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BC Geological Survey Assessment Report 38080

Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

Assessment Report Title Page and Summary

TYPE OF REPORT [type of survey(s)]: 2018 Exploration and Fieldwork on the Varney Bay Prop **TOTAL COST:** $22,041.55

AUTHOR(S): Kelly Krueger, B.Sc., P.Geo. **SIGNATURE(S):**

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): Not required **YEAR OF WORK:** 2018

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): Event No. 5723311 (filed on December 18, 2018)

PROPERTY NAME: Varney Bay Property

CLAIM NAME(S) (on which the work was done): Varney 5, Tenure 505092

COMMODITIES SOUGHT: Limestone

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: Nanaimo Mining Division **NTS/BCGS:** 92L11 and 92L12

LATITUDE: 50 ° 33 ' 30 " **LONGITUDE:** 127 ° 30 ' 20 " **(at centre of work)**

OWNER(S):
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PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Carbonates, limestone, Triassic, Quatsino Formation, Karmutsen Formation, Vancouver Group

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37354

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TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic	13.89 line-km	Varney 5, tenure 505092	$21,127.05
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock	31 samples analyzed for whole rock constituents	Varney 5, tenure 505092	$914.50
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	$22,041.55

GRAYMONT WESTERN CANADA INC.

2018 EXPLORATION AND FIELDWORK ON THE VARNEY BAY PROPERTY

NORTHERN VANCOUVER ISLAND, BRITISH COLUMBIA

Nanaimo Mining Division

VARNEY 5, VARNEY 2009, Tenure 505092

Geographic Coordinates
50°32’ N to 50°34’ N
127°28’ W to 127°31' W

NTS Sheets 92 L/11 and 92 L/12

Owner and Operator:	Graymont Western Canada Inc. 260, 4311 - 12 St. NE Calgary, Alberta T2E 4P9
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Date Submitted: February 11, 2019

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1. INTRODUCTION

Adjacent to Varney Bay on the south shore of Rupert Inlet on northern Vancouver Island, limestone of the Quatsino Formation outcrops along, and south of, two parallel north to northwest trending ridges. The claims which encompass these limestone occurrences were originally acquired by Ecowaste Industries Ltd. in October 1993. In 1993, Stan Krukowski of Continental Lime Inc. completed a cursory examination of the claims. In 1994, eight holes were drilled within the south-central parts of the Property. The Property was abandoned, re-staked and surveyed by McElhanney Associates in 1997. Additional claims staked in 2005, and existing claims that were converted to cell claims comprise the current Varney Bay Property.

2018 work on the Varney Bay Property focused on identifying the presence and extent of Tertiary dykes in the subsurface. This report describes the 2018 exploration and provides an interpretation of the results. Appendix 1 is an itemized cost breakdown of the 2018 work completed on the Property. Because the 2018 Varney Bay exploration work was completed in conjunction with 4 additional Graymont projects (namely Nimpkish, MQ, Cluxewe and Kilpala properties), a proportion of expenditures summary is also included in Appendix 3.

Exploration was authorized by Darren Anderson of Graymont.

A statement of work was filed on December 18, 2018, with respect to the exploration described in this report (SOW event number 5723311).

1.1 GEOGRAPHIC SETTING

1.1.1 Location and Access

The Varney Bay Property is within the Insular Belt near the northern end of Vancouver Island, south-western British Columbia (Fig. 1.1). The Varney Bay Property is located along the southwest shore of Rupert Inlet roughly 30 km southwest of the town of Port Hardy and approximately 30 km west of Port McNeill (Fig. 1.2). Rupert Inlet outlets to the Pacific Ocean through Quatsino Narrows and Quatsino Sound. The Property is bordered to the east and south by Marble River Provincial Park, a 1,419 ha. park popular for its hiking trails and salmon spawning views.

From Port Hardy, the Varney Bay Property is reached by driving south on paved Highway 19 for about 22 km and then west on the gravel Rupert Main logging road. At approximately 7 km, there is a junction where the southern Port Hardy Main logging road leads to the Varney Main logging road, which connects to spur road 510. Approximately 2 km along spur road 510 is a disused network of logging roads which provide access to and throughout the Property. In

2017 and 2018, Dahrouge noted new areas on the Varney Bay Property that were actively being logged. As logging continues, new access roads are being created on the Property (Fig. 1.3).

Port Hardy, with a population of about 5,000, is approximately 450 km from Victoria via Highway 1 and 19 (Fig. 1.2). Port Hardy is serviced by daily air transport from Vancouver and has facilities and services expected for a community of its size. The regional economy, and that of the local communities, is primarily based on forestry, fishing, and tourism.

Port McNeill, with year-round facilities, is about 40 km southeast of Port Hardy via Highway 19. It is located on Broughton Strait, near the north end of the inside passage of Vancouver Island. It has a population of about 2,700 and is a service centre for the forestry and fishing industries, with several motels and restaurants.

The network of logging roads that traverse the Varney Bay Property and the surrounding area, are owned and maintained by Western Forest Products Ltd. and Lemare Lake Logging. Access to the roads and other surface rights are not restricted; however, contacting the companies prior to utilizing the roads is highly recommended (Fig. 1.3).

1.1.2 Topography, Vegetation and Climate

Within the west-central part of the Varney Bay Property is the northwest trending Varney Ridge, approximately 1,500 m in length. Its northern part is composed of a few knolls, Hill 6 and Hill 8, each up to 200 m across. The western part of the ridge forms a gentle slope to the shore of Rupert Inlet, while its eastern boundary is marked by a steep, cliff-forming slope. East of Varney Ridge are a number of low-lying areas. Elevations range from sea level along the shores of Rupert Inlet to 202 m at the crest of Varney Ridge. About 1 km due east of the south end of Varney Ridge, is the northerly trending Lost Ridge. It exceeds 1,250 m in length, reaches approximately 190 m elevation, and its western and eastern boundaries are marked by fairly steep slopes (Fig.'s 1.4 & 2.1).

Much of the Varney Bay area has been logged within the last 50 years. Portions that have been logged more than 10 years ago are covered by decomposing slash and a very thick cover of secondary growth. The remainder of the Property is covered with mature forest. Forest vegetation is variable and consists of tall stands of Alder, Balsam, Cedar, Hemlock, Douglas Fir, Poplar, and Spruce. Spruce and Cedar are predominant in areas of lower relief with poor drainage, while Douglas Fir and Hemlock are more common in areas with well-developed drainage. Tree cover is widely spaced with fairly open undergrowth. Near impenetrable underbrush is formed locally by Alder and Salal, or by immature Cedar and Spruce in areas of

recent logging.

The area is considered part of the coastal rainforest climatic zone with generally mild and wet conditions. Temperatures rarely exceed 25°C during summer months and less than -20°C during winter months. Precipitation is considered heavy throughout the region, with average annual precipitation of 180 cm. Most precipitation occurs during winter months, however heavy and prolonged rainfall during summer months is not uncommon.

1.2 PROPERTY

The Varney Bay Property consists of 3 contiguous claims (Table 1.1, Fig. 1.3). The Property was originally acquired by Ecowaste Industries Ltd. in October 1993 and consisted of one 4-post claim and seven 2-post claims, Var 1 to 8. Four additional 2-post claims, Var 9 to 12, were staked in June 1994. On April 22, 1997 claims Var 1 to 12 were abandoned and re-staked with four 4-post claims, Varney 1 to 4. Varney 1 to 4 were converted to cell claims in 2005 and claim Varney 5 was acquired. Finally, in 2009, Varney 2009 was staked through the BC Mineral Titles online staking system.

TABLE 1.1: LIST OF VARNEY BAY CLAIMS

Claim Name	Tenure Number	Record Date	Current Expiry Date	Expected Expiry Date
VARNEY 5	504479	2005 01 21	2019 03 11	2020 05 31
	505092	2005 01 28	2019 03 11	2020 05 31
VARNEY 2009	602617	2009 04 14	2019 03 11	2020 05 31

1.3 HISTORY AND PREVIOUS INVESTIGATIONS

In 1993, Dr. Stanley Krukowski of Continental Lime Inc. examined several limestone prospects within southwestern British Columbia and collected 23 high-calcium limestone samples. During the latter part of 1993, a group of claims was staked on the south side of Rupert Inlet at Varney Bay. Exploration on the Varney Bay Property began in 1994. A total of eight drill holes were completed at Varney Bay along Varney Ridge (Krukowski, 1994). In 2002, 224 limestone samples were collected and a 4.5 line-km ground magnetic survey was completed in order to assist in locating structures and intrusive rocks (Dahrouge, 2003). In 2005, an exploration program consisting of mapping outcrops and collecting 107 samples for analysis was completed (Dahrouge and Tanton, 2006). During 2014 exploration, 14 carbonate samples were collected on the Varney Bay Property (Kluczny and Krueger, 2015). In 2015, 8 carbonate samples were collected and ground magnetic traverse lines, totaling 4.63 line-km,

were completed on the Varney Bay Property (Krueger and Hayes, 2016). Six ground magnetic traverse lines, totaling 10 line-km, were completed on the Varney Bay Property in 2016, in order to further assess limestone quality (Krueger and Salame, 2017). Six ground magnetic traverse lines, totaling 10 line-km, were completed on the Varney Bay Property in 2017, in order to further assess limestone quality (Krueger, 2018). Eleven ground magnetic traverse lines, totaling 13.89 line-km, were completed on the Varney Bay Property in 2018, in order to further assess limestone quality.

1.4 PURPOSE OF WORK

The 2018 exploration program on the Varney Bay Property was primarily completed to determine the presence and extent of Tertiary intrusives in the subsurface. Sampling limestone, mapping outcrop areas and verifying pre-existing and new access roads were secondary objectives.

1.5 SUMMARY OF WORK

From May 16 to June 23, 2018, Dahrouge and Graymont completed ground magnetic surveying and sampling of carbonate lithotypes within and surrounding the Varney Bay Property. As previously mentioned, 5 properties were individually explored during the 41-day long 2018 field program. Four days were spent working on the Varney Bay Property itself (Appendix 1 & 3).

31 Quatsino Formation limestone samples were collected from the Varney Bay Property (Fig. 1.7, Appendix 4), representing approximately 67.75 m of stratigraphy. Samples were collected by chipping outcrops perpendicular to defined or assumed bedding. Bedding was commonly difficult to see due to the very-fine-grained homogeneous nature of the limestone. Where bedding was uncertain or had been obscured by structure, stratigraphic thicknesses were calculated using orientations from adjacent units. Where more than one bedding orientation was measured, the mean orientation was used.

Geological observations were recorded, including lithologic information, measurements of structural elements, and other pertinent details (Appendix 4). A solution of 10% HCl was used to assess carbonate quality in the field. Samples were shipped to Graymont's lab in Sandy, Utah for preparation and analyses by standard ICP techniques, and LOI. Analytical procedures are described in Appendix 2 and assay results are provided in Appendix 5.

Magnetometer readings were obtained over a series of traverse lines on the Varney Property (Appendix 8). Readings were recorded with two GEM System GSM-19 integrated

Overhauser effect proton precision magnetometers. The magnetic sensors remained at a distance of approximately 1.75 m above the ground surface. GEMLinkW software version 7 was utilized to download the readings onto a laptop. The magnetic readings were corrected for diurnal field magnetic variation using a stationary GSM-19 Base station. The base station location was chosen to ensure minimal interference from active roads, railroads and powerlines (Fig. 1.4). The magnetometer data was corrected (Appendix 8) and profiled (Fig. 1.5). Magnetic recordings were collected in nanoteslas (nT) along the traverse lines. Base station recordings were then correlated to traverse line recordings using time of day. Base station recordings were subtracted from their corresponding traverse recordings. Finally, a datum of 54,000 nT, which had been pre-programmed into the magnetometer unit, was added to each value. Diurnally corrected data was then sent to a registered geophysicist at Red Rocks Geophysical Consulting for further corrections (Appendix 7). Raw and corrected data is provided in Appendix 8. Whenever possible, magnetic traverse lines were oriented approximately perpendicular to the trend of known dykes and structures. Field maps were completed on 1:10,000 and 1:30,000 scale map sheets and concentrated on the Varney Bay Property. A magnetic declination of 18° east was used. Areas with visibly abundant or highly concentrated Tertiary dykes were noted.

Personnel were based in a motel in Port McNeill. Access to and from the Varney Bay Property was by a rented four-wheel-drive vehicle. Access throughout the Property was by truck where possible, and by extensive hiking. Notes were compiled regarding access and current road status, as roads in the area are commonly rehabilitated and overgrown or reactivated for logging purposes.

2. REGIONAL GEOLOGY

The Insular Belt of the Pacific Margin comprises several discrete terranes of disparate origin, the largest of which are Alexander and Wrangellia terranes (Gabrielse et al., 1991). The Wrangellia Terrane is a complex of Paleozoic through Cenozoic volcanic arc, oceanic, and clastic wedge assemblages comprising the modern Pacific Continental Margin from Vancouver Island northward to Queen Charlotte Islands. It is disrupted by north-westerly trending, dextral, transcurrent faults, westerly verging thrust faults, plutonic rocks, and anticlinoria.

Within the Insular Belt of south-western British Columbia, high-calcium limestone has been noted in the Mount Mark Formation of the Sicker Group, and the Quatsino and Parsons Bay formations of the Vancouver Group (Table 2.1).

2.1 STRATIGRAPHY

2.1.1 Mount Mark (Buttle Lake) Formation

The Pennsylvanian Mount Mark Formation of the Buttle Lake Group (Massey and Friday, 1988) conformably overlies and grades into the Cameron River Formation of the Sicker Group (Table 2.1). The Mount Mark Formation is equivalent to the Buttle Lake Formation (Massey and Friday, 1988). It consists of massive, fine to coarse-grained, crinoidal limestone beds with minor argillaceous and chert interbeds. Significant outcrops of Mount Mark Formation are found within the Cowichan uplift of south-eastern Vancouver Island, near Tofino along the west coast, within the Buttle Lake Uplift between 50 and 100 km southeast of Nimpkish Lake, and along the southern part of Texada Island. It reaches thicknesses of 150 m near Buttle Lake and up to 300 m within the Cowichan uplift.

TABLE 2.1: STRATIGRAPHY OF THE NORTHERN PART OF VANCOUVER ISLAND*

Period	Stratigraphic Unit			
	Group	Formation	Lithology	Approx. Thick. (m)
Tertiary	-	Tertiary Volcanics and Sediments		305
	-	Tertiary Intrusions	Quartz diorite	-
Cretaceous	Nanaimo		clastics, coal	125
	Queen Charlotte		clastics, coal	305 - 1050
	-	Longarm	clastics	60 - 400
	-	Pacific Rim Sequence	clastics	-
Jurassic	-	Island Intrusions	granitic intrusives	-
Triassic	Vancouver	Bonanza	volcanics	305 - 5650
		Harbledown	clastics and tuffs	
		Parsons Bay[1] - Sutton	calcareous clastics and limestone	305 - 710
		Quatsino[1]	limestone	30 - 750
		Karmutsen	volcanics	3000 - 6100
		Sediment Sill Unit	clastics and volcanics	750
Pennsylvanian	Buttle Lake°	Mount Mark (Buttle Lake)	limestone	215

* Modified after Muller et al. (1974) and Fischl (1992)
° Formerly of the Sicker Gp. (Massey and Friday, 1988)
[1] Equivalent to the Sutton Fm. of western Vancouver Island (Jeletzky, 1970)
[2] In part, previously mapped as Sutton Fm. on southern Vancouver Island and equivalent to the Marble Bay Fm. of Texada Island (Fischl, 1992)

2.1.2 Quatsino Formation

The Upper Triassic Quatsino Formation of the Vancouver Group paraconformably overlies and is interbedded with volcanic and limestone lithotypes of the Karmutsen Formation (Fig. 2.1). The Karmutsen Formation includes basaltic and andesitic flows, tuffs, agglomerates, and breccias, with minor interbedded limestone (Hoadley, 1953). The Karmutsen Formation is widely exposed along the southwest Pacific margin (Muller et al., 1974).

Outcrops of the Quatsino Formation are known from both Texada and Vancouver islands. Within the northern part of Vancouver Island, the formation is exposed along three parallel belts (Fig. 2.1):

Belt *	Length	Location
(West) Quatsino-Tlupana	165 km	From Quatsino Sound to Tlupana Inlet
(Central) Nimpkish	39 km	East and south of Nimpkish Lake
(East) Bonanza	30 km	West of Telegraph Cove to Bonanza Lake

* After McCammon (1968)

The Quatsino Formation attains a maximum thickness of 760 m at a location south of Alice Lake, within the western belt (Fischl, 1992). Near Nimpkish Lake, within the central belt, Coffin and Soux (1988) reported a drill intersection thickness of about 135 m for the lower part of the Quatsino Formation. Within northern Vancouver Island, the Quatsino is divisible into lower and upper parts (Hoadley, 1953 and Muller et al., 1974). The lower part, with highly variable thickness (Table 2.2), is characterized as a thick-bedded to massive, brownish-grey to black, fine-grained to microcrystalline limestone (Muller et al., 1974) and a few thin interbeds of andesite or basalt (Hoadley, 1953).

The upper part of the Quatsino Formation consists of thin-bedded limestone with black calcareous siltstone interbeds and laminations. Upwards, laminae and interbeds of calcareous black shale increase in frequency and thickness. Toward the top of the unit, the limestone is increasingly dark-grey or black, due to increasing quantities of carbonaceous matter (Hoadley, 1953). Bedding and color banding are distinctive and well preserved. Locally the upper part contains abundant ammonites and pelecypods (Muller et al., 1974).

Toward central and southern Vancouver Island, the Quatsino Formation thins considerably and is complicated by intense faulting and folding. According to Fischl (1992), it is less than 75 m thick at Cowichan Lake, about 40 km south of Nanaimo.

On Texada Island, the Quatsino Formation is divisible into a northern and southern belt. The northern belt is up to 3 km wide by 13 km long and the southern belt, which is located on the southwest coast, is up to 6 km long. Based on chemical composition, Mathews and McCammon

(1957) divided the northern belt into three members, each up to 200 m thick. The lowermost member is composed predominantly of high-calcium limestone; the middle member is predominantly high-calcium limestone with some dolomitic interbeds; the upper member is dominantly dolomite and dolomitic limestone.

TABLE 2.2: MEASURED THICKNESS OF THE QUATSINO FORMATION FROM THE NORTHERN PART OF VANCOUVER ISLAND*

Location	Quatsino Formation *		
	Lower Part Approx. Thick. (m)	**Upper Part** Approx. Thick. (m)	Description
Western Belt			
Alice Lake	488	302	- immediately south of Alice Lake
Klaskino	25	49	- along north side of Klaskino Inlet (50°18'50", 127°51'50")
Central Nimpkish Belt			
Tsulton Property°	~ 135	-	- opposite Halfway Islands on Nimpkish Lake
Eastern Belt			
Beaver Cove	76 +	140	- along a tributary of Tsulton River south of Beaver Cove (50°29'50", 126°53'20")

* Modified after Muller et al. (1974)
° After Coffin and Soux (1988; Appendix 2)

2.1.3 Parsons Bay Formation

The Parsons Bay Formation of the Vancouver Group conformably overlies and is interbedded with limestones of the underlying Quatsino Formation. The lower part consists of light-grey limestone with laminae and thin interbeds of calcareous black shale (Muller et al., 1974). The Parsons Bay Formation has a similar distribution to the Quatsino Formation (Fig. 2.1). Near Alice Lake, it is up to 610 m thick and is only about 60 m thick near Beaver Cove (Muller et al., 1974).

Along the west-central part of Vancouver Island, near Checleset Bay, the Parsons Bay Formation includes a massive limestone unit between 18 and 27 m thick within its upper part, which was termed the 'Sutton Limestone Formation' by Jeletzky (1970). Near Smith Cove, on the southern side of Quatsino Inlet, the Sutton Formation is divisible into upper and lower members. Jeletzky (1976) described the Upper Limestone Member as predominately quite pure, grey, well-bedded limestone up to 45 m thick.

2.2 INTRUSIONS

2.2.1 Island Intrusions

Within the northern part of Vancouver Island, Jurassic dykes, sills, stocks, and batholiths are widespread. The Island Intrusions (Eastwood, 1965), which have invaded all rock types, are medium to coarse-grained and range in composition from gabbro to quartz monzonite. Typically elongate in a north-westerly direction, they form narrow 3 km to 8 km wide north-westerly trending belts separated by Upper Triassic volcanic and sedimentary rocks (Hoadley, 1953). The intrusive belts are up to 80 km in length and show a pronounced decrease in size towards the western part of Vancouver Island. Localized recurrent folding of the Quatsino Formation, along north-westerly axes, was accompanied by emplacement of andesitic sills and dykes (Carlisle, 1972). According to Hoadley (1953),

> "The fact that the lineation is more or less parallel with the general fold structure of the invaded rocks indicates that the intrusions were associated with orogenic disturbances, and that they were intruded at about the time the invaded rocks were folded. They were probably guided in part by contemporaneous faults."

Intense metamorphism associated within the emplacement of large-scale batholiths and stocks is common. Most bodies exhibit well developed intrusive breccias within marginal zones. Within a few kilometres of the intrusive bodies, limestone lithotypes can be strongly contorted, fractured, and jointed, cut by numerous dykes, and altered to calc-silicate minerals. Skarn mineralization is common; however, it rarely results in the complete alteration of limestone bodies (Eastwood, 1965).

Smaller stocks, sills, and dykes genetically related to the Island Intrusions generally exhibit limited metamorphism and sharp contacts with the surrounding country rock. However, these intrusive bodies are most abundant within the contact aureole of the larger batholiths.

2.2.2 Nimpkish Intrusions

The Nimpkish Batholith is an irregular-shaped intrusive situated between Nimpkish Lake south-easterly to Woss Lake, where it is in tectonic contact with the Vernon Batholith. Muller et al. (1974) includes the Bonanza Batholith along the eastern shore of Bonanza Lake and several smaller plutons in the vicinity of Beaver Cove within this group. These intrusives are evident throughout the entire Vancouver Group.

Contacts of the Nimpkish Batholith are highly irregular and include a large number of small sills and dykes (Gunning, 1932b), which are

> "...frequently much contorted, fractured, and sheared near the intrusive and in a number of places are silicified and mineralized with pyrite, pyrrhotite and calcite. In a few places, and particularly where the

> granodiorite intrudes limestone, contact metamorphic silicates, magnetite, and copper, iron or zinc sulphides are quite extensively developed."

2.2.3 Tertiary Intrusions

Small Tertiary stocks to medium intrusive bodies, commonly as dykes, sills and small plutons, are exposed throughout the entire length of Vancouver Island. These rocks vary widely in size, texture, and mineralogical composition and include medium to coarse-grained granite porphyry, diorite porphyry, gabbro, and finer-grained dacitic rocks.

According to Hoadley (1953), the Tertiary intrusions are most commonly dark-green to black, diabasic gabbro dykes, which vary in width from a few centimetres up to 5 m. Furthermore (Hoadley, 1953),

> "where these dykes occur in Vancouver Group rocks, they are almost impossible to distinguish in the field from dykes associated with the Triassic volcanic rocks."

Near Port Alberni, Massey and Friday (1989) note that these intrusives occur as dykes up to 3 m wide and are commonly found along fault zones, which may have acted as conduits for emplacement.

2.3 STRUCTURE

The northern part of Vancouver Island is dominated by north to north-westerly trending anticlinoria, which are flanked by fault blocks with outward dipping stratigraphy. The region is cut by steep normal or strike-slip vertical faults. Detailed accounts of regional structure are available in Hoadley (1953) and Muller et al. (1974).

The main structural elements of the Nimpkish Lake Block from northeast to southwest are Bonanza Fault, Nimpkish Syncline, and Nimpkish Fault. Bonanza and Nimpkish faults define the respective eastern and western boundaries of Nimpkish Block. Both structures have variable amounts of displacement and are in part defined by valley lineaments.

3. PROPERTY GEOLOGY

3.1 STRATIGRAPHY AND LITHOLOGY

During exploration, three lithological units have been identified on the Varney Bay Property: the Karmutsen, Parsons Bay and Quatsino formations. In the Bonanza Lake area, the Karmutsen Formation comprises incompletely metamorphosed basaltic and andesitic flows, tuffs, agglomerates, and breccias, with minor inter-bedded limestone (Hoadley, 1953). The high-

quality limestone occurrences on/near the Varney Bay Property are part of the Quatsino Formation of the Vancouver Group. The Karmutsen and Parsons Bay formations were not examined during the 2018 exploration project. The Quatsino Formation was however examined on the Varney Bay Property. The following is a brief summary of the geological units encountered near the Varney Bay Property during the 2018 and previous exploration programs.

3.1.1 Karmutsen Formation

The Karmutsen outcrops in all three Varney Bay claims until it contacts the Quatsino Formation near a regional NW-SE trending fault (Fig. 2.1). Outcrops have previously been noted near the approximate centre of Tenure 505092 and along the western boundary of Varney 2009 claim. The uppermost part of the Karmutsen Formation consists of rusty-brown to brown weathered, green fresh, medium-grained volcanic rock. Outcrops are typically recessive and deeply weathered.

3.1.2 Quatsino Formation

The Quatsino Formation has been extensively sampled, mapped, and surveyed on the Varney Bay Property.

As previously indicated in Section 2.1.2, the most detailed published work on the stratigraphy of the Quatsino Formation is that of Hoadley (1953) and Muller et al. (1974); they indicate that the Quatsino is divisible into a lower and an upper part. The lower part, with highly variable thickness, is thick-bedded to massive, brownish-grey to black, fine-grained to microcrystalline limestone with a few thin interbeds of andesite or basalt. The upper part consists of thin-bedded limestone with black calcareous siltstone interbeds and laminations. Laminae and interbeds of calcareous black shale increase in frequency and thickness upwards.

The lower part of the Quatsino Formation consists of variably recrystallized, massive to thick-bedded, grey weathered, dark-grey to black fresh, micritic limestone with rare patches of chert. The upper part of the Quatsino Formation is variably buff to medium-grey weathered, very dark grey to black fresh, thick-bedded, interbedded micritic limestone and buff dolomite.

Within the lower part of the Quatsino Formation, clear bedding surfaces or sedimentary laminae are rare. Dip direction within the Varney Bay Property tends to be west to southwest at moderate angles. The lack of a readily recognized marker horizon within the massive limestones of the Quatsino Formation hinders stratigraphic correlations. Therefore, thickness determinations must be taken with caution as the continuity of stratigraphy across vast covered intervals with probable concealed internal structures is uncertain. Slight variations in major and

minor constituents may aid in correlating stratigraphy.

3.1.3 Parsons Bay Formation

The Parsons Bay Formation is not known to outcrop on the Varney Bay Property and has not been examined in detail on any of the properties, however, it generally consists of low-quality, light-grey lime mudstone with laminae and thin interbeds of calcareous black shale. The mudstone is often siliceous to weakly calcareous. Historic samples within other nearby Graymont properties consist of either dolomitic lime mudstone or slightly calcareous mudstones and shales.

3.1.4 Intrusions

Throughout the area, dykes and sills, presumably part of the Tertiary Suite of intrusives, vary from a few centimetres to more than 5 m thick. The intrusives appear preferentially aligned along the pre-existing structural fabric at the properties. On the Varney Bay Property, intrusives have been noted to trend NW-SE parallel to the strike of bedding planes. Several dykes and sills occur at other orientations. The intrusives are typically recessive and generally only evident within well exposed outcrops of massive limestone.

The intrusives are commonly rusty-brown weathered, green fresh, and fine to medium-grained. Commonly, they exhibit strong jointing parallel to intrusive alignment.

Associated alteration includes thin haloes to several metres of thermal recrystallization with negligible chemical alteration, and thin zones of skarnification adjacent to intrusives.

3.2 RECENT SEDIMENTS AND WEATHERING

Much of the region is covered by a veneer of unconsolidated glacial sediments, which range in thickness up to several metres. Within upland areas, bedrock exposures are common. It is expected that within major valleys such as at Nimpkish and Bonanza lakes and Tsulton River, unconsolidated sediments may be tens of metres thick. Surficial weathering has resulted in a weathering profile that varies from a few centimetres up to several metres thickness. Many of the erosional (topographic) features appear elongate along the pre-existing structural trend. Locally, the bedrock surface is highly irregular.

3.3 STRUCTURE

Historical measurements have been collected from numerous limestone and dyke units. Where unequivocally determined, original bedding is generally shallow dipping, whereas joints

and cleavages are steeply dipping or near vertical. Intensity of deformation within the limestone unit varies, so individual outcrops display either mentioned planar structures or none of them.

4. RESULTS OF 2018 EXPLORATION

The 2018 exploration program on the Varney Bay Property was primarily completed in order to determine the frequency and concentration of Tertiary intrusive bodies. Sampling, outlining outcrop areas and checking access roads were secondary objectives. The 2018 exploration on the Varney Bay Property concentrated on Tenure 505092 and Varney 5 (Fig.'s 1.4 & 1.7). A total of 31 Quatsino Formation limestone samples were collected at 19 distinct locations within claims Tenure 505092 and Varney 5 at the Varney Bay Property (Fig. 1.7).

The total intensity of the magnetic field at any given location is, in part, determined by:

a) amount of magnetic minerals (eg; magnetite) within the host rock
b) size and orientation of the magnetic body
c) amount of magnetic material within the overburden, and
d) distance from the underlying (presumably magnetic) Karmutsen Formation

TABLE 4.1: SUMMARY OF 2018 VARNEY BAY MAGNETIC SURVEY LINES

Traverse Line	Orientation	Approximate Length (m)	# of Interpreted Intrusive Dykes*
VB-22	135°	739	1
VB-23	136°	552	2
VB-24	136°	1795	4
VB-25	136°	1158	1
VB-26	136°	1232	0
VB-27	136°	1021	2
VB-28	136°	185	0
VB-29	136°	1390	3
VB-30	136°	2135	0
VB-31	136°	1532	2
VB-32	136°	2151	4

* magnetic anomalies of greater than 70 to 100 nT

Eleven traverse lines, VB-22 to VB-32, totaling 13.89 line-km, were completed on the Varney Bay Property in 2018. Spacing between adjacent traverse lines ranged from 150-180 m. A relatively low concentration of volcanic dykes can be interpreted from the magnetic data (Table 4.1, Fig. 1.5). The westernmost magnetic traverse line (VB-22) had a notable higher magnetic response mid-way through the line (from approximately 230-350 km while traversing NW-SE), while the remainder of the line showed a very subdued response. Approximately 100

metres and 275 metres eastward along traverse lines VB-23 and VB-24, respectively, a similarly high magnetic response is present and could potentially be correlated between the three individual lines. This means there is a possible magnetic trend oriented approximately E-W through this portion of Varney 5 (Fig. 1.6).

Unsurprisingly, a general trend of increasing magnetic intensity was observed to the northeast and east of the traversed area (Fig. 1.6). These results most likely indicate that the mobile magnetometer was getting closer in proximity to the underlying volcanic Karmutsen Formation, while the Quatsino Formation thinned out towards the surface contact. The lowering of magnetic intensity to the southwest indicates a possible thickening of the Quatsino Formation, while a lack of small-scale magnetic variations indicates a general lack of volcanic dykes/dyke swarms. Small-scale variation in intensity was relatively low throughout most 2018 traverse lines. Larger scale variation is observed in the northeast portions of VB-31 and VB-32 traverse lines (Fig. 1.6). This broad, spatially continuous increase of magnetic intensity has been previously noted and interpreted as either a large concentration of dykes or an area of skarnification in the underlying Quatsino Formation (Dahrouge, 2003). The exact location of the surface contact between the Quatsino Formation limestones and underlying Karmutsen Formation volcanics is difficult to distinguish with the 2018 magnetic data alone, due to the large variation in magnetic intensity near the regional fault. It is possible that a small block of Quatsino Formation lies beyond the fault (Fig. 2.1).

Samples from the 2018 program were shipped to Graymont's lab in Sandy, Utah for preparation and analyses by standard ICP techniques, and LOI (Appendix 4). The 31 Quatsino samples collected from the Varney Bay Property were highly variable in quality, ranging from 62.41% to 99.15% $CaCO_3$, 0.61% to 36.55% $MgCO_3$, and 0.07% to 13.16% SiO_2. In total, approximately 67.75 m of Quatsino limestones were sampled on the Varney Bay Property (Fig. 1.7, Appendix 4). The highest-quality sample interval, Section 2018-03, averaged 99.09% $CaCO_3$, 0.65% $MgCO_3$, and 0.11% SiO_2 over approximately 6 m. This section is located approximately 350 m along traverse line VB-26. Another notable section was Section 2018-02, located approximately 150 east of magnetic traverse line VB-30 (Fig. 1.7), which averaged 97.91% $CaCO_3$, 0.96% $MgCO_3$, and 0.66% SiO_2 over approximately 9.25 m.

5. DISCUSSION AND CONCLUSIONS

A portion of the Varney Bay Property was magnetically surveyed for the presence and concentration of Tertiary dykes, to identify potential un-intruded Quatsino Formation limestones. Ground magnetic surveys, totaling 13.89 line-km, were completed on the Property. A total of 31 surface samples were collected on the Varney Property from the Quatsino Formation; as distinct stratigraphic markers are difficult to identify within the Quatsino Formation, it is likely only a portion of the lower part of the formation was sampled. In addition, the Property was examined to identify new access routes and outcrop locations.

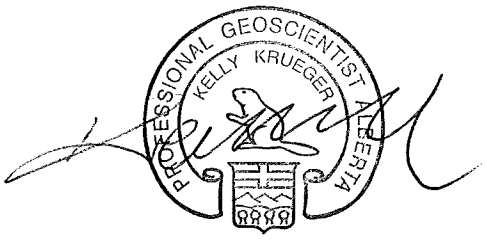
Eleven magnetic traverse lines totaling 13.89 line-km were completed on the Varney Bay Property in 2018. Generally, the southern 1/3 of the Varney Bay TMI grid produced from 2018 magnetic data points shows relatively low to no magnetic response (Fig. 1.6). This suggests that the underlying strata has not been significantly intruded by volcanic/igneous bodies. In sharp contrast is the northern 2/3 of the TMI grid which exhibits strong magnetic readings encompassing several low-magnetic “bull’s eyes”. Overall, minimal intrusives have been observed on the Varney Bay Property to date, either by sampling or ground magnetic surveying. The broad magnetic horizon, discovered by Dahrouge in 2002 that trends along the Quatsino-Karmutsen contact, was revealed to continue to the south. As before, this north to south trending horizon has been interpreted as either a dyke swarm or a skarn zone. Total magnetic intensity decreases to the southwest towards Rupert Inlet, possibly indicating a thicker Quatsino Formation. The southwest portion of Varney 5 claim is the most promising, dyke-free area interpreted from the 2018 magnetic data. Since the majority of traverse lines in 2015, 2016, 2017 and 2018 were spaced between 150-200 m apart, closer-spaced ground magnetic lines are recommended in the future to further confirm the extent of both large and small-scale intrusive bodies.

Surface sampling on the Varney Bay Property continues to return high-quality results, often in excess of 95% $CaCO_3$, with relatively minor amounts of $MgCO_3$ and SiO_2 contamination. The 11 magnetic traverse lines completed on the Varney Bay Property totaled 13.89 line-km. The survey returned favourable results for future exploration of the southern and eastern portions of the Nimpkish Property, as the frequency of interpreted dykes along the majority of traverses was low. Interpreted dyke concentration appeared higher within the northern portion of the Property. Future exploration should involve additional NW-SE trending magnetic traverse lines, as most historic traverses on this Property have been oriented SW-NE.

The excellent quality and ideal logistical location of Quatsino Formation carbonates within

the Varney Bay Property warrant further examination. The Varney Bay Property is located on an inlet with direct access to the Pacific Ocean.

The surveyed area in the southern portion of the Varney Bay Property in 2018 showed promising low magnetic variability close to Rupert Inlet and Varney Bay, indicating thick and un-intruded limestone, worthy of future examination.



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2019 02 11

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APPENDIX 1: ITEMIZED COST STATEMENT FOR THE 2018 VARNEY BAY EXPLORATION

a) Personnel

K. Krueger, geologist						
35.9	hrs		project management, field work and travel			
25.2	hrs		project planning & preparations, reporting			
61.1	hrs	@	$	80.00	$	4,884.58
A. Syed, geologist						
23.3	hrs		field work and travel			
0.7	hrs		project planning & preparations, data entry			
24.1	hrs	@	$	59.00	$	1,419.12
A. Shumilak, geologist						
31.5	hrs		field work and travel			
13.4	hrs		project planning & preparations, data entry			
44.9	hrs	@	$	59.00	$	2,648.57
J. Pearson, student						
8.1	hrs		field work and travel			
0.3	hrs		project planning & preparations, data entry			
8.3	hrs	@	$	45.00	$	375.71
B. Campbell, student						
4.3	hrs		field work and travel			
0.6	hrs		project planning & preparations, data entry			
4.9	hrs	@	$	45.00	$	220.64
M. Szmihelsky, student						
37.2	hrs		field work and travel			
1.2	hrs		project planning & preparations, data entry			
38.4	hrs	@	$	45.00	$	1,728.68
T. Anderson, student						
36.0	hrs		field work and travel			
36.0	hrs	@	$	35.00	$	1,259.54
L. Skarlicki, assistant						
20.4	hrs		field work and travel			
20.4	hrs	@	$	39.00	$	793.74
S. Dahrouge, student						
12.0	hrs		field work and travel			
12.0	hrs	@	$	45.00	$	541.19
E. Cunion, geophysicist						
1.1	days		pre and post-processing of data, interpretation			
1.1	days	@	$	660.00 (500 USD/day)	$	732.69
J. Kerr, receptionist						
1.4	hrs		logistics, prepare shipments			
1.4	hrs	@	$	47.25	$	65.57
						$ 14,670.03

b) Food and Accommodation

16	man-days	@	$	121.23	accommodations (hotel rooms)	$ 1,965.06	
20	man-days	@	$	70.00	meals	$ 1,393.83	
							$ 3,358.89

c) Transportation

Vehicles:	Truck rental	(Enterprise Rentals)	$ 250.35
	Truck rental	(Dahrouge)	$ 503.96
	Magnetometers		$ 1,099.56
	Flights, ferry & taxi		$ 456.69
	Fuel		$ 284.55
			$ 2,595.12

d) Instrument Rental

GPS (4)	$ 54.98
Satellite Phones (2)	$ 89.34
Laptop (1)	$ 34.36
SPOT Locators (2)	$ 27.49
Radios (5)	$ 51.54
	$ 257.71

e) Drilling n/a

f) Analyses Central Lab of Graymont Western U.S. Inc.
(31 rock samples)

31	samples	@	$	4.50	preparation fee	$ 139.50	
31	samples	@	$	25.00	sample analysis	$ 775.00	
							$ 914.50

g) Other

Courier and Shipping (samples and magnetometer)	$ 83.26	
Disposable Supplies	$ 162.05	
Plots	$ -	
		$ 245.31

Total $ 22,041.55

Kelly Krueger, B.Sc., P. Geo.

Edmonton, Alberta
February 11, 2019

APPENDIX 2: ANALYTICAL LABORATORY INFORMATION AND TECHNIQUES

Name and Address of the Lab:

Graymont Western US Inc., Western Region Office
585 W Southridge Way,
Sandy, Utah, 84070

Statement of Qualifications:

Jared Leikam, Graymont Central Lab Supervisor, obtained a B.S. in Chemistry from the University of Utah in the class of 2003. Jared started working for Graymont in February of 2004 and has been working with the ICP Spectrometer for 14 years.

Sample Preparation, Procedures, Reagents, Equipment, etc.:

For the ICP sample preparation, 0.5 grams of the sample is mixed with 3 g of lithium carbonate. The sample and the lithium carbonate are then fused together in a muffle furnace at 850°C. Following the fusion process, the samples are dissolved in 1:1 HCl; a total of 40 mL 1:1 HCl is used in the dissolving process. The samples are then diluted to 200 mL and spiked with 10 ppm Co. Cobalt is used as an internal standard. At this point the samples are ready for analysis on the Perkin Elmer, Optima 7300V.

Mesh Size Fraction, Split and Weight of Sample:

Upon receiving the samples, the prep room technician crushes the stone down to a -3/8-inch sizing. The technician then riffles and splits the stone down to a manageable size (roughly 200 g). The stone is then dried in an oven at 105ºC. Once the samples have been dried, they get pulverized in a Bico Disc Mill, so that 90% of the powder is passing a 75um screen. A split of this pulverized material is bagged up, given a barcode label and then set to the analytical lab for testing.

Quality Control Procedures:

The ICP spectrometer is calibrated with two certified reference materials prior to analyzing a batch of samples. A batch typically contains 96 samples. Every 12^{th} sample in a batch is a certified limestone reference sample. In addition to the 8 reference samples imbedded in the batch, there are 2 limestone reference samples analyzed at the beginning and at the end of each batch. Every element being analyzed in a sample is backed up by data that we collect from the certified reference materials being analyzed within each batch of samples. We also use an internal standard (10 ppm Co) to further ensure the quality and accuracy of the analysis.

APPENDIX 3: 2018 PROPORTION OF EXPENDITURES ASSIGNED TO EACH PROPERTY

Property Name	Current Size (ha)	Days of Work	Percent of Expenditures	Actual Expenditures
Nimpkish	6120.44	21.9	53%	$129,883.68
MQ	4142.14	12.7	31%	$75,709.04
Varney Bay	1231.76	3.7	9%	$22,041.55
Cluxewe	533.73	1.2	3%	$6,954.79
Kilpala	697.91	1.5	4%	$8,979.00
TOTAL		**41**		**$243,568.06**

* Excess expenditures assigned to future exploration periods

APPENDIX 4: 2018 SAMPLE DESCRIPTIONS AND ASSAY RESULTS FROM THE VARNEY BAY PROPERTY

Notes: Stratigraphic thicknesses are based on measured attitudes of bedding listed below, with appropriate interpolations. Attitudes are strike and dip (right-hand rule). Sections are listed in numerical order of samples, which does not necessarily represent stratigraphic order. Most samples consist of chips at 30 cm intervals. UTM coordinates are NAD83, Zone 9N. Section locations are shown in Figure 1.7. Stratigraphy Abbreviations (Tq - Triassic Quatsino Formation)

Sample	Strat Unit	Strat Tkns (m)	Description	$CaCO_3$ (%)	$MgCO_3$ (%)	SiO_2 (%)	Al_2O_3 (%)	Fe_2O_3 (%)	SrO (ppm)	MnO (ppm)	P_2O_5 (ppm)
Isolated Samples											
129025 UTM 606927E, 5599764N	Tq	0.75	**Slightly Dolomitic Lime Mudstone,** very-light grey to light brown weathered and fresh, cryptocrystalline to micritic, massive, resistant, alteration: oxide, fracture-related, very weak intensity, weak fetid odour, moderate HCl reaction, structure(s): joint, outcrop-scale, moderate; fracture, outcrop-scale, very weak; calcite veinlet, outcrop-scale, very weak	96.15	2.59	1.23	0.092	0.077	276	73	114
129051 UTM 606175E, 5600300N	Tq	2.5	**Slightly Dolomitic Lime Mudstone,** medium grey weathered, very-light brown to light grey fresh, to micritic, massive, resistant, cherty, moderate HCl reaction, structure(s): fracture, outcrop-scale, moderate; calcite veinlet, outcrop-scale, moderate	96.20	2.41	1.08	0.108	0.223	423	123	245
129052 UTM 606177E, 5600300N	Tq	2.5	**Lime Mudstone,** medium grey to tan weathered, very-light brown to light grey fresh, to micritic, massive, resistant, cherty, moderate HCl reaction, structure(s): calcite vein, outcrop-scale, strong	97.16	2.18	0.31	0.128	0.206	414	106	245
129053 UTM 605459E, 5601238N	Tq	1.5	**Lime Mudstone,** light grey to medium grey weathered, tan to medium grey fresh, cryptocrystalline to micritic, massive, resistant, moderate HCl reaction, structure(s): calcite vein, local-scale	98.63	0.73	0.39	0.130	0.123	418	117	119
129054 UTM 605453E, 5601250N	Tq	grab	**Lime Mudstone,** light grey to medium grey weathered, tan to medium grey fresh, cryptocrystalline to micritic, fossils: fragment (indeterminate), rare, massive, resistant, moderate HCl reaction, structure(s): calcite vein, local-scale	98.24	1.26	0.34	0.112	0.069	349	59	50
129055 UTM 605450E, 5601255N	Tq	2	**Lime Mudstone,** light grey to medium grey weathered, tan to medium grey fresh, cryptocrystalline to micritic, fossils: fragment (indeterminate), rare, massive, resistant, moderate HCl reaction, structure(s): calcite vein, local-scale	98.18	0.88	0.67	0.195	0.093	404	63	50
129056 UTM 604255E, 5602484N	Tq	1.75	**Lime Mudstone,** light grey to tan weathered, medium grey fresh, cryptocrystalline, thickly-bedded, resistant, strong HCl reaction, structure(s): bedding (undulatory), outcrop-scale, 142/32 SW	97.08	0.96	1.65	0.170	0.041	579	69	933
129057 UTM 604277E, 5602462N	Tq	3	**Lime Mudstone,** light grey to tan weathered, medium grey fresh, cryptocrystalline, thickly-bedded, resistant, strong HCl reaction, structure(s): bedding (undulatory), outcrop-scale, 142/32 SW	95.75	0.67	3.17	0.181	0.054	421	144	1222
129058 UTM 605920E, 5601436N	Tq	3	**Lime Mudstone,** light grey weathered and fresh, micritic, massive, resistant, homogeneous, strong HCl reaction	98.56	0.65	0.65	0.093	0.048	487	32	50
129059 UTM 605917E, 5601437N	Tq	3	**Lime Mudstone,** light grey weathered and fresh, micritic, massive, resistant, homogeneous, strong HCl reaction	98.34	0.77	0.61	0.145	0.087	459	42	50
129063 UTM 605167E, 5601841N	Tq	2.5	**Lime Mudstone,** medium grey to dark grey weathered, medium grey to medium brown fresh, micritic, massive, resistant, weak HCl reaction, structure(s): fracture, outcrop-scale, moderate; calcite veinlet, outcrop-scale, weak	99.15	0.61	0.12	0.057	0.017	453	30	50

Sample	Strat Unit	Strat Tkns (m)	Description	$CaCO_3$ (%)	$MgCO_3$ (%)	SiO_2 (%)	Al_2O_3 (%)	Fe_2O_3 (%)	SrO (ppm)	MnO (ppm)	P_2O_5 (ppm)
129064 UTM 605131E, 5601766N	Tq	2.75	**Lime Mudstone,** dark grey to medium grey weathered, medium grey to medium brown fresh, micritic, massive, resistant, homogeneous, moderate HCl reaction, structure(s): stylolite, outcrop-scale, weak; fracture, outcrop-scale, moderate; calcite veinlet, outcrop-scale, weak	98.63	0.86	0.29	0.104	0.042	401	26	50
129068 UTM 605263E, 5601516N	Tq	grab	**Dolomitic Lime Mudstone,** light grey weathered, medium grey fresh, micritic, massive, moderate HCl reaction, structure(s): calcite veinlet, outcrop-scale, weak	92.40	7.03	0.26	0.092	0.055	480	33	50
129069 UTM 605414E, 5601341N	Tq	2.5	**Lime Mudstone,** light grey weathered, light grey to medium grey fresh, micritic to very fine-grained, massive, resistant, moderate HCl reaction, structure(s): calcite veinlet, outcrop-scale, weak	98.82	0.77	0.25	0.083	0.038	383	43	50
129070 UTM 606390E, 5600007N	Tq	grab	**Slightly Dolomitic Lime Mudstone,** light grey to tan weathered, dark grey to tan fresh, cryptocrystalline, resistant, moderate HCl reaction, structure(s): calcite veinlet, outcrop-scale, moderate	93.76	4.29	1.80	0.057	0.223	325	117	50
129071 UTM 606404E, 5599991N	Tq	3	**Lime Mudstone,** light grey weathered and fresh, cryptocrystalline to micritic, massive, strong HCl reaction, structure(s): calcite veinlet, outcrop-scale, moderate	97.52	1.46	0.83	0.066	0.145	387	85	50
129072 UTM 605216E, 5601343N	Tq	3	**Lime Mudstone,** medium grey weathered, tan fresh, cryptocrystalline, massive, resistant, alteration: oxide, localized, weak HCl reaction	99.02	0.69	0.16	0.080	0.028	479	25	50
129073 UTM 605219E, 5601349N	Tq	2	**Lime Mudstone,** medium grey weathered, tan fresh, cryptocrystalline, massive, resistant, alteration: oxide, localized, weak HCl reaction	99.00	0.71	0.13	0.077	0.020	539	23	50
129101 UTM 606309E, 5599366N	Tq	grab	**Lime Mudstone,** dark grey weathered and fresh, fine-grained, hard, moderate HCl reaction, structure(s): calcite veinlet, outcrop-scale, weak	94.65	1.61	3.32	0.339	0.106	354	70	675
129102 UTM 606327E, 5599415N	Tq	grab	**Lime Mudstone,** light grey weathered, light brown to white fresh, fine-grained to medium-grained, cherty, strong HCl reaction, structure(s): calcite veinlet, outcrop-scale, moderate	85.96	0.75	13.16	0.204	0.082	335	107	450
129103 UTM 606343E, 5599622N	Tq	3.25	**Dolomitic Mudstone,** medium grey weathered, light grey fresh, micritic to fine-grained, massive, resistant, crumbly, moderate HCl reaction	62.41	36.55	0.53	0.090	0.388	108	215	171
129104 UTM 606251E, 5599662N	Tq	2	**Strongly Dolomitic Lime Mudstone,** light grey weathered, light grey to tan fresh, micritic to fine-grained, massive, slightly resistant, moderate HCl reaction, structure(s): calcite vein, outcrop-scale, weak	85.53	12.70	1.21	0.240	0.219	287	118	353
129105 UTM 606118E, 5599868N	Tq	2	**Lime Mudstone,** medium grey to light brown weathered, medium grey to tan fresh, micritic to medium-grained, massive, resistant, strong HCl reaction, structure(s): calcite veinlet, outcrop-scale, strong	97.06	1.46	0.87	0.305	0.268	391	131	255
Section 2018-01 (UTM 605210E, 5601906N)											
129060	Tq	3	**Lime Mudstone,** light grey weathered, light brown to light grey fresh, micritic, massive, resistant, strong HCl reaction, structure(s): calcite veinlet, outcrop-scale, moderate	98.27	1.36	0.27	0.089	0.041	357	36	102
129061	Tq	2.5	**Slightly Dolomitic Lime Mudstone,** light grey weathered, very-light brown to light grey fresh, micritic, massive, resistant, moderate HCl reaction, structure(s): calcite veinlet, outcrop-scale, moderate	96.91	2.51	0.31	0.112	0.044	590	20	50
129062	Tq	4	**Slightly Dolomitic Lime Mudstone,** light grey weathered, very-light brown to light grey fresh, micritic, massive, resistant, moderate HCl reaction, structure(s): calcite veinlet, outcrop-scale, moderate	96.59	2.99	0.22	0.088	0.035	401	26	50

Sample	Strat Unit	Strat Tkns (m)	Description	$CaCO_3$ (%)	$MgCO_3$ (%)	SiO_2 (%)	Al_2O_3 (%)	Fe_2O_3 (%)	SrO (ppm)	MnO (ppm)	P_2O_5 (ppm)
Section 2018-02 (UTM 605272E, 5601765N)											
129065	Tq	3.25	**Lime Mudstone,** light grey to medium grey weathered, light grey fresh, micritic, massive, resistant, moderate HCl reaction, structure(s): fracture, outcrop-scale, moderate; calcite veinlet, outcrop-scale, moderate	97.93	0.94	0.62	0.240	0.151	1064	33	182
129066	Tq	3.5	**Lime Mudstone,** light grey to medium grey weathered, light grey fresh, micritic, massive, resistant, moderate HCl reaction, structure(s): fracture, outcrop-scale, moderate; calcite veinlet, outcrop-scale, moderate	97.61	0.86	0.96	0.272	0.193	533	64	133
129067	Tq	2.5	**Lime Mudstone,** light grey to medium grey weathered, light grey fresh, micritic, massive, resistant, moderate HCl reaction, structure(s): fracture, outcrop-scale, moderate; calcite veinlet, outcrop-scale, moderate	98.32	1.13	0.30	0.134	0.062	581	22	50
Section 2018-03 (UTM 605105E, 5601151N)											
129074	Tq	3	**Lime Mudstone,** light grey to medium grey weathered, tan fresh, cryptocrystalline, slightly resistant, moderate HCl reaction, structure(s): calcite veinlet, outcrop-scale, weak	99.13	0.65	0.07	0.054	0.040	477	74	128
129075	Tq	3	**Lime Mudstone,** light grey to medium grey weathered, tan fresh, cryptocrystalline, slightly resistant, moderate HCl reaction, structure(s): calcite veinlet, outcrop-scale, moderate	99.04	0.65	0.16	0.061	0.040	531	70	167

APPENDIX 5: ASSAY RESULTS – CENTRAL ANALYTICAL LABORATORY OF GRAYMONT WESTERN U.S. INC

Lab ID	Date	Plant	Lab Owner	Type	Sample	$CaCO_3$	$MgCO_3$	Fe_2O_3	Al_2O_3	SrO	MnO	SiO_2	BaO	K_2O	Na_2O	P_2O_5	TiO_2	ICP Total	CO2	Sulfur	LOI 1000 C
						%	%	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	%	%	%
2018091403	16/7/18	202	202	Limestone	Varney_Claim_129025	96.15	2.59	0.077	0.092	276	73	1.23	4	<30	38	114	19	100.19	43.93	0.028	43.08
2018091410	16/7/18	202	202	Limestone	Varney_Claim_129051	96.20	2.41	0.223	0.108	423	123	1.08	5	<30	36	245	28	100.10	44.02	0.055	43.61
2018091411	16/7/18	202	202	Limestone	Varney_Claim_129052	97.16	2.18	0.206	0.128	414	106	0.31	4	<30	28	245	36	100.07	43.89	0.067	43.82
2018091412	16/7/18	202	202	Limestone	Varney_Claim_129053	98.63	0.73	0.123	0.130	418	117	0.39	4	<30	57	119	24	100.08	44.38	0.037	43.88
2018091413	16/7/18	202	202	Limestone	Varney_Claim_129054	98.24	1.26	0.069	0.112	349	59	0.34	3	<30	41	<100	17	100.06	44.32	0.047	43.80
2018091414	16/7/18	202	202	Limestone	Varney_Claim_129055	98.18	0.88	0.093	0.195	404	63	0.67	4	<30	108	<100	46	100.08	43.62	0.057	43.35
2018091415	16/7/18	202	202	Limestone	Varney_Claim_129056	97.08	0.96	0.041	0.170	579	69	1.65	5	74	152	933	6	100.08	43.36	0.029	42.94
2018091416	16/7/18	202	202	Limestone	Varney_Claim_129057	95.75	0.67	0.054	0.181	421	144	3.17	4	127	76	1222	21	100.03	42.71	0.024	41.84
2018091417	16/7/18	202	202	Limestone	Varney_Claim_129058	98.56	0.65	0.048	0.093	487	32	0.65	3	<30	67	<100	10	100.06	44.52	0.035	43.55
2018091418	16/7/18	202	202	Limestone	Varney_Claim_129059	98.34	0.77	0.087	0.145	459	42	0.61	3	<30	55	<100	46	100.02	43.83	0.030	43.35
2018091419	16/7/18	202	202	Limestone	Varney_Claim_129060	98.27	1.36	0.041	0.089	357	36	0.27	2	<30	39	102	5	100.08	44.46	0.027	43.47
2018091420	16/7/18	202	202	Limestone	Varney_Claim_129061	96.91	2.51	0.044	0.112	590	20	0.31	2	<30	67	<100	41	99.96	44.95	0.036	43.93
2018091421	16/7/18	202	202	Limestone	Varney_Claim_129062	96.59	2.99	0.035	0.088	401	26	0.22	2	<30	56	<100	6	99.98	44.84	0.037	43.97
2018091422	16/7/18	202	202	Limestone	Varney_Claim_129063	99.15	0.61	0.017	0.057	453	30	0.12	2	<30	49	<100	<3	100.00	45.01	0.017	43.63
2018091423	16/7/18	202	202	Limestone	Varney_Claim_129064	98.63	0.86	0.042	0.104	401	26	0.29	2	121	106	<100	14	99.99	45.18	0.032	43.86
2018091424	16/7/18	202	202	Limestone	Varney_Claim_129065	97.93	0.94	0.151	0.240	1064	33	0.62	3	204	127	182	105	100.06	44.34	0.049	43.58
2018091425	16/7/18	202	202	Limestone	Varney_Claim_129066	97.61	0.86	0.193	0.272	533	64	0.96	4	276	93	133	104	100.01	44.21	0.063	43.47
2018091426	16/7/18	202	202	Limestone	Varney_Claim_129067	98.32	1.13	0.062	0.134	581	22	0.30	4	<30	74	<100	30	100.02	45.00	0.033	43.81
2018091427	16/7/18	202	202	Limestone	Varney_Claim_129068	92.40	7.03	0.055	0.092	480	33	0.26	2	<30	59	<100	8	99.89	45.34	0.031	44.23
2018091428	16/7/18	202	202	Limestone	Varney_Claim_129069	98.82	0.77	0.038	0.083	383	43	0.25	2	<30	34	<100	12	100.02	44.68	0.027	43.95
2018091429	16/7/18	202	202	Limestone	Varney_Claim_129070	93.76	4.29	0.223	0.057	325	117	1.80	5	<30	<20	<100	9	100.17	44.18	0.029	43.57
2018091430	16/7/18	202	202	Limestone	Varney_Claim_129071	97.52	1.46	0.145	0.066	387	85	0.83	3	<30	57	<100	<3	100.08	43.51	0.060	43.60
2018091431	16/7/18	202	202	Limestone	Varney_Claim_129072	99.02	0.69	0.028	0.080	479	25	0.16	2	78	47	<100	<3	100.04	44.08	0.022	43.54
2018091432	16/7/18	202	202	Limestone	Varney_Claim_129073	99.00	0.71	0.020	0.077	539	23	0.13	2	62	36	<100	3	100.01	44.20	0.023	43.75
2018091433	16/7/18	202	202	Limestone	Varney_Claim_129074	99.13	0.65	0.040	0.054	477	74	0.07	3	<30	27	128	<3	100.01	44.03	0.027	43.94
2018091434	16/7/18	202	202	Limestone	Varney_Claim_129075	99.04	0.65	0.040	0.061	531	70	0.16	2	<30	<20	167	<3	100.03	44.78	0.018	43.76
2018091435	16/7/18	202	202	Limestone	Varney_Claim_129101	94.65	1.61	0.106	0.339	354	70	3.32	3	73	124	675	67	100.16	42.51	0.078	42.51
2018091436	16/7/18	202	202	Limestone	Varney_Claim_129102	85.96	0.75	0.082	0.204	335	107	13.16	5	160	82	450	27	100.27	37.76	0.041	37.83
2018091437	16/7/18	202	202	Limestone	Varney_Claim_129103	62.41	36.55	0.388	0.090	108	215	0.53	2	<30	99	171	13	100.03	46.84	0.017	46.34
2018091438	16/7/18	202	202	Limestone	Varney_Claim_129104	85.53	12.70	0.219	0.240	287	118	1.21	4	<30	73	353	77	99.99	44.80	0.056	44.36
2018091439	16/7/18	202	202	Limestone	Varney_Claim_129105	97.06	1.46	0.268	0.305	391	131	0.87	6	83	72	255	177	100.08	43.65	0.089	43.55

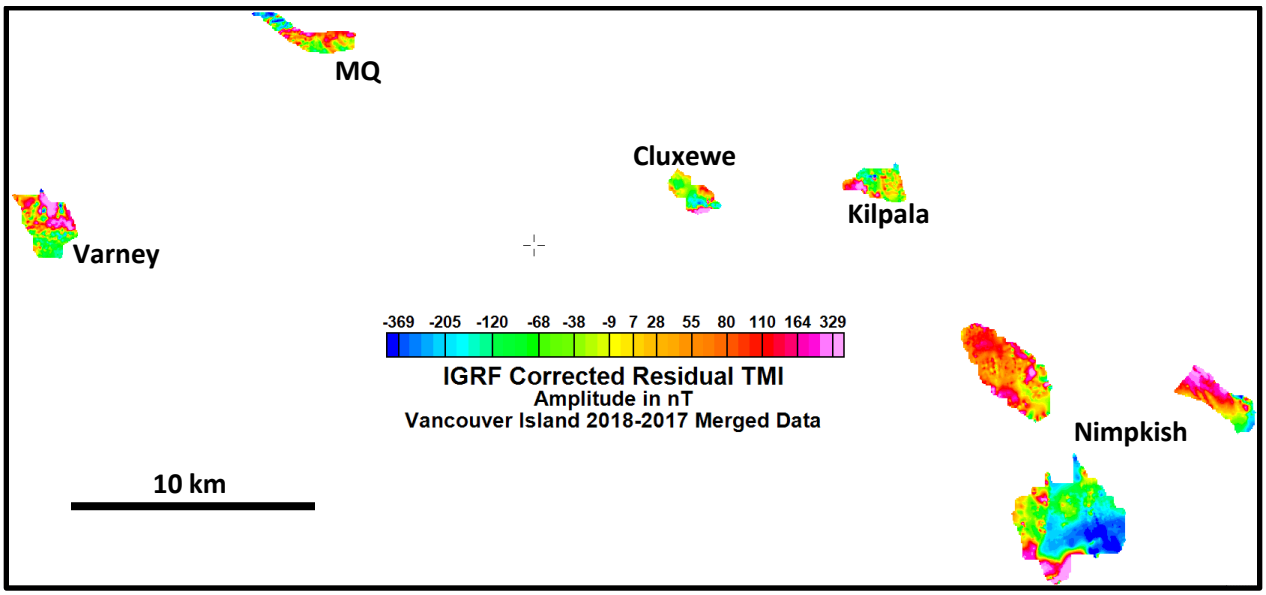
APPENDIX 6: STATEMENT OF QUALIFICATIONS

K. Krueger is a geological consultant with Dahrouge Geological Consulting Ltd. based in Edmonton, Alberta. She obtained a degree in Geology from the University of Alberta, Edmonton in 2012 and has been employed in the mineral exploration industry since. She is registered as a professional geoscientist (P.Geo.) with the Association of Professional Engineers and Geoscientists of Alberta.

APPENDIX 7: QA-QC AND PROCESSING OF THE 2018 VANCOUVER ISLAND GROUND MAGNETIC DATA

A REPORT BY E. CUNION OF
RED ROCKS GEOPHYSICAL CONSULTING

QA/QC and Processing of the 2018 Vancouver Island Ground Magnetic Data, Report by Red Rocks Geophysical Consulting



November 2018
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Introduction

This report discusses the quality assessment and quality control (QA/QC) of the 2018 Vancouver Island (V-I) ground magnetic data from five properties Varney, MQ, Cluxewe, Kilpala and Nimpkish, northern British Columbia (Figure 1). The field data was collected by Dahrouge Consulting from May 18th to June 20th 2018. The grid images in Figure 1 are the full unedited base corrected field magnetic data as delivered. The five properties are comprised of 7 grids, the three easternmost being on one Nimpkish property.

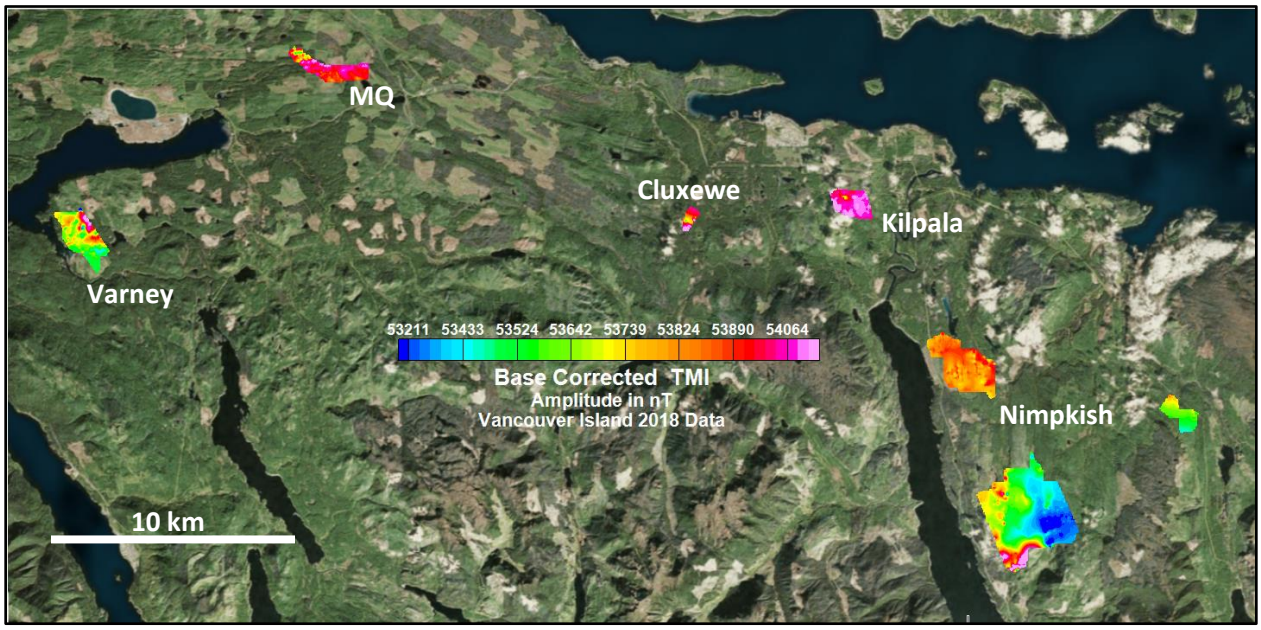

Figure 1. Vancouver Island 2018 surveying base corrected TMI grids and QA/QC edited reading sites.

The Oasis Montaj[1] (OM) software was used to process the data. The data was collected with Gem Systems GSM-19 magnetometers, both as base stations to collect diurnal data and field rovers to collect field data in mobile staff and walkmag mode. All data is projected using the NAD83 UTM zone 9 North coordinates. There were a total of 202122 edited 2018 database readings retained that generated the Figure 1 image.

[1] Oasis Montaj is a product of Geosoft Inc. Toronto, Ontario.

Magnetic Survey Data QA/QC and Processing

Prior to OM processing, the Gemlink[2] software was used for base station diurnal corrections of uncorrected field rover data. The data was in varying condition as delivered for processing with the original larger walkmag files being mixed base station, mobile and walkmag file segments. Some days files also had mixed UTM and latitude and longitude coordinates, and there were initially some missing base stations files. Subsequently, base station data was later provided for all days, with the May 31st base data being incomplete, not covering all rover readings. For this reason, the INTERMAGNET Victoria (VIC) magnetic data from the observatory in Victoria, BC was used for May 31st . The Victoria base was a close approximation of Gem base data after a base level offset was applied to the VIC base readings.

Magnetic reading signal quality numbers ranged from 9 to 99 with 99 being the highest quality, the majority of 2018 readings had high signal quality. Areas of high magnetic gradient though, can cause magnetic signal drop outs, and return lower signal quality numbers. The most extreme individual data spikes were manually deleted from the 2018 data that could be due to off-vertical sensor geometry, with broader regions of smaller spikes retained in the idea these may be due to magnetic culture or unusual geology such as magnetite skarns. The final edited 2018 database has 202122 readings. After QC the 2018 V-I data was merged with the 2017 magnetic survey data that covers the same five properties; the 307789 readings from 2017 produced a merged 2018-2017 database comprised of 509911 readings total.

Diurnal Corrections

Dahrouge in most cases undertook the base station corrections for the mobile magnetometer rover data creating the diurnally corrected files. All diurnal corrections used the base station background value of 54000 nT. Some uncorrected May 31 data was re-run by Red Rocks through GEMLINK due to a few thousand uncorrected rover readings that used the VIC base station . Subsequently all base readings were extracted from the corrected data and further assessed using profile views. Spurious base station readings caused some spurious corrected magnetic readings; these spurious readings were manually removed by visual profile inspection.

[2] GEMLINK is a product of GEM Systems Markham, Ontario.

Beside obvious spurious data spikes, data noise may result as directional bias or heading errors of a few nT to a few tens of nT in amplitude that usually manifest as subtle linear offsets with walking surveys, they can arise from metal on one's person like keys, knives, or other personally carried ferrous metal when traversing. Different sensor heights can also cause subtle linear offsets, walkmag versus staff mag, mounting the sensor at different heights. Larger amplitude daily offsets of a few tens to a hundred or more nT on a survey grid can arise due to placement of base stations in different locations with different background magnetic responses, or background geomagnetic activity like storms.

GPS Locations

The walkmag GPS automatically position magnetic readings. Staff mounted sensor mobile magnetic readings had their GPS readings added in the field using hand-held GPS by the surveyors. The mobile magnetometer method requires post-survey positioning using external GPS units, as magnetometers without GPS were employed for the mobile staff magnetic surveying.

IGRF Corrections

After the data was local base station corrected, the International Geomagnetic Reference Field (IGRF) correction was applied to the data. This accounts for temporal changes in the earth's background magnetic field that also varies by location and elevation. For example, some large regional aeromagnetic surveys can have IGRF corrections in the hundreds of nT over a survey area. Removal of the IGRF affects from the diurnal corrected total magnetic intensity (TMI) data results in residual TMI data that has a mean of zero over a survey area with the positive and negative residual TMI only reflecting magnetic variations due to local ground changes in susceptibility. The IGRF (Figure 2) has an 81 nT database range over the complete raw survey area.

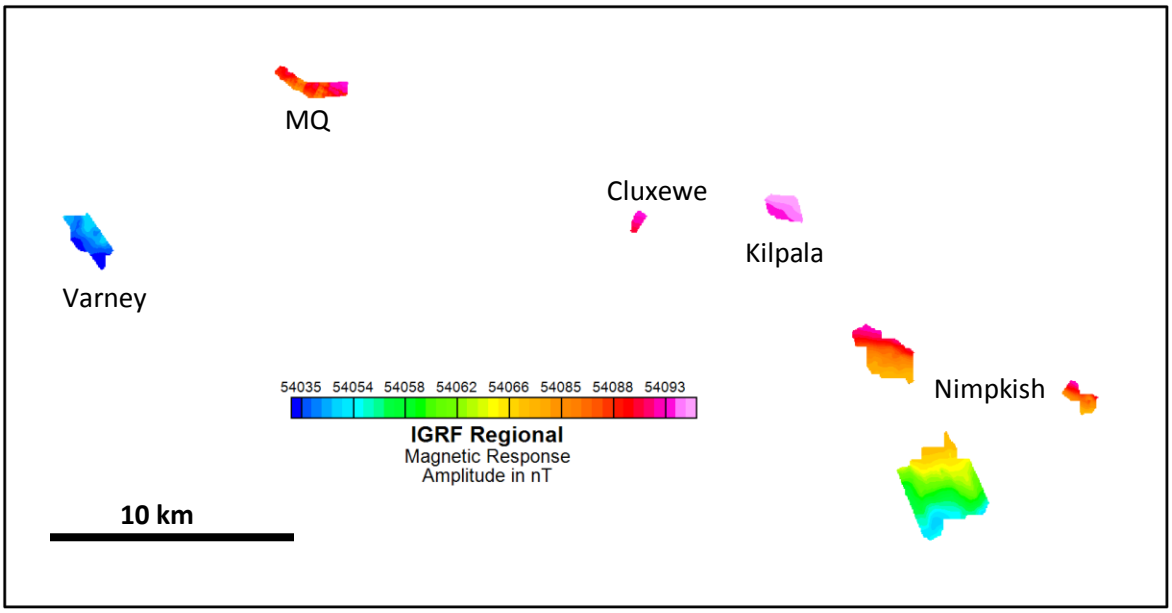

Figure 2. 2018 IGRF correction gridded TMI values across the V-I properties, TMI amplitude in nT.

Table 1 below shows the IGRF values and corrections used for the V-I regional 2018 data, processed as a whole. The first column in the table is the survey year. The second column (A) is the mean IGRF for the survey grid during the survey period. The third column (B) is the survey datum used by Dahrouge as the background magnetization. Column C is the mean IGRF for the survey subtracted from the datum. Column D is the mean IGRF subtracted from the mean of the corrected magnetic readings for the survey period. This is a correction factor that is subtracted from each datum corrected reading to push each reading in line with the mean survey IGRF. Column E is the mean corrected magnetic reading for a given years survey using the datum in column B. Column F is the IGRF corrected residual for each reading that has a mean of zero as it is adjusted to the mean IGRF for each survey. The math is (column E – column D) – column A. This is equal to each IGRF + diurnal corrected reading - value D (-206). The result of the above IGRF calculation are residual TMI values that are +/- the zero mean of the survey area and that

Table 1. 2017 Vancouver Island Regional IGRF Corrections

Survey Year	Survey Mean IGRF	Survey Datum Used	Difference Datum-Mean IGRF	Mean corrected magnetic-mean IGRF	Mean Datum Corrected Mag for year	Survey Res_Mag Mean = 0 Col(E-D) - A
2018	54081	54000	-81	-206	53875	0.00
Column	A	B	C	D	E	F

can be merged with future years data, to block level the annual data. If desired, a TMI offset can also be added to the zero-mean residual data, to bring the residual data up to the regional IGRF level for example. In this case, the mean regional IGRF number at a particular location for a particular year or time period during that year may be used as the offset. So too, could a local base station mean value be used. A local offset was not applied for this report.

For prospecting purposes, the local survey base and IGRF corrected TMI gridded responses are preferred over the regional grids like the ones seen in Figures 3 and 4. More subtle responses on local grids can be attenuated by higher amplitude responses on regional grids comprised of multiple gridded datasets, as individual local grids separated by tens of kilometres may see their responses suppressed by the kilometres-distant grids with stronger magnetic responses. For this reason, it was decided for this report, to calculate local survey grid mean residual responses for the five survey properties both 2018 and 2017, so they could be merged. This was done subsequent the 2018 regional residual mean calculations seen in Table 1, and done for the 2017 data (Cunion, 2017) and is discussed with Table 2 in a following section.

2018 Magnetic Products

The original raw 2018 magnetic data (Figure 1) was first converted to base station corrected data, and further QA/QC edited and processed to IGRF corrected residual TMI (Figures 3 and 4). Thirty "matched mobile magnetometer" files were also provided where hand held GPS locations were matched with mobile magnetometers without built-in GPS. These files were provided base station corrected. Most files, walkmag and walkmag-mobile, merge without obvious base level offsets between adjacent 2018 and 2017 datasets, but some matched mobile files showed obvious offsets, in some instances over 300 nT, at Nimpkish in particular. To remove the offsets, the affected 2018 lines with the most offset with 2017 line data were selectively pushed in line with the earlier 2017 data, by adding a constant offset to the 2018 lines to remove the line affects. These lines and their adjusting offsets are listed in Appendix 3.

The edited 2018 data has a magnetic relief of 9847 nT. Gridding, a smoothing operator, reduces this response range to about 850 nT as seen in Figures 3 and 4. The northernmost properties have the highest amplitude background responses, indicated by their red shades seen in Figure 3. Nimpkish has the higher range of background magnetic values across its three surveys, indicated by the blue to red grid shading seen on both regional images.

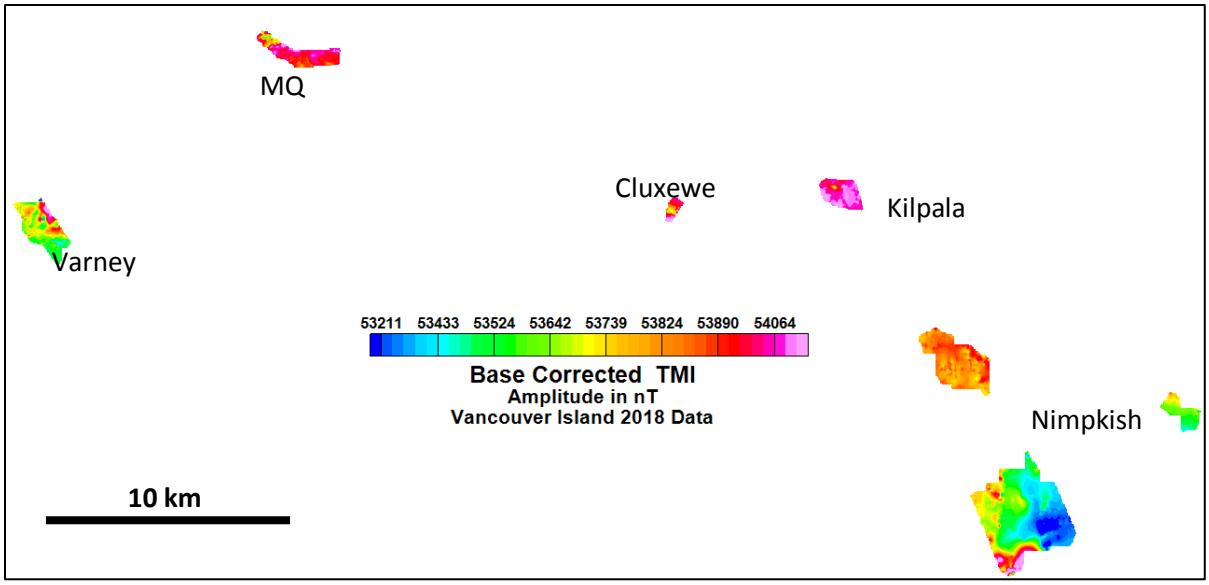

Figure 3. The 2018 regional base corrected TMI image with mean of 53874 nT and a range of 9847 nT.

As previously mentioned, regional processing of all five surveys simultaneously results in the gridding attenuation affects that are seen from Figure 3 with smaller local discrete responses being suppressed, the MQ and Kilpala grids for example are mapped primarily in smooth red shades. The IGRF image seen in Figure 2 was subtracted from Figure 3 to create the values in Figure 4 that shows local grid responses with higher resolution. Subsequently, the five properties' data were extracted from the 2018 database and individually gridded. The individual survey grids are seen with their statistics provided in the captions for Figures 5-14. The base station corrected TMI images (Figure 3) for each image are provided first, as they retain the regional IGRF background response recorded by the magnetometers, and each are followed by their IGRF corrected residual TMI image (Figure 4).

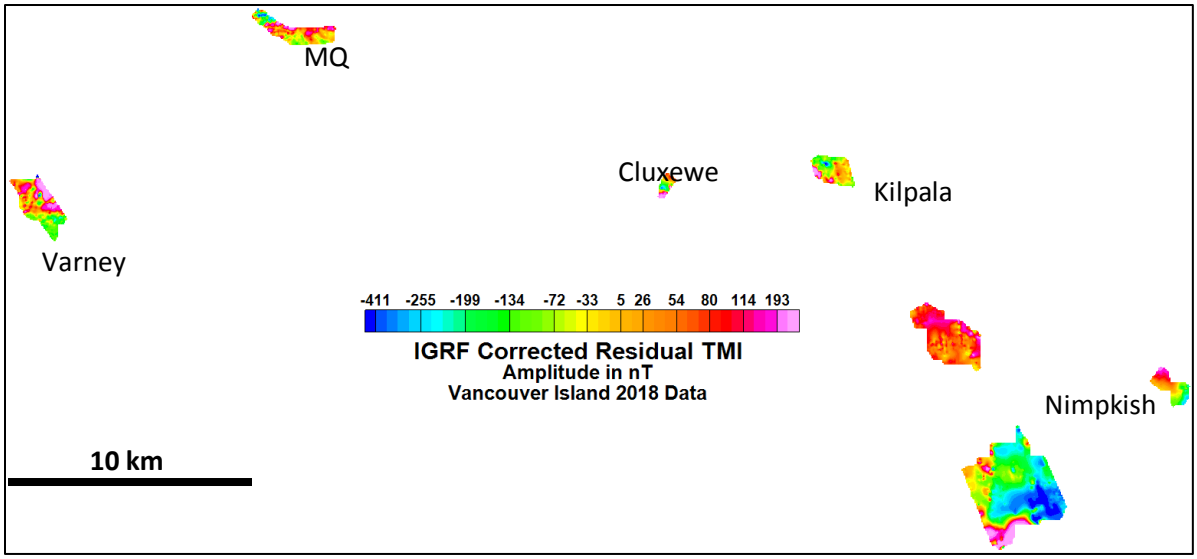

Figure 4. The 2018 residual TMI image with a mean of 4.14 nT and a range of 9772 nT.

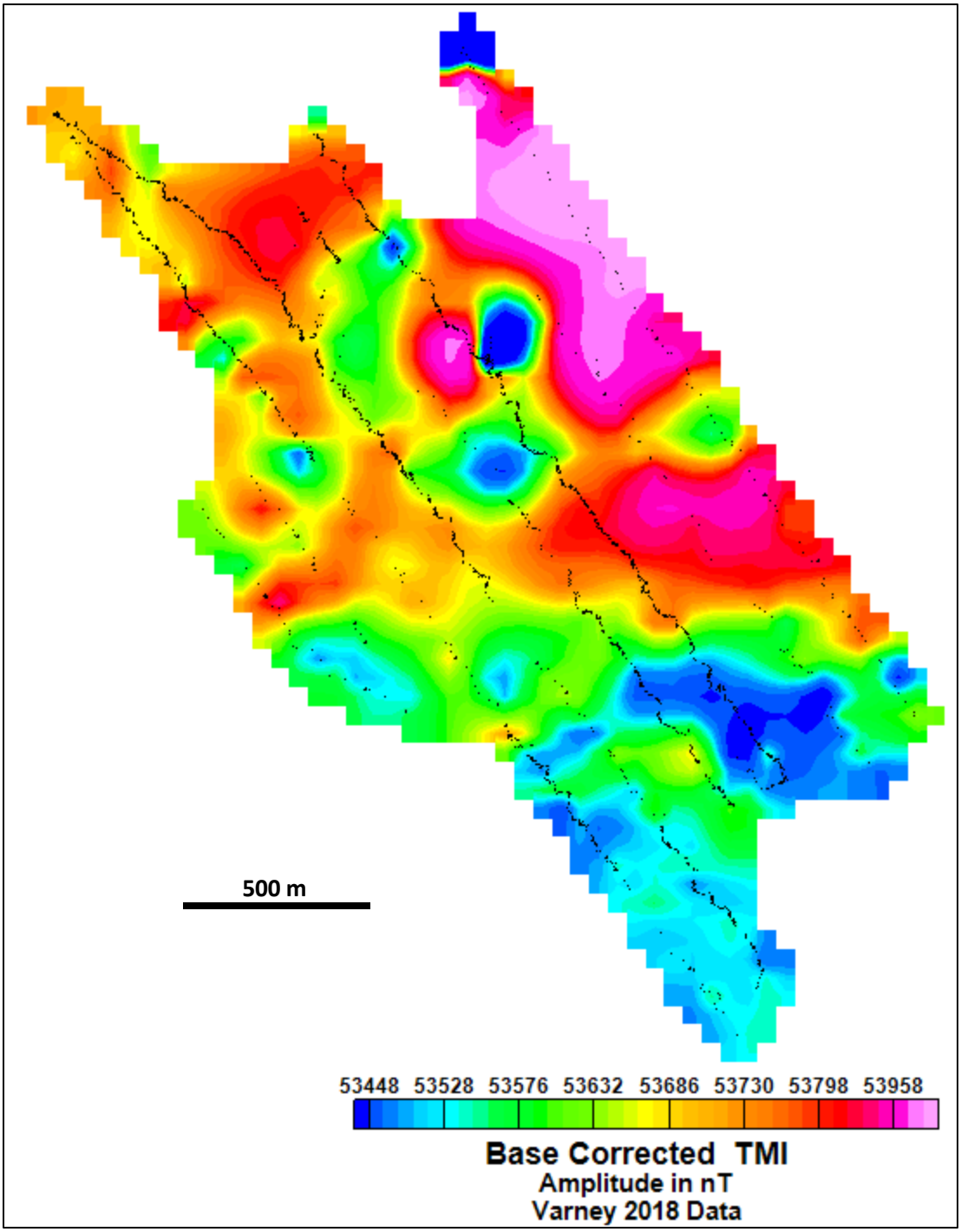

Figure 5. Varney 2018 base corrected TMI image, 50 m grid cell size, with a mean response value of 53655 nT and a range of 3471 nT. The dots on this image and all subsequent images are the reading sites.

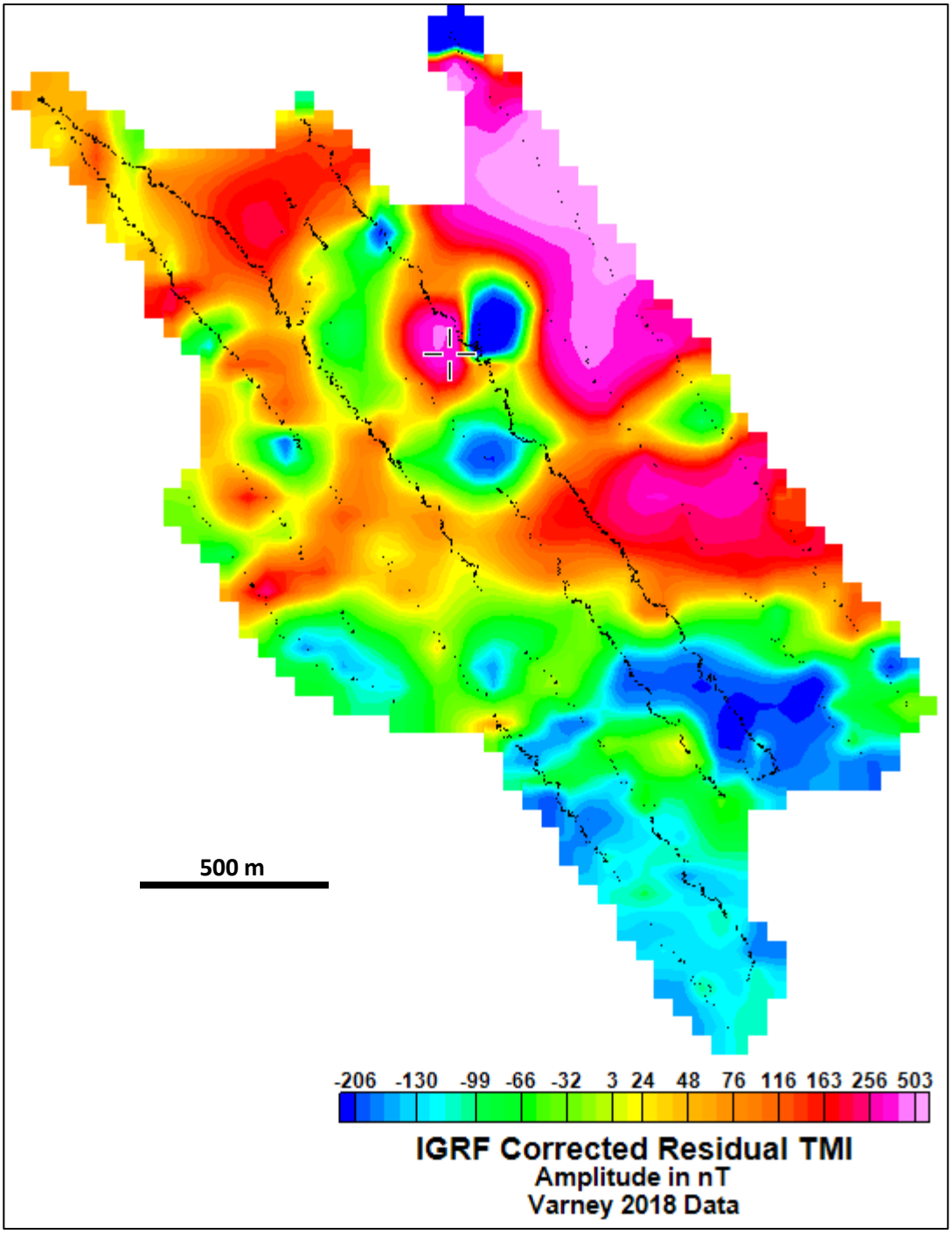

Figure 6. Varney IGRF corrected residual TMI image, 50 m grid cell size, with an adjusted mean response value of 0.00 nT and a TMI range of 3472 nT.

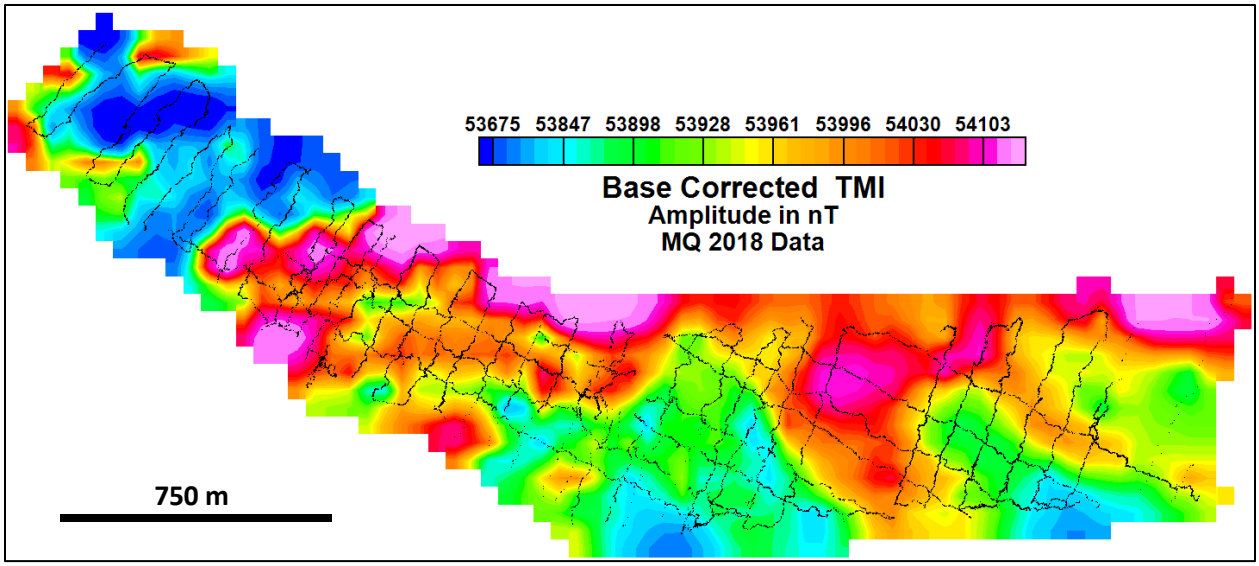

Figure 7. MQ base corrected TMI image, 50 m grid cell size, with a mean value of 53950 nT and a TMI range of 1195 nT.

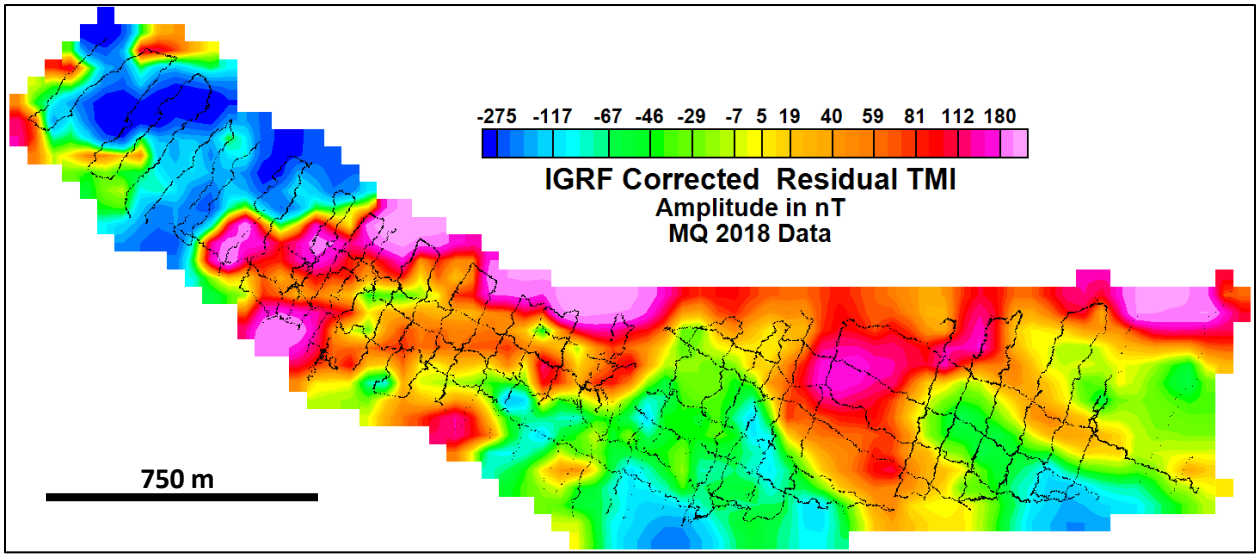

Figure 8. MQ IGRF corrected residual TMI image, 50 m grid cell size, with a mean value 0.00 nT with a TMI range of 1196 nT.

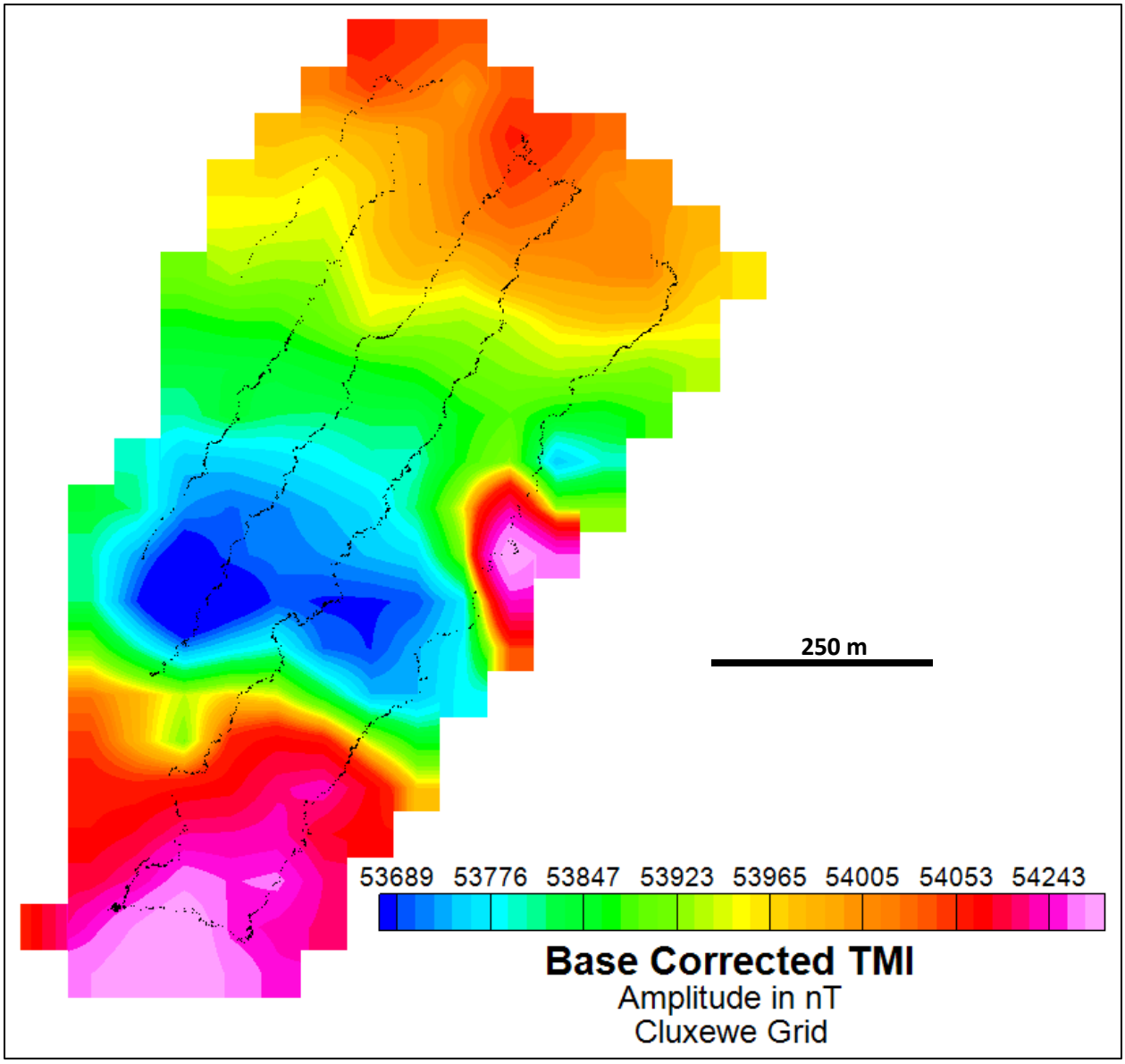

Figure 9. Cluxewe base corrected TMI image, 50 m grid cell size, with a mean value of 53947 nT and a TMI range of 1842 nT.

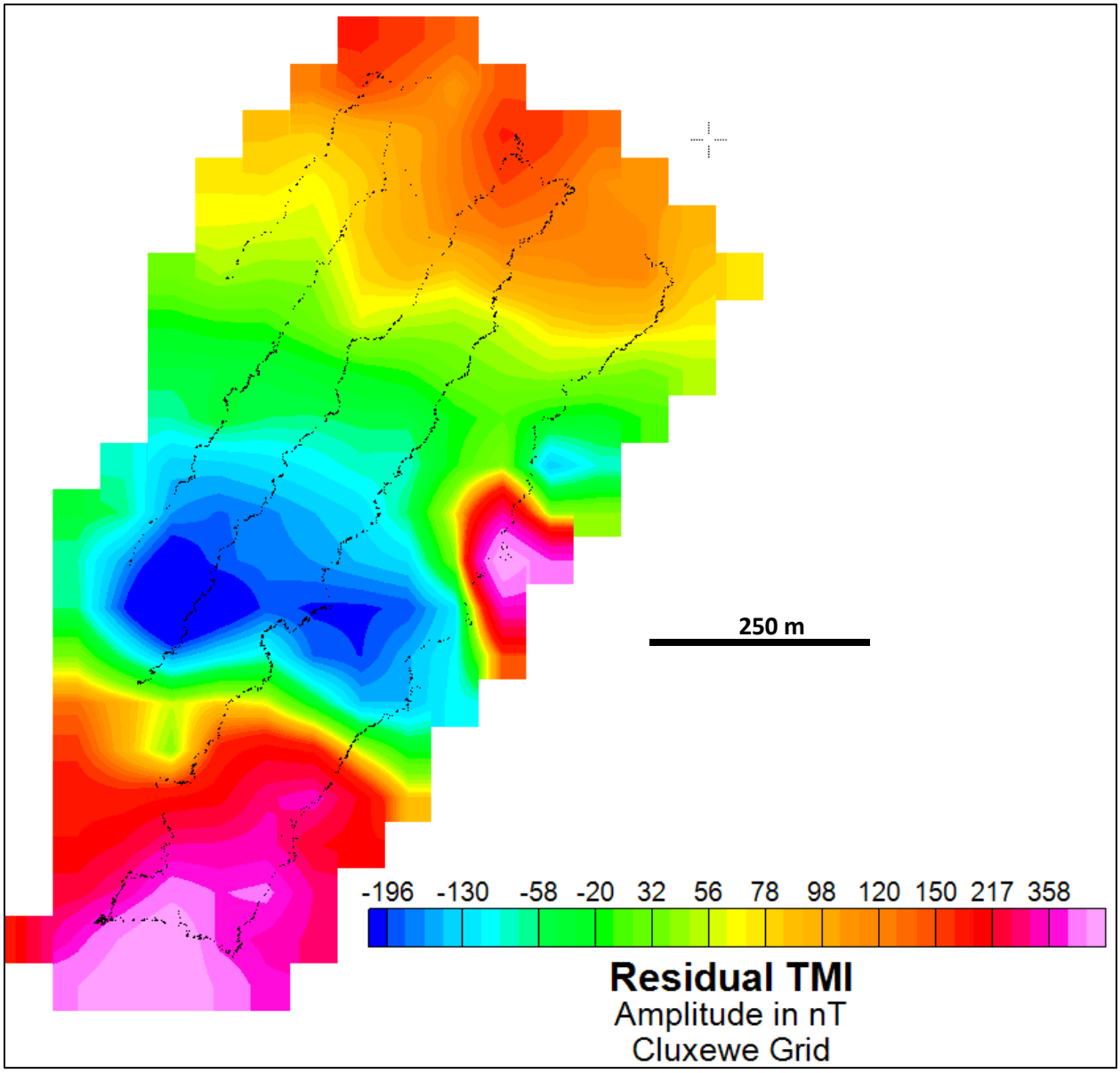

Figure 10. Cluxewe IGRF corrected residual TMI image, 50 m grid cell size, with a mean value of 0.00 nT and a TMI range of 1841 nT.

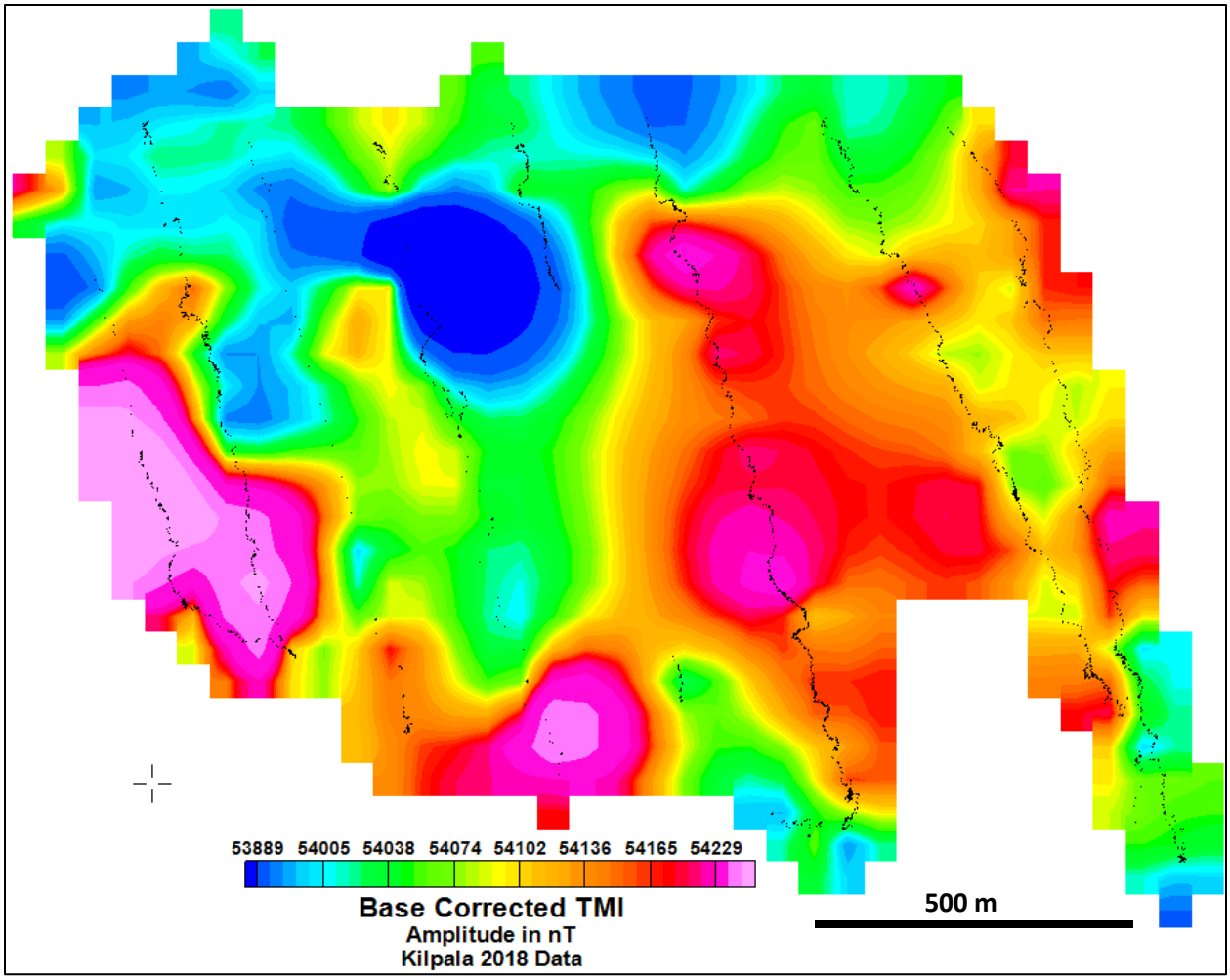

Figure 11. Kilpala base corrected TMI image, 50 m grid cell size, with a mean value of 54127 nT and a TMI range of 3081 nT.

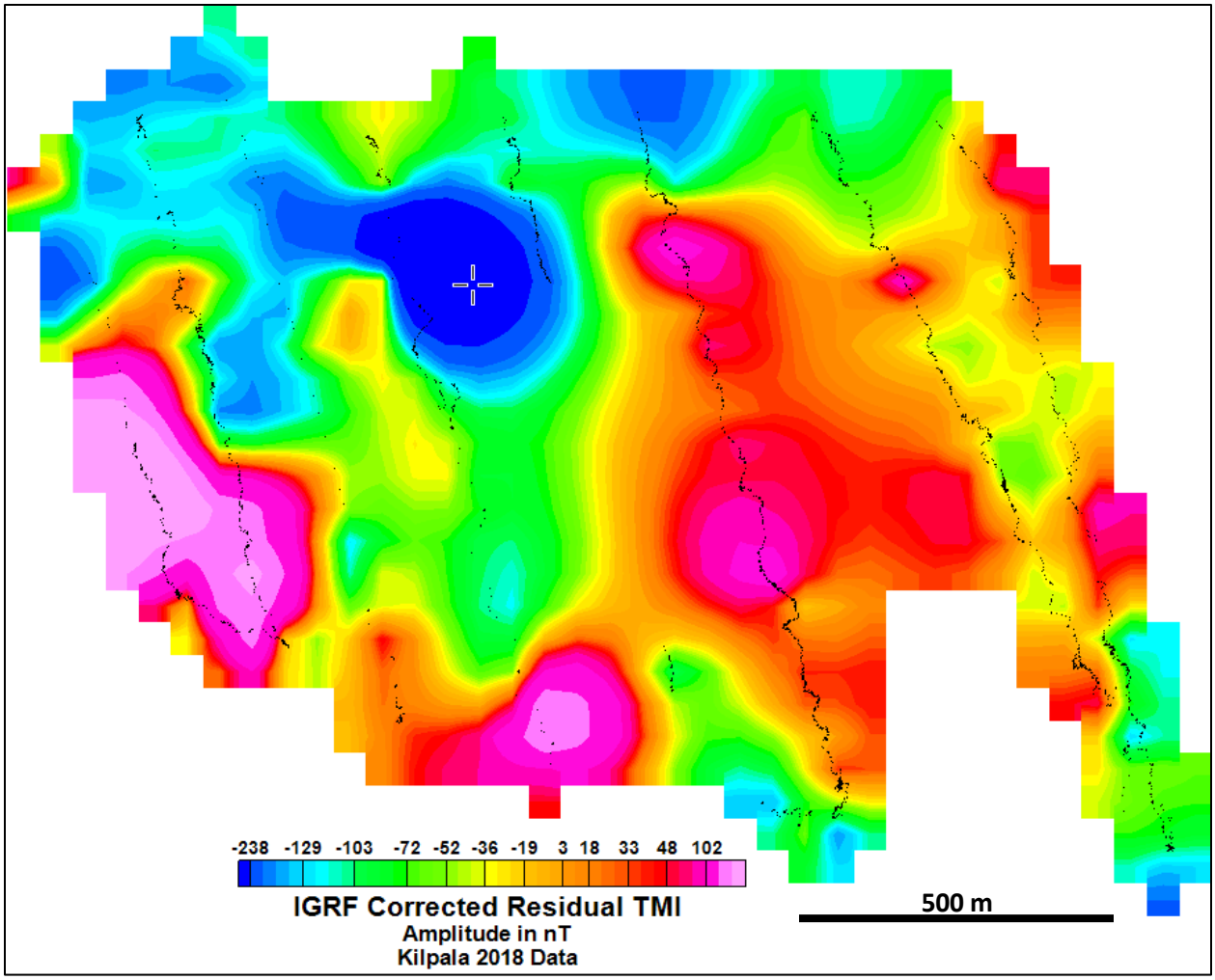

Figure 12. Kilpala IGRF corrected residual TMI image, 50 m grid cell size, with a mean value of -0.01 nT and a TMI range of 3083 nT.

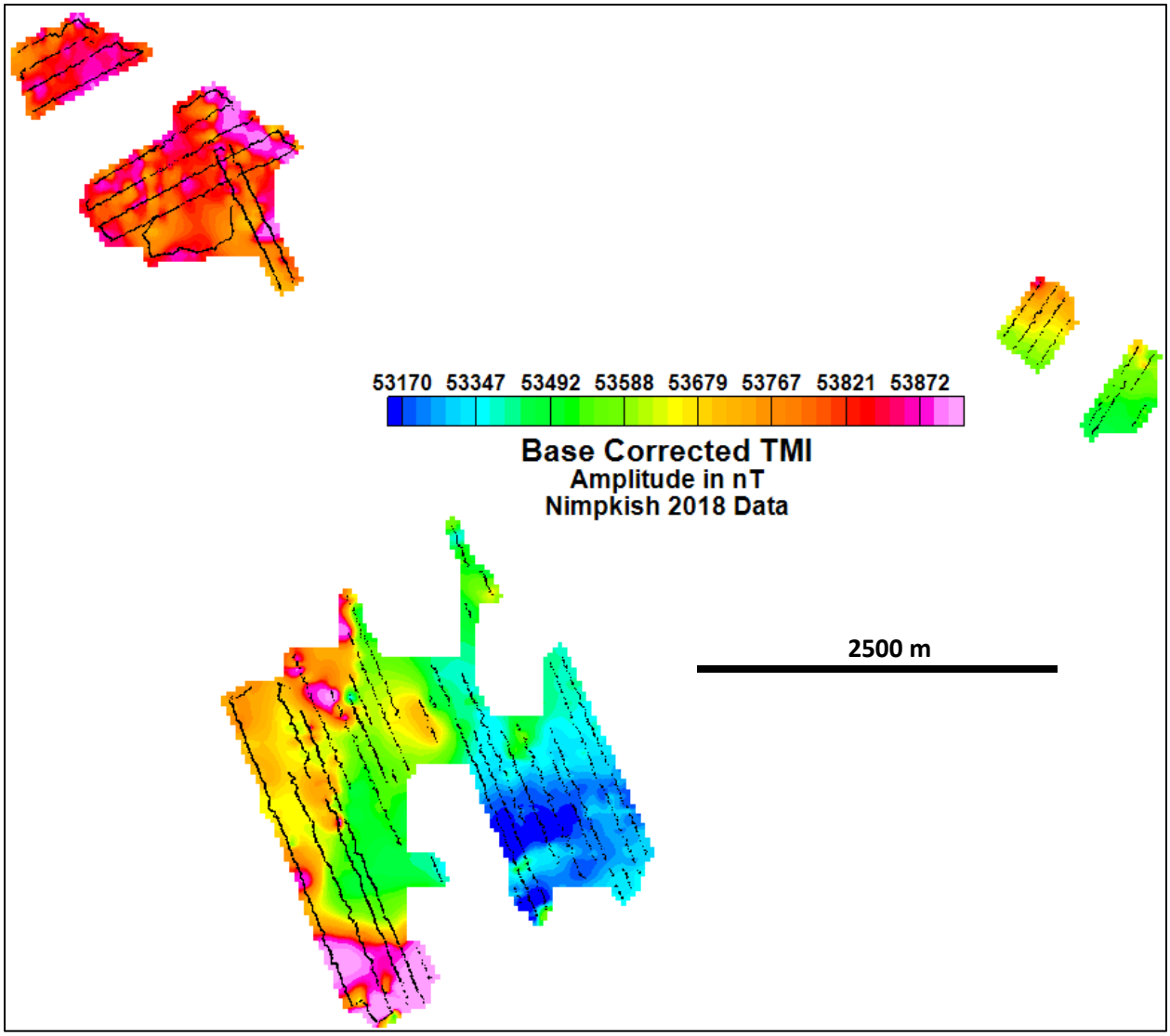

Figure 13. Nimpkish base corrected TMI image, 50 m grid cell size, with a mean value of 53752 nT and a TMI range of 8134 nT.

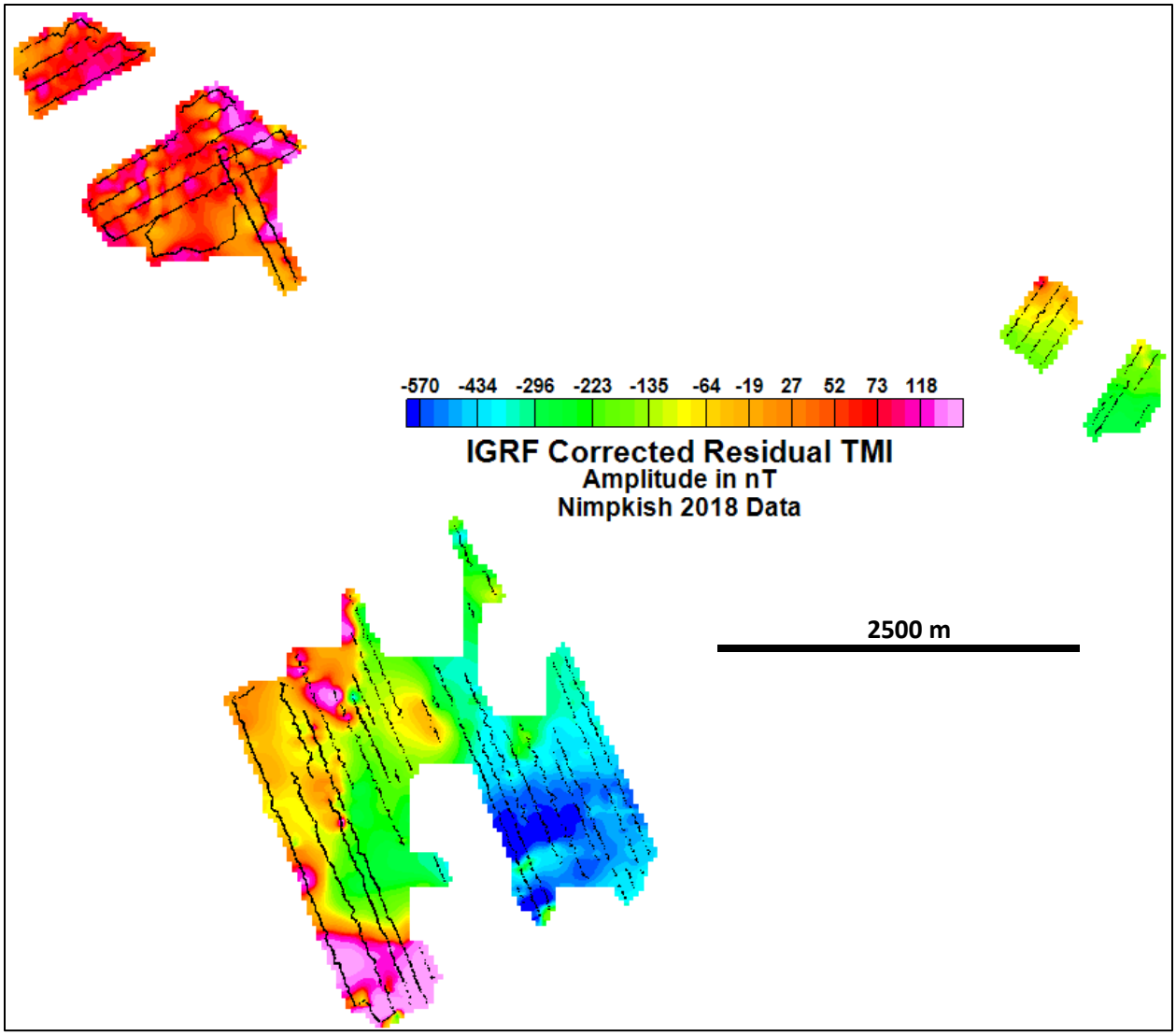

Figure 14. Nimpkish IGRF corrected residual TMI image, 50 m grid cell size, with a mean value 0.00 nT and a TMI range of 8136 nT.

Merged 2018 and 2017 Magnetic Products

The 2018 V-I data was merged with the 2017 QC edited V-I data (Cunion, 2017) covering the five properties. The edited merged data file is comprised of 509911 readings. Figure 15 is the merged base corrected TMI image. Line affects particularly at Nimpkish are noted in these data and are pointed out by the three arrows in Figure 15.

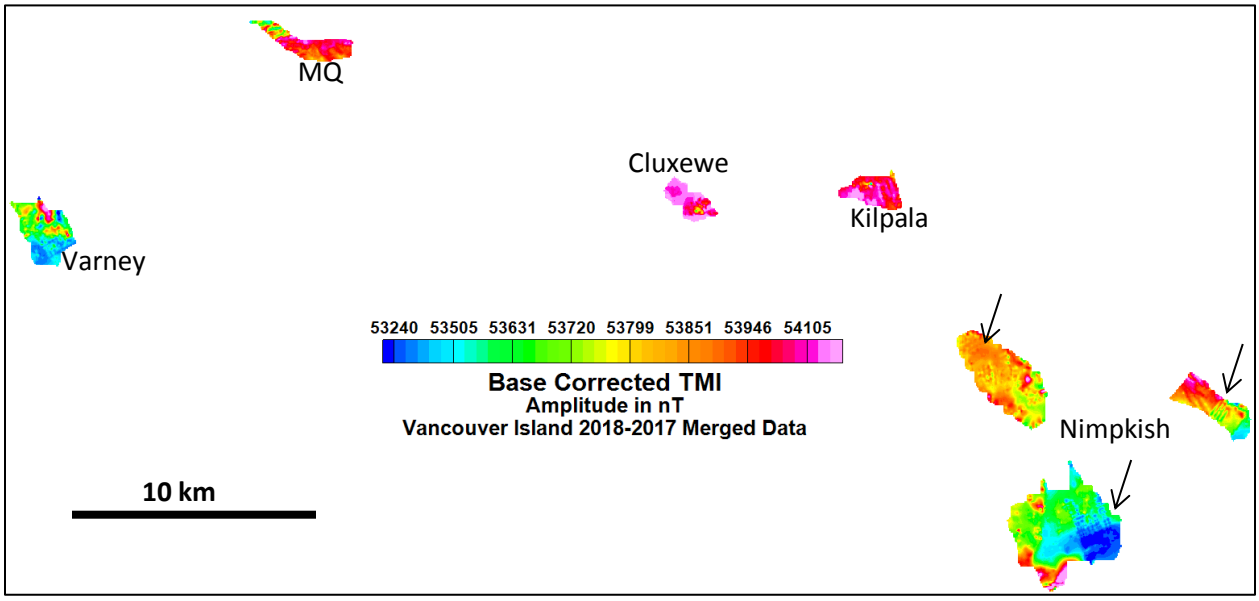

Figure 15. Merged 2018-2017 base corrected TMI image, 50 m grid cell size, with a mean grid value of 53831 nT and a database TMI range of ~9847 nT, and a color bar gridded range of 865 nT.

The Nimpkish 2018-2017 base level line offsets are not totally consistent ranging from 80 to 330 nT depending on the line segment, and are of unknown origin. The writer did check the space weather online though, and noticed there were active geomagnetic backgrounds on some survey days both in 2017 and 2018. Subsequently, two base level offsets, 180 and 30 nT, were added to selected Nimpkish lines (Appendix 3) as these seemed to adequately adjust the offset data on the east and south, and NW Nimpkish grids respectively.

Figure 16 is the merged IGRF-corrected TMI image with the abovementioned offsets applied. . The effect of IGRF removal along with recalculating and using the local grid mean residuals rather than the regional residuals (Table 2) results in higher resolution mapping on each individual grid. This is seen on all grids, but best seen on the more detailed color stretches on the MQ, Cluxewe and Kilpala grids.

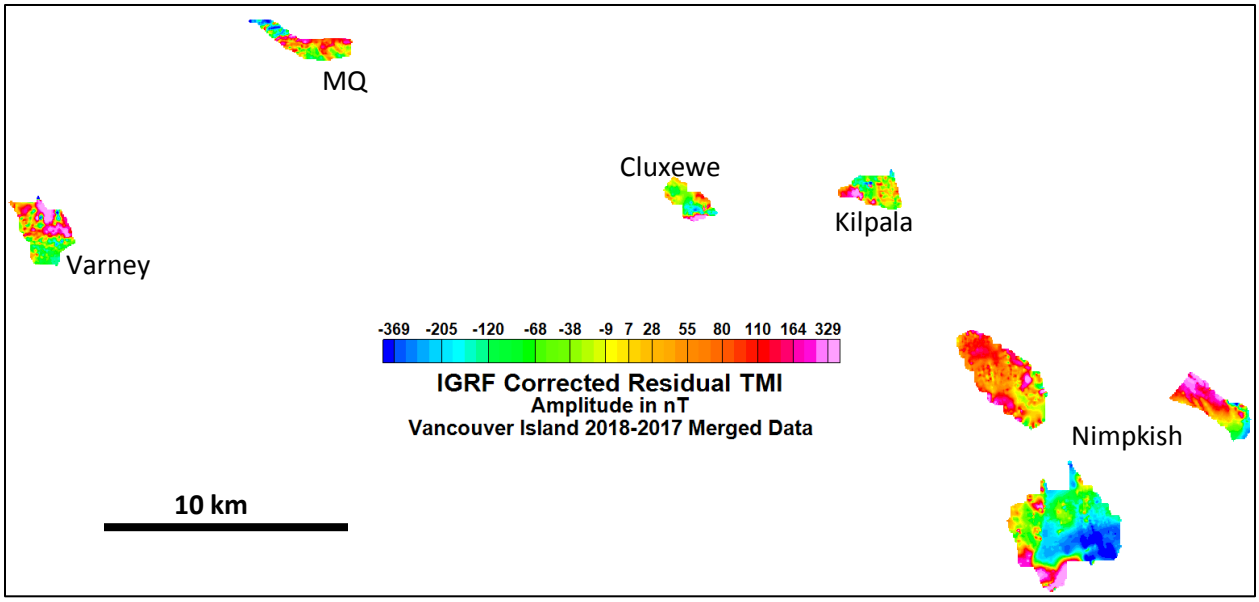

Figure 16. Merged 2018-2017 IGRF corrected residual TMI image, 50 m grid cell size, the raw data range is 9772 nT, with a mean of 1.64 nT, the color bar gridded range is 698 nT.

Table 2 below shows the 2018 and 2017 break-out of the five properties from the one regional zero mean residual calculation for each year. The table lists the five property mean TMI statistics, both base and IGRF corrected, and their yearly offsets used after the local data extraction. The green highlighted boxes are residual TMI offsets required to zero-mean the 2018 residual regional TMI means locally. The blue boxes are the offsets to zero the 2017 data. The yellow boxes are the 2018 mean residual TMI offset with the 2017 mean residual TMI. After the local survey means were calculated the numbers in the green and blue highlighted boxes were used to zero-mean the 2018 and 2017 survey data respectively. The 2018 Varney and Nimpkish data both had a 2nd zero mean calculation after a Dahrouge data review.

Table 2. 2018-2017 Merged data mean TMI and mean offset statistics

2018-2017	Varney	Varney	Varney	MQ	MQ	Cluxewe	Cluxewe	Kilpala	Kilpala	Nimpkish	Nimpkish	Nimpkish
Offset table	2018	2017	2018-edit	2018	2017	2018	2017	2018	2017	2018	2017	2018-edit
Mean corrected TMI	53654.79	53459.41	53654.57	53949.70	53931.13	53946.86	54195.24	54126.70	53983.14	53754.13	53744.83	53752.04
2018-2017 Offset	195.38		195.16	18.57		-248.38		143.56		9.3		
Mean residual TMI	-175.11	-301.82	-175.43	67.63	114.89	61.74	375.71	224.88	145.93	-112.60	-55.71	-114.55
2018-2017 Offset	126.71		126.39	-47.26		-313.97		78.95		-56.89		-58.84

Figures 17-26 are zoom-ins on the seven grids on the five properties, their individual grid statistics are seen in the Figure captions. The odd-numbered Figures are comprised of the merged base corrected TMI, the even-numbered Figures comprised of the IGRF corrected zero-mean residual TMI derived from Table 2 above. All TMI data was gridded using 50m cell sizes and only comprised of the base or IGRF corrected data from each individual property. Only the offset IGRF residual mean values were leveled.

The base corrected and IGRF corrected residual TMI grids are similar for all of five survey cases; with the Kilpala grid (Figures 23-24) having the most difference between the base and IGRF corrected TMI. The Nimpkish base corrected grid also, retains the line noise affects present in the original raw data. The individual line-leveling offsets were subsequently applied to the Nimpkish residual TMI data only, resulting in the leveled TMI image seen in Figure 26 that is free of most line offsets.

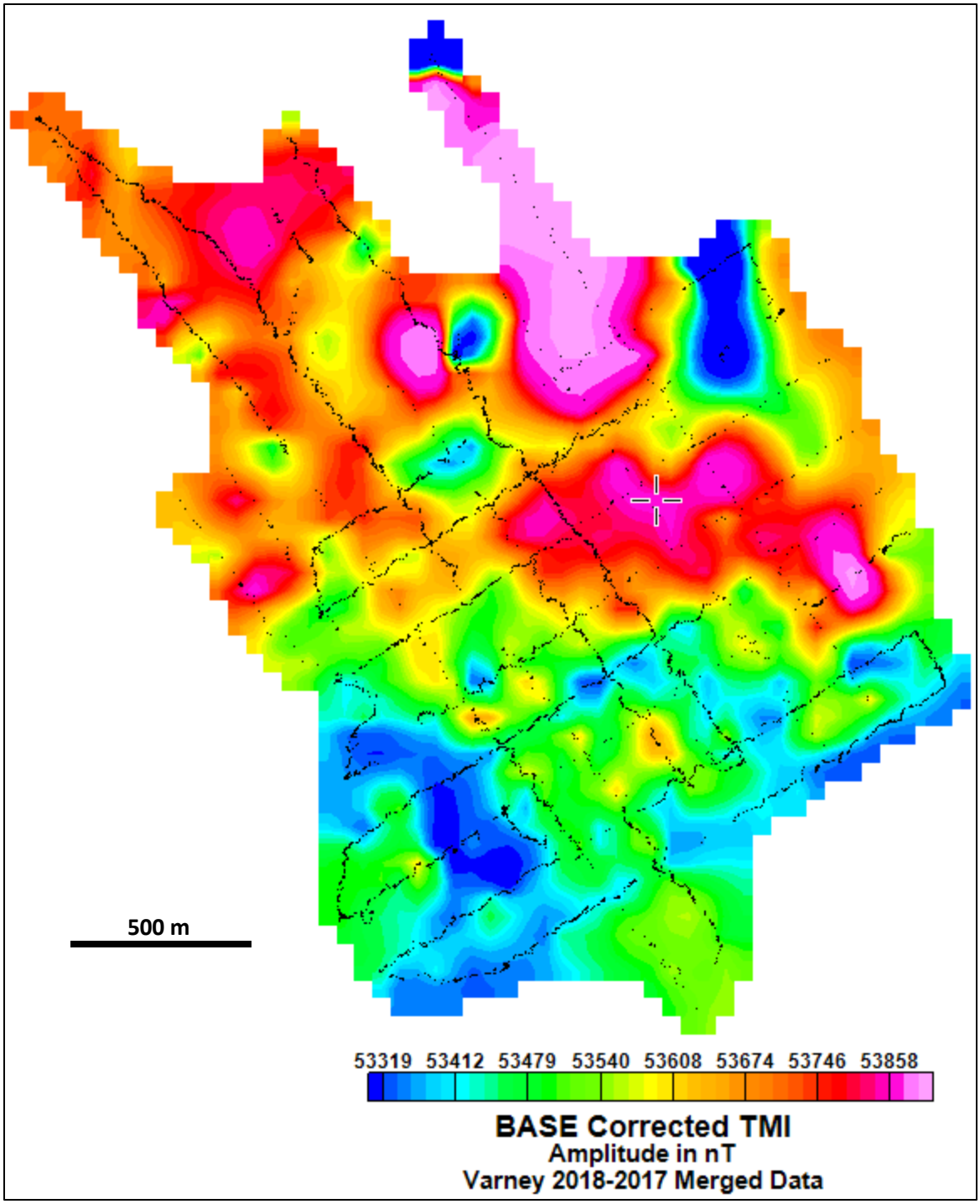

Figure 17. Varney base corrected TMI image, 50 m grid cell size, with a mean value of 53540 nT and a TMI range of 3471 nT.

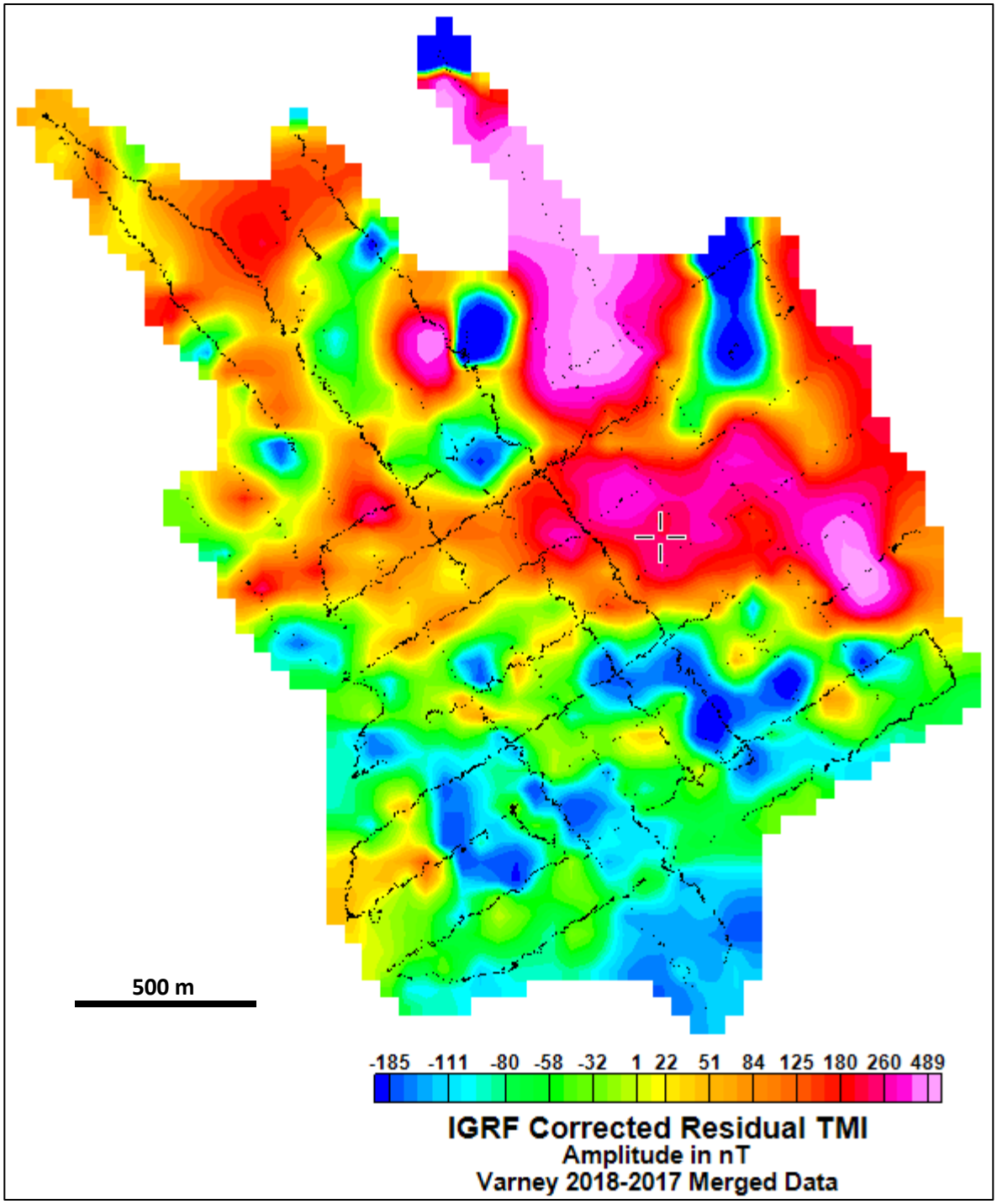

Figure 18. Varney IGRF corrected residual TMI image, 50 m grid cell size, with a mean value of 0.00 nT and a TMI range of 3485 nT.

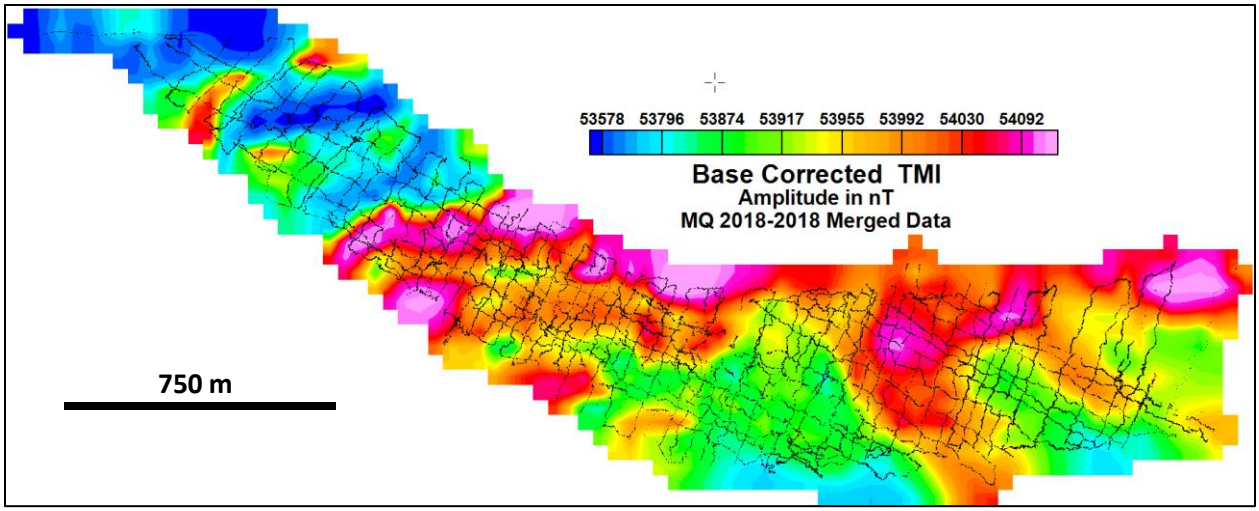

Figure 19. MQ base corrected TMI image, 50 m grid cell size, with a mean value of 53941 nT and a TMI range of 1287 nT.

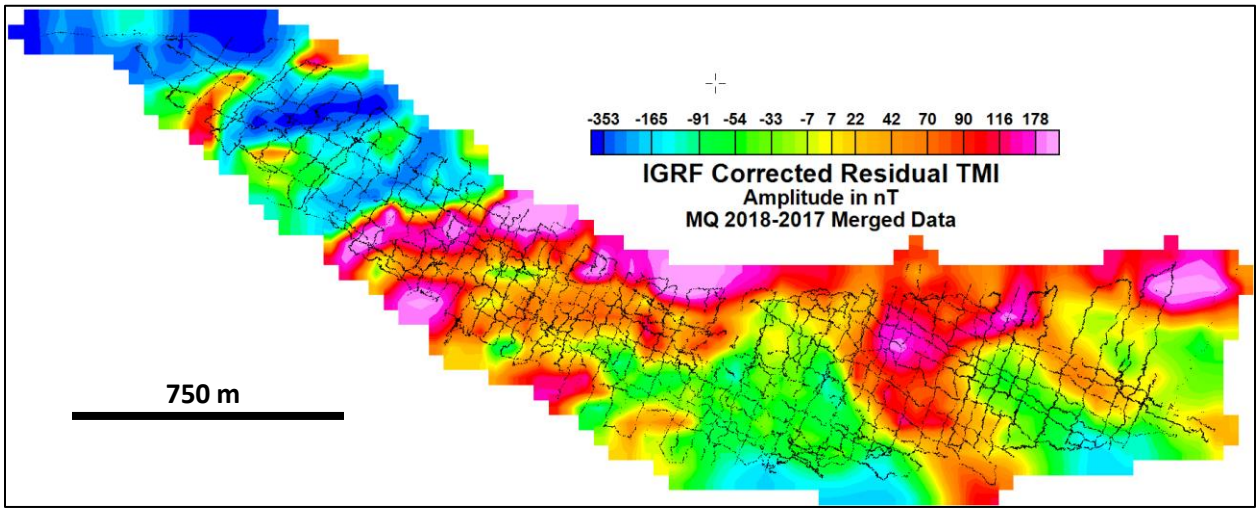

Figure 20. MQ IGRF corrected residual TMI image, 50 m 1grid cell size, with a mean value 0.00 nT and a TMI range of 1269 nT.

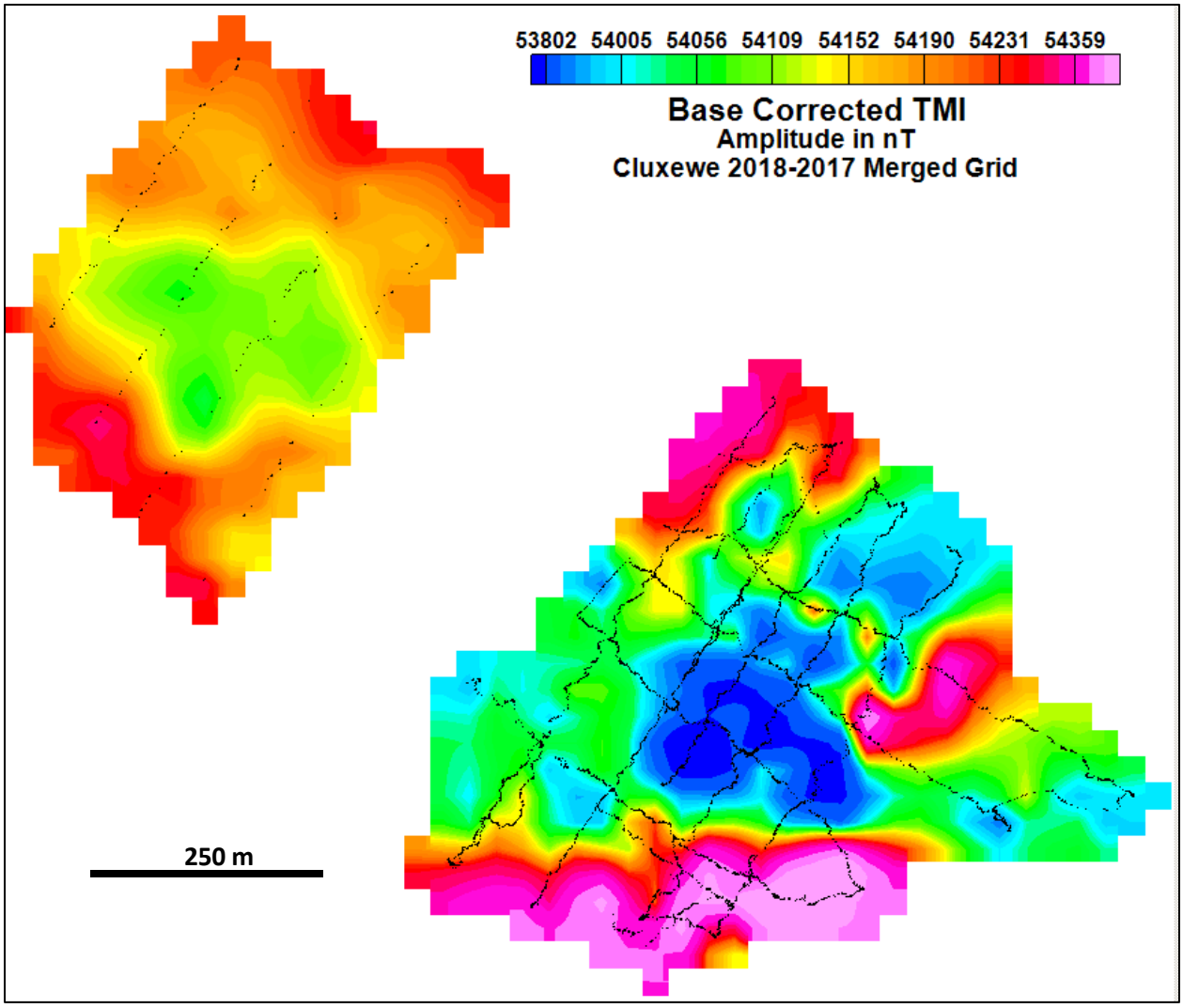

Figure 21. Cluxewe base corrected TMI image, 50 m grid cell size, with a mean value of 54101 nT and a TMI range of 1927 nT.

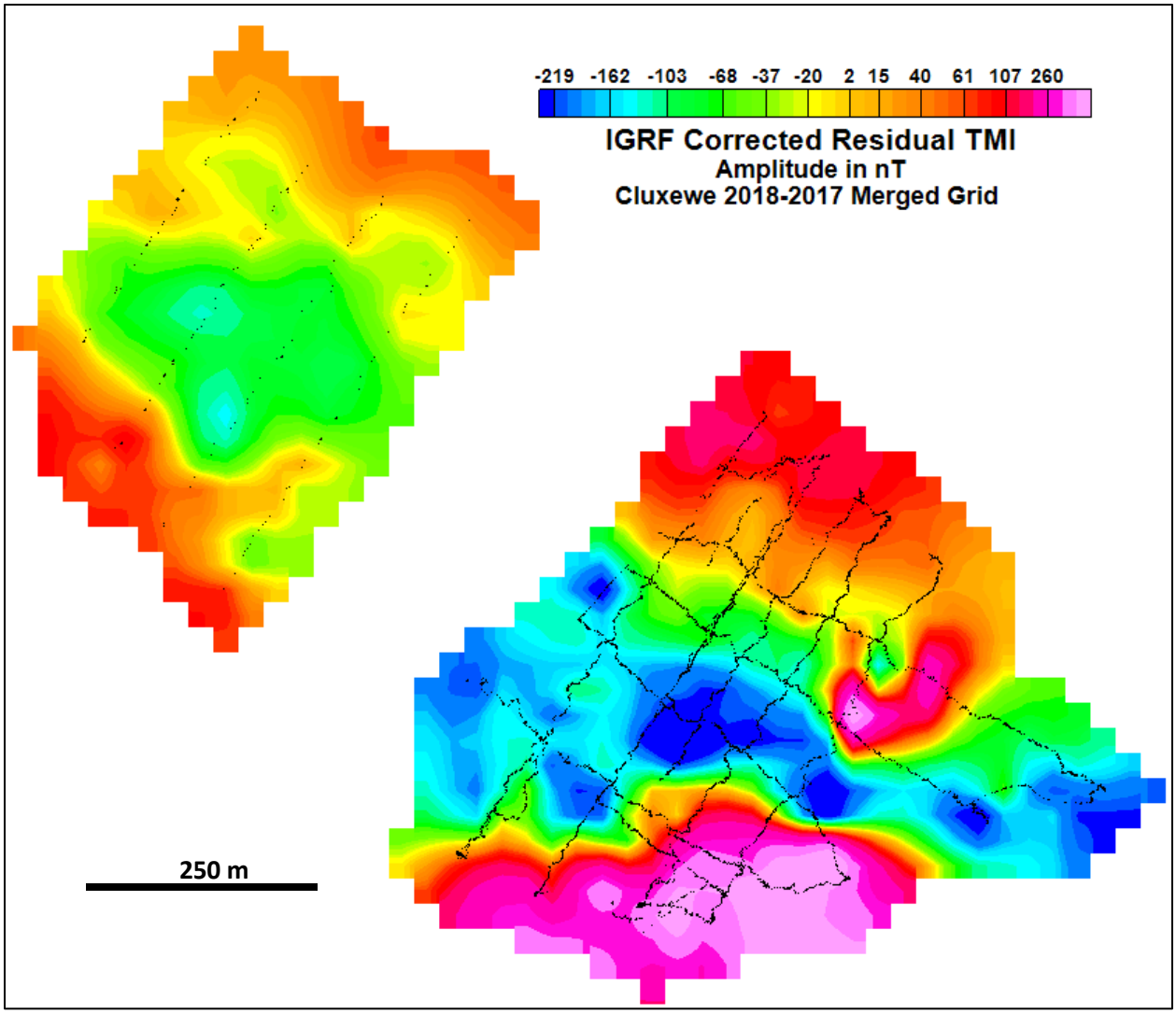

Figure 22. Cluxewe IGRF corrected residual TMI image, 50 m grid cell size, with a mean value of 0.00 nT and a TMI range of 1946 nT. No data was excised for this grid.

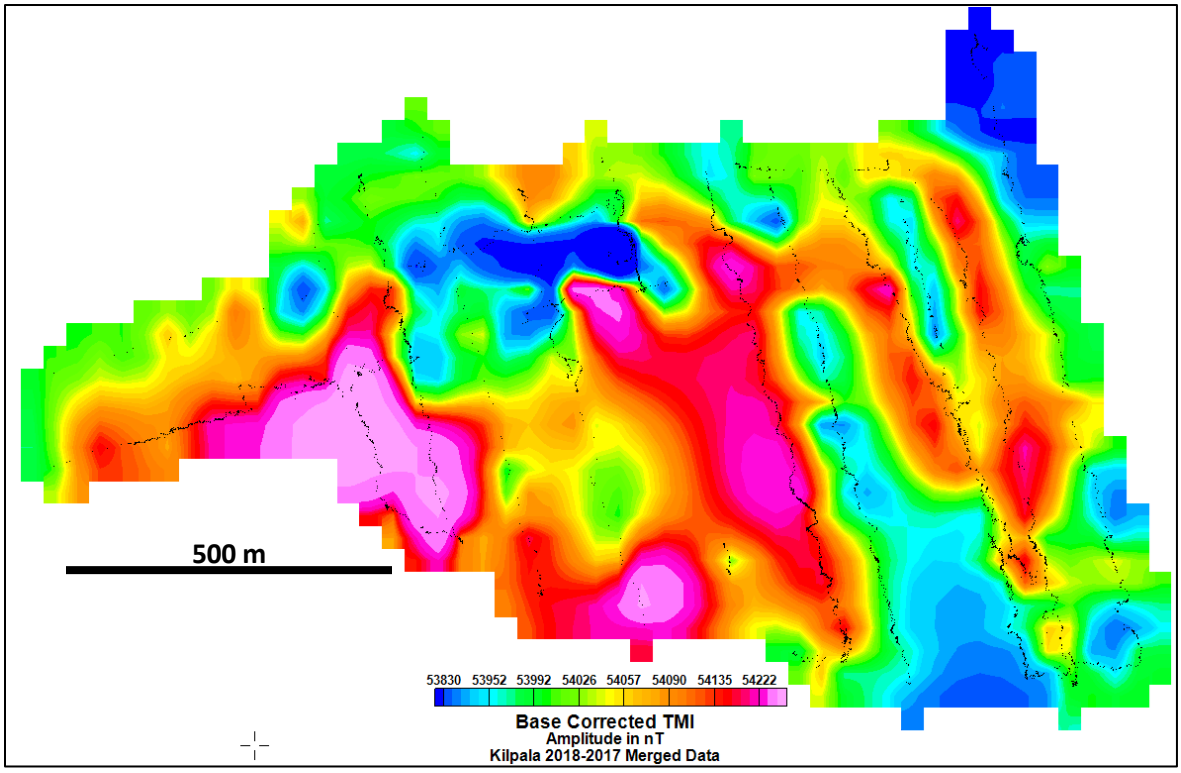

Figure 23. Kilpala base corrected TMI image, 50 m grid cell size, with a mean value of 54069 nT and a TMI range of 3841 nT.

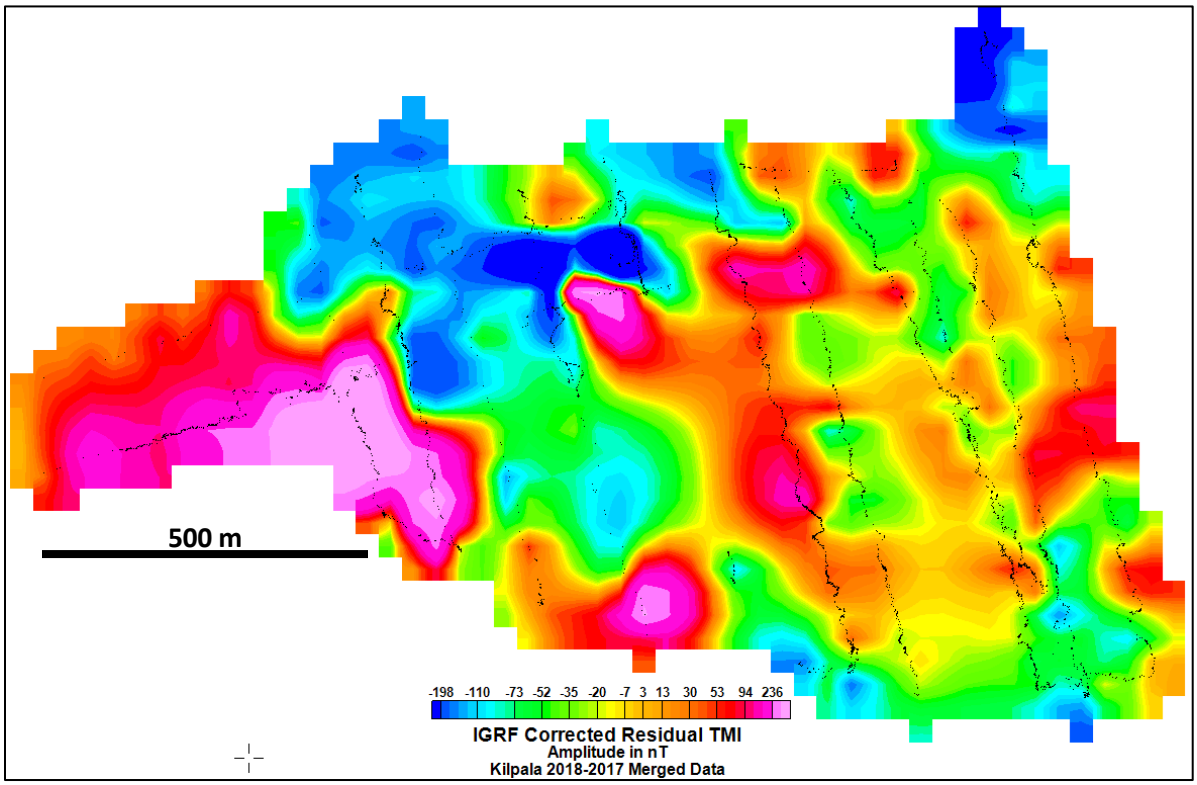

Figure 24. Kilpala IGRF corrected residual TMI image, 50 m grid cell size, with a mean grid value of 0.00 nT and a grid TMI range of 3698 nT.

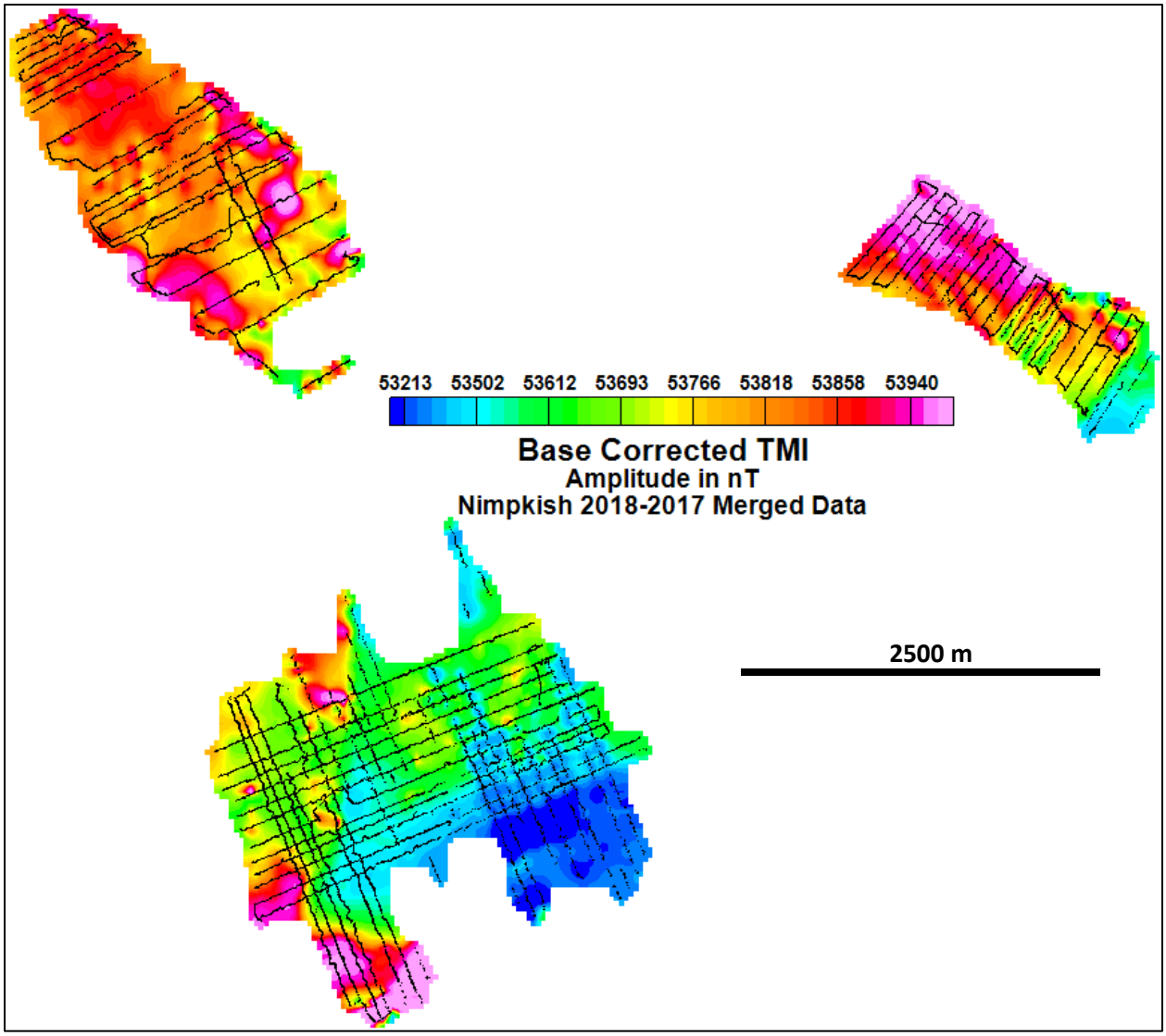

Figure 25. Nimpkish base corrected TMI image, 50 m grid cell size, with a mean value of 53755 nT and a grid TMI range of 8015 nT.

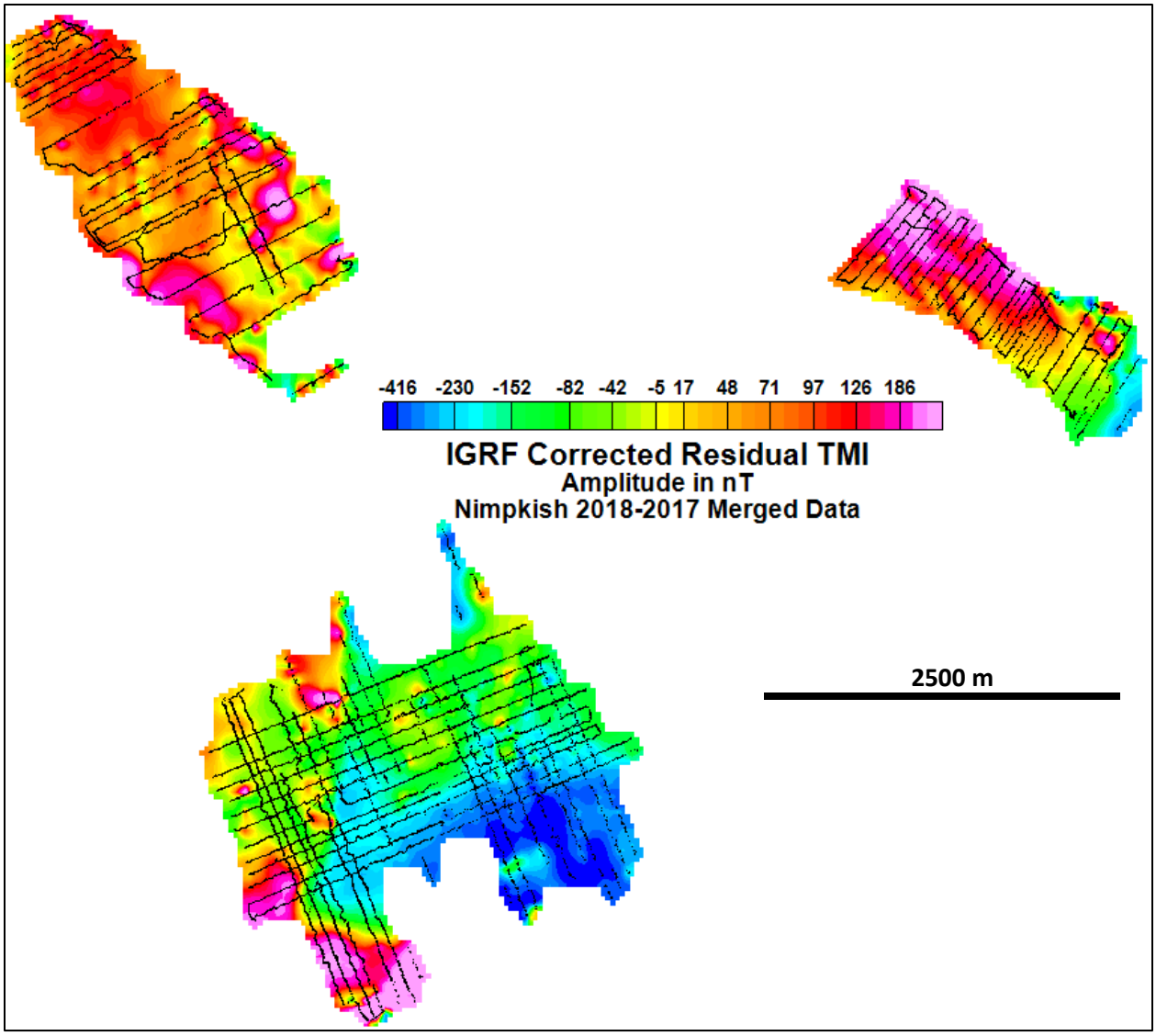

Figure 26. Nimpkish IGRF corrected residual TMI image, 50 m grid cell size, with a mean grid value of 3.26 nT and a grid TMI range of 8017 nT. Labeled arrows point out line affects in the merged data.

Conclusions

The Vancouver Island 2018 magnetic data was QA/QC edited, diurnal and IGRF corrected and converted to base station corrected TMI and IGRF corrected residual TMI, then gridded on a regional and property by property bases. The magnetic relief of the regional data approaches 10,000 nT. The data products include five databases of 2018 data alone, a 6th regional 2018 database comprised of the five individual property databases, and a 7th 2018-2017 merge database comprised of all retained 2018 and 2017 readings. Image products include Geotif and Geosoft grid images of the base-corrected and IGRF corrected residual TMI. Appendix 1 is a file name list of the products delivered with descriptions; Appendix 2 is an explanation of the database fields with ancillary information. Appendix 3 is a listing of the Nimpkish data lines that were leveled to remove line affects in the final Nimpkish residual TMI data.

Respectfully Submitted,

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Caveats and Disclaimer

The writer has prepared this report based upon information believed to be accurate at the time of its completion, but which is not guaranteed. The writer therefore makes no guarantees as to the accuracy, reliability or completeness of the information contained in this report and will not be held liable to any persons or entities for any errors or omissions or for losses or damages claimed as a result, directly or indirectly, of items discussed, opinions rendered or recommendations made in this report, except for statutory liability which may not be excluded.

Reference

Cunion, E., 2017, QA/QC and Processing Report for the Cluxewe 2017 Ground Magnetic Data and its Merging with the 2012-2016 Nimpkish, MQ and Cluxewe Data British Columbia, Canada, October, 2017.

Appendix 1

Products Delivered With This Report

1. Vancouver-Island-2018-2017-merged-data.xlsx Regional Merged V-I database all 5 property
2. Vancouver-Island-2018-edited-data.xlsx Regional 2018-only V-I database all 5 property
3. Cluxewe-2018.xlsx The 2018-only Cluxewe database
4. Kilpala-2018.xlsx The 2018-only Kilpala database
5. MQ-2018.xlsx The 2018-only MQ database
6. Nimpkish-2018.xlsx The 2018-only Nimpkish database
7. Varney-2018.xlsx The 2018-only Varney database
8. The 2018 and 2018-2017merged base and IGRF corrected Geotif images for all five properties including the 5-property merged regional images, 25 Geotifs in total.

Cluxewe-2018-2017-merge-cor-mag.tif

Cluxewe-2018-2017-merge-res-mag.tif

Cluxewe-2018-cor-mag.tif

Cluxewe-2018-res-mag.tif

Kilpala-2018-2017-merge-cor-mag.tif

Kilpala-2018-2017-merge-res-mag.tif

Kilpala-2018-cor-mag.tif

Kilpala-2018-res-mag.tif

MQ-2018-2017-merge-cor-mag.tif

MQ-2018-2017-merge-res-mag.tif

MQ-2018-cor-mag.tif

MQ-2018-res-mag.tif

Nimpkish-2018-2017-merge-cor-mag.tif

Nimpkish-2018-2017-merge-res-mag.tif

Nimpkish-2018-cor-mag.tif

Nimpkish-2018-res-mag.tif

Vancouver-Island-2018-2017-regional-cor-mag.tif

Vancouver-Island-2018-2017-regional-res-mag.tif

Vancouver-Island-2018-regional-cor-mag.tif

Vancouver-Island-2018-regional-cor-mag-Landsat.tif

Vancouver-Island-2018-regional-res-mag.tif

Varney-2018-2017-merge-cor-mag.tif

Varney-2018-2017-merge-res-mag.tif

Varney-2018-cor-mag.tif

Varney-2018-res-mag.tif

The data was gridded on 50 m cell sizes prior to Geotif creation

9. The 2018 and 2018-2017merged base and IGRF corrected Geosoft Grid images for all five properties including the 5-property merged regional images, 24 grids in total.

Cluxewe-2018-2017-cormag.grd

Cluxewe-2018-2017-resmag.grd

Cluxewe-2018-cormag.grd

Cluxewe-2018-resmag.grd

Kilpala-2018-2017-cormag.grd

Kilpala-2018-2017-resmag.grd

Kilpala-2018-cormag.grd

Kilpala-2018-resmag.grd

MQ-2018-2017-cormag.grd

MQ-2018-2017-resmag.grd

MQ-2018-cormag.grd

MQ-2018-resmag.grd

Nimpkish-2018-2017-cormag.grd

Nimpkish-2018-2017-resmag.grd

Nimpkish-2018-cormag.grd

Nimpkish-2018-resmag.grd

Vancouver-island-2018-2017-cormag.grd

Vancouver-island-2018-2017-resmag.grd

Vancouver-island-2018-cormag.grd

Vancouver-island-2018-resmag.grd

Varney-2018-2017-cormag.grd

Varney-2018-2017-resmag.grd

Varney-2018-cormag.grd

Varney-2018-resmag.grd

Appendix 2

Magnetic database data columns explanation

Line = flag of day and roving magnetometer used to collect data

X & Y = NAD83 UTM 9 N coordinates

Longitude & Latitude = WGS84 geographic coordinates

Elevation = Metres above the GPS NAD83 ellipsoid

SRTM = Canada 30m SRTM data

base_mag = back-calculated base magnetometer reading

raw_mag = Field rover magnetometer reading

cor_mag = diurnal corrected magnetic reading (using 54000 nT background)

date = day of reading dd/mm/yyyy

time = reading time 24 hour clock

IGRF = calculated IGRF regional background using 2015 model for July 2017 survey days

IGRF_corrected = cor_mag - IGRF

Res_Mag =IGRF_corrected – (-206.17)) = residual regional TMI with a mean of zero for all 5 properties. This retains the line offset affects.

Property = the Vancouver Island property survey and date

Res_mag_adj =IGRF_corrected – (-206.17)) + Table 2 local correction factors for each property = residual local TMI with a mean of zero for all 5 properties plus any Nimpkish line level offsets. This is the final clean data to use for gridding.

See Table 2 for the individual base level offsets used for the grid generation in this report. The -206.17 offset is used for all grids in the res_mag column, but the individual grid offsets used in the res_mag_adj column provide more mapping detail at local grid scale and are recommended if the database is used to create new magnetic grids. It's advised to use the res_mag_adj data column for maps.

Appendix 3

2018 Nimpkish Survey days line, the positive nT offsets applied

+180 nT

matched_june14_mobilemag1

matched_june15_mobilemag1

matched_june17_mobilemag1

matched_june19_mobilemag1

+30 nT

june4_walkmagmobile2

APPENDIX 8: VARNEY BAY PROPERTY
RAW AND CORRECTED 2018 MAGNETIC DATA

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605293.53	5600335	31.89876668	54112.48	53686.27	53573.79	54034.32	-460.5299997	-254.3599997	Varney-2018	-78.92999972
605289.57	5600341.48	33.26907986	54112.34	53686.19	53573.85	54034.3017	-460.451705	-254.281705	Varney-2018	-78.85170497
605285.74	5600345.41	34.16033992	54112.24	53693.21	53580.97	54034.28608	-453.3160797	-247.1460797	Varney-2018	-71.71607971
605279.12	5600343.28	33.9333353	54112.18	53690.61	53578.43	54034.2699	-455.8398996	-249.6698996	Varney-2018	-74.23989959
605271.34	5600349.35	35.42736508	54112.19	53672.39	53560.2	54034.23882	-474.0388214	-267.8688214	Varney-2018	-92.43882135
605265.48	5600362.69	38.3803177	54112.05	53659.6	53547.55	54034.20236	-486.6523643	-280.4823643	Varney-2018	-105.0523643
605261.31	5600365.5	39.11200802	54112.02	53673.66	53561.64	54034.18575	-472.5457473	-266.3757473	Varney-2018	-90.94574728
605255.49	5600372.72	40.81424647	54111.87	53682.77	53570.9	54034.15782	-463.2578178	-257.0878178	Varney-2018	-81.6578178
605257.6	5600377.33	41.65059982	54111.85	53683.19	53571.34	54034.15859	-462.8185947	-256.6485947	Varney-2018	-81.21859466
605257.65	5600378.44	41.87204654	54111.89	53683.2	53571.31	54034.15731	-462.8473087	-256.6773087	Varney-2018	-81.24730872
605255.63	5600379.96	42.27249918	54111.84	53658.29	53546.45	54034.14868	-487.6986803	-281.5286803	Varney-2018	-106.0986803
605254.49	5600380.6	42.45530395	54111.82	53695.56	53583.74	54034.14408	-450.4040764	-244.2340764	Varney-2018	-68.80407637
605251.74	5600394.01	45.31474111	54111.81	53708.01	53596.2	54034.11677	-437.9167687	-231.7467687	Varney-2018	-56.31676866
605245.77	5600394.78	45.78068182	54111.75	53712.15	53600.4	54034.09526	-433.6952606	-227.5252606	Varney-2018	-52.09526057
605243.75	5600396.18	46.17430011	54111.71	53716.43	53604.72	54034.08633	-429.3663284	-223.1963284	Varney-2018	-47.76632844
605238.21	5600400.74	47.41414586	54111.6	53711.55	53599.95	54034.06049	-434.1104898	-227.9404898	Varney-2018	-52.51048981
605235.71	5600408.59	49.19156969	54111.62	53709.32	53597.7	54034.03993	-436.3399289	-230.1699289	Varney-2018	-54.73992888
605238.25	5600419.54	51.32940431	54111.54	53701.15	53589.61	54034.03268	-444.4226846	-238.2526846	Varney-2018	-62.82268461
605236.91	5600419.51	51.40418309	54111.45	53707.49	53596.04	54034.02783	-437.9878279	-231.8178279	Varney-2018	-56.38782792
605231.62	5600425.3	52.94403538	54111.43	53720.04	53608.61	54033.99951	-425.3895146	-219.2195146	Varney-2018	-43.78951463
605227.05	5600434.11	55.07967934	54111.37	53749.48	53638.11	54033.96908	-395.8590793	-189.6890793	Varney-2018	-14.2590793
605228.81	5600434.59	55.05364174	54111.27	53751.21	53639.94	54033.97532	-394.0353241	-187.8653241	Varney-2018	-12.43532408
605226.37	5600439.66	56.15054721	54111.23	53764.83	53653.6	54033.9617	-380.3617043	-174.1917043	Varney-2018	1.238295701
605222.1	5600440.69	56.37657624	54111.01	53781.71	53670.7	54033.9511	-363.2511028	-157.0811028	Varney-2018	18.34889718
605219.85	5600450.1	58.09377653	54111.37	53789.66	53678.29	54033.93896	-355.6489577	-149.4789577	Varney-2018	25.95104227
605219.88	5600452.43	58.51472727	54111.41	53822.05	53710.64	54033.93727	-323.2972686	-117.1272686	Varney-2018	58.30273138
605218.47	5600466.31	60.99757141	54111.51	53847.95	53736.44	54033.9246	-297.4846019	-91.31460185	Varney-2018	84.11539815
605210.32	5600469.7	61.43624443	54111.46	53885.59	53774.13	54033.90993	-259.7799303	-53.60993031	Varney-2018	121.8200697
605206.79	5600475.86	62.39645193	54111.64	53918.08	53806.44	54033.9021	-227.4621043	-21.29210426	Varney-2018	154.1378957
605203.56	5600481.47	63.23318972	54111.61	53932.73	53821.12	54033.89595	-212.7759469	-6.605946932	Varney-2018	168.8240531
605199.65	5600485.73	63.79152849	54111.38	53935.51	53824.13	54033.89032	-209.760323	-3.590323015	Varney-2018	171.839677
605192.26	5600497.37	65.30793194	54111.43	53919.67	53808.24	54033.88196	-225.6419632	-19.47196321	Varney-2018	155.9580368
605186.47	5600492.81	64.35637188	54111.47	53908.39	53796.92	54033.87689	-236.9568894	-30.7868894	Varney-2018	144.6431106
605183.4	5600504.54	65.9206441	54111.58	53905.25	53793.67	54033.87649	-240.2064938	-34.03649377	Varney-2018	141.3935062
605176.89	5600504.07	65.49736572	54111.75	53898.06	53786.31	54033.87246	-247.5624565	-41.3924565	Varney-2018	134.0375435
605174.6	5600508.48	65.97249353	54111.59	53896.27	53784.68	54033.87297	-249.1929727	-43.02297274	Varney-2018	132.4070273
605171.98	5600508.2	65.78076735	54111.7	53903.65	53791.95	54033.87155	-241.9215478	-35.7515478	Varney-2018	139.6784522
605165.27	5600521.3	66.32783577	54111.6	53902.25	53790.65	54033.8962	-243.2462016	-37.07620155	Varney-2018	138.3537984
605160.32	5600527.88	66.40646252	54111.72	53908.19	53796.47	54033.91055	-237.4405454	-31.27054541	Varney-2018	144.1594546
605155.59	5600534.35	66.44732795	54112.13	53870.59	53758.46	54033.9259	-275.4658982	-69.29589819	Varney-2018	106.1341018
605149.07	5600537.78	66.19956904	54112.21	53850.71	53738.5	54033.93295	-295.4329461	-89.26294608	Varney-2018	86.16705392
605145.81	5600534.26	65.88947991	54112.36	53844.46	53732.1	54033.92025	-301.8202522	-95.65025223	Varney-2018	79.77974777
605144.75	5600537.69	66.04001982	54112.52	53860.38	53747.86	54033.92794	-286.0679446	-79.89794458	Varney-2018	95.53205542
605140.5	5600551.51	66.62521113	54112.62	53851.05	53738.43	54033.95955	-295.5295476	-89.35954757	Varney-2018	86.07045243
605136.75	5600554.55	66.63420135	54112.82	53827.5	53714.68	54033.9639	-319.2838953	-113.1138953	Varney-2018	62.31610467
605140.48	5600566.86	67.44313876	54112.56	53811.33	53698.77	54033.99985	-335.2298451	-129.0598451	Varney-2018	46.37015487
605135.53	5600566.2	67.18837682	54112.46	53807.7	53695.24	54033.99377	-338.7537723	-132.5837723	Varney-2018	42.84622766
605128.91	5600567.63	66.96603234	54112.63	53799.93	53687.3	54033.99186	-346.6918572	-140.5218572	Varney-2018	34.90814278
605121.3	5600572.26	66.84541129	54112.66	53818.85	53706.19	54033.99814	-327.8081435	-121.6381435	Varney-2018	53.79185649
605116.5	5600574.94	66.74732856	54112.76	53805.82	53693.06	54034.00172	-340.9417208	-134.7717208	Varney-2018	40.65827923
605116.25	5600580.39	66.98649193	54113.05	53757.89	53644.84	54034.01689	-389.1768889	-183.0068889	Varney-2018	-7.576888924
605113.44	5600586.34	67.01794748	54112.81	53772.49	53659.68	54034.03433	-374.3543317	-168.1843317	Varney-2018	7.245668331
605114.51	5600593.04	66.83025719	54112.45	53789.66	53677.21	54034.06859	-356.8585868	-150.6885868	Varney-2018	24.74141317
605109.16	5600598.27	66.36954186	54112.16	53782.87	53670.71	54034.09096	-363.3809614	-157.2109614	Varney-2018	18.21903856
605111.42	5600605.77	66.21293572	54112.06	53714.67	53602.61	54034.13007	-431.5200686	-225.3500686	Varney-2018	-49.92006861
605112.97	5600609.69	66.15100433	54111.6	53694.11	53582.51	54034.15074	-451.6407373	-245.4707373	Varney-2018	-70.04073729
605108.9	5600614.72	65.75779893	54111.13	53707.27	53596.14	54034.17314	-438.0331408	-231.8631408	Varney-2018	-56.43314079
605104.04	5600620.19	65.30447118	54110.74	53732.09	53621.35	54034.1973	-412.8472954	-206.6772954	Varney-2018	-31.24729539
605098.76	5600625.76	64.82185997	54110.95	53734.13	53623.18	54034.22177	-411.0417686	-204.8717686	Varney-2018	-29.44176858
605095.6	5600627.92	64.5749092	54110.38	53742.91	53632.53	54034.23056	-401.7005612	-195.5305612	Varney-2018	-20.10056119
605089.77	5600628.47	64.24622096	54110.42	53740.26	53629.84	54034.22953	-404.3895328	-198.2195328	Varney-2018	-22.78953285
605087.89	5600633.88	63.9426193	54110.31	53742.58	53632.27	54034.25559	-401.9855917	-195.8155917	Varney-2018	-20.38559171
605084.77	5600641.16	63.50030569	54109.7	53780.62	53670.92	54034.29034	-363.370342	-157.200342	Varney-2018	18.22965799
605082.67	5600640.12	63.42716915	54109.16	53801.55	53692.39	54034.28377	-341.893767	-135.723767	Varney-2018	39.706233

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605076.77	5600648.12	62.80304339	54108.72	53780.12	53671.4	54034.32054	-362.9205421	-156.7505421	Varney-2018	18.67945786
605069.37	5600656.65	61.57762217	54108.91	53765.65	53656.74	54034.37233	-377.6323318	-171.4623318	Varney-2018	3.9676682
605067.48	5600662.39	61.16939048	54108.72	53758.65	53649.93	54034.40248	-384.4724795	-178.3024795	Varney-2018	-2.87247954
605061.46	5600665.94	60.42027036	54108.88	53760.88	53652	54034.42434	-382.4243397	-176.2543397	Varney-2018	-0.824339687
605061.13	5600667.94	60.44479233	54108.77	53786.72	53677.95	54034.43109	-356.4810944	-150.3110944	Varney-2018	25.1189056
605064.9	5600677.8	61.29839637	54108.68	53802.69	53694.01	54034.45604	-340.4460379	-134.2760379	Varney-2018	41.15396207
605063.75	5600682.34	61.29835228	54108.49	53829.27	53720.78	54034.47203	-313.6920258	-107.5220258	Varney-2018	67.90797421
605058.19	5600687.35	60.77131821	54108.41	53854.69	53746.28	54034.49484	-288.2148388	-82.04483884	Varney-2018	93.38516116
605051.04	5600690.76	60.02672754	54108.33	53888.72	53780.39	54034.51369	-254.1236925	-47.95369249	Varney-2018	127.4763075
605048.01	5600696.93	59.94249432	54107.95	53909.04	53801.09	54034.53464	-233.4446409	-27.2746409	Varney-2018	148.1553591
605040.94	5600696.12	59.07073339	54107.89	53928.89	53821	54034.53998	-213.5399779	-7.369977856	Varney-2018	168.0600221
605037.07	5600697.94	58.71479484	54107.88	53896.17	53788.29	54034.54883	-246.2588297	-40.08882965	Varney-2018	135.3411703
605015.86	5600716.76	57.60875554	54107.73	53963.01	53855.28	54034.61068	-179.3306789	26.83932112	Varney-2018	202.2693211
605012.34	5600712.35	56.91996642	54107.74	53973.36	53865.62	54034.6039	-168.9839021	37.18609791	Varney-2018	212.6160979
605012.49	5600718.8	57.42117951	54108.21	53961.08	53852.87	54034.61698	-181.7469796	24.42302038	Varney-2018	199.8530204
605010.81	5600721.44	57.45621982	54108.3	53965.02	53856.72	54034.62327	-177.9032694	28.26673059	Varney-2018	203.6967306
605014.79	5600724.52	58.07004788	54107.49	53978.14	53870.65	54034.6276	-163.9776045	42.19239555	Varney-2018	217.6223955
605011.11	5600731.12	58.22490939	54108.14	53948.57	53840.43	54034.64261	-194.2126122	11.95738784	Varney-2018	187.3873878
604999.17	5600740.11	57.63542303	54107.85	53898.03	53790.18	54034.67006	-244.490065	-38.32006497	Varney-2018	137.109935
604996.96	5600747.63	57.38349427	54107.47	53766.96	53659.49	54034.7026	-375.2126017	-169.0426017	Varney-2018	6.387398289
604991.57	5600751.2	56.84539541	54107.28	53758.3	53651.02	54034.72024	-383.7002372	-177.5302372	Varney-2018	-2.100237207
604991.96	5600756.88	56.86507317	54107.54	53781.89	53674.35	54034.74347	-360.3934709	-154.2234709	Varney-2018	21.20652909
604987.69	5600764.69	56.44499062	54107.07	53832.28	53725.21	54034.77741	-309.5674105	-103.3974105	Varney-2018	72.03258949
604985.34	5600768.76	56.22279457	54107.53	53802.51	53694.98	54034.79493	-339.8149281	-133.6449281	Varney-2018	41.78507193
604984.25	5600780.64	56.11364352	54107.26	53816.06	53708.8	54034.8436	-326.0435966	-119.8735966	Varney-2018	55.55640343
604979.48	5600789	55.70091846	54107.69	53802.01	53694.32	54034.87854	-340.5585367	-134.3885367	Varney-2018	41.04146333
604975.04	5600787.8	55.32061968	54108.28	53737.26	53628.98	54034.87466	-405.8946592	-199.7246592	Varney-2018	-24.29465919
604980.62	5600784.9	55.79668838	54108.13	53745.91	53637.78	54034.86177	-397.0817674	-190.9117674	Varney-2018	-15.48176744
604847.32	5600699.6	45.54494594	54114.61	53723.64	53609.03	54034.51528	-425.485276	-219.315276	Varney-2018	-43.88527601
604857.95	5600674.67	45.2343088	54114.6	53676.37	53561.77	54034.44459	-472.6745927	-266.5045927	Varney-2018	-91.07459268
604859.83	5600676.16	45.36817903	54114.76	53731.17	53616.41	54034.45092	-418.0409239	-211.8709239	Varney-2018	-36.44092389
604865.31	5600675.26	45.59343738	54115.1	53772.81	53657.71	54034.45256	-376.7425645	-170.5725645	Varney-2018	4.857435521
604868.79	5600671.44	45.63654351	54114.52	53818.64	53704.12	54034.44313	-330.3231289	-124.1531289	Varney-2018	51.27687106
604869.75	5600669.35	45.6168074	54114.07	53810.9	53696.83	54034.43718	-337.6071772	-131.4371772	Varney-2018	43.99282278
604870.52	5600666.36	45.5607558	54114.5	53756.14	53641.64	54034.42816	-392.7881614	-186.6181614	Varney-2018	-11.18816137
604873.16	5600661.96	45.54976312	54114.75	53719	53604.25	54034.41609	-430.1660918	-223.9960918	Varney-2018	-48.56609183
604877.75	5600655.38	45.20968641	54114.95	53780.98	53666.03	54034.40795	-368.3779471	-162.2079471	Varney-2018	13.22205288
604880.09	5600655.54	45.34191908	54115.01	53737.71	53622.7	54034.40989	-411.7098912	-205.5398912	Varney-2018	-30.10989117
604888.78	5600649.81	45.27381093	54115.16	53718.8	53603.64	54034.40639	-430.7663863	-224.5963863	Varney-2018	-49.16638631
604882.09	5600644.01	44.38754217	54114.72	53843.91	53729.19	54034.39272	-305.2027192	-99.03271922	Varney-2018	76.39728078
604881.51	5600641.1	44.08781939	54114.71	53881.2	53766.49	54034.38772	-267.8977188	-61.72771884	Varney-2018	113.7022812
604885.17	5600638.73	44.08679106	54115.11	53835.79	53720.68	54034.38568	-313.705684	-107.535684	Varney-2018	67.894316
604892.7	5600634.65	44.18231003	54115.81	53745.49	53629.68	54034.38212	-404.7021243	-198.5321243	Varney-2018	-23.10212425
604894.76	5600627.24	43.68148995	54115.62	53693.49	53577.87	54034.36969	-456.4996935	-250.3296935	Varney-2018	-74.89969349
604896.09	5600627.71	43.80782896	54115.59	53670.66	53555.07	54034.37097	-479.3009726	-273.1309726	Varney-2018	-97.70097259
604902.65	5600625.73	44.07558329	54114.91	53668.24	53553.33	54034.36934	-481.0393386	-274.8693386	Varney-2018	-99.43933857
604903.06	5600619.62	43.612854	54114.68	53653.66	53538.98	54034.35776	-495.3777627	-289.2077627	Varney-2018	-113.7777627
604911.69	5600609.67	43.46062246	54114.43	53687.14	53572.71	54034.33931	-461.6293103	-255.4593103	Varney-2018	-80.02931029
604915.66	5600609.64	43.75535557	54114.2	53722.57	53608.37	54034.33952	-425.9695226	-219.7995226	Varney-2018	-44.36952263
604919.32	5600604.15	43.63708583	54113.98	53768.28	53654.3	54034.32799	-380.0279881	-173.8579881	Varney-2018	1.572011893
604922.15	5600596.98	43.35603464	54113.47	53767.13	53653.66	54034.31228	-380.6522777	-174.4822777	Varney-2018	0.947722311
604921.35	5600594.74	43.13320781	54113.28	53765.43	53652.15	54034.30749	-382.1574931	-175.9874931	Varney-2018	-0.557493148
604920.48	5600591.83	42.85513773	54113.35	53745.86	53632.51	54034.30132	-401.7913226	-195.6213226	Varney-2018	-20.19132255
604930.37	5600586.24	43.91533873	54113.19	53741.52	53628.33	54034.27091	-405.9409124	-199.7709124	Varney-2018	-24.34091243
604929.11	5600585.77	43.67626885	54113.14	53740.2	53627.06	54034.27277	-407.2127679	-201.0427679	Varney-2018	-25.6127679
604926.92	5600585.28	43.27656546	54113.14	53733.11	53619.97	54034.27689	-414.3068943	-208.1368943	Varney-2018	-32.70689435
604929.02	5600579.54	42.79881692	54113.02	53727.28	53614.26	54034.27068	-420.0106827	-213.8406827	Varney-2018	-38.41068267
604930.24	5600571.44	41.84904521	54112.67	53714.73	53602.06	54034.26565	-432.2056483	-226.0356483	Varney-2018	-50.60564834
604934.51	5600567.41	42.17798419	54112.26	53690.9	53578.64	54034.2494	-455.6094024	-249.4394024	Varney-2018	-74.00940239
604936.41	5600567.9	42.64760689	54112.48	53677.04	53564.56	54034.24283	-469.6828254	-263.5128254	Varney-2018	-88.08282541
604939.81	5600564.41	42.94810053	54112.82	53674.36	53561.54	54034.22773	-472.68773	-266.51773	Varney-2018	-91.08772995
604943.68	5600558.59	43.15666863	54112.68	53647.88	53535.2	54034.20662	-499.0066213	-292.8366213	Varney-2018	-117.4066213
604949.09	5600557.47	44.32294994	54112.38	53584.56	53472.18	54034.18226	-562.0022627	-355.8322627	Varney-2018	-180.4022627
604947.34	5600552.88	43.43647148	54111.98	53584.83	53472.85	54034.18364	-561.333636	-355.163636	Varney-2018	-179.733636

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604950.92	5600547.83	43.86109672	54111.3	53611.39	53500.09	54034.15931	-534.0693117	-327.8993117	Varney-2018	-152.4693117
604958.2	5600541.53	45.30104266	54111.29	53642.8	53531.51	54034.1106	-502.6005967	-296.4305967	Varney-2018	-121.0005967
604961.52	5600542.04	46.25954276	54111.58	53655.54	53543.96	54034.09405	-490.1340465	-283.9640465	Varney-2018	-108.5340465
604961.57	5600539.59	46.11024784	54112.66	53674.71	53562.05	54034.08821	-472.0382078	-265.8682078	Varney-2018	-90.4382078
604962.24	5600534.15	45.94690172	54112.75	53703.57	53590.82	54034.07193	-443.2519303	-237.0819303	Varney-2018	-61.65193026
604967.82	5600531.71	47.47922075	54112.69	53732.88	53620.19	54034.03287	-413.8428744	-207.6728744	Varney-2018	-32.24287442
604984.93	5600498.46	50.66175101	54114.05	53760.81	53646.76	54033.84919	-387.0891888	-180.9191888	Varney-2018	-5.489188824
604994.03	5600500.75	54.37394221	54114.32	53779.52	53665.2	54033.77865	-368.5786465	-162.4086465	Varney-2018	13.02135348
604996.42	5600494.24	54.20001902	54114.71	53800.59	53685.88	54033.76186	-347.8818568	-141.7118568	Varney-2018	33.71814318
604997.79	5600486.03	53.39456671	54115.16	53849.53	53734.37	54033.75286	-299.382856	-93.21285599	Varney-2018	82.21714401
605002.26	5600485.9	54.04354755	54115.35	53899.73	53784.38	54033.74429	-249.3642924	-43.19429244	Varney-2018	132.2357076
605002.87	5600480.24	53.19688799	54115.52	53915.84	53800.32	54033.74513	-233.4251306	-27.25513065	Varney-2018	148.1748694
605006.99	5600472.42	52.29247467	54115.73	53930.11	53814.38	54033.74598	-219.3659788	-13.19597879	Varney-2018	162.2340212
605010.62	5600468.27	51.93882493	54116.02	53939.53	53823.51	54033.74604	-210.2360422	-4.066042172	Varney-2018	171.3639578
605015.72	5600465.03	51.85655616	54116.17	53932.54	53816.37	54033.7456	-217.3756025	-11.20560254	Varney-2018	164.2243975
605015.39	5600463.47	51.59018994	54116.32	53931.12	53814.8	54033.74569	-218.9456864	-12.77568637	Varney-2018	162.6543136
605013.22	5600455.31	50.15302315	54116.5	53927.07	53810.57	54033.74638	-223.1763771	-17.00637709	Varney-2018	158.4236229
605016.87	5600453.6	50.20453492	54116.41	53946.99	53830.58	54033.74559	-203.1655945	3.004405492	Varney-2018	178.4344055
605021.14	5600449.01	49.87841181	54116.28	53990.76	53874.48	54033.74446	-159.2644633	46.90553666	Varney-2018	222.3355367
605022.82	5600443.15	49.14267149	54116.23	54034.67	53918.44	54033.74375	-115.3037474	90.86625256	Varney-2018	266.2962526
605029.44	5600438.28	49.01503781	54116.29	54054.6	53938.31	54033.74104	-95.4310444	110.7389556	Varney-2018	286.1689556
605034.64	5600433.04	48.68192245	54116.45	54085.67	53969.22	54033.73938	-64.5193812	141.6506188	Varney-2018	317.0806188
605037.2	5600432.54	48.77155779	54116.09	54064.77	53948.68	54033.74024	-85.06023937	121.1097606	Varney-2018	296.5397606
605047.88	5600433.75	50.06102831	54115.9	54030.05	53914.15	54033.73285	-119.5828521	86.58714789	Varney-2018	262.0171479
605044.45	5600431.68	49.20804987	54115.95	54001.39	53885.44	54033.74007	-148.3000715	57.86992852	Varney-2018	233.2999285
605054.37	5600424.76	48.26370397	54115.98	54006	53890.02	54033.75753	-143.7375268	62.4324732	Varney-2018	237.8624732
605055.29	5600421.33	47.42727163	54115.9	53996.38	53880.48	54033.76774	-153.2877432	52.88225678	Varney-2018	228.3122568
605050.73	5600415.46	45.2749734	54115.88	54005.91	53890.03	54033.79175	-143.7617542	62.4082458	Varney-2018	237.8382458
605047.93	5600413.4	44.35049318	54115.89	53912.54	53796.65	54033.8022	-237.1522046	-30.98220464	Varney-2018	144.4477954
605055.48	5600408.21	43.8775589	54115.85	53837.34	53721.49	54033.80928	-312.3192787	-106.1492787	Varney-2018	69.28072133
605055.61	5600401.98	42.20037697	54115.58	53838.49	53722.91	54033.82886	-310.9188607	-104.7488607	Varney-2018	70.68113933
605055.3	5600399.75	41.54866978	54115.76	53838.8	53723.04	54033.8365	-310.7965006	-104.6265006	Varney-2018	70.80349942
605055.97	5600401.43	42.10233262	54115.98	53747.01	53631.03	54033.82998	-402.799978	-196.629978	Varney-2018	-21.19997804
605061.59	5600393.43	40.80595343	54116.32	53660.06	53543.74	54033.84358	-490.103577	-283.933577	Varney-2018	-108.503577
605059.17	5600390.38	39.61664799	54116.72	53600.56	53483.84	54033.85783	-550.0178321	-343.8478321	Varney-2018	-168.4178321
605065.61	5600387.06	39.79889132	54116.91	53633.35	53516.44	54033.8528	-517.4128028	-311.2428028	Varney-2018	-135.8128028
605070.75	5600385.38	40.23313078	54117.49	53679.87	53562.38	54033.84505	-471.4650471	-265.2950471	Varney-2018	-89.86504712
605076.99	5600385.28	41.08277674	54117.46	53694.78	53577.32	54033.83492	-456.5149157	-250.3449157	Varney-2018	-74.91491571
605076.45	5600387.27	41.51410733	54117.65	53725.78	53608.13	54033.83041	-425.7004069	-219.5304069	Varney-2018	-44.10040691
605077.84	5600381.74	40.30992001	54117.7	53727.39	53609.69	54033.84286	-424.1528569	-217.9828569	Varney-2018	-42.55285687
605075.63	5600371.91	37.73746953	54117.83	53698.19	53580.36	54033.86683	-453.506834	-247.336834	Varney-2018	-71.90683399
605076.16	5600366.47	36.47989209	54118.05	53678.6	53560.55	54033.8793	-473.329298	-267.159298	Varney-2018	-91.72929798
605079.76	5600360.31	35.38840668	54118.21	53680.38	53562.17	54033.89075	-471.7207497	-265.5507497	Varney-2018	-90.12074965
605083.18	5600355.48	34.40842968	54118.34	53694.41	53576.07	54033.90425	-457.8342492	-251.6642492	Varney-2018	-76.23424917
605082.73	5600353.36	33.62121305	54118.35	53729.9	53611.55	54033.91564	-422.3656412	-216.1956412	Varney-2018	-40.76564119
605078.1	5600347.48	31.09400469	54118.57	53729.02	53610.45	54033.94941	-423.499414	-217.329414	Varney-2018	-41.899414
605073.92	5600340.17	28.08745111	54118.69	53715.49	53596.8	54033.99105	-437.191048	-231.021048	Varney-2018	-55.59104796
605083.96	5600334.48	27.16670529	54124.34	53721.49	53597.15	54034.01309	-436.8630946	-230.6930946	Varney-2018	-55.2630946
605086.45	5600333.75	27.14491716	54124.53	53691.75	53567.22	54034.01584	-466.7958354	-260.6258354	Varney-2018	-85.19583539
605093.88	5600334.56	28.12863775	54124.69	53688.38	53563.69	54034.00827	-470.318269	-264.148269	Varney-2018	-88.71826898
605097.46	5600329.3	26.57690909	54125.07	53665.7	53540.63	54034.03553	-493.4055277	-287.2355277	Varney-2018	-111.8055277
605106.51	5600330.48	27.8249422	54125.39	53690.52	53565.13	54034.02577	-468.8957712	-262.7257712	Varney-2018	-87.29577123
605111.35	5600325.68	26.49197779	54125.59	53661.36	53535.77	54034.05167	-498.2816729	-292.1116729	Varney-2018	-116.6816729
605119.08	5600325.61	27.14185087	54125.87	53630.55	53504.68	54034.05002	-529.3700225	-323.2000225	Varney-2018	-147.7700225
605125.36	5600323.51	26.89264734	54126.09	53566.8	53440.71	54034.06104	-593.351042	-387.181042	Varney-2018	-211.751042
605130.15	5600321.05	26.35991689	54125.94	53596.41	53470.47	54034.07507	-563.6050687	-357.4350687	Varney-2018	-182.0050687
605135.61	5600320.94	26.77581901	54125.79	53620.37	53494.58	54034.0748	-539.4948023	-333.3248023	Varney-2018	-157.8948023
605138.1	5600316.98	25.44160474	54125.67	53621.58	53495.91	54034.09931	-538.1893065	-332.0193065	Varney-2018	-156.5893065
605144.86	5600312.34	24.15691101	54125.61	53645.58	53519.97	54034.12852	-514.1585169	-307.9885169	Varney-2018	-132.5585169
605148.62	5600312.3	24.43214033	54125.46	53622.35	53496.89	54034.12877	-537.2387745	-331.0687745	Varney-2018	-155.6387745
605149.34	5600304.31	21.30672382	54125.31	53630.89	53505.58	54034.18088	-528.6008761	-322.4308761	Varney-2018	-147.0008761
605155.18	5600299.64	19.87259697	54125.23	53625.5	53500.27	54034.21204	-533.9420405	-327.7720405	Varney-2018	-152.3420405
605159.47	5600297.72	19.46109028	54125.29	53633.2	53507.91	54034.22401	-526.3140069	-320.1440069	Varney-2018	-144.7140069
605159.08	5600292.49	17.43688688	54125.45	53632.68	53507.23	54034.25577	-527.0257693	-320.8557693	Varney-2018	-145.4257693

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605158.59	5600285.14	14.58349809	54125.46	53648.63	53523.17	54034.30076	-511.1307559	-304.9607559	Varney-2018	-129.5307559
605163.36	5600280.23	13.56267343	54125.41	53668.87	53543.46	54034.31779	-490.8577876	-284.6877876	Varney-2018	-109.2577876
605162.99	5600274.1	12.70287505	54125.36	53674.61	53549.25	54034.31506	-485.0650603	-278.8950603	Varney-2018	-103.4650603
605164.95	5600271.58	12.58644008	54125.48	53698.86	53573.38	54034.31199	-460.9319881	-254.7619881	Varney-2018	-79.33198808
605169.64	5600267.78	12.60268263	54125.45	53679.83	53554.38	54034.30583	-479.925828	-273.755828	Varney-2018	-98.32582795
605172.42	5600263.39	12.32312573	54125.35	53707.35	53582	54034.30121	-452.3012084	-246.1312084	Varney-2018	-70.70120841
605178.07	5600257.38	12.14019002	54125.41	53670.45	53545.04	54034.29337	-489.2533707	-283.0833707	Varney-2018	-107.6533707
605184.34	5600255.4	12.56513366	54125.43	53686.19	53560.76	54034.28697	-473.5269687	-267.3569687	Varney-2018	-91.9269687
605189.42	5600249.38	12.30575643	54125.41	53736.76	53611.35	54034.27995	-422.929948	-216.759948	Varney-2018	-41.32994797
605197.69	5600247.43	12.94616656	54125.48	53715.07	53589.59	54034.27206	-444.6820577	-238.5120577	Varney-2018	-63.08205773
605208.57	5600245.42	13.86025165	54125.8	53693.01	53567.21	54034.26202	-467.0520237	-260.8820237	Varney-2018	-85.45202374
605212.83	5600245.18	14.29278935	54125.77	53678.72	53552.95	54034.25833	-481.308326	-275.138326	Varney-2018	-99.70832599
605217.12	5600246.6	14.95951182	54125.73	53655.4	53529.67	54034.25519	-504.5851868	-298.4151868	Varney-2018	-122.9851868
605227.98	5600245.92	15.90825951	54125.73	53641.94	53516.21	54034.24957	-518.039568	-311.869568	Varney-2018	-136.439568
605231.71	5600240.1	15.10487343	54125.93	53604.38	53478.45	54034.25502	-555.8050163	-349.6350163	Varney-2018	-174.2050163
605234.13	5600236.26	14.57143482	54126.16	53619.81	53493.65	54034.25862	-540.6086162	-334.4386162	Varney-2018	-159.0086162
605241.72	5600228.62	13.50862341	54126.38	53625.25	53498.87	54034.27152	-535.4015168	-329.2315168	Varney-2018	-153.8015168
605252.67	5600227.06	13.30811744	54126.63	53658.57	53531.94	54034.29302	-502.3530161	-296.1830161	Varney-2018	-120.7530161
605259.02	5600224.97	13.01823712	54126.85	53659.92	53533.07	54034.3053	-501.2352982	-295.0652982	Varney-2018	-119.6352982
605262.19	5600225.81	13.14543515	54127.05	53671.17	53544.12	54034.31183	-490.1918285	-284.0218285	Varney-2018	-108.5918285
605265.2	5600220.75	12.41458289	54127.17	53694.11	53566.94	54034.31695	-467.3769458	-261.2069458	Varney-2018	-85.7769458
605270.74	5600219.97	12.30661441	54127.26	53683.3	53556.04	54034.32803	-478.2880335	-272.1180335	Varney-2018	-96.68803355
605279.21	5600218.25	12.06151275	54127.33	53678.13	53550.8	54034.34498	-483.5449764	-277.3749764	Varney-2018	-101.9449764
605288.55	5600215.77	11.69990387	54127.36	53643.47	53516.11	54034.36372	-518.2537247	-312.0837247	Varney-2018	-136.6537247
605294.02	5600215.21	11.61854988	54127.4	53642.79	53515.39	54034.37485	-518.9848518	-312.8148518	Varney-2018	-137.3848518
605298.78	5600211.08	11.00039517	54127.46	53665.39	53537.93	54034.38433	-496.4543318	-290.2843318	Varney-2018	-114.8543318
605304.09	5600207.85	10.51220753	54127.59	53657.27	53529.68	54034.39513	-504.7151312	-298.5451312	Varney-2018	-123.1151312
605310.47	5600207.87	10.5111889	54127.63	53660.28	53532.65	54034.40834	-501.7583399	-295.5883399	Varney-2018	-120.1583399
605315.11	5600202.62	9.976067832	54127.64	53651.21	53523.57	54034.41084	-510.8408432	-304.6708432	Varney-2018	-129.2408432
605321.73	5600200.86	9.872538926	54127.62	53647.45	53519.83	54034.42007	-514.5900692	-308.4200692	Varney-2018	-132.9900692
605327.49	5600196.64	9.635859008	54127.51	53637.54	53510.03	54034.42112	-524.3911178	-318.2211178	Varney-2018	-142.7911178
605331.97	5600199.62	9.813519955	54127.42	53637.15	53509.73	54034.43765	-524.7076495	-318.5376495	Varney-2018	-143.1076495
605340.34	5600202.68	9.985450087	54127.42	53649.8	53522.38	54034.46264	-512.0826443	-305.9126443	Varney-2018	-130.4826443
605344.6	5600202.21	9.962704183	54127.36	53626.66	53499.3	54034.4701	-535.1700954	-329.0000954	Varney-2018	-153.5700954
605349.68	5600196.53	9.690207163	54127.31	53626.44	53499.13	54034.4648	-535.3347962	-329.1647962	Varney-2018	-153.7347962
605349.42	5600191.63	9.45208014	54127.31	53636.73	53509.42	54034.45077	-525.0307729	-318.8607729	Varney-2018	-143.4307729
605354	5600192.72	9.52453691	54127.88	53672.22	53544.34	54034.46266	-490.1226611	-283.9526611	Varney-2018	-108.5226611
605362.17	5600195.67	9.687159061	54128.21	53679.01	53550.8	54034.48705	-483.6870474	-277.5170474	Varney-2018	-102.0870474
605368.6	5600196.35	9.734618176	54128.45	53710.57	53582.12	54034.50174	-452.3817402	-246.2117402	Varney-2018	-70.78174021
605370.27	5600187.6	9.389820147	54128.91	53719.9	53590.99	54034.47895	-443.4889473	-237.3189473	Varney-2018	-61.8889473
605377.87	5600183.3	9.27989334	54129.07	53633.84	53504.77	54034.48009	-529.7100875	-323.5400875	Varney-2018	-148.1100875
605379.08	5600179.32	9.159472207	54129.2	53587.38	53458.18	54034.46968	-576.2896787	-370.1196787	Varney-2018	-194.6896787
605383.73	5600177.3	9.218950412	54129.34	53648.9	53519.56	54034.46948	-514.9094834	-308.7394834	Varney-2018	-133.3094834
605389.79	5600175.64	9.315669372	54129.09	53663.65	53534.56	54034.47265	-499.9126504	-293.7426504	Varney-2018	-118.3126504
605396.89	5600171.45	9.282428554	54128.95	53672.61	53543.66	54034.47117	-490.8111739	-284.6411739	Varney-2018	-109.2111739
605391.97	5600165.79	8.886504858	54128.95	53691.92	53562.97	54034.4487	-471.4786962	-265.3086962	Varney-2018	-89.87869625
605389.91	5600162.52	8.693691082	54129.33	53699.84	53570.51	54034.43636	-463.9263635	-257.7563635	Varney-2018	-82.32636352
605385.79	5600155.87	8.342004346	54129.89	53700.87	53570.98	54034.41035	-463.4303528	-257.2603528	Varney-2018	-81.83035282
605138.05	5601696.46	183.5195566	54190.33	53918.13	53727.8	54036.32245	-308.5224524	-102.3524524	Varney-2018	73.0775476
605138.07	5601696.41	183.516215	54190.33	53916.56	53726.23	54036.32238	-310.0923801	-103.9223801	Varney-2018	71.50761985
605138.01	5601696.2	183.4917657	54190.34	53918.04	53727.7	54036.32206	-308.6220574	-102.4520574	Varney-2018	72.97794262
605138.2	5601696.3	183.5150824	54190.36	53917.75	53727.39	54036.32223	-308.9322327	-102.7622327	Varney-2018	72.66776725
605138.28	5601696.35	183.5256571	54190.38	53919.17	53728.79	54036.32232	-307.5323184	-101.3623184	Varney-2018	74.06768161
605138.34	5601696.15	183.5108392	54190.4	53916.12	53725.72	54036.32203	-310.6020268	-104.4320268	Varney-2018	70.99797316
605138.2	5601696.51	183.5351953	54190.41	53917.29	53726.88	54036.32255	-309.4425474	-103.2725474	Varney-2018	72.15745261
605138.98	5601696.47	183.5877846	54190.43	53911.94	53721.51	54036.32259	-314.8125919	-108.6425919	Varney-2018	66.78740814
605139.15	5601696.18	183.572284	54190.43	53911.82	53721.39	54036.32218	-314.9321807	-108.7621807	Varney-2018	66.6678193
605139.18	5601696.37	183.5926658	54190.44	53911.19	53720.75	54036.32247	-315.572469	-109.402469	Varney-2018	66.02753099
605139.55	5601696.04	183.587784	54190.44	53914.19	53723.75	54036.32203	-312.5720251	-106.4020251	Varney-2018	69.02797487
605139.7	5601695.96	183.590957	54190.44	53911.19	53720.75	54036.32193	-315.5719257	-109.4019257	Varney-2018	66.02807426
605139.45	5601695.92	183.5690489	54190.42	53911.61	53721.19	54036.32183	-315.1318322	-108.9618322	Varney-2018	66.46816782
605139.63	5601696.18	183.6069928	54190.4	53911.34	53720.94	54036.32225	-315.3822452	-109.2122452	Varney-2018	66.21775476
605139.21	5601696.05	183.564161	54190.39	53911.89	53721.5	54036.32199	-314.8219943	-108.6519943	Varney-2018	66.77800573
605139.43	5601695.64	183.5407579	54190.37	53913.79	53723.42	54036.32141	-312.9014107	-106.7314107	Varney-2018	68.6985893

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605139.76	5601695.96	183.5952945	54190.36	53911.68	53721.32	54036.32193	-315.0019338	-108.8319338	Varney-2018	66.59806616
605140.26	5601696.68	183.7005199	54190.34	53913.81	53723.47	54036.32308	-312.8530769	-106.6830769	Varney-2018	68.74692311
605140.24	5601696.7	183.7009917	54190.33	53914.82	53724.49	54036.3231	-311.8331041	-105.6631041	Varney-2018	69.7668959
605141.17	5601696.68	183.7663592	54190.32	53912.23	53721.91	54036.3232	-314.4131983	-108.2431983	Varney-2018	67.18680173
605142.11	5601695.87	183.7565326	54190.29	53910	53719.71	54036.32212	-316.6121169	-110.4421169	Varney-2018	64.98788312
605141.72	5601696.47	183.785979	54190.25	53909.07	53718.82	54036.32296	-317.5029586	-111.3329586	Varney-2018	64.09704141
605142.01	5601696.36	183.7963863	54190.25	53911.79	53721.54	54036.32283	-314.7828335	-108.6128335	Varney-2018	66.81716651
605142.18	5601696.4	183.8125256	54190.25	53911.93	53721.68	54036.32292	-314.6429159	-108.4729159	Varney-2018	66.95708413
605142.24	5601696.37	183.8139821	54190.25	53912.48	53722.23	54036.32288	-314.0928792	-107.9228792	Varney-2018	67.50712077
605142.33	5601696.36	183.8195303	54190.25	53912.74	53722.49	54036.32288	-313.8328764	-107.6628764	Varney-2018	67.7671236
605142.91	5601695.83	183.810514	54190.26	53913.51	53723.25	54036.32217	-313.0721655	-106.9021655	Varney-2018	68.52783454
605144.69	5601696.05	183.9603622	54190.28	53909.51	53719.23	54036.32273	-317.0927327	-110.9227327	Varney-2018	64.5072673
605145.95	5601696.78	184.1218371	54190.26	53903.79	53713.53	54036.32398	-322.793984	-116.623984	Varney-2018	58.80601601
605145.99	5601698.39	184.2799529	54190.24	53899.82	53709.58	54036.32637	-326.7463744	-120.5763744	Varney-2018	54.85362555
605146.63	5601697.01	184.1932278	54190.2	53899.27	53709.07	54036.32441	-327.254415	-121.084415	Varney-2018	54.34558504
605147.47	5601697.63	184.3138747	54190.16	53899.33	53709.17	54036.32544	-327.1554429	-120.9854429	Varney-2018	54.44455709
605148.57	5601696.47	184.2814652	54190.14	53908.96	53718.82	54036.32388	-317.5038754	-111.3338754	Varney-2018	64.09612464
605149.03	5601696.25	184.2934738	54190.11	53927.37	53737.26	54036.32361	-299.0636125	-92.89361245	Varney-2018	82.53638755
605149.83	5601695.91	184.3184402	54190.11	53924.68	53734.57	54036.32322	-301.753219	-95.58321903	Varney-2018	79.84678097
605150.52	5601695.18	184.2976694	54190.1	53922.47	53732.37	54036.32224	-303.9522379	-97.78223791	Varney-2018	77.64776209
605151.87	5601693.87	184.3206585	54190.11	53914.09	53723.98	54036.31911	-312.3391079	-106.1691079	Varney-2018	69.26089213
605152.25	5601693.2	184.3002291	54190.13	53913.67	53723.54	54036.31772	-312.7777236	-106.6077236	Varney-2018	68.82227637
605152.29	5601692.68	184.2545689	54190.14	53912.66	53722.52	54036.31692	-313.7969167	-107.6269167	Varney-2018	67.8030833
605152.53	5601691.52	184.1703366	54190.16	53908.56	53718.4	54036.31496	-317.9149585	-111.7449585	Varney-2018	63.68504146
605153.32	5601690.47	184.1610458	54190.16	53911.87	53721.71	54036.31259	-314.6025855	-108.4325855	Varney-2018	66.99741449
605154.57	5601689.28	184.1919675	54190.16	53913	53722.84	54036.30952	-313.4695244	-107.2995244	Varney-2018	68.13047557
605154.04	5601688.84	184.0874171	54190.17	53912.96	53722.79	54036.30943	-313.5194329	-107.3494329	Varney-2018	68.08056708
605153.96	5601688.82	184.0761294	54190.18	53913.99	53723.81	54036.30949	-312.4994874	-106.3294874	Varney-2018	69.10051262
605154.51	5601688.6	184.119123	54190.18	53913.61	53723.43	54036.30859	-312.8785871	-106.7085871	Varney-2018	68.72141286
605155.78	5601687.53	184.1639855	54190.17	53913.15	53722.98	54036.30568	-313.325682	-107.155682	Varney-2018	68.27431803
605157.62	5601688.15	184.4390912	54190.14	53913.54	53723.4	54036.30466	-312.9046648	-106.7346648	Varney-2018	68.69533517
605157.44	5601686.99	184.3057378	54190.1	53911.78	53721.68	54036.30315	-314.6231477	-108.4531477	Varney-2018	66.97685232
605157.93	5601686.78	184.3426795	54190.06	53912.66	53722.6	54036.30233	-313.7023252	-107.5323252	Varney-2018	67.89767477
605159.49	5601686.6	184.5075926	54190.02	53911.5	53721.48	54036.30043	-314.8204253	-108.6504253	Varney-2018	66.77957467
605160.73	5601687.12	184.7028845	54189.99	53913.03	53723.04	54036.29989	-313.2598901	-107.0898901	Varney-2018	68.34010994
605161.81	5601686.54	184.7729565	54189.96	53912.17	53722.21	54036.29791	-314.0879053	-107.9179053	Varney-2018	67.51209473
605161.91	5601686.54	184.784645	54189.94	53909.75	53719.81	54036.2978	-316.4878005	-110.3178005	Varney-2018	65.11219955
605161.69	5601686.25	184.7308472	54189.92	53911.59	53721.67	54036.2976	-314.6276047	-108.4576047	Varney-2018	66.97239528
605161.35	5601686.58	184.7230628	54189.94	53910.65	53720.71	54036.29845	-315.5884463	-109.4184463	Varney-2018	66.01155375
605161.79	5601686.06	184.7241362	54189.96	53912.12	53722.16	54036.29722	-314.1372206	-107.9672206	Varney-2018	67.46277942
605162.57	5601685.89	184.7988422	54189.98	53911.24	53721.26	54036.29615	-315.0361531	-108.8661531	Varney-2018	66.56384688
605163.05	5601685.2	184.7881237	54190.01	53910.15	53720.14	54036.29464	-316.1546357	-109.9846357	Varney-2018	65.44536428
605163.89	5601685.52	184.9172939	54190.03	53910.59	53720.56	54036.29423	-315.7342257	-109.5642257	Varney-2018	65.86577429
605164.32	5601685.63	184.9782062	54190.05	53911.47	53721.42	54036.29394	-314.8739367	-108.7039367	Varney-2018	66.72606329
605166.25	5601685.91	185.2309075	54190.07	53912.25	53722.18	54036.29233	-314.1123253	-107.9423253	Varney-2018	67.48767465
605166.68	5601685.32	185.2240209	54190.1	53912.23	53722.13	54036.29101	-314.1610076	-107.9910076	Varney-2018	67.43899242
605166.89	5601684.26	185.1458955	54190.11	53911.78	53721.67	54036.28923	-314.6192297	-108.4492297	Varney-2018	66.98077027
605166.83	5601683.88	185.1020767	54190.12	53910.35	53720.23	54036.28873	-316.0587342	-109.8887342	Varney-2018	65.54126583
605166.73	5601683.26	185.0303372	54190.12	53908.9	53718.78	54036.28793	-317.5079278	-111.3379278	Varney-2018	64.09207219
605166.49	5601683.01	184.9780736	54190.12	53905.3	53715.18	54036.28781	-321.1078119	-114.9378119	Varney-2018	60.4921881
605166.62	5601682.16	184.9109379	54190.11	53907.55	53717.44	54036.28643	-318.8464265	-112.6764265	Varney-2018	62.75357349
605166.3	5601681.38	184.7979921	54190.1	53906.7	53716.6	54036.28562	-319.6856155	-113.5156155	Varney-2018	61.91438453
605165.93	5601680.62	184.6811423	54190.09	53904.78	53714.69	54036.28489	-321.5948861	-115.4248861	Varney-2018	60.00511386
605165.65	5601679.99	184.5874031	54190.08	53908.5	53718.42	54036.28425	-317.8642535	-111.6942535	Varney-2018	63.73574645
605165.47	5601678.97	184.4675782	54190.08	53906.39	53716.31	54036.28294	-319.972943	-113.802943	Varney-2018	61.62705703
605165.51	5601678.4	184.417046	54190.09	53905.46	53715.37	54036.28206	-320.9120633	-114.7420633	Varney-2018	60.68793667
605165.58	5601678.39	184.4242572	54190.09	53905.79	53715.7	54036.28198	-320.5819753	-114.4119753	Varney-2018	61.01802468
605165.36	5601677.59	184.3210673	54190.1	53908.25	53718.15	54036.28103	-318.1310299	-111.9610299	Varney-2018	63.46897007
605165.82	5601677.08	184.3254225	54190.11	53904.73	53714.62	54036.2798	-321.6597986	-115.4897986	Varney-2018	59.94020136
605165.58	5601676.29	184.2208647	54190.13	53902.42	53712.29	54036.27889	-323.9888889	-117.8188889	Varney-2018	57.61111111
605165.64	5601676.09	184.2085046	54190.16	53901.65	53711.49	54036.27853	-324.7885321	-118.6185321	Varney-2018	56.81146789
605166.31	5601675.62	184.2412676	54190.19	53902.42	53712.23	54036.27714	-324.0471398	-117.8771398	Varney-2018	57.55286019
605165.74	5601675.3	184.1436742	54190.2	53903.95	53713.75	54036.27727	-322.5272663	-116.3572663	Varney-2018	59.07273367
605165.97	5601675.06	184.1473024	54190.21	53902.08	53711.87	54036.27667	-324.4066728	-118.2366728	Varney-2018	57.19332722

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605165.84	5601674.8	184.106931	54190.22	53900.02	53709.8	54036.27643	-326.4764268	-120.3064268	Varney-2018	55.12357323
605166.4	5601674.39	184.1326496	54190.23	53897.4	53707.17	54036.27524	-329.1052379	-122.9352379	Varney-2018	52.49476209
605165.54	5601674.5	184.0428233	54190.22	53896.55	53706.33	54036.2763	-329.9462999	-123.7762999	Varney-2018	51.65370006
605166.03	5601673.8	184.0322751	54190.21	53895.32	53705.11	54036.27476	-331.1647582	-124.9947582	Varney-2018	50.43524184
605166.21	5601673.9	184.062991	54190.21	53896.47	53706.26	54036.27472	-330.0147167	-123.8447167	Varney-2018	51.58528331
605166.24	5601673.68	184.0451877	54190.21	53898.38	53708.17	54036.27436	-328.104362	-121.934362	Varney-2018	53.49563805
605166.14	5601673.67	184.0325357	54190.21	53897.17	53706.96	54036.27445	-329.3144519	-123.1444519	Varney-2018	52.28554806
605165.33	5601673.11	183.8836623	54190.21	53898.02	53707.81	54036.27448	-328.4644768	-122.2944768	Varney-2018	53.13552317
605166.13	5601672.48	183.916109	54190.2	53892.79	53702.59	54036.27271	-333.6827135	-127.5127135	Varney-2018	47.91728651
605166.24	5601672	183.8824694	54190.19	53896.44	53706.25	54036.27189	-330.0218929	-123.8518929	Varney-2018	51.57810709
605166.72	5601670.75	183.8174742	54190.17	53900.08	53709.91	54036.26955	-326.3595535	-120.1895535	Varney-2018	55.24044652
605167.23	5601670.61	183.8634936	54190.14	53902.02	53711.88	54036.26881	-324.388814	-118.218814	Varney-2018	57.21118601
605167.67	5601670.44	183.898429	54190.12	53903.01	53712.89	54036.2681	-323.3781037	-117.2081037	Varney-2018	58.2218963
605166.98	5601670.99	183.8710944	54190.09	53895.77	53705.68	54036.26963	-330.5896341	-124.4196341	Varney-2018	51.01036592
605167.74	5601670.58	183.9201672	54190.1	53903.03	53712.93	54036.26824	-323.3382362	-117.1682362	Varney-2018	58.26176383
605167.1	5601670.57	183.8444323	54190.11	53901.45	53711.34	54036.26889	-324.9288913	-118.7588913	Varney-2018	56.67110874
605167.2	5601669.96	183.7970299	54190.15	53913.26	53723.11	54036.26789	-313.1578902	-106.9878902	Varney-2018	68.44210983
605167.64	5601666.86	183.5481595	54190.19	53932.46	53742.27	54036.26287	-293.9928742	-87.82287418	Varney-2018	87.60712582
605166.75	5601667.11	183.4684152	54190.24	53955.43	53765.19	54036.26417	-271.0741727	-64.90417266	Varney-2018	110.5258273
605167.31	5601666.47	183.4718374	54190.29	53966.71	53776.42	54036.26265	-259.8426463	-53.67264628	Varney-2018	121.7573537
605168.41	5601663.79	183.3407268	54190.31	53988.54	53798.23	54036.25756	-238.0275574	-31.85755742	Varney-2018	143.5724426
605168.52	5601663.39	183.3148283	54190.34	53996	53805.66	54036.25685	-230.5968546	-24.4268546	Varney-2018	151.0031454
605168.85	5601662.9	183.3059058	54190.33	53999.53	53809.2	54036.25579	-227.0557895	-20.88578948	Varney-2018	154.5442105
605167.97	5601662.75	183.1885992	54190.32	53997.1	53806.78	54036.25649	-229.4764893	-23.3064893	Varney-2018	152.1235107
605167.76	5601661.69	183.0613991	54190.28	53995.12	53804.84	54036.25515	-231.4151512	-25.2451512	Varney-2018	150.1848488
605167.01	5601662.02	183.0057721	54190.24	53993.78	53803.54	54036.25642	-232.7164204	-26.54642037	Varney-2018	148.8835796
605167.62	5601660.56	182.9355953	54190.2	53989.64	53799.44	54036.25364	-236.813637	-30.64363699	Varney-2018	144.786363
605166.8	5601660.02	182.7875297	54190.15	53985.7	53795.55	54036.2537	-240.7037007	-34.53370069	Varney-2018	140.8962993
605165.99	5601660.32	182.7219938	54190.13	53984.04	53793.91	54036.25499	-242.3449884	-36.1749884	Varney-2018	139.2550116
605165.94	5601659.83	182.6686958	54190.11	53984.55	53794.44	54036.25432	-241.8143205	-35.64432051	Varney-2018	139.7856795
605165.8	5601658.19	182.4935053	54190.12	53993.01	53802.89	54036.25206	-233.3620565	-27.19205649	Varney-2018	148.2379435
605165.37	5601658.35	182.458789	54190.13	53995.35	53805.22	54036.25274	-231.0327411	-24.86274111	Varney-2018	150.5672589
605165.87	5601658.21	182.5036165	54190.17	53994.42	53804.25	54036.25201	-232.0020127	-25.83201272	Varney-2018	149.5979873
605166.2	5601657.92	182.5140636	54190.22	53996.08	53805.86	54036.25124	-230.3912416	-24.22124158	Varney-2018	151.2087584
605166.2	5601657.68	182.4908182	54190.22	53994.86	53804.64	54036.25089	-231.6108889	-25.44088885	Varney-2018	149.9891111
605166.48	5601656.69	182.4276257	54190.23	53999.23	53809	54036.24914	-227.2491412	-21.07914122	Varney-2018	154.3508588
605166.68	5601656.06	182.3899587	54190.22	54000.55	53810.33	54036.24801	-225.9180063	-19.74800633	Varney-2018	155.6819937
605166.97	5601654.82	182.3037155	54190.21	54003.53	53813.32	54036.24588	-222.9258809	-16.75588094	Varney-2018	158.6741191
605167.36	5601654.85	182.3521578	54190.17	54006.96	53816.79	54036.24552	-219.4555175	-13.28551752	Varney-2018	162.1444825
605166.91	5601654.42	182.2579663	54190.13	54006.82	53816.69	54036.24536	-219.5553558	-13.38535578	Varney-2018	162.0446442
605166.25	5601654.39	182.1779998	54190.1	54009.48	53819.38	54036.246	-216.8660013	-10.69600128	Varney-2018	164.7339987
605166.36	5601653.82	182.135635	54190.06	54005.94	53815.88	54036.24505	-220.3650486	-14.19504862	Varney-2018	161.2349514
605165.47	5601652.94	181.946491	54190.05	54007.21	53817.16	54036.24469	-219.0846851	-12.91468506	Varney-2018	162.5153149
605165.65	5601652.89	181.9626638	54190.04	54003.71	53813.67	54036.24442	-222.5744235	-16.40442353	Varney-2018	159.0255765
605166.27	5601650.83	181.8355266	54190.04	54005.33	53815.29	54036.24075	-220.9507482	-14.78074824	Varney-2018	160.6492518
605166.13	5601651.12	181.8472705	54190.04	54008.62	53818.58	54036.24132	-217.6613207	-11.49132068	Varney-2018	163.9386793
605165.13	5601650.25	181.6462636	54190.05	54010.51	53820.46	54036.24109	-215.7810864	-9.611086424	Varney-2018	165.8189136
605165.58	5601650.08	181.6823326	54190.07	54009.28	53819.21	54036.24037	-217.0303666	-10.86036658	Varney-2018	164.5696334
605166.38	5601649.19	181.6895235	54190.06	54010.16	53820.1	54036.23822	-216.138223	-9.968223042	Varney-2018	165.461777
605166.66	5601648.85	181.6892785	54190.04	54015.63	53825.59	54036.23743	-210.647431	-4.477430953	Varney-2018	170.952569
605166.44	5601649.29	181.7062135	54190.01	54019.12	53829.11	54036.23831	-207.1283074	-0.958307354	Varney-2018	174.4716926
605167	5601649.04	181.7473723	54189.98	54024.29	53834.31	54036.23736	-201.9273551	4.242644864	Varney-2018	179.6726449
605166.74	5601648.57	181.6714972	54189.95	54028.44	53838.49	54036.23694	-197.7469359	8.423064093	Varney-2018	183.8530641
605166.75	5601647.5	181.5745744	54189.92	54030.45	53840.53	54036.23521	-195.7052057	10.46479427	Varney-2018	185.8947943
605166.24	5601647.51	181.5157924	54189.9	54025.35	53835.45	54036.23576	-200.7857587	5.38424131	Varney-2018	180.8142413
605167.17	5601646.85	181.578453	54189.87	54028.05	53838.18	54036.23334	-198.0533394	8.116660592	Varney-2018	183.5466606
605166.46	5601645.98	181.4359736	54189.86	54023.38	53833.52	54036.23215	-202.7121477	3.457852328	Varney-2018	178.8878523
605167.32	5601646.53	181.5736521	54189.85	54037.41	53847.56	54036.23248	-188.6724821	17.4975179	Varney-2018	192.9275179
605168.65	5601645.88	181.6822409	54189.85	54039.99	53850.14	54036.22971	-186.0897058	20.08029416	Varney-2018	195.5102942
605168.92	5601647.63	181.8367743	54189.84	54036.13	53846.29	54036.23323	-189.9432292	16.2267708	Varney-2018	191.6567708
605167.58	5601647.46	181.6685735	54189.82	54015.97	53826.15	54036.23425	-210.0842542	-3.914254159	Varney-2018	171.5157458
605166.62	5601645.98	181.4544794	54189.8	54007.85	53818.05	54036.23199	-218.1819852	-12.01198516	Varney-2018	163.4180148
605167.49	5601645.42	181.5161403	54189.78	54015.99	53826.21	54036.22987	-210.0198732	-3.849873169	Varney-2018	171.5801268
605166.34	5601645.09	181.3608068	54189.75	54003.58	53813.83	54036.2303	-222.4003005	-16.23030048	Varney-2018	159.1996995

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605165.24	5601643.23	181.1073799	54189.72	53990.04	53800.32	54036.22725	-235.9072526	-29.73725262	Varney-2018	145.6927474
605162.84	5601641.63	180.7272133	54189.68	53982.23	53792.55	54036.22595	-243.6759488	-37.50594875	Varney-2018	137.9240512
605163.77	5601644.14	181.0010845	54189.66	53976.16	53786.5	54036.23073	-249.7307309	-43.56073087	Varney-2018	131.8692691
605164.06	5601644.64	181.0680148	54189.63	53966.96	53777.33	54036.23157	-258.9015702	-52.7315702	Varney-2018	122.6984298
605163.98	5601643.87	181.0069366	54189.62	53961.82	53772.2	54036.22992	-264.0299161	-57.85991607	Varney-2018	117.5700839
605163.78	5601644.22	181.007611	54189.6	53950.2	53760.6	54036.2309	-275.6309014	-69.4609014	Varney-2018	105.9690986
605162.9	5601645.46	180.9895265	54189.61	53943.93	53754.32	54036.23458	-281.9145835	-75.74458355	Varney-2018	99.68541645
605161.71	5601647.1	180.9604799	54189.62	53931.29	53741.67	54036.23954	-294.5695359	-88.39953591	Varney-2018	87.03046409
605166.82	5601644.32	181.3628036	54189.62	53940.1	53750.48	54036.22812	-285.7481225	-79.57812253	Varney-2018	95.85187747
605166.46	5601642.53	181.1981403	54189.61	53936.66	53747.05	54036.22452	-289.1745216	-83.00452158	Varney-2018	92.42547842
605166.89	5601642.24	181.226881	54189.6	53972.2	53782.6	54036.22347	-253.6234704	-47.45347037	Varney-2018	127.9765296
605166.6	5601641.71	181.157432	54189.58	53975.18	53785.6	54036.22258	-250.6225767	-44.45257668	Varney-2018	130.9774233
605166.06	5601641.11	181.0551986	54189.57	53985.41	53795.84	54036.22176	-240.3817568	-34.21175681	Varney-2018	141.2182432
605166.37	5601636.01	180.7388194	54189.55	54008.59	53819.04	54036.21019	-217.1701859	-11.00018589	Varney-2018	164.4298141
605168.62	5601635.07	180.9190173	54189.55	54026.89	53837.34	54036.20623	-198.866227	7.303772988	Varney-2018	182.733773
605170.51	5601633.54	181.0154383	54189.54	54008.42	53818.88	54036.20137	-217.3213685	-11.15136849	Varney-2018	164.2786315
605173.76	5601633.93	181.3948109	54189.53	53998.56	53809.03	54036.19955	-227.1695507	-20.99955066	Varney-2018	154.4304493
605176.14	5601632.81	181.5682563	54189.52	53965.38	53775.86	54036.19531	-260.3353107	-54.16531069	Varney-2018	121.2646893
605179.25	5601632.74	181.8970648	54189.54	53993.94	53804.4	54036.19269	-231.7926888	-25.62268881	Varney-2018	149.8073112
605182.55	5601631.77	182.1749385	54189.56	54012.33	53822.77	54036.18817	-213.4181728	-7.248172812	Varney-2018	168.1818272
605185.09	5601632.21	182.4816728	54189.57	54049.61	53860.04	54036.18703	-176.1470265	30.02297347	Varney-2018	205.4529735
605187.92	5601630.15	182.6151707	54189.59	54014.65	53825.06	54036.18097	-211.1209731	-4.950973108	Varney-2018	170.4790269
605191.59	5601628.65	182.8765711	54189.59	54050.62	53861.03	54036.17551	-175.1455128	31.02448719	Varney-2018	206.4544872
605193.92	5601627.22	182.9978679	54189.58	54028	53838.42	54036.1713	-197.7513015	8.418698508	Varney-2018	183.8486985
605195.89	5601627.03	183.1861176	54189.57	54008.07	53818.5	54036.16958	-217.6695837	-11.49958371	Varney-2018	163.9304163
605199.57	5601626.1	183.4850178	54189.55	54029.35	53839.8	54036.16545	-196.3654515	9.804548513	Varney-2018	185.2345485
605202.17	5601625.5	183.6988303	54189.52	54021.12	53831.6	54036.16269	-204.5626926	1.60730737	Varney-2018	177.0373074
605204.9	5601625.85	184.012266	54189.48	53991.56	53802.08	54036.16139	-234.081395	-27.91139499	Varney-2018	147.518605
605207.97	5601624.78	184.2274197	54189.48	53947.76	53758.28	54036.15767	-277.8776669	-71.70766685	Varney-2018	103.7223331
605210.34	5601625.12	184.5029704	54189.49	53939.56	53750.07	54036.15659	-286.0865949	-79.9165949	Varney-2018	95.5134051
605213.24	5601626.18	184.9046663	54189.49	53942.72	53753.23	54036.15617	-282.9261726	-76.75617258	Varney-2018	98.67382742
605215.62	5601627.15	185.247158	54189.48	53950.96	53761.48	54036.15589	-274.67589	-68.50588996	Varney-2018	106.92411
605218.02	5601626.24	185.4046339	54189.48	53951.16	53761.68	54036.15296	-274.4729629	-68.30296293	Varney-2018	107.1270371
605219.76	5601624.33	185.3894039	54189.49	53951.11	53761.62	54036.14922	-274.5292237	-68.35922367	Varney-2018	107.0707763
605221.3	5601622.31	185.3384957	54189.49	53953.25	53763.76	54036.14558	-272.3855761	-66.21557607	Varney-2018	109.2144239
605221.61	5601620.16	185.1477045	54189.48	53955.17	53765.69	54036.14259	-270.4525896	-64.28258957	Varney-2018	111.1474104
605222.26	5601618.99	185.0911057	54189.46	53956.81	53767.35	54036.1407	-268.7906994	-62.62069942	Varney-2018	112.8093006
605223.03	5601618	185.0640854	54189.44	53957.04	53767.6	54036.139	-268.538998	-62.36899795	Varney-2018	113.061002
605222.87	5601617.05	184.9494964	54189.43	53955.56	53766.13	54036.13787	-270.0078722	-63.8378722	Varney-2018	111.5921278
605223.61	5601615.88	184.8994421	54189.42	53957.71	53768.29	54036.13599	-267.8459932	-61.67599317	Varney-2018	113.7540068
605223.34	5601617.25	185.0162609	54189.42	53957.87	53768.45	54036.13787	-267.6878736	-61.5178736	Varney-2018	113.9121264
605222.47	5601616.84	184.8886368	54189.41	53958.49	53769.08	54036.13782	-267.0578174	-60.88781745	Varney-2018	114.5421826
605222.12	5601615.86	184.7529722	54189.41	53958.58	53769.17	54036.13674	-266.9667396	-60.79673962	Varney-2018	114.6332604
605222.31	5601614.65	184.6458734	54189.4	53958.3	53768.9	54036.13508	-267.2350834	-61.06508339	Varney-2018	114.3649166
605221.75	5601614.28	184.5537823	54189.4	53959.66	53770.26	54036.13488	-265.8748825	-59.70488247	Varney-2018	115.7251175
605221.68	5601613.93	184.5109012	54189.41	53958.31	53768.9	54036.13446	-267.2344626	-61.06446264	Varney-2018	114.3655374
605221.72	5601613.61	184.4816541	54189.42	53958.52	53769.1	54036.13403	-267.0340281	-60.86402809	Varney-2018	114.5659719
605221.65	5601613.08	184.4202119	54189.43	53956.95	53767.52	54036.13337	-268.6133736	-62.44337361	Varney-2018	112.9866264
605221.56	5601613.57	184.4622441	54189.42	53957.79	53768.37	54036.13405	-267.764053	-61.59405302	Varney-2018	113.835947
605221.29	5601612.89	184.3663644	54189.41	53958.19	53768.78	54036.1333	-267.3532957	-61.18329572	Varney-2018	114.2467043
605221.53	5601612.64	184.3633658	54189.39	53957.65	53768.26	54036.13286	-267.8728581	-61.7028581	Varney-2018	113.7271419
605221.69	5601612.5	184.364081	54189.36	53957.24	53767.88	54036.1326	-268.2526021	-62.08260206	Varney-2018	113.3473979
605221.18	5601611.85	184.2487651	54189.33	53961.03	53771.7	54036.13199	-264.4319889	-58.26198891	Varney-2018	117.1680111
605222.29	5601612.17	184.3867387	54189.29	53958.75	53769.46	54036.1319	-266.6718996	-60.50189963	Varney-2018	114.9281004
605222.82	5601612.08	184.4275128	54189.27	53960.75	53771.48	54036.13154	-264.6515423	-58.48154231	Varney-2018	116.9484577
605224.22	5601612.47	184.6007922	54189.25	53960.13	53770.88	54036.13139	-265.2513944	-59.08139442	Varney-2018	116.3486056
605225.03	5601612.91	184.7239551	54189.26	53960.44	53771.18	54036.13157	-264.9515669	-58.78156694	Varney-2018	116.6484331
605224	5601612.65	184.5987993	54189.27	53959.06	53769.79	54036.13172	-266.3417228	-60.17172276	Varney-2018	115.2582772
605223.24	5601610.91	184.3451831	54189.26	53963.72	53774.46	54036.12986	-261.6698627	-55.49986266	Varney-2018	119.9301373
605223.05	5601610.74	184.3096463	54189.25	53961.57	53772.32	54036.12973	-263.8097287	-57.63972874	Varney-2018	117.7902713
605222.58	5601610.26	184.2157332	54189.25	53961.19	53771.94	54036.12932	-264.1893166	-58.01931657	Varney-2018	117.4106834
605223.25	5601609.33	184.1813076	54189.25	53963.44	53774.19	54036.12785	-261.9378486	-55.76784864	Varney-2018	119.6621514
605223.46	5601609.38	184.2060243	54189.22	53960.99	53771.77	54036.12783	-264.357826	-58.18782596	Varney-2018	117.242174
605223.72	5601609.83	184.2772409	54189.18	53961.7	53772.52	54036.12829	-263.608288	-57.438288	Varney-2018	117.991712

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605224.1	5601610.69	184.4027991	54189.14	53964.17	53775.03	54036.12921	-261.0992108	-54.92921082	Varney-2018	120.5007892
605224.79	5601610.1	184.4053268	54189.09	53964.29	53775.2	54036.12818	-260.928177	-54.75817696	Varney-2018	120.671823
605224.55	5601608.9	184.2567856	54189.08	53962.85	53773.77	54036.12678	-262.3567779	-56.18677789	Varney-2018	119.2432221
605224.54	5601608.11	184.1728183	54189.07	53964.91	53775.84	54036.12579	-260.2857939	-54.11579394	Varney-2018	121.3142061
605224.15	5601609.32	184.2638069	54189.09	53965.68	53776.59	54036.12747	-259.537467	-53.36746703	Varney-2018	122.062533
605224.75	5601611.5	184.5489399	54189.11	53961.5	53772.39	54036.12994	-263.7399399	-57.56993986	Varney-2018	117.8600601
605224.27	5601606.23	183.9506572	54189.11	53964.26	53775.15	54036.12354	-260.9735397	-54.80353966	Varney-2018	120.6264603
605224.25	5601606.56	183.9834679	54189.12	53967.97	53778.85	54036.12396	-257.2739611	-51.10396112	Varney-2018	124.3260389
605224.23	5601607.15	184.0435503	54189.12	53965.46	53776.34	54036.12471	-259.7847093	-53.61470929	Varney-2018	121.8152907
605223.87	5601607.07	184.002244	54189.11	53967.41	53778.3	54036.12474	-257.824743	-51.654743	Varney-2018	123.775257
605224.12	5601606.06	183.9191969	54189.07	53966.63	53777.56	54036.12338	-258.5633797	-52.39337969	Varney-2018	123.0366203
605223.13	5601606.11	183.8345225	54189.03	53965.68	53776.65	54036.1238	-259.4737958	-53.30379583	Varney-2018	122.1262042
605223.41	5601605.43	183.7889534	54188.99	53959.73	53770.74	54036.12283	-265.3828328	-59.2128328	Varney-2018	116.2171672
605224.32	5601604.98	183.8239785	54188.94	53963.72	53774.78	54036.12195	-261.3419539	-55.1719539	Varney-2018	120.2580461
605223.34	5601604.75	183.7116547	54188.9	53965.93	53777.03	54036.12199	-259.0919931	-52.92199308	Varney-2018	122.5080069
605223.43	5601603.88	183.6289034	54188.86	53963.77	53774.91	54036.12086	-261.210859	-55.04085899	Varney-2018	120.389141
605222.82	5601603.24	183.5077587	54188.85	53962.88	53774.03	54036.12024	-262.0902356	-55.92023558	Varney-2018	119.5097644
605223.16	5601603.85	183.6016279	54188.84	53965.06	53776.22	54036.12091	-259.9009072	-53.73090718	Varney-2018	121.6990928
605223.57	5601603.18	183.5682662	54188.85	53961.92	53773.07	54036.11993	-263.0499275	-56.87992754	Varney-2018	118.5500725
605223.06	5601601.66	183.3645011	54188.86	53970.11	53781.25	54036.11815	-254.8681467	-48.69814669	Varney-2018	126.7318533
605223.13	5601601.34	183.3373088	54188.85	53964.92	53776.07	54036.11772	-260.0477192	-53.8777192	Varney-2018	121.5522808
605223.5	5601601.47	183.3833956	54188.84	53970.57	53781.73	54036.11778	-254.3877812	-48.21778116	Varney-2018	127.2122188
605223.51	5601604.33	183.6830718	54188.84	53969	53780.16	54036.1214	-255.9614038	-49.79140383	Varney-2018	125.6385962
605223.58	5601606.77	183.9443758	54188.84	53972.03	53783.19	54036.12447	-252.9344711	-46.76447114	Varney-2018	128.6655289
605222.97	5601601.02	183.289928	54188.81	53972.35	53783.54	54036.11736	-252.5773552	-46.40735518	Varney-2018	129.0226448
605223.05	5601598.93	183.0791877	54188.78	53974.39	53785.61	54036.11467	-250.5046681	-44.33466808	Varney-2018	131.0953319
605222.28	5601598.11	182.9276553	54188.75	53975.19	53786.44	54036.1138	-249.6737953	-43.50379531	Varney-2018	131.9262047
605221.77	5601597.57	182.828045	54188.71	53970.9	53782.19	54036.11321	-253.9232098	-47.7532098	Varney-2018	127.6767902
605221.39	5601597.41	182.7790482	54188.67	53971.52	53782.85	54036.11308	-253.2630833	-47.09308332	Varney-2018	128.3369167
605218.87	5601599.95	182.8218485	54188.63	53974.76	53786.13	54036.11703	-249.9870348	-43.8170348	Varney-2018	131.6129652
605218.57	5601599.25	182.724774	54188.6	53976.23	53787.63	54036.11617	-248.4861668	-42.3161668	Varney-2018	133.1138332
605217.9	5601599.08	182.6496175	54188.57	53976.74	53788.17	54036.1161	-247.9460986	-41.77609864	Varney-2018	133.6539014
605218.39	5601598.54	182.6372822	54188.55	53990.8	53802.25	54036.11525	-233.8652505	-27.6952505	Varney-2018	147.7347495
605220.11	5601596.64	182.590914	54188.53	54005.64	53817.11	54036.11234	-219.0023366	-12.83233664	Varney-2018	162.5976634
605220.21	5601595.74	182.5072297	54188.51	54023.13	53834.62	54036.11113	-201.4911266	4.67887337	Varney-2018	180.1088734
605218.79	5601594.98	182.3102643	54188.49	54018.74	53830.25	54036.11037	-205.8603672	0.309632767	Varney-2018	175.7396328
605219.61	5601592.54	182.1300661	54188.49	54028.05	53839.56	54036.10698	-196.5469751	9.6230249	Varney-2018	185.0530249
605220.05	5601590.72	181.9800892	54188.49	54024.83	53836.34	54036.10451	-199.7645055	6.405494455	Varney-2018	181.8354945
605219.65	5601589.51	181.8240891	54188.49	54030.87	53842.38	54036.10294	-193.7229355	12.44706455	Varney-2018	187.8770645
605220.21	5601586.91	181.6028719	54188.49	54024.2	53835.71	54036.09945	-200.3894515	5.780548491	Varney-2018	181.2105485
605220.65	5601584.11	181.3500327	54188.49	54006.13	53817.64	54036.09575	-218.4557523	-12.28575227	Varney-2018	163.1442477
605220.44	5601582.64	181.183071	54188.48	53994.94	53806.46	54036.09381	-229.6338128	-23.46381276	Varney-2018	151.9661872
605220.68	5601581.93	181.1284351	54188.48	53986.58	53798.1	54036.09289	-237.992887	-31.82288695	Varney-2018	143.607113
605220.9	5601580.93	181.0422545	54188.47	53980.88	53792.41	54036.09159	-243.6815855	-37.51158555	Varney-2018	137.9184145
605220.65	5601580.29	180.957746	54188.45	53975.4	53786.95	54036.09073	-249.1407291	-42.97072914	Varney-2018	132.4592709
605220.44	5601579.42	180.8528212	54188.42	53973.71	53785.29	54036.08957	-250.7995674	-44.62956742	Varney-2018	130.8004326
605220.27	5601579.74	180.8729932	54188.41	53973.12	53784.71	54036.08998	-251.3799759	-45.20997589	Varney-2018	130.2200241
605219.25	5601580.13	180.8368162	54188.4	53971.2	53782.8	54036.09042	-253.2904172	-47.12041716	Varney-2018	128.3095828
605219.62	5601578.6	180.7082953	54188.4	53975.27	53786.87	54036.08841	-249.2184061	-43.04840607	Varney-2018	132.3815939
605219.93	5601578.84	180.7556776	54188.39	53977.73	53789.34	54036.08875	-246.7487548	-40.57875485	Varney-2018	134.8512452
605220.26	5601577.33	180.6253449	54188.39	53981.55	53793.16	54036.08679	-242.9267905	-36.7567905	Varney-2018	138.6732095
605220.68	5601576.48	180.5686572	54188.4	53981.68	53793.28	54036.08572	-242.8057231	-36.63572311	Varney-2018	138.7942769
605222.06	5601574.22	180.4344548	54188.4	53978.65	53790.25	54036.08299	-245.8329873	-39.66298733	Varney-2018	135.7670127
605222.57	5601573.38	180.3833781	54188.4	53976.54	53788.14	54036.082	-247.9419962	-41.77199622	Varney-2018	133.6580038
605223.27	5601572.66	180.3575704	54188.39	53976.64	53788.25	54036.08121	-247.8312095	-41.6612095	Varney-2018	133.7687905
605224.59	5601572.02	180.3826616	54188.38	53984.69	53796.31	54036.08067	-239.7706683	-33.60066834	Varney-2018	141.8293317
605224.6	5601571.55	180.3147443	54188.37	53985.32	53796.95	54036.08059	-239.1305922	-32.96059222	Varney-2018	142.4694078
605224.97	5601570.69	180.1836884	54188.35	53987.05	53798.7	54036.08135	-237.3813549	-31.21135489	Varney-2018	144.2186451
605225.09	5601569.7	180.011466	54188.33	53988.01	53799.68	54036.08217	-236.4021714	-30.23217139	Varney-2018	145.1978286
605225.2	5601568.63	179.8238071	54188.31	53988.46	53800.15	54036.08305	-235.9330538	-29.76305376	Varney-2018	145.6669462
605224.58	5601567.23	179.5275376	54188.28	53986.61	53798.33	54036.08399	-237.753986	-31.58398602	Varney-2018	143.846014
605224.83	5601567	179.5021743	54188.25	53987.2	53798.95	54036.08424	-237.1342431	-30.96424308	Varney-2018	144.4657569
605225.12	5601567.01	179.5231076	54188.24	53983.02	53794.78	54036.08432	-241.3043234	-35.13432343	Varney-2018	140.2956766
605224.97	5601567.34	179.5733452	54188.22	53984.71	53796.49	54036.08402	-239.5940157	-33.42401567	Varney-2018	142.0059843

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605225.71	5601566.34	179.4395558	54188.22	53985.76	53797.54	54036.08504	-238.5450449	-32.37504491	Varney-2018	143.0549551
605226.81	5601565.35	179.2312438	54188.22	53981.48	53793.26	54036.08883	-242.8288308	-36.6588308	Varney-2018	138.7711692
605227.2	5601565.75	179.1465113	54188.22	53979.85	53791.63	54036.0935	-244.4634954	-38.29349538	Varney-2018	137.1365046
605228.08	5601564.74	178.6067228	54188.21	53987.12	53798.91	54036.10554	-237.1955435	-31.02554345	Varney-2018	144.4044565
605229.17	5601564.66	178.1521851	54188.22	53980.29	53792.07	54036.11952	-244.0495176	-37.87951763	Varney-2018	137.5504824
605229.88	5601563.75	177.7025126	54188.23	53986.22	53797.99	54036.12923	-238.1392297	-31.96922974	Varney-2018	143.4607703
605230.16	5601563.85	177.6076903	54188.23	53990.49	53802.26	54036.13272	-233.8727243	-27.70272432	Varney-2018	147.7272757
605229.99	5601563.74	177.6564455	54188.22	53994.9	53806.68	54036.13064	-229.4506374	-23.28063741	Varney-2018	152.1493626
605230.34	5601562.75	177.3387651	54188.23	54003.64	53815.41	54036.13579	-220.7257853	-14.55578533	Varney-2018	160.8742147
605230.65	5601561.65	177.0183731	54188.24	53998.89	53810.65	54036.14048	-225.4904787	-19.32047871	Varney-2018	156.1095213
605231.42	5601560.41	176.4907853	54188.23	53997.09	53808.86	54036.15105	-227.2910482	-21.12104816	Varney-2018	154.3089518
605231.14	5601559.24	176.3945403	54188.22	53997.74	53809.52	54036.1483	-226.6283005	-20.45830053	Varney-2018	154.9716995
605229.82	5601558	176.6959254	54188.21	54000.37	53812.16	54036.13259	-223.9725853	-17.80258527	Varney-2018	157.6274147
605230.49	5601557.3	176.3063155	54188.2	53993.86	53805.66	54036.14147	-230.48147	-24.31147002	Varney-2018	151.11853
605231.1	5601556.54	175.9308543	54188.19	53989.08	53800.89	54036.14961	-235.2596138	-29.08961383	Varney-2018	146.3403862
605231.17	5601555.44	175.708052	54188.18	53987.44	53799.26	54036.15123	-236.8912253	-30.72122528	Varney-2018	144.7087747
605230.12	5601555.44	176.1194737	54188.16	53982.93	53794.77	54036.13815	-241.368154	-35.19815397	Varney-2018	140.231846
605231.57	5601553.7	175.2433251	54188.13	53976.46	53788.33	54036.15735	-247.8273475	-41.65734751	Varney-2018	133.7726525
605232.19	5601553.76	175.0123502	54188.11	53980.47	53792.36	54036.16499	-243.8049909	-37.63499087	Varney-2018	137.7950091
605231.96	5601554.28	175.1937579	54188.08	53983.11	53795.03	54036.16181	-241.1318062	-34.96180624	Varney-2018	140.4681938
605232.58	5601553.24	174.7690098	54188.07	53985.37	53797.3	54036.17015	-238.8701471	-32.70014715	Varney-2018	142.7298529
605233.17	5601553.57	174.5972329	54188.06	53984.78	53796.72	54036.17725	-239.457249	-33.287249	Varney-2018	142.142751
605233.94	5601553.57	174.2973752	54188.06	53982.62	53794.56	54036.18679	-241.6267855	-35.45678551	Varney-2018	139.9732145
605235.12	5601553.57	173.8378529	54188.07	53985.59	53797.52	54036.2014	-238.6813999	-32.5113999	Varney-2018	142.9186001
605235.96	5601553.55	173.5073081	54188.09	53988.06	53799.97	54036.21181	-236.2418135	-30.07181351	Varney-2018	145.3581865
605236.77	5601552.69	173.0454173	54188.12	53992.15	53804.03	54036.22226	-232.1922571	-26.02225708	Varney-2018	149.4077429
605237.62	5601552.16	172.6256761	54188.14	53993.16	53805.02	54036.233	-231.2129976	-25.04299755	Varney-2018	150.3870024
605237.24	5601552.27	172.7916378	54188.16	53996.71	53808.55	54036.22826	-227.6782585	-21.50825854	Varney-2018	153.9217415
605238.48	5601550.62	172.0334199	54188.17	53993.82	53805.65	54036.24426	-230.5942556	-24.42425565	Varney-2018	151.0057444
605238.85	5601550.35	171.8454712	54188.19	53997.86	53809.67	54036.24891	-226.5789111	-20.40891115	Varney-2018	155.0210889
605239.23	5601549.38	171.536919	54188.18	53995.11	53806.93	54036.25396	-229.3239593	-23.15395925	Varney-2018	152.2760407
605240.09	5601549.68	171.2564624	54188.17	54002.77	53814.6	54036.26438	-221.6643777	-15.49437769	Varney-2018	159.9356223
605240.35	5601549.4	171.1101111	54188.13	54008.32	53820.19	54036.26766	-216.0776633	-9.907663318	Varney-2018	165.5223367
605240.24	5601549.36	171.1457237	54188.09	54010.44	53822.35	54036.26633	-213.916331	-7.746331043	Varney-2018	167.683669
605240.97	5601548.76	170.7664422	54188.06	54020.42	53832.36	54036.27547	-203.9154689	2.254531076	Varney-2018	177.6845311
605241.63	5601547.52	170.3100537	54188.02	54031.38	53843.36	54036.28392	-192.9239235	13.24607648	Varney-2018	188.6760765
605242.51	5601546.94	169.8796995	54188.02	54043.84	53855.82	54036.29481	-180.4748052	25.69519481	Varney-2018	201.1251948
605243.1	5601547.1	169.6809175	54188.01	54052.82	53864.81	54036.30194	-171.4919368	34.67806319	Varney-2018	210.1080632
605243.99	5601546.71	169.2789285	54188.01	54059.59	53871.58	54036.31285	-164.732854	41.43714603	Varney-2018	216.867146
605244.9	5601545.33	168.7119612	54188.01	54064.97	53876.96	54036.32419	-159.3641901	46.80580989	Varney-2018	222.2358099
605244.21	5601545.21	168.9540633	54188	54069.82	53881.82	54036.31587	-154.4958654	51.67413459	Varney-2018	227.1041346
605243.39	5601543	168.9069788	54187.99	54065.74	53877.75	54036.3065	-158.5565036	47.6134964	Varney-2018	223.0434964
605244.29	5601541.86	168.3855851	54187.98	54064.37	53876.39	54036.31758	-159.9275796	46.24242043	Varney-2018	221.6724204
605243.21	5601541.07	168.6618903	54187.97	54071.56	53883.59	54036.30484	-152.7148402	53.45515982	Varney-2018	228.8851598
605241.99	5601539.66	168.8866903	54187.97	54076.97	53889	54036.29068	-147.2906753	58.87932468	Varney-2018	234.3093247
605241.72	5601538.53	168.8017347	54187.96	54079.55	53891.59	54036.28781	-144.6978102	61.47218977	Varney-2018	236.9021898
605242.57	5601537.51	168.3210408	54187.96	54077.53	53889.57	54036.29819	-146.7281885	59.44181154	Varney-2018	234.8718115
605244.3	5601536.2	167.4726241	54187.96	54076.44	53888.48	54036.31896	-147.8389581	58.33104186	Varney-2018	233.7610419
605244.85	5601535.02	167.0820052	54187.95	54074.61	53886.66	54036.32568	-149.6656843	56.50431571	Varney-2018	231.9343157
605244.43	5601533.81	167.0413745	54187.94	54066.71	53878.77	54036.32101	-157.551012	48.61898795	Varney-2018	224.048988
605244.54	5601531.84	166.6854816	54187.94	54040.64	53852.7	54036.32272	-183.6227222	22.5472778	Varney-2018	197.9772778
605245.16	5601531.93	166.47572	54187.93	54033.61	53845.68	54036.32992	-190.649924	15.52007603	Varney-2018	190.950076
605245.93	5601530.45	165.962645	54187.92	54019.66	53831.74	54036.33914	-204.5991388	1.570861161	Varney-2018	177.0008612
605246.33	5601529.09	165.6038476	54187.91	54010.5	53822.59	54036.34399	-213.7539856	-7.583985611	Varney-2018	167.8460144
605247.02	5601527.96	165.1792943	54187.92	54008.59	53820.67	54036.3521	-215.6821015	-9.512101491	Varney-2018	165.9178985
605247.14	5601527.29	165.0313336	54187.94	54005.32	53817.38	54036.35357	-218.9735669	-12.80356693	Varney-2018	162.6264331
605248.79	5601525.1	164.1053847	54187.93	54009.45	53821.52	54036.37267	-214.8526745	-8.682674529	Varney-2018	166.7473255
605248.83	5601526.03	164.2352491	54187.92	54010.97	53823.05	54036.37307	-213.323068	-7.153068015	Varney-2018	168.276932
605249.87	5601525.6	163.8010814	54187.91	54004.37	53816.46	54036.38499	-219.9249853	-13.7549853	Varney-2018	161.6750147
605250.67	5601525.56	163.5122161	54187.9	54003.09	53815.19	54036.39413	-221.2041302	-15.03413022	Varney-2018	160.3958698
605251.28	5601524.62	163.1540735	54187.89	53988.53	53800.64	54036.40109	-235.7610874	-29.59108741	Varney-2018	145.8389126
605251.85	5601522.76	162.6725891	54187.87	53969.27	53781.4	54036.40752	-255.0075184	-48.83751845	Varney-2018	126.5924816
605252.84	5601523.41	162.4235573	54187.87	53960.2	53772.33	54036.41878	-264.088784	-57.91878396	Varney-2018	117.511216
605253.73	5601522.82	162.0238621	54187.86	53959.46	53771.6	54036.42883	-264.8288323	-58.65883235	Varney-2018	116.7711677

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605253.82	5601523.32	162.0665712	54187.85	53955.87	53768.02	54036.4299	-268.4099038	-62.23990381	Varney-2018	113.1900962
605254.97	5601522.77	161.5826594	54187.84	53954.38	53766.54	54036.44288	-269.902882	-63.73288198	Varney-2018	111.697118
605255.8	5601522.55	161.2602213	54187.85	53955.05	53767.2	54036.45225	-269.2522521	-63.08225209	Varney-2018	112.3477479
605256.22	5601522.02	161.0364007	54187.86	53955.17	53767.31	54036.45691	-269.1469117	-62.97691169	Varney-2018	112.4530883
605256.27	5601522.09	161.0291252	54187.85	53953.92	53766.07	54036.45749	-270.3874901	-64.21749015	Varney-2018	111.2125099
605256.39	5601522.28	161.0148193	54187.84	53954.08	53766.24	54036.45888	-270.2188836	-64.04888361	Varney-2018	111.3811164
605256.98	5601522.08	160.7799303	54187.82	53956.37	53768.55	54036.46552	-267.915519	-61.74551897	Varney-2018	113.684481
605258.06	5601522.23	160.4245246	54187.8	53954.61	53766.81	54036.47777	-269.6677717	-63.49777172	Varney-2018	111.9322283
605258.77	5601522.05	160.1510794	54187.78	53959.05	53771.27	54036.48576	-265.2157572	-59.0457572	Varney-2018	116.3842428
605258.92	5601521.55	160.0278256	54187.76	53956.66	53768.9	54036.48732	-267.5873155	-61.41731545	Varney-2018	114.0126845
605259.01	5601522.17	160.0843516	54187.76	53957.71	53769.95	54036.48851	-266.5385051	-60.36850509	Varney-2018	115.0614949
605258.95	5601522.35	160.1308187	54187.75	53959.45	53771.7	54036.48788	-264.7878762	-58.6178762	Varney-2018	116.8121238
605259.71	5601521.66	159.7681976	54187.73	53958.63	53770.9	54036.49627	-265.5962701	-59.42627009	Varney-2018	116.0037299
605260.59	5601521.43	159.4294827	54187.7	53960.72	53773.02	54036.50613	-263.4861343	-57.31613433	Varney-2018	118.1138657
605260.82	5601520	159.1500838	54187.68	53961.6	53773.92	54036.50824	-262.5882427	-56.41824273	Varney-2018	119.0117573
605260.72	5601519.58	159.1261092	54187.66	53961.4	53773.74	54036.50698	-262.7669768	-56.59697685	Varney-2018	118.8330232
605262.68	5601519.67	158.460832	54187.66	53960.07	53772.41	54036.52902	-264.1190153	-57.94901533	Varney-2018	117.4809847
605262.64	5601519.05	158.3896907	54187.66	53961.89	53774.23	54036.52832	-262.2983161	-56.12831611	Varney-2018	119.3016839
605263.74	5601518.02	157.8704397	54187.68	53961.1	53773.42	54036.54019	-263.1201902	-56.95019021	Varney-2018	118.4798098
605264.75	5601518.53	157.5918051	54187.7	53950.4	53762.7	54036.55172	-273.8517167	-67.68171668	Varney-2018	107.7482833
605265.34	5601517.86	157.2991267	54187.73	53959.9	53772.17	54036.55799	-264.3879867	-58.21798665	Varney-2018	117.2120133
605265.27	5601517.56	157.28307	54187.76	53961.14	53773.38	54036.55706	-263.1770571	-57.00705705	Varney-2018	118.4229429
605266.2	5601516.9	156.8765322	54187.76	53959.34	53771.58	54036.56709	-264.9870863	-58.81708635	Varney-2018	116.6129137
605266.42	5601516.74	156.7800811	54187.76	53956.32	53768.56	54036.56945	-268.0094507	-61.83945068	Varney-2018	113.5905493
605267.52	5601517.32	156.4796611	54187.74	53957.72	53769.98	54036.58202	-266.6020227	-60.43202271	Varney-2018	114.9979773
605267.79	5601516.02	156.2175382	54187.72	53959.3	53771.58	54036.58428	-265.00428	-58.83428003	Varney-2018	116.59572
605268.27	5601515.25	155.9538323	54187.7	53955.61	53767.91	54036.58915	-268.6791515	-62.50915151	Varney-2018	112.9208485
605269.29	5601514.63	155.5272061	54187.67	53955.68	53768.01	54036.60006	-268.5900602	-62.42006015	Varney-2018	113.0099398
605269.74	5601513.9	155.2811112	54187.63	53955.27	53767.64	54036.60456	-268.9645644	-62.79456438	Varney-2018	112.6354356
605270.48	5601513.5	154.9798948	54187.59	53953.74	53766.15	54036.61246	-270.4624596	-64.29245956	Varney-2018	111.1375404
605270.34	5601511.55	154.7792495	54187.57	53950.41	53762.84	54036.60962	-273.7696182	-67.59961821	Varney-2018	107.8303818
605271.59	5601515.1	154.8057012	54187.54	53948.38	53760.84	54036.62582	-275.7858236	-69.61582361	Varney-2018	105.8141764
605272.16	5601512.37	154.2711828	54187.54	53955.17	53767.63	54036.63015	-269.0001472	-62.83014721	Varney-2018	112.5998528
605272.39	5601511.25	154.0543394	54187.53	53949.26	53761.73	54036.63185	-274.9018482	-68.73184819	Varney-2018	106.6981518
605271.95	5601510.82	154.1479561	54187.52	53947.35	53759.83	54036.62672	-276.796724	-70.62672397	Varney-2018	104.803276
605271.96	5601510.85	154.1483637	54187.5	53945.08	53757.58	54036.62685	-279.0468549	-72.87685487	Varney-2018	102.5531451
605271.67	5601510.59	154.212751	54187.49	53944.46	53756.97	54036.6235	-279.6535009	-73.48350086	Varney-2018	101.9464991
605272.13	5601509.96	153.9803811	54187.48	53940.89	53753.41	54036.62807	-283.2180654	-77.04806544	Varney-2018	98.38193456
605272.22	5601508.95	153.8243954	54187.47	53940.6	53753.13	54036.62831	-283.4983087	-77.32830869	Varney-2018	98.10169131
605272.81	5601508.68	153.5950122	54187.45	53938.06	53750.61	54036.63452	-286.0245152	-79.85451522	Varney-2018	95.57548478
605272.85	5601508.11	153.5111058	54187.45	53935.27	53747.82	54036.63452	-288.8145209	-82.64452089	Varney-2018	92.78547911
605273.6	5601507.24	153.1559017	54187.45	53935.36	53747.91	54036.64197	-288.7319703	-82.56197034	Varney-2018	92.86802966
605272.92	5601507.26	153.3826766	54187.46	53933.9	53746.44	54036.63464	-290.1946383	-84.02463832	Varney-2018	91.40536168
605273.29	5601506.37	153.1508311	54187.48	53928.19	53740.71	54036.63795	-295.9279539	-89.75795388	Varney-2018	85.67204612
605273.26	5601505.05	152.9978054	54187.49	53921.93	53734.44	54036.63662	-302.1966199	-96.02661992	Varney-2018	79.40338008
605273.86	5601504.38	152.719424	54187.5	53918.38	53730.88	54036.64253	-305.7625311	-99.5925311	Varney-2018	75.8374689
605273.66	5601504.34	152.7797432	54187.5	53918.63	53731.13	54036.64036	-305.5103585	-99.34035852	Varney-2018	76.08964148
605275.02	5601501.48	151.9897678	54187.49	53913.76	53726.27	54036.65256	-310.3825565	-104.2125565	Varney-2018	71.21744345
605275.72	5601501.09	151.7171651	54187.49	53916.41	53728.92	54036.65965	-307.7396508	-101.5696508	Varney-2018	73.86034917
605276	5601501.1	151.6282201	54187.48	53918.28	53730.8	54036.66263	-305.862626	-99.69262595	Varney-2018	75.73737405
605276.26	5601501.57	151.6006966	54187.46	53925.02	53737.56	54036.66579	-299.1057887	-92.93578866	Varney-2018	82.49421134
605277.67	5601500.64	151.0364001	54187.43	53930.22	53742.79	54036.6799	-293.8898983	-87.71989832	Varney-2018	87.71010168
605276.97	5601499.71	151.1510295	54187.43	53928.96	53741.53	54036.67166	-295.1416629	-88.97166293	Varney-2018	86.45833707
605278.99	5601500.36	150.5797115	54187.43	53929.77	53742.34	54036.69359	-294.353594	-88.183594	Varney-2018	87.246406
605280.53	5601498.74	149.9006033	54187.41	53927.72	53740.31	54036.70823	-296.3982293	-90.22822932	Varney-2018	85.20177068
605282.11	5601494.47	148.7894306	54187.39	53929.18	53741.79	54036.7237	-294.933705	-88.76370497	Varney-2018	86.66629503
605281.58	5601493.33	148.7248355	54187.39	53920.37	53732.98	54036.71973	-303.7397254	-97.56972542	Varney-2018	77.86027458
605281.97	5601493.45	148.6270286	54187.38	53911.75	53724.37	54036.72361	-312.3536059	-106.1836059	Varney-2018	69.24639413
605282.76	5601492.86	148.2606814	54187.39	53903.22	53715.83	54036.73256	-320.9025642	-114.7325642	Varney-2018	60.69743579
605279.7	5601492.1	149.0620738	54187.4	53890.72	53703.32	54036.70195	-333.3819493	-127.2119493	Varney-2018	48.21805071
605276.49	5601490.52	149.7363286	54187.41	53889.54	53702.13	54036.67109	-334.541087	-128.371087	Varney-2018	47.05891295
605275.92	5601488.25	149.4421932	54187.42	53887.59	53700.17	54036.66855	-336.4985506	-130.3285506	Varney-2018	45.10144941
605276.05	5601487.42	149.2298835	54187.43	53880.25	53692.82	54036.6711	-343.8510975	-137.6810975	Varney-2018	37.74890252
605276.69	5601485.44	148.6231584	54187.44	53871.7	53684.26	54036.68051	-352.4205103	-146.2505103	Varney-2018	29.1794897

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605275.71	5601484.75	148.7798821	54187.42	53862.13	53674.71	54036.67155	-361.9615527	-155.7915527	Varney-2018	19.63844727
605274.45	5601484.26	149.0626006	54187.4	53855.59	53668.19	54036.65949	-368.4694854	-162.2994854	Varney-2018	13.13051461
605278.05	5601482.58	147.6183746	54187.37	53848.55	53661.18	54036.69841	-375.5184076	-169.3484076	Varney-2018	6.081592426
605279.18	5601482.5	147.2587987	54187.33	53844.07	53656.74	54036.70994	-379.9699446	-173.7999446	Varney-2018	1.630055444
605279.01	5601481.45	147.0952868	54187.29	53841.79	53654.5	54036.70969	-382.2096921	-176.0396921	Varney-2018	-0.609692086
605279.67	5601480.98	146.7994546	54187.25	53841.2	53653.95	54036.717	-382.7669974	-176.5969974	Varney-2018	-1.166997398
605279.85	5601480.84	146.7164537	54187.25	53836.68	53649.43	54036.719	-387.2890036	-181.1190036	Varney-2018	-5.689003551
605279.95	5601481.02	146.7229662	54187.24	53835.97	53648.73	54036.71976	-387.9897632	-181.8197632	Varney-2018	-6.389763221
605279.82	5601481.1	146.7786078	54187.24	53834.19	53646.95	54036.71834	-389.7683432	-183.5983432	Varney-2018	-8.168343228
605281.1	5601480.68	146.3062061	54187.24	53828.54	53641.3	54036.73181	-395.4318081	-189.2618081	Varney-2018	-13.83180814
605281.8	5601480.39	146.0360446	54187.28	53827.49	53640.21	54036.73924	-396.5292416	-190.3592416	Varney-2018	-14.92924164
605281.8	5601480.02	145.9611318	54187.32	53825.59	53638.27	54036.73973	-398.4697345	-192.2997345	Varney-2018	-16.86973451
605282.51	5601479.76	145.6945903	54187.32	53821.79	53634.47	54036.74721	-402.2772137	-196.1072137	Varney-2018	-20.67721369
605282.43	5601479.58	145.682346	54187.32	53815.55	53628.23	54036.74665	-408.5166472	-202.3466472	Varney-2018	-26.91664715
605284.01	5601478.13	144.9157922	54187.32	53808.85	53621.53	54036.76437	-415.2343715	-209.0643715	Varney-2018	-33.63437146
605284.7	5601479.23	144.9288395	54187.33	53805.17	53617.84	54036.76989	-418.9298856	-212.7598856	Varney-2018	-37.32988561
605284.42	5601478.36	144.8388968	54187.31	53828.62	53641.31	54036.76818	-395.4581825	-189.2881825	Varney-2018	-13.85818253
605283.73	5601477.13	144.7989585	54187.28	53867.93	53680.65	54036.76286	-356.1128567	-149.9428567	Varney-2018	25.48714333
605283.74	5601475	144.3682985	54187.26	53886.27	53699.01	54036.7657	-337.7556988	-131.5856988	Varney-2018	43.84430124
605282.33	5601471.65	144.11054	54187.24	53906.49	53719.25	54036.75611	-317.5061096	-111.3361096	Varney-2018	64.09389042
605281.93	5601473.05	144.511529	54187.24	53905.43	53718.19	54036.75031	-318.560305	-112.390305	Varney-2018	63.03969497
605283.45	5601471.03	143.6563571	54187.25	53904.8	53717.55	54036.76795	-319.2179547	-113.0479547	Varney-2018	62.38204532
605283.36	5601467.69	143.0110697	54187.26	53911.78	53724.52	54036.7714	-312.2513978	-106.0813978	Varney-2018	69.34860221
605283.13	5601469.43	143.4282383	54187.27	53921.75	53734.48	54036.76689	-302.2868865	-96.11688651	Varney-2018	79.31311349
605283.61	5601469.08	143.217617	54187.3	53930.04	53742.74	54036.77205	-294.0320462	-87.86204624	Varney-2018	87.56795376
605284.08	5601468.15	142.8939204	54187.34	53939.08	53751.74	54036.77784	-285.0378425	-78.86784247	Varney-2018	96.56215753
605284.25	5601467.27	142.6681162	54187.34	53935.37	53748.03	54036.78063	-288.7506275	-82.58062751	Varney-2018	92.84937249
605285.65	5601466.79	142.1659282	54187.35	53940.66	53753.31	54036.79489	-283.4848867	-77.3148867	Varney-2018	98.1151133
605287.53	5601466.81	141.624646	54187.33	53947.04	53759.71	54036.81319	-277.1031885	-70.93318849	Varney-2018	104.4968115
605288.68	5601466.41	141.2125068	54187.3	53947.79	53760.49	54036.82487	-276.3348684	-70.16486844	Varney-2018	105.2651316
605290.1	5601465.38	140.6000254	54187.27	53948.61	53761.34	54036.83987	-275.4998731	-69.32987313	Varney-2018	106.1001269
605292.23	5601463.94	139.7063701	54187.23	53960.26	53773.03	54036.86214	-263.8321393	-57.66213927	Varney-2018	117.7678607
605294.07	5601464.24	139.2348345	54187.2	53969.77	53782.57	54036.87964	-254.3096396	-48.13963958	Varney-2018	127.2903604
605295.03	5601465.09	139.1208837	54187.17	53975.72	53788.55	54036.88807	-248.3380677	-42.16806767	Varney-2018	133.2619323
605296.05	5601463.44	138.5128957	54187.19	53979.97	53792.78	54036.89963	-244.1196273	-37.94962726	Varney-2018	137.4803727
605295.61	5601462.46	138.4525467	54187.21	53978.4	53791.19	54036.89637	-245.7063661	-39.53636611	Varney-2018	135.8936339
605295.31	5601459.96	138.0615555	54187.23	53977.08	53789.85	54036.89602	-247.0460245	-40.87602449	Varney-2018	134.5539755
605295.96	5601458.94	137.6829077	54187.26	53981.42	53794.16	54036.90328	-242.7432847	-36.57328467	Varney-2018	138.8567153
605296.29	5601458.1	137.4299351	54187.3	53986.16	53798.86	54036.90728	-238.0472806	-31.87728061	Varney-2018	143.5527194
605297.23	5601457.67	137.0830994	54187.34	53991.44	53804.1	54036.91668	-232.8166756	-26.64667561	Varney-2018	148.7833244
605298.05	5601457.74	136.8649584	54187.34	53985.74	53798.4	54036.92443	-238.5244296	-32.35442962	Varney-2018	143.0755704
605299.49	5601456.13	136.157372	54187.33	53982.87	53795.54	54036.93966	-241.3996556	-35.22965563	Varney-2018	140.2003444
605300.79	5601456.47	135.8556088	54187.32	53978.84	53791.52	54036.9517	-245.4317045	-39.26170451	Varney-2018	136.1682955
605301.03	5601454.94	135.5039005	54187.3	53989.22	53801.92	54036.95535	-235.0353479	-28.86534788	Varney-2018	146.5646521
605301.26	5601455.28	135.5026602	54187.27	53990.12	53802.85	54036.95723	-234.1072265	-27.93722652	Varney-2018	147.4927735
605301.49	5601454.25	135.247304	54187.24	53989.02	53801.78	54036.96031	-235.1803128	-29.01031284	Varney-2018	146.4196872
605301.75	5601453.08	134.9580888	54187.22	53997.61	53810.39	54036.96379	-226.5737935	-20.40379353	Varney-2018	155.0262065
605302.25	5601451.57	134.5400876	54187.2	54001.03	53813.83	54036.96981	-223.1398104	-16.96981036	Varney-2018	158.4601896
605302.67	5601451.42	134.4272003	54187.19	54002.69	53815.5	54036.97306	-221.4730618	-15.30306179	Varney-2018	160.1269382
605304.07	5601450.71	134.1646779	54187.18	53992.56	53805.38	54036.98003	-231.600033	-25.43003298	Varney-2018	149.999967
605304.75	5601448.71	133.7329818	54187.18	53990.6	53803.42	54036.9848	-233.5648032	-27.39480317	Varney-2018	148.0351968
605305.87	5601448.08	133.5126834	54187.19	53985.15	53797.96	54036.9904	-239.0304024	-32.86040241	Varney-2018	142.5695976
605306.88	5601445.36	132.9198666	54187.2	53990.68	53803.48	54036.99722	-233.5172163	-27.34721627	Varney-2018	148.0827837
605307.34	5601445.19	132.8461676	54187.22	53991.94	53804.72	54036.99943	-232.2794293	-26.10942927	Varney-2018	149.3205707
605308.23	5601444.21	132.5845776	54187.22	53976.02	53788.8	54037.00424	-248.2042379	-42.03423793	Varney-2018	133.3957621
605309.01	5601444.24	132.5181439	54187.23	53963.47	53776.24	54037.00772	-260.7677231	-54.59772309	Varney-2018	120.8322769
605309.65	5601443.61	132.3441126	54187.22	53945.15	53757.93	54037.01111	-279.0811093	-72.91110932	Varney-2018	102.5188907
605310.76	5601443.83	132.2820503	54187.21	53938.16	53750.95	54037.01592	-286.0659236	-79.89592355	Varney-2018	95.53407645
605311.88	5601444.19	132.2444084	54187.2	53930.33	53743.13	54037.02068	-293.890676	-87.72067597	Varney-2018	87.70932403
605313.68	5601442.57	131.7844714	54187.18	53920.76	53733.58	54037.03003	-303.4500299	-97.28002992	Varney-2018	78.14997008
605315.19	5601442.44	131.622384	54187.18	53904.73	53717.55	54037.03691	-319.4869053	-113.3169053	Varney-2018	62.11309472
605316.09	5601441.67	131.4006065	54187.18	53886.58	53699.4	54037.04153	-337.6415265	-131.4715265	Varney-2018	43.95847348
605317.46	5601441.08	131.1687746	54187.2	53865.12	53677.92	54037.04811	-359.1281066	-152.9581066	Varney-2018	22.47189339
605317.86	5601440.46	131.0204255	54187.23	53847.51	53660.28	54037.05036	-376.7703591	-170.6003591	Varney-2018	4.829640877

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605319.14	5601440.27	130.8695155	54187.21	53832.66	53645.45	54037.05622	-391.6062233	-185.4362233	Varney-2018	-10.00622334
605319.08	5601439.63	130.7597793	54187.19	53818.96	53631.77	54037.05643	-405.2864262	-199.1164262	Varney-2018	-23.6864262
605320.64	5601440.12	130.7058839	54187.18	53804.26	53617.08	54037.06304	-419.9830383	-213.8130383	Varney-2018	-38.38303834
605320.54	5601438.59	130.4401902	54187.16	53792.26	53605.1	54037.0637	-431.9637015	-225.7937015	Varney-2018	-50.36370151
605321.75	5601438.47	130.3089622	54187.16	53780.98	53593.82	54037.06918	-443.2491826	-237.0791826	Varney-2018	-61.6491826
605323.17	5601437.66	130.0353478	54187.17	53773.91	53586.74	54037.07609	-450.3360851	-244.1660851	Varney-2018	-68.73608515
605324.4	5601438.57	130.086621	54187.18	53768.89	53581.71	54037.08093	-455.3709262	-249.2009262	Varney-2018	-73.77092619
605325.48	5601438.19	129.9209584	54187.19	53770.75	53583.56	54037.086	-453.5260037	-247.3560037	Varney-2018	-71.92600366
605327.1	5601438.13	129.7635745	54187.21	53776.21	53589	54037.09326	-448.0932628	-241.9232628	Varney-2018	-66.49326283
605326.56	5601438.58	129.8925587	54187.24	53766.44	53579.2	54037.09055	-457.8905499	-251.7205499	Varney-2018	-76.29054992
605327.46	5601436.67	129.4714923	54187.24	53751.64	53564.4	54037.09585	-472.6958533	-266.5258533	Varney-2018	-91.09585331
605327.81	5601435.9	129.3031609	54187.24	53729.39	53542.15	54037.09793	-494.9479274	-288.7779274	Varney-2018	-113.3479274
605329.52	5601434.73	128.9420712	54187.23	53709.3	53522.07	54037.10629	-515.0362918	-308.8662918	Varney-2018	-133.4362918
605329.28	5601433.28	128.7065905	54187.21	53691.22	53504.01	54037.10619	-533.0961891	-326.9261891	Varney-2018	-151.4961891
605327.82	5601433.54	128.883051	54187.19	53678.11	53490.92	54037.09956	-546.1795603	-340.0095603	Varney-2018	-164.5795603
605329.07	5601431.77	128.457618	54187.16	53667.53	53480.37	54037.10626	-556.7362636	-350.5662636	Varney-2018	-175.1362636
605330.76	5601431.2	128.2067174	54187.16	53666.66	53479.5	54037.11409	-557.6140874	-351.4440874	Varney-2018	-176.0140874
605330.63	5601430.61	128.1138917	54187.16	53648.79	53461.63	54037.1139	-575.4838998	-369.3138998	Varney-2018	-193.8838998
605330.3	5601429.14	127.8829704	54187.17	53630.01	53442.84	54037.11341	-594.2734106	-388.1034106	Varney-2018	-212.6734106
605331.31	5601429.65	127.8840924	54187.18	53620.97	53433.79	54037.11751	-603.3275147	-397.1575147	Varney-2018	-221.7275147
605331.94	5601427.97	127.5319581	54187.2	53607.31	53420.11	54037.12136	-617.011364	-410.841364	Varney-2018	-235.411364
605332.62	5601428.02	127.4810789	54187.23	53597.29	53410.06	54037.12431	-627.0643119	-420.8943119	Varney-2018	-245.4643119
605333.31	5601427.83	127.3870295	54187.22	53587.52	53400.3	54037.12746	-636.8274563	-430.6574563	Varney-2018	-255.2274563
605335.5	5601425.71	126.8227026	54187.21	53576.28	53389.07	54037.13836	-648.0683606	-441.8983606	Varney-2018	-266.4683606
605336.42	5601424.77	126.5777256	54187.2	53573.74	53386.54	54037.14295	-650.6029516	-444.4329516	Varney-2018	-269.0029516
605337.99	5601424.47	126.3888035	54187.18	53552.88	53365.7	54037.14998	-671.4499754	-465.2799754	Varney-2018	-289.8499754
605338.45	5601424.02	126.2702241	54187.18	53562.06	53374.88	54037.15225	-662.272248	-456.102248	Varney-2018	-280.672248
605338.37	5601422.53	126.0167611	54187.17	53551.55	53364.38	54037.15279	-672.7727893	-466.6027893	Varney-2018	-291.1727893
605339.67	5601421.99	125.8103762	54187.17	53550.97	53363.8	54037.15875	-673.3587525	-467.1887525	Varney-2018	-291.7587525
605340.36	5601421.22	125.616771	54187.18	53542.12	53354.94	54037.1622	-682.2221951	-476.0521951	Varney-2018	-300.6221951
605339.91	5601421.19	125.6502197	54187.18	53549.98	53362.8	54037.16026	-674.3602626	-468.1902626	Varney-2018	-292.7602626
605340.46	5601419.61	125.3223793	54187.18	53548.88	53361.7	54037.16371	-675.463707	-469.293707	Varney-2018	-293.863707
605341.89	5601419.08	125.1005687	54187.21	53562.91	53375.7	54037.17039	-661.4703868	-455.3003868	Varney-2018	-279.8703868
605344.91	5601416.15	124.2939938	54187.24	53556.79	53369.55	54037.18615	-667.6361502	-461.4661502	Varney-2018	-286.0361502
605346.87	5601415.71	124.0451498	54187.26	53575.95	53388.69	54037.195	-648.5049989	-442.3349989	Varney-2018	-266.9049989
605348.14	5601414.18	123.6516736	54187.29	53572.22	53384.93	54037.20186	-652.2718649	-446.1018649	Varney-2018	-270.6718649
605349.31	5601412.22	123.1870727	54187.3	53575.14	53387.84	54037.20868	-649.3686756	-443.1986756	Varney-2018	-267.7686756
605349.98	5601411.92	123.0746207	54187.32	53574.39	53387.07	54037.21182	-650.1418228	-443.9718228	Varney-2018	-268.5418228
605350.72	5601411.72	122.9749577	54187.33	53576.95	53389.62	54037.21518	-647.5951783	-441.4251783	Varney-2018	-265.9951783
605350.33	5601410.9	122.8550558	54187.35	53578.03	53390.68	54037.21425	-646.5342462	-440.3642462	Varney-2018	-264.9342462
605351.44	5601409.69	122.5363849	54187.33	53583.48	53396.15	54037.22009	-641.0700917	-434.9000917	Varney-2018	-259.4700917
605351.68	5601409.05	122.3971209	54187.31	53592.43	53405.12	54037.22169	-632.1016939	-425.9316939	Varney-2018	-250.5016939
605352.31	5601408.7	122.279172	54187.29	53593.69	53406.4	54037.2247	-630.8247028	-424.6547028	Varney-2018	-249.2247028
605352.4	5601407.17	121.9870612	54187.27	53597	53409.73	54037.22646	-627.4964569	-421.3264569	Varney-2018	-245.8964569
605351.89	5601405.74	121.7636071	54187.23	53588.96	53401.73	54037.22556	-635.4955615	-429.3255615	Varney-2018	-253.8955615
605353.48	5601405.25	121.5400148	54187.18	53595.84	53408.66	54037.23278	-628.5727786	-422.4027786	Varney-2018	-246.9727786
605356.25	5601404.78	121.2221975	54187.17	53598.01	53410.84	54037.245	-626.404999	-420.234999	Varney-2018	-244.804999
605357.58	5601403.95	120.9578426	54187.15	53603.37	53416.22	54037.25139	-621.0313903	-414.8613903	Varney-2018	-239.4313903
605358.34	5601402.24	120.5782733	54187.15	53607.8	53420.65	54037.25611	-616.6061131	-410.4361131	Varney-2018	-235.0061131
605359.08	5601401.97	120.4670675	54187.15	53612.28	53425.13	54037.25949	-612.1294921	-405.9594921	Varney-2018	-230.5294921
605361.08	5601401.01	120.1243176	54187.15	53617.75	53430.6	54037.26881	-606.6688137	-400.4988137	Varney-2018	-225.0688137
605361.7	5601399.99	119.8848953	54187.16	53608.9	53421.74	54037.27232	-615.5323182	-409.3623182	Varney-2018	-233.9323182
605364.09	5601398.8	119.4687273	54187.17	53607.21	53420.04	54037.28346	-617.2434592	-411.0734592	Varney-2018	-235.6434592
605365.09	5601397.94	119.2282498	54187.18	53606.79	53419.61	54037.28842	-617.6784183	-411.5084183	Varney-2018	-236.0784183
605365.16	5601396.7	118.9943838	54187.18	53608.52	53421.34	54037.28976	-615.9497575	-409.7797575	Varney-2018	-234.3497575
605364.95	5601394.22	118.5552701	54187.19	53617.95	53430.76	54037.29096	-606.5309581	-400.3609581	Varney-2018	-224.9309581
605365.32	5601393.66	118.4220972	54187.2	53644.98	53457.78	54037.29299	-579.5129887	-373.3429887	Varney-2018	-197.9129887
605366.59	5601392.35	118.0779685	54187.22	53669.08	53481.86	54037.29943	-555.4394342	-349.2694342	Varney-2018	-173.8394342
605366.37	5601386.38	116.9987108	54187.24	53703.8	53516.56	54037.3035	-520.7434994	-314.5734994	Varney-2018	-139.1434994
605368.76	5601381.43	115.8990246	54187.27	53730.12	53542.85	54037.31759	-494.4675855	-288.2975855	Varney-2018	-112.8675855
605370.38	5601376.65	114.8948377	54187.26	53744.97	53557.71	54037.32824	-479.6182437	-273.4482437	Varney-2018	-98.01824373
605370.08	5601375.37	114.6839836	54187.25	53755.72	53568.47	54037.32805	-468.8580511	-262.6880511	Varney-2018	-87.25805114
605368.51	5601374.89	114.719241	54187.25	53763.61	53576.36	54037.32195	-460.9619533	-254.7919533	Varney-2018	-79.36195331
605369.32	5601374.3	114.5475361	54187.24	53760.42	53573.18	54037.32579	-464.1457884	-257.9757884	Varney-2018	-82.54578838

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605370.92	5601371.1	113.8363809	54187.22	53753.41	53566.19	54037.33501	-471.1450139	-264.9750139	Varney-2018	-89.54501386
605368.58	5601373.37	114.4349457	54187.19	53737.86	53550.67	54037.3235	-486.6534993	-280.4834993	Varney-2018	-105.0534993
605367.61	5601372.04	114.266663	54187.15	53728.64	53541.49	54037.3206	-495.8305997	-289.6605997	Varney-2018	-114.2305997
605367.92	5601371.79	114.1965979	54187.11	53724.85	53537.74	54037.32209	-499.5820851	-293.4120851	Varney-2018	-117.9820851
605367.94	5601373.26	114.4648196	54187.08	53705.51	53518.43	54037.32095	-518.8909484	-312.7209484	Varney-2018	-137.2909484
605368.29	5601371.51	114.1163775	54187.04	53701.73	53514.69	54037.32384	-522.6338419	-316.4638419	Varney-2018	-141.0338419
605367.84	5601370.23	113.9165125	54187.03	53691.66	53504.63	54037.32305	-532.6930498	-326.5230498	Varney-2018	-151.0930498
605367.72	5601368.68	113.6413221	54187.02	53684.58	53497.56	54037.32384	-539.7638429	-333.5938429	Varney-2018	-158.1638429
605368.59	5601368.78	113.5922594	54187	53681.69	53494.69	54037.32733	-542.6373348	-336.4673348	Varney-2018	-161.0373348
605369.25	5601366.94	113.2038116	54186.98	53678.75	53491.77	54037.33156	-545.5615626	-339.3915626	Varney-2018	-163.9615626
605369.4	5601366.88	113.1812339	54186.96	53691.83	53504.87	54037.33223	-532.4622272	-326.2922272	Varney-2018	-150.8622272
605370.06	5601365.83	112.9379403	54186.93	53693.58	53506.65	54037.3358	-530.6857953	-324.5157953	Varney-2018	-149.0857953
605370.53	5601365.63	112.8651161	54186.93	53693.98	53507.05	54037.33788	-530.2878845	-324.1178845	Varney-2018	-148.6878845
605371.59	5601365.77	112.809116	54186.94	53702.61	53515.67	54037.34211	-521.672112	-315.502112	Varney-2018	-140.072112
605372.99	5601363.63	112.3102678	54186.96	53705.1	53518.14	54037.34958	-519.2095763	-313.0395763	Varney-2018	-137.6095763
605373.77	5601362.48	112.0404719	54186.98	53721.9	53534.92	54037.35369	-502.4336899	-296.2636899	Varney-2018	-120.8336899
605373.47	5601361.53	111.8899053	54187	53728.93	53541.93	54037.35323	-495.4232309	-289.2532309	Varney-2018	-113.8232309
605373.44	5601360.14	111.6383098	54187.03	53743.25	53556.22	54037.35423	-481.1342292	-274.9642292	Varney-2018	-99.53422916
605374.75	5601359.53	111.4273001	54187.05	53750.23	53563.18	54037.36005	-474.1800528	-268.0100528	Varney-2018	-92.58005277
605376.65	5601359.56	111.2883176	54187.07	53750.49	53563.42	54037.36776	-473.9477622	-267.7777622	Varney-2018	-92.34776218
605377.84	5601358.58	111.0195285	54187.05	53750.56	53563.51	54037.37338	-473.8633776	-267.6933776	Varney-2018	-92.26337764
605378.36	5601358.04	110.8818639	54187.02	53750.45	53563.43	54037.37592	-473.9459162	-267.7759162	Varney-2018	-92.34591617
605379.31	5601357.12	110.5053035	54187.01	53755.22	53568.21	54037.38414	-469.1741408	-263.0041408	Varney-2018	-87.57414079
605379.7	5601356.98	110.39153	54187	53761.49	53574.49	54037.38739	-462.8973945	-256.7273945	Varney-2018	-81.29739455
605380.78	5601356.62	110.0816807	54186.98	53770.22	53583.24	54037.39638	-454.1563785	-247.9863785	Varney-2018	-72.55637846
605381.74	5601356.07	109.7649363	54186.95	53769.19	53582.24	54037.40453	-455.1645314	-248.9945314	Varney-2018	-73.56453136
605381.95	5601356.07	109.717427	54186.95	53774.21	53587.26	54037.40622	-450.146223	-243.976223	Varney-2018	-68.54622303
605380.51	5601355.83	109.9997376	54186.95	53775.75	53588.8	54037.39481	-448.5948067	-242.4248067	Varney-2018	-66.99480669
605380	5601354.63	109.8975201	54186.98	53780.79	53593.81	54037.39162	-443.5816237	-237.4116237	Varney-2018	-61.98162371
605379.48	5601353.43	109.7971196	54187.01	53777.66	53590.65	54037.38837	-446.738372	-240.568372	Varney-2018	-65.13837199
605378.95	5601352.24	109.7003402	54187.01	53778.13	53591.12	54037.38504	-446.2650441	-240.0950441	Varney-2018	-64.66504406
605380.16	5601349.77	108.9805895	54187	53770.68	53583.68	54037.39665	-453.7166461	-247.5466461	Varney-2018	-72.11664611
605382.14	5601348.68	108.3403061	54187	53764.33	53577.33	54037.4133	-460.0832957	-253.9132957	Varney-2018	-78.48329574
605382.79	5601347.45	107.9731936	54187	53773.67	53586.67	54037.4194	-450.7494014	-244.5794014	Varney-2018	-69.14940137
605384.78	5601345.92	107.2543181	54186.97	53765.27	53578.3	54037.43638	-459.1363792	-252.9663792	Varney-2018	-77.53637917
605385.68	5601345.6	106.9965927	54186.93	53766.7	53579.77	54037.44377	-457.6737722	-251.5037722	Varney-2018	-76.07377217
605386.98	5601343.52	106.3499033	54186.92	53771.08	53584.16	54037.4552	-453.2951961	-247.1251961	Varney-2018	-71.69519609
605387.86	5601341.64	105.8670511	54186.9	53767.62	53580.72	54037.46222	-456.7422187	-250.5722187	Varney-2018	-75.14221873
605388.67	5601340.46	105.5088178	54186.9	53778.67	53591.77	54037.46862	-445.6986192	-239.5286192	Varney-2018	-64.09861924
605389.73	5601338.86	105.0337804	54186.9	53782.47	53595.57	54037.47694	-441.9069353	-235.7369353	Varney-2018	-60.30693529
605391.47	5601337.87	104.5057243	54186.9	53791.32	53604.42	54037.49052	-433.0705185	-226.9005185	Varney-2018	-51.47051854
605392.66	5601337.57	104.2024624	54186.91	53788.46	53601.55	54037.4998	-435.9497959	-229.7797959	Varney-2018	-54.34979592
605394.28	5601337.1	103.7813754	54186.92	53790.31	53603.39	54037.5124	-434.1223955	-227.9523955	Varney-2018	-52.52239548
605396	5601337.15	103.4162119	54186.94	53792.25	53605.31	54037.52582	-432.2158174	-226.0458174	Varney-2018	-50.61581739
605397.03	5601336.47	103.0937726	54186.95	53798.56	53611.61	54037.53374	-425.9237399	-219.7537399	Varney-2018	-44.32373989
605397.5	5601335.38	102.8333885	54186.96	53798.62	53611.66	54037.53721	-425.8772098	-219.7072098	Varney-2018	-44.27720979
605397.95	5601334.09	102.5490104	54186.95	53797.84	53610.89	54037.54047	-426.6504672	-220.4804672	Varney-2018	-45.05046723
605398.52	5601332.97	102.2645735	54186.94	53799.35	53612.41	54037.54466	-425.1346594	-218.9646594	Varney-2018	-43.53465941
605399.36	5601332.38	102.0002052	54186.93	53803.77	53616.84	54037.55101	-420.7110147	-214.5410147	Varney-2018	-39.11101467
605400.68	5601331.83	101.640342	54186.91	53808.21	53621.3	54037.56105	-416.2610507	-210.0910507	Varney-2018	-34.66105071
605400.78	5601331.16	101.5231609	54186.88	53814.12	53627.24	54037.56166	-410.3216583	-204.1516583	Varney-2018	-28.72165827
605402.82	5601330.56	101.0057325	54186.85	53813.08	53626.23	54037.57715	-411.3471511	-205.1771511	Varney-2018	-29.74715109
605404.18	5601330.46	100.7039962	54186.84	53821.29	53634.45	54037.58755	-403.137545	-196.967545	Varney-2018	-21.53754502
605405.39	5601329.65	100.335043	54186.83	53825.35	53638.52	54037.59655	-399.076546	-192.906546	Varney-2018	-17.47654599
605406.31	5601328.33	99.95771425	54186.82	53827.31	53640.49	54037.60311	-397.1131134	-190.9431134	Varney-2018	-15.51311337
605408.09	5601328.12	99.55536878	54186.81	53831.9	53645.09	54037.61659	-392.5265946	-186.3565946	Varney-2018	-10.92659458
605409.73	5601327.68	99.15158428	54186.82	53834.13	53647.31	54037.6289	-390.3188973	-184.1488973	Varney-2018	-8.718897343
605410.96	5601327.56	98.87789525	54186.84	53835.94	53649.1	54037.6382	-388.5381994	-182.3681994	Varney-2018	-6.938199423
605412.76	5601327.22	98.45576668	54186.84	53841.29	53654.45	54037.65172	-383.2017214	-177.0317214	Varney-2018	-1.601721392
605413.7	5601326.09	98.1088171	54186.84	53844.33	53657.49	54037.65829	-380.1682914	-173.9982914	Varney-2018	1.431708592
605413.6	5601325.68	98.07497557	54186.85	53844.9	53658.05	54037.65733	-379.6073276	-173.4373276	Varney-2018	1.992672425
605414.08	5601325.69	97.97657703	54186.87	53843.32	53656.45	54037.66096	-381.2109642	-175.0409642	Varney-2018	0.389035806
605414.51	5601325.4	97.84878307	54186.86	53846.85	53659.99	54037.66407	-377.6740661	-171.5040661	Varney-2018	3.925933928
605415.8	5601325.1	97.54156465	54186.85	53852.94	53666.09	54037.67365	-371.5836537	-165.4136537	Varney-2018	10.01634626

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605415.67	5601324.31	97.46447654	54186.83	53851.52	53664.69	54037.67224	-372.9822405	-166.8122405	Varney-2018	8.617759469
605417.04	5601323.36	97.05717731	54186.81	53857.48	53670.67	54037.68202	-367.0120218	-160.8420218	Varney-2018	14.58797821
605417.3	5601322.78	96.92796897	54186.8	53864.87	53678.07	54037.68364	-359.6136406	-153.4436406	Varney-2018	21.98635944
605418.72	5601322.55	96.60636797	54186.78	53874.55	53687.77	54037.69416	-349.9241595	-143.7541595	Varney-2018	31.67584046
605419.39	5601322.87	96.51000651	54186.76	53891.5	53704.74	54037.69938	-332.9593846	-126.7893846	Varney-2018	48.64061539
605420.34	5601323.15	96.35055377	54186.74	53921.78	53735.04	54037.7067	-302.6666969	-96.4966969	Varney-2018	78.9333031
605421.05	5601322.88	96.16998763	54186.74	53930.14	53743.4	54037.71185	-294.3118546	-88.14185461	Varney-2018	87.28814539
605421.59	5601323.21	96.10091287	54186.73	53943.48	53756.75	54037.71613	-280.9661292	-74.7961292	Varney-2018	100.6338708
605421.03	5601323.38	96.23788067	54186.73	53946.19	53759.46	54037.71203	-278.2520322	-72.08203221	Varney-2018	103.3479678
605421.17	5601323.72	96.25237605	54186.72	53946.57	53759.85	54037.71331	-277.8633087	-71.69330867	Varney-2018	103.7366913
605421.8	5601323.52	96.09704208	54186.7	53946.89	53760.19	54037.71792	-277.5279155	-71.35791547	Varney-2018	104.0720845
605421.88	5601323.68	96.10085906	54186.68	53947.77	53761.09	54037.71862	-276.6286248	-70.45862485	Varney-2018	104.9713752
605421.8	5601324.34	96.20115582	54186.67	53947.17	53760.5	54037.71847	-277.2184659	-71.04846593	Varney-2018	104.3815341
605421.68	5601325.08	96.31998852	54186.65	53945.38	53758.73	54037.71806	-278.9880563	-72.81805629	Varney-2018	102.6119437
605422.19	5601325.25	96.23579719	54186.64	53958.01	53771.37	54037.72202	-266.352024	-60.18202396	Varney-2018	115.247976
605422.05	5601325.35	96.27751554	54186.62	53951.89	53765.27	54037.72103	-272.4510336	-66.28103365	Varney-2018	109.1489664
605422.08	5601325.3	96.26495259	54186.62	53955.81	53769.19	54037.72123	-268.5312266	-62.36122656	Varney-2018	113.0687734
605422.1	5601325.68	96.30896304	54186.61	53951.36	53764.75	54037.72164	-272.9716351	-66.80163514	Varney-2018	108.6283649
605422.12	5601325.71	96.30860935	54186.62	53953.55	53766.93	54037.72181	-270.7918068	-64.62180679	Varney-2018	110.8081932
605422	5601325.79	96.34368916	54186.63	53953.09	53766.46	54037.72095	-271.2609529	-65.09095287	Varney-2018	110.3390471
605421.53	5601326.02	96.47062967	54186.64	53950.13	53763.49	54037.71755	-274.2275491	-68.05754911	Varney-2018	107.3724509
605421.58	5601325.96	96.45259999	54186.65	53946.21	53759.56	54037.71789	-278.1578877	-71.98788773	Varney-2018	103.4421123
605422.23	5601326.21	96.34907069	54186.62	53949.62	53763	54037.72298	-274.7229791	-68.55297912	Varney-2018	106.8770209
605422.66	5601325.89	96.21913796	54186.59	53952.8	53766.21	54037.72602	-271.5160165	-65.34601654	Varney-2018	110.0839835
605421.68	5601325.34	96.35302426	54186.57	53949.8	53763.23	54037.71823	-274.4882302	-68.31823019	Varney-2018	107.1117698
605422.35	5601323.87	96.02797724	54186.55	53935.02	53748.47	54037.72229	-289.2522911	-83.08229113	Varney-2018	92.34770887
605422.55	5601321.99	95.74909086	54186.53	53928.38	53741.85	54037.72251	-295.8725059	-89.70250595	Varney-2018	85.72749405
605423.38	5601320.47	95.38786789	54186.5	53914.76	53728.26	54037.72765	-309.4676532	-103.2976532	Varney-2018	72.1323468
605423.62	5601318.86	95.13680981	54186.48	53916.64	53730.16	54037.7283	-307.5683026	-101.3983026	Varney-2018	74.0316974
605424.78	5601317.73	94.76102571	54186.46	53918.15	53731.69	54037.73609	-306.0460893	-99.87608933	Varney-2018	75.55391067
605425.79	5601316.28	94.37773295	54186.45	53919.6	53733.15	54037.74247	-304.5924745	-98.42247449	Varney-2018	77.00752551
605426.39	5601315.08	94.10930943	54186.43	53916.32	53729.89	54037.74598	-307.8559802	-101.6859802	Varney-2018	73.74401984
605427.32	5601313.56	93.7371694	54186.43	53935.08	53748.65	54037.75162	-289.1016224	-82.93162236	Varney-2018	92.49837764
605426.82	5601311.79	93.61849825	54186.42	53951.37	53764.95	54037.74659	-272.7965935	-66.62659351	Varney-2018	108.8034065
605427.96	5601311.62	93.37308011	54186.4	53962.85	53776.45	54037.75476	-261.3047587	-55.13475873	Varney-2018	120.2952413
605428.3	5601309.97	93.10490079	54186.38	53964.71	53778.33	54037.75591	-259.4259061	-53.25590607	Varney-2018	122.1740939
605428.72	5601309.75	92.99596895	54186.38	53959.4	53773.02	54037.75877	-264.7387698	-58.56876976	Varney-2018	116.8612302
605428.64	5601310.47	93.09922613	54186.38	53959.51	53773.13	54037.75877	-264.6287747	-58.45877472	Varney-2018	116.9712253
605428.68	5601309.91	93.02325406	54186.37	53953.67	53767.3	54037.75861	-270.4586101	-64.28861011	Varney-2018	111.1413899
605428.82	5601309.61	92.95940337	54186.35	53950.68	53764.33	54037.75938	-273.4293796	-67.25937963	Varney-2018	108.1706204
605429.49	5601310.01	92.87691872	54186.33	53960.47	53774.14	54037.76456	-263.6245597	-57.45455973	Varney-2018	117.9754403
605428.46	5601309.28	92.98953303	54186.31	53986.36	53800.05	54037.75651	-237.7065079	-31.53650788	Varney-2018	143.8934921
605428.71	5601309.07	92.91520942	54186.32	53986.96	53800.64	54037.75814	-237.1181447	-30.94814471	Varney-2018	144.4818553
605429.51	5601309.17	92.77134684	54186.34	53949.43	53763.09	54037.76401	-274.6740082	-68.50400819	Varney-2018	106.9259918
605428.61	5601308	92.80446906	54186.34	53979.48	53793.14	54037.75655	-244.6165547	-38.44655472	Varney-2018	136.9834453
605429.35	5601308.94	92.77468875	54186.33	53938.16	53751.83	54037.76266	-285.9326618	-79.76266181	Varney-2018	95.66733819
605429.98	5601308.97	92.65554945	54186.3	53861.72	53675.42	54037.76724	-362.3472375	-156.1772375	Varney-2018	19.2527625
605430.46	5601309.88	92.67147066	54186.27	53701.16	53514.89	54037.77148	-522.881477	-316.711477	Varney-2018	-141.281477
605432.28	5601309.65	92.28817025	54186.24	53809.56	53623.32	54037.78445	-414.4644543	-208.2944543	Varney-2018	-32.86445427
605432.68	5601309.77	92.22423817	54186.21	53809.66	53623.45	54037.78746	-414.3374566	-208.1674566	Varney-2018	-32.73745658
605433.07	5601310.57	92.24261571	54186.18	53803.81	53617.63	54037.791	-420.1610017	-213.9910017	Varney-2018	-38.56100174
605433.89	5601309.16	91.91592558	54186.14	53845.92	53659.78	54037.79566	-378.0156566	-171.8456566	Varney-2018	3.584343392
605433.96	5601307.79	91.74117588	54186.11	53876.01	53689.9	54037.7949	-347.8949019	-141.7249019	Varney-2018	33.70509807
605435.56	5601307.02	91.34123194	54186.07	53907.89	53721.82	54037.80569	-315.9856874	-109.8156874	Varney-2018	65.61431256
605436.9	5601306.65	91.03944031	54186.07	53917.8	53731.73	54037.81495	-306.084951	-99.91495097	Varney-2018	75.51504903
605437.3	5601306.52	90.9472527	54186.07	53916.56	53730.49	54037.81769	-307.3276929	-101.1576929	Varney-2018	74.27230705
605439.5	5601307.2	90.59973188	54186.08	53912.42	53726.34	54037.83418	-311.4941775	-105.3241775	Varney-2018	70.10582248
605441.74	5601306.88	90.13055248	54186.1	53924.06	53737.96	54037.84993	-299.889932	-93.71993203	Varney-2018	81.71006797
605443.63	5601306.41	89.713516	54186.11	53930.34	53744.23	54037.86298	-293.6329785	-87.46297846	Varney-2018	87.96702154
605445	5601306.7	89.48086873	54186.12	53934.02	53747.9	54037.87314	-289.9731355	-83.80313549	Varney-2018	91.62686451
605445.38	5601306.81	89.41944609	54186.12	53934.01	53747.89	54037.87599	-289.9859898	-83.81598976	Varney-2018	91.61401024
605446.31	5601308.02	89.37051665	54186.13	53939.88	53753.75	54037.88409	-284.1340858	-77.96408584	Varney-2018	97.46591416
605447.31	5601309.57	89.34267577	54186.12	53941.57	53755.45	54037.89314	-282.4431397	-76.27313974	Varney-2018	99.15686026
605449.1	5601309.47	88.98242306	54186.11	53940.65	53754.54	54037.90597	-283.3659691	-77.1959691	Varney-2018	98.2340309

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605450.8	5601308.45	88.54377937	54186.11	53945.53	53759.42	54037.91698	-278.4969767	-72.3269767	Varney-2018	103.1030233
605451.36	5601307.42	88.3275765	54186.1	53940.57	53754.47	54037.9197	-283.4497015	-77.2797015	Varney-2018	98.1502985
605452.93	5601306.83	87.96274753	54186.05	53943.39	53757.34	54037.93022	-280.590221	-74.42022096	Varney-2018	101.009779
605454.61	5601306.36	87.60413331	54186	53942.77	53756.77	54037.94129	-281.1712862	-75.00128617	Varney-2018	100.4287138
605456.47	5601304.61	87.15182391	54185.97	53937.42	53751.45	54037.95004	-286.5000355	-80.33003551	Varney-2018	95.09996449
605457.93	5601301.45	86.62057695	54185.94	53932.36	53746.42	54037.95436	-291.5343615	-85.36436149	Varney-2018	90.06563851
605459.48	5601299.14	86.16552066	54185.91	53933.45	53747.54	54037.96028	-290.4202848	-84.25028479	Varney-2018	91.17971521
605460.75	5601296.88	85.7593045	54185.87	53973.94	53788.07	54037.96454	-249.8945394	-43.7245394	Varney-2018	131.7054606
605461.33	5601293.6	85.35406499	54185.87	54010.45	53824.58	54037.96323	-213.3832306	-7.213230555	Varney-2018	168.2167694
605461.84	5601290.18	84.94691671	54185.87	53992.24	53806.37	54037.96126	-231.591263	-25.42126301	Varney-2018	150.008737
605461.61	5601288.12	84.77710297	54185.87	53964.67	53778.8	54037.95697	-259.1569737	-52.98697371	Varney-2018	122.4430263
605461.68	5601285.91	84.55078642	54185.87	53954.75	53768.88	54037.95419	-269.0741935	-62.90419345	Varney-2018	112.5258065
605461.47	5601283.81	84.37362593	54185.86	53966.88	53781.02	54037.94998	-256.9299785	-50.75997852	Varney-2018	124.6700215
605461.21	5601281.49	84.18115228	54185.84	53985.02	53799.18	54037.94518	-238.7651784	-32.59517839	Varney-2018	142.8348216
605461.02	5601278.8	83.94226701	54185.83	53972.46	53786.63	54037.94026	-251.3102585	-45.14025852	Varney-2018	130.2897415
605460.95	5601276.6	83.73516562	54185.81	53948.3	53762.49	54037.93672	-275.4467214	-69.27672137	Varney-2018	106.1532786
605460.32	5601275.04	83.66474005	54185.8	53936.36	53750.56	54037.93099	-287.3709939	-81.20099387	Varney-2018	94.22900613
605460.22	5601273.43	83.51888922	54185.79	53938.05	53752.26	54037.92815	-285.6681537	-79.49815369	Varney-2018	95.93184631
605460.05	5601270.56	83.25740332	54185.79	53940.32	53754.53	54037.92315	-283.3931473	-77.22314726	Varney-2018	98.20685274
605460	5601266.97	82.95934522	54185.78	53944.38	53758.6	54037.91645	-279.3164486	-73.14644856	Varney-2018	102.2835514
605459.89	5601264.35	82.82177724	54185.78	53957.75	53771.97	54037.90929	-265.9392874	-59.7692874	Varney-2018	115.6607126
605459.7	5601262.25	82.72421476	54185.79	53956.85	53771.06	54037.903	-266.8430015	-60.67300146	Varney-2018	114.7569985
605459.82	5601261.77	82.68128375	54185.79	53953.67	53767.88	54037.90245	-270.0224476	-63.85244759	Varney-2018	111.5775524
605459.94	5601262.11	82.68583493	54185.78	53953.91	53768.13	54037.90395	-269.7739469	-63.60394687	Varney-2018	111.8260531
605459.95	5601262.42	82.70250799	54185.77	53954.38	53768.61	54037.90478	-269.2947775	-63.12477749	Varney-2018	112.3052225
605459.9	5601262.45	82.7105554	54185.76	53954.22	53768.46	54037.90458	-269.4445825	-63.27458252	Varney-2018	112.1554175
605459.78	5601262.46	82.72628294	54185.74	53954.14	53768.4	54037.90396	-269.5039593	-63.33395927	Varney-2018	112.0960407
605459.54	5601262.43	82.75484073	54185.72	53953.3	53767.58	54037.90259	-270.3225876	-64.15258763	Varney-2018	111.2774124
605459.62	5601261.96	82.71749736	54185.69	53954.92	53769.23	54037.90184	-268.6718438	-62.50184378	Varney-2018	112.9281562
605459.56	5601260.17	82.62126082	54185.66	53942.36	53756.7	54037.89704	-281.197042	-75.02704201	Varney-2018	100.402958
605459.94	5601257.76	82.43416186	54185.63	53934.4	53748.77	54037.89305	-289.1230494	-82.95304943	Varney-2018	92.47695057
605459.55	5601255.47	82.34995005	54185.6	53928.43	53742.83	54037.88523	-295.055231	-88.88523098	Varney-2018	86.54476902
605459.35	5601253.66	82.26961461	54185.6	53923.44	53737.84	54037.87964	-300.0396391	-93.86963906	Varney-2018	81.56036094
605460.11	5601251.33	82.04135095	54185.59	53935.13	53749.54	54037.87784	-288.337842	-82.16784203	Varney-2018	93.26215797
605460.32	5601250.98	81.99545683	54185.57	53940.58	53755.01	54037.87808	-282.8680768	-76.69807677	Varney-2018	98.73192323
605460.56	5601250.82	81.95690276	54185.55	53941.41	53755.86	54037.87895	-282.018946	-75.84894599	Varney-2018	99.58105401
605460.94	5601249.91	81.85815202	54185.55	53947.61	53762.06	54037.87867	-275.8186696	-69.64866963	Varney-2018	105.7813304
605462.06	5601248.61	81.64744329	54185.54	53974.02	53788.48	54037.88131	-249.4013073	-43.23130735	Varney-2018	132.1986927
605463.1	5601247.48	81.45707687	54185.51	53992.3	53806.79	54037.88393	-231.0939279	-24.92392792	Varney-2018	150.5060721
605464.51	5601247.14	81.26735544	54185.48	54000.88	53815.4	54037.89048	-222.4904828	-16.3204828	Varney-2018	159.1095172
605465.44	5601246.75	81.1331342	54185.47	53999.19	53813.72	54037.89438	-224.1743776	-18.00437764	Varney-2018	157.4256224
605466.11	5601246.99	81.06560908	54185.45	53992.55	53807.1	54037.89851	-230.7985144	-24.62851444	Varney-2018	150.8014856
605466.13	5601246.36	81.02811048	54185.45	53994.91	53809.46	54037.89701	-228.4370051	-22.26700508	Varney-2018	153.1629949
605466.47	5601245.86	80.95932408	54185.46	53989.3	53803.84	54037.89751	-234.0575081	-27.88750806	Varney-2018	147.5424919
605467.32	5601245.9	80.85917651	54185.45	53978.53	53793.08	54037.90207	-244.8220719	-38.65207191	Varney-2018	136.7779281
605467.18	5601245.2	80.83731485	54185.43	53987.24	53801.81	54037.89954	-236.0895364	-29.91953636	Varney-2018	145.5104636
605468.2	5601244.74	80.68943898	54185.42	53985.29	53799.87	54037.9037	-238.0336955	-31.86369546	Varney-2018	143.5663045
605468.86	5601245.89	80.67315841	54185.41	53981.83	53796.42	54037.91013	-241.4901287	-35.3201287	Varney-2018	140.1098713
605468.67	5601243.5	80.5650786	54185.41	53995.53	53810.12	54037.90295	-227.7829501	-21.61295006	Varney-2018	153.8170499
605469.27	5601244.68	80.55773285	54185.4	53987.23	53801.83	54037.90914	-236.0791443	-29.90914427	Varney-2018	145.5208557
605468.12	5601243.13	80.6105097	54185.39	53988.09	53802.7	54037.89912	-235.1991206	-29.0291206	Varney-2018	146.4008794
605468.6	5601243.41	80.56851637	54185.37	53988.71	53803.34	54037.90235	-234.5623515	-28.39235152	Varney-2018	147.0376485
605468.14	5601243.3	80.61746728	54185.36	53994.43	53809.07	54037.89966	-228.8296639	-22.65966391	Varney-2018	152.7703361
605468.92	5601243.34	80.52642671	54185.34	53987.59	53802.25	54037.90384	-235.6538424	-29.48384241	Varney-2018	145.9461576
605468.68	5601243.22	80.54854082	54185.33	53985.03	53799.7	54037.90228	-238.2022781	-32.03227811	Varney-2018	143.3977219
605468.7	5601242.46	80.50451409	54185.32	53978.69	53793.37	54037.90042	-244.5304167	-38.36041672	Varney-2018	137.0695833
605468.86	5601242.17	80.46956587	54185.31	53978.44	53793.13	54037.9005	-244.7705008	-38.6005008	Varney-2018	136.8294992
605469.2	5601243.66	80.5104312	54185.29	53974.59	53789.3	54037.90613	-248.6061345	-42.43613454	Varney-2018	132.9938655
605469.72	5601245.51	80.54890429	54185.28	53972.81	53787.53	54037.91366	-250.3836558	-44.21365579	Varney-2018	131.2163442
605469.27	5601245.14	80.58284216	54185.27	53967.89	53782.62	54037.91034	-255.2903366	-49.12033658	Varney-2018	126.3096634
605469.99	5601242.48	80.35179434	54185.26	53962.85	53777.59	54037.9072	-260.317198	-54.14719797	Varney-2018	121.282802
605470.14	5601241.51	80.28125673	54185.24	53948.36	53763.12	54037.90546	-274.7854584	-68.61545842	Varney-2018	106.8145416
605469.05	5601241.08	80.38734931	54185.23	53940.1	53754.87	54037.89867	-283.0286684	-76.85866841	Varney-2018	98.57133159
605468.89	5601241.09	80.40689586	54185.21	53939.39	53754.18	54037.89786	-283.7178617	-77.54786171	Varney-2018	97.88213829

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605468.21	5601241.36	80.50248396	54185.2	53939.04	53753.84	54037.89502	-284.0550203	-77.88502032	Varney-2018	97.54497968
605467.95	5601239.68	80.44090254	54185.18	53941.72	53756.54	54037.88933	-281.3493328	-75.17933282	Varney-2018	100.2506672
605469.11	5601238.91	80.26165239	54185.18	53936.29	53751.11	54037.89336	-286.7833593	-80.61335929	Varney-2018	94.81664071
605470.67	5601240.1	80.14196788	54185.17	53936.79	53751.62	54037.90455	-286.2845454	-80.11454545	Varney-2018	95.31545455
605471.61	5601241.07	80.08282177	54185.17	53932.27	53747.1	54037.91196	-290.8119636	-84.64196363	Varney-2018	90.78803637
605471.65	5601240.34	80.03883369	54185.16	53933.44	53748.28	54037.91026	-289.6302635	-83.46026348	Varney-2018	91.96973652
605472.61	5601239.75	79.89357182	54185.16	53925.37	53740.21	54037.9137	-297.7037048	-91.5337048	Varney-2018	83.8962952
605471.58	5601238.25	79.93473644	54185.15	53927.88	53742.73	54037.90444	-295.1744376	-89.00443759	Varney-2018	86.42556241
605472.2	5601238.48	79.87404736	54185.14	53923.3	53738.16	54037.90825	-299.74825	-93.57824996	Varney-2018	81.85175004
605471.94	5601238.74	79.91863326	54185.13	53924.23	53739.1	54037.90758	-298.8075837	-92.63758367	Varney-2018	82.79241633
605471.79	5601238.65	79.93148894	54185.13	53923.62	53738.49	54037.90657	-299.416571	-93.246571	Varney-2018	82.183429
605471.29	5601239.06	80.01252581	54185.12	53920.91	53735.79	54037.90505	-302.1150509	-95.94505088	Varney-2018	79.48494912
605471.27	5601239.29	80.02727999	54185.12	53919.58	53734.46	54037.90555	-303.4455476	-97.27554761	Varney-2018	78.15445239
605471.37	5601239.36	80.01923758	54185.12	53917.07	53731.95	54037.90625	-305.9562491	-99.78624912	Varney-2018	75.64375088
605471.47	5601239.92	80.03755928	54185.12	53913.54	53728.42	54037.90823	-309.4882308	-103.3182308	Varney-2018	72.11176916
605471.1	5601239.56	80.06192503	54185.13	53909.31	53724.18	54037.90537	-313.7253702	-107.5553702	Varney-2018	67.87462975
605471.09	5601239.86	80.07929141	54185.13	53902.07	53716.94	54037.9061	-320.966101	-114.796101	Varney-2018	60.63389898
605471.76	5601240.19	80.01774325	54185.12	53888.21	53703.09	54037.91044	-334.8204429	-128.6504429	Varney-2018	46.77955714
605471.32	5601239.48	80.03160876	54185.1	53875.79	53690.69	54037.9063	-347.2163031	-141.0463031	Varney-2018	34.38369694
605470.99	5601239.98	80.09760116	54185.08	53886.47	53701.39	54037.90589	-336.5158947	-130.3458947	Varney-2018	45.08410525
605470.26	5601239.77	80.17261423	54185.07	53879.96	53694.89	54037.90156	-343.0115573	-136.8415573	Varney-2018	38.5884427
605470.65	5601239.35	80.10375963	54185.05	53886.82	53701.77	54037.90249	-336.132488	-129.962488	Varney-2018	45.46751205
605471.65	5601239.05	79.96949462	54185.06	53880.18	53695.12	54037.90689	-342.7868913	-136.6168913	Varney-2018	38.81310871
605473.56	5601238.91	79.73661733	54185.07	53885.16	53700.09	54037.91643	-337.8264258	-131.6564258	Varney-2018	43.77357425
605474.37	5601236.29	79.50271897	54185.07	53881.37	53696.3	54037.91371	-341.6137091	-135.4437091	Varney-2018	39.98629087
605474.08	5601235.49	79.49434886	54185.08	53874.17	53689.09	54037.9101	-348.8201036	-142.6501036	Varney-2018	32.77989638
605473.78	5601231.73	79.33008759	54185.07	53866.72	53681.65	54037.89865	-356.2486546	-150.0786546	Varney-2018	25.35134543
605473.79	5601230.34	79.2552614	54185.05	53874.7	53689.65	54037.89504	-348.2450444	-142.0750444	Varney-2018	33.35495555
605473.95	5601228.85	79.15797633	54185.04	53878.73	53693.69	54037.89193	-344.2019341	-138.0319341	Varney-2018	37.39806586
605473.04	5601228.3	79.23283893	54185.03	53876.6	53691.57	54037.88586	-346.3158574	-140.1458574	Varney-2018	35.28414256
605472.38	5601227.66	79.27401769	54185.02	53866.43	53681.41	54037.88082	-356.4708241	-150.3008241	Varney-2018	25.12917591
605473.21	5601227.27	79.15861314	54185.01	53860.7	53675.69	54037.88401	-362.1940144	-156.0240144	Varney-2018	19.40598564
605474.34	5601226.93	79.01194536	54184.98	53859.16	53674.18	54037.88885	-363.7088521	-157.5388521	Varney-2018	17.89114795
605476.7	5601225.59	78.67375556	54184.95	53870.85	53685.9	54037.89726	-351.9972562	-145.8272562	Varney-2018	29.60274376
605479.07	5601224.25	78.33665431	54184.95	53873.76	53688.81	54037.90565	-349.0956521	-142.9256521	Varney-2018	32.50434793
605479.61	5601227.37	78.43471547	54184.94	53900.19	53715.25	54037.91676	-322.6667646	-116.4967646	Varney-2018	58.93323542
605478.55	5601227.5	78.56216545	54184.93	53909.19	53724.26	54037.91173	-313.651732	-107.481732	Varney-2018	67.94826796
605479.4	5601226.43	78.41067039	54184.92	53918.5	53733.58	54037.91317	-304.3331736	-98.16317355	Varney-2018	77.26682645
605479.85	5601224.41	78.25677419	54184.93	53914.9	53729.97	54037.91002	-307.9400193	-101.7700193	Varney-2018	73.65998071
605479.36	5601224.98	78.34119428	54184.94	53946.08	53761.14	54037.90908	-276.7690764	-70.5990764	Varney-2018	104.8309236
605479.18	5601226.71	78.44997606	54184.95	53931.12	53746.17	54037.91281	-291.7428103	-85.57281029	Varney-2018	89.85718971
605480.15	5601226.76	78.34221694	54184.96	53961.57	53776.61	54037.91786	-261.3078629	-55.13786286	Varney-2018	120.2921371
605478.82	5601223.13	78.30747949	54184.96	54002.28	53817.32	54037.90139	-220.5813878	-14.41138778	Varney-2018	161.0186122
605478.51	5601221.82	78.27507622	54184.96	54021.7	53836.74	54037.89632	-201.1563183	5.0136817	Varney-2018	180.4436817
605477.28	5601217.17	78.17206344	54184.95	54042.49	53857.54	54037.87774	-180.3377389	25.8322611	Varney-2018	201.2622611
605479.11	5601217.36	77.97981146	54184.93	54061.45	53876.52	54037.88736	-161.3673645	44.80263548	Varney-2018	220.2326355
605479.95	5601217.3	77.88399844	54184.9	54063.78	53878.88	54037.89139	-159.0113888	47.1586112	Varney-2018	222.5886112
605480.83	5601216.21	77.7317558	54184.86	54071.83	53886.97	54037.89283	-150.9228309	55.24716908	Varney-2018	230.6771691
605481.29	5601214.79	77.60961429	54184.83	54069.5	53884.67	54037.89128	-153.2212788	52.9487212	Varney-2018	228.3787212
605481.44	5601211.58	77.43165891	54184.8	54076.3	53891.5	54037.88334	-146.383339	59.78666103	Varney-2018	235.216661
605481.9	5601211.26	77.36574172	54184.8	54081.97	53897.17	54037.88474	-140.7147394	65.45526058	Varney-2018	240.8852606
605483.09	5601210.5	77.19906934	54184.79	54081.59	53896.8	54037.88853	-141.0885341	65.08146589	Varney-2018	240.5114659
605483.07	5601210.37	77.19476261	54184.79	54083.91	53899.12	54037.88808	-138.7680821	67.40191792	Varney-2018	242.8319179
605484.1	5601210.42	77.08601115	54184.8	54078.19	53893.39	54037.89328	-144.5032842	61.66671584	Varney-2018	237.0967158
605484.59	5601210.95	77.05917585	54184.79	54089.42	53904.63	54037.89714	-133.2671435	72.90285649	Varney-2018	248.3328565
605485.91	5601209.66	76.85348109	54184.78	54065.39	53880.61	54037.9001	-157.2900991	48.8799009	Varney-2018	224.3099009
605485.88	5601208.3	76.79039509	54184.74	54050.95	53866.21	54037.89622	-171.6862165	34.48378349	Varney-2018	209.9137835
605487.4	5601206.83	76.55646759	54184.69	54033.32	53848.63	54037.8996	-189.2696045	16.90039548	Varney-2018	192.3303955
605488.48	5601205.8	76.39190043	54184.65	54016.62	53831.97	54037.90203	-205.9320266	0.237973362	Varney-2018	175.6679734
605488.34	5601203.25	76.28464621	54184.61	54000.56	53815.95	54037.89428	-221.9442821	-15.77428212	Varney-2018	159.6557179
605489.46	5601203.29	76.16840265	54184.6	53998.27	53813.67	54037.89983	-224.2298273	-18.05982735	Varney-2018	157.3701727
605489.96	5601201.22	76.01767338	54184.58	54011.9	53827.32	54037.89649	-210.5764896	-4.406489611	Varney-2018	171.0235104
605490.9	5601199.6	75.84303998	54184.61	54020.95	53836.34	54037.89651	-201.5565076	4.613492421	Varney-2018	180.0434924
605492.23	5601198.67	75.66116597	54184.64	54022.18	53837.54	54037.90031	-200.3603062	5.809693839	Varney-2018	181.2396938

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605492	5601196.74	75.5950857	54184.67	54050.45	53865.78	54037.89379	-172.1137894	34.0562106	Varney-2018	209.4862106
605493.03	5601195.14	75.41477477	54184.7	54055.71	53871.01	54037.89422	-166.8842236	39.28577643	Varney-2018	214.7157764
605492.96	5601193.2	75.33217369	54184.7	54057.37	53872.67	54037.88843	-165.2184332	40.95156679	Varney-2018	216.3815668
605494.22	5601192.38	75.16611186	54184.7	54056.11	53871.41	54037.89211	-166.482113	39.68788703	Varney-2018	215.117887
605495.89	5601191.48	74.92045039	54184.67	54057.56	53872.89	54037.89842	-165.0084232	41.16157676	Varney-2018	216.5915768
605494.38	5601190.44	74.9800135	54184.63	54065.88	53881.25	54037.88954	-156.6395409	49.53045911	Varney-2018	224.9604591
605495.1	5601188.74	74.75705181	54184.57	54066.48	53881.91	54037.89007	-155.9800663	50.18993375	Varney-2018	225.6199337
605494.7	5601187.54	74.6896546	54184.51	54070.21	53885.7	54037.88618	-152.1861849	53.98381513	Varney-2018	229.4138151
605494.87	5601186.86	74.61256017	54184.49	54075.76	53891.27	54037.88583	-146.615832	59.55416803	Varney-2018	234.984168
605495.54	5601186.51	74.51650398	54184.46	54077.28	53892.82	54037.88834	-145.068342	61.10165801	Varney-2018	236.531658
605496.14	5601185.83	74.39858923	54184.46	54070.42	53885.96	54037.88995	-151.9299549	54.24004505	Varney-2018	229.6700451
605496.64	5601186.32	74.39328235	54184.46	54063.74	53879.28	54037.8931	-158.613102	47.55689798	Varney-2018	222.986898
605497.08	5601185.65	74.2923358	54184.51	54058.23	53873.72	54037.89398	-164.1739767	41.9960233	Varney-2018	217.4260233
605496.97	5601184.83	74.23139994	54184.56	54054.75	53870.19	54037.89205	-167.7020546	38.46794543	Varney-2018	213.8979454
605496.8	5601184.76	74.2415256	54184.58	54054.6	53870.02	54037.89115	-167.8711541	38.29884592	Varney-2018	213.7288459
605497.84	5601187.22	74.35503399	54184.61	54053.09	53868.48	54037.90022	-169.4202168	36.74978324	Varney-2018	212.1797832
605498.14	5601187.11	74.31629862	54184.59	54051.17	53866.58	54037.90142	-171.321416	34.84858402	Varney-2018	210.278584
605499.2	5601186.76	74.18316812	54184.56	54046.05	53861.49	54037.90571	-176.4157103	29.75428965	Varney-2018	205.1842897
605500.74	5601187.22	74.07231498	54184.49	54044.05	53859.56	54037.91367	-178.3536718	27.81632825	Varney-2018	203.2463282
605500.77	5601187.33	74.07864208	54184.41	54043.96	53859.55	54037.91401	-178.3640099	27.8059901	Varney-2018	203.2359901
605502.11	5601187.09	73.92796327	54184.37	54034.92	53850.55	54037.91979	-187.3697891	18.80021085	Varney-2018	194.2302109
605501.45	5601187.21	74.00226206	54184.32	54032.82	53848.5	54037.91695	-189.4169477	16.75305233	Varney-2018	192.1830523
605502.42	5601188.02	73.97473819	54184.29	54028.49	53844.2	54037.92294	-193.722942	12.44705797	Varney-2018	187.877058
605503.44	5601187.53	73.83448955	54184.26	54030.86	53846.6	54037.92678	-191.3267775	14.84322251	Varney-2018	190.2732225
605504.66	5601187.99	73.75246765	54184.3	54025.48	53841.18	54037.93332	-196.753317	9.416683036	Varney-2018	184.846683
605504.79	5601187.59	73.70738543	54184.34	54029.49	53845.15	54037.93316	-192.7831639	13.38683613	Varney-2018	188.8168361
605505.89	5601187.6	73.60061321	54184.37	54029.87	53845.5	54037.9383	-192.4382955	13.73170448	Varney-2018	189.1617045
605506.92	5601188.83	73.59713897	54184.41	54041.33	53856.92	54037.94547	-181.0254719	25.1445281	Varney-2018	200.5745281
605507.18	5601187.85	73.49416587	54184.42	54053.02	53868.6	54037.94478	-169.3447783	36.8252217	Varney-2018	212.2552217
605508.27	5601188.07	73.40449347	54184.44	54064.69	53880.25	54037.95028	-157.7002842	48.46971581	Varney-2018	223.8997158
605509.86	5601187.65	73.21617916	54184.43	54087.25	53902.82	54037.95685	-135.136848	71.03315201	Varney-2018	246.463152
605509.89	5601187.4	73.19408335	54184.41	54092.59	53908.18	54037.95649	-129.7764858	76.39351425	Varney-2018	251.8235142
605510.23	5601187.17	73.14332317	54184.41	54093.87	53909.46	54037.9576	-128.4976013	77.67239871	Varney-2018	253.1023987
605510.75	5601186.9	73.07214665	54184.4	54099.11	53914.71	54037.95947	-123.2494665	82.92053354	Varney-2018	258.3505335
605511.83	5601186.13	72.90934919	54184.38	54116.85	53932.47	54037.96289	-105.4928921	100.6771079	Varney-2018	276.1071079
605512.37	5601185.59	72.81689605	54184.36	54129.06	53944.7	54037.96427	-93.26427194	112.9057281	Varney-2018	288.3357281
605513.34	5601185.27	72.70000367	54184.36	54141.98	53957.62	54037.96807	-80.3480719	125.8219281	Varney-2018	301.2519281
605513.34	5601185.07	72.68523999	54184.36	54144.36	53960	54037.96766	-77.96765555	128.2023445	Varney-2018	303.6323445
605515.31	5601184.27	72.43888808	54184.39	54175.29	53990.9	54037.975	-47.07500404	159.094996	Varney-2018	334.524996
605514.38	5601183.39	72.46309645	54184.43	54187.61	54003.18	54037.9689	-34.78889694	171.3811031	Varney-2018	346.8111031
605515.34	5601183.02	72.34580909	54184.45	54193.54	54009.09	54037.97248	-28.88248482	177.2875152	Varney-2018	352.7175152
605516.6	5601182.13	72.16398056	54184.48	54186.96	54002.48	54037.9763	-35.49630008	170.6736999	Varney-2018	346.1036999
605516.46	5601182.61	72.21125283	54184.45	54181.85	53997.4	54037.9767	-40.57669777	165.5933022	Varney-2018	341.0233022
605516.78	5601182.1	72.14505232	54184.42	54188.09	54003.67	54037.97705	-34.30705062	171.8629494	Varney-2018	347.2929494
605517.36	5601181.75	72.06625437	54184.38	54188.74	54004.36	54037.97892	-33.61891795	172.551082	Varney-2018	347.981082
605518.02	5601181.59	71.99366837	54184.34	54197.24	54012.9	54037.98155	-25.08155237	181.0884476	Varney-2018	356.5184476
605517.95	5601181.29	71.97915652	54184.31	54200.07	54015.76	54037.98058	-22.22058159	183.9494184	Varney-2018	359.3794184
605517.97	5601181.54	71.99481099	54184.28	54199.34	54015.06	54037.98122	-22.92121738	183.2487826	Varney-2018	358.6787826
605518.01	5601181.45	71.98479774	54184.25	54199.48	54015.23	54037.9812	-22.75120155	183.4187985	Varney-2018	358.8487985
605517.72	5601180.75	71.96253669	54184.21	54200.33	54016.12	54037.97837	-21.85836858	184.3116314	Varney-2018	359.7416314
605518.15	5601180.94	71.93617093	54184.23	54200.01	54015.78	54037.98072	-22.20071859	183.9692814	Varney-2018	359.3992814
605518.72	5601180.34	71.84188307	54184.25	54206.69	54022.44	54037.98197	-15.54196629	190.6280337	Varney-2018	366.0580337
605519.54	5601180.48	71.77618366	54184.3	54208.81	54024.51	54037.98596	-13.47595857	192.6940414	Varney-2018	368.1240414
605520	5601180.32	71.72293755	54184.36	54210.43	54026.07	54037.98767	-11.91766924	194.2523308	Varney-2018	369.6823308
605521.13	5601179.58	71.56924933	54184.39	54220.05	54035.66	54037.99108	-2.331077015	203.838923	Varney-2018	379.268923
605522.67	5601179.21	71.40425884	54184.42	54221.9	54037.48	54037.99712	-0.517121319	205.6528787	Varney-2018	381.0828787
605522.41	5601178.34	71.3701382	54184.41	54224.78	54040.37	54037.99398	2.376022257	208.5460223	Varney-2018	383.9760223
605522.29	5601178.57	71.39625804	54184.4	54225.24	54040.84	54037.99397	2.846032362	209.0160324	Varney-2018	384.4460324
605523.54	5601179.19	71.32383771	54184.38	54236.59	54052.21	54038.00096	14.2090396	220.3790396	Varney-2018	395.8090396
605522.46	5601178.19	71.35567411	54184.36	54227.33	54042.97	54037.99386	4.976141891	211.1461419	Varney-2018	386.5761419
605524.48	5601178.7	71.20667295	54184.32	54229.95	54045.63	54038.00402	7.625980881	213.7959809	Varney-2018	389.2259809
605524.88	5601178.48	71.1563047	54184.27	54241.07	54056.8	54038.00529	18.79471216	224.9647122	Varney-2018	400.3947122
605525.92	5601177.29	70.98676513	54184.23	54247.59	54063.36	54038.00711	25.35288675	231.5228868	Varney-2018	406.9528868
605525.81	5601176.24	70.92980274	54184.19	54242.31	54058.12	54038.00416	20.11584359	226.2858436	Varney-2018	401.7158436

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605526.45	5601176.32	70.87820845	54184.14	54242.47	54058.33	54038.00716	20.32283752	226.4928375	Varney-2018	401.9228375
605527.23	5601177.35	70.87344854	54184.09	54246.34	54062.25	54038.01305	24.23694833	230.4069483	Varney-2018	405.8369483
605527.41	5601177.79	70.88476749	54184.06	54255.18	54071.12	54038.0149	33.10510136	239.2751014	Varney-2018	414.7051014
605526.73	5601176.58	70.86975276	54184.03	54246.86	54062.83	54038.00901	24.82098784	230.9909878	Varney-2018	406.4209878
605527.17	5601175.86	70.78569056	54184.01	54248.82	54064.81	54038.00924	26.8007632	232.9707632	Varney-2018	408.4007632
605527.55	5601175.39	70.72294991	54183.99	54258.33	54074.34	54038.00978	36.33021736	242.5002174	Varney-2018	417.9302174
605528.21	5601175.18	70.65205185	54184	54261.46	54077.46	54038.01217	39.44782975	245.6178298	Varney-2018	421.0478298
605528.75	5601174.35	70.55392898	54184.01	54267.81	54083.8	54038.01253	45.78747118	251.9574712	Varney-2018	427.3874712
605531.03	5601169.61	70.10429993	54184.05	54262.67	54078.62	54038.00999	40.61001191	246.7800119	Varney-2018	422.2100119
605530.87	5601173.46	70.34181042	54184.09	54269.68	54085.59	54038.01891	47.57108674	253.7410867	Varney-2018	429.1710867
605531.98	5601174.15	70.32866664	54184.12	54271.9	54087.78	54038.02433	49.75567136	255.9256714	Varney-2018	431.3556714
605532.25	5601174.38	70.32904878	54184.16	54274.59	54090.43	54038.0258	52.40419792	258.5741979	Varney-2018	434.0041979
605532.72	5601174.17	70.29360492	54184.16	54273.95	54089.79	54038.02686	51.76314109	257.9331411	Varney-2018	433.3631411
605531.84	5601174.14	70.33492975	54184.17	54264.93	54080.76	54038.02383	42.73616536	248.9061654	Varney-2018	424.3361654
605531.46	5601174.38	70.36781501	54184.15	54262.33	54078.18	54038.02315	40.15684832	246.3268483	Varney-2018	421.7568483
605531.73	5601174.26	70.34744111	54184.12	54265.16	54081.04	54038.02376	43.0162383	249.1862383	Varney-2018	424.6162383
605531.84	5601174.61	70.36281291	54184.08	54265.47	54081.39	54038.02499	43.3650062	249.5350062	Varney-2018	424.9650062
605532.54	5601174.3	70.31009571	54184.04	54271.24	54087.2	54038.02658	49.17342291	255.3434229	Varney-2018	430.7734229
605533.35	5601174.69	70.29326385	54184	54278.65	54094.65	54038.03026	56.61973768	262.7897377	Varney-2018	438.2197377
605534.99	5601174.62	70.20851276	54183.95	54271.39	54087.44	54038.0356	49.40440499	255.574405	Varney-2018	431.004405
605535.96	5601174.35	70.14526712	54183.94	54269.38	54085.44	54038.03817	47.40182645	253.5718264	Varney-2018	429.0018264
605536.31	5601174.93	70.16141098	54183.93	54268.62	54084.69	54038.04081	46.64919284	252.8191928	Varney-2018	428.2491928
605537.33	5601174.31	70.07577665	54183.93	54264.97	54081.04	54038.04267	42.99733175	249.1673318	Varney-2018	424.5973318
605538.65	5601173.03	69.93878506	54183.92	54256.64	54072.72	54038.04384	34.67615877	240.8461588	Varney-2018	416.2761588
605540.53	5601172.79	69.83424524	54183.92	54245.3	54061.38	54038.0495	23.33049519	229.5004952	Varney-2018	404.9304952
605542.24	5601172.12	69.71467526	54183.93	54232.98	54049.05	54038.05348	10.99651919	217.1665192	Varney-2018	392.5965192
605543.25	5601171.32	69.62247052	54183.93	54220.02	54036.09	54038.05477	-1.964768429	204.2052316	Varney-2018	379.6352316
605544.46	5601170.18	69.50310072	54183.94	54211.82	54027.88	54038.05581	-10.17581367	195.9941863	Varney-2018	371.4241863
605545.44	5601169.71	69.43156455	54183.92	54203.03	54019.11	54038.05782	-18.94782463	187.2221754	Varney-2018	362.6521754
605546.66	5601168.91	69.33164851	54183.89	54187.45	54003.56	54038.05975	-34.49974796	171.670252	Varney-2018	347.100252
605547.46	5601167.5	69.21988894	54183.87	54176.62	53992.75	54038.05866	-45.30865866	160.8613413	Varney-2018	336.2913413
605548	5601165.62	69.09625407	54183.84	54174.9	53991.06	54038.05545	-46.9954517	159.1745483	Varney-2018	334.6045483
605547.99	5601163.82	69.00219533	54183.82	54181.33	53997.51	54038.05065	-40.54065411	165.6293459	Varney-2018	341.0593459
605547.04	5601161.94	68.94511008	54183.8	54196.25	54012.45	54038.04262	-25.59262252	180.5773775	Varney-2018	356.0073775
605547.25	5601160.62	68.86618659	54183.79	54207.08	54023.29	54038.03981	-14.74981437	191.4201856	Varney-2018	366.8501856
605547.48	5601158.72	68.75606418	54183.78	54222.78	54039	54038.03553	0.964468355	207.1344684	Varney-2018	382.5644684
605547.53	5601156.91	68.65855215	54183.78	54237.56	54053.78	54038.03091	15.74909157	221.9190916	Varney-2018	397.3490916
605547.22	5601155.49	68.59645608	54183.78	54248.19	54064.41	54038.02618	26.38381777	232.5538178	Varney-2018	407.9838178
605547.43	5601153.84	68.50079949	54183.77	54261.67	54077.9	54038.02248	39.87751529	246.0475153	Varney-2018	421.4775153
605547.82	5601152.14	68.39566022	54183.75	54271.59	54087.84	54038.01921	49.82079371	255.9907937	Varney-2018	431.4207937
605548.59	5601150.46	68.2773199	54183.73	54277.31	54093.58	54038.01714	55.56286094	261.7328609	Varney-2018	437.1628609
605549.37	5601149.16	68.17942056	54183.71	54280.49	54096.78	54038.01609	58.76391464	264.9339146	Varney-2018	440.3639146
605550.24	5601147.67	68.06917303	54183.71	54286.1	54102.39	54038.01478	64.37522364	270.5452236	Varney-2018	445.9752236
605550.98	5601145.61	67.9356422	54183.71	54288.28	54104.57	54038.01152	66.55848479	272.7284848	Varney-2018	448.1584848
605551.91	5601144.73	67.85655351	54183.68	54293.33	54109.65	54038.01197	71.63803268	277.8080327	Varney-2018	453.2380327
605553.31	5601143.49	67.74305717	54183.65	54302	54118.35	54038.01284	80.33715733	286.5071573	Varney-2018	461.9371573
605553.51	5601142.76	67.69922278	54183.63	54304.12	54120.49	54038.01147	82.4785332	288.6485332	Varney-2018	464.0785332
605553.85	5601142.45	67.67156771	54183.6	54303.82	54120.22	54038.01165	82.20835397	288.378354	Varney-2018	463.808354
605553.89	5601142.66	67.68064744	54183.59	54305.72	54122.13	54038.01234	84.11766427	290.2876643	Varney-2018	465.7176643
605553.9	5601142.79	67.68679216	54183.57	54305.85	54122.28	54038.01272	84.26728153	290.4372815	Varney-2018	465.8672815
605555.08	5601142.83	67.64660765	54183.57	54306.12	54122.55	54038.01637	84.53363124	290.7036312	Varney-2018	466.1336312
605555.92	5601141.86	67.56889375	54183.57	54308.43	54124.86	54038.01624	86.84376402	293.013764	Varney-2018	468.443764
605556.16	5601140.63	67.50007151	54183.57	54312.32	54128.75	54038.01358	90.736415	296.906415	Varney-2018	472.336415
605555.72	5601139.28	67.44891457	54183.57	54317.52	54133.95	54038.00858	95.94141554	302.1114155	Varney-2018	477.5414155
605555.51	5601139.08	67.44624094	54183.58	54320.8	54137.22	54038.00742	99.21258381	305.3825838	Varney-2018	480.8125838
605555.21	5601138.76	67.44066422	54183.6	54325.15	54141.55	54038.00566	103.5443447	309.7143447	Varney-2018	485.1443447
605555.39	5601138.07	67.40046465	54183.6	54333.13	54149.53	54038.0043	111.5256964	317.6956964	Varney-2018	493.1256964
605556.21	5601137.43	67.34141451	54183.59	54338.13	54154.54	54038.00497	116.5350321	322.7050321	Varney-2018	498.1350321
605556.64	5601138.04	67.35682378	54183.57	54319.72	54136.15	54038.00791	98.14209356	304.3120936	Varney-2018	479.7420936
605556.16	5601136.92	67.31806876	54183.54	54324.2	54140.66	54038.00342	102.656576	308.826576	Varney-2018	484.256576
605557.21	5601137.08	67.29092964	54183.54	54317.48	54133.94	54038.00695	95.93305385	302.1030538	Varney-2018	477.5330538
605558.13	5601137.21	67.26654255	54183.53	54310.11	54126.58	54038.01001	88.56999284	294.7399928	Varney-2018	470.1699928
605559.52	5601137.14	67.21681371	54183.53	54301.66	54118.13	54038.0139	80.11610264	286.2861026	Varney-2018	461.7161026
605566.48	5601132.72	66.78714104	54183.54	54326.01	54142.47	54038.02173	104.4482726	310.6182726	Varney-2018	486.0482726

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605574.57	5601127.87	66.33222915	54183.55	54317.8	54134.25	54038.03081	96.21919055	302.3891905	Varney-2018	477.8191905
605559.76	5601135.46	67.12894758	54183.56	54306.95	54123.39	54038.00993	85.38006655	291.5500665	Varney-2018	466.9800665
605558.81	5601133.7	67.07558218	54183.56	54339.84	54156.28	54038.00229	118.2777121	324.4477121	Varney-2018	499.8777121
605557.81	5601132.27	67.03832148	54183.57	54361.39	54177.82	54037.99545	139.8245542	345.9945542	Varney-2018	521.4245542
605555.98	5601131.02	67.03416785	54183.55	54375.83	54192.28	54037.98675	154.2932514	360.4632514	Varney-2018	535.8932514
605557.5	5601129.09	66.89381861	54183.53	54388.08	54204.55	54037.98579	166.5642052	372.7342052	Varney-2018	548.1642052
605557.91	5601127.94	66.82597346	54183.52	54389.83	54206.31	54037.98379	168.3262099	374.4962099	Varney-2018	549.9262099
605558.28	5601127.15	66.77702397	54183.5	54387.47	54203.97	54037.98266	165.9873435	372.1573435	Varney-2018	547.5873435
605559.13	5601125.37	66.66717396	54183.5	54392.88	54209.38	54037.98012	171.3998759	377.5698759	Varney-2018	552.9998759
605558.56	5601124.49	66.64107066	54183.5	54378.83	54195.33	54037.97609	157.3539091	363.5239091	Varney-2018	538.9539091
605558.53	5601123.06	66.57318981	54183.5	54357.84	54174.34	54037.97205	136.3679475	342.5379475	Varney-2018	517.9679475
605558.93	5601121.8	66.50189016	54183.49	54331.72	54148.23	54037.96967	110.2603255	316.4303255	Varney-2018	491.8603255
605558.64	5601121.35	66.48807803	54183.49	54321.59	54138.1	54037.96763	100.1323726	306.3023726	Varney-2018	481.7323726
605559.13	5601120.46	66.43245957	54183.48	54307.7	54124.22	54037.96651	86.25348695	292.423487	Varney-2018	467.853487
605559.45	5601119.04	66.35635315	54183.48	54290.64	54107.16	54037.96345	69.19654816	275.3665482	Varney-2018	450.7965482
605559.71	5601117.75	66.28831939	54183.47	54261.75	54078.28	54037.96058	40.31942149	246.4894215	Varney-2018	421.9194215
605560.63	5601116.36	66.20174994	54183.45	54241.09	54057.64	54037.95915	19.68085212	225.8508521	Varney-2018	401.2808521
605561.53	5601115.24	66.18693587	54183.43	54221.37	54037.94	54037.95686	-0.016863222	206.1531368	Varney-2018	381.5831368
605562.06	5601115.01	66.17547523	54183.4	54213.98	54030.58	54037.95733	-7.377326044	198.792674	Varney-2018	374.222674
605562.19	5601115.25	66.1707133	54183.37	54211.28	54027.91	54037.95869	-10.04868899	196.121311	Varney-2018	371.551311
605563.15	5601114.6	66.15155714	54183.37	54209.2	54025.83	54037.95854	-12.12854175	194.0414583	Varney-2018	369.4714583
605564.42	5601115.12	66.11700615	54183.36	54211.96	54028.6	54037.96417	-9.364166768	196.8058332	Varney-2018	372.2358332
605564.24	5601113.3	66.13376689	54183.37	54186.56	54003.19	54037.956	-34.76599882	171.4040012	Varney-2018	346.8340012
605564.4	5601113.74	66.12688578	54183.39	54189.49	54006.1	54037.95829	-31.85828768	174.3117123	Varney-2018	349.7417123
605565.23	5601114.13	66.10400182	54183.41	54205.62	54022.21	54037.96217	-15.75217459	190.4178254	Varney-2018	365.8478254
605565.98	5601114.86	66.08064403	54183.44	54231.16	54047.72	54037.96728	9.752716402	215.9227164	Varney-2018	391.3527164
605566.34	5601112.85	66.08589403	54183.44	54204.48	54021.04	54037.95976	-16.91976194	189.2502381	Varney-2018	364.6802381
605567.47	5601111.93	66.06501991	54183.45	54194.55	54011.1	54037.95892	-26.85891834	179.3110817	Varney-2018	354.7410817
605568.04	5601111.46	66.05460826	54183.44	54176.97	53993.53	54037.95847	-44.42846572	161.7415343	Varney-2018	337.1715343
605568.66	5601111.01	66.04289987	54183.43	54159.14	53975.71	54037.95823	-62.24823096	143.921769	Varney-2018	319.351769
605569.77	5601110.72	66.01829798	54183.39	54155.4	53972.01	54037.95999	-65.94999072	140.2200093	Varney-2018	315.6500093
605570.26	5601109.16	66.01800288	54183.34	54105.07	53921.73	54037.9547	-116.2247013	89.94529871	Varney-2018	265.3752987
605570.23	5601107.87	66.02821617	54183.3	54057.13	53873.83	54037.94916	-164.1191565	42.05084354	Varney-2018	217.4808435
605571.35	5601107.36	66.00539632	54183.25	54042.05	53858.8	54037.95	-179.1500006	27.01999945	Varney-2018	202.4499994
605572.6	5601107.14	65.97740695	54183.23	54025.51	53842.28	54037.95242	-195.6724204	10.49757957	Varney-2018	185.9275796
605573.75	5601106.2	65.957381	54183.2	54000.35	53817.15	54037.95151	-220.8015146	-14.63151456	Varney-2018	160.7984854
605573.91	5601105.58	65.9583845	54183.2	53972.85	53789.65	54037.94931	-248.2993113	-42.12931128	Varney-2018	133.3006887
605575.6	5601104.63	65.92605407	54183.2	53957.15	53773.95	54037.9498	-263.9998	-57.82980005	Varney-2018	117.6002
605576.44	5601104.55	65.90697887	54183.19	53923.99	53740.8	54037.95171	-297.1517074	-90.98170738	Varney-2018	84.44829262
605577.44	5601103.26	65.8939052	54183.18	53883.72	53700.54	54037.94889	-337.4088949	-131.2388949	Varney-2018	44.19110508
605578.39	5601102.2	65.88036616	54183.17	53856.09	53672.92	54037.94692	-365.0269215	-158.8569215	Varney-2018	16.57307853
605578.59	5601101.85	65.8785754	54183.16	53840.59	53657.43	54037.94597	-380.5159654	-174.3459654	Varney-2018	1.084034614
605579.26	5601101.97	65.86204411	54183.15	53836.56	53653.41	54037.94826	-384.5382643	-178.3682643	Varney-2018	-2.938264326
605580.24	5601101.3	65.8448692	54183.14	53816.54	53633.4	54037.94802	-404.5480247	-198.3780247	Varney-2018	-22.94802474
605581.06	5601101.65	65.82294916	54183.14	53808.16	53625.02	54037.9517	-412.9317039	-206.7617039	Varney-2018	-31.33170391
605581.92	5601101.51	65.80420004	54183.13	53794.4	53611.27	54037.9534	-426.6834012	-220.5134012	Varney-2018	-45.08340121
605582.07	5601102.21	65.79478002	54183.13	53803.26	53620.13	54037.95679	-417.8267875	-211.6567875	Varney-2018	-36.22678745
605583.27	5601101.48	65.77318131	54183.13	53771.49	53588.36	54037.95687	-449.5968744	-243.4268744	Varney-2018	-67.99687445
605583.76	5601101.04	65.76563811	54183.13	53764.79	53581.66	54037.9563	-456.2963027	-250.1263027	Varney-2018	-74.69630269
605584.26	5601101.61	65.74911648	54183.12	53756.4	53573.28	54037.96007	-464.6800706	-258.5100706	Varney-2018	-83.08007061
605584.7	5601100.53	65.74836165	54183.12	53737.87	53554.75	54037.95663	-483.2066302	-277.0366302	Varney-2018	-101.6066302
605585.5	5601101.03	65.72549193	54183.11	53738.95	53555.84	54037.9609	-482.1208995	-275.9508995	Varney-2018	-100.5208995
605585.9	5601100.52	65.72076085	54183.1	53725.39	53542.29	54037.95979	-495.6697856	-289.4997856	Varney-2018	-114.0697856
605587.1	5601100.78	65.6907396	54183.09	53700.38	53517.29	54037.9641	-520.6740962	-314.5040962	Varney-2018	-139.0740962
605587.83	5601100.65	65.67505336	54183.06	53675.68	53492.62	54037.96549	-545.3454857	-339.1754857	Varney-2018	-163.7454857
605588.61	5601100.4	65.65932565	54183.02	53650.92	53467.9	54037.96649	-570.0664942	-363.8964942	Varney-2018	-188.4664942
605589.33	5601100.74	65.63959767	54183	53643.45	53460.45	54037.96987	-577.5198695	-371.3498695	Varney-2018	-195.9198695
605590.12	5601100.6	65.6226496	54182.98	53622.36	53439.38	54037.97138	-598.5913753	-392.4213753	Varney-2018	-216.9913753
605590.2	5601100.81	65.61885657	54182.97	53622.24	53439.27	54037.97249	-598.7024886	-392.5324886	Varney-2018	-217.1024886
605590.13	5601100.91	65.6195474	54182.96	53625.23	53442.27	54037.97273	-595.7027307	-389.5327307	Varney-2018	-214.1027307
605590.84	5601101.39	65.59866015	54182.97	53625.86	53442.89	54037.97668	-595.0866819	-388.9166819	Varney-2018	-213.4866819
605591.7	5601100.83	65.58401646	54182.99	53619.27	53436.28	54037.97657	-601.6965732	-395.5265732	Varney-2018	-220.0965732
605591.73	5601100.56	65.58586553	54183.01	53618.93	53435.92	54037.97549	-602.0554948	-395.8854948	Varney-2018	-220.4554948
605591.59	5601101.08	65.58420729	54183.03	53627.33	53444.3	54037.97735	-593.6773525	-387.5073525	Varney-2018	-212.0773525

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605591.38	5601100.59	65.59366114	54183.03	53622.71	53439.68	54037.97469	-598.2946907	-392.1246907	Varney-2018	-216.6946907
605591.88	5601100.62	65.58183814	54183.03	53612.39	53429.36	54037.97615	-608.616152	-402.446152	Varney-2018	-227.016152
605592.36	5601099.74	65.57909679	54183.02	53583.12	53400.1	54037.97365	-637.8736545	-431.7036545	Varney-2018	-256.2736545
605593.09	5601099.51	65.56450293	54183.01	53561.41	53378.4	54037.97461	-659.574611	-453.404611	Varney-2018	-277.974611
605593.4	5601098.4	65.56800825	54183	53533.72	53350.72	54037.97067	-687.2506694	-481.0806694	Varney-2018	-305.6506694
605593.95	5601099.81	65.54185442	54182.98	53511.43	53328.45	54037.97819	-709.5281896	-503.3581896	Varney-2018	-327.9281896
605594.6	5601100.15	65.52360625	54182.96	53506.93	53323.97	54037.98138	-714.011382	-507.841382	Varney-2018	-332.411382
605595.34	5601100.51	65.50304429	54182.94	53488.95	53306.01	54037.9849	-731.9749013	-525.8049013	Varney-2018	-350.3749013
605595.77	5601100.53	65.49292705	54182.93	53483.72	53300.79	54037.98613	-737.1961333	-531.0261333	Varney-2018	-355.5961333
605595.95	5601100.8	65.48612263	54182.91	53478.79	53295.88	54037.98777	-742.1077743	-535.9377743	Varney-2018	-360.5077743
605596	5601100.76	65.48536055	54182.91	53474.06	53291.15	54037.98774	-746.8377355	-540.6677355	Varney-2018	-365.2377355
605596	5601101.2	65.48103829	54182.91	53474.52	53291.61	54037.98963	-746.379628	-540.209628	Varney-2018	-364.779628
605596.33	5601101.15	65.47389532	54182.91	53472.43	53289.52	54037.99029	-748.470293	-542.300293	Varney-2018	-366.870293
605597.25	5601101.31	65.45102146	54182.92	53437.62	53254.7	54037.99344	-783.293435	-577.123435	Varney-2018	-401.693435
605598.22	5601102.67	65.41491876	54182.94	53430	53247.06	54038.00188	-790.9418793	-584.7718793	Varney-2018	-409.3418793
605598.34	5601102.28	65.41604357	54182.96	53424.18	53241.22	54038.00052	-796.78052	-590.61052	Varney-2018	-415.18052
605599.84	5601108	65.32289325	54182.95	53420.2	53237.25	54038.02918	-800.7791826	-594.6091826	Varney-2018	-419.1791826
605599.64	5601107.54	65.33232957	54182.94	53426.72	53243.78	54038.02666	-794.2466631	-588.0766631	Varney-2018	-412.6466631
605599.91	5601107	65.33142495	54182.93	53419.09	53236.16	54038.02506	-801.8650595	-595.6950595	Varney-2018	-420.2650595
605601.5	5601108.72	65.27595388	54182.92	53395.42	53212.5	54038.03675	-825.5367451	-619.3667451	Varney-2018	-443.9367451
605599.66	5601103.46	65.37336045	54182.87	53373.95	53191.08	54038.00913	-846.9291302	-640.7591302	Varney-2018	-465.3291302
605598.46	5601101.31	65.42301117	54182.81	53357.73	53174.92	54037.99666	-863.0766622	-656.9066622	Varney-2018	-481.4766622
605599.29	5601101.88	65.39801904	54182.78	53355.21	53172.43	54038.00133	-865.5713323	-659.4013323	Varney-2018	-483.9713323
605600.13	5601101	65.38751988	54182.75	53342.96	53160.21	54037.99978	-877.7897797	-671.6197797	Varney-2018	-496.1897797
605600.01	5601100.09	65.39958204	54182.73	53329.99	53147.26	54037.99554	-890.7355364	-684.5655364	Varney-2018	-509.1355364
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605600.55	5601098.55	65.40294185	54182.71	53329.26	53146.55	54037.99033	-891.4403334	-685.2703334	Varney-2018	-509.8403334
605600.75	5601098.88	65.39497333	54182.72	53322.22	53139.5	54037.99229	-898.4922888	-692.3222888	Varney-2018	-516.8922888
605601.99	5601103.64	65.31707351	54182.72	53319.46	53136.74	54038.01613	-901.2761342	-695.1061342	Varney-2018	-519.6761342
605603.52	5601108.86	65.22628712	54182.71	53310.62	53127.91	54038.04278	-910.1327754	-703.9627754	Varney-2018	-528.5327754
605602.59	5601108.97	65.24733665	54182.72	53306.97	53124.25	54038.04075	-913.7907521	-707.6207521	Varney-2018	-532.1907521
605604.98	5601114.3	65.13333075	54182.73	53290.67	53107.94	54038.07022	-930.1302193	-723.9602193	Varney-2018	-548.5302193
605607.1	5601119.15	65.6769106	54182.74	53287.17	53104.43	54038.07974	-933.6497448	-727.4797448	Varney-2018	-552.0497448
605601.55	5601105.94	65.30354387	54182.75	53302.32	53119.57	54038.02488	-918.4548831	-712.2848831	Varney-2018	-536.8548831
605602.35	5601106.59	65.27789134	54182.76	53321.17	53138.41	54038.02983	-899.6198323	-693.4498323	Varney-2018	-518.0198323
605602.78	5601108.28	65.25002432	54182.78	53291.78	53109	54038.03828	-929.0382829	-722.8682829	Varney-2018	-547.4382829
605603.07	5601109.97	65.22537513	54182.78	53296.65	53113.87	54038.04636	-924.1763607	-718.0063607	Varney-2018	-542.5763607
605603.54	5601111.01	65.20314088	54182.79	53311.07	53128.28	54038.05212	-909.7721176	-703.6021176	Varney-2018	-528.1721176
605605.39	5601111.41	65.15431276	54182.78	53277.82	53095.04	54038.05883	-943.0188272	-736.8488272	Varney-2018	-561.4188272
605604.29	5601109.68	65.19920247	54182.77	53270.58	53087.81	54038.04839	-950.2383879	-744.0683879	Varney-2018	-568.6383879
605604.51	5601110.04	65.19010471	54182.74	53277.68	53094.94	54038.05054	-943.1105355	-736.9405355	Varney-2018	-561.5105355
605604.52	5601110.21	65.18805654	54182.7	53291.1	53108.4	54038.0513	-929.6512973	-723.4812973	Varney-2018	-548.0512973
605604.61	5601109.15	65.19718123	54182.66	53303.02	53120.36	54038.04696	-917.686957	-711.516957	Varney-2018	-536.086957
605604.81	5601108.21	65.20242671	54182.62	53312	53129.38	54038.04343	-908.6634304	-702.4934304	Varney-2018	-527.0634304
605605.11	5601106.21	65.21667151	54182.58	53299.82	53117.24	54038.03559	-920.7955873	-714.6255873	Varney-2018	-539.1955873
605604.71	5601105.07	65.23826553	54182.53	53295.94	53113.41	54038.02959	-924.619587	-718.449587	Varney-2018	-543.019587
605606.13	5601106.38	65.20610718	54182.52	53276.67	53094.15	54038.03865	-943.8886484	-737.7186484	Varney-2018	-562.2886484
605606.89	5601104.91	65.58997811	54182.51	53285.93	53103.42	54038.02408	-934.6040837	-728.4340837	Varney-2018	-553.0040837
605607.1	5601104.09	65.69833045	54182.54	53291.02	53108.48	54038.01833	-929.5383266	-723.3683266	Varney-2018	-547.9383266
605606.89	5601103.4	65.60304675	54182.57	53300.73	53118.16	54038.01764	-919.8576358	-713.6876358	Varney-2018	-538.2576358
605607.86	5601103.17	66.07033115	54182.61	53310.84	53128.23	54038.0063	-909.7762991	-703.6062991	Varney-2018	-528.1762991
605607.4	5601102.28	65.85615326	54182.65	53313.43	53130.78	54038.00744	-907.2274416	-701.0574416	Varney-2018	-525.6274416
605606.62	5601102.67	65.48021452	54182.67	53316.98	53134.31	54038.01739	-903.7073911	-697.5373911	Varney-2018	-522.1073911
605606.58	5601101.52	65.47199686	54182.7	53316.22	53133.52	54038.01288	-904.4928804	-698.3228804	Varney-2018	-522.8928804
605607.08	5601103	65.69756144	54182.69	53316.1	53133.41	54038.0139	-904.6039018	-698.4339018	Varney-2018	-523.0039018
605607.35	5601104.55	65.81546294	54182.67	53314.99	53132.32	54038.01759	-905.6975906	-699.5275906	Varney-2018	-524.0975906
605607.99	5601105.25	66.12086723	54182.63	53314.08	53131.45	54038.01363	-906.5636294	-700.3936294	Varney-2018	-524.9636294
605607.82	5601105.69	66.03566297	54182.59	53316.06	53133.47	54038.01732	-904.547319	-698.377319	Varney-2018	-522.947319
605608.17	5601103.57	66.2169541	54182.55	53318.39	53135.84	54038.00466	-902.1646614	-695.9946614	Varney-2018	-520.5646614
605608.29	5601103.66	66.2742072	54182.5	53321.36	53138.86	54038.00375	-899.1437522	-692.9737522	Varney-2018	-517.5437522
605608.24	5601103.66	66.25015682	54182.47	53309.5	53127.03	54038.00429	-910.9742877	-704.8042877	Varney-2018	-529.3742877
605607.69	5601102.99	65.98995377	54182.44	53301.98	53119.54	54038.00736	-918.4673555	-712.2973555	Varney-2018	-536.8673555
605607.55	5601103.39	65.92011709	54182.44	53378.96	53196.52	54038.01054	-841.4905373	-635.3205373	Varney-2018	-459.8905373
605607.54	5601103.97	65.91131268	54182.43	53356.16	53173.73	54038.01309	-864.2830939	-658.1130939	Varney-2018	-482.6830939

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605607.1	5601104.32	65.6964703	54182.44	53347.12	53164.68	54038.01931	-873.3393053	-667.1693053	Varney-2018	-491.7393053
605607.33	5601104.42	65.80676536	54182.46	53347.06	53164.6	54038.01726	-873.417255	-667.247255	Varney-2018	-491.817255
605607.49	5601104.92	65.88053779	54182.46	53344.03	53161.57	54038.01765	-876.4476463	-670.2776463	Varney-2018	-494.8476463
605607.76	5601105.16	66.00981534	54182.47	53345.17	53162.7	54038.01574	-875.3157401	-669.1457401	Varney-2018	-493.7157401
605607.63	5601105.08	65.94729024	54182.47	53347.85	53165.38	54038.01681	-872.636809	-666.466809	Varney-2018	-491.036809
605607.84	5601104.83	66.05062945	54182.48	53373.05	53190.57	54038.01349	-847.4434881	-641.2734881	Varney-2018	-465.8434881
605607.54	5601104.37	65.90855295	54182.48	53340.05	53157.57	54038.01478	-880.4447833	-674.2747833	Varney-2018	-498.8447833
605607.37	5601103.88	65.83006133	54182.47	53326.52	53144.05	54038.01454	-893.9645371	-687.7945371	Varney-2018	-512.3645371
605607.19	5601103.39	65.74721684	54182.48	53330.99	53148.51	54038.01439	-889.5043859	-683.3343859	Varney-2018	-507.9043859
605607.02	5601102.9	65.66963829	54182.49	53345.11	53162.62	54038.01412	-875.3941155	-669.2241155	Varney-2018	-493.7941155
605606.84	5601102.41	65.58773334	54182.5	53349.96	53167.46	54038.01394	-870.5539393	-664.3839393	Varney-2018	-488.9539393
605606.75	5601102.16	65.54700468	54182.51	53287.88	53105.37	54038.01383	-932.6438251	-726.4738251	Varney-2018	-551.0438251
605610.93	5601102.38	67.54118006	54182.54	53337.94	53155.4	54037.97038	-882.570383	-676.400383	Varney-2018	-500.970383
605610.28	5601098.29	67.2287258	54182.57	53266.72	53084.15	54037.96081	-953.8108134	-747.6408134	Varney-2018	-572.2108134
605610.33	5601098.69	67.2523052	54182.59	53352.25	53169.66	54037.96191	-868.3019066	-662.1319066	Varney-2018	-486.7019066
605609.39	5601105.54	66.7997375	54182.61	53264.01	53081.4	54037.99966	-956.5996625	-750.4296625	Varney-2018	-574.9996625
605608.81	5601107.4	66.51135492	54182.6	53289.21	53106.61	54038.01364	-931.4036389	-725.2336389	Varney-2018	-549.8036389
605608.18	5601109.57	66.19073598	54182.58	53283.74	53101.16	54038.02962	-936.8696205	-730.6996205	Varney-2018	-555.2696205
605609.44	5601103.83	66.82706538	54182.55	53355.89	53173.34	54037.99213	-864.6521308	-658.4821308	Varney-2018	-483.0521308
605609.38	5601106.21	66.79358339	54182.52	53363.67	53181.15	54038.00251	-856.8525124	-650.6825124	Varney-2018	-475.2525124
605610.33	5601110.77	67.25997992	54182.47	53321.19	53138.72	54038.01051	-899.2905122	-693.1205122	Varney-2018	-517.6905122
605610.48	5601112.08	67.33637419	54182.42	53322.07	53139.65	54038.01409	-898.3640862	-692.1940862	Varney-2018	-516.7640862
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605610.58	5601110.85	67.38513698	54182.38	53341.23	53158.85	54038.00803	-879.1580279	-672.9880279	Varney-2018	-497.5580279
605611.03	5601113.66	67.61742553	54182.37	53271.03	53088.66	54038.01414	-949.354142	-743.184142	Varney-2018	-567.754142
605610.85	5601113.06	67.5247593	54182.36	53295.03	53112.67	54038.01381	-925.343807	-719.173807	Varney-2018	-543.743807
605610.77	5601114.04	67.48603496	54182.37	53283.49	53101.12	54038.01863	-936.8986299	-730.7286299	Varney-2018	-555.2986299
605610.7	5601115.02	67.45200403	54182.39	53302.04	53119.65	54038.02335	-918.3733488	-712.2033488	Varney-2018	-536.7733488
605610.63	5601116	67.41760257	54182.4	53318.39	53135.99	54038.02808	-902.0380776	-695.8680776	Varney-2018	-520.4380776
605611.56	5601118.5	67.96132998	54182.41	53326.44	53144.03	54038.02566	-893.995661	-687.825661	Varney-2018	-512.395661
605612.04	5601119.5	68.23977498	54182.41	53307.07	53124.66	54038.0233	-913.3632988	-707.1932988	Varney-2018	-531.7632988
605612.11	5601120.52	68.30719405	54182.42	53343.96	53161.54	54038.02577	-876.4857749	-670.3157749	Varney-2018	-494.8857749
605612.17	5601121.94	68.38176266	54182.42	53345	53162.58	54038.02966	-875.449657	-669.279657	Varney-2018	-493.849657
605612.29	5601123.56	68.49365855	54182.41	53328.41	53146	54038.03348	-892.03348	-685.86348	Varney-2018	-510.43348
605612.56	5601126.29	68.71784343	54182.41	53327.29	53144.88	54038.03912	-893.1591163	-686.9891163	Varney-2018	-511.5591163
605612.91	5601129.26	68.99179724	54182.42	53328.15	53145.73	54038.04457	-892.3145661	-686.1445661	Varney-2018	-510.7145661
605613.43	5601133.31	69.38919552	54182.42	53325.69	53143.27	54038.05145	-894.7814531	-688.6114531	Varney-2018	-513.1814531
605614.06	5601137.96	69.86507071	54182.42	53326.31	53143.89	54038.05891	-894.1689079	-687.9989079	Varney-2018	-512.5689079
605614.9	5601143.86	70.49404494	54182.42	53324.95	53142.53	54038.06778	-895.537782	-689.367782	Varney-2018	-513.937782
605615.89	5601150.73	71.2382684	54182.41	53324.88	53142.47	54038.07783	-895.6078253	-689.4378253	Varney-2018	-514.0078253
605616.98	5601158.1	72.05827073	54182.39	53336.36	53153.97	54038.08808	-884.1180833	-677.9480833	Varney-2018	-502.5180833
605618.13	5601165.9	72.93192935	54182.37	53333.17	53150.8	54038.09878	-887.298778	-681.128778	Varney-2018	-505.698778
605618.91	5601171.18	73.52866598	54182.36	53306.85	53124.49	54038.10588	-913.615879	-707.445879	Varney-2018	-532.015879
605619.18	5601173.02	73.73649357	54182.34	53310.88	53128.54	54038.10835	-909.5683532	-703.3983532	Varney-2018	-527.9683532
605619.18	5601173.02	73.73649357	54182.33	53317.61	53135.28	54038.10835	-902.8283532	-696.6583532	Varney-2018	-521.2283532
605619.18	5601173.02	73.73649357	54182.31	53327.25	53144.94	54038.10835	-893.1683532	-686.9983532	Varney-2018	-511.5683532
605619.18	5601173.02	73.73649357	54182.31	53328.08	53145.77	54038.10835	-892.3383532	-686.1683532	Varney-2018	-510.7383532
605619.18	5601173.02	73.73649357	54182.32	53328.28	53145.96	54038.10835	-892.1483532	-685.9783532	Varney-2018	-510.5483532
605619.18	5601173.02	73.73649357	54182.32	53322.03	53139.71	54038.10835	-898.3983532	-692.2283532	Varney-2018	-516.7983532
605619.18	5601173.02	73.73649357	54182.33	53324.92	53142.59	54038.10835	-895.5183532	-689.3483532	Varney-2018	-513.9183532
605619.18	5601173.02	73.73649357	54182.33	53323.26	53140.93	54038.10835	-897.1783532	-691.0083532	Varney-2018	-515.5783532
605619.18	5601173.02	73.73649357	54182.33	53324.13	53141.8	54038.10835	-896.3083532	-690.1383532	Varney-2018	-514.7083532
605619.18	5601173.02	73.73649357	54182.34	53323.68	53141.34	54038.10835	-896.7683532	-690.5983532	Varney-2018	-515.1683532
605619.18	5601173.02	73.73649357	54182.35	53322.53	53140.18	54038.10835	-897.9283532	-691.7583532	Varney-2018	-516.3283532
605619.18	5601173.02	73.73649357	54182.35	53321.55	53139.2	54038.10835	-898.9083532	-692.7383532	Varney-2018	-517.3083532
605619.18	5601173.02	73.73649357	54182.35	53320.54	53138.19	54038.10835	-899.9183532	-693.7483532	Varney-2018	-518.3183532
605619.18	5601173.02	73.73649357	54182.35	53325.6	53143.25	54038.10835	-894.8583532	-688.6883532	Varney-2018	-513.2583532
605619.18	5601173.02	73.73649357	54182.35	53335.33	53152.98	54038.10835	-885.1283532	-678.9583532	Varney-2018	-503.5283532
605619.18	5601173.02	73.73649357	54182.36	53301.94	53119.58	54038.10835	-918.5283532	-712.3583532	Varney-2018	-536.9283532
605619.18	5601173.02	73.73649357	54182.37	53303.31	53120.94	54038.10835	-917.1683532	-710.9983532	Varney-2018	-535.5683532
605619.18	5601173.02	73.73649357	54182.36	53305.91	53123.55	54038.10835	-914.5583532	-708.3883532	Varney-2018	-532.9583532
605619.18	5601173.02	73.73649357	54182.35	53309.36	53127.01	54038.10835	-911.0983532	-704.9283532	Varney-2018	-529.4983532
605619.18	5601173.02	73.73649357	54182.34	53311.38	53129.04	54038.10835	-909.0683532	-702.8983532	Varney-2018	-527.4683532
605619.18	5601173.02	73.73649357	54182.33	53320.27	53137.94	54038.10835	-900.1683532	-693.9983532	Varney-2018	-518.5683532

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605619.18	5601173.02	73.73649357	54182.31	53249.26	53066.95	54038.10835	-971.1583532	-764.9883532	Varney-2018	-589.5583532
605619.18	5601173.02	73.73649357	54182.29	53254.02	53071.73	54038.10835	-966.3783532	-760.2083532	Varney-2018	-584.7783532
605619.18	5601173.02	73.73649357	54182.29	53249.46	53067.17	54038.10835	-970.9383532	-764.7683532	Varney-2018	-589.3383532
605619.18	5601173.02	73.73649357	54182.29	53275.24	53092.95	54038.10835	-945.1583532	-738.9883532	Varney-2018	-563.5583532
605619.18	5601173.02	73.73649357	54182.31	53282.82	53100.51	54038.10835	-937.5983532	-731.4283532	Varney-2018	-555.9983532
605619.18	5601173.02	73.73649357	54182.33	53278.68	53096.35	54038.10835	-941.7583532	-735.5883532	Varney-2018	-560.1583532
605619.18	5601173.02	73.73649357	54182.35	53273.12	53090.77	54038.10835	-947.3383532	-741.1683532	Varney-2018	-565.7383532
605619.18	5601173.02	73.73649357	54182.37	53245.11	53062.74	54038.10835	-975.3683532	-769.1983532	Varney-2018	-593.7683532
605619.18	5601173.02	73.73649357	54182.38	53258.8	53076.42	54038.10835	-961.6883532	-755.5183532	Varney-2018	-580.0883532
605619.18	5601173.02	73.73649357	54182.39	53277.7	53095.31	54038.10835	-942.7983532	-736.6283532	Varney-2018	-561.1983532
605619.18	5601173.02	73.73649357	54182.39	53276.22	53093.83	54038.10835	-944.2783532	-738.1083532	Varney-2018	-562.6783532
605619.18	5601173.02	73.73649357	54182.38	53277.87	53095.49	54038.10835	-942.6183532	-736.4483532	Varney-2018	-561.0183532
605619.18	5601173.02	73.73649357	54182.38	53275.98	53093.6	54038.10835	-944.5083532	-738.3383532	Varney-2018	-562.9083532
605619.18	5601173.02	73.73649357	54182.37	53274.57	53092.2	54038.10835	-945.9083532	-739.7383532	Varney-2018	-564.3083532
605619.18	5601173.02	73.73649357	54182.37	53277.87	53095.5	54038.10835	-942.6083532	-736.4383532	Varney-2018	-561.0083532
605619.18	5601173.02	73.73649357	54182.38	53277.28	53094.9	54038.10835	-943.2083532	-737.0383532	Varney-2018	-561.6083532
605619.18	5601173.02	73.73649357	54182.38	53275.58	53093.2	54038.10835	-944.9083532	-738.7383532	Varney-2018	-563.3083532
605619.18	5601173.02	73.73649357	54182.38	53328.8	53146.42	54038.10835	-891.6883532	-685.5183532	Varney-2018	-510.0883532
605619.18	5601173.02	73.73649357	54182.37	53332.27	53149.9	54038.10835	-888.2083532	-682.0383532	Varney-2018	-506.6083532
605619.18	5601173.02	73.73649357	54182.36	53331.24	53148.88	54038.10835	-889.2283532	-683.0583532	Varney-2018	-507.6283532
605619.18	5601173.02	73.73649357	54182.37	53328.2	53145.83	54038.10835	-892.2783532	-686.1083532	Varney-2018	-510.6783532
605619.18	5601173.02	73.73649357	54182.38	53330.99	53148.61	54038.10835	-889.4983532	-683.3283532	Varney-2018	-507.8983532
605619.18	5601173.02	73.73649357	54182.38	53328.94	53146.56	54038.10835	-891.5483532	-685.3783532	Varney-2018	-509.9483532
605619.18	5601173.02	73.73649357	54182.38	53304.29	53121.91	54038.10835	-916.1983532	-710.0283532	Varney-2018	-534.5983532
605619.18	5601173.02	73.73649357	54182.37	53298.48	53116.11	54038.10835	-921.9983532	-715.8283532	Varney-2018	-540.3983532
605619.18	5601173.02	73.73649357	54182.35	53310.62	53128.27	54038.10835	-909.8383532	-703.6683532	Varney-2018	-528.2383532
605619.18	5601173.02	73.73649357	54182.33	53313.29	53130.96	54038.10835	-907.1483532	-700.9783532	Varney-2018	-525.5483532
605619.18	5601173.02	73.73649357	54182.3	53274.48	53092.18	54038.10835	-945.9283532	-739.7583532	Varney-2018	-564.3283532
605619.18	5601173.02	73.73649357	54182.28	53276.82	53094.54	54038.10835	-943.5683532	-737.3983532	Varney-2018	-561.9683532
605619.18	5601173.02	73.73649357	54182.25	53360.17	53177.92	54038.10835	-860.1883532	-654.0183532	Varney-2018	-478.5883532
605619.18	5601173.02	73.73649357	54182.23	53346.66	53164.43	54038.10835	-873.6783532	-667.5083532	Varney-2018	-492.0783532
605619.18	5601173.02	73.73649357	54182.21	53342.14	53159.93	54038.10835	-878.1783532	-672.0083532	Varney-2018	-496.5783532
605619.18	5601173.02	73.73649357	54182.19	53338.17	53155.98	54038.10835	-882.1283532	-675.9583532	Varney-2018	-500.5283532
605619.18	5601173.02	73.73649357	54182.17	53340.42	53158.25	54038.10835	-879.8583532	-673.6883532	Varney-2018	-498.2583532
605619.18	5601173.02	73.73649357	54182.14	53335.25	53153.11	54038.10835	-884.9983532	-678.8283532	Varney-2018	-503.3983532
605619.18	5601173.02	73.73649357	54182.11	53332.11	53150	54038.10835	-888.1083532	-681.9383532	Varney-2018	-506.5083532
605619.18	5601173.02	73.73649357	54182.09	53347.19	53165.1	54038.10835	-873.0083532	-666.8383532	Varney-2018	-491.4083532
605619.18	5601173.02	73.73649357	54182.07	53330.99	53148.92	54038.10835	-889.1883532	-683.0183532	Varney-2018	-507.5883532
605619.18	5601173.02	73.73649357	54182.06	53332.51	53150.45	54038.10835	-887.6583532	-681.4883532	Varney-2018	-506.0583532
605619.18	5601173.02	73.73649357	54182.04	53325.16	53143.12	54038.10835	-894.9883532	-688.8183532	Varney-2018	-513.3883532
605619.18	5601173.02	73.73649357	54182.03	53324.82	53142.79	54038.10835	-895.3183532	-689.1483532	Varney-2018	-513.7183532
605619.18	5601173.02	73.73649357	54182.01	53337.18	53155.17	54038.10835	-882.9383532	-676.7683532	Varney-2018	-501.3383532
605619.18	5601173.02	73.73649357	54182	53338.29	53156.29	54038.10835	-881.8183532	-675.6483532	Varney-2018	-500.2183532
605619.18	5601173.02	73.73649357	54181.98	53339.29	53157.31	54038.10835	-880.7983532	-674.6283532	Varney-2018	-499.1983532
605619.18	5601173.02	73.73649357	54181.98	53337.75	53155.77	54038.10835	-882.3383532	-676.1683532	Varney-2018	-500.7383532
605619.18	5601173.02	73.73649357	54181.99	53335.92	53153.93	54038.10835	-884.1783532	-678.0083532	Varney-2018	-502.5783532
605619.18	5601173.02	73.73649357	54181.99	53310.16	53128.17	54038.10835	-909.9383532	-703.7683532	Varney-2018	-528.3383532
605619.18	5601173.02	73.73649357	54181.98	53305.49	53123.51	54038.10835	-914.5983532	-708.4283532	Varney-2018	-532.9983532
605619.18	5601173.02	73.73649357	54181.97	53309.3	53127.33	54038.10835	-910.7783532	-704.6083532	Varney-2018	-529.1783532
605619.18	5601173.02	73.73649357	54181.96	53341.4	53159.44	54038.10835	-878.6683532	-672.4983532	Varney-2018	-497.0683532
605619.18	5601173.02	73.73649357	54181.95	53328.83	53146.88	54038.10835	-891.2283532	-685.0583532	Varney-2018	-509.6283532
605619.18	5601173.02	73.73649357	54181.93	53328.81	53146.88	54038.10835	-891.2283532	-685.0583532	Varney-2018	-509.6283532
605619.18	5601173.02	73.73649357	54181.9	53320	53138.1	54038.10835	-900.0083532	-693.8383532	Varney-2018	-518.4083532
605619.18	5601173.02	73.73649357	54181.86	53322.36	53140.5	54038.10835	-897.6083532	-691.4383532	Varney-2018	-516.0083532
605619.18	5601173.02	73.73649357	54181.82	53321.69	53139.87	54038.10835	-898.2383532	-692.0683532	Varney-2018	-516.6383532
605619.18	5601173.02	73.73649357	54181.77	53337.28	53155.51	54038.10835	-882.5983532	-676.4283532	Varney-2018	-500.9983532
605619.18	5601173.02	73.73649357	54181.71	53322.38	53140.67	54038.10835	-897.4383532	-691.2683532	Varney-2018	-515.8383532
605619.18	5601173.02	73.73649357	54181.65	53317.37	53135.72	54038.10835	-902.3883532	-696.2183532	Varney-2018	-520.7883532
605619.18	5601173.02	73.73649357	54181.63	53315.95	53134.32	54038.10835	-903.7883532	-697.6183532	Varney-2018	-522.1883532
605619.18	5601173.02	73.73649357	54181.6	53314.55	53132.95	54038.10835	-905.1583532	-698.9883532	Varney-2018	-523.5583532
605619.18	5601173.02	73.73649357	54181.59	53316.44	53134.85	54038.10835	-903.2583532	-697.0883532	Varney-2018	-521.6583532
605619.18	5601173.02	73.73649357	54181.58	53317.76	53136.18	54038.10835	-901.9283532	-695.7583532	Varney-2018	-520.3283532
605619.18	5601173.02	73.73649357	54181.59	53314.94	53133.35	54038.10835	-904.7583532	-698.5883532	Varney-2018	-523.1583532
605619.18	5601173.02	73.73649357	54181.61	53326.64	53145.03	54038.10835	-893.0783532	-686.9083532	Varney-2018	-511.4783532

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605619.18	5601173.02	73.73649357	54181.61	53326.69	53145.08	54038.10835	-893.0283532	-686.8583532	Varney-2018	-511.4283532
605619.18	5601173.02	73.73649357	54181.62	53323.4	53141.78	54038.10835	-896.3283532	-690.1583532	Varney-2018	-514.7283532
605619.18	5601173.02	73.73649357	54181.61	53321.34	53139.73	54038.10835	-898.3783532	-692.2083532	Varney-2018	-516.7783532
605619.18	5601173.02	73.73649357	54181.59	53320.67	53139.08	54038.10835	-899.0283532	-692.8583532	Varney-2018	-517.4283532
605619.18	5601173.02	73.73649357	54181.59	53319.43	53137.84	54038.10835	-900.2683532	-694.0983532	Varney-2018	-518.6683532
605619.18	5601173.02	73.73649357	54181.59	53316.07	53134.48	54038.10835	-903.6283532	-697.4583532	Varney-2018	-522.0283532
605619.18	5601173.02	73.73649357	54181.57	53313.94	53132.37	54038.10835	-905.7383532	-699.5683532	Varney-2018	-524.1383532
605619.18	5601173.02	73.73649357	54181.55	53326.03	53144.48	54038.10835	-893.6283532	-687.4583532	Varney-2018	-512.0283532
605619.18	5601173.02	73.73649357	54181.55	53293.22	53111.67	54038.10835	-926.4383532	-720.2683532	Varney-2018	-544.8383532
605619.18	5601173.02	73.73649357	54181.55	53310.08	53128.53	54038.10835	-909.5783532	-703.4083532	Varney-2018	-527.9783532
605619.18	5601173.02	73.73649357	54181.55	53314.59	53133.04	54038.10835	-905.0683532	-698.8983532	Varney-2018	-523.4683532
605619.18	5601173.02	73.73649357	54181.56	53309.2	53127.64	54038.10835	-910.4683532	-704.2983532	Varney-2018	-528.8683532
605619.18	5601173.02	73.73649357	54181.57	53310.34	53128.77	54038.10835	-909.3383532	-703.1683532	Varney-2018	-527.7383532
605619.18	5601173.02	73.73649357	54181.58	53305.9	53124.32	54038.10835	-913.7883532	-707.6183532	Varney-2018	-532.1883532
605619.18	5601173.02	73.73649357	54181.6	53309.81	53128.21	54038.10835	-909.8983532	-703.7283532	Varney-2018	-528.2983532
605619.18	5601173.02	73.73649357	54181.63	53313.09	53131.46	54038.10835	-906.6483532	-700.4783532	Varney-2018	-525.0483532
605619.18	5601173.02	73.73649357	54181.65	53310.82	53129.17	54038.10835	-908.9383532	-702.7683532	Varney-2018	-527.3383532
605619.18	5601173.02	73.73649357	54181.68	53311.96	53130.28	54038.10835	-907.8283532	-701.6583532	Varney-2018	-526.2283532
605619.18	5601173.02	73.73649357	54181.69	53306.93	53125.24	54038.10835	-912.8683532	-706.6983532	Varney-2018	-531.2683532
605619.18	5601173.02	73.73649357	54181.71	53276.51	53094.8	54038.10835	-943.3083532	-737.1383532	Varney-2018	-561.7083532
605619.18	5601173.02	73.73649357	54181.72	53315.92	53134.2	54038.10835	-903.9083532	-697.7383532	Varney-2018	-522.3083532
605619.18	5601173.02	73.73649357	54181.73	53317.06	53135.33	54038.10835	-902.7783532	-696.6083532	Varney-2018	-521.1783532
605619.18	5601173.02	73.73649357	54181.73	53316.79	53135.06	54038.10835	-903.0483532	-696.8783532	Varney-2018	-521.4483532
605619.18	5601173.02	73.73649357	54181.73	53221.36	53039.63	54038.10835	-998.4783532	-792.3083532	Varney-2018	-616.8783532
605619.18	5601173.02	73.73649357	54181.73	53298.64	53116.91	54038.10835	-921.1983532	-715.0283532	Varney-2018	-539.5983532
605619.18	5601173.02	73.73649357	54181.73	53315.57	53133.84	54038.10835	-904.2683532	-698.0983532	Varney-2018	-522.6683532
605619.18	5601173.02	73.73649357	54181.73	53317.02	53135.29	54038.10835	-902.8183532	-696.6483532	Varney-2018	-521.2183532
605619.18	5601173.02	73.73649357	54181.72	53316.99	53135.27	54038.10835	-902.8383532	-696.6683532	Varney-2018	-521.2383532
605619.18	5601173.02	73.73649357	54181.72	53317.41	53135.69	54038.10835	-902.4183532	-696.2483532	Varney-2018	-520.8183532
605619.18	5601173.02	73.73649357	54181.72	53317.84	53136.12	54038.10835	-901.9883532	-695.8183532	Varney-2018	-520.3883532
605619.18	5601173.02	73.73649357	54181.71	53318.16	53136.45	54038.10835	-901.6583532	-695.4883532	Varney-2018	-520.0583532
605619.18	5601173.02	73.73649357	54181.69	53318.93	53137.24	54038.10835	-900.8683532	-694.6983532	Varney-2018	-519.2683532
605619.18	5601173.02	73.73649357	54181.69	53319.36	53137.67	54038.10835	-900.4383532	-694.2683532	Varney-2018	-518.8383532
605619.18	5601173.02	73.73649357	54181.7	53317.07	53135.37	54038.10835	-902.7383532	-696.5683532	Varney-2018	-521.1383532
605619.18	5601173.02	73.73649357	54181.7	53315.34	53133.64	54038.10835	-904.4683532	-698.2983532	Varney-2018	-522.8683532
605619.18	5601173.02	73.73649357	54181.71	53318.08	53136.37	54038.10835	-901.7383532	-695.5683532	Varney-2018	-520.1383532
605619.18	5601173.02	73.73649357	54181.75	53320.61	53138.86	54038.10835	-899.2483532	-693.0783532	Varney-2018	-517.6483532
605619.18	5601173.02	73.73649357	54181.79	53315.48	53133.69	54038.10835	-904.4183532	-698.2483532	Varney-2018	-522.8183532
605619.18	5601173.02	73.73649357	54181.83	53315.33	53133.5	54038.10835	-904.6083532	-698.4383532	Varney-2018	-523.0083532
605619.18	5601173.02	73.73649357	54181.87	53314.73	53132.86	54038.10835	-905.2483532	-699.0783532	Varney-2018	-523.6483532
605619.18	5601173.02	73.73649357	54181.91	53317.36	53135.45	54038.10835	-902.6583532	-696.4883532	Varney-2018	-521.0583532
605619.18	5601173.02	73.73649357	54181.96	53316.49	53134.53	54038.10835	-903.5783532	-697.4083532	Varney-2018	-521.9783532
605619.18	5601173.02	73.73649357	54181.99	53316.45	53134.46	54038.10835	-903.6483532	-697.4783532	Varney-2018	-522.0483532
605619.18	5601173.02	73.73649357	54182.02	53315.25	53133.23	54038.10835	-904.8783532	-698.7083532	Varney-2018	-523.2783532
605619.18	5601173.02	73.73649357	54182.02	53314.94	53132.92	54038.10835	-905.1883532	-699.0183532	Varney-2018	-523.5883532
605619.18	5601173.02	73.73649357	54182.01	53315.37	53133.36	54038.10835	-904.7483532	-698.5783532	Varney-2018	-523.1483532
605619.18	5601173.02	73.73649357	54182.02	53315.47	53133.45	54038.10835	-904.6583532	-698.4883532	Varney-2018	-523.0583532
605619.18	5601173.02	73.73649357	54182.03	53315.96	53133.93	54038.10835	-904.1783532	-698.0083532	Varney-2018	-522.5783532
605619.18	5601173.02	73.73649357	54182.03	53315.91	53133.88	54038.10835	-904.2283532	-698.0583532	Varney-2018	-522.6283532
605604.71	5601090.75	65.39085109	54182.02	53316.17	53134.15	54037.96768	-903.8176782	-697.6476782	Varney-2018	-522.2176782
605602.91	5601086.22	65.47819351	54182.02	53307.88	53125.86	54037.94336	-912.0833619	-705.9133619	Varney-2018	-530.4833619
605603.65	5601097.77	65.34022954	54182.01	53317.15	53135.14	54037.99521	-902.8552098	-696.6852098	Varney-2018	-521.2552098
605610.89	5601123.78	67.77426348	54182	53318.45	53136.45	54038.05058	-901.6005828	-695.4305828	Varney-2018	-520.0005828
605598.43	5601084.64	65.59133047	54181.99	53319.01	53137.02	54037.92478	-900.904779	-694.734779	Varney-2018	-519.304779
605595.89	5601070.58	65.78405233	54181.98	53315.73	53133.75	54037.85764	-904.107641	-697.937641	Varney-2018	-522.507641
605591.09	5601053.99	66.03626374	54181.97	53258.4	53076.43	54037.77406	-961.3440619	-755.1740619	Varney-2018	-579.7440619
605600.55	5601084.74	65.5446049	54181.96	53316.85	53134.89	54037.93077	-903.040775	-696.870775	Varney-2018	-521.440775
605600.76	5601088.69	65.49947767	54181.95	53319.39	53137.44	54037.94836	-900.5083636	-694.3383636	Varney-2018	-518.9083636
605600.99	5601089.33	65.48783866	54181.94	53323.82	53141.88	54037.95173	-896.0717305	-689.9017305	Varney-2018	-514.4717305
605601.01	5601089.31	65.48760461	54181.92	53291.67	53109.75	54037.9517	-928.201697	-722.031697	Varney-2018	-546.601697
605601.6	5601087.06	65.49792926	54181.93	53274.92	53092.99	54037.94354	-944.953543	-738.783543	Varney-2018	-563.353543
605603.53	5601089.05	65.43489909	54181.94	53294.34	53112.4	54037.95722	-925.5572182	-719.3872182	Varney-2018	-543.9572182
605603.25	5601087.4	65.45840417	54181.94	53330.74	53148.8	54037.94935	-889.1493528	-682.9793528	Varney-2018	-507.5493528
605604.07	5601087.95	65.43468479	54181.94	53306.17	53124.23	54037.95389	-913.7238878	-707.5538878	Varney-2018	-532.1238878

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605605.62	5601090.17	65.37693408	54181.94	53287.23	53105.29	54037.96757	-932.6775721	-726.5075721	Varney-2018	-551.0775721
605606.04	5601090.24	65.3669037	54181.95	53287.9	53105.95	54037.96898	-932.0189833	-725.8489833	Varney-2018	-550.4189833
605605.84	5601090.82	65.36507924	54181.97	53305.16	53123.19	54037.97096	-914.7809646	-708.6109646	Varney-2018	-533.1809646
605606	5601090.93	65.36035009	54182	53306.46	53124.46	54037.97186	-913.511863	-707.341863	Varney-2018	-531.911863
605605.61	5601092.79	65.34901247	54182.01	53305.59	53123.58	54037.97888	-914.3988786	-708.2288786	Varney-2018	-532.7988786
605605.76	5601093.34	65.33974656	54182.03	53303.39	53121.36	54037.98165	-916.6216547	-710.4516547	Varney-2018	-535.0216547
605606.32	5601093.66	65.42856291	54182.02	53303.08	53121.06	54037.98174	-916.9217407	-710.7517407	Varney-2018	-535.3217407
605606.36	5601093.79	65.44541179	54182.01	53300.09	53118.08	54037.9819	-919.901901	-713.731901	Varney-2018	-538.301901
605605.65	5601091.59	65.36101333	54181.99	53301.85	53119.86	54037.97379	-918.1137937	-711.9437937	Varney-2018	-536.5137937
605606.14	5601091.84	65.36628054	54181.97	53299.21	53117.24	54037.97567	-920.7356699	-714.5656699	Varney-2018	-539.1356699
605606.46	5601092.06	65.50782873	54181.99	53300.01	53118.02	54037.97346	-919.95346	-713.78346	Varney-2018	-538.35346
605606.82	5601092.39	65.66679533	54182.01	53300	53117.99	54037.97131	-919.9813145	-713.8113145	Varney-2018	-538.3813145
605606.33	5601090.79	65.46228241	54182.03	53300.9	53118.87	54037.96927	-919.0992702	-712.9292702	Varney-2018	-537.4992702
605607.1	5601093.45	65.78438259	54182.05	53300.91	53118.86	54037.97305	-919.1130523	-712.9430523	Varney-2018	-537.5130523
605607.39	5601094.83	65.90579849	54182.04	53301.18	53119.14	54037.976	-918.836002	-712.666002	Varney-2018	-537.236002
605607.41	5601094.94	65.91414417	54182.03	53301.4	53119.37	54037.97627	-918.6062661	-712.4362661	Varney-2018	-537.0062661
605607.43	5601095.04	65.92257369	54182.04	53301.13	53119.09	54037.97649	-918.8864875	-712.7164875	Varney-2018	-537.2864875
605607.7	5601095.75	66.04156863	54182.05	53300.45	53118.4	54037.97675	-919.5767533	-713.4067533	Varney-2018	-537.9767533
605607.04	5601092.47	65.76526117	54182.05	53300.13	53118.08	54037.96948	-919.8894768	-713.7194768	Varney-2018	-538.2894768
605607.57	5601094.65	65.98931483	54182.04	53300.58	53118.54	54037.97343	-919.4334283	-713.2634283	Varney-2018	-537.8334283
605609.31	5601098.33	66.77613077	54182.04	53300.67	53118.63	54037.97099	-919.3409926	-713.1709926	Varney-2018	-537.7409926
605610.33	5601100.28	67.25331536	54182.05	53298.69	53116.64	54037.9683	-921.3283043	-715.1583043	Varney-2018	-539.7283043
605610.24	5601100.28	67.2108462	54182.04	53298.51	53116.47	54037.96925	-921.4992463	-715.3292463	Varney-2018	-539.8992463
605610.2	5601100.37	67.1919966	54182.03	53298.96	53116.93	54037.97003	-921.040028	-714.870028	Varney-2018	-539.440028
605609.62	5601100.82	66.91758851	54182.01	53299.26	53117.25	54037.97794	-920.7279365	-714.5579365	Varney-2018	-539.1279365
605609.45	5601101.6	66.83576292	54181.99	53300.59	53118.6	54037.98291	-919.3829102	-713.2129102	Varney-2018	-537.7829102
605609.49	5601101.64	66.85471537	54181.97	53300.93	53118.96	54037.98265	-919.0226511	-712.8526511	Varney-2018	-537.4226511
605609.67	5601101.53	66.94044099	54181.94	53300.19	53118.25	54037.9803	-919.7303016	-713.5603016	Varney-2018	-538.1303016
605609.47	5601102.26	66.84415827	54181.92	53302.7	53120.78	54037.9854	-917.2053953	-711.0353953	Varney-2018	-535.6053953
605609.63	5601102.45	66.92027608	54181.89	53302.43	53120.54	54037.98447	-917.4444718	-711.2744718	Varney-2018	-535.8444718
605609.58	5601102.49	66.89633348	54181.86	53301.6	53119.74	54037.98517	-918.245166	-712.075166	Varney-2018	-536.645166
605609.44	5601102.39	66.8296116	54181.83	53302.53	53120.7	54037.98624	-917.2862449	-711.1162449	Varney-2018	-535.6862449
605609.58	5601102.81	66.89588864	54181.81	53302.36	53120.55	54037.98647	-917.4364708	-711.2664708	Varney-2018	-535.8364708
605609.74	5601103.15	66.97215685	54181.78	53300.47	53118.69	54037.98615	-919.2961494	-713.1261494	Varney-2018	-537.6961494
605609.71	5601103.33	66.95758092	54181.79	53300.52	53118.73	54037.9872	-919.2572018	-713.0872018	Varney-2018	-537.6572018
605609.72	5601103.63	66.96207847	54181.8	53301.03	53119.23	54037.98832	-918.7583151	-712.5883151	Varney-2018	-537.1583151
605609.29	5601102.43	66.75788798	54181.8	53301.78	53119.98	54037.988	-918.0080017	-711.8380017	Varney-2018	-536.4080017
605609.19	5601102.07	66.710999	54181.81	53299.75	53117.94	54037.98759	-920.0475859	-713.8775859	Varney-2018	-538.4475859
605609.19	5601101.93	66.71134107	54181.81	53300.16	53118.35	54037.98701	-919.6370112	-713.4670112	Varney-2018	-538.0370112
605609.2	5601101.94	66.71608027	54181.81	53300.7	53118.89	54037.98695	-919.0969463	-712.9269463	Varney-2018	-537.4969463
605609.3	5601102.12	66.76333019	54181.82	53299.8	53117.98	54037.98663	-920.0066252	-713.8366252	Varney-2018	-538.4066252
605609.2	5601101.93	66.71610443	54181.84	53299.35	53117.51	54037.98691	-920.4769053	-714.3069053	Varney-2018	-538.8769053
605608.54	5601098.99	66.41406725	54181.87	53299.14	53117.27	54037.98169	-920.7116853	-714.5416853	Varney-2018	-539.1116853
605608.5	5601098.71	66.39653731	54181.91	53299.83	53117.92	54037.98094	-920.060937	-713.890937	Varney-2018	-538.460937
605608.5	5601098.61	66.39696799	54181.92	53300.58	53118.66	54037.98052	-919.3205215	-713.1505215	Varney-2018	-537.7205215
605608.34	5601097.83	66.32588517	54181.93	53300.54	53118.61	54037.97893	-919.3689275	-713.1989275	Varney-2018	-537.7689275
605608.78	5601098.86	66.52694383	54181.91	53300.73	53118.82	54037.97866	-919.1586578	-712.9886578	Varney-2018	-537.5586578
605608.84	5601098.97	66.55465377	54181.88	53299.97	53118.09	54037.97849	-919.8884902	-713.7184902	Varney-2018	-538.2884902
605608.46	5601097.42	66.38352681	54181.86	53300.59	53118.73	54037.97599	-919.2459878	-713.0759878	Varney-2018	-537.6459878
605608.04	5601095.71	66.1980702	54181.83	53301.34	53119.51	54037.97314	-918.4631371	-712.2931371	Varney-2018	-536.8631371
605607.98	5601094.97	66.17472413	54181.81	53300.18	53118.37	54037.97064	-919.6006434	-713.4306434	Varney-2018	-538.0006434
605608.2	5601096.08	66.26970299	54181.79	53300.98	53119.19	54037.97306	-918.7830599	-712.6130599	Varney-2018	-537.1830599
605607.78	5601095.14	66.08215354	54181.78	53301.54	53119.76	54037.97338	-918.2133759	-712.0433759	Varney-2018	-536.6133759
605607.81	5601095.42	66.09416584	54181.77	53301.76	53119.99	54037.97425	-917.9842501	-711.8142501	Varney-2018	-536.3842501
605607.85	5601095.23	66.11366784	54181.8	53297.67	53115.87	54037.97305	-922.1030471	-715.9330471	Varney-2018	-540.5030471
605607.82	5601095.22	66.09998203	54181.84	53300.83	53118.99	54037.97331	-918.9833082	-712.8133082	Varney-2018	-537.3833082
605607.69	5601095.27	66.04008942	54181.86	53302.11	53120.25	54037.97483	-917.7248325	-711.5548325	Varney-2018	-536.1248325
605608.6	5601095.82	66.45496737	54181.88	53301.65	53119.77	54037.96791	-918.1979149	-712.0279149	Varney-2018	-536.5979149
605608.65	5601095.54	66.47905159	54181.88	53302.06	53120.18	54037.96625	-917.7862471	-711.6162471	Varney-2018	-536.1862471
605608.81	5601095.72	66.55187967	54181.88	53300.5	53118.62	54037.96537	-919.3453705	-713.1753705	Varney-2018	-537.7453705
605608.7	5601095.62	66.50170419	54181.85	53299.3	53117.45	54037.96607	-920.516072	-714.346072	Varney-2018	-538.916072
605608.67	5601095.71	66.48757906	54181.81	53300.19	53118.38	54037.96675	-919.5867488	-713.4167488	Varney-2018	-537.9867488
605607.73	5601093.06	66.07253697	54181.78	53300.13	53118.35	54037.96512	-919.6151242	-713.4451242	Varney-2018	-538.0151242
605607.58	5601092.83	66.00624178	54181.75	53300.22	53118.47	54037.96565	-919.4956459	-713.3256459	Varney-2018	-537.8956459

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605607.48	5601092.74	65.96170129	54181.71	53299.55	53117.84	54037.96626	-920.1262588	-713.9562588	Varney-2018	-538.5262588
605607.5	5601092.51	65.97234333	54181.67	53301.31	53119.64	54037.96509	-918.3250882	-712.1550882	Varney-2018	-536.7250882
605607.21	5601092.63	65.84064863	54181.66	53301.88	53120.22	54037.96847	-917.748472	-711.578472	Varney-2018	-536.148472
605606.96	5601092.1	65.73233044	54181.65	53301.31	53119.66	54037.96869	-918.3086913	-712.1386913	Varney-2018	-536.7086913
605607.02	5601091.98	65.7603142	54181.65	53301.57	53119.92	54037.96759	-918.0475871	-711.8775871	Varney-2018	-536.4475871
605607.09	5601091.86	65.79275048	54181.65	53300.66	53119.01	54037.96639	-918.9563853	-712.7863853	Varney-2018	-537.3563853
605607.36	5601092.23	65.91128582	54181.67	53301.54	53119.87	54037.96529	-918.0952895	-711.9252895	Varney-2018	-536.4952895
605608.22	5601092.82	66.29541891	54181.69	53300.88	53119.19	54037.95925	-918.7692466	-712.5992466	Varney-2018	-537.1692466
605607.23	5601091.84	65.85578489	54181.71	53297.44	53115.73	54037.96492	-922.2349194	-716.0649194	Varney-2018	-540.6349194
605606.64	5601091.47	65.59427588	54181.73	53293.18	53111.45	54037.96915	-926.5191519	-720.3491519	Varney-2018	-544.9191519
605606.21	5601090.69	65.40978141	54181.74	53312.02	53130.28	54037.97001	-907.6900128	-701.5200128	Varney-2018	-526.0900128
605606.72	5601092.2	65.62346977	54181.75	53310.45	53128.7	54037.97149	-909.2714911	-703.1014911	Varney-2018	-527.6714911
605606.83	5601093.01	65.66583465	54181.75	53302.02	53120.27	54037.97387	-917.7038657	-711.5338657	Varney-2018	-536.1038657
605606.56	5601092.89	65.54487367	54181.76	53299.28	53117.52	54037.97604	-920.456036	-714.286036	Varney-2018	-538.856036
605606.81	5601092.98	65.65705585	54181.76	53294.47	53112.71	54037.97394	-925.2639363	-719.0939363	Varney-2018	-543.6639363
605607.49	5601093.35	65.96192549	54181.75	53272.77	53091.02	54037.96874	-946.9487381	-740.7787381	Varney-2018	-565.3487381
605608.35	5601093.33	66.35174117	54181.71	53266.33	53084.62	54037.96008	-953.3400797	-747.1700797	Varney-2018	-571.7400797
605609.99	5601093.5	67.09479421	54181.67	53284.24	53102.57	54037.94442	-935.3744177	-729.2044177	Varney-2018	-553.7744177
605611.8	5601096.48	67.92947861	54181.63	53285.44	53103.81	54037.93803	-934.1280272	-727.9580272	Varney-2018	-552.5280272
605612.09	5601095.6	68.05860586	54181.59	53277.55	53095.96	54037.93164	-941.9716408	-735.8016408	Varney-2018	-560.3716408
605613.53	5601096.33	68.72668501	54181.56	53289.34	53107.78	54037.91982	-930.1398202	-723.9698202	Varney-2018	-548.5398202
605614.23	5601100.93	69.1009048	54181.52	53317.61	53136.09	54037.92991	-901.8399142	-695.6699142	Varney-2018	-520.2399142
605615.15	5601101.48	69.54415771	54181.5	53337.1	53155.6	54037.92226	-882.3222642	-676.1522642	Varney-2018	-500.7222642
605615.37	5601099.93	69.62660236	54181.47	53355.6	53174.13	54037.91427	-863.7842655	-657.6142655	Varney-2018	-482.1842655
605614.62	5601097.14	69.23930527	54181.47	53369.24	53187.77	54037.91173	-850.1417291	-643.9717291	Varney-2018	-468.5417291
605615.11	5601093.33	69.4147678	54181.46	53358.87	53177.41	54037.89269	-860.4826851	-654.3126851	Varney-2018	-478.8826851
605616.93	5601095.14	70.2728401	54181.46	53370.77	53189.31	54037.88097	-848.5709672	-642.4009672	Varney-2018	-466.9709672
605617.18	5601093.74	70.36055154	54181.45	53395.52	53214.07	54037.8735	-823.8034965	-617.6334965	Varney-2018	-442.2034965
605618.01	5601091.34	70.68625003	54181.45	53418.51	53237.06	54037.85686	-800.7968613	-594.6268613	Varney-2018	-419.1968613
605618.43	5601089.49	70.83265544	54181.44	53446.91	53265.47	54037.84636	-772.376364	-566.206364	Varney-2018	-390.776364
605619.76	5601088.5	71.3956589	54181.45	53469.61	53288.16	54037.83016	-749.6701559	-543.5001559	Varney-2018	-368.0701559
605619.84	5601088.69	71.43586465	54181.46	53490.53	53309.07	54037.83002	-728.760021	-522.590021	Varney-2018	-347.160021
605619.31	5601087.57	71.17448432	54181.46	53483.63	53302.17	54037.83134	-735.6613429	-529.4913429	Varney-2018	-354.0613429
605618.4	5601083.21	70.67851817	54181.46	53479.55	53298.09	54037.82502	-739.7350177	-533.5650177	Varney-2018	-358.1350177
605618.39	5601081.86	70.64401747	54181.45	53468.78	53287.33	54037.82046	-750.4904579	-544.3204579	Varney-2018	-368.8904579
605618.45	5601081.49	70.66099679	54181.44	53480.92	53299.48	54037.81864	-738.3386355	-532.1686355	Varney-2018	-356.7386355
605617	5601078.96	70.00317028	54181.42	53476.89	53295.47	54037.82289	-742.3528906	-536.1828906	Varney-2018	-360.7528906
605617.86	5601072.2	70.21770793	54181.39	53455.35	53273.96	54037.79165	-763.8316496	-557.6616496	Varney-2018	-382.2316496
605621.53	5601069.01	71.57268607	54181.37	53464.58	53283.21	54037.75034	-754.5403425	-548.3703425	Varney-2018	-372.9403425
605615.45	5601065.98	69.17327907	54181.35	53488.66	53307.31	54037.78928	-730.479282	-524.309282	Varney-2018	-348.879282
605615.51	5601063.38	69.15801052	54181.33	53508.82	53327.49	54037.7793	-710.2893048	-504.1193048	Varney-2018	-328.6893048
605614.23	5601060.62	68.65073653	54181.3	53519.88	53338.58	54037.77898	-699.1989848	-493.0289848	Varney-2018	-317.5989848
605615.83	5601060.27	69.22895374	54181.25	53534.55	53353.3	54037.76551	-684.4655133	-478.2955133	Varney-2018	-302.8655133
605615.48	5601059.45	69.08968811	54181.2	53573.69	53392.49	54037.76518	-645.2751766	-439.1051766	Varney-2018	-263.6751766
605616.76	5601061.7	69.59305465	54181.16	53606.97	53425.81	54037.76354	-611.9535397	-405.7835397	Varney-2018	-230.3535397
605621.43	5601076.94	71.77669576	54181.12	53633.37	53452.25	54037.77677	-585.5267656	-379.3567656	Varney-2018	-203.9267656
605621.6	5601077.28	71.85676402	54181.05	53630.69	53449.64	54037.77636	-588.136364	-381.966364	Varney-2018	-206.536364
605621.09	5601079.55	71.71518827	54180.98	53631.5	53450.52	54037.78825	-587.2682454	-381.0982454	Varney-2018	-205.6682454
605621.39	5601079.15	71.82775556	54180.96	53651.3	53470.34	54037.78426	-567.4442583	-361.2742583	Varney-2018	-185.8442583
605621.56	5601077.84	71.85771269	54180.94	53687.03	53506.09	54037.77852	-531.6885194	-325.5185194	Varney-2018	-150.0885194
605621.47	5601077.26	71.80288006	54180.92	53718.55	53537.63	54037.77745	-500.147446	-293.977446	Varney-2018	-118.547446
605620.23	5601076.69	71.27923577	54180.9	53730.01	53549.11	54037.78649	-488.6764913	-282.5064913	Varney-2018	-107.0764913
605619.39	5601075.56	70.90800477	54180.91	53738.53	53557.62	54037.79005	-480.170051	-274.000051	Varney-2018	-98.57005098
605618.72	5601075.48	70.63471035	54180.92	53758.09	53577.17	54037.7956	-460.6256037	-254.4556037	Varney-2018	-79.02560368
605618.52	5601074.85	70.53939487	54180.92	53773.43	53592.51	54037.79518	-445.2851766	-239.1151766	Varney-2018	-63.68517659
605617.24	5601074.78	70.02194377	54180.93	53789.98	53609.05	54037.806	-428.7559957	-222.5859957	Varney-2018	-47.15599569
605616.85	5601075.15	69.87151816	54180.92	53807.59	53626.67	54037.81068	-411.1406813	-204.9706813	Varney-2018	-29.54068134
605616.02	5601075.14	69.53602688	54180.91	53833.89	53652.98	54037.81784	-384.8378387	-178.6678387	Varney-2018	-3.237838696
605615.42	5601074.58	69.28558137	54180.88	53833.97	53653.09	54037.82099	-384.7309894	-178.5609894	Varney-2018	-3.130989384
605615.64	5601074.84	69.37801933	54180.84	53852.69	53671.85	54037.82004	-365.9700389	-159.8000389	Varney-2018	15.62996112
605615.53	5601076.11	69.35231154	54180.8	53853.86	53673.06	54037.82563	-364.7656267	-158.5956267	Varney-2018	16.83437334
605614.57	5601075.26	68.95169666	54180.75	53867.43	53686.68	54037.83085	-351.150851	-144.980851	Varney-2018	30.44914897
605613.1	5601072.03	68.33114539	54180.73	53875.55	53694.82	54037.83125	-343.0112475	-136.8412475	Varney-2018	38.58875246
605612.83	5601070.97	68.21650668	54180.7	53891.37	53710.67	54037.82945	-327.159452	-120.989452	Varney-2018	54.44054799

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605612.91	5601070.39	68.24351502	54180.7	53899.38	53718.68	54037.82656	-319.1465561	-112.9765561	Varney-2018	62.45344389
605612.17	5601070.57	67.95506636	54180.7	53907.29	53726.59	54037.83342	-311.2434177	-105.0734177	Varney-2018	70.35658227
605611.27	5601069.52	67.59925343	54180.7	53916.96	53736.26	54037.83677	-301.5767684	-95.40676841	Varney-2018	80.02323159
605610.58	5601068.68	67.32987428	54180.69	53932.7	53752.01	54037.83911	-285.8291053	-79.65910534	Varney-2018	95.77089466
605610.34	5601068.49	67.23697866	54180.67	53935.88	53755.21	54037.84031	-282.6303098	-76.46030976	Varney-2018	98.96969024
605610.71	5601070.3	67.38281628	54180.65	53931.38	53750.73	54037.84451	-287.1145132	-80.9445132	Varney-2018	94.4854868
605609.32	5601068.64	66.84291668	54180.63	53934.43	53753.8	54037.84928	-284.0492776	-77.87927762	Varney-2018	97.55072238
605609.03	5601068.26	66.73194387	54180.6	53942.75	53762.15	54037.85009	-275.7000913	-69.53009133	Varney-2018	105.8999087
605608.42	5601067.95	66.49824801	54180.55	53944.7	53764.15	54037.85379	-273.7037872	-67.5337872	Varney-2018	107.8962128
605608.49	5601067.66	66.52642465	54180.5	53946.12	53765.62	54037.85201	-272.2320115	-66.06201152	Varney-2018	109.3679885
605608.49	5601066.74	66.53041172	54180.49	53955.81	53775.32	54037.84819	-262.5281884	-56.35818841	Varney-2018	119.0718116
605608	5601065.34	66.35149386	54180.47	53954.6	53774.13	54037.84627	-263.716273	-57.54627297	Varney-2018	117.883727
605608.05	5601061.38	66.39223717	54180.48	53953.46	53772.98	54037.82929	-264.8492939	-58.67929391	Varney-2018	116.7507061
605608.4	5601061.31	66.52094677	54180.49	53955.53	53775.04	54037.82631	-262.7863145	-56.61631451	Varney-2018	118.8136855
605608.52	5601060.28	66.56932359	54180.5	53957.65	53777.15	54037.82112	-260.6711155	-54.50111547	Varney-2018	120.9288845
605608.99	5601059.34	66.74314023	54180.51	53959.35	53778.84	54037.81367	-258.9736703	-52.80367029	Varney-2018	122.6263297
605608.69	5601058.55	66.63774208	54180.5	53951.33	53770.83	54037.81266	-266.9826589	-60.81265891	Varney-2018	114.6173411
605609.55	5601060.42	66.94388898	54180.49	53945.39	53764.9	54037.81386	-272.9138572	-66.74385722	Varney-2018	108.6861428
605609.67	5601060.54	66.98745938	54180.48	53943.98	53763.5	54037.81343	-274.3134324	-68.14343238	Varney-2018	107.2865676
605609.63	5601060.18	66.9733289	54180.46	53936.14	53755.68	54037.81227	-282.1322706	-75.96227058	Varney-2018	99.46772942
605609.57	5601059.53	66.9524349	54180.44	53919.96	53739.52	54037.81008	-298.2900754	-92.12007542	Varney-2018	83.30992458
605609.5	5601058.68	66.92847203	54180.41	53911.69	53731.28	54037.80713	-306.527133	-100.357133	Varney-2018	75.07286696
605609.1	5601057.36	66.7882042	54180.41	53904.75	53724.34	54037.8047	-313.4647001	-107.2947001	Varney-2018	68.13529993
605608.86	5601056.33	66.70620601	54180.4	53896.22	53715.82	54037.80222	-321.9822213	-115.8122213	Varney-2018	59.61777874
605608.67	5601053.98	66.64814225	54180.38	53894.11	53713.73	54037.79388	-324.0638765	-117.8938765	Varney-2018	57.53612355
605609.51	5601053.09	66.94089491	54180.36	53883.81	53703.45	54037.78424	-334.3342371	-128.1642371	Varney-2018	47.26576289
605610.67	5601052.92	67.34017934	54180.35	53881.96	53701.61	54037.77534	-336.1653373	-129.9953373	Varney-2018	45.43466271
605611.55	5601053.23	67.64409942	54180.34	53884.04	53703.7	54037.77033	-334.0703325	-127.9003325	Varney-2018	47.52966755
605610.47	5601053.44	67.27191045	54180.34	53879.58	53699.24	54037.77884	-338.5388392	-132.3688392	Varney-2018	43.0611608
605609.77	5601053.93	67.0297122	54180.33	53885.26	53704.93	54037.78581	-332.8558083	-126.6858083	Varney-2018	48.74419165
605610.83	5601054.06	67.39747963	54180.34	53874.43	53694.09	54037.77875	-343.6887517	-137.5187517	Varney-2018	37.91124834
605610.71	5601054.55	67.35664684	54180.36	53886.65	53706.29	54037.78157	-331.4915686	-125.3215686	Varney-2018	50.10843138
605612.09	5601053.4	67.83121634	54180.39	53891.1	53710.71	54037.76716	-327.0571631	-120.8871631	Varney-2018	54.54283689
605611.66	5601049.92	67.66803746	54180.42	53896.09	53715.67	54037.75655	-322.0865488	-115.9165488	Varney-2018	59.51345121
605612.48	5601049.79	67.94261959	54180.43	53898.64	53718.21	54037.75042	-319.5404214	-113.3704214	Varney-2018	62.05957865
605613.39	5601051.12	68.2597845	54180.44	53914.79	53734.35	54037.74925	-303.3992481	-97.22924808	Varney-2018	78.20075192
605613.41	5601050.92	68.26477623	54180.44	53925.32	53744.88	54037.74835	-292.8683486	-86.69834857	Varney-2018	88.73165143
605614.86	5601050.93	68.75584314	54180.45	53940.55	53760.1	54037.73834	-277.6383361	-71.46833612	Varney-2018	103.9616639
605616.09	5601049.97	69.15678426	54180.43	53946.24	53765.81	54037.72634	-271.916344	-65.74634398	Varney-2018	109.683656
605617.91	5601051.46	69.79977477	54180.41	53957.35	53776.94	54037.71904	-260.7790401	-54.60904015	Varney-2018	120.8209599
605619.23	5601050.25	70.21877135	54180.4	53968.19	53787.79	54037.70574	-249.9157436	-43.74574356	Varney-2018	131.6842564
605619.53	5601048.81	70.28310956	54180.38	53971.56	53791.18	54037.69883	-246.5188339	-40.3488339	Varney-2018	135.0811661
605622.29	5601055.82	71.43272856	54180.39	53967.96	53787.57	54037.70232	-250.1323213	-43.96232128	Varney-2018	131.4676787
605623.42	5601058.3	71.91952067	54180.41	53967.12	53786.71	54037.70175	-250.9917455	-44.82174551	Varney-2018	130.6082545
605623.67	5601058.87	72.03004473	54180.42	53963.6	53783.18	54037.70163	-254.5216293	-48.3516293	Varney-2018	127.0783707
605623.81	5601059.21	72.09304482	54180.44	53964.18	53783.74	54037.70162	-253.9616189	-47.7916189	Varney-2018	127.6383811
605624.48	5601059.09	72.33023022	54180.45	53964.7	53784.25	54037.69622	-253.4462162	-47.27621619	Varney-2018	128.1537838
605624.55	5601058.63	72.33751775	54180.46	53966.59	53786.13	54037.69431	-251.5643079	-45.39430787	Varney-2018	130.0356921
605625.02	5601058.12	72.48587898	54180.46	53968.78	53788.32	54037.68928	-249.3692756	-43.19927555	Varney-2018	132.2307244
605625.89	5601058.93	72.83191033	54180.47	53975.58	53795.11	54037.68515	-242.5751531	-36.40515311	Varney-2018	139.0248469
605625.75	5601058.97	72.78317209	54180.46	53969.4	53788.94	54037.68632	-248.7463205	-42.57632051	Varney-2018	132.8536795
605625.95	5601059.25	72.8672249	54180.45	53979.74	53799.29	54037.68563	-238.3956323	-32.22563225	Varney-2018	143.2043677
605626.53	5601058.86	73.0593377	54180.45	53982.16	53801.71	54037.68015	-235.9701497	-29.80014975	Varney-2018	145.6298503
605626.4	5601058.41	72.99271972	54180.46	53977.83	53797.37	54037.67983	-240.3098322	-34.13983221	Varney-2018	141.2901678
605627.36	5601057.66	73.30220318	54180.46	53977.23	53796.77	54037.67056	-240.900561	-34.73056099	Varney-2018	140.699439
605627.75	5601059.21	73.51525103	54180.46	53976.59	53796.13	54037.67197	-241.5419716	-35.37197164	Varney-2018	140.0580284
605627.82	5601057.97	73.48116136	54180.45	53984.93	53804.48	54037.66801	-233.1880096	-27.01800956	Varney-2018	148.4119904
605628.13	5601057.74	73.58082035	54180.44	53980.37	53799.93	54037.66507	-237.7350724	-31.56507236	Varney-2018	143.8649276
605628.89	5601057.94	73.86228912	54180.41	53984.49	53804.08	54037.65997	-233.5799724	-27.40997241	Varney-2018	148.0200276
605629.71	5601057.74	74.14487429	54180.38	53987.17	53806.79	54037.65335	-230.8633498	-24.69334979	Varney-2018	150.7366502
605629.38	5601056.06	73.93956826	54180.37	53993.56	53813.19	54037.65133	-224.4613316	-18.29133161	Varney-2018	157.1386684
605629.89	5601056.78	74.15781293	54180.35	53987.59	53807.24	54037.6495	-230.4094971	-24.23949707	Varney-2018	151.1905029
605630.05	5601056.5	74.19942799	54180.34	53987.92	53807.58	54037.64759	-230.06759	-23.89758999	Varney-2018	151.53241
605630.09	5601055.88	74.18009442	54180.32	53996.06	53815.74	54037.64568	-221.9056799	-15.73567994	Varney-2018	159.6943201

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605630.16	5601055.88	74.20473254	54180.33	53992.32	53811.99	54037.64517	-225.6551699	-19.48516992	Varney-2018	155.9448301
605630.14	5601055.71	74.18849026	54180.34	53985.74	53805.4	54037.64487	-232.2448729	-26.07487292	Varney-2018	149.3551271
605631.1	5601056.21	74.55430703	54180.35	53981.7	53801.35	54037.63916	-236.2891577	-30.1191577	Varney-2018	145.3108423
605631.43	5601057.29	74.73297961	54180.36	53975.11	53794.75	54037.63946	-242.8894582	-36.71945821	Varney-2018	138.7105418
605633.64	5601062.43	75.84608879	54180.36	53963.2	53782.84	54037.63523	-254.7952292	-48.62522922	Varney-2018	126.8047708
605633.87	5601061.03	75.84122068	54180.36	53962.49	53782.13	54037.63017	-255.5001738	-49.33017378	Varney-2018	126.0998262
605633.66	5601061.03	75.76438564	54180.36	53959.48	53779.12	54037.63178	-258.5117814	-52.34178135	Varney-2018	123.0882186
605633.71	5601060.3	75.73612373	54180.36	53959.22	53778.86	54037.62968	-258.7696843	-52.59968427	Varney-2018	122.8303157
605634.08	5601060.34	75.87336129	54180.36	53956.14	53775.78	54037.62696	-261.8469641	-55.67696412	Varney-2018	119.7530359
605634.75	5601061.26	76.17851038	54180.35	53958.83	53778.48	54037.62396	-259.1439603	-52.97396028	Varney-2018	122.4560397
605635.78	5601062.91	76.67046087	54180.33	53956	53775.67	54037.61969	-261.9496887	-55.77968865	Varney-2018	119.6503113
605636.17	5601062.98	76.8200639	54180.31	53940.58	53760.27	54037.6168	-277.3468027	-71.17680268	Varney-2018	104.2531973
605636.3	5601062.42	76.82868193	54180.29	53924.84	53744.55	54037.61458	-293.0645782	-86.89457818	Varney-2018	88.53542182
605637.42	5601063.24	77.3031846	54180.27	53914.16	53733.89	54037.6076	-303.7176006	-97.5476006	Varney-2018	77.8823994
605637.63	5601062.92	77.35747726	54180.26	53916.14	53735.88	54037.6053	-301.7252982	-95.55529818	Varney-2018	79.87470182
605637.88	5601063.68	77.50725154	54180.25	53910.85	53730.6	54037.60491	-307.0049082	-100.8349082	Varney-2018	74.59509177
605637.83	5601062.39	77.39197637	54180.24	53911.49	53731.25	54037.60265	-306.3526519	-100.1826519	Varney-2018	75.2473481
605637.81	5601061.47	77.31572535	54180.23	53911.51	53731.28	54037.60092	-306.3209167	-100.1509167	Varney-2018	75.27908328
605637.83	5601060.66	77.2623963	54180.23	53911.91	53731.68	54037.5991	-305.9190999	-99.74909992	Varney-2018	75.68090008
605637.59	5601060.49	77.16220153	54180.24	53911.66	53731.42	54037.60058	-306.1805788	-100.0105788	Varney-2018	75.41942118
605638.27	5601059.89	77.36435502	54180.25	53920.91	53740.66	54037.59419	-296.9341867	-90.76418668	Varney-2018	84.66581332
605639.64	5601063.05	78.11353031	54180.27	53925.61	53745.34	54037.58989	-292.2498893	-86.07988927	Varney-2018	89.35011073
605640.66	5601063.91	78.56328162	54180.27	53913.04	53732.77	54037.58352	-304.8135248	-98.64352475	Varney-2018	76.78647525
605641.42	5601063.67	78.82695909	54180.26	53901.22	53720.96	54037.57712	-316.617119	-110.447119	Varney-2018	64.98288098
605641.48	5601062.76	78.77220908	54180.25	53897.35	53717.1	54037.57502	-320.475018	-114.305018	Varney-2018	61.12498201
605638.65	5601054.87	77.11509631	54180.24	53902.14	53721.9	54037.5813	-315.6812968	-109.5112968	Varney-2018	65.91870318
605638.59	5601054.86	77.09337204	54180.22	53895.54	53715.32	54037.58171	-322.2617097	-116.0917097	Varney-2018	59.33829034
605638.75	5601053.73	77.06180045	54180.2	53899.91	53719.71	54037.57831	-317.86831	-111.69831	Varney-2018	63.73169002
605639.63	5601052.21	77.24518767	54180.18	53915.08	53734.9	54037.56911	-302.669109	-96.49910903	Varney-2018	78.93089097
605639.43	5601052.8	77.22351671	54180.16	53925.77	53745.61	54037.57166	-291.9616574	-85.79165738	Varney-2018	89.63834262
605638.36	5601053.1	76.87870556	54180.15	53925.5	53745.35	54037.57982	-292.2298219	-86.05982189	Varney-2018	89.37017811
605637.43	5601052.55	76.51775091	54180.13	53923.55	53743.42	54037.58527	-294.1652677	-87.99526766	Varney-2018	87.43473234
605636.99	5601052.38	76.35449203	54180.13	53919.72	53739.59	54037.58801	-297.9980093	-91.82800927	Varney-2018	83.60199073
605636.77	5601052.78	76.30795307	54180.12	53918.64	53738.52	54037.59041	-299.0704087	-92.90040868	Varney-2018	82.52959132
605637	5601052.86	76.39279417	54180.11	53920.94	53740.83	54037.58895	-296.758953	-90.58895299	Varney-2018	84.84104701
605636.51	5601052.75	76.21647665	54180.1	53921.63	53741.53	54037.59218	-296.0621809	-89.89218087	Varney-2018	85.53781913
605635.17	5601052.86	75.76360861	54180.11	53921.51	53741.4	54037.60189	-296.2018905	-90.03189048	Varney-2018	85.39810952
605635.32	5601052.83	75.8131375	54180.12	53922.18	53742.06	54037.60076	-295.540763	-89.37076304	Varney-2018	86.05923696
605635.44	5601053.45	75.8968232	54180.12	53919.93	53739.81	54037.60129	-297.7912941	-91.62129409	Varney-2018	83.80870591
605635.05	5601051.67	75.64215155	54180.11	53918.12	53738.01	54037.60006	-299.5900585	-93.4200585	Varney-2018	82.0099415
605635.1	5601051.52	75.64905236	54180.11	53917.58	53737.47	54037.59937	-300.129372	-93.95937196	Varney-2018	81.47062804
605635.46	5601051.41	75.76398865	54180.12	53917.28	53737.16	54037.59662	-300.4366169	-94.26661692	Varney-2018	81.16338308
605635.68	5601051.79	75.86502324	54180.13	53917.29	53737.16	54037.59592	-300.4359232	-94.2659232	Varney-2018	81.1640768
605635.9	5601052.01	75.95535902	54180.14	53917.29	53737.15	54037.59487	-300.4448669	-94.27486687	Varney-2018	81.15513313
605636.57	5601053.33	76.27855729	54180.14	53917.38	53737.24	54037.593	-300.3530004	-94.18300038	Varney-2018	81.24699962
605637.24	5601053.97	76.55668265	54180.14	53917.25	53737.11	54037.58958	-300.4795822	-94.30958223	Varney-2018	81.12041777
605637.77	5601054.55	76.7838436	54180.1	53917.23	53737.13	54037.58699	-300.4569865	-94.28698648	Varney-2018	81.14301352
605638.14	5601055.02	76.94834198	54180.06	53917.07	53737.01	54037.58528	-300.5752805	-94.40528045	Varney-2018	81.02471955
605638.43	5601055.46	77.08341037	54180.05	53916.88	53736.83	54037.58407	-300.7540698	-94.58406984	Varney-2018	80.84593016
605638.71	5601055.09	77.15305226	54180.04	53919.14	53739.1	54037.5813	-298.4813018	-92.31130183	Varney-2018	83.11869817
605638.68	5601053.59	77.02676115	54180.03	53932.69	53752.66	54037.57853	-284.9185303	-78.7485303	Varney-2018	96.6814697
605638.94	5601054.04	77.15172096	54180.02	53946.47	53766.45	54037.57757	-271.1275667	-64.95756673	Varney-2018	110.4724333
605639.09	5601054.6	77.24762208	54180.04	53946	53765.96	54037.57759	-271.6175928	-65.44759281	Varney-2018	109.9824072
605639.75	5601054.98	77.50807586	54180.06	53967.59	53787.53	54037.57357	-250.0435725	-43.87357247	Varney-2018	131.5564275
605640.1	5601055.73	77.69118984	54180.06	53969.72	53789.66	54037.57246	-247.9124628	-41.74246281	Varney-2018	133.6875372
605640.27	5601054.78	77.67353972	54180.06	53963.89	53783.83	54037.56944	-253.7394416	-47.56944158	Varney-2018	127.8605584
605641.26	5601051.8	77.76824092	54180.03	53973.6	53793.57	54037.55692	-243.9869203	-37.81692035	Varney-2018	137.6130797
605641.88	5601050.48	77.86632504	54180	53963.31	53783.31	54037.55026	-254.2402571	-48.07025711	Varney-2018	127.3597429
605641.42	5601049.51	77.62906671	54180	53968.95	53788.95	54037.55169	-248.6016886	-42.43168865	Varney-2018	132.9983114
605640.86	5601045.23	77.08599335	54179.99	53965.66	53785.67	54037.54765	-251.8776548	-45.70765484	Varney-2018	129.7223452
605639.58	5601047.11	76.8219827	54179.97	53956.87	53776.9	54037.55963	-260.6596285	-54.48962845	Varney-2018	120.9403715
605640.73	5601046.77	77.17138544	54179.94	53946.51	53766.57	54037.55134	-270.9813447	-64.81134472	Varney-2018	110.6186553
605640.93	5601048.7	77.39757765	54179.94	53945.02	53765.08	54037.55355	-272.473552	-66.30355201	Varney-2018	109.126448
605642.1	5601048.7	77.78669948	54179.95	53947.25	53767.3	54037.54563	-270.2456293	-64.07562926	Varney-2018	111.3543707

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605641.3	5601047.81	77.44563044	54179.95	53942.94	53762.99	54037.54944	-274.5594405	-68.38944048	Varney-2018	107.0405595
605642.05	5601047.38	77.65615659	54179.96	53938.01	53758.05	54037.54366	-279.4936568	-73.32365678	Varney-2018	102.1063432
605641.71	5601046.18	77.44183437	54179.94	53943.87	53763.93	54037.5438	-273.6137968	-67.44379675	Varney-2018	107.9862032
605641.77	5601046.19	77.46223643	54179.91	53941.95	53762.04	54037.54342	-275.503419	-69.333419	Varney-2018	106.096581
605642.55	5601046.23	77.71986969	54179.9	53939.68	53759.78	54037.53835	-277.7583461	-71.58834605	Varney-2018	103.8416539
605643.22	5601045.6	77.88187238	54179.89	53945.39	53765.5	54037.53288	-272.0328775	-65.86287748	Varney-2018	109.5671225
605643.04	5601043.75	77.65891642	54179.89	53946.05	53766.16	54037.53095	-271.3709486	-65.20094862	Varney-2018	110.2290514
605643.4	5601043	77.70637567	54179.88	53951.9	53772.02	54037.5274	-265.507398	-59.33739799	Varney-2018	116.092602
605642.96	5601041.11	77.39906382	54179.87	53950.91	53771.04	54037.52701	-266.487012	-60.31701197	Varney-2018	115.112988
605643.73	5601040.68	77.60031026	54179.86	53955.68	53775.82	54037.52152	-261.7015155	-55.53151554	Varney-2018	119.8984845
605644.76	5601041.18	77.9673704	54179.86	53966.44	53786.58	54037.51591	-250.935911	-44.76591105	Varney-2018	130.664089
605643.94	5601039.85	77.61178075	54179.87	53969.65	53789.78	54037.51829	-247.7382886	-41.56828862	Varney-2018	133.8617114
605643.36	5601039.34	77.40361892	54179.88	53971.9	53792.02	54037.52056	-245.5005604	-39.33056044	Varney-2018	136.0994396
605642.61	5601035.55	76.96355412	54179.9	53978.77	53798.87	54037.51538	-238.6453833	-32.47538326	Varney-2018	142.9546167
605642.62	5601034.38	76.90208806	54179.91	53981.68	53801.77	54037.51231	-235.7423072	-29.57230719	Varney-2018	145.8576928
605642.12	5601033.1	76.68300233	54179.92	53973.88	53793.96	54037.51192	-243.5519218	-37.38192182	Varney-2018	138.0480782
605642.31	5601030.5	76.59761146	54179.92	53968.53	53788.61	54037.50407	-248.894072	-42.72407201	Varney-2018	132.705928
605642.24	5601029.45	76.51999628	54179.91	53964	53784.09	54037.50175	-253.4117451	-47.24174506	Varney-2018	128.1882549
605642.57	5601030.3	76.66262924	54179.87	53957.6	53777.73	54037.50207	-259.7720725	-53.60207252	Varney-2018	121.8279275
605643.26	5601028.69	76.77354152	54179.83	53951.37	53771.54	54037.49404	-265.9540408	-59.7840408	Varney-2018	115.6459592
605644.4	5601027.27	77.02032581	54179.78	53950.19	53770.41	54037.4841	-267.0740955	-60.90409548	Varney-2018	114.5259045
605644.66	5601023.94	76.89905105	54179.73	53936.07	53756.34	54037.47439	-281.1343918	-74.96439182	Varney-2018	100.4656082
605644.98	5601023.47	76.96092455	54179.71	53923.25	53743.54	54037.47151	-293.931508	-87.76150796	Varney-2018	87.66849204
605646.82	5601024.51	77.54078448	54179.68	53916.68	53737	54037.4641	-300.464102	-94.29410201	Varney-2018	81.13589799
605647.64	5601025.4	77.82879518	54179.66	53907.34	53727.68	54037.46174	-309.7817397	-103.6117397	Varney-2018	71.81826031
605647.23	5601024.44	77.65179374	54179.64	53895.01	53715.37	54037.46172	-322.0917154	-115.9217154	Varney-2018	59.50828457
605646.81	5601024.61	77.54423593	54179.65	53892.41	53712.76	54037.46439	-324.704394	-118.534394	Varney-2018	56.89560603
605646.53	5601024.47	77.45663844	54179.66	53892.28	53712.62	54037.46558	-324.8455777	-118.6755777	Varney-2018	56.75442229
605646.14	5601025.21	77.39233214	54179.67	53894.87	53715.2	54037.46947	-322.2694734	-116.0994734	Varney-2018	59.33052662
605644.05	5601020.71	76.54156552	54179.68	53898.38	53718.7	54037.46957	-318.7695736	-112.5995736	Varney-2018	62.8304264
605644.6	5601020.6	76.68620993	54179.67	53885.59	53705.92	54037.46642	-331.5464204	-125.3764204	Varney-2018	50.05357965
605644.28	5601019.88	76.55652344	54179.66	53876.71	53697.05	54037.4663	-340.4162952	-134.2462952	Varney-2018	41.18370483
605643.7	5601015.36	76.14013519	54179.64	53877.72	53698.08	54037.45789	-339.377889	-133.207889	Varney-2018	42.22211102
605643.3	5601013.73	75.94227331	54179.62	53869.04	53689.42	54037.45573	-348.0357315	-141.8657315	Varney-2018	33.56426851
605642.87	5601013.07	75.79288509	54179.6	53862.71	53683.11	54037.45615	-354.3461457	-148.1761457	Varney-2018	27.25385433
605642.62	5601012.38	75.68962265	54179.57	53862.63	53683.06	54037.45558	-354.3955843	-148.2255843	Varney-2018	27.20441571
605642.65	5601011.75	75.6626588	54179.56	53863.36	53683.8	54037.45382	-353.6538157	-147.4838157	Varney-2018	27.94618429
605642.55	5601011.38	75.61645822	54179.55	53858.43	53678.88	54037.45334	-358.5733412	-152.4033412	Varney-2018	23.02665876
605642.87	5601010.62	75.65675528	54179.55	53860.78	53681.23	54037.44986	-356.2198581	-150.0498581	Varney-2018	25.38014192
605643.18	5601009.73	75.68632721	54179.55	53859.13	53679.58	54037.44611	-357.8661137	-151.6961137	Varney-2018	23.73388633
605644	5601009.16	75.86252294	54179.55	53854.1	53674.55	54037.44082	-362.8908189	-156.7208189	Varney-2018	18.70918114
605643.94	5601008.19	75.79152066	54179.54	53852.58	53673.04	54037.43866	-364.3986602	-158.2286602	Varney-2018	17.20133981
605646.01	5601005.31	76.1370987	54179.53	53847.63	53668.1	54037.4221	-369.3221034	-163.1521034	Varney-2018	12.27789662
605647.58	5601009.16	76.77143082	54179.52	53839.49	53659.97	54037.42405	-377.4540521	-171.2840521	Varney-2018	4.145947938
605647.65	5601008.67	76.7577503	54179.51	53833.76	53654.25	54037.42258	-383.1725788	-177.0025788	Varney-2018	-1.572578841
605648.13	5601007.95	76.83235114	54179.49	53829.57	53650.08	54037.41868	-387.3386756	-181.1686756	Varney-2018	-5.73867558
605649.56	5601008.62	77.23759983	54179.48	53823.53	53644.05	54037.41357	-393.3635659	-187.1935659	Varney-2018	-11.76356593
605649.99	5601009.43	77.40176441	54179.46	53823.33	53643.87	54037.41337	-393.5433658	-187.3733658	Varney-2018	-11.94336578
605650.07	5601007.28	77.2747197	54179.45	53827.38	53647.93	54037.40821	-389.4782135	-183.3082135	Varney-2018	-7.878213546
605650.35	5601005.34	77.21087956	54179.43	53836.48	53657.05	54037.40264	-380.3526434	-174.1826434	Varney-2018	1.247356603
605650.21	5601004.25	77.10129978	54179.43	53843.82	53664.39	54037.40086	-373.0108592	-166.8408592	Varney-2018	8.589140812
605650.19	5601003.74	77.0613255	54179.44	53849.72	53670.28	54037.39982	-367.119818	-160.949818	Varney-2018	14.48018196
605650.7	5600996.57	76.68612423	54179.42	53854.08	53674.66	54037.38185	-362.7218488	-156.5518488	Varney-2018	18.87815117
605650.85	5600994.82	76.59836377	54179.4	53855.01	53675.61	54037.37741	-361.7674142	-155.5974142	Varney-2018	19.83258583
605651.76	5600994.06	76.75143146	54179.39	53850.59	53671.2	54037.37215	-366.17215	-160.00215	Varney-2018	15.42784996
605652.39	5600993.56	76.85784175	54179.37	53842.72	53663.35	54037.3686	-374.0185996	-167.8485996	Varney-2018	7.581400365
605652.44	5600991.69	76.7329322	54179.37	53846.63	53667.26	54037.36446	-370.1044605	-163.9344605	Varney-2018	11.49553952
605653.07	5600990.69	76.79905012	54179.37	53827.59	53648.22	54037.35996	-389.1399588	-182.9699588	Varney-2018	-7.539958824
605653.62	5600988.08	76.72470619	54179.37	53810.07	53630.7	54037.35251	-406.6525143	-200.4825143	Varney-2018	-25.05251435
605653.56	5600986.34	76.58151073	54179.37	53791.02	53611.65	54037.34916	-425.6991598	-219.5291598	Varney-2018	-44.09915982
605654.84	5600986.05	76.83139743	54179.4	53780.5	53601.1	54037.34399	-436.2439855	-230.0739855	Varney-2018	-54.64398546
605655.34	5600985.32	76.88050125	54179.43	53774.7	53595.27	54037.34076	-442.0707593	-235.9007593	Varney-2018	-60.47075934
605654.71	5600984.53	76.68688242	54179.44	53763.32	53583.88	54037.34141	-453.4614112	-247.2914112	Varney-2018	-71.86141119
605656.16	5600986.03	77.10988801	54179.46	53765.75	53586.29	54037.33923	-451.0492252	-244.8792252	Varney-2018	-69.44922524

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605656.98	5600985.45	77.23685412	54179.45	53764.82	53585.37	54037.3352	-451.9651962	-245.7951962	Varney-2018	-70.36519621
605658.11	5600984.42	77.38984173	54179.43	53759.8	53580.37	54037.32929	-456.9592948	-250.7892948	Varney-2018	-75.35929485
605659.04	5600982.73	77.44122257	54179.4	53760	53580.6	54037.32301	-456.723012	-250.553012	Varney-2018	-75.12301199
605658.78	5600981.6	77.29238444	54179.36	53761.97	53582.61	54037.32186	-454.7118614	-248.5418614	Varney-2018	-73.11186141
605658.81	5600982.1	77.34067247	54179.35	53764.1	53584.75	54037.32266	-452.5726621	-246.4026621	Varney-2018	-70.97266211
605658.81	5600982.53	77.37693303	54179.34	53762.74	53583.4	54037.32344	-453.9234375	-247.7534375	Varney-2018	-72.3234375
605658.71	5600983.31	77.42198414	54179.32	53762.57	53583.25	54037.32519	-454.0751886	-247.9051886	Varney-2018	-72.47518859
605659.68	5600983.83	77.66767193	54179.3	53755.8	53576.5	54037.32276	-460.8227622	-254.6527622	Varney-2018	-79.22276218
605659.18	5600980.24	77.25845301	54179.3	53748.05	53568.75	54037.31809	-468.5680875	-262.3980875	Varney-2018	-86.96808755
605660.75	5600981.47	77.68314809	54179.3	53745.48	53566.18	54037.31501	-471.1350121	-264.9650121	Varney-2018	-89.53501214
605661.79	5600984.11	78.13204249	54179.3	53751.22	53571.92	54037.3159	-465.395904	-259.225904	Varney-2018	-83.79590397
605662.48	5600984.31	78.29422309	54179.31	53758.3	53578.99	54037.31383	-458.3238254	-252.1538254	Varney-2018	-76.72382544
605663.62	5600985.07	78.60321719	54179.31	53758.61	53579.3	54037.31104	-458.0110381	-251.8410381	Varney-2018	-76.41103806
605664.24	5600985.4	78.76473555	54179.3	53761.59	53582.29	54037.30936	-455.0193587	-248.8493587	Varney-2018	-73.41935869
605665.63	5600985.55	79.07253449	54179.28	53771.76	53592.48	54037.30465	-444.8246514	-238.6546514	Varney-2018	-63.22465143
605665.64	5600984.65	78.98766085	54179.26	53770.6	53591.34	54037.30329	-445.9632873	-239.7932873	Varney-2018	-64.36328731
605666.41	5600985.48	79.23047055	54179.26	53782.51	53603.25	54037.30178	-434.0517793	-227.8817793	Varney-2018	-52.45177929
605666.39	5600985.81	79.25858911	54179.26	53781.25	53601.99	54037.30233	-435.3123256	-229.1423256	Varney-2018	-53.71232558
605666.34	5600986.11	79.27737604	54179.25	53781.86	53602.61	54037.30294	-434.6929367	-228.5229367	Varney-2018	-53.09293667
605666.57	5600984.77	79.1944411	54179.23	53781.85	53602.62	54037.30019	-434.6801948	-228.5101948	Varney-2018	-53.08019485
605667.14	5600985.59	79.39554266	54179.25	53783.16	53603.91	54037.29934	-433.3893425	-227.2193425	Varney-2018	-51.78934249
605667.57	5600986.09	79.53649154	54179.28	53787.05	53607.77	54037.29851	-429.5285058	-223.3585058	Varney-2018	-47.92850575
605668.01	5600985.98	79.61878168	54179.32	53784.75	53605.43	54037.29678	-431.8667811	-225.6967811	Varney-2018	-50.26678113
605668.62	5600985.97	79.74711592	54179.36	53784.09	53604.73	54037.29459	-432.5645879	-226.3945879	Varney-2018	-50.96458788
605669.57	5600986.42	79.99523705	54179.36	53784.41	53605.05	54037.29177	-432.241773	-226.071773	Varney-2018	-50.64177299
605671.51	5600988.25	80.60442375	54179.36	53792.16	53612.8	54037.28699	-424.4869864	-218.3169864	Varney-2018	-42.88698637
605673.28	5600985.97	80.73521567	54179.36	53789.94	53610.58	54037.27794	-426.6979369	-220.5279369	Varney-2018	-45.09793691
605674.4	5600985.49	80.91871855	54179.36	53778.78	53599.42	54037.27343	-437.8534277	-231.6834277	Varney-2018	-56.25342771
605675.18	5600985.13	81.04244108	54179.34	53780.81	53601.47	54037.27029	-435.8002916	-229.6302916	Varney-2018	-54.20029156
605677.82	5600987.01	81.8212464	54179.32	53788.07	53608.75	54037.26264	-428.5126435	-222.3426435	Varney-2018	-46.91264347
605678.09	5600985.37	81.68365064	54179.31	53791.88	53612.57	54037.26022	-424.6902219	-218.5202219	Varney-2018	-43.09022189
605679.47	5600985.67	82.01125209	54179.3	53794.53	53615.23	54037.25557	-422.0255748	-215.8555748	Varney-2018	-40.42557476
605680.63	5600986.13	82.31349135	54179.29	53787.84	53608.55	54037.2518	-428.7017954	-222.5317954	Varney-2018	-47.10179545
605681.45	5600985.78	82.44378647	54179.27	53793.75	53614.48	54037.24861	-422.7686074	-216.5986074	Varney-2018	-41.16860743
605681.98	5600985.13	82.47399608	54179.28	53794.72	53615.44	54037.24627	-421.8062675	-215.6362675	Varney-2018	-40.20626746
605682.34	5600984.44	82.45781056	54179.29	53795.99	53616.7	54037.24465	-420.5446479	-214.3746479	Varney-2018	-38.94464787
605683.16	5600983.23	82.46547696	54179.3	53791.71	53612.41	54037.24124	-424.8312386	-218.6612386	Varney-2018	-43.23123859
605684.67	5600981.63	82.55774907	54179.31	53785.54	53606.23	54037.23543	-431.0054251	-224.8354251	Varney-2018	-49.40542506
605686.09	5600982.58	82.95599897	54179.31	53787.9	53608.59	54037.23161	-428.641612	-222.471612	Varney-2018	-47.04161195
605686.4	5600981.94	82.93496422	54179.32	53785.52	53606.2	54037.23022	-431.0302204	-224.8602204	Varney-2018	-49.43022043
605686.88	5600981.37	82.95590841	54179.3	53782.26	53602.96	54037.22835	-434.2683469	-228.0983469	Varney-2018	-52.6683469
605686.51	5600977.37	82.37336181	54179.28	53779.22	53599.94	54037.22688	-437.2868814	-231.1168814	Varney-2018	-55.6868814
605686.17	5600977.02	82.26283419	54179.25	53780.24	53600.99	54037.2277	-436.2377018	-230.0677018	Varney-2018	-54.63770182
605686.08	5600977.22	82.27088855	54179.22	53780.3	53601.08	54037.22811	-436.1481115	-229.9781115	Varney-2018	-54.5481115
605686.16	5600977.22	82.28639271	54179.19	53780.34	53601.15	54037.22786	-436.0778644	-229.9078644	Varney-2018	-54.47786435
605686.76	5600976.45	82.30436958	54179.16	53775.28	53596.12	54037.22551	-441.1055078	-234.9355078	Varney-2018	-59.50550776
605687.85	5600976.61	82.53583179	54179.16	53775.75	53596.59	54037.22225	-440.6322505	-234.4622505	Varney-2018	-59.03225047
605688.78	5600976.77	82.73641783	54179.16	53778.45	53599.29	54037.21948	-437.929484	-231.759484	Varney-2018	-56.32948397
605690.35	5600978.22	83.22721818	54179.16	53779.03	53599.87	54037.21554	-437.3455435	-231.1755435	Varney-2018	-55.74554348
605690.61	5600977.31	83.16041036	54179.17	53784.02	53604.85	54037.21417	-432.3641728	-226.1941728	Varney-2018	-50.76417282
605689.69	5600976.71	82.90493375	54179.18	53792.91	53613.73	54037.21664	-423.4866384	-217.3166384	Varney-2018	-41.88663837
605689.47	5600975.22	82.67083935	54179.19	53798.3	53619.11	54037.21638	-418.1063774	-211.9363774	Varney-2018	-36.50637738
605688.78	5600973.73	82.346379	54179.17	53799.22	53620.05	54037.21755	-417.1675492	-210.9975492	Varney-2018	-35.56754922
605687.96	5600973.92	82.21268855	54179.14	53806.1	53626.96	54037.22018	-410.2601808	-204.0901808	Varney-2018	-28.66018083
605687.05	5600972.22	81.82008147	54179.13	53811.29	53632.16	54037.22186	-405.0618606	-198.8918606	Varney-2018	-23.46186064
605686.79	5600971.41	81.66668254	54179.11	53815.27	53636.16	54037.22212	-401.0621241	-194.8921241	Varney-2018	-19.46212409
605687.37	5600970.86	81.70770678	54179.11	53819.45	53640.34	54037.22	-396.8800039	-190.7100039	Varney-2018	-15.28000386
605686.9	5600970.43	81.56264241	54179.1	53825.95	53646.85	54037.22115	-390.3711505	-184.2011505	Varney-2018	-8.771150526
605687.04	5600970.16	81.55498209	54179.1	53822.96	53643.86	54037.22055	-393.3605502	-187.1905502	Varney-2018	-11.76055019
605687.62	5600969.92	81.63539627	54179.09	53823.11	53644.02	54037.21864	-393.1986374	-187.0286374	Varney-2018	-11.59863744
605687.17	5600970.03	81.56327457	54179.09	53825.09	53646	54037.22007	-391.2200717	-185.0500717	Varney-2018	-9.620071746
605686.5	5600969	81.30352611	54179.1	53823.12	53644.02	54037.22143	-393.2014263	-187.0314263	Varney-2018	-11.60142634
605685.8	5600966.77	80.88564437	54179.1	53822.91	53643.81	54037.22207	-393.4120663	-187.2420663	Varney-2018	-11.81206627
605685.82	5600966.82	80.89582342	54179.1	53826.33	53647.23	54037.22204	-389.9920393	-183.8220393	Varney-2018	-8.392039285

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605685.73	5600966.73	80.86721416	54179.07	53821.7	53642.63	54037.22225	-394.59225	-188.42225	Varney-2018	-12.99224996
605685.82	5600966.4	80.84232687	54179.04	53825.35	53646.31	54037.22176	-390.9117616	-184.7417616	Varney-2018	-9.311761619
605684.89	5600964.59	80.43530007	54179	53828.93	53649.93	54037.22334	-387.2933385	-181.1233385	Varney-2018	-5.693338459
605684.93	5600962.92	80.24152569	54178.96	53831.42	53652.46	54037.22181	-384.761814	-178.591814	Varney-2018	-3.161814026
605686.84	5600964.78	80.82967648	54178.93	53835.18	53656.25	54037.21765	-380.9676452	-174.7976452	Varney-2018	0.632354751
605687.02	5600965.52	80.95839237	54178.9	53829.82	53650.92	54037.21759	-386.2975897	-180.1275897	Varney-2018	-4.697589656
605687.94	5600964.86	81.04880468	54178.89	53829.39	53650.5	54037.21441	-386.7144125	-180.5444125	Varney-2018	-5.114412504
605687.82	5600964.8	81.01833415	54178.87	53830.31	53651.44	54037.21473	-385.7747322	-179.6047322	Varney-2018	-4.174732196
605689.76	5600969.13	81.94362497	54178.86	53829.82	53650.96	54037.21166	-386.2516601	-180.0816601	Varney-2018	-4.651660148
605688.67	5600966.22	81.36189085	54178.85	53838.54	53659.69	54037.2131	-377.5230993	-171.3530993	Varney-2018	4.076900696
605687.92	5600964.25	80.96883307	54178.85	53840.79	53661.94	54037.21403	-375.2740285	-169.1040285	Varney-2018	6.325971489
605690.76	5600964.57	81.54712939	54178.84	53842.53	53663.69	54037.20581	-373.5158077	-167.3458077	Varney-2018	8.084192335
605692.55	5600959.52	81.25290179	54178.84	53847.64	53668.8	54037.19688	-368.3968835	-162.2268835	Varney-2018	13.20311653
605692.21	5600958.38	81.04661294	54178.83	53835.34	53656.51	54037.19705	-380.6870526	-174.5170526	Varney-2018	0.912947432
605690.39	5600957.39	80.58558707	54178.82	53830.77	53651.95	54037.20155	-385.2515485	-179.0815485	Varney-2018	-3.651548497
605688.65	5600955.1	79.98176436	54178.8	53828.29	53649.49	54037.20474	-387.7147446	-181.5447446	Varney-2018	-6.114744552
605686.3	5600955.7	79.6230753	54178.79	53827.31	53648.52	54037.21186	-388.6918619	-182.5218619	Varney-2018	-7.091861884
605685.8	5600956.31	79.6049552	54178.78	53828.11	53649.33	54037.21378	-387.8837811	-181.7137811	Varney-2018	-6.283781074
605685.73	5600956.21	79.57993457	54178.77	53827.6	53648.83	54037.2139	-388.3838972	-182.2138972	Varney-2018	-6.783897176
605685.71	5600956.94	79.66464122	54178.76	53827.07	53648.31	54037.21456	-388.9045583	-182.7345583	Varney-2018	-7.304558316
605685.32	5600956.33	79.51884239	54178.76	53827.18	53648.42	54037.21516	-388.7951614	-182.6251614	Varney-2018	-7.195161352
605685.12	5600955.63	79.39746022	54178.77	53824.26	53645.49	54037.21514	-391.7251429	-185.5551429	Varney-2018	-10.12514292
605683.76	5600955.22	79.09810445	54178.78	53825.17	53646.39	54037.21864	-390.8286372	-184.6586372	Varney-2018	-9.228637155
605682.78	5600955.36	78.93473789	54178.79	53823.73	53644.94	54037.22153	-392.2815257	-186.1115257	Varney-2018	-10.68152566
605682.73	5600954.87	78.86716563	54178.8	53822.75	53643.95	54037.22124	-393.271236	-187.101236	Varney-2018	-11.67123597
605682.06	5600954.35	78.6824933	54178.81	53825.89	53647.08	54037.22266	-390.1426593	-183.9726593	Varney-2018	-8.542659294
605681.22	5600953.75	78.47308064	54178.81	53825.78	53646.97	54037.22407	-390.2540668	-184.0840668	Varney-2018	-8.654066814
605680.76	5600952.2	78.21595176	54178.82	53819.15	53640.33	54037.22368	-396.8936818	-190.7236818	Varney-2018	-15.29368179
605680.93	5600952.36	78.26225107	54178.82	53821.44	53642.62	54037.22345	-394.6034488	-188.4334488	Varney-2018	-13.00344883
605681.8	5600951.25	78.27148408	54178.82	53816.48	53637.66	54037.2205	-399.5605046	-193.3905046	Varney-2018	-17.96050463
605683.04	5600952.18	78.60300461	54178.8	53818.62	53639.82	54037.21801	-397.3980118	-191.2280118	Varney-2018	-15.79801181
605683.3	5600951.11	78.5223749	54178.77	53818.39	53639.62	54037.21636	-397.5963613	-191.4263613	Varney-2018	-15.99636133
605683.46	5600949.78	78.39224598	54178.75	53818.01	53639.26	54037.21477	-397.9547683	-191.7847683	Varney-2018	-16.35476833
605683.64	5600949.94	78.44383672	54178.72	53817.35	53638.63	54037.21442	-398.5844155	-192.4144155	Varney-2018	-16.9844155
605683.7	5600949.7	78.42590714	54178.7	53819.35	53640.65	54037.21404	-396.5640446	-190.3940446	Varney-2018	-14.96404463
605683.72	5600949.91	78.4546658	54178.68	53818.69	53640.01	54037.21417	-397.2041712	-191.0341712	Varney-2018	-15.60417118
605683.23	5600949.84	78.3579727	54178.67	53815.99	53637.32	54037.21545	-399.895448	-193.725448	Varney-2018	-18.29544799
605683.64	5600948.03	78.21513571	54178.66	53810.33	53631.67	54037.21277	-405.5427658	-199.3727658	Varney-2018	-23.94276584
605683.83	5600947.54	78.1904207	54178.66	53810.84	53632.18	54037.21183	-405.0318317	-198.8618317	Varney-2018	-23.43183169
605683.48	5600948.43	78.23434305	54178.66	53812.13	53633.47	54037.21354	-403.743544	-197.573544	Varney-2018	-22.14354405
605682.56	5600950.09	78.26698411	54178.68	53810.76	53632.08	54037.2175	-405.137497	-198.967497	Varney-2018	-23.53749696
605685.77	5600949.78	78.80846356	54178.71	53811.3	53632.59	54037.20847	-404.6184669	-198.4484669	Varney-2018	-23.01846692
605686.06	5600946.72	78.4894894	54178.74	53811.42	53632.68	54037.20516	-404.525161	-198.355161	Varney-2018	-22.92516097
605685.78	5600947.14	78.49047319	54178.78	53811.47	53632.69	54037.20626	-404.5162572	-198.3462572	Varney-2018	-22.91625717
605685.91	5600947.23	78.52458266	54178.82	53811.64	53632.82	54037.20598	-404.3859827	-198.2159827	Varney-2018	-22.78598268
605685.72	5600947.54	78.5282033	54178.87	53811.22	53632.35	54037.20675	-404.8567492	-198.6867492	Varney-2018	-23.2567492
605685.47	5600947.8	78.51496522	54178.89	53811.54	53632.65	54037.20764	-404.5576378	-198.3876378	Varney-2018	-22.95763782
605685.53	5600947.83	78.52932775	54178.91	53811.47	53632.56	54037.2075	-404.6475011	-198.4775011	Varney-2018	-23.04750113
605685.39	5600947.83	78.50428036	54178.94	53811.31	53632.37	54037.20788	-404.8378783	-198.6678783	Varney-2018	-23.23787832
605684.96	5600947.39	78.37428552	54178.97	53808.9	53629.93	54037.20867	-407.2786668	-201.1086668	Varney-2018	-25.67866682
605684.51	5600947.36	78.29029591	54178.96	53806.81	53627.85	54037.20985	-409.3598503	-203.1898503	Varney-2018	-27.75985031
605684.71	5600946.8	78.25857244	54178.95	53807.09	53628.14	54037.20884	-409.0688398	-202.8988398	Varney-2018	-27.46883979
605683.97	5600945.77	78.00312338	54178.91	53800.19	53621.28	54037.20994	-415.9299366	-209.7599366	Varney-2018	-34.32993656
605684.06	5600945.58	77.99630208	54178.87	53797.82	53618.95	54037.20953	-418.2595346	-212.0895346	Varney-2018	-36.65953456
605683.94	5600945.61	77.97860688	54178.87	53793.3	53614.43	54037.20988	-422.779879	-216.609879	Varney-2018	-41.17987895
605683.07	5600944.87	77.73588214	54178.86	53789.92	53611.06	54037.21154	-426.151543	-219.981543	Varney-2018	-44.55154304
605684.08	5600943.97	77.8066099	54178.87	53783.73	53604.86	54037.2081	-432.3481031	-226.1781031	Varney-2018	-50.74810314
605685.24	5600945.27	78.16824328	54178.88	53787.26	53608.38	54037.20614	-428.8261422	-222.6561422	Varney-2018	-47.22614219
605686.33	5600942.48	78.02247438	54178.88	53781.07	53602.19	54037.20097	-435.0109738	-228.8409738	Varney-2018	-53.41097384
605685.6	5600943.67	78.0384245	54178.88	53784.1	53605.22	54037.20386	-431.9838605	-225.8138605	Varney-2018	-50.38386053
605686.1	5600943.99	78.16535335	54178.88	53785.2	53606.32	54037.20281	-430.8828122	-224.7128122	Varney-2018	-49.28281219
605687	5600942.48	78.140008	54178.89	53789.23	53610.34	54037.19923	-426.8592307	-220.6892307	Varney-2018	-45.25923073
605686.91	5600942.17	78.08644026	54178.88	53794.75	53615.87	54037.19921	-421.3292147	-215.1592147	Varney-2018	-39.72921466
605686.68	5600941.31	77.94146022	54178.87	53782.64	53603.77	54037.19911	-433.4291142	-227.2591142	Varney-2018	-51.82911422

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605686.06	5600941.01	77.79677574	54178.87	53778.37	53599.5	54037.20047	-437.7004681	-231.5304681	Varney-2018	-56.10046814
605685.52	5600940.4	77.62877646	54178.86	53771.59	53592.73	54037.20135	-444.4713523	-238.3013523	Varney-2018	-62.87135227
605685.5	5600941.52	77.76076014	54178.86	53766.25	53587.39	54037.20233	-449.8123349	-243.6423349	Varney-2018	-68.21233492
605684.95	5600941.67	77.68271028	54178.87	53774.83	53595.96	54037.20388	-441.2438829	-235.0738829	Varney-2018	-59.64388286
605684.42	5600939.66	77.34831906	54178.91	53773.28	53594.37	54037.20355	-442.8335454	-236.6635454	Varney-2018	-61.23354536
605685.54	5600940.74	77.67338999	54178.96	53776.01	53597.05	54037.20158	-440.1515835	-233.9815835	Varney-2018	-58.55158345
605686.96	5600941.06	77.95988965	54179	53782.72	53603.72	54037.19819	-433.4781898	-227.3081898	Varney-2018	-51.87818985
605687.3	5600939.17	77.78840459	54179.05	53786.64	53607.59	54037.1958	-429.6058008	-223.4358008	Varney-2018	-48.00580083
605688.15	5600939.16	77.93445406	54179.07	53793.86	53614.79	54037.19363	-422.4036302	-216.2336302	Varney-2018	-40.80363022
605687.79	5600939.25	77.88310048	54179.1	53799.13	53620.03	54037.19462	-417.1646174	-210.9946174	Varney-2018	-35.56461742
605688.67	5600939.88	78.1131212	54179.09	53800.66	53621.57	54037.19287	-415.6228665	-209.4528665	Varney-2018	-34.02286646
605688.14	5600938.53	77.85543847	54179.08	53801.98	53622.9	54037.19316	-414.2931605	-208.1231605	Varney-2018	-32.69316054
605687.65	5600936.59	77.53337937	54179.04	53799.93	53620.89	54037.19286	-416.3028608	-210.1328608	Varney-2018	-34.70286079
605687.03	5600937.39	77.52455523	54178.99	53795.74	53616.75	54037.19505	-420.4450547	-214.2750547	Varney-2018	-38.84505475
605686.19	5600936.11	77.2245933	54178.98	53802.62	53623.64	54037.19612	-413.5561171	-207.3861171	Varney-2018	-31.95611708
605686.78	5600936.49	77.3719221	54178.97	53812.06	53633.09	54037.19495	-404.1049547	-197.9349547	Varney-2018	-22.50495468
605686.87	5600935.48	77.26429667	54178.97	53820.32	53641.35	54037.19391	-395.8439139	-189.6739139	Varney-2018	-14.2439139
605687.36	5600934.23	77.19531488	54178.96	53824.4	53645.44	54037.1917	-391.7516992	-185.5816992	Varney-2018	-10.15169916
605686.91	5600932.91	76.95792567	54178.97	53820.21	53641.24	54037.19174	-395.9517402	-189.7817402	Varney-2018	-14.35174022
605688.81	5600934.37	77.45911781	54178.99	53826.86	53647.87	54037.18824	-389.318242	-183.148242	Varney-2018	-7.718242019
605689.21	5600934.99	77.60366163	54178.99	53830.05	53651.06	54037.18773	-386.1277332	-179.9577332	Varney-2018	-4.527733246
605689.79	5600935.97	77.82384782	54178.98	53834.03	53655.05	54037.18704	-382.1370416	-175.9670416	Varney-2018	-0.537041636
605689.74	5600935.76	77.78930881	54178.98	53837.08	53658.1	54037.18701	-379.0870069	-172.9170069	Varney-2018	2.512993141
605690.04	5600935.79	77.84433926	54178.97	53836.24	53657.27	54037.18628	-379.9162838	-173.7462838	Varney-2018	1.683716185
605690.29	5600935.04	77.79405067	54178.97	53839.59	53660.62	54037.1851	-376.5651008	-170.3951008	Varney-2018	5.034899227
605691.93	5600934.72	78.03374784	54178.96	53845.55	53666.59	54037.18081	-370.5908145	-164.4208145	Varney-2018	11.00918547
605691.44	5600935.05	77.99145973	54178.94	53841.19	53662.25	54037.18226	-374.9322641	-168.7622641	Varney-2018	6.667735893
605691.78	5600934.03	77.92191282	54178.92	53839.28	53660.36	54037.18069	-376.8206858	-170.6506858	Varney-2018	4.7793142
605692.02	5600934.18	77.98147276	54178.91	53839.1	53660.19	54037.1802	-376.9902043	-170.8202043	Varney-2018	4.609795707
605694.35	5600934.8	78.45617126	54178.9	53840.59	53661.69	54037.1749	-375.4848975	-169.3148975	Varney-2018	6.115102476
605698.48	5600934.24	79.08752891	54178.91	53842.54	53663.63	54037.16436	-373.5343611	-167.3643611	Varney-2018	8.065638851
605694.13	5600926.36	77.3503851	54178.93	53842.97	53664.04	54037.16968	-373.1296817	-166.9596817	Varney-2018	8.470318269
605693.4	5600927.1	77.32330862	54178.95	53839.14	53660.19	54037.17189	-376.9818917	-170.8118917	Varney-2018	4.618108266
605694.47	5600929.17	77.76275593	54178.98	53833.05	53654.07	54037.17079	-383.1007928	-176.9307928	Varney-2018	-1.500792808
605693.98	5600929.17	77.68104886	54178.97	53831.21	53652.24	54037.17195	-384.9319548	-178.7619548	Varney-2018	-3.331954845
605693.38	5600928.85	77.54065175	54178.95	53824.48	53645.53	54037.17316	-391.6431552	-185.4731552	Varney-2018	-10.04315525
605692.41	5600928.02	77.27498039	54178.92	53824.61	53645.69	54037.17486	-391.4848592	-185.3148592	Varney-2018	-9.884859204
605693.25	5600927.92	77.40181995	54178.88	53819.22	53640.34	54037.17281	-396.8328141	-190.6628141	Varney-2018	-15.23281409
605693.52	5600928.37	77.50340218	54178.85	53818.99	53640.14	54037.17249	-397.0324914	-190.8624914	Varney-2018	-15.43249142
605693.74	5600927.24	77.39722959	54178.81	53812.7	53633.89	54037.17119	-403.2811941	-197.1111941	Varney-2018	-21.68119407
605693.75	5600926.5	77.30540217	54178.8	53807.68	53628.88	54037.17066	-408.2906609	-202.1206609	Varney-2018	-26.69066089
605693.23	5600925.48	77.09108907	54178.79	53808.69	53629.9	54037.17116	-407.2711582	-201.1011582	Varney-2018	-25.67115819
605693.34	5600924.45	76.97932485	54178.79	53806.4	53627.61	54037.17019	-409.5601875	-203.3901875	Varney-2018	-27.96018745
605691.06	5600920.78	76.14896217	54178.79	53804.72	53625.93	54037.17271	-411.2427093	-205.0727093	Varney-2018	-29.64270931
605690.21	5600919.31	75.82956298	54178.81	53799.95	53621.14	54037.1735	-416.0334991	-209.8634991	Varney-2018	-34.43349905
605690.86	5600917.71	75.73466264	54178.83	53797.07	53618.24	54037.17089	-418.9308862	-212.7608862	Varney-2018	-37.33088615
605691.28	5600917.67	75.79657177	54178.84	53782.31	53603.47	54037.16994	-433.6999441	-227.5299441	Varney-2018	-52.09994409
605691.59	5600917.86	75.86967544	54178.85	53778.36	53599.51	54037.16941	-437.6594086	-231.4894086	Varney-2018	-56.05940856
605692.11	5600917.76	75.94002631	54178.84	53783.21	53604.37	54037.16821	-432.7982054	-226.6282054	Varney-2018	-51.19820535
605694.07	5600918.48	76.34338608	54178.83	53778.21	53599.38	54037.16444	-437.784436	-231.614436	Varney-2018	-56.18443597
605694.04	5600917.38	76.19942447	54178.82	53755.03	53576.21	54037.16375	-460.9537493	-254.7837493	Varney-2018	-79.35374926
605694.49	5600917.53	76.29002542	54178.81	53749.97	53571.16	54037.16288	-466.0028752	-259.8328752	Varney-2018	-84.40287525
605694.54	5600917.41	76.28276251	54178.77	53748.12	53569.35	54037.16269	-467.8126857	-261.6426857	Varney-2018	-86.2126857
605693.55	5600914.48	75.75551064	54178.73	53730.74	53552.01	54037.1628	-485.1528034	-278.9828034	Varney-2018	-103.5528034
605694.01	5600914.16	75.78733239	54178.7	53727.63	53548.93	54037.16161	-488.2316104	-282.0616104	Varney-2018	-106.6316104
605695.93	5600915.86	76.30588105	54178.67	53709.2	53530.53	54037.15866	-506.6286626	-300.4586626	Varney-2018	-125.0286626
605695.82	5600916.91	76.42255315	54178.68	53701.19	53522.51	54037.15958	-514.6495839	-308.4795839	Varney-2018	-133.0495839
605699.97	5600919.43	77.40996429	54178.69	53676.4	53497.71	54037.15209	-539.442087	-333.272087	Varney-2018	-157.842087
605702.77	5600919.92	77.92386943	54178.73	53653.7	53474.97	54037.14618	-562.1761795	-356.0061795	Varney-2018	-180.5761795
605700.51	5600917.51	77.24557372	54178.77	53681.7	53502.93	54037.1498	-534.219799	-328.049799	Varney-2018	-152.619799
605700.32	5600916.78	77.11999047	54178.79	53693.33	53514.54	54037.14979	-522.6097913	-316.4397913	Varney-2018	-141.0097913
605699.36	5600911.55	76.28784896	54178.82	53695.87	53517.05	54037.14877	-520.0987665	-313.9287665	Varney-2018	-138.4987665
605699.52	5600910.71	76.20341776	54178.81	53706.12	53527.31	54037.14794	-509.8379409	-303.6679409	Varney-2018	-128.2379409
605700.35	5600907.03	75.85112047	54178.79	53722.51	53543.72	54037.14412	-493.4241221	-287.2541221	Varney-2018	-111.8241221

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605698.98	5600906.97	75.6346574	54178.75	53725.27	53546.52	54037.14681	-490.6268107	-284.4568107	Varney-2018	-109.0268107
605698.25	5600906.58	75.4730806	54178.71	53729.55	53550.84	54037.14802	-486.3080233	-280.1380233	Varney-2018	-104.7080233
605696.92	5600905.36	75.1142446	54178.68	53727.83	53549.15	54037.14988	-487.9998842	-281.8298842	Varney-2018	-106.3998842
605696	5600905.9	75.0441198	54178.65	53727.44	53548.79	54037.15204	-488.3620382	-282.1920382	Varney-2018	-106.7620382
605696.42	5600905.13	75.00917305	54178.65	53739.46	53560.81	54037.15072	-476.3407163	-270.1707163	Varney-2018	-94.74071627
605696.51	5600903.66	74.83442494	54178.65	53753.95	53575.3	54037.1496	-461.8495976	-255.6795976	Varney-2018	-80.24959763
605695.91	5600902.51	74.59745501	54178.67	53755.34	53576.67	54037.15001	-460.4800065	-254.3100065	Varney-2018	-78.8800065
605695.2	5600901.09	74.3106721	54178.69	53760.21	53581.52	54037.15042	-455.6304202	-249.4604202	Varney-2018	-74.03042023
605695.27	5600900.85	74.29050721	54178.71	53762.66	53583.95	54037.15013	-453.2001292	-247.0301292	Varney-2018	-71.60012917
605695.01	5600900.86	74.25322255	54178.74	53763.91	53585.17	54037.15063	-451.9806251	-245.8106251	Varney-2018	-70.38062511
605695.8	5600900.67	74.34612299	54178.74	53766.52	53587.78	54037.14901	-449.3690142	-243.1990142	Varney-2018	-67.76901419
605696.33	5600899.68	74.29792722	54178.75	53771.51	53592.76	54037.14738	-444.3873806	-238.2173806	Varney-2018	-62.78738057
605696.27	5600898.31	74.11375679	54178.71	53778.39	53599.68	54037.14661	-437.4666081	-231.2966081	Varney-2018	-55.86660807
605696.08	5600897.65	74.00151733	54178.66	53784.21	53605.55	54037.14653	-431.5965291	-225.4265291	Varney-2018	-49.99652914
605696.7	5600898.26	74.17039842	54178.61	53785.81	53607.2	54037.14579	-429.9457859	-223.7757859	Varney-2018	-48.34578589
605697.18	5600898.04	74.21248496	54178.56	53796.1	53617.54	54037.14477	-419.6047656	-213.4347656	Varney-2018	-38.0047656
605696.65	5600897.27	74.03613292	54178.5	53802.15	53623.65	54037.14525	-413.4952453	-207.3252453	Varney-2018	-31.8952453
605696.56	5600897.13	74.00505431	54178.43	53798.99	53620.56	54037.14532	-416.5853194	-210.4153194	Varney-2018	-34.98531944
605696.23	5600896.77	73.91085797	54178.43	53801.32	53622.89	54037.14569	-414.2556866	-208.0856866	Varney-2018	-32.65568661
605696.81	5600896.57	73.96966128	54178.44	53805.61	53627.17	54037.14451	-409.9745089	-203.8045089	Varney-2018	-28.37450888
605697.66	5600896.05	74.02632396	54178.49	53821.21	53642.72	54037.14265	-394.4226492	-188.2526492	Varney-2018	-12.82264915
605698.04	5600895.23	73.97560542	54178.55	53828.84	53650.29	54037.14146	-386.8514615	-180.6814615	Varney-2018	-5.251461478
605697.44	5600894.06	73.73821049	54178.62	53833.73	53655.11	54037.1418	-382.0318008	-175.8618008	Varney-2018	-0.431800793
605697.07	5600893.14	73.56676756	54178.69	53843.17	53664.48	54037.14187	-372.6618726	-166.4918726	Varney-2018	8.938127433
605695.33	5600892.97	73.29583018	54178.71	53843.56	53664.85	54037.1448	-372.2948024	-166.1248024	Varney-2018	9.305197578
605698.63	5600893.03	73.77602009	54178.74	53850.23	53671.49	54037.13908	-365.6490784	-159.4790784	Varney-2018	15.95092156
605698.5	5600893.19	73.77811224	54178.71	53847.77	53669.06	54037.1394	-368.0794026	-161.9094026	Varney-2018	13.52059741
605698.59	5600893.2	73.79230413	54178.67	53846.07	53667.4	54037.13925	-369.7392512	-163.5692512	Varney-2018	11.86074879
605699.59	5600890.98	73.64671518	54178.62	53844.39	53665.77	54037.1362	-371.3661963	-165.1961963	Varney-2018	10.23380366
605700.2	5600890.47	73.66667929	54178.57	53844.87	53666.3	54037.13486	-370.834858	-164.664858	Varney-2018	10.76514195
605700.69	5600890.02	73.67714543	54178.54	53846.22	53667.68	54037.13377	-369.4537679	-163.2837679	Varney-2018	12.14623212
605700.2	5600889.29	73.51265272	54178.51	53846.36	53667.85	54037.13418	-369.2841767	-163.1141767	Varney-2018	12.31582335
605700.25	5600889.23	73.51185687	54178.51	53844.42	53665.91	54037.13406	-371.224058	-165.054058	Varney-2018	10.37594204
605699.98	5600889.16	73.46473533	54178.51	53843.34	53664.83	54037.13447	-372.3044711	-166.1344711	Varney-2018	9.295528894
605699.77	5600888.92	73.40393352	54178.49	53842.62	53664.13	54037.13468	-373.0046835	-166.8346835	Varney-2018	8.595316542
605699.91	5600889.02	73.43664024	54178.47	53842.2	53663.73	54037.13451	-373.4045071	-167.2345071	Varney-2018	8.195492865
605699.79	5600888.41	73.34365855	54178.43	53842.94	53664.51	54037.13426	-372.624263	-166.454263	Varney-2018	8.975737035
605699.7	5600888.24	73.31087792	54178.39	53842.86	53664.47	54037.13426	-372.664261	-166.494261	Varney-2018	8.935738966
605699.71	5600888.28	73.31702374	54178.34	53841.85	53663.51	54037.13428	-373.6242801	-167.4542801	Varney-2018	7.975719871
605699.57	5600887.51	73.20615164	54178.29	53835.82	53657.53	54037.13382	-379.6038231	-173.4338231	Varney-2018	1.996176947
605699.44	5600887.18	73.14895293	54178.28	53828.21	53649.93	54037.13374	-387.2037404	-181.0337404	Varney-2018	-5.603740358
605699.26	5600886.05	72.99026711	54178.26	53815.04	53636.78	54037.13302	-400.3530151	-194.1830151	Varney-2018	-18.7530151
605699.23	5600885.62	72.93527625	54178.28	53815.07	53636.79	54037.13268	-400.342675	-194.172675	Varney-2018	-18.74267503
605699.26	5600886.08	72.99381526	54178.31	53812.89	53634.58	54037.13304	-402.5530422	-196.3830422	Varney-2018	-20.95304219
605698.99	5600884.78	72.80304558	54178.35	53803.6	53625.25	54037.1323	-411.8822965	-205.7122965	Varney-2018	-30.28229651
605698.87	5600887.51	73.10858575	54178.4	53804.25	53625.85	54037.13497	-411.2849748	-205.1149748	Varney-2018	-29.68497476
605698.56	5600887.62	73.07832352	54178.41	53803.41	53625	54037.13559	-412.1355858	-205.9655858	Varney-2018	-30.53558582
605698.42	5600887.82	73.08231138	54178.42	53798.74	53620.32	54037.136	-416.8160008	-210.6460008	Varney-2018	-35.21600077
605698.73	5600887.74	73.11617317	54178.39	53795.61	53617.22	54037.13542	-419.9154154	-213.7454154	Varney-2018	-38.31541544
605699.38	5600886.85	73.1015439	54178.35	53792.95	53614.6	54037.13354	-422.5335416	-216.3635416	Varney-2018	-40.93354161
605699.7	5600885.54	72.99055105	54178.27	53782.96	53604.69	54037.13185	-432.44185	-226.27185	Varney-2018	-50.84185
605698.86	5600885.58	72.87957279	54178.19	53777.69	53599.5	54037.13323	-437.6332318	-231.4632318	Varney-2018	-56.03323182
605699.43	5600888.31	73.28136957	54178.14	53778.67	53600.53	54037.13477	-436.6047726	-230.4347726	Varney-2018	-55.00477256
605697.75	5600885.86	72.75941466	54178.09	53779.55	53601.46	54037.13527	-435.6752727	-229.5052727	Varney-2018	-54.07527273
605696.81	5600885.84	72.62736967	54178.09	53782.35	53604.26	54037.13677	-432.8767658	-226.7067658	Varney-2018	-51.27676576
605696	5600884.14	72.31917358	54178.09	53775.83	53597.74	54037.13641	-439.3964109	-233.2264109	Varney-2018	-57.79641087
605695.54	5600882.66	72.0859149	54178.14	53769.31	53591.17	54037.13568	-445.9656752	-239.7956752	Varney-2018	-64.36567515
605695.15	5600882.38	72.00098386	54178.19	53762.14	53583.95	54037.136	-453.1859966	-247.0159966	Varney-2018	-71.58599657
605695.77	5600882.52	72.10089016	54178.23	53759.71	53581.48	54037.13518	-455.6551843	-249.4851843	Varney-2018	-74.05518426
605695.38	5600881.56	71.93773169	54178.28	53756.94	53578.66	54037.13483	-458.4748335	-252.3048335	Varney-2018	-76.8748335
605695.21	5600880.35	71.77587039	54178.26	53753.59	53575.33	54037.13389	-461.8038898	-255.6338898	Varney-2018	-80.20388975
605695.71	5600880.43	71.85179196	54178.24	53747.94	53569.7	54037.13323	-467.433225	-261.263225	Varney-2018	-85.83322503
605694.79	5600878.93	71.55720487	54178.18	53748.36	53570.18	54037.13309	-466.9530914	-260.7830914	Varney-2018	-85.35309138
605694.45	5600878.34	71.44484633	54178.12	53745.2	53567.08	54037.13299	-470.0529905	-263.8829905	Varney-2018	-88.45299051

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605694.69	5600878	71.43754424	54178.07	53746.44	53568.37	54037.1323	-468.7623031	-262.5923031	Varney-2018	-87.16230305
605695.78	5600879.12	71.71000915	54178.01	53744.52	53566.51	54037.13184	-470.6218371	-264.4518371	Varney-2018	-89.02183713
605695.24	5600874.22	71.07546616	54177.97	53744.32	53566.35	54037.12776	-470.7777647	-264.6077647	Varney-2018	-89.1777647
605695.69	5600873.17	71.01213591	54177.92	53740.02	53562.1	54037.12613	-475.0261259	-268.8561259	Varney-2018	-93.42612592
605696.26	5600871.88	70.9354141	54177.92	53740.82	53562.9	54037.12412	-474.224119	-268.054119	Varney-2018	-92.624119
605697.41	5600870.88	70.96394996	54177.91	53735.99	53558.08	54037.12168	-479.0416818	-272.8716818	Varney-2018	-97.44168179
605698.88	5600870.27	71.07645073	54177.95	53726.93	53548.98	54037.11925	-488.1392496	-281.9692496	Varney-2018	-106.5392496
605699.93	5600869.83	71.15538127	54177.99	53713.59	53535.6	54037.11753	-501.5175329	-295.3475329	Varney-2018	-119.9175329
605702.18	5600871.29	71.61197261	54178.02	53697.08	53519.06	54037.11594	-518.0559368	-311.8859368	Varney-2018	-136.4559368
605703.19	5600871.69	71.78767444	54178.05	53690.89	53512.84	54037.11496	-524.2749646	-318.1049646	Varney-2018	-142.6749646
605704.69	5600870.68	71.85286817	54178.04	53678.05	53500.01	54037.11223	-537.1022328	-330.9322328	Varney-2018	-155.5022328
605704.82	5600870.69	71.87038779	54178.02	53677.29	53499.27	54037.11208	-537.8420753	-331.6720753	Varney-2018	-156.2420753
605704.78	5600869.5	71.71914045	54177.99	53675.95	53497.96	54037.1112	-539.1511976	-332.9811976	Varney-2018	-157.5511976
605705.1	5600867.48	71.51015383	54177.96	53675.47	53497.51	54037.10924	-539.599237	-333.429237	Varney-2018	-157.999237
605704.31	5600868.69	71.56148838	54177.94	53675.85	53497.91	54037.11114	-539.2011426	-333.0311426	Varney-2018	-157.6011426
605704.39	5600869.6	71.68290993	54177.92	53675.91	53497.99	54037.11176	-539.1217623	-332.9517623	Varney-2018	-157.5217623
605704.33	5600869.27	71.63501714	54177.91	53674.98	53497.07	54037.11158	-540.0415764	-333.8715764	Varney-2018	-158.4415764
605704.26	5600869.19	71.61653176	54177.9	53675.72	53497.82	54037.1116	-539.2915999	-333.1215999	Varney-2018	-157.6915999
605704.87	5600869.43	71.72172236	54177.89	53672.58	53494.69	54037.11103	-542.421031	-336.251031	Varney-2018	-160.821031
605705.3	5600867.55	71.54331347	54177.87	53671.02	53493.15	54037.10905	-543.9590506	-337.7890506	Varney-2018	-162.3590506
605705.08	5600866.3	71.36239949	54177.87	53664.64	53486.77	54037.10835	-550.338348	-344.168348	Varney-2018	-168.738348
605705.28	5600865.88	71.33494163	54177.86	53665.93	53488.07	54037.10779	-549.03779	-342.86779	Varney-2018	-167.43779
605705.17	5600865.12	71.22795754	54177.86	53670.67	53492.81	54037.10733	-544.2973317	-338.1273317	Varney-2018	-162.6973317
605705.46	5600865.55	71.31603531	54177.87	53672.37	53494.5	54037.10733	-542.6073276	-336.4373276	Varney-2018	-161.0073276
605706.08	5600864.68	71.28321281	54177.87	53675.43	53497.56	54037.10596	-539.5459557	-333.3759557	Varney-2018	-157.9459557
605705.71	5600863.4	71.08041416	54177.88	53672.94	53495.06	54037.1054	-542.0454047	-335.8754047	Varney-2018	-160.4454047
605706.37	5600863.52	71.17400863	54177.87	53673.94	53496.07	54037.10476	-541.0347612	-334.8647612	Varney-2018	-159.4347612
605706.06	5600862.39	70.99694722	54177.86	53678.29	53500.43	54037.10426	-536.6742565	-330.5042565	Varney-2018	-155.0742565
605707.52	5600862.03	71.12471973	54177.82	53673.22	53495.4	54037.10241	-541.7024088	-335.5324088	Varney-2018	-160.1024088
605707.79	5600862.94	71.27071749	54177.77	53666.69	53488.92	54037.10277	-548.1827665	-342.0127665	Varney-2018	-166.5827665
605708.01	5600860.82	71.0306195	54177.73	53678.68	53500.95	54037.10102	-536.151022	-329.981022	Varney-2018	-154.551022
605708.71	5600860.44	71.06462227	54177.68	53683.06	53505.38	54037.10002	-531.7200213	-325.5500213	Varney-2018	-150.1200213
605707.98	5600859.68	70.88396766	54177.68	53684.6	53506.92	54037.10024	-530.1802449	-324.0102449	Varney-2018	-148.5802449
605708.19	5600858.76	70.79267409	54177.67	53692.02	53514.35	54037.09938	-522.7493807	-316.5793807	Varney-2018	-141.1493807
605708.9	5600858.37	70.82530124	54177.66	53699.3	53521.64	54037.0984	-515.4583966	-309.2883966	Varney-2018	-133.8583966
605709.66	5600857.85	70.84669463	54177.64	53702.67	53525.03	54037.09729	-512.0672879	-305.8972879	Varney-2018	-130.4672879
605710.81	5600858.26	71.03091824	54177.64	53711.14	53533.5	54037.09642	-503.5964174	-297.4264174	Varney-2018	-121.9964174
605711.79	5600858.46	71.16929735	54177.65	53715.23	53537.58	54037.09557	-499.5155658	-293.3455658	Varney-2018	-117.9155658
605712.89	5600858.02	71.23884964	54177.65	53714.99	53537.34	54037.0942	-499.7542005	-293.5842005	Varney-2018	-118.1542005
605713.91	5600857.99	71.35195646	54177.66	53712.45	53534.79	54037.09317	-502.3031721	-296.1331721	Varney-2018	-120.7031721
605714.15	5600857.49	71.31412562	54177.67	53714.76	53537.09	54037.09265	-500.0026482	-293.8326482	Varney-2018	-118.4026482
605713.16	5600855.76	70.97627156	54177.68	53713.37	53535.69	54037.09259	-501.4025894	-295.2325894	Varney-2018	-119.8025894
605713.97	5600855.88	71.08333903	54177.7	53711.29	53533.59	54037.0919	-503.5018963	-297.3318963	Varney-2018	-121.9018963
605714.76	5600855.83	71.16599931	54177.73	53707.03	53529.3	54037.09112	-507.7911228	-301.6211228	Varney-2018	-126.1911228
605715.96	5600856.35	71.3702365	54177.74	53706.4	53528.66	54037.09027	-508.4302684	-302.2602684	Varney-2018	-126.8302684
605716.44	5600856.68	71.46840475	54177.76	53704.59	53526.83	54037.08998	-510.2599826	-304.0899826	Varney-2018	-128.6599826
605717.51	5600855.67	71.45510189	54177.75	53703.92	53526.17	54037.08845	-510.9184508	-304.7484508	Varney-2018	-129.3184508
605718.11	5600855.58	71.51069726	54177.73	53703.1	53525.37	54037.08784	-511.7178437	-305.5478437	Varney-2018	-130.1178437
605718.97	5600855.34	71.57526945	54177.7	53700.39	53522.69	54037.08693	-514.3969261	-308.2269261	Varney-2018	-132.7969261
605719.53	5600855.96	71.7220966	54177.67	53698.47	53520.8	54037.08669	-516.2866853	-310.1166853	Varney-2018	-134.6866853
605719.58	5600856.24	71.76561918	54177.63	53699.93	53522.3	54037.08676	-514.7867646	-308.6167646	Varney-2018	-133.1867646
605720.05	5600856.16	71.80798981	54177.59	53699.93	53522.34	54037.08628	-514.7462819	-308.5762819	Varney-2018	-133.1462819
605720.19	5600855.31	71.70843114	54177.57	53694.79	53517.22	54037.08578	-519.8657761	-313.6957761	Varney-2018	-138.2657761
605720.97	5600855.02	71.75658997	54177.54	53697.05	53519.51	54037.08493	-517.5749277	-311.4049277	Varney-2018	-135.9749277
605721.41	5600854.75	71.76903401	54177.52	53694.24	53516.72	54037.08441	-520.3644097	-314.1944097	Varney-2018	-138.7644097
605721.98	5600854.36	71.77933762	54177.49	53695.46	53517.97	54037.08373	-519.1137305	-312.9437305	Varney-2018	-137.5137305
605724.33	5600854.39	72.04593489	54177.51	53688.02	53510.51	54037.0816	-526.5716023	-320.4016023	Varney-2018	-144.9716023
605725.05	5600855.11	72.22703227	54177.53	53687.94	53510.41	54037.08118	-526.6711848	-320.5011848	Varney-2018	-145.0711848
605726.1	5600854.95	72.32242888	54177.54	53687.69	53510.15	54037.08016	-526.9301625	-320.7601625	Varney-2018	-145.3301625
605726.33	5600854.61	72.30031974	54177.56	53685.16	53507.6	54037.07985	-529.4798474	-323.3098474	Varney-2018	-147.8798474
605726.26	5600852.6	72.00939532	54177.58	53685	53507.42	54037.0793	-529.6593006	-323.4893006	Varney-2018	-148.0593006
605727.09	5600852.74	72.12067388	54177.61	53675.51	53497.9	54037.07862	-539.1786177	-333.0086177	Varney-2018	-157.5786177
605727.46	5600852.44	72.11893644	54177.63	53685.16	53507.53	54037.07821	-529.548211	-323.378211	Varney-2018	-147.948211
605728.52	5600853.25	72.35121602	54177.65	53684.77	53507.12	54037.0775	-529.9574971	-323.7874971	Varney-2018	-148.3574971

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605729.72	5600851.87	72.2857506	54177.65	53691.52	53513.87	54037.07612	-523.2061211	-317.0361211	Varney-2018	-141.6061211
605729.17	5600851.32	72.1466767	54177.66	53698.9	53521.24	54037.07646	-515.8364596	-309.6664596	Varney-2018	-134.2364596
605729.18	5600848.57	71.75373901	54177.64	53699.68	53522.04	54037.07579	-515.0357934	-308.8657934	Varney-2018	-133.4357934
605729.31	5600847.93	71.67585583	54177.62	53703.17	53525.55	54037.07554	-511.5255406	-305.3555406	Varney-2018	-129.9255406
605729.83	5600847.44	71.66065321	54177.59	53709.16	53531.57	54037.07503	-505.5050314	-299.3350314	Varney-2018	-123.9050314
605731.17	5600846.49	71.66483767	54177.56	53718.88	53541.32	54037.07383	-495.7538323	-289.5838323	Varney-2018	-114.1538323
605731.52	5600846.09	71.6435232	54177.54	53722.65	53545.11	54037.0735	-491.9635	-285.7935	Varney-2018	-110.3635
605731.89	5600845.98	71.66627219	54177.51	53722.97	53545.46	54037.07321	-491.6132114	-285.4432114	Varney-2018	-110.0132114
605732.43	5600846.19	71.75345025	54177.49	53724.72	53547.23	54037.07286	-489.8428555	-283.6728555	Varney-2018	-108.2428555
605732.91	5600847.01	71.92382186	54177.46	53720.39	53542.93	54037.07263	-494.1426339	-287.9726339	Varney-2018	-112.5426339
605732.52	5600847.75	71.99076321	54177.45	53729.22	53551.77	54037.07305	-485.3030474	-279.1330474	Varney-2018	-103.7030474
605733.71	5600848.16	72.17737171	54177.44	53714.64	53537.2	54037.0722	-499.8721958	-293.7021958	Varney-2018	-118.2721958
605734.69	5600849.03	72.4103911	54177.43	53730.4	53552.97	54037.07154	-484.1015404	-277.9315404	Varney-2018	-102.5015404
605736.49	5600849.19	72.62727695	54177.42	53737.6	53560.18	54037.07013	-476.8901274	-270.7201274	Varney-2018	-95.29012745
605736.62	5600846.76	72.27794044	54177.42	53742.63	53565.21	54037.06984	-471.8598439	-265.6898439	Varney-2018	-90.25984388
605737.83	5600847.61	72.53330874	54177.41	53740.72	53563.31	54037.06899	-473.7589869	-267.5889869	Varney-2018	-92.15898688
605738.61	5600845.95	72.36507279	54177.39	53745.33	53567.94	54037.06834	-469.128344	-262.958344	Varney-2018	-87.528344
605738.53	5600845.87	72.34461381	54177.36	53745.08	53567.72	54037.0684	-469.3483993	-263.1783993	Varney-2018	-87.74839934
605739.4	5600846.57	72.54186928	54177.33	53748.31	53570.98	54037.06778	-466.0877802	-259.9177802	Varney-2018	-84.48778015
605740.85	5600847.75	72.87493155	54177.3	53750.12	53572.82	54037.06669	-464.2466879	-258.0766879	Varney-2018	-82.64668788
605741.21	5600846.4	72.70613433	54177.26	53757.01	53579.75	54037.06645	-457.3164504	-251.1464504	Varney-2018	-75.71645038
605742.25	5600845.78	72.71973941	54177.22	53764.08	53586.86	54037.06572	-450.205719	-244.035719	Varney-2018	-68.60571897
605742.34	5600846.17	72.78931491	54177.22	53768.61	53591.39	54037.06563	-445.6756336	-239.5056336	Varney-2018	-64.07563363
605743.4	5600846.51	72.95318402	54177.21	53776.8	53599.59	54037.06484	-437.4748356	-231.3048356	Varney-2018	-55.8748356
605744.26	5600846.1	72.97966064	54177.23	53777.9	53600.67	54037.06424	-436.3942418	-230.2242418	Varney-2018	-54.79424175
605745.49	5600846.02	73.09596615	54177.26	53780.91	53603.65	54037.06336	-433.4133575	-227.2433575	Varney-2018	-51.81335752
605745.18	5600844.48	72.82225633	54177.27	53779.91	53602.64	54037.06376	-434.4237605	-228.2537605	Varney-2018	-52.8237605
605746.29	5600846.69	73.28530614	54177.28	53778.2	53600.92	54037.06268	-436.1426834	-229.9726834	Varney-2018	-54.54268342
605746.36	5600845.91	73.16971115	54177.28	53779.68	53602.4	54037.06274	-434.6627423	-228.4927423	Varney-2018	-53.0627423
605747.61	5600846.69	73.42424479	54177.27	53780.08	53602.81	54037.06171	-434.2517067	-228.0817067	Varney-2018	-52.65170668
605747.91	5600847.67	73.61158347	54177.24	53780.23	53602.99	54037.06131	-434.071312	-227.901312	Varney-2018	-52.47131195
605748.22	5600848.76	73.81799459	54177.21	53778.27	53601.06	54037.06088	-436.0008762	-229.8308762	Varney-2018	-54.4008762
605748.45	5600848.67	73.82825632	54177.18	53783.63	53606.45	54037.06071	-430.6107124	-224.4407124	Varney-2018	-49.01071239
605749.46	5600850.85	74.28555215	54177.15	53790.54	53613.39	54037.05946	-423.6694614	-217.4994614	Varney-2018	-42.06946145
605750.39	5600851.66	74.51709592	54177.13	53785.15	53608.02	54037.0585	-429.0385001	-222.8685001	Varney-2018	-47.43850014
605749.76	5600849.18	74.05015906	54177.1	53780.76	53603.66	54037.05957	-433.3995747	-227.2295747	Varney-2018	-51.79957469
605751.12	5600849.35	74.22361488	54177.09	53777.64	53600.55	54037.05845	-436.5084512	-230.3384512	Varney-2018	-54.90845117
605751.83	5600849.16	74.26910449	54177.07	53778.39	53601.32	54037.05793	-435.7379339	-229.5679339	Varney-2018	-54.13793392
605752.63	5600850.27	74.53576523	54177.05	53772.62	53595.57	54037.05699	-441.4869862	-235.3169862	Varney-2018	-59.88698625
605752.51	5600849.91	74.46417241	54177.03	53770.49	53593.46	54037.05718	-443.5971848	-237.4271848	Varney-2018	-61.99718476
605752.6	5600847.4	74.06510639	54176.98	53769.13	53592.15	54037.05782	-444.9078153	-238.7378153	Varney-2018	-63.30781529
605753.11	5600847.23	74.09133106	54176.93	53763.24	53586.31	54037.05748	-450.7474795	-244.5774795	Varney-2018	-69.14747946
605753.5	5600847.68	74.20618322	54176.9	53763.9	53587	54037.05705	-450.0570511	-243.8870511	Varney-2018	-68.45705109
605754.04	5600848.12	74.3356572	54176.86	53760.92	53584.06	54037.0565	-452.9965023	-246.8265023	Varney-2018	-71.39650226
605754.39	5600848.92	74.50440134	54176.84	53755.17	53578.33	54037.05598	-458.7259762	-252.5559762	Varney-2018	-77.12597617
605756.26	5600849.68	74.83081678	54176.82	53755.75	53578.93	54037.05423	-458.1242252	-251.9542252	Varney-2018	-76.52422522
605756.63	5600849.31	74.80918142	54176.82	53748.38	53571.56	54037.05406	-465.4940637	-259.3240637	Varney-2018	-83.89406368
605756.98	5600849.53	74.88342274	54176.81	53750.32	53573.51	54037.0537	-463.5437013	-257.3737013	Varney-2018	-81.94370132
605757.19	5600848.23	74.68931765	54176.83	53750.01	53573.18	54037.05403	-463.8740294	-257.7040294	Varney-2018	-82.27402944
605759.25	5600850.49	75.37797751	54176.85	53737.68	53560.83	54037.04912	-476.2191184	-270.0491184	Varney-2018	-94.61911843
605759.46	5600849.74	75.28772577	54176.86	53735.04	53558.18	54037.04891	-478.8689135	-272.6989135	Varney-2018	-97.26891351
605760.07	5600849.29	75.31697202	54176.88	53726.64	53549.76	54037.04757	-487.2875713	-281.1175713	Varney-2018	-105.6875713
605761.32	5600847.47	75.22126305	54176.88	53718.94	53542.06	54037.04532	-494.9853224	-288.8153224	Varney-2018	-113.3853224
605761.59	5600848.66	75.47138685	54176.88	53709.8	53532.92	54037.04405	-504.1240488	-297.9540488	Varney-2018	-122.5240488
605762.22	5600847.99	75.46434232	54176.86	53715.74	53538.88	54037.04282	-498.1628216	-291.9928216	Varney-2018	-116.5628216
605762.67	5600847.6	75.47402062	54176.83	53712.52	53535.69	54037.04191	-501.3519126	-295.1819126	Varney-2018	-119.7519126
605762.53	5600847.95	75.51050839	54176.78	53710.47	53533.69	54037.04207	-503.3520714	-297.1820714	Varney-2018	-121.7520714
605762.58	5600847.63	75.46383178	54176.73	53700.17	53523.44	54037.04212	-513.6021194	-307.4321194	Varney-2018	-132.0021194
605763.14	5600847.36	75.51269259	54176.7	53693.66	53516.96	54037.04088	-520.0808815	-313.9108815	Varney-2018	-138.4808815
605763.35	5600846.24	75.35419457	54176.67	53688.92	53512.25	54037.04099	-524.7909922	-318.6209922	Varney-2018	-143.1909922
605764.14	5600846.42	75.51925049	54176.65	53685.46	53508.81	54037.03896	-528.2289619	-322.0589619	Varney-2018	-146.6289619
605764.46	5600846.41	75.57171256	54176.63	53680.12	53503.49	54037.03819	-533.5481864	-327.3781864	Varney-2018	-151.9481864
605765.2	5600846.31	75.67950553	54176.64	53682.64	53506	54037.03644	-531.0364413	-324.8664413	Varney-2018	-149.4364413
605765.9	5600843.76	75.34824546	54176.66	53681.8	53505.14	54037.03636	-531.8963633	-325.7263633	Varney-2018	-150.2963633

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605767.24	5600844.67	75.73308616	54176.69	53686.55	53509.86	54037.03258	-527.1725803	-321.0025803	Varney-2018	-145.5725803
605767.62	5600842.18	75.35266881	54176.72	53691.01	53514.29	54037.03339	-522.7433922	-316.5733922	Varney-2018	-141.1433922
605768.61	5600841.2	75.33975062	54176.75	53686.98	53510.23	54037.03181	-526.8018071	-320.6318071	Varney-2018	-145.2018071
605771.68	5600841.69	75.9312667	54176.78	53688.37	53511.59	54037.02439	-525.4343946	-319.2643946	Varney-2018	-143.8343946
605772.44	5600843.88	76.45845544	54176.79	53689.55	53512.76	54037.02082	-524.2608164	-318.0908164	Varney-2018	-142.6608164
605773.16	5600843.98	76.59681209	54176.8	53690.98	53514.18	54037.01903	-522.8390275	-316.6690275	Varney-2018	-141.2390275
605773.56	5600844.35	76.73194241	54176.8	53686.59	53509.79	54037.01776	-527.2277583	-321.0577583	Varney-2018	-145.6277583
605773.56	5600844.46	76.75230033	54176.8	53684.72	53507.92	54037.01766	-529.0976627	-322.9276627	Varney-2018	-147.4976627
605773.78	5600842.78	76.47773911	54176.8	53677	53500.2	54037.01861	-536.8186105	-330.6486105	Varney-2018	-155.2186105
605773.3	5600841.93	76.2413484	54176.79	53677.67	53500.88	54037.02046	-536.1404626	-329.9704626	Varney-2018	-154.5404626
605774.04	5600841.19	76.22557869	54176.81	53673.74	53496.93	54037.01941	-540.0894098	-333.9194098	Varney-2018	-158.4894098
605775.06	5600840.93	76.3437529	54176.83	53680.58	53503.75	54037.01732	-533.2673175	-327.0973175	Varney-2018	-151.6673175
605775.59	5600839.16	76.09857654	54176.86	53682.44	53505.58	54037.01776	-531.4377583	-325.2677583	Varney-2018	-149.8377583
605776.41	5600837.26	75.87294395	54176.89	53693.01	53516.12	54037.01775	-520.8977506	-314.7277506	Varney-2018	-139.2977506
605777.01	5600838.6	76.221592	54176.9	53701.38	53524.48	54037.01515	-512.5351464	-306.3651464	Varney-2018	-130.9351464
605777.75	5600836.14	75.8734008	54176.92	53702.75	53525.83	54037.01596	-511.1859634	-305.0159634	Varney-2018	-129.5859634
605777.61	5600834.68	75.57439944	54176.91	53709.14	53532.23	54037.01771	-504.7877097	-298.6177097	Varney-2018	-123.1877097
605777.44	5600834.43	75.50049735	54176.9	53707.11	53530.21	54037.01831	-506.8083114	-300.6383114	Varney-2018	-125.2083114
605778.04	5600836.24	75.93815912	54176.87	53712.9	53536.03	54037.01524	-500.9852446	-294.8152446	Varney-2018	-119.3852446
605778.31	5600836.66	76.06077296	54176.84	53709.81	53532.97	54037.01424	-504.0442427	-297.8742427	Varney-2018	-122.4442427
605776.78	5600834.22	75.35804236	54176.79	53708.43	53531.64	54037.01989	-505.3798877	-299.2098877	Varney-2018	-123.7798877
605776.7	5600834.2	75.3418254	54176.74	53708.88	53532.14	54037.02007	-504.8800729	-298.7100729	Varney-2018	-123.2800729
605776.98	5600832.75	75.11138889	54176.71	53710.91	53534.2	54037.0209	-502.8209025	-296.6509025	Varney-2018	-121.2209025
605779.08	5600832.88	75.45941859	54176.68	53707.96	53531.28	54037.0165	-505.7365045	-299.5665045	Varney-2018	-124.1365045
605780.04	5600832.88	75.60728855	54176.68	53723.32	53546.64	54037.01455	-490.3745517	-284.2045517	Varney-2018	-108.7745517
605781.43	5600832.3	75.7088675	54176.68	53728.61	53551.93	54037.01237	-485.0823662	-278.9123662	Varney-2018	-103.4823662
605781.81	5600832.27	75.76131595	54176.73	53731.28	53554.55	54037.01163	-482.4616334	-276.2916334	Varney-2018	-100.8616334
605782.18	5600832.1	75.78492517	54176.78	53743.16	53566.38	54037.01108	-470.6310796	-264.4610796	Varney-2018	-89.03107956
605784.28	5600834.83	76.64500579	54176.82	53748.29	53571.47	54037.0036	-465.5336016	-259.3636016	Varney-2018	-83.9336016
605783.78	5600835.68	76.73405763	54176.86	53746.7	53569.84	54037.00365	-467.1636472	-260.9936472	Varney-2018	-85.56364717
605785.18	5600835.39	76.89665514	54176.86	53741.25	53564.39	54037.00104	-472.611035	-266.441035	Varney-2018	-91.01103501
605786.33	5600836.28	77.25468666	54176.87	53739.44	53562.57	54036.99749	-474.4274925	-268.2574925	Varney-2018	-92.82749248
605787.25	5600837.2	77.58451335	54176.87	53740.72	53563.85	54036.99435	-473.1443474	-266.9743474	Varney-2018	-91.54434739
605787.18	5600837.26	77.58541999	54176.88	53738.51	53561.63	54036.99442	-475.3644221	-269.1944221	Varney-2018	-93.76442209
605788.23	5600835.81	77.45986833	54176.86	53738.95	53562.09	54036.99405	-474.9040495	-268.7340495	Varney-2018	-93.30404947
605787.88	5600834.87	77.21554191	54176.84	53747.94	53571.1	54036.99602	-465.8960152	-259.7260152	Varney-2018	-84.29601525
605788.13	5600833.4	76.95824076	54176.83	53753.2	53576.37	54036.99742	-460.6274153	-254.4574153	Varney-2018	-79.02741528
605789.16	5600832.73	76.98163554	54176.81	53770.06	53593.25	54036.9962	-443.7462015	-237.5762015	Varney-2018	-62.1462015
605788.97	5600831.61	76.72552516	54176.78	53768.41	53591.63	54036.99808	-445.368081	-239.198081	Varney-2018	-63.76808103
605788.17	5600831.35	76.5510221	54176.75	53770.85	53594.1	54037.00002	-442.9000182	-236.7300182	Varney-2018	-61.30001825
605787.83	5600830.81	76.39055404	54176.74	53770.33	53593.59	54037.0014	-443.4113959	-237.2413959	Varney-2018	-61.8113959
605788.22	5600831.24	76.53644793	54176.73	53771.89	53595.16	54037.00006	-441.8400631	-235.6700631	Varney-2018	-60.24006308
605788.45	5600829.56	76.2321235	54176.7	53770.66	53593.96	54037.00182	-443.0418211	-236.8718211	Varney-2018	-61.44182112
605788.16	5600828.66	76.0070636	54176.67	53775.26	53598.59	54037.00356	-438.4135605	-232.2435605	Varney-2018	-56.8135605
605788.02	5600826.94	75.63960732	54176.64	53776.5	53599.86	54037.00607	-437.1460724	-230.9760724	Varney-2018	-55.54607244
605787.46	5600825.83	75.33417857	54176.6	53784.96	53608.36	54037.00854	-428.6485414	-222.4785414	Varney-2018	-47.04854139
605788.59	5600825.23	75.37790638	54176.56	53790.78	53614.22	54037.00728	-422.7872763	-216.6172763	Varney-2018	-41.18727626
605789.18	5600823.62	75.13714086	54176.52	53796.38	53619.86	54037.00837	-417.1483697	-210.9783697	Varney-2018	-35.54836974
605790.63	5600822.13	75.04060557	54176.52	53799.1	53622.58	54037.00789	-414.4278867	-208.2578867	Varney-2018	-32.82788666
605790.75	5600821.68	74.96555932	54176.52	53803.17	53626.65	54037.00831	-410.3583058	-204.1883058	Varney-2018	-28.75830578
605790.46	5600819.56	74.49154616	54176.52	53806.4	53629.88	54037.01172	-407.1317207	-200.9617207	Varney-2018	-25.53172068
605791.11	5600818.82	74.43013735	54176.53	53812.56	53636.03	54037.01169	-400.9816941	-194.8116941	Varney-2018	-19.38169406
605790.66	5600817.98	74.19623758	54176.55	53818.96	53642.41	54037.01358	-394.603582	-188.433582	Varney-2018	-13.00358197
605790.43	5600817.1	73.98498231	54176.57	53821.75	53645.18	54037.01516	-391.835159	-185.665159	Varney-2018	-10.23515904
605790.62	5600817.1	74.01084407	54176.57	53826.44	53649.87	54037.01486	-387.1448629	-180.9748629	Varney-2018	-5.54486288
605791.52	5600816.54	74.01828741	54176.57	53836.36	53659.79	54037.01425	-377.22425	-171.05425	Varney-2018	4.375750032
605792.52	5600816.07	74.05666449	54176.53	53842.93	53666.4	54037.01339	-370.6133853	-164.4433853	Varney-2018	10.98661475
605792.3	5600815.44	73.8969764	54176.49	53851.42	53674.93	54037.01462	-362.0846248	-155.9146248	Varney-2018	19.51537515
605792.06	5600816.43	74.06877746	54176.46	53852.61	53676.15	54037.01357	-360.8635743	-154.6935743	Varney-2018	20.73642568
605792.16	5600817.98	74.40190814	54176.43	53854.75	53678.32	54037.0112	-358.6912041	-152.5212041	Varney-2018	22.9087959
605792.14	5600814.93	73.77035405	54176.42	53859.78	53683.36	54037.0156	-353.6555952	-147.4855952	Varney-2018	27.94440481
605792.5	5600815.52	73.94034848	54176.41	53865	53688.59	54037.01421	-348.4242079	-142.2542079	Varney-2018	33.17579211
605792.36	5600814.85	73.7832438	54176.4	53872.12	53695.72	54037.01538	-341.2953815	-135.1253815	Varney-2018	40.30461847
605792.91	5600814.2	73.7221244	54176.38	53871.11	53694.73	54037.01551	-342.2855056	-136.1155056	Varney-2018	39.31449438

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605792.87	5600814.68	73.81616992	54176.38	53870.66	53694.28	54037.01487	-342.7348679	-136.5648679	Varney-2018	38.86513214
605793.11	5600813.19	73.53934694	54176.37	53873.47	53697.1	54037.01668	-339.9166845	-133.7466845	Varney-2018	41.68331554
605790.89	5600810.84	72.830607	54176.39	53874.54	53698.15	54037.02144	-338.871436	-132.701436	Varney-2018	42.72856396
605791.8	5600813.25	73.37919943	54176.41	53874.94	53698.53	54037.01849	-338.488487	-132.318487	Varney-2018	43.11151304
605791.43	5600814.49	73.5851029	54176.4	53886.44	53710.04	54037.01727	-326.977275	-120.807275	Varney-2018	54.62272504
605790.88	5600810.96	72.84992374	54176.39	53882.72	53706.33	54037.02139	-330.6913879	-124.5213879	Varney-2018	50.9086121
605791.44	5600809.74	72.71180942	54176.38	53881.25	53704.87	54037.02127	-332.1512721	-125.9812721	Varney-2018	49.44872791
605792.89	5600808.75	72.72414678	54176.36	53864.84	53688.48	54037.01992	-348.5399207	-142.3699207	Varney-2018	33.06007925
605793.2	5600809.32	72.86278442	54176.33	53862.47	53686.14	54037.01918	-350.879182	-144.709182	Varney-2018	30.72081802
605792.8	5600806.11	72.25320397	54176.3	53862.81	53686.51	54037.02156	-350.5115634	-144.3415634	Varney-2018	31.0884366
605793.36	5600804.83	72.09833793	54176.29	53859.23	53682.94	54037.02165	-354.0816496	-147.9116496	Varney-2018	27.5183504
605792.18	5600804.19	71.84420907	54176.27	53852.91	53676.64	54037.02338	-360.3833839	-154.2133839	Varney-2018	21.2166161
605791.99	5600803.78	71.75033768	54176.27	53843.53	53667.26	54037.02383	-369.7638278	-163.5938278	Varney-2018	11.83617224
605791.24	5600801.56	71.27811365	54176.26	53843.82	53667.56	54037.02585	-369.4658468	-163.2958468	Varney-2018	12.13415325
605791.23	5600801.49	71.26489073	54176.26	53846.21	53669.95	54037.02589	-367.0758942	-160.9058942	Varney-2018	14.5241058
605790.9	5600801.44	71.2176201	54176.26	53843.5	53667.24	54037.02627	-369.786269	-163.616269	Varney-2018	11.81373104
605790.95	5600802.15	71.34545147	54176.26	53839.93	53663.67	54037.02585	-373.3558489	-167.1858489	Varney-2018	8.244151065
605790.91	5600800.61	71.0762444	54176.25	53839.77	53663.52	54037.02669	-373.5066866	-167.3366866	Varney-2018	8.093313392
605790.88	5600801.21	71.17578433	54176.25	53837.88	53661.63	54037.02641	-375.3964085	-169.2264085	Varney-2018	6.203591489
605791.75	5600802.55	71.50899863	54176.24	53836.94	53660.7	54037.02477	-376.3247682	-170.1547682	Varney-2018	5.275231842
605791.81	5600802.39	71.48845351	54176.24	53838.8	53662.56	54037.02479	-374.4647899	-168.2947899	Varney-2018	7.135210106
605792.23	5600802.22	71.50868158	54176.24	53834.69	53658.45	54037.02443	-378.5744284	-172.4044284	Varney-2018	3.025571608
605794.68	5600796.2	70.73609001	54176.25	53837.03	53660.78	54037.02563	-376.2456303	-170.0756303	Varney-2018	5.354369733
605794.22	5600794.59	70.40207287	54176.27	53831.98	53655.71	54037.02704	-381.3170425	-175.1470425	Varney-2018	0.282957512
605795.9	5600797.22	71.05259311	54176.25	53840.83	53664.58	54037.02386	-372.4438587	-166.2738587	Varney-2018	9.156141315
605797.34	5600798.02	71.35754684	54176.22	53837.34	53661.12	54037.02196	-375.9019561	-169.7319561	Varney-2018	5.698043862
605797.49	5600796.09	71.02729169	54176.2	53844.25	53668.05	54037.02323	-368.9732276	-162.8032276	Varney-2018	12.62677236
605797.25	5600796.93	71.15162369	54176.18	53844.68	53668.5	54037.02283	-368.5228305	-162.3528305	Varney-2018	13.07716951
605796.61	5600796.82	71.06054622	54176.16	53845.87	53669.71	54037.02349	-367.3134888	-161.1434888	Varney-2018	14.28651124
605797.76	5600797.31	71.27701436	54176.13	53857.79	53681.66	54037.02209	-355.362086	-149.192086	Varney-2018	26.23791401
605797.84	5600795.84	71.02089769	54176.13	53863.25	53687.12	54037.02311	-349.9031055	-143.7331055	Varney-2018	31.69689448
605795.39	5600794.46	70.50617874	54176.12	53874.4	53698.28	54037.02616	-338.7461567	-132.5761567	Varney-2018	42.85384332
605797.41	5600790.9	70.08531654	54176.12	53891.24	53715.12	54037.02708	-321.9070842	-115.7370842	Varney-2018	59.69291584
605797.48	5600792.78	70.43078033	54176.12	53901.67	53725.55	54037.02566	-311.4756587	-105.3056587	Varney-2018	70.12434129
605799.75	5600790.91	70.33075694	54176.13	53911.15	53735.02	54037.02542	-302.0054158	-95.83541582	Varney-2018	79.59458418
605799.48	5600789.91	70.1202863	54176.14	53921.92	53745.78	54037.02641	-291.246405	-85.07640501	Varney-2018	90.35359499
605799.78	5600789.85	70.14018718	54176.14	53929.81	53753.67	54037.02625	-283.3562504	-77.18625035	Varney-2018	98.24374965
605800.27	5600786.25	69.53055168	54176.13	53930.86	53754.73	54037.02888	-282.2988841	-76.12888412	Varney-2018	99.30111588
605800.34	5600784.65	69.24395902	54176.14	53932.66	53756.52	54037.03017	-280.5101664	-74.34016639	Varney-2018	101.0898336
605800.72	5600783.26	69.02496623	54176.15	53944.13	53767.98	54037.03114	-269.05114	-62.88114	Varney-2018	112.54886
605800.49	5600782.6	68.88201576	54176.14	53947.96	53771.82	54037.03179	-265.2117937	-59.0417937	Varney-2018	116.3882063
605801.12	5600781.85	68.80283575	54176.13	53955.6	53779.47	54037.03216	-257.5621571	-51.39215709	Varney-2018	124.0378429
605799.83	5600781.21	68.56600876	54176.12	53958.72	53782.6	54037.03321	-254.4332065	-48.26320649	Varney-2018	127.1667935
605799.84	5600780.68	68.47004375	54176.11	53957.01	53780.9	54037.03363	-256.1336315	-49.96363152	Varney-2018	125.4663685
605800.87	5600781.09	68.63971036	54176.08	53955.99	53779.91	54037.0329	-257.1229009	-50.95290094	Varney-2018	124.4770991
605801.33	5600780.56	68.58414701	54176.04	53962.3	53786.26	54037.03318	-250.7731778	-44.60317775	Varney-2018	130.8268222
605801.75	5600780.08	68.5336124	54176.02	53963.1	53787.08	54037.03344	-249.9534411	-43.78344108	Varney-2018	131.6465589
605802.17	5600780.14	68.58285086	54176	53967.87	53791.87	54037.03324	-245.1632393	-38.99323926	Varney-2018	136.4367607
605801.82	5600780.53	68.62332722	54175.99	53965.38	53789.39	54037.03302	-247.6430228	-41.47302282	Varney-2018	133.9569772
605801.75	5600780.42	68.59657004	54175.98	53965.17	53789.19	54037.03314	-247.8431446	-41.67314456	Varney-2018	133.7568554
605801.91	5600780.41	68.60929691	54175.98	53965.13	53789.15	54037.03309	-247.8830949	-41.71309492	Varney-2018	133.7169051
605801.83	5600780.58	68.63350329	54175.98	53965.97	53789.99	54037.03298	-247.0429754	-40.8729754	Varney-2018	134.5570246
605800.88	5600779.29	68.30926435	54175.98	53966.39	53790.41	54037.03442	-246.6244154	-40.45441539	Varney-2018	134.9755846
605801.75	5600779.28	68.38547678	54175.98	53964.81	53788.83	54037.03414	-248.2041388	-42.03413876	Varney-2018	133.3958612
605801.25	5600780.39	68.54546932	54175.96	53964.42	53788.46	54037.03335	-248.5733528	-42.4033528	Varney-2018	133.0266472
605801.05	5600780.57	68.56042552	54175.93	53965.06	53789.13	54037.03327	-247.9032728	-41.73327279	Varney-2018	133.6967272
605801.37	5600779.84	68.45481589	54175.91	53965.58	53789.67	54037.03378	-247.3637819	-41.19378189	Varney-2018	134.2362181
605801.23	5600778.42	68.18013229	54175.89	53967.66	53791.77	54037.03504	-245.2650444	-39.09504445	Varney-2018	136.3349556
605802.09	5600777.18	68.02624008	54175.87	53972.67	53796.8	54037.03588	-240.2358822	-34.06588222	Varney-2018	141.3641178
605801.41	5600776.77	67.89125464	54175.84	53969.62	53793.78	54037.03641	-243.2564111	-37.08641108	Varney-2018	138.3435889
605800.99	5600776.32	67.77197667	54175.82	53969.15	53793.33	54037.0369	-243.7068953	-37.53689525	Varney-2018	137.8931047
605800.8	5600776.37	67.76482674	54175.8	53964.55	53788.75	54037.0369	-248.286897	-42.11689698	Varney-2018	133.313103
605800.39	5600776.23	67.70383276	54175.78	53965.82	53790.04	54037.03711	-246.997108	-40.82710795	Varney-2018	134.602892
605800.61	5600775.31	67.55368234	54175.76	53962.1	53786.34	54037.03783	-250.6978258	-44.52782578	Varney-2018	130.9021742

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605798.66	5600776.02	67.51707645	54175.77	53963.36	53787.59	54037.03766	-249.4476632	-43.27766322	Varney-2018	132.1523368
605798.65	5600777.08	67.70842952	54175.78	53975.61	53799.83	54037.03685	-237.206849	-31.03684899	Varney-2018	144.393151
605805.08	5600778.18	68.47600948	54175.8	53972.27	53796.47	54037.03413	-240.5641273	-34.39412732	Varney-2018	141.0358727
605805.17	5600776.1	68.08999827	54175.83	53970.76	53794.93	54037.03615	-242.1061488	-35.93614881	Varney-2018	139.4938512
605805.1	5600774.06	67.69778381	54175.84	53969.05	53793.21	54037.03817	-243.8281681	-37.65816808	Varney-2018	137.7718319
605805.63	5600773.7	67.673516	54175.85	53964.78	53788.93	54037.03845	-248.1084452	-41.93844519	Varney-2018	133.4915548
605804.73	5600772.69	67.40824212	54175.85	53952.71	53776.86	54037.03955	-260.1795548	-54.00955477	Varney-2018	121.4204452
605804.63	5600771.72	67.21701224	54175.84	53943.37	53767.53	54037.0405	-269.5105036	-63.3405036	Varney-2018	112.0894964
605805.22	5600770.92	67.1128468	54175.81	53936.37	53760.56	54037.04125	-276.4812458	-70.31124576	Varney-2018	105.1187542
605806.13	5600769.07	66.832467	54175.77	53930.67	53754.9	54037.04308	-282.1430772	-75.97307722	Varney-2018	99.45692278
605805.95	5600767.28	66.47782944	54175.74	53933.29	53757.55	54037.04488	-279.4948839	-73.32488388	Varney-2018	102.1051161
605806.47	5600767.53	66.56450739	54175.71	53935.84	53760.13	54037.04466	-276.9146618	-70.74466176	Varney-2018	104.6853382
605805.79	5600766.71	66.35745406	54175.71	53929.29	53753.58	54037.04545	-283.465446	-77.29544597	Varney-2018	98.13455403
605806.31	5600765.41	66.14794861	54175.7	53926.88	53751.18	54037.04682	-285.8668189	-79.69681889	Varney-2018	95.73318111
605806.53	5600765.26	66.1352435	54175.72	53920.76	53745.04	54037.047	-292.0070015	-85.83700145	Varney-2018	89.59299855
605806.39	5600765.33	66.13847834	54175.74	53919.56	53743.82	54037.04691	-293.2269111	-87.05691111	Varney-2018	88.37308889
605807.15	5600764.38	66.01126714	54175.77	53917.42	53741.65	54037.04801	-295.3980075	-89.22800754	Varney-2018	86.20199246
605807.12	5600763.42	65.82498161	54175.81	53912.17	53736.36	54037.04901	-300.6890093	-94.51900928	Varney-2018	80.91099072
605807.7	5600762.66	65.7192946	54175.82	53913.06	53737.24	54037.04993	-299.8099329	-93.6399329	Varney-2018	81.7900671
605808.76	5600762.19	65.70146421	54175.83	53910.55	53734.72	54037.05068	-302.3306827	-96.16068266	Varney-2018	79.26931734
605810.39	5600762.33	65.84062237	54175.82	53905.77	53729.95	54037.0509	-307.1009022	-100.9309022	Varney-2018	74.49909784
605810.68	5600760.94	65.58779287	54175.81	53905.6	53729.79	54037.05259	-307.2625888	-101.0925888	Varney-2018	74.33741125
605812.06	5600758.82	65.26062483	54175.81	53900.53	53724.72	54037.05554	-312.3355353	-106.1655353	Varney-2018	69.26446466
605812.49	5600759.64	65.45105308	54175.8	53897	53721.2	54037.05468	-315.8546791	-109.6846791	Varney-2018	65.74532094
605813.16	5600759.38	65.44304713	54175.78	53893.51	53717.73	54037.05522	-319.3252162	-113.1552162	Varney-2018	62.27478383
605813.93	5600759.06	65.42906912	54175.75	53892.97	53717.22	54037.05587	-319.8358746	-113.6658746	Varney-2018	61.76412544
605814.45	5600758.55	65.36024074	54175.76	53891.85	53716.09	54037.05671	-320.9667073	-114.7967073	Varney-2018	60.6332927
605815.21	5600758.09	65.31606583	54175.77	53894.01	53718.24	54037.05758	-318.8175806	-112.6475806	Varney-2018	62.78241938
605815.61	5600757.89	65.30098744	54175.79	53893.22	53717.43	54037.05799	-319.6279936	-113.4579936	Varney-2018	61.9720064
605816.13	5600757.3	65.21410597	54175.82	53898.86	53723.04	54037.05898	-314.0189821	-107.8489821	Varney-2018	67.58101794
605816.01	5600756.6	65.064625	54175.83	53899.75	53723.92	54037.05987	-313.1398732	-106.9698732	Varney-2018	68.46012682
605817	5600756.58	65.12155403	54175.85	53903.56	53727.71	54037.06031	-309.3503141	-103.1803141	Varney-2018	72.24968589
605817.59	5600755.91	65.02069106	54175.83	53917.29	53741.46	54037.06149	-295.6014939	-89.43149394	Varney-2018	85.99850606
605818.14	5600754.25	64.71303675	54175.81	53924.79	53748.98	54037.06408	-288.0840778	-81.91407783	Varney-2018	93.51592217
605819.57	5600754.86	64.92341702	54175.78	53922.96	53747.18	54037.0639	-289.8838963	-83.71389631	Varney-2018	91.71610369
605820.1	5600755.66	65.12125422	54175.74	53924.38	53748.64	54037.06297	-288.4229679	-82.2529679	Varney-2018	93.1770321
605821.26	5600756.33	65.33164378	54175.7	53923.31	53747.61	54037.06247	-289.4524744	-83.28247435	Varney-2018	92.14752565
605822.45	5600756.98	65.54160603	54175.65	53930.61	53754.96	54037.06197	-282.1019729	-75.93197289	Varney-2018	99.49802711
605823.56	5600757.52	65.7251121	54175.62	53931.97	53756.35	54037.06156	-280.7115647	-74.54156466	Varney-2018	100.8884353
605824.91	5600757.97	65.90608039	54175.59	53933.14	53757.55	54037.06135	-279.5113527	-73.34135273	Varney-2018	102.0886473
605825.56	5600759.65	66.30786784	54175.58	53937.49	53761.91	54037.05882	-275.1488153	-68.97881534	Varney-2018	106.4511847
605826.04	5600759.55	66.31773639	54175.57	53931.9	53756.33	54037.05913	-280.7291347	-74.55913472	Varney-2018	100.8708653
605826.48	5600756.65	65.72064374	54175.58	53931.79	53756.21	54037.06416	-280.8541616	-74.6841616	Varney-2018	100.7458384
605827.54	5600755.34	65.50161742	54175.59	53931.41	53755.82	54037.06686	-281.2468552	-75.07685519	Varney-2018	100.3531448
605828.08	5600755.68	65.60809828	54175.61	53930.93	53755.32	54037.06651	-281.7465124	-75.57651238	Varney-2018	99.85348762
605830.03	5600755.68	65.72604789	54175.64	53935.64	53760	54037.06739	-277.0673857	-70.89738571	Varney-2018	104.5326143
605830.89	5600757.36	66.14978442	54175.64	53933.47	53757.83	54037.0647	-279.234697	-73.06469702	Varney-2018	102.365303
605831.44	5600757.27	66.16422191	54175.64	53935.7	53760.06	54037.06508	-277.0050793	-70.83507928	Varney-2018	104.5949207
605832.7	5600757.95	66.39489836	54175.61	53935.13	53759.52	54037.06429	-277.5442931	-71.37429311	Varney-2018	104.0557069
605832.84	5600758.15	66.44849528	54175.58	53936.48	53760.9	54037.06397	-276.1639666	-69.99396662	Varney-2018	105.4360334
605833.31	5600758.41	66.53666902	54175.57	53938.57	53763	54037.06364	-274.0636426	-67.89364257	Varney-2018	107.5363574
605834.47	5600758.71	66.76784884	54175.56	53936.65	53761.09	54037.0611	-275.9711022	-69.80110219	Varney-2018	105.6288978
605835.23	5600758.22	66.80735927	54175.56	53942	53766.44	54037.05963	-270.6196339	-64.44963386	Varney-2018	110.9803661
605835.43	5600757.64	66.71569431	54175.55	53941.98	53766.43	54037.06013	-270.6301328	-64.46013277	Varney-2018	110.9698672
605835.28	5600757.44	66.64097356	54175.59	53940.82	53765.23	54037.061	-271.8309992	-65.66099921	Varney-2018	109.7690008
605835.49	5600757.48	66.69132694	54175.63	53944.59	53768.96	54037.06026	-268.1002559	-61.93025591	Varney-2018	113.4997441
605835.71	5600756.85	66.59205267	54175.65	53945.44	53769.79	54037.0608	-267.2707957	-61.10079571	Varney-2018	114.3292043
605835.82	5600756.67	66.57289734	54175.67	53944.72	53769.05	54037.0608	-268.0108024	-61.84080238	Varney-2018	113.5891976
605836.65	5600756.05	66.59496567	54175.67	53942.38	53766.71	54037.05942	-270.3494152	-64.1794152	Varney-2018	111.2505848
605836.2	5600756.17	66.53410784	54175.68	53941.35	53765.67	54037.06059	-271.3905911	-65.22059111	Varney-2018	110.2094089
605836.43	5600755.69	66.47026355	54175.67	53943.65	53767.98	54037.06082	-269.0808175	-62.91081754	Varney-2018	112.5191825
605837.76	5600754.54	66.46819077	54175.66	53940	53764.34	54037.05896	-272.7189555	-66.54895553	Varney-2018	108.8810445
605837.62	5600753.87	66.28839636	54175.63	53941.14	53765.51	54037.06073	-271.5507311	-65.38073113	Varney-2018	110.0492689
605838.91	5600752.43	66.20947795	54175.6	53941.82	53766.22	54037.05965	-270.839654	-64.66965405	Varney-2018	110.760346

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605839.41	5600750.78	65.92808847	54175.58	53941.3	53765.72	54037.06148	-271.3414788	-65.17147882	Varney-2018	110.2585212
605839.05	5600750.65	65.82931228	54175.55	53939.33	53763.78	54037.06284	-273.2828353	-67.11283532	Varney-2018	108.3171647
605838.84	5600750.19	65.68390438	54175.53	53939	53763.47	54037.0644	-273.5944035	-67.42440346	Varney-2018	108.0055965
605838.69	5600750.06	65.6255006	54175.5	53941.05	53765.55	54037.06512	-271.5151198	-65.34511984	Varney-2018	110.0848802
605838.41	5600749.75	65.50118662	54175.48	53940.33	53764.85	54037.06659	-272.2165908	-66.04659076	Varney-2018	109.3834092
605838.64	5600749.17	65.41261663	54175.45	53936.12	53760.67	54037.06707	-276.3970691	-70.22706912	Varney-2018	105.2029309
605838.81	5600748.83	65.36729861	54175.45	53935.8	53760.35	54037.06725	-276.7172466	-70.54724656	Varney-2018	104.8827534
605839.15	5600748.53	65.36336086	54175.44	53934.11	53758.67	54037.06684	-278.3968367	-72.22683667	Varney-2018	103.2031633
605839.57	5600747.97	65.31488583	54175.43	53934.32	53758.89	54037.06672	-278.176722	-72.00672203	Varney-2018	103.423278
605840.2	5600747.18	65.25300002	54175.42	53936.82	53761.4	54037.06646	-275.6664649	-69.49646486	Varney-2018	105.9335351
605840.33	5600747.24	65.2913658	54175.42	53936.97	53761.55	54037.06596	-275.5159562	-69.34595623	Varney-2018	106.0840438
605840.15	5600747.65	65.35144311	54175.43	53934.76	53759.33	54037.06565	-277.7356495	-71.56564953	Varney-2018	103.8643505
605843.15	5600743.93	65.05752583	54175.44	53934.17	53758.73	54037.06457	-278.3345736	-72.16457363	Varney-2018	103.2654264
605843.65	5600743.38	65.02318291	54175.45	53935.39	53759.94	54037.06429	-277.1242887	-70.95428865	Varney-2018	104.4757113
605843.18	5600743.83	65.03994505	54175.47	53935.66	53760.19	54037.0647	-276.8746976	-70.70469758	Varney-2018	104.7253024
605843.34	5600743.53	65.00022395	54175.49	53937.49	53762	54037.06487	-275.0648676	-68.89486762	Varney-2018	106.5351324
605843.45	5600743.21	64.94648253	54175.49	53936.43	53760.94	54037.06523	-276.1252262	-69.95522621	Varney-2018	105.4747738
605844.36	5600742.11	64.8599297	54175.49	53940.23	53764.74	54037.06495	-272.3249456	-66.15494557	Varney-2018	109.2750544
605845.42	5600740.78	64.74587321	54175.47	53942.42	53766.95	54037.06477	-270.1147732	-63.94477316	Varney-2018	111.4852268
605845.36	5600740.23	64.6064239	54175.45	53945.64	53770.19	54037.06613	-266.8761274	-60.70612742	Varney-2018	114.7238726
605845.69	5600740.47	64.72321088	54175.45	53941.18	53765.73	54037.06468	-271.334676	-65.16467598	Varney-2018	110.265324
605845.33	5600739.91	64.52621415	54175.46	53941.37	53765.91	54037.0669	-271.1569009	-64.9869009	Varney-2018	110.4430991
605846.38	5600739.58	64.64183398	54175.46	53941.48	53766.02	54037.06466	-271.044655	-64.87465502	Varney-2018	110.555345
605846.32	5600738.63	64.40838928	54175.45	53950.73	53775.28	54037.06689	-261.7868868	-55.61688683	Varney-2018	119.8131132
605846.36	5600738.57	64.40164959	54175.43	53954.22	53778.79	54037.06691	-258.2769053	-52.1069053	Varney-2018	123.3230947
605846.44	5600739.62	64.66221157	54175.41	53954.18	53778.77	54037.0644	-258.2943991	-52.12439915	Varney-2018	123.3056009
605846.67	5600738.58	64.46063774	54175.41	53954.48	53779.07	54037.06602	-257.9960169	-51.82601694	Varney-2018	123.6039831
605846.42	5600741.06	64.99581504	54175.42	53960.9	53785.48	54037.06133	-251.5813257	-45.41132571	Varney-2018	130.0186743
605846.55	5600741.24	65.06198546	54175.41	53959.01	53783.6	54037.06056	-253.4605643	-47.29056426	Varney-2018	128.1394357
605846.53	5600741.11	65.02783253	54175.39	53962.66	53787.27	54037.0609	-249.7909041	-43.62090405	Varney-2018	131.8090959
605846.75	5600740.82	65.00045166	54175.38	53963.84	53788.46	54037.06091	-248.6009102	-42.43091025	Varney-2018	132.9990898
605846.74	5600741.17	65.08066696	54175.37	53968.89	53793.52	54037.06018	-243.5401757	-37.37017574	Varney-2018	138.0598243
605847.06	5600740.65	65.01771508	54175.35	53968.34	53792.99	54037.0604	-244.0704016	-37.90040158	Varney-2018	137.5295984
605847.78	5600740.15	65.03277272	54175.32	53966.81	53791.49	54037.05946	-245.5694595	-39.39945951	Varney-2018	136.0305405
605847.74	5600739.75	64.93133857	54175.31	53967.6	53792.29	54037.06045	-244.7704523	-38.60045233	Varney-2018	136.8295477
605847.78	5600740.15	65.03277272	54175.29	53966.54	53791.25	54037.05946	-245.8094595	-39.63945951	Varney-2018	135.7905405
605848.79	5600739.98	65.17839002	54175.29	53966.17	53790.88	54037.05698	-246.1769822	-40.00698216	Varney-2018	135.4230178
605848.46	5600739.36	64.97159423	54175.3	53964.99	53789.69	54037.05929	-247.3692862	-41.1992862	Varney-2018	134.2307138
605847.55	5600738.76	64.66375042	54175.31	53964.46	53789.15	54037.06316	-247.9131616	-41.74316157	Varney-2018	133.6868384
605848.32	5600738.41	64.7220865	54175.32	53961.37	53786.05	54037.06178	-251.01178	-44.84178	Varney-2018	130.58822
605848.7	5600738.74	64.86932564	54175.32	53960.4	53785.08	54037.05999	-251.9799869	-45.8099869	Varney-2018	129.6200131
605849.97	5600734.6	64.37253682	54175.31	53966.85	53791.54	54037.05905	-245.5190452	-39.34904523	Varney-2018	136.0809548
605850.24	5600731.61	64.03837366	54175.29	53975.18	53799.89	54037.05638	-237.1663831	-30.99638306	Varney-2018	144.4336169
605849.71	5600730.1	63.75416003	54175.26	53973.39	53798.13	54037.05673	-238.9267341	-32.75673413	Varney-2018	142.6732659
605849.83	5600729.72	63.72642903	54175.23	53975.67	53800.44	54037.05618	-236.6161806	-30.44618064	Varney-2018	144.9838194
605851.91	5600730.04	64.1246979	54175.19	53978.2	53803.01	54037.05118	-234.0411763	-27.87117626	Varney-2018	147.5588237
605852.95	5600729.82	64.27450431	54175.16	53978.42	53803.26	54037.04845	-233.7884473	-27.61844729	Varney-2018	147.8115527
605853.19	5600730.49	64.40411349	54175.13	53978.56	53803.43	54037.04821	-233.6182085	-27.44820854	Varney-2018	147.9817915
605853.93	5600730.06	64.47458239	54175.12	53978.81	53803.69	54037.04612	-233.3561202	-27.18612018	Varney-2018	148.2438798
605854.37	5600728.58	64.35245079	54175.1	53981.62	53806.52	54037.04428	-230.5242831	-24.35428313	Varney-2018	151.0757169
605854.45	5600727.44	64.21356975	54175.13	53986.18	53811.05	54037.04353	-225.9935255	-19.82352547	Varney-2018	155.6064745
605854.31	5600726.97	64.1272456	54175.16	53988.43	53813.27	54037.04363	-223.7736292	-17.60362922	Varney-2018	157.8263708
605854.03	5600726.71	64.0456965	54175.19	53989.45	53814.26	54037.04417	-222.7841675	-16.61416751	Varney-2018	158.8158325
605853.49	5600726.66	63.94876846	54175.22	53990.83	53815.61	54037.04543	-221.4354288	-15.26542876	Varney-2018	160.1645712
605853.31	5600726.38	63.88167616	54175.2	53990.88	53815.68	54037.04571	-221.3657079	-15.19570792	Varney-2018	160.2342921
605853.54	5600725.98	63.86704553	54175.18	53996.9	53821.72	54037.04495	-215.3249518	-9.154951824	Varney-2018	166.2750482
605853	5600724.31	63.55732078	54175.16	53998.22	53823.06	54037.04531	-213.9853127	-7.815312668	Varney-2018	167.6146873
605853.55	5600724.46	63.66732831	54175.13	53994.45	53819.32	54037.04413	-217.724129	-11.55412902	Varney-2018	163.875871
605853.45	5600723.15	63.47754517	54175.13	54003.36	53828.23	54037.04367	-208.8136654	-2.64366545	Varney-2018	172.7863346
605853.97	5600724.46	63.73624643	54175.12	54007.34	53832.22	54037.04316	-204.8231626	1.346837426	Varney-2018	176.7768374
605854.73	5600724.85	63.9132686	54175.13	54007.91	53832.78	54037.0416	-204.2616018	1.908398238	Varney-2018	177.3383982
605855.57	5600723.91	63.92437061	54175.14	54011.64	53836.5	54037.03923	-200.5392329	5.630767098	Varney-2018	181.0607671
605855.33	5600722	63.62737045	54175.15	54023.12	53847.97	54037.0389	-189.0689021	17.10109791	Varney-2018	192.5310979
605855.69	5600722.06	63.69333353	54175.17	54023.64	53848.47	54037.03813	-188.5681333	17.60186665	Varney-2018	193.0318667

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605856.17	5600721	63.62616737	54175.16	54022.24	53847.08	54037.03662	-189.9566173	16.21338275	Varney-2018	191.6433827
605857.03	5600720.9	63.74938947	54175.15	54022.87	53847.72	54037.03471	-189.3147091	16.85529094	Varney-2018	192.2852909
605858.46	5600721.12	64.00757834	54175.14	54024.79	53849.65	54037.03168	-187.381683	18.78831698	Varney-2018	194.218317
605859.65	5600723.02	64.46521901	54175.13	54025.32	53850.19	54037.02966	-186.8396613	19.33033873	Varney-2018	194.7603387
605860.94	5600722.72	64.63145274	54175.1	54025.69	53850.59	54037.02669	-186.4366863	19.73331368	Varney-2018	195.1633137
605861.04	5600721.88	64.52753252	54175.07	54027.04	53851.97	54037.02625	-185.0562544	21.11374559	Varney-2018	196.5437456
605861.31	5600721.54	64.52212838	54175.04	54027.41	53852.37	54037.02558	-184.6555781	21.51442193	Varney-2018	196.9444219
605862.11	5600720.46	64.49412249	54175	54028.12	53853.12	54037.0236	-183.903599	22.26640101	Varney-2018	197.696401
605862.56	5600720.44	64.56254473	54174.98	54032.58	53857.6	54037.02263	-179.4226265	26.74737354	Varney-2018	202.1773735
605862.97	5600719.7	64.51973024	54174.95	54033.06	53858.11	54037.02161	-178.9116137	27.25838631	Varney-2018	202.6883863
605863.49	5600719.61	64.58842175	54174.94	54031.53	53856.59	54037.02049	-180.4304948	25.73950517	Varney-2018	201.1695052
605864.14	5600719.77	64.71423975	54174.92	54031.26	53856.34	54037.01914	-180.6791374	25.49086264	Varney-2018	200.9208626
605863.93	5600720.19	64.74289808	54174.93	54029.3	53854.37	54037.01964	-182.6496431	23.52035685	Varney-2018	198.9503569
605865.49	5600718.03	64.66733268	54174.94	54026.5	53851.56	54037.01612	-185.4561217	20.71387832	Varney-2018	196.1438783
605865.96	5600717.22	64.61885998	54174.94	54025.05	53850.11	54037.0151	-186.9050993	19.26490068	Varney-2018	194.6949007
605866.21	5600716.4	64.53419714	54174.94	54029.98	53855.04	54037.01455	-181.9745452	24.19545482	Varney-2018	199.6254548
605866.27	5600716.11	64.49978735	54174.94	54028.89	53853.95	54037.01441	-183.0644094	23.10559058	Varney-2018	198.5355906
605866.78	5600714.46	64.32839281	54174.93	54028.15	53853.22	54037.01334	-183.7933361	22.37666386	Varney-2018	197.8066639
605866.84	5600713.73	64.22711854	54174.93	54032.44	53857.51	54037.0132	-179.5031964	26.66680358	Varney-2018	202.0968036
605866.26	5600712.28	63.92277307	54174.93	54032.36	53857.43	54037.01422	-179.5842214	26.58577856	Varney-2018	202.0157786
605866.65	5600711.71	63.89416819	54174.9	54030.62	53855.72	54037.01348	-181.2934776	24.87652243	Varney-2018	200.3065224
605866.8	5600710.57	63.74395211	54174.87	54035.44	53860.57	54037.01316	-176.4431643	29.72683569	Varney-2018	205.1568357
605867.07	5600709.91	63.68309452	54174.82	54033.61	53858.79	54037.01267	-178.2226662	27.94733383	Varney-2018	203.3773338
605867.54	5600708.73	63.57123807	54174.77	54033.43	53858.66	54037.01183	-178.3518304	27.81816965	Varney-2018	203.2481696
605867.33	5600707.72	63.38812571	54174.74	54023.29	53848.55	54037.01218	-188.4621763	17.70782372	Varney-2018	193.1378237
605867.45	5600707.88	63.42931534	54174.7	54020.76	53846.06	54037.01198	-190.9519763	15.2180237	Varney-2018	190.6480237
605867.64	5600707.54	63.40434377	54174.69	54019.35	53844.66	54037.01165	-192.3516549	13.81834508	Varney-2018	189.2483451
605867.93	5600707.04	63.36877221	54174.68	54016.14	53841.46	54037.01117	-195.5511735	10.61882651	Varney-2018	186.0488265
605867.83	5600705.86	63.17490343	54174.68	54013.95	53839.27	54037.01134	-197.7413436	8.428656368	Varney-2018	183.8586564
605869.28	5600705.79	63.36430985	54174.69	54014.2	53839.51	54037.00901	-197.4990117	8.670988277	Varney-2018	184.1009883
605870.02	5600705.11	63.36066782	54174.69	54010.64	53835.95	54037.00788	-201.0578794	5.11212056	Varney-2018	180.5421206
605870.27	5600705.02	63.38089845	54174.69	54009.51	53834.82	54037.00749	-202.1874921	3.982507852	Varney-2018	179.4125079
605871.07	5600705.04	63.49356476	54174.69	54005.51	53830.82	54037.00623	-206.1862258	-0.016225794	Varney-2018	175.4137742
605871.47	5600705.04	63.54833926	54174.69	54004.03	53829.34	54037.00559	-207.6655936	-1.495593561	Varney-2018	173.9344064
605872.11	5600704.91	63.61538146	54174.69	54002.45	53827.76	54037.0046	-209.2446031	-3.074603145	Varney-2018	172.3553969
605873.61	5600706.13	64.0163669	54174.68	54000.39	53825.71	54037.00197	-211.2919731	-5.121973064	Varney-2018	170.3080269
605874.43	5600705.46	64.02157718	54174.67	53997.71	53823.04	54037.00081	-213.9608105	-7.79081053	Varney-2018	167.6391895
605874.31	5600705.21	63.9646957	54174.65	53990.34	53815.69	54037.00106	-221.3110632	-15.14106316	Varney-2018	160.2889368
605874.08	5600704.34	63.79290775	54174.64	53990.03	53815.39	54037.00163	-221.6116333	-15.44163332	Varney-2018	159.9883667
605873.99	5600704.13	63.74684747	54174.62	53985.73	53811.11	54037.00182	-225.8918221	-19.72182206	Varney-2018	155.7081779
605873.76	5600703.43	63.60312288	54174.58	53982.94	53808.36	54037.00233	-228.6423346	-22.47233459	Varney-2018	152.9576654
605873.22	5600701.54	63.22801089	54174.54	53969.38	53794.84	54037.00354	-242.1635413	-35.99354126	Varney-2018	139.4364587
605873.1	5600700.9	63.10987927	54174.51	53964.32	53789.81	54037.00384	-247.193843	-41.02384301	Varney-2018	134.406157
605873.62	5600700.13	63.05445255	54174.47	53961.15	53786.68	54037.00327	-250.3232694	-44.15326941	Varney-2018	131.2767306
605874.77	5600699.32	63.07268603	54174.46	53961.62	53787.16	54037.00187	-249.841873	-43.67187298	Varney-2018	131.758127
605876.29	5600698.59	63.14874521	54174.44	53955.71	53781.27	54037.00003	-255.7300251	-49.56002506	Varney-2018	125.8699749
605877.26	5600697.74	63.13203145	54174.42	53957.02	53782.6	54036.99902	-254.3990247	-48.22902474	Varney-2018	127.2009753
605878.45	5600697.15	63.1841297	54174.4	53963.33	53788.93	54036.9977	-248.0677009	-41.89770092	Varney-2018	133.5322991
605878.74	5600696.23	63.06634955	54174.37	53962.55	53788.18	54036.9977	-248.8177034	-42.64770344	Varney-2018	132.7822966
605878.48	5600695.24	62.86827702	54174.34	53964.61	53790.27	54036.99842	-246.7284245	-40.55842448	Varney-2018	134.8715755
605879.35	5600694.37	62.82884097	54174.33	53964.73	53790.4	54036.99774	-246.5977409	-40.42774094	Varney-2018	135.0022591
605878.86	5600694.3	62.75730144	54174.32	53966.89	53792.57	54036.99835	-244.4283504	-38.25835038	Varney-2018	137.1716496
605879.22	5600694.6	62.85170625	54174.3	53967.53	53793.23	54036.9978	-243.7677969	-37.59779686	Varney-2018	137.8322031
605879.02	5600694.51	62.81210955	54174.28	53967.24	53792.96	54036.99807	-244.0380732	-37.86807323	Varney-2018	137.5619268
605879.17	5600694.35	62.80351177	54174.24	53968.47	53794.23	54036.99796	-242.7679627	-36.59796269	Varney-2018	138.8320373
605879.08	5600694.24	62.7740325	54174.2	53967.69	53793.49	54036.99812	-243.5081156	-37.33811559	Varney-2018	138.0918844
605879.21	5600694.06	62.75956512	54174.17	53967.5	53793.33	54036.99804	-243.6680389	-37.49803891	Varney-2018	137.9319611
605879.16	5600694.1	62.76021781	54174.14	53967.72	53793.58	54036.99808	-243.4180806	-37.2480806	Varney-2018	138.1819194
605879.05	5600694.11	62.74851894	54174.12	53967.74	53793.62	54036.99821	-243.3782056	-37.20820561	Varney-2018	138.2217944
605878.95	5600693.43	62.62211184	54174.1	53968.36	53794.26	54036.99861	-242.7386063	-36.56860633	Varney-2018	138.8613937
605879.15	5600691.85	62.38036627	54174.1	53963.25	53789.15	54036.99905	-247.8490461	-41.67904614	Varney-2018	133.7509539
605878.92	5600692.56	62.47236497	54174.09	53963.15	53789.06	54036.999	-247.9390022	-41.7690022	Varney-2018	133.6609978
605880.58	5600692.66	62.68773954	54174.09	53962.37	53788.28	54036.9971	-248.7170993	-42.54709933	Varney-2018	132.8829007
605880.38	5600691.29	62.43091145	54174.1	53965.68	53791.58	54036.99797	-245.4179669	-39.24796686	Varney-2018	136.1820331

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605881.09	5600690.13	62.31613139	54174.08	53966.18	53792.1	54036.99778	-244.8977821	-38.72778206	Varney-2018	136.7022179
605883.11	5600688.8	62.3194492	54174.06	53965.22	53791.16	54036.99647	-245.8364659	-39.66646585	Varney-2018	135.7635341
605884.21	5600687.88	62.28377132	54174.04	53970.47	53796.43	54036.99595	-240.5659527	-34.39595266	Varney-2018	141.0340473
605885.67	5600687.68	62.41318661	54174.02	53973.16	53799.14	54036.99471	-237.8547077	-31.68470766	Varney-2018	143.7452923
605887.15	5600687.6	62.56556917	54173.98	53969.84	53795.86	54036.99338	-241.1333792	-34.96337925	Varney-2018	140.4666208
605888.07	5600687.14	62.58596822	54173.93	53967.87	53793.94	54036.99287	-243.0528676	-36.88286759	Varney-2018	138.5471324
605888.08	5600686.7	62.50754898	54173.93	53965.06	53791.13	54036.99319	-245.8631907	-39.69319072	Varney-2018	135.7368093
605888.78	5600686.5	62.54910376	54173.92	53964.35	53790.43	54036.99272	-246.5627168	-40.39271683	Varney-2018	135.0372832
605889.37	5600686.44	62.60364661	54173.93	53958.83	53784.9	54036.99224	-252.0922383	-45.92223829	Varney-2018	129.5077617
605889.78	5600685.85	62.54107111	54173.95	53956.39	53782.44	54036.99236	-254.552356	-48.38235595	Varney-2018	127.047644
605890.2	5600686.26	62.66264514	54173.97	53956.99	53783.02	54036.99165	-253.9716492	-47.80164924	Varney-2018	127.6283508
605891.09	5600685.54	62.62796341	54174	53955.28	53781.28	54036.99149	-255.7114868	-49.54148677	Varney-2018	125.8885132
605891.25	5600685.19	62.58069009	54173.99	53962.39	53788.4	54036.99166	-248.5916551	-42.42165511	Varney-2018	133.0083449
605891.45	5600684.3	62.43744803	54173.97	53957.44	53783.47	54036.99227	-253.5222697	-47.35226968	Varney-2018	128.0777303
605891.19	5600683.71	62.30016533	54173.96	53963.65	53789.69	54036.99299	-247.3029942	-41.13299422	Varney-2018	134.2970058
605890.97	5600682.99	62.14353777	54173.95	53964.28	53790.33	54036.99379	-246.6637888	-40.4937888	Varney-2018	134.9362112
605891.09	5600681.8	61.93614682	54173.92	53969.69	53795.77	54036.99473	-241.2247289	-35.05472887	Varney-2018	140.3752711
605890.97	5600681.85	61.93285448	54173.88	53974.07	53800.19	54036.99477	-236.804772	-30.63477196	Varney-2018	144.795228
605891.28	5600679.6	61.54845508	54173.85	53977.24	53803.39	54036.99651	-233.606515	-27.436515	Varney-2018	147.993485
605891.94	5600679.26	61.55205888	54173.82	53975.3	53801.48	54036.9964	-235.5164002	-29.34640019	Varney-2018	146.0835998
605892.46	5600677.3	61.23821008	54173.81	53974.6	53800.79	54036.99787	-236.2078743	-30.0378743	Varney-2018	145.3921257
605893.62	5600673.3	60.59800053	54173.79	53969.14	53795.35	54037.00108	-241.6510775	-35.48107753	Varney-2018	139.9489225
605893.92	5600672.94	60.55775049	54173.79	53970.07	53796.28	54037.00131	-240.7213065	-34.55130649	Varney-2018	140.8786935
605892.37	5600677.81	61.32462817	54173.79	53969.62	53795.83	54036.99746	-241.1674576	-34.99745761	Varney-2018	140.4325424
605892.06	5600676.91	61.12628057	54173.78	53968.32	53794.54	54036.99845	-242.458447	-36.28844699	Varney-2018	139.141553
605892.43	5600675.92	60.97741072	54173.76	53966.01	53792.25	54036.99916	-244.7491557	-38.57915572	Varney-2018	136.8508443
605892.9	5600675.33	60.91200334	54173.72	53957.27	53783.55	54036.99947	-253.4494717	-47.27947168	Varney-2018	128.1505283
605893.41	5600675.34	60.96253624	54173.68	53959.5	53785.82	54036.99922	-251.1792182	-45.00921819	Varney-2018	130.4207818
605893.58	5600674.36	60.7940653	54173.67	53959.29	53785.62	54037.00008	-251.3800769	-45.21007686	Varney-2018	130.2199231
605893.87	5600674.05	60.76278795	54173.66	53949.92	53776.26	54037.00025	-260.7402493	-54.57024928	Varney-2018	120.8597507
605894.08	5600673.79	60.73326351	54173.65	53948.82	53775.17	54037.00041	-261.830413	-55.66041302	Varney-2018	119.769587
605894.05	5600673.22	60.62266985	54173.64	53946.25	53772.61	54037.00098	-264.3909824	-58.22098236	Varney-2018	117.2090176
605893.82	5600671.95	60.3616383	54173.66	53941.23	53767.57	54037.0023	-269.4323039	-63.26230391	Varney-2018	112.1676961
605893.71	5600671.36	60.2403666	54173.68	53939.3	53765.62	54037.00291	-271.3829115	-65.21291153	Varney-2018	110.2170885
605894.88	5600670.96	60.26937126	54173.7	53936.77	53763.07	54037.00293	-273.9329272	-67.76292718	Varney-2018	107.6670728
605895.31	5600670.26	60.17414807	54173.72	53931.8	53758.08	54037.00351	-278.9235076	-72.75350759	Varney-2018	102.6764924
605895.38	5600670.56	60.23762226	54173.72	53932.47	53758.75	54037.00318	-278.2531795	-72.08317947	Varney-2018	103.3468205
605894.23	5600669.45	59.92539119	54173.71	53932.74	53759.03	54037.00462	-277.9746176	-71.80461757	Varney-2018	103.6253824
605895.03	5600669.59	60.02179666	54173.69	53925.81	53752.12	54037.00427	-284.8842676	-78.71426759	Varney-2018	96.71573241
605894.8	5600669.57	59.99789886	54173.67	53940.02	53766.35	54037.00435	-270.6543487	-64.48434872	Varney-2018	110.9456513
605894.78	5600670.34	60.14255782	54173.62	53937.89	53764.27	54037.00358	-272.7335811	-66.56358112	Varney-2018	108.8664189
605891.73	5600671.15	60.02344553	54173.56	53935.41	53761.85	54037.00375	-275.153754	-68.98375404	Varney-2018	106.446246
605892	5600670.55	59.9358736	54173.52	53936.55	53763.03	54037.00421	-273.9742071	-67.80420712	Varney-2018	107.6257929
605893.36	5600669.36	59.83261822	54173.48	53939.98	53766.5	54037.00493	-270.5049295	-64.33492953	Varney-2018	111.0950705
605894.27	5600668.52	59.75271354	54173.46	53943.86	53770.4	54037.00552	-266.605523	-60.43552305	Varney-2018	114.994477
605893.81	5600667.35	59.492339	54173.44	53947.35	53773.91	54037.00676	-263.0967591	-56.92675914	Varney-2018	118.5032409
605894.33	5600667.15	59.49823971	54173.44	53956.16	53782.72	54037.00686	-254.2868618	-48.11686176	Varney-2018	127.3131382
605894.17	5600666.23	59.31066518	54173.43	53967.23	53793.8	54037.00779	-243.2077924	-37.03779236	Varney-2018	138.3922076
605894.23	5600664.61	59.00884871	54173.44	53978.18	53804.74	54037.00938	-232.2693769	-26.09937692	Varney-2018	149.3306231
605894.35	5600665.37	59.16254461	54173.46	53977.61	53804.15	54037.00862	-232.8586165	-26.68861653	Varney-2018	148.7413835
605894.68	5600665.22	59.16092898	54173.48	53982.98	53809.5	54037.00873	-227.5087306	-21.33873062	Varney-2018	154.0912694
605894.68	5600665.11	59.14002926	54173.51	53982.62	53809.11	54037.00884	-227.8988406	-21.72884063	Varney-2018	153.7011594
605894.53	5600664.91	59.08990624	54173.51	53980.19	53806.68	54037.00905	-230.3290544	-24.1590544	Varney-2018	151.2709456
605894.74	5600664.79	59.0840694	54173.51	53980.04	53806.53	54037.00916	-230.4791554	-24.3091554	Varney-2018	151.1208446
605894.71	5600664.81	59.08545051	54173.48	53989.63	53816.15	54037.00914	-220.859138	-14.68913799	Varney-2018	160.740862
605895.51	5600663.86	58.96839725	54173.45	53996.34	53822.89	54037.01005	-214.1200468	-7.950046839	Varney-2018	167.4799532
605896.37	5600663	58.87121268	54173.41	54001.53	53828.12	54037.01092	-208.8909154	-2.720915375	Varney-2018	172.7090846
605896.33	5600662.56	58.78347252	54173.36	53996.93	53823.57	54037.01138	-213.4413832	-7.271383157	Varney-2018	168.1586168
605896.14	5600662.92	58.83787442	54173.34	53996.44	53823.1	54037.011	-213.9110045	-7.741004516	Varney-2018	167.6889955
605896.17	5600662.71	58.79987865	54173.32	53996.71	53823.39	54037.01123	-213.6212256	-7.451225593	Varney-2018	167.9787744
605896.04	5600662.67	58.78209554	54173.3	53995.7	53822.4	54037.01127	-214.6112689	-8.44126893	Varney-2018	166.9887311
605896	5600662.61	58.7674773	54173.28	53996.46	53823.18	54037.01133	-213.8313322	-7.661332216	Varney-2018	167.7686678
605896.02	5600662.48	58.74408619	54173.28	53996.48	53823.2	54037.01147	-213.8114686	-7.641468553	Varney-2018	167.7885314
605896.17	5600662.4	58.74033356	54173.28	53996.88	53823.6	54037.01155	-213.4115527	-7.241552737	Varney-2018	168.1884473

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605896.06	5600662.28	58.70879779	54173.28	53996.56	53823.28	54037.01168	-213.7316787	-7.561678734	Varney-2018	167.8683213
605896.12	5600662.05	58.66926402	54173.29	53996.92	53823.63	54037.01192	-213.3819214	-7.211921377	Varney-2018	168.2180786
605896.41	5600662.02	58.6857706	54173.26	53995.24	53821.98	54037.01196	-215.0319575	-8.861957465	Varney-2018	166.5680425
605896.67	5600661.78	58.65946681	54173.22	53996.91	53823.69	54037.01222	-213.3222192	-7.15221921	Varney-2018	168.2777808
605894.54	5600660.05	58.24638711	54173.21	53996.48	53823.27	54037.01182	-213.7418159	-7.571815895	Varney-2018	167.8581841
605895.06	5600659.96	58.2754124	54173.19	53996.94	53823.75	54037.01175	-213.2617495	-7.091749484	Varney-2018	168.3382505
605895.63	5600659.34	58.25054451	54173.17	54000.51	53827.34	54037.01107	-209.6710738	-3.501073834	Varney-2018	171.9289262
605896.03	5600659.09	58.25287623	54173.14	53999.09	53825.95	54037.01082	-211.0608228	-4.890822766	Varney-2018	170.5391772
605895.46	5600658.28	58.12308545	54173.13	54007.78	53834.65	54037.00982	-202.3598231	3.810176907	Varney-2018	179.2401769
605894.99	5600659.78	58.25076554	54173.12	54011.57	53838.45	54037.01153	-198.5615323	7.608467664	Varney-2018	183.0384677
605894.68	5600659.04	58.14803723	54173.11	54010.63	53837.52	54037.01063	-199.4906312	6.679368792	Varney-2018	182.1093688
605893.86	5600658.61	58.04166262	54173.09	54002.81	53829.72	54037.01003	-207.2900327	-1.120032695	Varney-2018	174.3099673
605893.83	5600659.66	58.15176758	54173.08	54007.28	53834.2	54037.01129	-202.8112929	3.358707066	Varney-2018	178.7887071
605894.66	5600659.39	58.18425538	54173.07	54008.36	53835.29	54037.01104	-201.7210436	4.448956411	Varney-2018	179.8789564
605895.47	5600659.26	58.23004984	54173.06	54008.75	53835.69	54037.01097	-201.3209659	4.849034113	Varney-2018	180.2790341
605894.26	5600659.18	58.13214141	54173.05	54011.33	53838.28	54037.01076	-198.7307566	7.439243413	Varney-2018	182.8692434
605895.46	5600660.04	58.31385903	54173.02	54013.01	53839.99	54037.01187	-197.0218738	9.148126233	Varney-2018	184.5781262
605895.35	5600659.67	58.26559324	54172.98	54014.09	53841.11	54037.01143	-195.9014334	10.26856663	Varney-2018	185.6985666
605895.18	5600659.61	58.24649355	54172.98	54015.56	53842.58	54037.01135	-194.4313487	11.7386513	Varney-2018	187.1686513
605895.79	5600659.84	58.3167097	54172.98	54013.63	53840.65	54037.01167	-196.3616673	9.808332702	Varney-2018	185.2383327
605896.19	5600660.36	58.40314257	54172.97	54011.28	53838.31	54037.0123	-198.7022965	7.467703522	Varney-2018	182.8977035
605896.16	5600660.75	58.44341363	54172.96	54011.6	53838.64	54037.01274	-198.3727424	7.797257558	Varney-2018	183.2272576
605896.38	5600660.57	58.44028624	54172.96	54011.67	53838.71	54037.01255	-198.3025496	7.867450389	Varney-2018	183.2974504
605896.41	5600660.57	58.44253553	54172.96	54011.09	53838.13	54037.01255	-198.8825515	7.287448487	Varney-2018	182.7174485
605896.41	5600660.89	58.47749011	54172.96	54010.85	53837.89	54037.01292	-199.1229172	7.047082762	Varney-2018	182.4770828
605896.56	5600660.32	58.42644062	54172.95	54011.36	53838.41	54037.01228	-198.6022762	7.567723824	Varney-2018	182.9977238
605897.16	5600660.78	58.52184591	54172.95	54012.1	53839.15	54037.01284	-197.8628354	8.307164634	Varney-2018	183.7371646
605896.87	5600661.06	58.53575318	54172.95	54012	53839.05	54037.013	-197.9630026	8.206997399	Varney-2018	183.6369974
605896.9	5600661.2	58.56505062	54172.94	54011.89	53838.95	54037.01285	-198.0628526	8.107147401	Varney-2018	183.5371474
605897.01	5600661.12	58.55791012	54172.93	54012.01	53839.08	54037.01294	-197.9329446	8.237055436	Varney-2018	183.6670554
605896.97	5600661.19	58.56841313	54172.92	54012.13	53839.21	54037.01287	-197.8028667	8.367133339	Varney-2018	183.7971333
605896.94	5600661.01	58.53137611	54172.9	54012.06	53839.16	54037.01306	-197.8530604	8.31693963	Varney-2018	183.7469396
605896.78	5600660.94	58.51081395	54172.85	54012.16	53839.31	54037.01299	-197.7029946	8.467005374	Varney-2018	183.8970054
605896.89	5600660.86	58.51032475	54172.8	54012.66	53839.86	54037.01291	-197.1529101	9.017089887	Varney-2018	184.4470899
605896.81	5600661.06	58.53122677	54172.78	54011.42	53838.64	54037.013	-198.3729995	7.797000464	Varney-2018	183.2270005
605896.84	5600660.9	58.51094763	54172.75	54012.27	53839.52	54037.01295	-197.4929526	8.677047403	Varney-2018	184.1070474
605896.79	5600660.89	58.50608855	54172.73	54012.27	53839.54	54037.01294	-197.4729385	8.697061526	Varney-2018	184.1270615
605896.82	5600660.75	58.49300301	54172.7	54012.45	53839.75	54037.01278	-197.2627815	8.907218509	Varney-2018	184.3372185
605897.07	5600660.78	58.51508134	54172.71	54012.25	53839.54	54037.01283	-197.4728301	8.697169895	Varney-2018	184.1271699
605896.95	5600660.78	58.50606191	54172.72	54012.31	53839.59	54037.01282	-197.4228231	8.747176911	Varney-2018	184.1771769
605896.97	5600660.71	58.49988421	54172.73	54012.15	53839.42	54037.01275	-197.5927452	8.577254825	Varney-2018	184.0072548
605896.65	5600660.69	58.47366328	54172.74	54012.61	53839.87	54037.0127	-197.1427032	9.027296803	Varney-2018	184.4572968
605896.73	5600660.5	58.45886191	54172.74	54012.2	53839.46	54037.01249	-197.5524923	8.617507682	Varney-2018	184.0475077
605896.98	5600660.85	58.51599832	54172.75	54012.49	53839.74	54037.0129	-197.2729039	8.897096089	Varney-2018	184.3270961
605897	5600660.74	58.50542984	54172.73	54011.81	53839.08	54037.01278	-197.9327808	8.23721915	Varney-2018	183.6672192
605896.69	5600660.32	58.43615886	54172.7	54012.14	53839.44	54037.01229	-197.5722852	8.597714823	Varney-2018	184.0277148
605897.2	5600660.76	58.52265377	54172.67	54012.53	53839.86	54037.01282	-197.1528152	9.017184783	Varney-2018	184.4471848
605897.21	5600660.84	58.53220038	54172.64	54011.44	53838.8	54037.01291	-198.2129057	7.957094262	Varney-2018	183.3870943
605897.34	5600661.01	58.56152418	54172.58	54010.82	53838.24	54037.01308	-198.7730815	7.396918456	Varney-2018	182.8269185
605897.51	5600661.2	58.61118849	54172.52	54012.04	53839.52	54037.01288	-197.4928806	8.677119411	Varney-2018	184.1071194
605897.51	5600661.02	58.57627666	54172.49	54011.61	53839.12	54037.01308	-197.8930795	8.276920507	Varney-2018	183.7069205
605897.7	5600661.04	58.59448406	54172.45	54012.07	53839.62	54037.01307	-197.3930672	8.776932762	Varney-2018	184.2069328
605897.96	5600661.04	58.61409121	54172.42	54011.27	53838.85	54037.01308	-198.1630807	8.006919288	Varney-2018	183.4369193
605898.01	5600661.07	58.62370143	54172.39	54011.33	53838.94	54037.01305	-198.0730496	8.096950404	Varney-2018	183.5269504
605898.1	5600661.04	58.62464891	54172.4	54011.82	53839.42	54037.01309	-197.593088	8.576912033	Varney-2018	184.006912
605898.08	5600660.97	58.61202937	54172.42	54011.54	53839.12	54037.0131	-197.8930989	8.276901136	Varney-2018	183.7069011
605897.97	5600660.87	58.59268203	54172.45	54012.05	53839.6	54037.01298	-197.4129823	8.75701771	Varney-2018	184.1870177
605898.03	5600660.91	58.60162306	54172.49	54011.4	53838.91	54037.01303	-198.1030299	8.066970132	Varney-2018	183.4969701
605898.01	5600660.9	58.59901106	54172.5	54012.18	53839.68	54037.01302	-197.3330177	8.836982294	Varney-2018	184.2669823
605897.89	5600660.99	58.59992752	54172.52	54010.68	53838.16	54037.01311	-198.8531108	7.316889233	Varney-2018	182.7468892
605897.57	5600660.96	58.57250864	54172.52	54011.45	53838.93	54037.01306	-198.0830602	8.086939837	Varney-2018	183.5169398
605899.15	5600660.56	58.64685451	54172.51	54010.89	53838.38	54037.01271	-198.6327144	7.53728561	Varney-2018	182.9672856
605898.27	5600661.24	58.67647244	54172.47	54009.91	53837.44	54037.01287	-199.5728701	6.597129867	Varney-2018	182.0271299
605897.48	5600661.09	58.58758902	54172.42	54010.67	53838.25	54037.013	-198.7630006	7.406999358	Varney-2018	182.8369994

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605897.61	5600661.09	58.59740169	54172.35	54010.92	53838.57	54037.01301	-198.4430071	7.726992862	Varney-2018	183.1569929
605897.8	5600661.15	58.62340488	54172.28	54010.87	53838.59	54037.01295	-198.4229497	7.747050315	Varney-2018	183.1770503
605897.22	5600660.85	58.53405201	54172.24	54010.82	53838.58	54037.01292	-198.4329175	7.737082452	Varney-2018	183.1670825
605897.18	5600660.95	58.54203437	54172.2	54011.9	53839.7	54037.01303	-197.3130278	8.85697224	Varney-2018	184.2869722
605897.23	5600660.76	58.5249081	54172.19	54010.93	53838.74	54037.01282	-198.272817	7.897183015	Varney-2018	183.327183
605897.57	5600660.6	58.53281595	54172.17	54010.13	53837.96	54037.01266	-199.0526585	7.117341493	Varney-2018	182.5473415
605897.4	5600660.57	58.51676223	54172.17	54011.44	53839.27	54037.01261	-197.7426143	8.427385739	Varney-2018	183.8573857
605897.23	5600660.53	58.49961794	54172.18	54011.95	53839.77	54037.01256	-197.2425585	8.927441461	Varney-2018	184.3574415
605897.2	5600660.67	58.51276001	54172.19	54011.83	53839.64	54037.01271	-197.372714	8.797285977	Varney-2018	184.227286
605897.17	5600660.7	58.51380519	54172.21	54011.86	53839.65	54037.01275	-197.3627459	8.807254056	Varney-2018	184.2372541
605896.96	5600660.81	58.51010509	54172.23	54011.72	53839.49	54037.01286	-197.5228576	8.647142426	Varney-2018	184.0771424
605896.89	5600660.81	58.5048419	54172.25	54011.72	53839.47	54037.01285	-197.5428535	8.627146469	Varney-2018	184.0571465
605896.79	5600660.84	58.50061012	54172.22	54011.76	53839.54	54037.01288	-197.4728818	8.697118225	Varney-2018	184.1271182
605896.71	5600660.96	58.50773269	54172.19	54011.69	53839.5	54037.01301	-197.5130135	8.656986486	Varney-2018	184.0869865
605896.57	5600660.94	58.49500028	54172.17	54012.03	53839.86	54037.01298	-197.1529831	9.017016863	Varney-2018	184.4470169
605896.44	5600661.06	58.50331394	54172.14	54011.83	53839.69	54037.01298	-197.3229806	8.847019364	Varney-2018	184.2770194
605896.34	5600661.14	58.51115542	54172.12	54011.63	53839.51	54037.01289	-197.5028906	8.667109401	Varney-2018	184.0971094
605896.29	5600661.14	58.50737782	54172.09	54011.67	53839.58	54037.01289	-197.4328882	8.737111806	Varney-2018	184.1671118
605896.17	5600661.15	58.5002324	54172.07	54011.67	53839.6	54037.01287	-197.4128719	8.757128133	Varney-2018	184.1871281
605896.15	5600661.16	58.50064161	54172.04	54011.52	53839.48	54037.01286	-197.5328604	8.637139633	Varney-2018	184.0671396
605896.23	5600661.28	58.52974778	54172.02	54011.69	53839.67	54037.01274	-197.3427373	8.827262747	Varney-2018	184.2572627
605895.99	5600661.3	58.51540491	54171.99	54011.63	53839.64	54037.01271	-197.372706	8.79729402	Varney-2018	184.227294
605895.83	5600661.26	58.49561658	54171.96	54011.51	53839.55	54037.01274	-197.4627409	8.707259061	Varney-2018	184.1372591
605895.85	5600661.29	58.50287998	54171.93	54011.39	53839.46	54037.01271	-197.5527105	8.617289491	Varney-2018	184.0472895
605895.81	5600661.43	58.52667037	54171.9	54011.38	53839.48	54037.01256	-197.5325629	8.637437065	Varney-2018	184.0674371
605895.94	5600661.39	58.52887447	54171.86	54011.25	53839.39	54037.01261	-197.6226097	8.547390338	Varney-2018	183.9773903
605896.02	5600661.4	58.5368653	54171.84	54011.24	53839.4	54037.0126	-197.6126023	8.557397729	Varney-2018	183.9873977
605896.06	5600661.44	58.54757901	54171.81	54011.19	53839.38	54037.01256	-197.6325618	8.537438239	Varney-2018	183.9674382
605896.1	5600661.5	58.56213685	54171.8	54011	53839.2	54037.0125	-197.8125001	8.357499922	Varney-2018	183.7874999
605896.19	5600661.47	58.56321856	54171.78	54011.13	53839.35	54037.01253	-197.6625349	8.507465112	Varney-2018	183.9374651
605896.23	5600661.53	58.57778899	54171.77	54011.09	53839.32	54037.01247	-197.6924729	8.477527129	Varney-2018	183.9075271
605896.05	5600661.49	58.55641495	54171.76	54011.26	53839.5	54037.01251	-197.5125088	8.657491151	Varney-2018	184.0874912
605896.09	5600661.42	58.54601877	54171.75	54011.36	53839.61	54037.01258	-197.4025839	8.767416083	Varney-2018	184.1974161
605896.22	5600661.58	58.58663556	54171.74	54011.33	53839.59	54037.01242	-197.4224197	8.747580324	Varney-2018	184.1775803
605896.16	5600661.56	58.57822419	54171.72	54011.33	53839.61	54037.01244	-197.4024389	8.767561132	Varney-2018	184.1975611
605896.11	5600661.55	58.57249725	54171.69	54011.2	53839.51	54037.01245	-197.5024478	8.667552228	Varney-2018	184.0975522
605896.09	5600661.51	58.56329599	54171.67	54011.31	53839.64	54037.01249	-197.3724892	8.797510793	Varney-2018	184.2275108
605896.13	5600661.47	58.55865776	54171.64	54011.41	53839.77	54037.01253	-197.2425327	8.927467264	Varney-2018	184.3574673
605896.01	5600661.63	58.58023331	54171.62	54010.91	53839.29	54037.01236	-197.7223605	8.447639468	Varney-2018	183.8776395
605896.17	5600661.49	58.56553991	54171.59	54011.1	53839.51	54037.01251	-197.5025131	8.667486936	Varney-2018	184.0974869
605896.23	5600661.47	58.5662591	54171.56	54011.27	53839.71	54037.01254	-197.3025363	8.867463678	Varney-2018	184.2974637
605895.78	5600661.19	58.4784231	54171.53	54010.84	53839.31	54037.01281	-197.7028116	8.467188386	Varney-2018	183.8971884
605896.21	5600661.48	58.5666602	54171.52	54009.86	53838.34	54037.01253	-198.672525	7.497474963	Varney-2018	182.927475
605895.78	5600661.53	58.54354521	54171.5	54009.62	53838.12	54037.01246	-198.8924577	7.277542269	Varney-2018	182.7075423
605895.73	5600661.46	58.52633774	54171.5	54010.13	53838.63	54037.01253	-198.3825288	7.787471223	Varney-2018	183.2174712
605896.26	5600661.11	58.49934506	54171.49	54006.16	53834.67	54037.01292	-202.3429185	3.82708149	Varney-2018	179.2570815
605896.57	5600661.05	58.51119475	54171.49	54010.93	53839.44	54037.013	-197.572998	8.597002022	Varney-2018	184.027002
605896.85	5600661.52	58.62303899	54171.48	54010	53838.52	54037.0125	-198.4925045	7.677495465	Varney-2018	183.1074955
605897.01	5600661.51	58.63327976	54171.48	54010.16	53838.68	54037.01252	-198.3325208	7.837479158	Varney-2018	183.2674792
605897.08	5600661.55	58.64633875	54171.47	54008.87	53837.4	54037.01248	-199.6124797	6.557520314	Varney-2018	181.9875203
605897.26	5600661.46	58.64261684	54171.46	54008.96	53837.5	54037.01258	-199.5125842	6.657415775	Varney-2018	182.0874158
605897.16	5600661.43	58.62921294	54171.44	54009.58	53838.14	54037.01261	-198.8726134	7.297386638	Varney-2018	182.7273866
605897.1	5600661.49	58.63625838	54171.43	54009.86	53838.43	54037.01255	-198.5825457	7.587454268	Varney-2018	183.0174543
605897.11	5600661.41	58.62154716	54171.42	54010.35	53838.93	54037.01263	-198.0826333	8.087366702	Varney-2018	183.5173667
605896.95	5600661.15	58.55917383	54171.4	54009.89	53838.49	54037.01291	-198.5229091	7.647090894	Varney-2018	183.0770909
605897.05	5600661.03	58.54353306	54171.37	54009.75	53838.38	54037.01304	-198.6330444	7.536955566	Varney-2018	182.9669556
605897.07	5600661.17	58.57210853	54171.35	54009.34	53837.99	54037.01289	-199.0228931	7.147106939	Varney-2018	182.5771069
605897.08	5600661.12	58.5631968	54171.33	54010.07	53838.74	54037.01295	-198.272948	7.897052016	Varney-2018	183.327052
605897.04	5600661.23	58.58143856	54171.3	54009.85	53838.55	54037.01283	-198.4628264	7.707173604	Varney-2018	183.1371736
605896.92	5600661.41	58.60712056	54171.26	54010.07	53838.81	54037.01263	-198.2026261	7.96737394	Varney-2018	183.3973739
605896.75	5600661.68	58.64629337	54171.25	54009.88	53838.63	54037.01233	-198.3823288	7.787671158	Varney-2018	183.2176712
605896.57	5600661.9	58.67493896	54171.24	54009.95	53838.71	54037.01209	-198.3020884	7.867911644	Varney-2018	183.2979116
605896.4	5600661.99	58.67923069	54171.22	54010.6	53839.38	54037.01199	-197.6319892	8.538010775	Varney-2018	183.9680108
605896.56	5600661.99	58.69150917	54171.19	54008.81	53837.62	54037.01199	-199.3919919	6.778008123	Varney-2018	182.2080081

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605896.61	5600661.93	58.68378443	54171.2	54010.14	53838.94	54037.01206	-198.072057	8.097942996	Varney-2018	183.527943
605896.59	5600661.84	58.66491116	54171.21	54010.02	53838.81	54037.01215	-198.202153	7.967846992	Varney-2018	183.397847
605896.55	5600661.86	58.66570217	54171.22	54009.58	53838.36	54037.01213	-198.6521307	7.517869266	Varney-2018	182.9478693
605896.55	5600661.71	58.63681033	54171.23	54010.48	53839.25	54037.01229	-197.7622911	8.407708856	Varney-2018	183.8377089
605896.68	5600661.6	58.62552835	54171.23	54009.4	53838.17	54037.01241	-198.8424128	7.327587186	Varney-2018	182.7575872
605896.62	5600661.43	58.58819591	54171.23	54009.26	53838.03	54037.01259	-198.9825932	7.187406809	Varney-2018	182.6174068
605896.4	5600661.06	58.50029633	54171.23	54009.59	53838.36	54037.01298	-198.6529786	7.517021407	Varney-2018	182.9470214
605896.42	5600661.07	58.50372944	54171.23	54009.63	53838.4	54037.01297	-198.612969	7.557031031	Varney-2018	182.987031
605896.46	5600660.91	58.48343861	54171.23	54009.06	53837.83	54037.01294	-199.1829429	6.987057133	Varney-2018	182.4170571
605896.68	5600660.87	58.49562062	54171.24	54009.87	53838.63	54037.01291	-198.3829096	7.787090404	Varney-2018	183.2170904
605896.43	5600660.83	58.47244025	54171.23	54010.13	53838.9	54037.01285	-198.1128498	8.05715019	Varney-2018	183.4871502
605896.58	5600660.75	58.4749705	54171.21	54010.05	53838.84	54037.01277	-198.1727673	7.997232709	Varney-2018	183.4272327
605896.62	5600660.6	58.46156315	54171.19	54009.87	53838.68	54037.0126	-198.332599	7.837401038	Varney-2018	183.267401
605896.65	5600660.38	58.43973533	54171.17	54010.1	53838.93	54037.01235	-198.0823506	8.087649357	Varney-2018	183.5176494
605896.63	5600660.17	58.41525942	54171.16	54010.24	53839.08	54037.01211	-197.9321104	8.237889638	Varney-2018	183.6678896
605896.52	5600660.13	58.40267766	54171.14	54010.48	53839.34	54037.01206	-197.6720567	8.497943254	Varney-2018	183.9279433
605896.4	5600660.09	58.38935814	54171.14	54009.86	53838.72	54037.012	-198.2920022	7.877997822	Varney-2018	183.3079978
605896.42	5600660	58.38101743	54171.13	54009.95	53838.82	54037.0119	-198.1919008	7.978099169	Varney-2018	183.4080992
605896.51	5600659.94	58.38116072	54171.12	54009.87	53838.75	54037.01184	-198.2618393	7.908160695	Varney-2018	183.3381607
605896.43	5600659.88	58.36865207	54171.11	54009.9	53838.79	54037.01176	-198.2217645	7.948235493	Varney-2018	183.3782355
605896.49	5600659.8	58.3643698	54171.09	54010.02	53838.93	54037.01168	-198.081678	8.088322001	Varney-2018	183.518322
605896.53	5600659.75	58.36187471	54171.07	54009.97	53838.9	54037.01162	-198.1116243	8.058375748	Varney-2018	183.4883757
605896.57	5600659.62	58.35062614	54171.06	54010.05	53838.99	54037.01148	-198.0214795	8.148520533	Varney-2018	183.5785205
605896.52	5600659.54	58.33817285	54171.04	54010.03	53838.99	54037.01138	-198.021384	8.148616041	Varney-2018	183.578616
605896.69	5600659.57	58.35404862	54171.03	54009.72	53838.69	54037.01143	-198.3214329	7.848567073	Varney-2018	183.2785671
605896.76	5600659.57	58.35923515	54171.02	54009.95	53838.93	54037.01144	-198.081439	8.088560996	Varney-2018	183.518561
605896.84	5600659.46	58.35310521	54171.02	54010.18	53839.16	54037.01132	-197.8513213	8.318678661	Varney-2018	183.7486787
605896.67	5600659.42	58.33614735	54171.02	54010.28	53839.26	54037.01126	-197.7512607	8.418739329	Varney-2018	183.8487393
605896.72	5600659.34	58.33108485	54171.01	54010.27	53839.26	54037.01117	-197.7511743	8.418825663	Varney-2018	183.8488257
605896.96	5600659.44	58.35979038	54171	54009.54	53838.54	54037.01131	-198.4713095	7.698690534	Varney-2018	183.1286905
605897.02	5600659.42	58.36203366	54171	54010.01	53839.01	54037.01129	-198.0012923	8.168707714	Varney-2018	183.5987077
605896.93	5600659.5	58.36415256	54171.01	54009.02	53838.01	54037.01137	-199.0013746	7.168625387	Varney-2018	182.5986254
605897.02	5600659.6	58.38179258	54171.01	54009.77	53838.76	54037.0115	-198.2514954	7.918504566	Varney-2018	183.3485046
605897.15	5600659.67	58.39912021	54171	54009.23	53838.23	54037.01159	-198.7815854	7.388414582	Varney-2018	182.8184146
605897.03	5600659.35	58.35508863	54170.97	54010.35	53839.38	54037.01121	-197.6312142	8.538785796	Varney-2018	183.9687858
605897.29	5600659.36	58.37540248	54170.94	54009.96	53839.02	54037.01125	-197.9912493	8.178750662	Varney-2018	183.6087507
605897.35	5600659.47	58.39194391	54170.92	54010.48	53839.56	54037.01138	-197.4513781	8.718621862	Varney-2018	184.1486219
605897.61	5600659.52	58.41669985	54170.89	54010.1	53839.21	54037.01146	-197.8014571	8.368542942	Varney-2018	183.7985429
605897.59	5600659.46	58.40860236	54170.85	54010.72	53839.87	54037.01139	-197.1413884	9.028611617	Varney-2018	184.4586116
605897.96	5600659.67	58.45920735	54170.81	54010.43	53839.62	54037.01165	-197.3916538	8.778346162	Varney-2018	184.2083462
605897.96	5600659.56	58.44704114	54170.79	54010.57	53839.78	54037.01153	-197.2315321	8.938467885	Varney-2018	184.3684679
605898.05	5600659.58	58.45592238	54170.76	54010.78	53840.02	54037.01156	-196.991562	9.178437961	Varney-2018	184.608438
605898.44	5600659.53	58.47927093	54170.73	54010.74	53840.01	54037.01154	-197.001541	9.168458962	Varney-2018	184.598459
605898.5	5600659.32	58.46038787	54170.7	54011.15	53840.45	54037.01132	-196.5613166	9.60868342	Varney-2018	185.0386834
605898.17	5600659.36	58.44044142	54170.67	54011.19	53840.52	54037.01133	-196.4913301	9.678669936	Varney-2018	185.1086699
605898.18	5600658.88	58.38799834	54170.63	54011.53	53840.9	54037.0108	-196.1108023	10.0591977	Varney-2018	185.4891977
605898.94	5600659.09	58.46725431	54170.63	54011.5	53840.87	54037.01111	-196.1411081	10.02889188	Varney-2018	185.4588919
605899.59	5600658.37	58.43446966	54170.62	54015.31	53844.69	54037.0104	-192.3204026	13.84959737	Varney-2018	189.2795974
605900.1	5600659.62	58.6123315	54170.61	54017.68	53847.07	54037.01178	-189.9417818	16.22821822	Varney-2018	191.6582182
605899.6	5600659.86	58.6021548	54170.6	54023.99	53853.39	54037.012	-183.6219953	22.54800469	Varney-2018	197.9780047
605900.78	5600657.94	58.47274995	54170.6	54022.13	53851.53	54037.01009	-185.480092	20.68990802	Varney-2018	196.119908
605900.92	5600657.08	58.3855558	54170.59	54023.87	53853.28	54037.00922	-183.7292175	22.44078253	Varney-2018	197.8707825
605898.9	5600654.05	57.90269015	54170.57	54027.07	53856.5	54037.00564	-180.5056381	25.66436195	Varney-2018	201.0943619
605898.64	5600653.41	57.8135238	54170.55	54024.73	53854.18	54037.00488	-182.8248838	23.34511617	Varney-2018	198.7751162
605899.11	5600654.19	57.93285249	54170.53	54021.35	53850.82	54037.00583	-186.1858346	19.98416541	Varney-2018	195.4141654
605900.19	5600654.44	58.03588482	54170.51	54028.28	53857.77	54037.00633	-179.2363281	26.93367192	Varney-2018	202.3636719
605902.77	5600652.9	58.03848863	54170.49	54024.53	53854.04	54037.00533	-182.9653316	23.20466838	Varney-2018	198.6346684
605902.81	5600652.56	58.00215584	54170.46	54022.06	53851.6	54037.005	-185.4050037	20.76499626	Varney-2018	196.1949963
605902.83	5600652.81	58.03223957	54170.43	54022.14	53851.71	54037.00526	-185.2952569	20.87474312	Varney-2018	196.3047431
605903.27	5600652.05	57.97459252	54170.39	54020.55	53850.16	54037.00462	-186.8446183	19.32538167	Varney-2018	194.7553817
605903.19	5600651.32	57.8850853	54170.37	54017.69	53847.32	54037.00388	-189.6838789	16.48612106	Varney-2018	191.9161211
605902.21	5600650.99	57.78187666	54170.35	54016.44	53846.09	54037.00327	-190.9132721	15.2567279	Varney-2018	190.6867279
605902.06	5600650.84	57.75476583	54170.34	54015.12	53844.78	54037.00308	-192.2230773	13.94692265	Varney-2018	189.3769227
605901.81	5600650.22	57.66748873	54170.33	54012.25	53841.92	54037.00237	-195.0823744	11.08762565	Varney-2018	186.5176256

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605901.74	5600649.14	57.53982491	54170.31	54015.47	53845.16	54037.00125	-191.8412535	14.32874652	Varney-2018	189.7587465
605901.4	5600649.2	57.52458329	54170.29	54015.86	53845.57	54037.0012	-191.4312024	14.73879757	Varney-2018	190.1687976
605900.62	5600648.92	57.44230742	54170.28	54014.67	53844.39	54037.00065	-192.6106528	13.55934721	Varney-2018	188.9893472
605900.27	5600648.04	57.32054172	54170.26	54009.97	53839.71	54036.99961	-197.2896089	8.880391113	Varney-2018	184.3103911
605900.14	5600647.16	57.21320945	54170.24	54008.76	53838.52	54036.99863	-198.4786336	7.691366375	Varney-2018	183.1213664
605899.51	5600645.14	56.94725429	54170.21	54011.27	53841.06	54036.99623	-195.9362338	10.23376623	Varney-2018	185.6637662
605900.45	5600645.52	57.04778753	54170.2	54010.28	53840.08	54036.99703	-196.9170315	9.252968453	Varney-2018	184.6829685
605900.82	5600645.79	57.10115561	54170.19	54011.92	53841.73	54036.99747	-195.2674662	10.90253383	Varney-2018	186.3325338
605901.4	5600645.12	57.06093281	54170.16	54013.33	53843.17	54036.99702	-193.8270164	12.34298362	Varney-2018	187.7729836
605901.99	5600645.54	57.14506639	54170.13	54011.06	53840.93	54036.99769	-196.0676925	10.10230752	Varney-2018	185.5323075
605902.62	5600644.93	57.11396186	54170.11	54010.16	53840.05	54036.99735	-196.9473459	9.222654133	Varney-2018	184.6526541
605903.63	5600645.36	57.2254499	54170.09	54013.35	53843.26	54036.9982	-193.7381987	12.43180127	Varney-2018	187.8618013
605904.42	5600646.57	57.4148011	54170.07	54012.22	53842.15	54036.99969	-194.8496862	11.32031382	Varney-2018	186.7503138
605905.54	5600646.66	57.49548403	54170.05	54013.26	53843.21	54037.00021	-193.7902082	12.37979181	Varney-2018	187.8097918
605906.29	5600645.85	57.446957	54170.04	54004.69	53834.65	54036.99976	-202.3497619	3.82023807	Varney-2018	179.2502381
605907.78	5600645.09	57.44865426	54170.03	54007.11	53837.08	54036.9997	-199.9197041	6.250295851	Varney-2018	181.6802959
605909.03	5600644.47	57.45065205	54170.03	54001.17	53831.14	54036.99971	-205.8597115	0.310288495	Varney-2018	175.7402885
605909.45	5600643.85	57.40130615	54170.02	53992.85	53822.83	54036.99938	-214.1693774	-7.999377401	Varney-2018	167.4306226
605909.43	5600642.14	57.19365144	54170	53979.32	53809.32	54036.99794	-227.6779356	-21.50793559	Varney-2018	153.9220644
605909.45	5600640.99	57.05596416	54169.98	53972.69	53802.71	54036.99698	-234.2869825	-28.11698252	Varney-2018	147.3130175
605909.92	5600640.15	56.97354348	54169.97	53970.2	53800.23	54036.99674	-236.7667396	-30.59673956	Varney-2018	144.8332604
605909.98	5600639.26	56.86710314	54169.95	53970.72	53800.77	54036.99609	-236.2260902	-30.05609023	Varney-2018	145.3739098
605911.25	5600638.48	56.79955728	54169.92	53960.52	53790.6	54036.99734	-246.3973372	-40.22733723	Varney-2018	135.2026628
605912.09	5600639.43	56.93297613	54169.88	53965.1	53795.22	54036.99936	-241.7793607	-35.60936067	Varney-2018	139.8206393
605911.55	5600638.67	56.82900236	54169.86	53962.64	53792.78	54036.99794	-244.2179396	-38.04793961	Varney-2018	137.3820604
605913.29	5600638.35	56.82686025	54169.83	53968	53798.17	54037.00027	-238.830275	-32.660275	Varney-2018	142.769725
605913.91	5600637.46	56.73110764	54169.82	53970.67	53800.85	54037.00049	-236.1504916	-29.98049161	Varney-2018	145.4495084
605914.78	5600636.83	56.67201601	54169.81	53971.22	53801.41	54037.0013	-235.5912994	-29.42129939	Varney-2018	146.0087006
605915.42	5600635.33	56.50105599	54169.8	53971.99	53802.19	54037.00109	-234.8110874	-28.64108739	Varney-2018	146.7889126
605915.67	5600635.04	56.4704685	54169.79	53974.15	53804.36	54037.00124	-232.6412402	-26.4712402	Varney-2018	148.9587598
605916.51	5600634.62	56.43561932	54169.79	53976.98	53807.19	54037.00219	-229.8121918	-23.64219183	Varney-2018	151.7878082
605917.43	5600634.04	56.38238474	54169.8	53990.03	53820.23	54037.00315	-216.7731489	-10.60314889	Varney-2018	164.8268511
605917.65	5600633.67	56.34104159	54169.79	53994.71	53824.92	54037.0032	-212.0832022	-5.913202201	Varney-2018	169.5167978
605918.14	5600633.08	56.27771736	54169.78	53994.54	53824.76	54037.0035	-212.2435039	-6.073503896	Varney-2018	169.3564961
605917.67	5600632.39	56.183363	54169.76	53997.53	53827.77	54037.00225	-209.2322542	-3.062254183	Varney-2018	172.3677458
605919.05	5600629.69	55.87529808	54169.74	53998.99	53829.25	54037.00235	-207.7523495	-1.582349525	Varney-2018	173.8476505
605919.4	5600628.97	55.79242216	54169.69	54004.32	53834.63	54037.00236	-202.3723572	3.797642758	Varney-2018	179.2276428
605919.38	5600629.1	55.8081836	54169.63	54007.56	53837.93	54037.00242	-199.0724233	7.097576652	Varney-2018	182.5275767
605919.75	5600628.39	55.72676793	54169.6	54008.25	53838.65	54037.00247	-198.3524738	7.817526214	Varney-2018	183.2475262
605919.41	5600629.19	55.81989344	54169.56	54008.68	53839.12	54037.00254	-197.8825379	8.287462057	Varney-2018	183.7174621
605919	5600628.79	55.762856	54169.53	54007.08	53837.55	54037.00159	-199.4515932	6.718406787	Varney-2018	182.1484068
605920.23	5600627.44	55.61730496	54169.5	54002.32	53832.82	54037.00252	-204.1825243	1.987475693	Varney-2018	177.4174757
605920.96	5600627.17	55.59657921	54169.5	54008.45	53838.95	54037.00348	-198.0534816	8.116518424	Varney-2018	183.5465184
605922.1	5600627.88	55.70530108	54169.5	54007.49	53837.99	54037.00581	-199.0158062	7.154193777	Varney-2018	182.5841938
605922.97	5600628.55	55.8046596	54169.5	54009.99	53840.49	54037.00766	-196.5176634	9.652336575	Varney-2018	185.0823366
605922.67	5600628.09	55.74171815	54169.49	54011.83	53842.34	54037.00686	-194.6668587	11.50314133	Varney-2018	186.9331413
605923.75	5600628.02	55.75224415	54169.48	54012.21	53842.73	54037.00851	-194.2785134	11.89148657	Varney-2018	187.3214866
605924.28	5600628.81	55.86091944	54169.47	54011.35	53841.88	54037.00991	-195.1299105	11.04008955	Varney-2018	186.4700895
605924.68	5600629.29	55.92850294	54169.46	54013.85	53844.39	54037.01088	-192.6208781	13.54912187	Varney-2018	188.9791219
605925.39	5600629.3	55.94272353	54169.44	54014.93	53845.49	54037.012	-191.5219987	14.64800135	Varney-2018	190.0780013
605925.68	5600630.16	56.05640387	54169.42	54019.18	53849.76	54037.01305	-187.2530531	18.91694689	Varney-2018	194.3469469
605926.92	5600627.86	55.78861095	54169.39	54019.01	53849.62	54037.01341	-187.393409	18.77659099	Varney-2018	194.206591
605927.3	5600625.93	55.55114887	54169.38	54020.33	53850.95	54037.01269	-186.0626901	20.10730994	Varney-2018	195.5373099
605928.06	5600624.51	55.38418223	54169.36	54017.62	53848.26	54037.01294	-188.7529417	17.4170583	Varney-2018	192.8470583
605928.42	5600624.06	55.33310555	54169.36	54023.29	53853.93	54037.01322	-183.0832173	23.08678266	Varney-2018	198.5167827
605928.55	5600623.66	55.28448813	54169.36	54019.99	53850.63	54037.01316	-186.3831577	19.78684233	Varney-2018	195.2168423
605928.94	5600623.94	55.32648974	54169.35	54023.82	53854.47	54037.01398	-182.5439753	23.62602466	Varney-2018	199.0560247
605929.15	5600622.37	55.13037622	54169.34	54030.68	53861.34	54037.01327	-175.6732652	30.49673484	Varney-2018	205.9267348
605929.63	5600622.14	55.10881254	54169.32	54022.47	53853.15	54037.01389	-183.8638931	22.30610688	Varney-2018	197.7361069
605930.05	5600621.1	54.98301912	54169.3	54027.61	53858.31	54037.01389	-178.7038901	27.46610994	Varney-2018	202.8961099
605930.08	5600620.43	54.89811575	54169.28	54027.4	53858.12	54037.0135	-178.8934968	27.27650325	Varney-2018	202.7065032
605930.38	5600619.41	54.77268262	54169.26	54026	53856.74	54037.01332	-180.2733186	25.89668138	Varney-2018	201.3266814
605931.21	5600618.18	54.62806788	54169.26	54027.21	53857.95	54037.01389	-179.0638887	27.10611129	Varney-2018	202.5361113
605931.78	5600617.04	54.49059265	54169.26	54029.39	53860.13	54037.0141	-176.8840994	29.28590063	Varney-2018	204.7159006

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605932.08	5600616.93	54.48081943	54169.24	54029.59	53860.35	54037.01453	-176.66453	29.50547004	Varney-2018	204.93547
605932.44	5600616.55	54.43727782	54169.22	54031.44	53862.22	54037.01489	-174.7948886	31.37511145	Varney-2018	206.8051114
605933.05	5600615.85	54.35609862	54169.2	54034.92	53865.72	54037.01547	-171.2954658	34.87453424	Varney-2018	210.3045342
605933.29	5600615.64	54.33248633	54169.17	54035.46	53866.29	54037.01574	-170.7257363	35.44426374	Varney-2018	210.8742637
605933.12	5600615.65	54.33140154	54169.15	54036.72	53867.57	54037.01546	-169.4454565	36.72454351	Varney-2018	212.1545435
605932.61	5600615.12	54.25633538	54169.12	54035.12	53866	54037.01426	-171.0142595	35.15574052	Varney-2018	210.5857405
605932.96	5600614.21	54.14436984	54169.08	54034.42	53865.34	54037.01427	-171.6742712	34.49572882	Varney-2018	209.9257288
605933.61	5600613.44	54.05415594	54169.03	54032.93	53863.9	54037.01489	-173.1148873	33.05511267	Varney-2018	208.4851127
605934.14	5600613.16	54.02513301	54169.01	54027.3	53858.29	54037.01561	-178.7256138	27.44438622	Varney-2018	202.8743862
605934.2	5600612.42	53.93066371	54168.99	54023.47	53854.48	54037.01525	-182.535253	23.63474703	Varney-2018	199.064747
605934.65	5600612.74	53.97771315	54168.96	54014.94	53845.98	54037.01622	-191.0362215	15.13377847	Varney-2018	190.5637785
605935.36	5600612.84	53.99986321	54168.93	54006.51	53837.58	54037.0175	-199.4374954	6.732504634	Varney-2018	182.1625046
605935.89	5600611.97	53.89431964	54168.93	53975.68	53806.75	54037.01787	-230.2678678	-24.0978678	Varney-2018	151.3321322
605936.54	5600611.16	53.79775163	54168.94	53956.96	53788.02	54037.01849	-248.9984909	-42.82849089	Varney-2018	132.6015091
605936.34	5600609.51	53.58173067	54168.94	53937.23	53768.29	54037.01714	-268.727144	-62.55714397	Varney-2018	112.872856
605935.97	5600608.53	53.4505916	54168.93	53941.19	53772.26	54037.0159	-264.7559035	-58.58590355	Varney-2018	116.8440965
605934.81	5600608.26	53.40223208	54168.92	53930.97	53762.05	54037.01371	-274.9637144	-68.79371439	Varney-2018	106.6362856
605935.55	5600607.29	53.28553334	54168.91	53938.58	53769.67	54037.01441	-267.3444097	-61.17440974	Varney-2018	114.2555903
605936.43	5600606.49	53.19192121	54168.89	53986.74	53817.85	54037.01547	-219.1654669	-12.99546693	Varney-2018	162.4345331
605938.24	5600605.79	53.12089179	54168.87	54015.72	53846.85	54037.01824	-190.1682381	16.00176192	Varney-2018	191.4317619
605939.3	5600606.03	53.16363708	54168.86	54031.34	53862.48	54037.02025	-174.5402497	31.62975031	Varney-2018	207.0597503
605939.34	5600606.28	53.19666138	54168.84	54029.95	53861.11	54037.02047	-175.9104659	30.25953412	Varney-2018	205.6895341
605939.55	5600606.57	53.23678714	54168.82	54032.36	53863.54	54037.021	-173.4810043	32.68899575	Varney-2018	208.1189957
605940.22	5600606.78	53.27163123	54168.8	54038.63	53869.83	54037.0223	-167.1923037	38.97769629	Varney-2018	214.4076963
605941.27	5600607.09	53.32391483	54168.79	54043.96	53875.17	54037.02432	-161.8543246	44.3156754	Varney-2018	219.7456754
605942.39	5600607.21	53.35224636	54168.77	54047.29	53878.52	54037.02636	-158.5063569	47.66364314	Varney-2018	223.0936431
605943.86	5600606.99	53.33981145	54168.75	54043.66	53874.91	54037.02882	-162.1188152	44.05118481	Varney-2018	219.4811848
605944.66	5600606.88	53.33424256	54168.73	54044.17	53875.44	54037.03016	-161.5901606	44.57983943	Varney-2018	220.0098394
605945.26	5600605.99	53.22325421	54168.71	54027.81	53859.1	54037.03074	-177.9307403	28.23925967	Varney-2018	203.6692597
605946.1	5600605.47	53.16349392	54168.68	54013.59	53844.91	54037.03195	-192.1219488	14.04805124	Varney-2018	189.4780512
605946.75	5600605.5	53.17443841	54168.66	54006.51	53837.85	54037.03311	-199.1831139	6.986886134	Varney-2018	182.4168861
605947.78	5600604.99	53.11763873	54168.63	53995.46	53826.83	54037.03467	-210.2046742	-4.034674171	Varney-2018	171.3953258
605948	5600603.96	52.98287243	54168.62	53983.74	53815.12	54037.03454	-221.914539	-15.74453902	Varney-2018	159.685461
605948.42	5600603.6	52.93920835	54168.6	53972.78	53804.18	54037.0351	-232.8551048	-26.68510484	Varney-2018	148.7448952
605948.97	5600602.45	52.79136029	54168.6	53970.56	53801.96	54037.03551	-235.0755092	-28.90550923	Varney-2018	146.5244908
605949.59	5600601.99	52.73595336	54168.59	53967.66	53799.07	54037.03639	-237.966393	-31.79639304	Varney-2018	143.633607
605950.46	5600601.7	52.70549107	54168.6	53966.79	53798.19	54037.03782	-238.8478152	-32.67781517	Varney-2018	142.7521848
605950.46	5600601.95	52.73896	54168.62	53965.69	53797.07	54037.03794	-239.9679375	-33.79793746	Varney-2018	141.6320625
605950.79	5600602.24	52.78098176	54168.61	53968.41	53799.8	54037.03867	-237.2386718	-31.06867185	Varney-2018	144.3613282
605950.88	5600602.08	52.76041249	54168.59	53966.84	53798.25	54037.03876	-238.7887558	-32.61875575	Varney-2018	142.8112442
605951.08	5600602.28	52.78915482	54168.57	53965.82	53797.25	54037.03921	-239.7892119	-33.61921192	Varney-2018	141.8107881
605951.49	5600601.55	52.69516565	54168.55	53958.71	53790.16	54037.0396	-246.8795972	-40.70959722	Varney-2018	134.7204028
605951.95	5600600.92	52.61488374	54168.53	53956.46	53787.93	54037.04013	-249.1101256	-42.94012559	Varney-2018	132.4898744
605952.96	5600599.92	52.48958145	54168.51	53954.76	53786.25	54037.04148	-250.7914822	-44.6214822	Varney-2018	130.8085178
605953.94	5600598.51	52.30803956	54168.51	53953.83	53785.32	54037.04261	-251.7226125	-45.55261251	Varney-2018	129.8773875
605956.41	5600598.13	52.27746866	54168.51	53956.69	53788.18	54037.04696	-248.8669581	-42.69695811	Varney-2018	132.7330419
605956.27	5600596.07	51.99672052	54168.51	53965.06	53796.55	54037.04579	-240.4957948	-34.32579482	Varney-2018	141.1042052
605956.39	5600596.58	52.06688314	54168.5	53962.46	53793.96	54037.04624	-243.0862406	-36.91624056	Varney-2018	138.5137594
605956.35	5600595.22	51.88195984	54168.49	53959.48	53790.99	54037.04557	-246.0555689	-39.8855689	Varney-2018	135.5444311
605956.74	5600594.91	51.84275426	54168.48	53956.56	53788.08	54037.04616	-248.9661569	-42.7961569	Varney-2018	132.6338431
605956.88	5600594.26	51.75544542	54168.48	53954.35	53785.87	54037.04613	-251.176134	-45.00613402	Varney-2018	130.423866
605957.4	5600594.72	51.82176412	54168.47	53953.26	53784.79	54037.0473	-252.2573008	-46.08730077	Varney-2018	129.3426992
605957.96	5600594.73	51.82721977	54168.45	53953.01	53784.56	54037.04835	-252.4883459	-46.31834593	Varney-2018	129.1116541
605958.34	5600594.53	51.8027243	54168.43	53955.07	53786.64	54037.04897	-250.4089676	-44.23896764	Varney-2018	131.1910324
605958.82	5600596.22	52.03692737	54168.4	53954.5	53786.1	54037.05057	-250.9505686	-44.78056856	Varney-2018	130.6494314
605958.3	5600595.95	51.99606292	54168.37	53955.25	53786.88	54037.04949	-250.1694943	-43.99949428	Varney-2018	131.4305057
605958.92	5600594	51.73455486	54168.36	53951.03	53782.67	54037.04983	-254.3798251	-48.20982507	Varney-2018	127.2201749
605960.32	5600591.61	51.41704391	54168.35	53955.32	53786.97	54037.05146	-250.0814647	-43.91146471	Varney-2018	131.5185353
605958.94	5600591.17	51.34822942	54168.33	53957.44	53789.11	54037.04868	-247.9386797	-41.76867969	Varney-2018	133.6613203
605962.49	5600588.25	50.96814687	54168.31	53953.34	53785.03	54037.05425	-252.0242509	-45.85425094	Varney-2018	129.5757491
605963.49	5600588.33	50.98444755	54168.29	53950.68	53782.39	54037.05619	-254.6661944	-48.49619443	Varney-2018	126.9338056
605966.56	5600589.79	51.20357663	54168.26	53960.52	53792.26	54037.06258	-244.8025823	-38.63258229	Varney-2018	136.7974177
605965.25	5600588.66	51.03947511	54168.24	53958.21	53789.97	54037.05968	-247.0896807	-40.91968073	Varney-2018	134.5103193
605965.39	5600588.57	51.02775548	54168.21	53957.36	53789.15	54037.05992	-247.9099154	-41.73991535	Varney-2018	133.6900846

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605965.51	5600588.22	50.97987453	54168.2	53960.39	53792.19	54037.06002	-244.8700177	-38.70001765	Varney-2018	136.7299823
605966.35	5600586.68	50.77036854	54168.18	53960.9	53792.72	54037.06108	-244.3410772	-38.17107716	Varney-2018	137.2589228
605967.26	5600587.2	50.84708478	54168.18	53964.34	53796.16	54037.06301	-240.9030111	-34.73301106	Varney-2018	140.6969889
605968.93	5600585.09	50.5603912	54168.17	53958.6	53790.43	54037.06552	-246.6355188	-40.46551878	Varney-2018	134.9644812
605968.38	5600585.64	50.63490652	54168.16	53964.27	53796.11	54037.06464	-240.9546354	-34.7846354	Varney-2018	140.6453646
605967	5600586.18	50.70390835	54168.15	53963.13	53794.98	54037.06215	-242.0821542	-35.91215416	Varney-2018	139.5178458
605968.06	5600585.49	50.61257031	54168.12	53965.89	53797.77	54037.06396	-239.293965	-33.12396499	Varney-2018	142.306035
605968.89	5600585.78	50.65672751	54168.09	53973.5	53805.41	54037.06567	-231.6556691	-25.48566907	Varney-2018	149.9443309
605969.21	5600583.88	50.37969867	54168.07	53979.61	53811.54	54037.066	-225.5259979	-19.3559979	Varney-2018	156.0740021
605969.96	5600583.42	50.31373057	54168.05	53982.63	53814.58	54037.06743	-222.4874287	-16.31742875	Varney-2018	159.1125713
605971.08	5600581.48	50.02680458	54168.04	53985.65	53817.61	54037.0695	-219.4595007	-13.28950067	Varney-2018	162.1404993
605970.62	5600580.81	49.92414036	54168.02	53981.42	53813.4	54037.06857	-223.6685728	-17.49857276	Varney-2018	157.9314272
605970.17	5600581.05	49.95833054	54168	53978.01	53810.01	54037.06771	-227.0577118	-20.88771179	Varney-2018	154.5422882
605969.34	5600579.96	49.79099192	54167.98	53975.48	53807.5	54037.06604	-229.566043	-23.39604305	Varney-2018	152.033957
605969.16	5600580.09	49.80977965	54167.97	53980.17	53812.2	54037.0657	-224.8657004	-18.69570044	Varney-2018	156.7342996
605970.09	5600580.79	49.91890791	54167.95	53983.43	53815.48	54037.06754	-221.5875428	-15.41754284	Varney-2018	160.0124572
605970.29	5600580.4	49.86111708	54167.93	53982.43	53814.5	54037.06791	-222.5679106	-16.39791064	Varney-2018	159.0320894
605969.89	5600581.05	49.95715365	54167.91	53982.3	53814.39	54037.06717	-222.6771683	-16.50716826	Varney-2018	158.9228317
605968.83	5600580.2	49.82493178	54167.87	53981.24	53813.37	54037.06507	-223.6950656	-17.52506556	Varney-2018	157.9049344
605969.68	5600579.06	49.65712202	54167.83	53978.19	53810.36	54037.06666	-226.7066558	-20.53665577	Varney-2018	154.8933442
605970.38	5600580.43	49.86600459	54167.83	53987.73	53819.9	54037.06809	-217.1680869	-10.99808694	Varney-2018	164.4319131
605971.7	5600580.11	49.82342674	54167.82	53982.91	53815.09	54037.07063	-221.980633	-15.81063299	Varney-2018	159.619367
605973	5600580.02	49.81533901	54167.81	53987.18	53819.37	54037.07315	-217.7031524	-11.53315235	Varney-2018	163.8968476
605975.18	5600579.39	49.72971193	54167.8	53983.49	53815.69	54037.07735	-221.3873531	-15.21735313	Varney-2018	160.2126469
605976.16	5600578.35	49.577368	54167.8	53987	53819.2	54037.0792	-217.879204	-11.70920396	Varney-2018	163.720796
605976.87	5600577.09	49.39077881	54167.8	53991.19	53823.39	54037.08052	-213.6905201	-7.520520105	Varney-2018	167.9094799
605979.47	5600578.26	49.57760579	54167.79	53996.97	53829.18	54037.08563	-207.9056283	-1.735628303	Varney-2018	173.6943717
605979.98	5600579.02	49.69409211	54167.77	53996.71	53828.94	54037.08666	-208.1466558	-1.976655817	Varney-2018	173.4533442
605980.91	5600578.91	49.68141895	54167.77	53999.43	53831.66	54037.08846	-205.4284565	0.741543479	Varney-2018	176.1715435
605981.71	5600578.67	49.64863512	54167.76	53999.81	53832.05	54037.09	-205.0399986	1.130001394	Varney-2018	176.5600014
605981.74	5600578.11	49.56447751	54167.74	53999.28	53831.54	54037.09003	-205.55003	0.619969982	Varney-2018	176.04997
605982.82	5600576.7	49.35673573	54167.72	54000.91	53833.19	54037.09206	-203.9020607	2.267939299	Varney-2018	177.6979393
605984.06	5600576.51	49.33326537	54167.74	54005.32	53837.58	54037.09446	-199.5144609	6.655539089	Varney-2018	182.0855391
605984.28	5600575.53	49.1866438	54167.76	54004.39	53836.63	54037.09484	-200.4648423	5.705157656	Varney-2018	181.1351577
605984.46	5600573.85	48.93447006	54167.76	54001.09	53833.33	54037.09511	-203.7651134	2.404886623	Varney-2018	177.8348866
605983.93	5600573.28	48.84649271	54167.77	53998.27	53830.5	54037.09406	-206.5940562	-0.424056222	Varney-2018	175.0059438
605983.26	5600572.85	48.77902697	54167.77	54000.88	53833.11	54037.09273	-203.9827332	2.18726676	Varney-2018	177.6172668
605982.75	5600571.6	48.58879569	54167.78	53998.62	53830.84	54037.09168	-206.2516822	-0.081682156	Varney-2018	175.3483178
605983.09	5600571.05	48.5073886	54167.78	53999.65	53831.87	54037.09232	-205.2223173	0.947682675	Varney-2018	176.3776827
605983.56	5600570.92	48.48972538	54167.79	53994.27	53826.48	54037.09323	-210.6132254	-4.443225373	Varney-2018	170.9867746
605984.42	5600571.04	48.51127642	54167.78	53995.96	53828.18	54037.0949	-208.9149038	-2.744903817	Varney-2018	172.6850962
605985.52	5600569.89	48.34259206	54167.77	53991.99	53824.22	54037.09699	-212.87699	-6.706989966	Varney-2018	168.72301
605986.28	5600568.44	48.14220522	54167.74	53992.77	53825.03	54037.09801	-212.068007	-5.898006972	Varney-2018	169.531993
605986.64	5600568.05	48.09276747	54167.7	53996.23	53828.53	54037.09848	-208.5684816	-2.398481558	Varney-2018	173.0315184
605986.86	5600567.45	48.00804544	54167.67	53999.34	53831.67	54037.09876	-205.4287563	0.741243707	Varney-2018	176.1712437
605987.01	5600566.07	47.80395295	54167.64	53997.17	53829.53	54037.0989	-207.5689024	-1.398902375	Varney-2018	174.0310976
605986.89	5600565.93	47.77977749	54167.62	53996.24	53828.62	54037.09873	-208.4787317	-2.308731718	Varney-2018	173.1212683
605988.54	5600564.49	47.60488419	54167.6	53996.1	53828.5	54037.10094	-208.6009396	-2.430939589	Varney-2018	172.9990604
605989.42	5600564.58	47.64091763	54167.6	53991.15	53823.55	54037.10215	-213.5521536	-7.382153586	Varney-2018	168.0478464
605990.77	5600566.82	48.01373692	54167.61	53994.13	53826.52	54037.10409	-210.5840852	-4.414085211	Varney-2018	171.0159148
605990.98	5600567.8	48.16719657	54167.62	54004.16	53836.54	54037.10441	-200.564405	5.605594994	Varney-2018	181.035595
605991.69	5600566.03	47.91800804	54167.63	53995.46	53827.83	54037.10532	-209.275321	-3.105321011	Varney-2018	172.324679
605992.57	5600565.13	47.80448146	54167.66	53994.35	53826.69	54037.1065	-210.4165024	-4.246502385	Varney-2018	171.1834976
605993	5600563.81	47.61580078	54167.69	53988.5	53820.81	54037.10706	-216.2970568	-10.12705677	Varney-2018	165.3029432
605993.04	5600562.74	47.45495523	54167.69	53979.16	53811.47	54037.10708	-225.6370824	-19.46708239	Varney-2018	155.9629176
605992.33	5600560.65	47.12094014	54167.68	53979.48	53811.8	54037.10604	-225.3060411	-19.13604106	Varney-2018	156.2939589
605992.05	5600558.96	46.8584067	54167.64	53980.32	53812.68	54037.1056	-224.4256023	-18.25560229	Varney-2018	157.1743977
605992.06	5600558.23	46.74829484	54167.59	53982.35	53814.76	54037.10559	-222.3455942	-16.17559425	Varney-2018	159.2544058
605992.05	5600557.22	46.59535451	54167.54	53980.14	53812.6	54037.10555	-224.50555	-18.33554995	Varney-2018	157.09445
605992.32	5600556.16	46.44177704	54167.48	53981.84	53814.36	54037.1059	-222.7458952	-16.57589524	Varney-2018	158.8541048
605992.52	5600555.45	46.33935046	54167.45	53983.44	53815.99	54037.10615	-221.1161541	-14.94615412	Varney-2018	160.4838459
605991.49	5600553.67	46.04496136	54167.41	53979.38	53811.97	54037.10466	-225.1346573	-18.96465732	Varney-2018	156.4653427
605991.2	5600553.07	45.94720468	54167.4	53984.07	53816.67	54037.10423	-220.434231	-14.26423102	Varney-2018	161.165769
605990.8	5600552.23	45.81054732	54167.39	53986.27	53818.88	54037.10364	-218.2236412	-12.05364116	Varney-2018	163.3763588

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605991.18	5600551.41	45.69589675	54167.42	53990.62	53823.2	54037.10415	-213.9041493	-7.734149307	Varney-2018	167.6958507
605991.3	5600550.82	45.60965434	54167.46	53997.78	53830.32	54037.1043	-206.7842995	-0.61429951	Varney-2018	174.8157005
605991.84	5600550.74	45.61063095	54167.5	54008.22	53840.72	54037.10506	-196.3850587	9.784941262	Varney-2018	185.2149413
605992.3	5600550.45	45.5779116	54167.54	54011.59	53844.05	54037.1057	-193.0556991	13.11430087	Varney-2018	188.5443009
605992.23	5600550.71	45.61553104	54167.56	54010.16	53842.6	54037.10561	-194.505608	11.66439197	Varney-2018	187.094392
605993.99	5600549.04	45.4053291	54167.59	54009.89	53842.3	54037.10805	-194.808049	11.361951	Varney-2018	186.791951
605993.97	5600548.72	45.35641222	54167.59	54010.04	53842.45	54037.10801	-194.6580126	11.51198737	Varney-2018	186.9419874
605995.27	5600547.75	45.24067102	54167.58	54009.85	53842.27	54037.10983	-194.839832	11.33016803	Varney-2018	186.760168
605995.74	5600547.48	45.21099422	54167.56	54009.13	53841.57	54037.11049	-195.540493	10.62950702	Varney-2018	186.059507
605995.37	5600546.99	45.12792394	54167.53	54016.17	53848.64	54037.10996	-188.4699573	17.70004266	Varney-2018	193.1300427
605996.77	5600547.68	45.26591969	54167.53	54017.02	53849.49	54037.11196	-187.6219582	18.54804183	Varney-2018	193.9780418
605996.14	5600546.79	45.11596331	54167.52	54020.77	53853.25	54037.11105	-183.861047	22.30895302	Varney-2018	197.738953
605995.4	5600545.57	44.91350879	54167.52	54027.53	53860.01	54037.10997	-177.0999693	29.07003071	Varney-2018	204.5000307
605995.74	5600545.81	44.95793459	54167.53	54031.02	53863.49	54037.11046	-173.6204584	32.54954163	Varney-2018	207.9795416
605995.84	5600545.21	44.8693815	54167.54	54036.42	53868.88	54037.11059	-168.2305884	37.93941159	Varney-2018	213.3694116
605994.82	5600545	44.81343943	54167.56	54039.22	53871.66	54037.10913	-165.4491303	40.72086969	Varney-2018	216.1508697
605995.07	5600544.87	44.79965984	54167.56	54038.63	53871.07	54037.10948	-166.0394837	40.13051629	Varney-2018	215.5605163
605994.44	5600543.37	44.55765879	54167.57	54036.38	53868.81	54037.10855	-168.2985495	37.87145048	Varney-2018	213.3014505
605994.67	5600542.67	44.45706012	54167.57	54033.48	53865.91	54037.10886	-171.1988619	34.97113813	Varney-2018	210.4011381
605994.29	5600543.01	44.4996336	54167.56	54034.92	53867.36	54037.10833	-169.7483263	36.42167369	Varney-2018	211.8516737
605994.87	5600542.85	44.48900546	54167.55	54031.56	53864.01	54037.10915	-173.0991522	33.07084775	Varney-2018	208.5008478
605995.42	5600542.5	44.44887142	54167.54	54017.93	53850.39	54037.10993	-186.7199316	19.45006837	Varney-2018	194.8800684
605996.52	5600542.27	44.43974824	54167.53	53994.72	53827.19	54037.1115	-209.9215021	-3.751502128	Varney-2018	171.6784979
605997.68	5600541.69	44.37887687	54167.51	53970.71	53803.2	54037.11315	-233.9131544	-27.74315435	Varney-2018	147.6868456
605997.97	5600541.77	44.3977818	54167.51	53956.87	53789.36	54037.11357	-247.7535713	-41.58357133	Varney-2018	133.8464287
605998.25	5600540.98	44.2844152	54167.5	53941.56	53774.06	54037.11396	-263.0539614	-56.88396137	Varney-2018	118.5460386
605997.94	5600540.33	44.1785713	54167.5	53940.67	53773.17	54037.11351	-263.9435065	-57.77350652	Varney-2018	117.6564935
605999.46	5600538.74	43.9723292	54167.51	53940.71	53773.2	54037.11567	-263.9156731	-57.74567306	Varney-2018	117.6843269
605999.17	5600538.8	43.97475755	54167.51	53949.47	53781.96	54037.11526	-255.1552558	-48.98525583	Varney-2018	126.4447442
605999.69	5600538.25	43.90319343	54167.5	53941.29	53773.79	54037.116	-263.3259993	-57.15599929	Varney-2018	118.2740007
605999.41	5600538.61	43.95143197	54167.49	53938.08	53770.59	54037.1156	-266.5255995	-60.35559951	Varney-2018	115.0744005
605999.61	5600539.58	44.10338481	54167.48	53937.68	53770.2	54037.1159	-266.9158984	-60.7458984	Varney-2018	114.6841016
605999.1	5600540.32	44.20396263	54167.45	53937.32	53769.87	54037.11517	-267.2451735	-61.0751735	Varney-2018	114.3548265
605999.36	5600539.97	44.15683615	54167.41	53936.6	53769.19	54037.11554	-267.9255431	-61.75554313	Varney-2018	113.6744569
606000.99	5600538.49	43.96958064	54167.39	53928.99	53761.6	54037.11788	-275.5178762	-69.34787624	Varney-2018	106.0821238
606001.71	5600538.39	43.97094605	54167.37	53910.36	53742.99	54037.11891	-294.1289138	-87.9589138	Varney-2018	87.4710862
606001.87	5600539.53	44.1480444	54167.36	53907.83	53740.47	54037.11915	-296.6491504	-90.47915042	Varney-2018	84.95084958
606002.28	5600540.04	44.23512527	54167.35	53902.36	53735.01	54037.11974	-302.1097426	-95.93974259	Varney-2018	79.49025741
606002.94	5600540.34	44.29608435	54167.36	53885.85	53718.49	54037.12069	-318.6306923	-112.4606923	Varney-2018	62.96930766
606003.48	5600539.25	44.14263348	54167.37	53870.01	53702.64	54037.12147	-334.4814672	-128.3114672	Varney-2018	47.11853278
606003.42	5600538.24	43.9874571	54167.39	53867.85	53700.46	54037.12138	-336.6613796	-130.4913796	Varney-2018	44.93862041
606003.79	5600536.97	43.80254101	54167.41	53866.5	53699.09	54037.12191	-338.0319129	-131.8619129	Varney-2018	43.56808707
606003.71	5600536.17	43.67887427	54167.42	53861.1	53693.68	54037.1218	-343.4417969	-137.2717969	Varney-2018	38.15820312
606003.51	5600535.25	43.53421979	54167.43	53863.03	53695.6	54037.12151	-341.5215064	-135.3515064	Varney-2018	40.07849359
606003.75	5600534.81	43.47265879	54167.42	53859.71	53692.29	54037.12185	-344.8318543	-138.6618543	Varney-2018	36.76814574
606004.07	5600533.7	43.31082651	54167.41	53861.64	53694.23	54037.12232	-342.8923191	-136.7223191	Varney-2018	38.7076809
606005.09	5600531.87	43.05489811	54167.4	53863.97	53696.57	54037.12381	-340.5538077	-134.3838077	Varney-2018	41.04619232
606005.55	5600531.34	42.98438654	54167.38	53859.82	53692.44	54037.12448	-344.6844809	-138.5144809	Varney-2018	36.91551913
606005.38	5600531.7	43.03547322	54167.38	53859.66	53692.28	54037.12423	-344.8442313	-138.6742313	Varney-2018	36.75576868
606005.42	5600531.12	42.94794158	54167.37	53858.01	53690.64	54037.12429	-346.4842919	-140.3142919	Varney-2018	35.11570809
606006.28	5600530.5	42.87255772	54167.35	53860.13	53692.78	54037.12555	-344.3455517	-138.1755517	Varney-2018	37.25444827
606005.95	5600529.44	42.70355205	54167.33	53865.2	53697.87	54037.12507	-339.2550747	-133.0850747	Varney-2018	42.34492528
606006.17	5600529.1	42.65656562	54167.33	53859.89	53692.56	54037.1254	-344.5653989	-138.3953989	Varney-2018	37.03460107
606006.39	5600528.64	42.59125859	54167.32	53865.75	53698.43	54037.12572	-338.6957243	-132.5257243	Varney-2018	42.90427572
606007.19	5600528.6	42.60281657	54167.32	53867.64	53700.32	54037.1269	-336.8068981	-130.6368981	Varney-2018	44.7931019
606008	5600527.02	42.37942111	54167.31	53866.54	53699.23	54037.1281	-337.8981028	-131.7281028	Varney-2018	43.70189725
606009.07	5600526.55	42.3310594	54167.32	53866.54	53699.22	54037.12968	-337.9096828	-131.7396828	Varney-2018	43.69031715
606008.81	5600526.39	42.30092545	54167.33	53870.99	53703.66	54037.1293	-333.4693021	-127.2993021	Varney-2018	48.13069792
606009.41	5600525.76	42.21775341	54167.34	53869.47	53702.13	54037.13019	-335.0001944	-128.8301944	Varney-2018	46.59980558
606008.67	5600525.65	42.18481427	54167.35	53873.92	53706.57	54037.1291	-330.5591049	-124.3891049	Varney-2018	51.04089514
606008.94	5600524.67	42.0409577	54167.36	53875.55	53708.19	54037.12952	-328.9395155	-122.7695155	Varney-2018	52.66048452
606008.37	5600523.66	41.87432001	54167.38	53874.79	53707.41	54037.12869	-329.7186851	-123.5486851	Varney-2018	51.88131494
606007.86	5600522.08	41.6220478	54167.38	53873.61	53706.23	54037.12795	-330.8979464	-124.7279464	Varney-2018	50.70205365
606009.88	5600520.14	41.36877871	54167.37	53881.19	53713.82	54037.13097	-323.3109725	-117.1409725	Varney-2018	58.28902754

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606010.03	5600519.1	41.21295156	54167.36	53884.19	53716.83	54037.13121	-320.3012119	-114.1312119	Varney-2018	61.29878811
606010.83	5600518.41	41.12432955	54167.34	53886.44	53719.1	54037.13242	-318.0324169	-111.8624169	Varney-2018	63.56758312
606010.63	5600516.71	40.86008051	54167.31	53894.14	53726.83	54037.13215	-310.3021473	-104.1321473	Varney-2018	71.2978527
606009.87	5600515.86	40.71421588	54167.27	53901.33	53734.06	54037.13102	-303.0710223	-96.9010223	Varney-2018	78.5289777
606010.17	5600515.19	40.61801991	54167.25	53906.66	53739.41	54037.13148	-297.7214827	-91.55148274	Varney-2018	83.87851726
606010.42	5600514.87	40.57427748	54167.23	53908.98	53741.75	54037.13186	-295.3818633	-89.21186328	Varney-2018	86.21813672
606011.38	5600514.06	40.47025322	54167.22	53911.51	53744.29	54037.13332	-292.8433204	-86.6733204	Varney-2018	88.7566796
606011.49	5600513.45	40.37917354	54167.21	53909.02	53741.81	54037.1335	-295.3234976	-89.15349756	Varney-2018	86.27650244
606011.4	5600512.88	40.29008907	54167.21	53920.8	53753.59	54037.13337	-283.5433729	-77.3733729	Varney-2018	98.0566271
606011.86	5600513	40.31792041	54167.22	53915.17	53747.95	54037.13406	-289.1840636	-83.01406365	Varney-2018	92.41593635
606011.86	5600513.49	40.39292769	54167.23	53914.79	53747.56	54037.13405	-289.5740538	-83.40405377	Varney-2018	92.02594623
606011.93	5600513.41	40.38212506	54167.24	53907.35	53740.11	54037.13416	-297.0241608	-90.85416077	Varney-2018	84.57583923
606013.47	5600512.99	40.34952435	54167.23	53903.99	53736.76	54037.13649	-300.3764895	-94.2064895	Varney-2018	81.2235105
606012.59	5600514.75	40.60095037	54167.22	53906.99	53739.77	54037.13512	-297.3651249	-91.19512491	Varney-2018	84.23487509
606014.82	5600511.02	40.07518993	54167.21	53909.46	53742.25	54037.13858	-294.888578	-88.71857797	Varney-2018	86.71142203
606015.55	5600510.16	39.95812678	54167.19	53918.09	53750.9	54037.13971	-286.2397069	-80.06970686	Varney-2018	95.36029314
606014.82	5600509.98	39.91569606	54167.18	53924.93	53757.75	54037.13861	-279.3886068	-73.21860677	Varney-2018	102.2113932
606014.03	5600509.69	39.85521277	54167.16	53927.56	53760.4	54037.13742	-276.7374179	-70.56741795	Varney-2018	104.8625821
606014.55	5600508.95	39.77831599	54167.15	53932.07	53764.92	54037.13754	-272.217535	-66.047535	Varney-2018	109.382465
606014.29	5600508.78	39.76466112	54167.14	53932.52	53765.38	54037.13668	-271.7566766	-65.58667657	Varney-2018	109.8433234
606014.2	5600509.38	39.81113472	54167.13	53932.96	53765.83	54037.13768	-271.3076836	-65.13768359	Varney-2018	110.2923164
606014.44	5600509.92	39.89878558	54167.11	53932.9	53765.79	54037.13803	-271.348033	-65.17803295	Varney-2018	110.251967
606015.48	5600510.1	39.94749975	54167.11	53938.79	53771.68	54037.1396	-265.4596027	-59.28960265	Varney-2018	116.1403973
606016.45	5600509.31	39.84591722	54167.1	53936.2	53769.1	54037.1411	-268.0410963	-61.87109633	Varney-2018	113.5589037
606015.77	5600509	39.80551694	54167.08	53936.87	53769.79	54037.13952	-267.3495196	-61.17951961	Varney-2018	114.2504804
606016.47	5600508.91	39.81533739	54167.05	53939.84	53772.79	54037.14033	-264.3503322	-58.1803322	Varney-2018	117.2496678
606017.16	5600507.98	39.78433787	54167.01	53944.37	53777.36	54037.13881	-259.7788125	-53.60881254	Varney-2018	121.8211875
606017.63	5600507.53	39.77230234	54166.97	53952.11	53785.14	54037.13828	-251.998278	-45.828278	Varney-2018	129.601722
606016.98	5600506.6	39.71376336	54166.96	53947.37	53780.41	54037.13474	-256.7247385	-50.55473846	Varney-2018	124.8752615
606017.19	5600506.94	39.73462997	54166.95	53952.03	53785.08	54037.13599	-252.0559899	-45.88598995	Varney-2018	129.5440101
606018.22	5600506.55	39.73742315	54166.95	53957.84	53790.89	54037.13645	-246.2464539	-40.07645394	Varney-2018	135.3535461
606018.63	5600506.81	39.75851326	54166.94	53957.59	53790.65	54037.13779	-246.4877867	-40.31778672	Varney-2018	135.1122133
606019.81	5600506.35	39.76135112	54166.97	53961.36	53794.39	54037.13827	-242.7482745	-36.57827453	Varney-2018	138.8517255
606019.61	5600506.12	39.74617373	54167	53957.8	53790.8	54037.13734	-246.3373372	-40.16733717	Varney-2018	135.2626628
606019.25	5600506.44	39.75383538	54167	53957.57	53790.57	54037.13769	-246.5676882	-40.39768817	Varney-2018	135.0323118
606020.05	5600506.99	39.79681977	54167.01	53954.18	53787.17	54037.14041	-249.9704126	-43.80041258	Varney-2018	131.6295874
606020.21	5600506.79	39.79067167	54167	53950.09	53783.09	54037.1401	-254.0500959	-47.88009586	Varney-2018	127.5499041
606020.96	5600507.67	39.84795289	54166.99	53950.14	53783.15	54037.14367	-253.993672	-47.82367196	Varney-2018	127.606328
606021.67	5600507.27	39.84383836	54166.97	53944.69	53777.72	54037.14362	-259.423622	-53.25362196	Varney-2018	122.176378
606022.59	5600506.97	39.84896797	54166.95	53940.43	53773.48	54037.14416	-263.6641619	-57.49416189	Varney-2018	117.9358381
606023.53	5600505.48	39.79942826	54166.91	53938.14	53771.23	54037.14138	-265.9113841	-59.74138413	Varney-2018	115.6886159
606023.75	5600504.76	39.77074293	54166.87	53939.26	53772.39	54037.13969	-264.749687	-58.57968701	Varney-2018	116.850313
606025.13	5600503.38	39.73712956	54166.87	53938.13	53771.26	54037.13783	-265.8778344	-59.7078344	Varney-2018	115.7221656
606024.8	5600503.23	39.72295913	54166.86	53937.78	53770.92	54037.13693	-266.2169268	-60.04692679	Varney-2018	115.3830732
606024.2	5600501.27	39.61911397	54166.85	53938.16	53771.31	54037.13053	-265.8205293	-59.65052932	Varney-2018	115.7794707
606025.34	5600500.67	39.61742068	54166.83	53928.11	53761.28	54037.13049	-275.8504894	-69.68048944	Varney-2018	105.7495106
606024.95	5600501.67	39.65450951	54166.82	53923.53	53756.71	54037.13275	-280.4227462	-74.25274624	Varney-2018	101.1772538
606025.05	5600502.37	39.68894095	54166.8	53920.08	53753.28	54037.13487	-283.8548669	-77.68486694	Varney-2018	97.74513306
606027.95	5600501.09	39.69598056	54166.78	53919.36	53752.58	54037.13546	-284.5554599	-78.38545987	Varney-2018	97.04454013
606028.42	5600501	39.70261379	54166.75	53916.66	53749.91	54037.13588	-287.2258849	-81.0558849	Varney-2018	94.3741151
606029.29	5600500.38	39.69471141	54166.73	53898.46	53731.73	54037.13537	-305.4053747	-99.23537471	Varney-2018	76.19462529
606028.9	5600500.89	39.70860518	54166.71	53888.48	53721.77	54037.13627	-315.3662666	-109.1962666	Varney-2018	66.23373335
606027.17	5600500.7	39.6605887	54166.71	53883.68	53716.97	54037.13322	-320.1632217	-113.9932217	Varney-2018	61.43677831
606027.49	5600500.6	39.66337492	54166.7	53885.2	53718.5	54037.1334	-318.6334005	-112.4634005	Varney-2018	62.96659953
606026.27	5600502.34	39.71480647	54166.7	53880.52	53713.82	54037.13656	-323.3165637	-117.1465637	Varney-2018	58.28343634
606026.09	5600502.29	39.7085044	54166.71	53876.51	53709.8	54037.13616	-327.3361593	-121.1661593	Varney-2018	54.26384068
606025.89	5600502.73	39.72414704	54166.71	53878.34	53711.63	54037.13711	-325.507112	-119.337112	Varney-2018	56.09288803
606025.42	5600502.96	39.7242541	54166.72	53877.12	53710.4	54037.13707	-326.7370739	-120.5670739	Varney-2018	54.8629261
606024.38	5600502.69	39.68876081	54166.72	53877.53	53710.81	54037.13479	-326.3247897	-120.1547897	Varney-2018	55.27521032
606024.26	5600502.44	39.67454109	54166.72	53879.14	53712.42	54037.13391	-324.7139103	-118.5439103	Varney-2018	56.8860897
606024.26	5600502.64	39.68378338	54166.7	53879.31	53712.61	54037.13447	-324.5244734	-118.3544734	Varney-2018	57.07552664
606023.73	5600502.82	39.68034409	54166.68	53880.9	53714.22	54037.1342	-322.9142042	-116.7442042	Varney-2018	58.68579585
606023.4	5600502.93	39.67813589	54166.67	53881	53714.33	54037.13403	-322.8040299	-116.6340299	Varney-2018	58.79597008
606022.91	5600502.41	39.64303619	54166.65	53871.46	53704.81	54037.13185	-332.3218539	-126.1518539	Varney-2018	49.27814613

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606022.3	5600502.02	39.61116904	54166.63	53871.71	53705.08	54037.12987	-332.0498711	-125.8798711	Varney-2018	49.55012888
606022.15	5600502.02	39.60780451	54166.61	53870.37	53703.76	54037.12965	-333.3696525	-127.1996525	Varney-2018	48.23034751
606021.73	5600501.63	39.58005729	54166.58	53873.7	53707.12	54037.12795	-330.0079504	-123.8379504	Varney-2018	51.59204957
606021.43	5600501.66	39.57470468	54166.55	53874.06	53707.51	54037.1276	-329.6175979	-123.4475979	Varney-2018	51.98240211
606020.99	5600501.08	39.53739948	54166.54	53868.22	53701.68	54037.12534	-335.4453405	-129.2753405	Varney-2018	46.1546595
606021.47	5600500.17	39.50547021	54166.52	53867.04	53700.52	54037.1235	-336.6034953	-130.4334953	Varney-2018	44.99650473
606021.52	5600499.98	39.49767962	54166.52	53858.97	53692.45	54037.12304	-344.6730367	-138.5030367	Varney-2018	36.92696326
606021.98	5600498.75	39.45058238	54166.51	53854.68	53688.17	54037.12026	-348.9502596	-142.7802596	Varney-2018	32.64974036
606024.17	5600498.94	39.51069676	54166.54	53844.65	53678.11	54037.12393	-359.0139279	-152.8439279	Varney-2018	22.58607215
606027.63	5600499.91	39.63540703	54166.58	53841.6	53675.02	54037.13164	-362.1116413	-155.9416413	Varney-2018	19.48835867
606024.74	5600498.06	39.48348703	54166.59	53840.82	53674.23	54037.12226	-362.8922634	-156.7222634	Varney-2018	18.70773663
606023.81	5600495.99	39.36554727	54166.61	53841.89	53675.28	54037.11512	-361.8351179	-155.6651179	Varney-2018	19.76488208
606022.76	5600495.47	39.31577416	54166.59	53836.43	53669.84	54037.11218	-367.2721817	-161.1021817	Varney-2018	14.3278183
606022.82	5600495.22	39.30557727	54166.57	53826.35	53659.78	54037.11157	-377.3315651	-171.1615651	Varney-2018	4.268434945
606022.81	5600494.54	39.27360437	54166.54	53824.1	53657.56	54037.10964	-379.5496447	-173.3796447	Varney-2018	2.050355312
606022.47	5600494.85	39.27969096	54166.5	53820.96	53654.46	54037.11004	-382.6500381	-176.4800381	Varney-2018	-1.050038129
606022.66	5600494.77	39.28063613	54166.45	53819.32	53652.87	54037.11008	-384.2400797	-178.0700797	Varney-2018	-2.640079744
606022.72	5600494.69	39.27838111	54166.39	53820.44	53654.05	54037.10994	-383.0599394	-176.8899394	Varney-2018	-1.459939422
606022.66	5600493.92	39.24093729	54166.39	53819.08	53652.69	54037.1077	-384.4176979	-178.2476979	Varney-2018	-2.817697852
606023.25	5600491.19	39.12863676	54166.39	53818.75	53652.36	54037.10086	-384.7408555	-178.5708555	Varney-2018	-3.140855469
606022.85	5600490.25	39.07448255	54166.4	53812.16	53645.76	54037.09767	-391.3376723	-185.1676723	Varney-2018	-9.737672315
606022.73	5600490.69	39.09189619	54166.42	53809.57	53643.15	54037.09874	-393.9487422	-187.7787422	Varney-2018	-12.34874219
606021.93	5600490.55	39.06458882	54166.42	53806.32	53639.9	54037.09726	-397.1972588	-191.0272588	Varney-2018	-15.5972588
606022.36	5600490.56	39.07622161	54166.43	53805.83	53639.4	54037.09787	-397.6978732	-191.5278732	Varney-2018	-16.09787321
606022.01	5600491.09	39.0919946	54166.4	53807.09	53640.69	54037.09888	-396.4088782	-190.2388782	Varney-2018	-14.80887823
606021.29	5600490.71	39.05551168	54166.36	53806.54	53640.18	54037.09683	-396.9168326	-190.7468326	Varney-2018	-15.31683256
606020.73	5600490.76	39.04336402	54166.31	53801.58	53635.27	54037.09621	-401.8262074	-195.6562074	Varney-2018	-20.22620744
606020.02	5600491.29	39.05015959	54166.25	53797.33	53631.08	54037.09671	-406.0167117	-199.8467117	Varney-2018	-24.4167117
606019.87	5600490.86	39.02584646	54166.2	53798.05	53631.85	54037.09531	-405.2453111	-199.0753111	Varney-2018	-23.64531108
606019.67	5600490.37	38.99733594	54166.15	53799.96	53633.81	54037.09368	-403.2836767	-197.1136767	Varney-2018	-21.6836767
606019.44	5600490.78	39.01090697	54166.14	53803.33	53637.19	54037.0945	-399.9045015	-193.7345015	Varney-2018	-18.3045015
606019.03	5600491.78	39.04811361	54166.12	53802.88	53636.76	54037.09671	-400.3367141	-194.1667141	Varney-2018	-18.73671414
606019.02	5600490.88	39.00481418	54166.16	53801.68	53635.52	54037.09421	-401.5742052	-195.4042052	Varney-2018	-19.97420518
606018.81	5600490.39	38.97591641	54166.2	53794.2	53628	54037.09256	-409.0925605	-202.9225605	Varney-2018	-27.49256055
606020.27	5600486.03	38.80705409	54166.24	53794.29	53628.05	54037.08242	-409.0324172	-202.8624172	Varney-2018	-27.43241717
606021.68	5600485.16	38.80473255	54166.28	53795.13	53628.85	54037.08186	-408.231857	-202.061857	Varney-2018	-26.63185698
606021.07	5600484.5	38.75673256	54166.31	53792.02	53625.71	54037.07921	-411.3692111	-205.1992111	Varney-2018	-29.76921107
606021.15	5600485.21	38.79244946	54166.35	53795.75	53629.4	54037.0813	-407.681297	-201.511297	Varney-2018	-26.08129704
606020.48	5600485.02	38.76494912	54166.36	53774.97	53608.61	54037.07988	-428.4698835	-222.2998835	Varney-2018	-46.86988353
606021.44	5600484.92	38.78680309	54166.37	53774.08	53607.71	54037.08087	-429.3708701	-223.2008701	Varney-2018	-47.77087011
606021.79	5600482.37	38.67671778	54166.33	53777.65	53611.32	54037.0742	-425.7542037	-219.5842037	Varney-2018	-44.15420373
606021.53	5600482.32	38.66695895	54166.29	53776.71	53610.42	54037.07373	-426.6537269	-220.4837269	Varney-2018	-45.05372689
606021.4	5600481.81	38.63923652	54166.27	53770.73	53604.46	54037.07213	-432.6121345	-226.4421345	Varney-2018	-51.01213445
606021.38	5600481.44	38.62123675	54166.25	53766.68	53600.43	54037.07108	-436.6410756	-230.4710756	Varney-2018	-55.04107565
606019.37	5600480.79	38.53238821	54166.22	53755.01	53588.79	54037.06668	-448.2766802	-242.1066802	Varney-2018	-66.67668022
606019.45	5600481.52	38.56952238	54166.18	53755.7	53589.52	54037.06881	-447.5488094	-241.3788094	Varney-2018	-65.94880942
606019.6	5600482.26	38.6090936	54166.17	53748.76	53582.59	54037.07106	-454.4810581	-248.3110581	Varney-2018	-72.88105806
606019.13	5600483.11	38.63631299	54166.16	53746.12	53579.96	54037.07281	-457.1128063	-250.9428063	Varney-2018	-75.51280633
606018.99	5600482.53	38.60461241	54166.15	53748.48	53582.33	54037.07102	-454.741016	-248.571016	Varney-2018	-73.14101602
606018.34	5600482.14	38.56739504	54166.13	53749.31	53583.18	54037.06909	-453.8890931	-247.7190931	Varney-2018	-72.28909309
606018.7	5600482	38.57096581	54166.12	53748.16	53582.04	54037.06917	-455.0291715	-248.8591715	Varney-2018	-73.42917151
606018.97	5600481.65	38.56194309	54166.1	53750.28	53584.18	54037.06855	-452.8885506	-246.7185506	Varney-2018	-71.28855062
606019.37	5600481.43	38.56292795	54166.08	53749.49	53583.41	54037.06846	-453.6584564	-247.4884564	Varney-2018	-72.05845645
606020.1	5600481.3	38.57775958	54166.05	53752.27	53586.22	54037.06904	-450.849036	-244.679036	Varney-2018	-69.24903599
606019.98	5600480.39	38.53104914	54166.02	53759.05	53593.03	54037.06635	-444.0363513	-237.8663513	Varney-2018	-62.4363513
606019.25	5600478.31	38.41047836	54165.98	53766.02	53600.04	54037.05965	-437.0196457	-230.8496457	Varney-2018	-55.4196457
606018.94	5600477.29	38.3524522	54165.96	53773.45	53607.49	54037.05643	-429.5664267	-223.3964267	Varney-2018	-47.96642667
606019.18	5600477.78	38.38307506	54165.93	53777.71	53611.78	54037.05809	-425.2780871	-219.1080871	Varney-2018	-43.67808712
606018.94	5600477.53	38.3639364	54165.92	53775.89	53609.97	54037.05709	-427.0870919	-220.9170919	Varney-2018	-45.48709192
606019.29	5600476.41	38.32095614	54165.91	53781.78	53615.87	54037.05442	-421.1844243	-215.0144243	Varney-2018	-39.58442431
606019.61	5600476.91	38.35448135	54165.91	53789.27	53623.36	54037.05621	-413.6962124	-207.5262124	Varney-2018	-32.09621238
606018.07	5600477.98	38.35951009	54165.9	53793.2	53627.3	54037.05724	-409.7572422	-203.5872422	Varney-2018	-28.15724218
606018.94	5600478.48	38.4093947	54165.9	53792.19	53626.29	54037.05973	-410.7697252	-204.5997252	Varney-2018	-29.16972517
606018.95	5600478.67	38.41878262	54165.9	53792.61	53626.71	54037.06026	-410.3502645	-204.1802645	Varney-2018	-28.75026448

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606019.07	5600478.86	38.43142173	54165.91	53792.42	53626.51	54037.06094	-410.5509433	-204.3809433	Varney-2018	-28.95094333
606019.8	5600478.45	38.43349543	54165.92	53793.47	53627.55	54037.06073	-409.5107298	-203.3407298	Varney-2018	-27.91072977
606019.62	5600478.35	38.4233865	54165.91	53792.79	53626.88	54037.06022	-410.1802244	-204.0102244	Varney-2018	-28.58022436
606018.79	5600477.65	38.36518753	54165.9	53803.16	53637.26	54037.05724	-399.7972358	-193.6272358	Varney-2018	-18.19723579
606018.37	5600477.13	38.32763902	54165.88	53808.02	53642.14	54037.05527	-394.9152684	-188.7452684	Varney-2018	-13.31526838
606018.24	5600476.07	38.27277547	54165.85	53823.01	53657.16	54037.05217	-379.8921733	-173.7221733	Varney-2018	1.70782674
606018.79	5600476.02	38.28711531	54165.84	53839.36	53673.52	54037.05272	-363.5327197	-157.3627197	Varney-2018	18.06728031
606020.81	5600475.49	38.32355287	54165.83	53838.78	53672.95	54037.05376	-364.1037573	-157.9337573	Varney-2018	17.49624266
606021.02	5600475.07	38.31015186	54165.81	53849.62	53683.81	54037.05285	-353.2428465	-147.0728465	Varney-2018	28.35715345
606021.36	5600473.85	38.26313347	54165.78	53856.61	53690.83	54037.04986	-346.2198614	-140.0498614	Varney-2018	35.3801386
606022.04	5600474.06	38.29413689	54165.77	53860.32	53694.55	54037.05128	-342.5012833	-136.3312833	Varney-2018	39.09871667
606022.26	5600475.31	38.35950176	54165.75	53866.24	53700.49	54037.05505	-336.5650524	-130.3950524	Varney-2018	45.03494757
606023.25	5600474.58	38.35589448	54165.73	53873.31	53707.58	54037.05423	-329.47423	-123.30423	Varney-2018	52.12576997
606024.47	5600475.41	38.43187705	54165.71	53872.39	53706.68	54037.05807	-330.3780727	-124.2080727	Varney-2018	51.22192733
606025.08	5600475.06	38.43447583	54165.69	53872.64	53706.95	54037.05784	-330.1078413	-123.9378413	Varney-2018	51.49215866
606025.39	5600475.44	38.46143264	54165.67	53874.99	53709.32	54037.0593	-327.7392982	-121.5692982	Varney-2018	53.86070181
606025.7	5600476.13	38.50250485	54165.66	53876.09	53710.43	54037.06163	-326.6316334	-120.4616334	Varney-2018	54.96836664
606024.86	5600476.49	38.49353151	54165.64	53871.09	53705.45	54037.0616	-331.6116021	-125.4416021	Varney-2018	49.98839787
606024.99	5600477.17	38.528741	54165.64	53872.78	53707.14	54037.06368	-329.923683	-123.753683	Varney-2018	51.67631704
606025.1	5600477.44	38.54445787	54165.63	53872.96	53707.33	54037.06458	-329.7345829	-123.5645829	Varney-2018	51.86541706
606026.12	5600478.23	38.61111678	54165.63	53871.43	53705.8	54037.0681	-331.2681008	-125.0981008	Varney-2018	50.33189923
606027.05	5600478.11	38.63335241	54165.62	53870.04	53704.42	54037.06893	-332.6489348	-126.4789348	Varney-2018	48.9510652
606027.34	5600478.33	38.65195158	54165.61	53869.81	53704.2	54037.06993	-332.8699257	-126.6999257	Varney-2018	48.73007429
606028.4	5600478.84	38.70638292	54165.6	53865.45	53699.85	54037.07272	-337.2227185	-131.0527185	Varney-2018	44.37728153
606029.6	5600479.05	38.75122954	54165.6	53861.57	53695.97	54037.07484	-341.1048405	-134.9348405	Varney-2018	40.49515953
606031.2	5600478.48	38.77332147	54165.59	53871.72	53706.13	54037.07523	-330.9452349	-124.7752349	Varney-2018	50.65476505
606032.08	5600479.23	38.83229476	54165.59	53877.41	53711.82	54037.07851	-325.2585077	-119.0885077	Varney-2018	56.34149234
606033.01	5600478.54	38.82966056	54165.59	53878.65	53713.06	54037.0777	-324.0176979	-117.8476979	Varney-2018	57.58230208
606033.83	5600477.59	38.81288698	54165.57	53881.61	53716.04	54037.07599	-321.0359868	-114.8659868	Varney-2018	60.56401322
606034.83	5600477.27	38.82909992	54165.55	53884.28	53718.73	54037.07632	-318.346316	-112.176316	Varney-2018	63.253684
606035.28	5600475.78	38.7788302	54165.53	53883.36	53717.83	54037.07255	-319.2425517	-113.0725517	Varney-2018	62.35744827
606035.75	5600474.33	38.73130005	54165.5	53881.4	53715.9	54037.06892	-321.1689175	-114.9989175	Varney-2018	60.43108253
606035.99	5600473.36	38.69741218	54165.47	53878.23	53712.76	54037.06639	-324.306389	-118.136389	Varney-2018	57.29361097
606035.42	5600472.36	38.63682043	54165.44	53882.85	53717.41	54037.06279	-319.6527852	-113.4827852	Varney-2018	61.94721478
606036.41	5600472.35	38.66765001	54165.44	53876.84	53711.4	54037.06396	-325.6639589	-119.4939589	Varney-2018	55.93604105
606036.93	5600471.77	38.6595298	54165.44	53876.21	53710.77	54037.0629	-326.2928977	-120.1228977	Varney-2018	55.30710226
606036.84	5600472.42	38.68418986	54165.45	53873.99	53708.54	54037.06469	-328.5246856	-122.3546856	Varney-2018	53.07531435
606035.67	5600468.74	38.49015526	54165.46	53875.44	53709.98	54037.05256	-327.0725597	-120.9025597	Varney-2018	54.52744028
606035.79	5600469.23	38.51498018	54165.48	53874.98	53709.5	54037.05413	-327.5541277	-121.3841277	Varney-2018	54.04587232
606035.91	5600469.2	38.51760567	54165.5	53875.3	53709.8	54037.05418	-327.2541831	-121.0841831	Varney-2018	54.3458169
606036.15	5600469.72	38.5475409	54165.5	53875.05	53709.55	54037.05598	-327.505983	-121.335983	Varney-2018	54.09401697
606036.14	5600469.69	38.54594055	54165.51	53875.79	53710.28	54037.05588	-326.7758837	-120.6058837	Varney-2018	54.82411628
606036.21	5600469.71	38.54905862	54165.5	53875.4	53709.9	54037.05603	-327.1560255	-120.9860255	Varney-2018	54.44397449
606036.22	5600469.74	38.55065826	54165.48	53875.5	53710.02	54037.05612	-327.0361248	-120.8661248	Varney-2018	54.56387516
606036.61	5600470.59	38.59933037	54165.45	53876.43	53710.98	54037.05907	-326.0790692	-119.9090692	Varney-2018	55.52093078
606036.37	5600470.85	38.60266742	54165.42	53875.34	53709.92	54037.05954	-327.1395388	-120.9695388	Varney-2018	54.46046118
606036.47	5600470.76	38.60205054	54165.4	53875.48	53710.08	54037.0594	-326.9793967	-120.8093967	Varney-2018	54.62060328
606036.75	5600470.02	38.57967979	54165.37	53873	53707.63	54037.05757	-329.4275743	-123.2575743	Varney-2018	52.17242566
606037.74	5600468.31	38.53972939	54165.35	53857.12	53691.77	54037.05376	-345.2837556	-139.1137556	Varney-2018	36.31624444
606037.89	5600467.74	38.52070559	54165.33	53849.43	53684.1	54037.05226	-352.9522646	-146.7822646	Varney-2018	28.64773543
606038.88	5600467.37	38.53793793	54165.32	53842.21	53676.89	54037.05234	-360.1623441	-153.9923441	Varney-2018	21.43765586
606039.74	5600466.48	38.52952772	54165.3	53840.71	53675.41	54037.05074	-361.6407357	-155.4707357	Varney-2018	19.95926433
606039.98	5600465.57	38.49989507	54165.3	53824.38	53659.08	54037.04834	-377.9683368	-171.7983368	Varney-2018	3.631663197
606039.92	5600464.39	38.44904004	54165.3	53813.37	53648.07	54037.04479	-388.974794	-182.804794	Varney-2018	-7.37479403
606040.74	5600464.49	38.4810546	54165.31	53805.07	53639.76	54037.04603	-397.2860319	-191.1160319	Varney-2018	-15.68603192
606040.06	5600463.34	38.41039382	54165.32	53813.09	53647.77	54037.04186	-389.2718632	-183.1018632	Varney-2018	-7.671863244
606039.4	5600462.63	38.35822545	54165.32	53821.28	53655.96	54037.03902	-381.0790232	-174.9090232	Varney-2018	0.52097679
606039.79	5600462.6	38.3704643	54165.32	53822.97	53657.65	54037.03938	-379.3893778	-173.2193778	Varney-2018	2.210622227
606039.79	5600462.26	38.35637949	54165.31	53825.04	53659.73	54037.03838	-377.3083774	-171.1383774	Varney-2018	4.291622621
606039.39	5600461.47	38.30968274	54165.3	53824.26	53658.96	54037.0356	-378.0756025	-171.9056025	Varney-2018	3.52439746
606039.77	5600461.46	38.32254019	54165.28	53824.46	53659.18	54037.036	-377.856001	-171.686001	Varney-2018	3.743999007
606039.6	5600460.05	38.25810921	54165.25	53842.38	53677.13	54037.03166	-359.9016631	-153.7316631	Varney-2018	21.69833692
606039.7	5600458.24	38.18661445	54165.21	53860.01	53694.8	54037.02645	-342.2264502	-136.0564502	Varney-2018	39.37354978
606041.91	5600457.02	38.21625735	54165.16	53882.61	53717.45	54037.02527	-319.5752695	-113.4052695	Varney-2018	62.02473052

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606042.56	5600456.16	38.20495819	54165.12	53909.52	53744.4	54037.02343	-292.6234278	-86.45342782	Varney-2018	88.97657218
606043.15	5600456.27	38.23097272	54165.07	53930.92	53765.85	54037.02439	-271.1743932	-65.00439322	Varney-2018	110.4256068
606044.11	5600455.77	38.24599234	54165.06	53946.87	53781.81	54037.02394	-255.2139445	-49.04394452	Varney-2018	126.3860555
606044.94	5600455.16	38.2521368	54165.04	53952.66	53787.62	54037.02302	-249.4030199	-43.23301988	Varney-2018	132.1969801
606045.38	5600453.53	38.20364321	54165.04	53952.9	53787.86	54037.01862	-249.1586221	-42.98862209	Varney-2018	132.4413779
606045.65	5600453.27	38.20343253	54165.05	53945.34	53780.29	54037.01813	-256.7281311	-50.55813111	Varney-2018	124.8718689
606046.68	5600452.37	38.20663618	54165.06	53945.88	53780.82	54037.01652	-256.196523	-50.026523	Varney-2018	125.403477
606047.51	5600451.65	38.20983815	54165.08	53942.15	53777.07	54037.01523	-259.9452319	-53.77523188	Varney-2018	121.6547681
606048.41	5600452.23	38.26648113	54165.09	53945.3	53780.21	54037.01792	-256.8079204	-50.63792044	Varney-2018	124.7920796
606047.28	5600450.48	38.15534135	54165.11	53942.65	53777.54	54037.01148	-259.4714772	-53.30147716	Varney-2018	122.1285228
606047.59	5600449.96	38.14692655	54165.11	53943.14	53778.03	54037.01024	-258.9802352	-52.81023518	Varney-2018	122.6197648
606047.61	5600446.59	38.01621151	54165.12	53945.67	53780.55	54037.00012	-256.4501246	-50.2801246	Varney-2018	125.1498754
606048.07	5600444.41	37.94964033	54165.11	53951.84	53786.73	54036.99402	-250.2640247	-44.09402466	Varney-2018	131.3359753
606048.23	5600444.52	37.96034034	54165.1	53953.08	53787.98	54036.99451	-249.0145138	-42.84451375	Varney-2018	132.5854862
606048.93	5600444.13	37.97338687	54165.08	53952.69	53787.61	54036.99403	-249.3840283	-43.21402826	Varney-2018	132.2159717
606049.05	5600444.2	37.98091923	54165.05	53952.58	53787.53	54036.99436	-249.4643576	-43.29435763	Varney-2018	132.1356424
606049.2	5600444.02	37.98002163	54165.03	53953.01	53787.98	54036.99396	-249.0139619	-42.84396188	Varney-2018	132.5860381
606049.24	5600443.34	37.95544431	54165	53956.71	53791.71	54036.99195	-245.2819479	-39.11194786	Varney-2018	136.3180521
606049.6	5600442.13	37.92356123	54164.99	53962.07	53797.08	54036.98864	-239.9086425	-33.73864253	Varney-2018	141.6913575
606049.47	5600442	37.91324854	54164.98	53966.75	53801.77	54036.98812	-235.2181239	-29.04812392	Varney-2018	146.3818761
606049.5	5600441.51	37.89564376	54164.96	53969.21	53804.25	54036.98667	-232.7366723	-26.56667226	Varney-2018	148.8633277
606049.44	5600440.27	37.84549838	54164.93	53970.33	53805.4	54036.98287	-231.5828681	-25.41286812	Varney-2018	150.0171319
606049.66	5600440.24	37.85346772	54164.91	53966.75	53801.84	54036.98299	-235.142987	-28.97298701	Varney-2018	146.457013
606049.54	5600438.91	37.79739108	54164.89	53959.55	53794.66	54036.97885	-242.3188533	-36.14885334	Varney-2018	139.2811467
606050.04	5600437.96	37.78197587	54164.88	53960.06	53795.18	54036.97645	-241.7964492	-35.62644924	Varney-2018	139.8035508
606050.19	5600438	37.78983027	54164.86	53947.35	53782.49	54036.97671	-254.4867104	-48.3167104	Varney-2018	127.1132896
606051.37	5600438.49	37.8581269	54164.85	53958.01	53793.16	54036.9793	-243.8193008	-37.64930078	Varney-2018	137.7806992
606051.66	5600438.31	37.86351067	54164.83	53946.56	53781.73	54036.97903	-255.2490257	-49.07902573	Varney-2018	126.3509743
606051.88	5600439.23	37.90744875	54164.84	53934.79	53769.95	54036.98203	-267.0320297	-60.86202971	Varney-2018	114.5679703
606053.93	5600438.24	37.95639769	54164.85	53938.18	53773.33	54036.98094	-263.6509378	-57.4809378	Varney-2018	117.9490622
606053.57	5600437.32	37.9070422	54164.85	53939.99	53775.14	54036.97779	-261.8377902	-55.66779019	Varney-2018	119.7622098
606053.61	5600437.4	37.91171029	54164.84	53940.1	53775.26	54036.97807	-261.7180718	-55.54807176	Varney-2018	119.8819282
606053.36	5600436.83	37.87989531	54164.84	53939.18	53774.34	54036.9761	-262.6360991	-56.46609907	Varney-2018	118.9639009
606053.22	5600436.65	37.86723097	54164.85	53938.88	53774.03	54036.97542	-262.9454202	-56.77542024	Varney-2018	118.6545798
606053.74	5600436.54	37.88528547	54164.84	53938.3	53773.46	54036.97556	-263.515564	-57.34556402	Varney-2018	118.084436
606053.91	5600436.01	37.87287915	54164.82	53938.94	53774.12	54036.9741	-262.8541001	-56.68410014	Varney-2018	118.7458999
606054.22	5600435.65	37.87282569	54164.81	53939.7	53774.89	54036.97328	-262.0832829	-55.91328293	Varney-2018	119.5167171
606054.25	5600435.69	37.87559095	54164.79	53939.94	53775.15	54036.97343	-261.8234328	-55.6534328	Varney-2018	119.7765672
606053.92	5600435.64	37.85959032	54164.79	53939.83	53775.04	54036.97298	-261.9329779	-55.76297789	Varney-2018	119.6670221
606054.1	5600435.44	37.85990641	54164.78	53935.85	53771.07	54036.97253	-265.9025307	-59.73253068	Varney-2018	115.6974693
606054.14	5600434.82	37.83868184	54164.78	53915.72	53750.94	54036.97067	-286.0306702	-79.86067019	Varney-2018	95.56932981
606054.7	5600434.5	37.85105303	54164.77	53911.09	53746.32	54036.9702	-290.6501981	-84.48019814	Varney-2018	90.94980186
606054.93	5600433.52	37.82497214	54164.77	53904.56	53739.79	54036.9674	-297.1774016	-91.00740156	Varney-2018	84.42259844
606055.02	5600432.47	37.84394162	54164.77	53886.08	53721.31	54036.96284	-315.6528394	-109.4828394	Varney-2018	65.94716063
606055.5	5600431.49	37.89265055	54164.77	53880.75	53715.98	54036.95857	-320.9785715	-114.8085715	Varney-2018	60.62142845
606055.05	5600431.93	37.8603217	54164.77	53880.94	53716.17	54036.96028	-320.7902839	-114.6202839	Varney-2018	60.80971609
606054.56	5600432.45	37.82423079	54164.77	53877.85	53713.08	54036.96234	-323.8823373	-117.7123373	Varney-2018	57.7176627
606055.41	5600430.96	37.90352061	54164.76	53870.6	53705.84	54036.95596	-331.1159564	-124.9459564	Varney-2018	50.48404362
606054.74	5600431.47	37.85932768	54164.75	53869.56	53704.81	54036.95781	-332.1478148	-125.9778148	Varney-2018	49.45218515
606052.89	5600432.12	37.75946909	54164.73	53869.86	53705.13	54036.95929	-331.829294	-125.659294	Varney-2018	49.77070604
606052.27	5600432.88	37.71197913	54164.72	53870.64	53705.92	54036.96235	-331.0423529	-124.8723529	Varney-2018	50.55764707
606052.07	5600433.44	37.69744063	54164.71	53871.18	53706.47	54036.96459	-330.4945914	-124.3245914	Varney-2018	51.1054086
606052.15	5600433.6	37.70694443	54164.7	53871.49	53706.79	54036.96515	-330.1751501	-124.0051501	Varney-2018	51.4248499
606051.82	5600433.24	37.68283861	54164.68	53864.44	53699.76	54036.96366	-337.2036574	-131.0336574	Varney-2018	44.39634263
606051.93	5600432.3	37.7122817	54164.68	53842.66	53677.98	54036.9593	-358.9793029	-152.8093029	Varney-2018	22.6206971
606051.24	5600431.97	37.69035323	54164.69	53841.48	53676.79	54036.95713	-360.1671347	-153.9971347	Varney-2018	21.43286532
606051.73	5600430.5	37.75044907	54164.69	53830.93	53666.24	54036.9506	-370.7106049	-164.5406049	Varney-2018	10.8893951
606052.23	5600429.95	37.7875088	54164.68	53834.6	53669.92	54036.94843	-367.0284251	-160.8584251	Varney-2018	14.57157492
606052.7	5600429.98	37.80804789	54164.68	53835.06	53670.38	54036.94897	-366.5689661	-160.3989661	Varney-2018	15.03103388
606052.49	5600429.86	37.80169917	54164.69	53833.98	53669.29	54036.94822	-367.6582185	-161.4882185	Varney-2018	13.94178147
606052.65	5600429.7	37.81322706	54164.67	53830.81	53666.14	54036.94759	-370.8075944	-164.6375944	Varney-2018	10.79240556
606053.34	5600429.85	37.84059972	54164.65	53834.89	53670.24	54036.94889	-366.7088907	-160.5388907	Varney-2018	14.89110927
606053.94	5600429.44	37.87906145	54164.63	53834.42	53669.79	54036.94744	-367.1574448	-160.9874448	Varney-2018	14.44255521
606055.18	5600428.91	37.95051244	54164.6	53841.52	53676.92	54036.94595	-360.0259523	-153.8559523	Varney-2018	21.57404773

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606055.62	5600428.74	37.97552591	54164.58	53839.86	53675.28	54036.9455	-361.6655047	-155.4955047	Varney-2018	19.9344953
606056.41	5600428.59	38.01619573	54164.55	53846.01	53681.46	54036.94544	-355.485441	-149.315441	Varney-2018	26.11455902
606056.79	5600429.2	38.01614552	54164.53	53843.5	53678.97	54036.94869	-357.9786877	-151.8086877	Varney-2018	23.62131233
606059.61	5600430.21	38.11467461	54164.51	53850.21	53685.7	54036.95594	-351.2559439	-145.0859439	Varney-2018	30.34405614
606059.93	5600430.35	38.12488818	54164.51	53839.92	53675.41	54036.9569	-361.5468955	-155.3768955	Varney-2018	20.05310447
606060.24	5600430.2	38.14349548	54164.52	53841.57	53677.05	54036.95643	-359.9064319	-153.7364319	Varney-2018	21.69356809
606061.73	5600428.54	38.26759516	54164.51	53842.69	53678.18	54036.94949	-358.7694887	-152.5994887	Varney-2018	22.83051132
606062.29	5600427.05	38.35130591	54164.49	53847.58	53683.09	54036.9424	-353.8523952	-147.6823952	Varney-2018	27.74760482
606061.71	5600426.45	38.33193344	54164.48	53857.22	53692.74	54036.93929	-344.1992937	-138.0292937	Varney-2018	37.40070628
606061.42	5600426.39	38.31614958	54164.46	53863.83	53699.37	54036.93887	-337.5688748	-131.3988748	Varney-2018	44.03112525
606061.94	5600425.86	38.36571214	54164.44	53869.76	53705.32	54036.93649	-331.6164851	-125.4464851	Varney-2018	49.98351492
606061.63	5600423.26	38.42675743	54164.41	53877.62	53713.21	54036.92372	-323.713721	-117.543721	Varney-2018	57.88627898
606060.41	5600424.88	38.31481208	54164.41	53887.56	53723.15	54036.93073	-313.7807343	-107.6107343	Varney-2018	67.81926568
606059.53	5600423.4	38.31729296	54164.4	53891.16	53726.76	54036.92288	-310.1628807	-103.9928807	Varney-2018	71.43711933
606060.64	5600422.48	38.39998806	54164.38	53915.45	53751.07	54036.91925	-285.8492467	-79.67924675	Varney-2018	95.75075325
606061.88	5600421.48	38.49955783	54164.36	53921.12	53756.76	54036.91511	-280.1551086	-73.98510862	Varney-2018	101.4448914
606061.5	5600420.71	38.49794225	54164.35	53924.02	53759.67	54036.91126	-277.2412595	-71.07125948	Varney-2018	104.3587405
606061.37	5600420.31	38.50390511	54164.33	53918.58	53754.25	54036.90922	-282.6592178	-76.4892178	Varney-2018	98.9407822
606060.32	5600420.03	38.45941421	54164.33	53918.15	53753.82	54036.90711	-283.0871113	-76.91711134	Varney-2018	98.51288866
606061.01	5600420.12	38.4916078	54164.33	53930.9	53766.57	54036.90804	-270.3380372	-64.16803723	Varney-2018	111.2619628
606062.56	5600423.07	38.49523831	54164.33	53943.87	53779.54	54036.92305	-257.3830451	-51.2130451	Varney-2018	124.2169549
606062.29	5600422.95	38.48088031	54164.34	53949.15	53784.81	54036.92239	-252.1123869	-45.94238685	Varney-2018	129.4876131
606061.18	5600422.34	38.43102718	54164.34	53948.42	53784.08	54036.91897	-252.8389658	-46.66896581	Varney-2018	128.7610342
606061.88	5600422.79	38.45833675	54164.35	53947.86	53783.51	54036.9215	-253.4114968	-47.24149676	Varney-2018	128.1885032
606063.37	5600422.7	38.56151643	54164.35	53949	53784.65	54036.92145	-252.2714538	-46.10145382	Varney-2018	129.3285462
606063.35	5600418.53	38.69343346	54164.36	53945.93	53781.57	54036.90106	-255.3310593	-49.16105935	Varney-2018	126.2689407
606065.08	5600415.59	38.90801153	54164.36	53935.68	53771.32	54036.88703	-265.5670349	-59.39703488	Varney-2018	116.0329651
606065.57	5600415.65	38.94021421	54164.36	53943.71	53779.35	54036.88743	-257.5374287	-51.36742874	Varney-2018	124.0625713
606066.62	5600415.69	39.01208111	54164.36	53967.95	53803.59	54036.88784	-233.2978389	-27.12783885	Varney-2018	148.3021611
606067.83	5600415.95	39.08770812	54164.36	53985.58	53821.22	54036.88937	-215.6693668	-9.499366759	Varney-2018	165.9306332
606068.41	5600415.33	39.1489405	54164.36	53997.27	53832.91	54036.88643	-203.9764269	2.193573143	Varney-2018	177.6235731
606068.87	5600415.77	39.16618023	54164.36	54005.61	53841.25	54036.88869	-195.6386919	10.53130806	Varney-2018	185.9613081
606069.14	5600415.58	39.19142907	54164.34	54010.3	53845.96	54036.88781	-190.9278083	15.24219166	Varney-2018	190.6721917
606070.02	5600414.7	39.28287358	54164.32	54015.18	53850.86	54036.88363	-186.0236318	20.14636819	Varney-2018	195.5763682
606069.76	5600415	39.254438	54164.31	54013.32	53849.01	54036.88507	-187.8750651	18.29493494	Varney-2018	193.7249349
606070.3	5600413.95	39.32819002	54164.3	54014.61	53850.31	54036.87997	-186.569973	19.600027	Varney-2018	195.030027
606070.47	5600414.05	39.3367025	54164.28	54018.43	53854.15	54036.8805	-182.7305002	23.43949975	Varney-2018	198.8694998
606071.26	5600414.47	39.37765828	54164.26	54022.84	53858.58	54036.88273	-178.3027326	27.86726738	Varney-2018	203.2972674
606072.57	5600415.44	39.43549866	54164.22	54025.85	53861.63	54036.88781	-175.2578072	30.91219278	Varney-2018	206.3421928
606071.15	5600415.37	39.33883921	54164.18	54022.25	53858.07	54036.88717	-178.8171742	27.35282579	Varney-2018	202.7828258
606071.3	5600414.84	39.3676547	54164.14	54019.8	53855.66	54036.88458	-181.2245755	24.94542448	Varney-2018	200.3754245
606069.77	5600414.76	39.26332205	54164.1	54021.41	53857.31	54036.88388	-179.5738799	26.5961201	Varney-2018	202.0261201
606069.54	5600414.9	39.24245804	54164.09	54022.15	53858.06	54036.88453	-178.8245272	27.34547281	Varney-2018	202.7754728
606070.08	5600414.65	39.28878521	54164.08	54022.51	53858.43	54036.8834	-178.453396	27.71660397	Varney-2018	203.146604
606071.13	5600415.31	39.33951675	54164.09	54020.95	53856.86	54036.88687	-180.0268727	26.14312731	Varney-2018	201.5731273
606072.52	5600415.11	39.44356744	54164.11	54018.91	53854.8	54036.88616	-182.0861568	24.08384322	Varney-2018	199.5138432
606072.24	5600414.54	39.44390942	54164.13	54019.07	53854.94	54036.88327	-181.9432693	24.22673072	Varney-2018	199.6567307
606073.06	5600415.28	39.47532039	54164.16	54014.54	53850.38	54036.88711	-186.5071098	19.66289022	Varney-2018	195.0928902
606073.65	5600415.44	39.5108545	54164.17	54011.26	53847.09	54036.88802	-189.7980247	16.37197534	Varney-2018	191.8019753
606074.11	5600415.35	39.54615038	54164.18	54013.88	53849.7	54036.88767	-187.1876686	18.98233136	Varney-2018	194.4123314
606074.72	5600415.82	39.57192459	54164.17	54024.86	53860.69	54036.89014	-176.2001364	29.96986358	Varney-2018	205.3998636
606075.66	5600416.41	39.61611016	54164.15	54036.09	53871.94	54036.89328	-164.953278	41.21672196	Varney-2018	216.646722
606075.92	5600415.66	39.66128634	54164.13	54040.39	53876.26	54036.88958	-160.6295819	45.54041809	Varney-2018	220.9704181
606075.9	5600412.48	39.77485672	54164.1	54039.69	53875.59	54036.87368	-161.2836754	44.88632465	Varney-2018	220.3163246
606077.46	5600411.93	39.90541792	54164.07	54044.78	53880.71	54036.87119	-156.1611904	50.00880955	Varney-2018	225.4388096
606078.61	5600411.54	40.00145969	54164.04	54043.91	53879.87	54036.86943	-156.9994265	49.17057349	Varney-2018	224.6005735
606078.83	5600412.14	39.99481775	54164.03	54044.41	53880.38	54036.87248	-156.4924793	49.67752075	Varney-2018	225.1075207
606079.66	5600412.23	40.05027875	54164.02	54044.24	53880.22	54036.87308	-156.6530751	49.51692486	Varney-2018	224.9469249
606080.11	5600412.65	40.06638485	54164.02	54044.11	53880.09	54036.87527	-156.7852689	49.38473106	Varney-2018	224.8147311
606079.52	5600412.15	40.04334917	54164.02	54041.57	53877.55	54036.87265	-159.3226483	46.84735169	Varney-2018	222.2773517
606079.95	5600412.17	40.07307467	54164.03	54040.17	53876.14	54036.87282	-160.7328231	45.43717693	Varney-2018	220.8671769
606080.79	5600412.65	40.11446522	54164.04	54042.01	53877.97	54036.87539	-158.905389	47.26461098	Varney-2018	222.694611
606080.57	5600412.37	40.10946949	54164.04	54042.27	53878.23	54036.87394	-158.6439384	47.52606165	Varney-2018	222.9560616
606081.25	5600412.28	40.16102813	54164.04	54052.5	53888.46	54036.8736	-148.4136024	57.75639759	Varney-2018	233.1863976

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606080.89	5600412.45	40.12909988	54164.04	54045.97	53881.93	54036.8744	-154.9443977	51.22560233	Varney-2018	226.6556023
606081.75	5600412.28	40.19644317	54164.03	54039.28	53875.25	54036.87369	-161.6236891	44.54631094	Varney-2018	219.9763109
606082.6	5600409.97	40.34533342	54164.01	54036.14	53872.13	54036.86215	-164.7321473	41.43785269	Varney-2018	216.8678527
606085.17	5600410.4	40.51247317	54163.99	54020.09	53856.1	54036.86473	-180.7647257	25.40527426	Varney-2018	200.8352743
606083.47	5600409.85	40.41226917	54163.95	54017.47	53853.52	54036.86167	-183.3416721	22.82832789	Varney-2018	198.2583279
606083.6	5600410.29	40.40454329	54163.9	54016.89	53852.99	54036.86392	-183.8739222	22.29607777	Varney-2018	197.7260778
606084.5	5600411.69	40.41425163	54163.88	54016.73	53852.85	54036.87117	-184.0211702	22.14882981	Varney-2018	197.5788298
606084.93	5600411.47	40.45341084	54163.86	54014.5	53850.64	54036.87012	-186.2301247	19.93987533	Varney-2018	195.3698753
606085.44	5600411.73	40.47944363	54163.86	54004.52	53840.66	54036.87153	-196.2115316	9.958468409	Varney-2018	185.3884684
606086.57	5600412.55	40.52712017	54163.86	54000.29	53836.43	54036.8759	-200.4459001	5.72409986	Varney-2018	181.1540999
606087.62	5600413.19	40.57575255	54163.88	53990.68	53826.8	54036.87935	-210.0793516	-3.909351635	Varney-2018	171.5206484
606087.85	5600413.64	40.57390768	54163.9	53983.42	53819.52	54036.88169	-217.3616914	-11.19169139	Varney-2018	164.2383086
606088.32	5600412.47	40.65413916	54163.9	53988.12	53824.22	54036.8758	-212.6557987	-6.48579873	Varney-2018	168.9442013
606088.34	5600411.93	40.67732194	54163.91	53979.91	53816	54036.87304	-220.8730422	-14.70304224	Varney-2018	160.7269578
606088.44	5600411.87	40.68683726	54163.91	53982.27	53818.36	54036.87275	-218.5127525	-12.34275254	Varney-2018	163.0872475
606088.76	5600413.05	40.66181519	54163.92	53981.53	53817.61	54036.87884	-219.2688423	-13.09884232	Varney-2018	162.3311577
606089.55	5600413.32	40.70657473	54163.88	53976	53812.12	54036.88037	-224.7603675	-18.59036751	Varney-2018	156.8396325
606090.26	5600413.47	40.75047452	54163.83	53964.67	53800.84	54036.88127	-236.0412663	-29.87126632	Varney-2018	145.5587337
606090.72	5600414.44	40.74300102	54163.8	53955.32	53791.52	54036.88633	-245.3663291	-39.19632912	Varney-2018	136.2336709
606092.06	5600414.32	40.84193236	54163.77	53947.8	53784.03	54036.88597	-252.8559697	-46.68596971	Varney-2018	128.7440303
606092.45	5600414.75	40.85136616	54163.75	53942.75	53779	54036.88826	-257.8882578	-51.71825779	Varney-2018	123.7117422
606093.36	5600414.28	40.93480462	54163.72	53939.49	53775.77	54036.88601	-261.1160123	-54.94601229	Varney-2018	120.4839877
606093.69	5600414.5	40.94869635	54163.74	53938.7	53774.96	54036.88721	-261.9272102	-55.7572102	Varney-2018	119.6727898
606094.46	5600414.55	41.00054641	54163.76	53944.34	53780.58	54036.88762	-256.3076171	-50.13761706	Varney-2018	125.2923829
606094.55	5600414.11	41.02550251	54163.76	53939.7	53775.94	54036.88536	-260.9453614	-54.77536136	Varney-2018	120.6546386
606096.08	5600412.75	41.19127666	54163.77	53934.96	53771.19	54036.87861	-265.6886069	-59.51860689	Varney-2018	115.9113931
606096.74	5600412.19	41.26206669	54163.76	53918.4	53754.64	54036.87582	-282.2358201	-76.06582008	Varney-2018	99.36417992
606098.34	5600411.45	41.40774569	54163.75	53915.63	53751.88	54036.87225	-284.9922482	-78.82224823	Varney-2018	96.60775177
606099.26	5600411.44	41.47360418	54163.73	53911.76	53748.03	54036.87235	-288.8423488	-82.6723488	Varney-2018	92.7576512
606099.85	5600411.89	41.4956889	54163.7	53923.23	53759.53	54036.87479	-277.3447926	-71.17479257	Varney-2018	104.2552074
606100.61	5600411.38	41.57226846	54163.65	53911.08	53747.43	54036.87226	-289.4422595	-83.27225948	Varney-2018	92.15774052
606101.22	5600411.6	41.60584302	54163.6	53926.87	53763.27	54036.87351	-273.6035099	-67.43350989	Varney-2018	107.9964901
606101.55	5600411.28	41.64360402	54163.6	53921.84	53758.24	54036.87189	-278.631892	-72.46189204	Varney-2018	102.968108
606101.91	5600411.65	41.65263032	54163.59	53925.4	53761.81	54036.87389	-275.0638869	-68.89388686	Varney-2018	106.5361131
606102.56	5600412.4	41.66500965	54163.61	53930.7	53767.09	54036.87792	-269.7879238	-63.61792376	Varney-2018	111.8120762
606102.09	5600413.08	41.60120249	54163.63	53930.41	53766.78	54036.8814	-270.1014003	-63.93140028	Varney-2018	111.4985997
606103.37	5600411.79	41.75000297	54163.65	53934.75	53771.1	54036.87487	-265.7748659	-59.60486591	Varney-2018	115.8251341
606104.26	5600410.41	41.87615823	54163.67	53935.61	53771.94	54036.86777	-264.9277681	-58.75776813	Varney-2018	116.6722319
606104.5	5600409.86	41.9184486	54163.68	53937.64	53773.96	54036.86492	-262.9049158	-56.73491581	Varney-2018	118.6950842
606104.57	5600410.28	41.90425481	54163.7	53938.05	53774.35	54036.86713	-262.5171335	-56.34713355	Varney-2018	119.0828665
606104.99	5600409.23	41.98245289	54163.7	53942.99	53779.29	54036.86168	-257.5716772	-51.40167719	Varney-2018	124.0283228
606105.73	5600408.51	42.06882954	54163.71	53942.58	53778.87	54036.85799	-257.9879944	-51.81799438	Varney-2018	123.6120056
606105.38	5600407.41	42.09420383	54163.69	53932.43	53768.74	54036.85216	-268.112157	-61.94215701	Varney-2018	113.487843
606105.23	5600406.1	42.14353643	54163.67	53918.36	53754.69	54036.84525	-282.1552457	-75.98524574	Varney-2018	99.44475426
606104.73	5600404.72	42.17027614	54163.64	53907.7	53744.06	54036.83793	-292.7779326	-86.60793261	Varney-2018	88.82206739
606107.52	5600406.55	42.2894431	54163.6	53912.03	53748.43	54036.84789	-288.4178936	-82.24789358	Varney-2018	93.18210642
606108.7	5600405.48	42.42569541	54163.6	53914.21	53750.61	54036.84238	-286.232376	-80.06237603	Varney-2018	95.36762397
606109.16	5600404.98	42.48295704	54163.59	53919.98	53756.39	54036.83978	-280.4497801	-74.27978013	Varney-2018	101.1502199
606108.99	5600404.96	42.47144539	54163.59	53922.32	53758.73	54036.83966	-278.1096558	-71.93965579	Varney-2018	103.4903442
606109.22	5600404.13	42.52754866	54163.58	53922.62	53759.04	54036.83528	-277.7952848	-71.62528482	Varney-2018	103.8047152
606110.15	5600403.47	42.6273696	54163.58	53914.56	53750.98	54036.83188	-285.8518778	-79.68187777	Varney-2018	95.74812223
606111.81	5600401.48	42.84566266	54163.58	53901.41	53737.83	54036.82145	-298.9914504	-92.82145044	Varney-2018	82.60854956
606111.04	5600400.87	42.81756125	54163.6	53882.97	53719.37	54036.81815	-317.4481502	-111.2781502	Varney-2018	64.1518498
606111	5600398.98	42.9050756	54163.62	53866.39	53702.77	54036.80811	-334.0381075	-127.8681075	Varney-2018	47.56189246
606110.56	5600397.78	42.92923838	54163.63	53849.97	53686.34	54036.80171	-350.4617134	-144.2917134	Varney-2018	31.13828659
606110.88	5600395.47	43.0639734	54163.65	53846.58	53682.93	54036.78946	-353.8594593	-147.6894593	Varney-2018	27.74054069
606111.04	5600393.33	43.17870476	54163.67	53850.29	53686.62	54036.77809	-350.1580946	-143.9880946	Varney-2018	31.44190539
606111.55	5600393.96	43.18777572	54163.7	53851.73	53688.03	54036.78145	-348.751447	-142.581447	Varney-2018	32.84855305
606110.77	5600394.79	43.08807268	54163.69	53850.56	53686.87	54036.78585	-349.9158458	-143.7458458	Varney-2018	31.68415417
606110.16	5600394.22	43.06843416	54163.68	53850.57	53686.89	54036.78281	-349.8928111	-143.7228111	Varney-2018	31.70718888
606110.3	5600393.38	43.11922117	54163.66	53849.68	53686.02	54036.77836	-350.758356	-144.588356	Varney-2018	30.84164396
606109.82	5600392.88	43.10593526	54163.63	53855.38	53691.75	54036.7757	-345.0257025	-138.8557025	Varney-2018	36.57429749
606108.62	5600391.97	43.05600864	54163.6	53862.63	53699.03	54036.77089	-337.7408862	-131.5708862	Varney-2018	43.85911375
606108.34	5600391.91	43.03709522	54163.56	53865.47	53701.91	54036.77057	-334.8605709	-128.6905709	Varney-2018	46.73942915

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606108.35	5600390.13	43.12152795	54163.53	53866.23	53702.7	54036.76116	-334.0611571	-127.8911571	Varney-2018	47.53884287
606109.25	5600389.32	43.23024981	54163.5	53858.91	53695.41	54036.75685	-341.3468461	-135.1768461	Varney-2018	40.2531539
606109.58	5600388.78	43.28175698	54163.5	53852.64	53689.14	54036.75397	-347.6139744	-141.4439744	Varney-2018	33.98602563
606109.54	5600387.82	43.32410946	54163.5	53851.95	53688.45	54036.74889	-348.2988886	-142.1288886	Varney-2018	33.30111138
606109.32	5600386.11	43.38764918	54163.5	53843.91	53680.41	54036.73984	-356.32984	-150.15984	Varney-2018	25.27015995
606109.97	5600384.8	43.50165069	54163.5	53840.26	53676.76	54036.73285	-359.972855	-153.802855	Varney-2018	21.62714502
606110.7	5600383.66	43.61453441	54163.5	53834.06	53670.56	54036.72675	-366.1667509	-159.9967509	Varney-2018	15.43324915
606109.85	5600384.16	43.52244848	54163.5	53836.81	53673.31	54036.72947	-363.4194702	-157.2494702	Varney-2018	18.18052977
606110.46	5600385.03	43.52988612	54163.49	53831.86	53668.37	54036.73404	-368.3640412	-162.1940412	Varney-2018	13.23595884
606110.72	5600385.32	43.53681081	54163.47	53834.54	53671.07	54036.73556	-365.6655632	-159.4955632	Varney-2018	15.93443684
606111.88	5600386.22	43.58606616	54163.46	53837.02	53673.56	54036.74027	-363.1802747	-157.0102747	Varney-2018	18.41972527
606112.59	5600386.44	43.63188825	54163.45	53837.3	53673.85	54036.74141	-362.8914054	-156.7214054	Varney-2018	18.70859457
606115.15	5600387.21	43.797384	54163.45	53836.88	53673.43	54036.74538	-363.315381	-157.145381	Varney-2018	18.28461896
606115.14	5600386.31	43.84093252	54163.45	53836.19	53672.74	54036.74057	-364.0005676	-157.8305676	Varney-2018	17.59943238
606115.65	5600385.51	43.92103282	54163.46	53831.86	53668.4	54036.73626	-368.3362559	-162.1662559	Varney-2018	13.26374411
606116.47	5600384.34	44.04461309	54163.47	53836.05	53672.58	54036.72993	-364.1499314	-157.9799314	Varney-2018	17.45006856
606117.59	5600384.06	44.14842578	54163.47	53841.58	53678.11	54036.72834	-358.6183443	-152.4483443	Varney-2018	22.98165574
606118.72	5600383.69	44.2577934	54163.48	53847.91	53684.43	54036.72627	-352.2962665	-146.1262665	Varney-2018	29.30373352
606119.09	5600383.57	44.29360657	54163.5	53848.76	53685.26	54036.72559	-351.4655907	-145.2955907	Varney-2018	30.13440928
606119.99	5600383.4	44.37464073	54163.52	53849.27	53685.75	54036.7246	-350.9746009	-144.8046009	Varney-2018	30.62539908
606120.37	5600383.33	44.40879516	54163.55	53850.41	53686.86	54036.72419	-349.8641918	-143.6941918	Varney-2018	31.73580822
606121.73	5600383.08	44.53115068	54163.59	53851.88	53688.29	54036.72273	-348.4327265	-142.2627265	Varney-2018	33.16727352
606122.91	5600383.26	44.61691069	54163.61	53847.2	53683.59	54036.7236	-353.1336006	-146.9636006	Varney-2018	28.46639943
606123.73	5600383.41	44.67512398	54163.63	53843.33	53679.7	54036.72435	-357.0243454	-150.8543454	Varney-2018	24.57565464
606124.12	5600382.89	44.73369058	54163.62	53841.46	53677.84	54036.72149	-358.8814903	-152.7114903	Varney-2018	22.71850969
606124.26	5600382.93	44.74288938	54163.61	53841.5	53677.89	54036.7217	-358.8316953	-152.6616953	Varney-2018	22.76830473
606124.95	5600383.22	44.78329234	54163.61	53840.98	53677.37	54036.72321	-359.3532116	-153.1832116	Varney-2018	22.24678839
606125.14	5600382.03	44.86120087	54163.6	53829.83	53666.23	54036.71672	-370.486725	-164.316725	Varney-2018	11.11327502
606125.58	5600380.83	44.96012265	54163.56	53818.83	53655.27	54036.71015	-381.4401535	-175.2701535	Varney-2018	0.159846451
606126.94	5600380.29	45.09948112	54163.51	53803.54	53640.03	54036.70707	-396.677065	-190.507065	Varney-2018	-15.07706504
606128.25	5600379.98	45.22290609	54163.46	53797.6	53634.14	54036.70523	-402.5652262	-196.3952262	Varney-2018	-20.96522622
606129.24	5600380.09	45.29777762	54163.41	53779.12	53615.71	54036.70572	-420.9957163	-214.8257163	Varney-2018	-39.3957163
606129.79	5600378.87	45.40873124	54163.36	53773.18	53609.82	54036.69897	-426.8789706	-220.7089706	Varney-2018	-45.27897058
606130.37	5600377.38	45.53728208	54163.3	53774.84	53611.54	54036.69073	-425.1507283	-218.9807283	Varney-2018	-43.5507283
606130.61	5600376.26	45.61805113	54163.29	53773.81	53610.52	54036.68455	-426.1645513	-219.9945513	Varney-2018	-44.56455131
606131.43	5600375.36	45.73524431	54163.27	53774.5	53611.23	54036.67949	-425.4494875	-219.2794875	Varney-2018	-43.84948753
606131.81	5600374.35	45.82223607	54163.27	53770.46	53607.19	54036.67388	-429.4838774	-223.3138774	Varney-2018	-47.88387737
606132.29	5600373.76	45.89476916	54163.28	53766.53	53603.25	54036.67055	-433.4205536	-227.2505536	Varney-2018	-51.82055356
606133.13	5600373.08	46.00267135	54163.3	53774.05	53610.75	54036.66667	-425.9166665	-219.7466665	Varney-2018	-44.3166665
606131.67	5600371.9	45.94478569	54163.32	53776.23	53612.91	54036.66044	-423.7504365	-217.5804365	Varney-2018	-42.15043652
606132.72	5600371.01	46.08240541	54163.32	53778.82	53615.5	54036.65534	-421.1553433	-214.9853433	Varney-2018	-39.55534328
606135.84	5600368.73	46.47453465	54163.31	53781.43	53618.12	54036.64213	-418.5221282	-212.3521282	Varney-2018	-36.9221282
606137.34	5600366.28	46.7414966	54163.32	53789.59	53626.27	54036.62822	-410.3582219	-204.1882219	Varney-2018	-28.75822191
606137.22	5600366.59	46.71359148	54163.33	53791.87	53628.54	54036.62997	-408.0899689	-201.9199689	Varney-2018	-26.48996889
606137.4	5600366.3	46.74553472	54163.35	53792.39	53629.04	54036.62832	-407.5883188	-201.4183188	Varney-2018	-25.98831875
606138.83	5600364.94	46.89496165	54163.37	53786.81	53623.44	54036.62179	-413.1817926	-207.0117926	Varney-2018	-31.58179265
606137.75	5600364.43	46.86931814	54163.4	53781.14	53617.74	54036.6182	-418.878195	-212.708195	Varney-2018	-37.27819504
606138.7	5600365.02	46.88382632	54163.43	53781.14	53617.71	54036.62214	-418.9121446	-212.7421446	Varney-2018	-37.31214459
606139.39	5600364.47	46.95015923	54163.46	53777.42	53613.96	54036.61958	-422.659578	-216.489578	Varney-2018	-41.05957799
606140.41	5600365.1	46.9656597	54163.49	53805.58	53642.09	54036.62381	-394.5338066	-188.3638066	Varney-2018	-12.93380656
606141.2	5600363.95	47.07186086	54163.49	53819.58	53656.09	54036.61796	-380.5279624	-174.3579624	Varney-2018	1.072037558
606141.36	5600363.04	47.1324792	54163.48	53834.71	53671.23	54036.613	-365.3830046	-159.2130046	Varney-2018	16.21699538
606140.48	5600362.9	47.09561776	54163.47	53833.65	53670.18	54036.61161	-366.4316106	-160.2616106	Varney-2018	15.16838943
606141.04	5600364.4	47.03781097	54163.45	53838.86	53675.41	54036.62036	-361.2103562	-155.0403562	Varney-2018	20.38964381
606142.08	5600364.27	47.09805604	54163.43	53841.76	53678.33	54036.62037	-358.290367	-152.120367	Varney-2018	23.30963301
606141.98	5600363.68	47.12710472	54163.41	53840.58	53677.17	54036.61701	-359.4470064	-153.2770064	Varney-2018	22.15299356
606141.35	5600361.39	47.22713779	54163.41	53837.06	53673.65	54036.6038	-362.9538039	-156.7838039	Varney-2018	18.64619611
606141.92	5600360.3	47.31947795	54163.4	53831.43	53668.03	54036.59812	-368.5681185	-162.3981185	Varney-2018	13.03188153
606142.78	5600359.88	47.38831543	54163.41	53821.12	53657.71	54036.59636	-378.8863598	-172.7163598	Varney-2018	2.713640239
606143.21	5600359.04	47.45942599	54163.42	53813.11	53649.69	54036.59196	-386.9019607	-180.7319607	Varney-2018	-5.301960657
606144.45	5600358.05	47.58177811	54163.42	53787.64	53624.22	54036.58726	-412.3672583	-206.1972583	Varney-2018	-30.76725831
606144.55	5600356.88	47.65748156	54163.42	53778.73	53615.31	54036.58073	-421.2707263	-215.1007263	Varney-2018	-39.67072627
606144.42	5600355.63	47.72868374	54163.41	53773.49	53610.08	54036.57352	-426.4935182	-220.3235182	Varney-2018	-44.89351823
606144.42	5600354.33	47.80983611	54163.4	53771.03	53607.63	54036.56611	-428.9361109	-222.7661109	Varney-2018	-47.33611093

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606144.18	5600353.61	47.84200283	54163.39	53770.71	53607.32	54036.56185	-429.2418549	-223.0718549	Varney-2018	-47.64185488
606146.08	5600351.58	48.07063223	54163.37	53766.43	53603.06	54036.55148	-433.4914841	-227.3214841	Varney-2018	-51.89148412
606145.02	5600350.95	48.05312988	54163.35	53762.75	53599.4	54036.54723	-437.1472266	-230.9772266	Varney-2018	-55.54722655
606146.13	5600350.31	48.15307218	54163.33	53750.52	53587.19	54036.54427	-449.3542665	-243.1842665	Varney-2018	-67.75426653
606146.81	5600350.76	48.16144469	54163.33	53748.1	53584.77	54036.54726	-451.7772589	-245.6072589	Varney-2018	-70.17725886
606145.68	5600348.84	48.22095623	54163.32	53738.76	53575.44	54036.5356	-461.0956005	-254.9256005	Varney-2018	-79.49560054
606146.69	5600348.91	48.27138622	54163.32	53720.43	53557.11	54036.53662	-479.4266185	-273.2566185	Varney-2018	-97.8266185
606147.77	5600347.12	48.44305887	54163.33	53717.97	53554.64	54036.52705	-481.8870458	-275.7170458	Varney-2018	-100.2870458
606148.76	5600344.66	48.65308479	54163.36	53713.92	53550.56	54036.51356	-485.9535629	-279.7835629	Varney-2018	-104.3535629
606149.4	5600344.66	48.6884175	54163.39	53706.32	53542.93	54036.51394	-493.5839391	-287.4139391	Varney-2018	-111.9839391
606149.41	5600344.52	48.6978621	54163.4	53714.72	53551.32	54036.51314	-485.1931432	-279.0231432	Varney-2018	-103.5931432
606148.96	5600343.28	48.75164516	54163.41	53709.85	53546.44	54036.50578	-490.0657809	-283.8957809	Varney-2018	-108.4657809
606149.78	5600342.4	48.85313034	54163.41	53702.22	53538.81	54036.50121	-497.6912147	-291.5212147	Varney-2018	-116.0912147
606149.05	5600342.31	48.81817707	54163.41	53702.3	53538.89	54036.50028	-497.61028	-291.44028	Varney-2018	-116.01028
606149.1	5600340.9	48.91042791	54163.4	53702.84	53539.44	54036.49224	-497.0522362	-290.8822362	Varney-2018	-115.4522362
606148.85	5600340.87	48.898322	54163.38	53702.95	53539.57	54036.49192	-496.9219231	-290.7519231	Varney-2018	-115.3219231
606149.5	5600341.61	48.88772851	54163.38	53702.26	53538.88	54036.49653	-497.6165291	-291.4465291	Varney-2018	-116.0165291
606150.19	5600341.73	48.91863995	54163.37	53702.72	53539.35	54036.49761	-497.1476102	-290.9776102	Varney-2018	-115.5476102
606150.31	5600341.63	48.93171339	54163.37	53695.65	53532.28	54036.49711	-504.2171055	-298.0471055	Varney-2018	-122.6171055
606150.81	5600342.48	48.9053979	54163.38	53698.18	53534.8	54036.50227	-501.7022654	-295.5322654	Varney-2018	-120.1022654
606150.76	5600340.41	49.03470828	54163.37	53694.74	53531.37	54036.49037	-505.1203656	-298.9503656	Varney-2018	-123.5203656
606149.89	5600338.32	49.1188404	54163.36	53693.98	53530.62	54036.4779	-505.8579006	-299.6879006	Varney-2018	-124.2579006
606149.84	5600337.43	49.17262551	54163.35	53693.81	53530.46	54036.47277	-506.0127739	-299.8427739	Varney-2018	-124.4127739
606151.95	5600337.54	49.2854069	54163.33	53690.01	53526.68	54036.47456	-509.794557	-303.624557	Varney-2018	-128.194557
606152.8	5600336.86	49.3773563	54163.3	53692.42	53529.12	54036.47111	-507.3511137	-301.1811137	Varney-2018	-125.7511137
606153.57	5600335.76	49.4920541	54163.26	53699.91	53536.65	54036.46521	-499.8152051	-293.6452051	Varney-2018	-118.2152051
606153.69	5600336.23	49.46861877	54163.23	53698.69	53535.46	54036.46797	-501.0079728	-294.8379728	Varney-2018	-119.4079728
606153.63	5600335.92	49.48517271	54163.2	53698.33	53535.13	54036.46616	-501.3361575	-295.1661575	Varney-2018	-119.7361575
606153.9	5600334.5	49.59218812	54163.2	53697.54	53534.34	54036.45813	-502.1181332	-295.9481332	Varney-2018	-120.5181332
606154	5600333.61	49.65535746	54163.19	53695.58	53532.39	54036.45307	-504.0630653	-297.8930653	Varney-2018	-122.4630653
606154.43	5600332.79	49.73312418	54163.19	53694.92	53531.73	54036.44857	-504.7185704	-298.5485704	Varney-2018	-123.1185704
606155.77	5600334.96	49.66972889	54163.19	53689.39	53526.2	54036.46177	-510.2617732	-304.0917732	Varney-2018	-128.6617732
606154.72	5600336.79	49.49116299	54163.18	53692.17	53528.99	54036.47175	-507.4817521	-301.3117521	Varney-2018	-125.8817521
606153.66	5600338.63	49.3122292	54163.16	53687.62	53524.46	54036.48176	-512.0217606	-305.8517606	Varney-2018	-130.4217606
606156.91	5600328.9	50.12996429	54163.16	53690.02	53526.86	54036.42741	-509.5674095	-303.3974095	Varney-2018	-127.9674095
606156.36	5600329.12	50.08339236	54163.15	53697.25	53534.1	54036.42841	-502.3284055	-296.1584055	Varney-2018	-120.7284055
606156.45	5600327.25	50.2103303	54163.15	53709.79	53546.64	54036.41766	-489.7776643	-283.6076643	Varney-2018	-108.1776643
606156.8	5600326.37	50.2883084	54163.14	53716.68	53553.54	54036.41276	-482.8727571	-276.7027571	Varney-2018	-101.2727571
606155.98	5600324.86	50.33783839	54163.12	53725.86	53562.74	54036.40366	-473.6636569	-267.4936569	Varney-2018	-92.06365691
606156.56	5600324.51	50.39515407	54163.09	53736.44	53573.35	54036.40191	-463.0519121	-256.8819121	Varney-2018	-81.45191208
606155.44	5600324.42	50.33421327	54163.06	53731.23	53568.17	54036.40087	-468.2308664	-262.0608664	Varney-2018	-86.63086638
606154.81	5600323.37	50.3645753	54163.03	53715.33	53552.3	54036.39452	-484.0945239	-277.9245239	Varney-2018	-102.4945239
606154.05	5600322.37	50.38360758	54163.02	53710.13	53547.11	54036.38842	-489.2784174	-283.1084174	Varney-2018	-107.6784174
606153.07	5600321.76	50.36395399	54163	53702.55	53539.55	54036.38446	-496.8344619	-290.6644619	Varney-2018	-115.2344619
606152.22	5600321.74	50.31404611	54162.99	53696.73	53533.74	54036.38396	-502.6439606	-296.4739606	Varney-2018	-121.0439606
606150.69	5600320.69	50.28888485	54162.98	53699.73	53536.75	54036.37724	-499.627244	-293.457244	Varney-2018	-118.027244
606149.75	5600319.02	50.33825336	54163	53707.12	53544.12	54036.36726	-492.2472551	-286.0772551	Varney-2018	-110.6472551
606149.03	5600316.99	50.42323247	54163.02	53703.93	53540.91	54036.35532	-495.4453179	-289.2753179	Varney-2018	-113.8453179
606148.04	5600316.33	50.40429985	54163.03	53703.85	53540.82	54036.35112	-495.5311207	-289.3611207	Varney-2018	-113.9311207
606148.52	5600315.25	50.5021674	54163.05	53694.39	53531.34	54036.34514	-505.0051443	-298.8351443	Varney-2018	-123.4051443
606149.31	5600314.97	50.5686501	54163.06	53689.62	53526.56	54036.34387	-509.7838702	-303.6138702	Varney-2018	-128.1838702
606148.09	5600312.49	50.65016951	54163.08	53687.84	53524.76	54036.32918	-511.5691797	-305.3991797	Varney-2018	-129.9691797
606147.9	5600311.82	50.68067653	54163.08	53676.46	53513.38	54036.32527	-522.9452724	-316.7752724	Varney-2018	-141.3452724
606146.01	5600311.62	50.57529183	54163.07	53674	53510.93	54036.32338	-525.3933808	-319.2233808	Varney-2018	-143.7933808
606145.65	5600310.16	50.64434518	54163.06	53672.07	53509.01	54036.31491	-527.3049089	-321.1349089	Varney-2018	-145.7049089
606145.41	5600308.6	50.72700265	54163.04	53670.07	53507.03	54036.30592	-529.2759181	-323.1059181	Varney-2018	-147.6759181
606145.52	5600307.33	50.8135301	54163.03	53667.63	53504.6	54036.29872	-531.6987151	-325.5287151	Varney-2018	-150.0987151
606146	5600307.29	50.84646594	54163.01	53667.85	53504.84	54036.29866	-531.4586648	-325.2886648	Varney-2018	-149.8586648
606154.54	5600300.67	51.81578179	54159.21	53662.53	53503.32	54036.26372	-532.9437194	-326.7737194	Varney-2018	-151.3437194
606156.45	5600299.24	52.03267101	54159.19	53662.31	53503.12	54036.25611	-533.1361056	-326.9661056	Varney-2018	-151.5361056
606158.41	5600297.96	52.24420704	54159.17	53662.94	53503.77	54036.24934	-532.4793427	-326.3093427	Varney-2018	-150.8793427
606160.46	5600296.83	52.45286613	54159.16	53663.06	53503.9	54036.24345	-532.3434471	-326.1734471	Varney-2018	-150.7434471
606162.53	5600295.46	52.67979303	54159.15	53662.24	53503.09	54036.23614	-533.1461378	-326.9761378	Varney-2018	-151.5461378
606165.13	5600294.2	52.93572821	54159.18	53661.56	53502.38	54036.22959	-533.8495913	-327.6795913	Varney-2018	-152.2495913

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606166.68	5600292.55	53.14948157	54159.21	53662.58	53503.37	54036.22043	-532.8504325	-326.6804325	Varney-2018	-151.2504325
606168.61	5600290.84	53.39387317	54159.24	53662.96	53503.72	54036.211	-532.4909983	-326.3209983	Varney-2018	-150.8909983
606169.81	5600289.2	53.58576972	54159.27	53658.6	53499.33	54036.20174	-536.8717415	-330.7017415	Varney-2018	-155.2717415
606171.61	5600288.11	53.78154862	54159.27	53659.66	53500.39	54036.19584	-535.8058362	-329.6358362	Varney-2018	-154.2058362
606173.13	5600287.19	53.94751194	54159.27	53657.4	53498.13	54036.19083	-538.0608342	-331.8908342	Varney-2018	-156.4608342
606174.71	5600286.59	54.09606851	54159.25	53657.01	53497.76	54036.18771	-538.4277107	-332.2577107	Varney-2018	-156.8277107
606176.33	5600286.17	54.23526806	54159.22	53658.91	53499.69	54036.18564	-536.495645	-330.325645	Varney-2018	-154.895645
606176.55	5600285.9	54.2689879	54159.21	53656.36	53497.15	54036.18411	-539.0341106	-332.8641106	Varney-2018	-157.4341106
606176.65	5600286.02	54.26745764	54159.2	53657.11	53497.91	54036.18484	-538.2748415	-332.1048415	Varney-2018	-156.6748415
606176.45	5600286.05	54.25176361	54159.17	53657.18	53498.01	54036.18497	-538.1749686	-332.0049686	Varney-2018	-156.5749686
606176.5	5600285.99	54.25933314	54159.14	53657.13	53497.99	54036.18463	-538.1946279	-332.0246279	Varney-2018	-156.5946279
606176.56	5600285.95	54.26619541	54159.12	53657.03	53497.91	54036.18441	-538.2744073	-332.1044073	Varney-2018	-156.6744073
606176.6	5600285.85	54.27586565	54159.09	53657.16	53498.07	54036.18383	-538.1138287	-331.9438287	Varney-2018	-156.5138287
606176.64	5600285.75	54.28553764	54159.06	53656.8	53497.74	54036.18325	-538.44325	-332.27325	Varney-2018	-156.84325
606176.65	5600285.73	54.28760849	54159.03	53656.97	53497.94	54036.18313	-538.2431347	-332.0731347	Varney-2018	-156.6431347
606177.04	5600285.79	54.31000001	54159.03	53656.85	53497.82	54036.18358	-538.3635836	-332.1935836	Varney-2018	-156.7635836
606177.4	5600285.77	54.33591056	54159.04	53657.05	53498.01	54036.18355	-538.1735542	-332.0035542	Varney-2018	-156.5735542
606177.43	5600285.8	54.33586412	54159.03	53656.4	53497.37	54036.18374	-538.8137383	-332.6437383	Varney-2018	-157.2137383
606177.26	5600285.44	54.34934971	54159.02	53658.85	53499.83	54036.18158	-536.3515765	-330.1815765	Varney-2018	-154.7515765
606177.56	5600285.05	54.39698116	54159.02	53658.27	53499.25	54036.17935	-536.9293522	-330.7593522	Varney-2018	-155.3293522
606177.89	5600284.94	54.42718237	54159.01	53657.08	53498.07	54036.17878	-538.1087837	-331.9387837	Varney-2018	-156.5087837
606177.81	5600284.78	54.4328775	54159	53656.83	53497.83	54036.17782	-538.3478217	-332.1778217	Varney-2018	-156.7478217
606177.79	5600284.86	54.42593216	54158.99	53656.47	53497.48	54036.17829	-538.6982883	-332.5282883	Varney-2018	-157.0982883
606177.8	5600284.87	54.42591786	54158.99	53656.28	53497.29	54036.17835	-538.8883496	-332.7183496	Varney-2018	-157.2883496
606177.89	5600284.94	54.42718237	54158.99	53656.58	53497.59	54036.17878	-538.5887837	-332.4187837	Varney-2018	-156.9887837
606177.75	5600284.9	54.42041077	54159	53656.69	53497.69	54036.17851	-538.4885143	-332.3185143	Varney-2018	-156.8885143
606177.86	5600284.87	54.43001621	54159.01	53656	53496.99	54036.17836	-539.188364	-333.018364	Varney-2018	-157.588364
606177.87	5600284.94	54.42581657	54159.02	53656.79	53497.77	54036.17878	-538.4087789	-332.2387789	Varney-2018	-156.8087789
606178.14	5600284.46	54.4777648	54159.03	53655.99	53496.96	54036.17601	-539.2160147	-333.0460147	Varney-2018	-157.6160147
606179.02	5600285.37	54.47424854	54159.01	53653.66	53494.65	54036.18159	-541.5315922	-335.3615922	Varney-2018	-159.9315922
606179.64	5600285.97	54.47444582	54158.98	53662.82	53503.84	54036.18528	-532.3452846	-326.1752846	Varney-2018	-150.7452846
606180.65	5600285.27	54.59244469	54158.95	53656.02	53497.07	54036.1814	-539.1113976	-332.9413976	Varney-2018	-157.5113976
606181.98	5600284.62	54.72909956	54158.91	53654.67	53495.76	54036.17787	-540.4178746	-334.2478746	Varney-2018	-158.8178746
606183.58	5600283.69	54.9045101	54158.87	53657.15	53498.28	54036.17275	-537.8927458	-331.7227458	Varney-2018	-156.2927458
606185.51	5600282.41	55.12826541	54158.83	53655.35	53496.52	54036.1656	-539.6455971	-333.4755971	Varney-2018	-158.0455971
606187.48	5600281.45	55.33186439	54158.81	53655.61	53496.8	54036.16036	-539.3603585	-333.1903585	Varney-2018	-157.7603585
606189.75	5600280.47	55.53954071	54158.79	53654.63	53495.84	54036.15555	-540.3155467	-334.1455467	Varney-2018	-158.7155467
606191.33	5600279.19	55.71562675	54158.8	53654.78	53495.98	54036.14894	-540.1689443	-333.9989443	Varney-2018	-158.5689443
606192.68	5600277.6	55.89247923	54158.82	53654.44	53495.62	54036.1406	-540.5205966	-334.3505966	Varney-2018	-158.9205966
606193.85	5600276.16	56.0494572	54158.86	53652.46	53493.6	54036.13301	-542.533013	-336.363013	Varney-2018	-160.933013
606195.22	5600275.18	56.19662409	54158.9	53652.19	53493.29	54036.12796	-542.8379594	-336.6679594	Varney-2018	-161.2379594
606196.22	5600274.07	56.32510797	54158.93	53652.13	53493.2	54036.12212	-542.9221166	-336.7521166	Varney-2018	-161.3221166
606197.76	5600273.15	56.48169024	54158.97	53649.49	53490.52	54036.1174	-545.5974046	-339.4274046	Varney-2018	-163.9974046
606198.81	5600273.43	56.54044326	54158.96	53653.19	53494.23	54036.11913	-541.8891326	-335.7191326	Varney-2018	-160.2891326
606199.51	5600272.43	56.64274462	54158.95	53651.74	53492.79	54036.11381	-543.3238133	-337.1538133	Varney-2018	-161.7238133
606200.32	5600271.02	56.7748367	54158.95	53650.76	53491.81	54036.10627	-544.2962723	-338.1262723	Varney-2018	-162.6962723
606200.52	5600270.36	56.82414072	54158.94	53651.39	53492.45	54036.10271	-543.6527071	-337.4827071	Varney-2018	-162.0527071
606200.55	5600269.26	56.88496503	54158.94	53648.85	53489.91	54036.09671	-546.186709	-340.016709	Varney-2018	-164.586709
606200.89	5600268.43	56.95331577	54158.93	53647.5	53488.57	54036.09224	-547.5222387	-341.3522387	Varney-2018	-165.9222387
606201.29	5600267.29	57.04256583	54158.97	53647.84	53488.87	54036.08608	-547.2160841	-341.0460841	Varney-2018	-165.6160841
606200.87	5600266.96	57.0304194	54159.01	53645.38	53486.37	54036.08421	-549.7142106	-343.5442106	Varney-2018	-168.1142106
606200.95	5600266.67	57.05158692	54159.05	53645.49	53486.44	54036.08264	-549.6426411	-343.4726411	Varney-2018	-168.0426411
606201.05	5600267.02	57.03998074	54159.1	53645.32	53486.22	54036.08457	-549.8645689	-343.6945689	Varney-2018	-168.2645689
606201.06	5600267.14	57.03427734	54159.13	53646.21	53487.08	54036.08523	-549.0052257	-342.8352257	Varney-2018	-167.4052257
606201.31	5600267.11	57.05360837	54159.89	53646.08	53486.19	54036.0851	-549.8951047	-343.7251047	Varney-2018	-168.2951047
606201.35	5600267.23	57.05002769	54159.17	53645.54	53486.37	54036.08577	-549.7157668	-343.5457668	Varney-2018	-168.1157668
606201.1	5600267.36	57.02535602	54159.16	53645.57	53486.41	54036.08643	-549.6764337	-343.5064337	Varney-2018	-168.0764337
606200.84	5600267.66	56.99090447	54159.16	53645.81	53486.65	54036.08803	-549.4380267	-343.2680267	Varney-2018	-167.8380267
606200.77	5600267.88	56.97419745	54159.15	53645.92	53486.77	54036.08922	-549.3192154	-343.1492154	Varney-2018	-167.7192154
606200.59	5600268.02	56.95397851	54159.15	53645.92	53486.77	54036.08995	-549.3199483	-343.1499483	Varney-2018	-167.7199483
606200.53	5600267.84	56.95933747	54159.16	53648.45	53489.29	54036.08896	-546.7989554	-340.6289554	Varney-2018	-165.1989554
606200.68	5600266.66	57.0329593	54159.15	53645.19	53486.04	54036.08254	-550.0425407	-343.8725407	Varney-2018	-168.4425407
606200.92	5600265.8	57.09593361	54159.14	53639.76	53480.62	54036.07789	-555.4578866	-349.2878866	Varney-2018	-173.8578866
606200.66	5600265.08	57.11589081	54159.13	53643.45	53484.32	54036.07391	-551.7539134	-345.5839134	Varney-2018	-170.1539134

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606200.18	5600264.83	57.09505794	54159.12	53640.31	53481.19	54036.07247	-554.8824705	-348.7124705	Varney-2018	-173.2824705
606200.09	5600263.75	57.14622698	54159.12	53635.39	53476.27	54036.06656	-559.796563	-353.626563	Varney-2018	-178.196563
606200.2	5600263.77	57.15300867	54159.11	53636.23	53477.12	54036.06669	-558.9466897	-352.7766897	Varney-2018	-177.3466897
606201.68	5600263.03	57.29820321	54159.1	53636.01	53476.91	54036.06288	-559.1528842	-352.9828842	Varney-2018	-177.5528842
606202.24	5600262.22	57.38161941	54159.09	53635.88	53476.79	54036.05855	-559.2685466	-353.0985466	Varney-2018	-177.6685466
606202.78	5600261.42	57.46318369	54159.08	53629.45	53470.37	54036.05426	-565.6842575	-359.5142575	Varney-2018	-184.0842575
606202.5	5600261.42	57.44312173	54159.07	53633.42	53474.35	54036.05422	-561.704215	-355.534215	Varney-2018	-180.104215
606201.88	5600261.1	57.4158332	54159.07	53629.49	53470.42	54036.05237	-565.6323732	-359.4623732	Varney-2018	-184.0323732
606202.52	5600259.98	57.52177908	54159.07	53620.15	53461.08	54036.04635	-574.966349	-368.796349	Varney-2018	-193.366349
606203.02	5600258.66	57.62857209	54159.08	53595.73	53436.65	54036.03921	-599.3892067	-393.2192067	Varney-2018	-217.7892067
606202.77	5600259	57.59232552	54159.09	53556.41	53397.32	54036.04103	-638.7210295	-432.5510295	Varney-2018	-257.1210295
606203.97	5600258.54	57.70343766	54159.09	53537.98	53378.89	54036.03869	-657.1486853	-450.9786853	Varney-2018	-275.5486853
606203.69	5600258.06	57.70908538	54159.1	53564.91	53405.81	54036.03602	-630.2260207	-424.0560207	Varney-2018	-248.6260207
606204.24	5600258.27	57.73742386	54159.15	53556.08	53396.93	54036.03725	-639.1072464	-432.9372464	Varney-2018	-257.5072464
606204.41	5600257.97	57.76583582	54159.2	53543.63	53384.43	54036.03563	-651.605629	-445.435629	Varney-2018	-270.005629
606201.98	5600258.93	57.53922309	54159.26	53579.81	53420.55	54036.04053	-615.490534	-409.320534	Varney-2018	-233.890534
606201.1	5600259.3	57.45611266	54159.32	53603.12	53443.8	54036.04243	-592.2424284	-386.0724284	Varney-2018	-210.6424284
606201.54	5600258.58	57.52628027	54159.33	53618.29	53458.96	54036.03856	-577.0785597	-370.9085597	Varney-2018	-195.4785597
606198.77	5600259.03	57.30287564	54159.35	53630.28	53470.93	54036.04062	-565.1106205	-358.9406205	Varney-2018	-183.5106205
606197.64	5600259.48	57.19771318	54159.36	53632.43	53473.07	54036.04291	-562.9729101	-356.8029101	Varney-2018	-181.3729101
606197.28	5600260.02	57.14323666	54159.37	53632.77	53473.4	54036.0458	-562.6457991	-356.4757991	Varney-2018	-181.0457991
606196.34	5600259.85	57.08469543	54159.36	53630.47	53471.11	54036.04474	-564.9347359	-358.7647359	Varney-2018	-183.3347359
606195.84	5600259.65	57.05932086	54159.34	53632.73	53473.39	54036.04357	-562.6535745	-356.4835745	Varney-2018	-181.0535745
606195.08	5600259.3	57.02312429	54159.34	53640.92	53481.58	54036.04156	-554.4615604	-348.2915604	Varney-2018	-172.8615604
606195.65	5600256.84	57.19385334	54159.34	53642.39	53483.05	54036.02826	-552.9782578	-346.8082578	Varney-2018	-171.3782578
606194.8	5600255.23	57.21717396	54159.34	53643.17	53483.83	54036.01939	-552.1893872	-346.0193872	Varney-2018	-170.5893872
606194.66	5600254.33	57.25437776	54159.34	53640.16	53480.82	54036.01448	-555.1944752	-349.0244752	Varney-2018	-173.5944752
606195.16	5600253.03	57.35913753	54159.34	53635.05	53475.71	54036.00747	-560.2974676	-354.1274676	Varney-2018	-178.6974676
606195.36	5600252.07	57.42427618	54159.34	53633.85	53474.51	54036.00227	-561.4922698	-355.3222698	Varney-2018	-179.8922698
606196.07	5600250.41	57.56364214	54159.37	53640.32	53480.95	54035.99332	-555.04332	-348.87332	Varney-2018	-173.44332
606196.51	5600248.98	57.67136954	54159.4	53641.12	53481.72	54035.98559	-554.2655852	-348.0955852	Varney-2018	-172.6655852
606195.79	5600247.9	57.67559437	54159.45	53638.44	53478.99	54035.97963	-556.9896302	-350.8196302	Varney-2018	-175.3896302
606196.03	5600246.56	57.76394442	54159.51	53638.61	53479.1	54035.97236	-556.8723627	-350.7023627	Varney-2018	-175.2723627
606195.16	5600245.25	57.76893288	54159.54	53617.81	53458.27	54035.96515	-577.6951499	-371.5251499	Varney-2018	-196.0951499
606195.19	5600243.55	57.86069592	54159.58	53604.73	53445.15	54035.95591	-590.8059058	-384.6359058	Varney-2018	-209.2059058
606194.41	5600243.33	57.81456686	54159.57	53590.98	53431.41	54035.95464	-604.5446396	-398.3746396	Varney-2018	-222.9446396
606195.52	5600241.41	57.99792567	54159.56	53569.25	53409.69	54035.94429	-626.2542928	-420.0842928	Varney-2018	-244.6542928
606195.73	5600239.43	58.1179563	54159.51	53526.64	53367.13	54035.93354	-668.8035364	-462.6335364	Varney-2018	-287.2035364
606196.15	5600238.29	58.20944135	54159.46	53513.94	53354.48	54035.92736	-681.4473635	-475.2773635	Varney-2018	-299.8473635
606198.66	5600235.96	58.52060261	54159.42	53576.43	53417.01	54035.91484	-618.9048422	-412.7348422	Varney-2018	-237.3048422
606200.95	5600234.62	58.76383532	54159.37	53613.85	53454.48	54035.90767	-581.427673	-375.257673	Varney-2018	-199.827673
606201.17	5600233.99	58.8140387	54159.35	53655.95	53496.6	54035.90425	-539.3042463	-333.1342463	Varney-2018	-157.7042463
606200.67	5600233.64	58.79511976	54159.33	53687.07	53527.74	54035.90231	-508.1623073	-301.9923073	Varney-2018	-126.5623073
606201.19	5600232.73	58.88289673	54159.33	53722.42	53563.09	54035.89737	-472.8073677	-266.6373677	Varney-2018	-91.20736772
606201.81	5600232.2	58.95800197	54159.33	53742.63	53583.3	54035.89451	-452.5945054	-246.4245054	Varney-2018	-70.99450543
606201.8	5600232.34	58.94975271	54159.36	53738.44	53579.08	54035.89527	-456.8152696	-250.6452696	Varney-2018	-75.21526962
606202.93	5600232.45	59.02907639	54159.39	53685.17	53525.78	54035.89593	-510.1159289	-303.9459289	Varney-2018	-128.5159289
606203.04	5600231.3	59.09912124	54159.43	53680.11	53520.68	54035.88965	-515.2096482	-309.0396482	Varney-2018	-133.6096482
606202.3	5600229.66	59.13111108	54159.48	53698.48	53539	54035.88065	-496.8806521	-290.7106521	Varney-2018	-115.2806521
606201.82	5600228.42	59.16112695	54159.48	53722.93	53563.45	54035.87386	-472.4238587	-266.2538587	Varney-2018	-90.82385865
606201.69	5600227.89	59.17962153	54159.49	53737.67	53578.18	54035.87096	-457.690959	-251.520959	Varney-2018	-76.09095898
606200.89	5600227.3	59.15033645	54159.47	53752.78	53593.31	54035.86771	-442.5577093	-236.3877093	Varney-2018	-60.9577093
606200.12	5600226.13	59.1541371	54159.45	53693.99	53534.54	54035.8613	-501.3212991	-295.1512991	Varney-2018	-119.7212991
606201.12	5600225.24	59.27793377	54159.41	53611.45	53452.04	54035.85647	-583.8164699	-377.6464699	Varney-2018	-202.2164699
606201.81	5600223.7	59.41305702	54159.37	53585.23	53425.86	54035.84808	-609.9880766	-403.8180766	Varney-2018	-228.3880766
606201.45	5600223.6	59.39084983	54159.34	53586.04	53426.7	54035.84752	-609.1475227	-402.9775227	Varney-2018	-227.5475227
606200.36	5600222.55	59.36341701	54159.31	53578.27	53418.96	54035.84177	-616.8817695	-410.7117695	Varney-2018	-235.2817695
606201.21	5600220.42	59.5424725	54159.31	53570.82	53411.51	54035.83015	-624.3201543	-418.1501543	Varney-2018	-242.7201543
606203.24	5600218.76	59.78790002	54159.3	53589.25	53429.95	54035.8211	-605.8710998	-399.7010998	Varney-2018	-224.2710998
606203.31	5600218.66	59.79867608	54159.34	53578.95	53419.61	54035.82055	-616.2105534	-410.0405534	Varney-2018	-234.6105534
606204.51	5600217.65	59.94573975	54159.38	53559.24	53399.86	54035.81503	-635.9550323	-429.7850323	Varney-2018	-254.3550323
606205.51	5600216.75	60.07168403	54159.44	53549.6	53390.16	54035.81011	-645.6501056	-439.4801056	Varney-2018	-264.0501056
606206	5600216.36	60.13072394	54159.5	53542.24	53382.74	54035.80797	-653.0679686	-446.8979686	Varney-2018	-271.4679686
606206.04	5600214.84	60.21603274	54159.56	53525.45	53365.89	54035.79964	-669.9096437	-463.7396437	Varney-2018	-288.3096437

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606208.96	5600214	60.48865023	54159.63	53547.73	53388.1	54035.79501	-647.6950088	-441.5250088	Varney-2018	-266.0950088
606209.12	5600215.97	60.39376433	54159.64	53571.07	53411.43	54035.80582	-624.3758171	-418.2058171	Varney-2018	-242.7758171
606209.29	5600217.78	60.3082906	54159.66	53586.17	53426.51	54035.81575	-609.3057495	-403.1357495	Varney-2018	-227.7057495
606209.14	5600219.9	60.18118101	54159.64	53578.28	53418.64	54035.82738	-617.1873827	-411.0173827	Varney-2018	-235.5873827
606212.39	5600219.07	60.47712844	54159.62	53569.37	53409.75	54035.82285	-626.0728466	-419.9028466	Varney-2018	-244.4728466
606217.36	5600218.31	60.85736379	54159.59	53572.29	53412.7	54035.81989	-623.1198873	-416.9498873	Varney-2018	-241.5198873
606217.48	5600218.47	60.85649651	54159.56	53574.39	53414.83	54035.8208	-620.9908033	-414.8208033	Varney-2018	-239.3908033
606223.74	5600215.26	61.44621687	54159.55	53571.03	53411.48	54035.80503	-624.3250313	-418.1550313	Varney-2018	-242.7250313
606228.16	5600213.62	61.82791413	54159.54	53578.73	53419.19	54035.79735	-616.6073475	-410.4373475	Varney-2018	-235.0073475
606221.91	5600221.35	60.99103936	54159.53	53599.38	53439.85	54035.83797	-595.9879666	-389.8179666	Varney-2018	-214.3879666
606223.97	5600222.88	61.04325947	54159.52	53611.02	53451.5	54035.84699	-584.3469931	-378.1769931	Varney-2018	-202.7469931
606224.06	5600224.05	60.9850096	54159.48	53617.17	53457.69	54035.85345	-578.1634522	-371.9934522	Varney-2018	-196.5634522
606223.13	5600224.03	60.92459312	54159.43	53629.97	53470.54	54035.85307	-565.3130656	-359.1430656	Varney-2018	-183.7130656
606223.71	5600227.21	60.78844475	54159.37	53645.07	53485.7	54035.87072	-550.1707212	-344.0007212	Varney-2018	-168.5707212
606224.9	5600228.81	60.77943282	54159.31	53652.94	53493.63	54035.87987	-542.2498696	-336.0798696	Varney-2018	-160.6498696
606225.91	5600228.6	60.85782514	54159.3	53636.98	53477.68	54035.87901	-558.1990139	-352.0290139	Varney-2018	-176.5990139
606228.71	5600228.72	61.03663477	54159.29	53630.55	53471.26	54035.8805	-564.6205017	-358.4505017	Varney-2018	-183.0205017
606229.7	5600228.64	61.10656718	54159.29	53640.38	53481.09	54035.88035	-554.7903549	-348.6203549	Varney-2018	-173.1903549
606230.78	5600227.1	61.26243022	54159.3	53648.35	53489.05	54035.87221	-546.8222118	-340.6522118	Varney-2018	-165.2222118
606232.07	5600226.52	61.37957251	54159.3	53652.68	53493.38	54035.86941	-542.4894073	-336.3194073	Varney-2018	-160.8894073
606233.23	5600225.26	61.52531548	54159.31	53662.72	53503.41	54035.86283	-532.4528286	-326.2828286	Varney-2018	-150.8528286
606233.59	5600224.55	61.58799662	54159.32	53666.66	53507.34	54035.85903	-528.5190348	-322.3490348	Varney-2018	-146.9190348
606234.95	5600222.82	61.7726232	54159.34	53676.48	53517.14	54035.84994	-518.7099354	-312.5399354	Varney-2018	-137.1099354
606234.9	5600221.85	61.82239314	54159.32	53676.87	53517.55	54035.84459	-518.2945917	-312.1245917	Varney-2018	-136.6945917
606234.57	5600220.36	61.88211249	54159.29	53676.61	53517.32	54035.83631	-518.5163076	-312.3463076	Varney-2018	-136.9163076
606234.41	5600221.4	61.81462403	54159.27	53675.54	53516.27	54035.84197	-519.5719733	-313.4019733	Varney-2018	-137.9719733
606235.25	5600220.98	61.89313278	54159.24	53675.08	53515.84	54035.83992	-519.9999168	-313.8299168	Varney-2018	-138.3999168
606235.22	5600221.32	61.87254726	54159.24	53674.66	53515.42	54035.84178	-520.4217756	-314.2517756	Varney-2018	-138.8217756
606235.15	5600220.85	61.89363559	54159.23	53672.48	53513.25	54035.83917	-522.5891728	-316.4191728	Varney-2018	-140.9891728
606236.31	5600220.44	61.9927359	54159.25	53677.33	53518.08	54035.83727	-517.7572672	-311.5872672	Varney-2018	-136.1572672
606236.63	5600219.2	62.08170494	54159.27	53671.94	53512.67	54035.83055	-523.1605517	-316.9905517	Varney-2018	-141.5605517
606237.11	5600218.03	62.17740373	54159.3	53656.77	53497.47	54035.82427	-538.3542689	-332.1842689	Varney-2018	-156.7542689
606237.95	5600218.48	62.20828921	54159.33	53674.14	53514.81	54035.82699	-521.0169923	-314.8469923	Varney-2018	-139.4169923
606238.49	5600218.16	62.26145735	54159.35	53681.85	53522.5	54035.8254	-513.3253966	-307.1553966	Varney-2018	-131.7253966
606240.82	5600215.56	62.55742324	54159.37	53681.95	53522.58	54035.81182	-513.2318176	-307.0618176	Varney-2018	-131.6318176
606240.19	5600214.56	62.57047098	54159.35	53669.44	53510.09	54035.80614	-525.7161366	-319.5461366	Varney-2018	-144.1161366
606239.94	5600214.37	62.56435153	54159.33	53665.89	53506.56	54035.80502	-529.2450179	-323.0750179	Varney-2018	-147.6450179
606239.22	5600214.53	62.50808241	54159.28	53663.53	53504.25	54035.80568	-531.5556797	-325.3856797	Varney-2018	-149.9556797
606239.56	5600214.04	62.55730421	54159.23	53662.47	53503.24	54035.80309	-532.5630911	-326.3930911	Varney-2018	-150.9630911
606239.97	5600212.91	62.64611378	54159.19	53668.36	53509.17	54035.79701	-526.6270091	-320.4570091	Varney-2018	-145.0270091
606240.27	5600211.94	62.71891098	54159.15	53673.98	53514.83	54035.79177	-520.9617728	-314.7917728	Varney-2018	-139.3617728
606239.78	5600210.64	62.75762756	54159.17	53677.85	53518.68	54035.78449	-517.1044856	-310.9344856	Varney-2018	-135.5044856
606240.63	5600209.54	62.87378649	54159.19	53681.32	53522.13	54035.7787	-513.6487022	-307.4787022	Varney-2018	-132.0487022
606240.09	5600209.17	62.85839881	54159.21	53681.77	53522.56	54035.77651	-513.2165067	-307.0465067	Varney-2018	-131.6165067
606239.76	5600208.56	62.8699769	54159.24	53682.84	53523.6	54035.77306	-512.1730567	-306.0030567	Varney-2018	-130.5730567
606239.21	5600207.13	62.91187772	54159.28	53678.94	53519.66	54035.76504	-516.1050363	-309.9350363	Varney-2018	-134.5050363
606238.86	5600204.88	63.02158424	54159.32	53676.25	53516.93	54035.75231	-518.8223132	-312.6523132	Varney-2018	-137.2223132
606238.38	5600204.49	63.01673107	54159.31	53675.71	53516.4	54035.74988	-519.3498804	-313.1798804	Varney-2018	-137.7498804
606238.07	5600203.8	63.04365416	54159.3	53678.61	53519.31	54035.74574	-516.435741	-310.265741	Varney-2018	-134.835741
606237.92	5600203.34	63.06536726	54159.29	53667.89	53508.6	54035.743	-527.1429978	-320.9729978	Varney-2018	-145.5429978
606237.72	5600202.88	63.08386424	54159.28	53655.06	53495.78	54035.74024	-539.9602373	-333.7902373	Varney-2018	-158.3602373
606237.56	5600202.8	63.07893676	54159.24	53659.04	53499.8	54035.73972	-535.9397163	-329.7697163	Varney-2018	-154.3397163
606237.62	5600202.24	63.12125979	54159.19	53649.14	53489.95	54035.73645	-545.7864531	-339.6164531	Varney-2018	-164.1864531
606238.16	5600201.71	63.19259786	54159.17	53640.47	53481.3	54035.73353	-554.4335265	-348.2635265	Varney-2018	-172.8335265
606237.7	5600200.9	63.21835204	54159.14	53628.54	53469.4	54035.72863	-566.3286252	-360.1586252	Varney-2018	-184.7286252
606237.13	5600200.67	63.19737269	54159.14	53613.35	53454.21	54035.72708	-581.5170823	-375.3470823	Varney-2018	-199.9170823
606238.19	5600200.18	63.29925656	54159.14	53613.44	53454.3	54035.72457	-581.4245742	-375.2545742	Varney-2018	-199.8245742
606237.61	5600198.87	63.35181397	54159.17	53615.4	53456.23	54035.71669	-579.4866946	-373.3166946	Varney-2018	-197.8866946
606237.17	5600198.88	63.32298113	54159.21	53608.77	53449.56	54035.7166	-586.1565969	-379.9865969	Varney-2018	-204.5565969
606237.22	5600199.12	63.30968749	54159.23	53609.99	53450.76	54035.71802	-584.9580223	-378.7880223	Varney-2018	-203.3580223
606237.6	5600198.7	63.36283787	54159.25	53605.97	53446.72	54035.71569	-588.9956944	-382.8256944	Varney-2018	-207.3956944
606237.11	5600198.39	63.35282969	54159.26	53598.24	53438.98	54035.7137	-596.7337013	-390.5637013	Varney-2018	-215.1337013
606237.89	5600196.83	63.50951936	54159.28	53591.27	53431.99	54035.70484	-603.7148397	-397.5448397	Varney-2018	-222.1148397
606238.43	5600196.19	63.58750734	54159.27	53588.7	53429.43	54035.70129	-606.2712921	-400.1012921	Varney-2018	-224.6712921

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606239.31	5600196.37	63.63086581	54159.25	53585.58	53426.33	54035.70268	-609.3726754	-403.2026754	Varney-2018	-227.7726754
606240.94	5600195.43	63.79757395	54159.23	53585.71	53426.48	54035.6978	-609.2177985	-403.0477985	Varney-2018	-227.6177985
606240.34	5600195.08	63.78352102	54159.2	53582.18	53422.98	54035.69553	-612.7155253	-406.5455253	Varney-2018	-231.1155253
606240.76	5600194.75	63.83227931	54159.2	53577.75	53418.55	54035.69376	-617.1437598	-410.9737598	Varney-2018	-235.5437598
606240.99	5600193.84	63.90827979	54159.19	53571.49	53412.3	54035.68854	-623.3885374	-417.2185374	Varney-2018	-241.7885374
606241.04	5600193.23	63.95266174	54159.19	53566.21	53407.02	54035.685	-628.664997	-422.494997	Varney-2018	-247.064997
606241.73	5600193.54	63.97478788	54159.2	53569.58	53410.38	54035.68708	-625.3070791	-419.1370791	Varney-2018	-243.7070791
606241.81	5600191.52	64.11595711	54159.19	53562.66	53403.47	54035.67533	-632.2053333	-426.0353333	Varney-2018	-250.6053333
606241.87	5600189.97	64.22413258	54159.18	53555.46	53396.28	54035.66632	-639.3863215	-433.2163215	Varney-2018	-257.7863215
606242.72	5600188.75	64.35828165	54159.18	53549.03	53389.85	54035.65958	-645.8095758	-439.6395758	Varney-2018	-264.2095758
606239.36	5600188.34	64.18094297	54159.17	53548.5	53389.33	54035.65573	-646.3257275	-440.1557275	Varney-2018	-264.7257275
606239.61	5600189.67	64.1056961	54159.18	53548.52	53389.34	54035.66361	-646.3236127	-440.1536127	Varney-2018	-264.7236127
606240.76	5600190.13	64.14510367	54159.19	53552.85	53393.66	54035.66679	-642.0067867	-435.8367867	Varney-2018	-260.4067867
606241.42	5600189.48	64.2295723	54159.2	53561.01	53401.81	54035.66327	-633.853273	-427.683273	Varney-2018	-252.253273
606243.13	5600188.86	64.37595458	54159.22	53567.32	53408.1	54035.66039	-627.560393	-421.390393	Varney-2018	-245.960393
606243.9	5600187.3	64.52725469	54159.21	53569.93	53410.72	54035.65165	-624.9316539	-418.7616539	Varney-2018	-243.3316539
606243.8	5600187.39	64.51517068	54159.2	53574.1	53414.9	54035.65213	-620.752133	-414.582133	Varney-2018	-239.152133
606243.72	5600188.15	64.4594936	54159.17	53611.96	53452.79	54035.65652	-582.8665178	-376.6965178	Varney-2018	-201.2665178
606244.43	5600188.02	64.51141339	54159.13	53586.61	53427.48	54035.65607	-608.1760721	-402.0060721	Varney-2018	-226.5760721
606244.84	5600187.76	64.5536786	54159.08	53581.88	53422.8	54035.65474	-612.8547414	-406.6847414	Varney-2018	-231.2547414
606243.92	5600188.16	64.47100942	54159.03	53583.94	53424.91	54035.65666	-610.7466632	-404.5766632	Varney-2018	-229.1466632
606246.14	5600187.48	64.65126092	54159.03	53591.34	53432.31	54035.65369	-603.3436888	-397.1736888	Varney-2018	-221.7436888
606246.59	5600187.5	64.67726801	54159.02	53597.88	53438.86	54035.654	-596.7940033	-390.6240033	Varney-2018	-215.1940033
606246.33	5600188.02	64.62709063	54159.02	53607.68	53448.66	54035.6569	-586.9969027	-380.8269027	Varney-2018	-205.3969027
606247.26	5600188.01	64.68437022	54159.02	53609.13	53450.11	54035.65725	-585.5472513	-379.3772513	Varney-2018	-203.9472513
606247.15	5600187.11	64.73697839	54159.02	53607.72	53448.7	54035.65199	-586.9519921	-380.7819921	Varney-2018	-205.3519921
606248.55	5600186.85	64.83888116	54159.02	53606.57	53447.55	54035.65111	-588.101111	-381.931111	Varney-2018	-206.501111
606249.38	5600186.12	64.93677793	54159.01	53602.79	53443.78	54035.64727	-591.8672666	-385.6972666	Varney-2018	-210.2672666
606249.75	5600186.49	64.93499725	54158.99	53607.8	53448.81	54035.64957	-586.8395687	-380.6695687	Varney-2018	-205.2395687
606249.17	5600186.79	64.88034146	54158.99	53605.24	53446.25	54035.65104	-589.401041	-383.231041	Varney-2018	-207.801041
606248.04	5600186.17	64.85263672	54158.98	53612.92	53453.94	54035.64695	-581.7069508	-375.5369508	Varney-2018	-200.1069508
606247.57	5600186.18	64.82361125	54159	53606.79	53447.79	54035.6468	-587.8567967	-381.6867967	Varney-2018	-206.2567967
606247.86	5600186.98	64.78856151	54159.02	53611.64	53452.62	54035.65156	-583.0315553	-376.8615553	Varney-2018	-201.4315553
606248.39	5600186.54	64.84951112	54159.04	53603.38	53444.34	54035.64925	-591.3092476	-385.1392476	Varney-2018	-209.7092476
606249.27	5600186.54	64.90271771	54159.06	53602.59	53443.53	54035.64964	-592.1196421	-385.9496421	Varney-2018	-210.5196421
606248.68	5600186.27	64.88471916	54159.09	53601.6	53442.51	54035.64782	-593.1378174	-386.9678174	Varney-2018	-211.5378174
606250.11	5600184.07	65.1141866	54159.13	53600.17	53441.04	54035.63577	-594.5957721	-388.4257721	Varney-2018	-212.9957721
606250.66	5600183.43	65.18858836	54159.13	53598.45	53439.32	54035.63234	-596.3123402	-390.1423402	Varney-2018	-214.7123402
606252	5600184.25	65.21551995	54159.12	53602.25	53443.13	54035.63769	-592.5076903	-386.3376903	Varney-2018	-210.9076903
606253.2	5600184.78	65.2532807	54159.1	53602.61	53443.51	54035.64129	-592.1312935	-385.9612935	Varney-2018	-210.5312935
606253.68	5600184.95	65.27117585	54159.08	53605.87	53446.79	54035.64249	-588.852491	-382.682491	Varney-2018	-207.252491
606254.16	5600185.21	65.28336624	54159.04	53604.37	53445.33	54035.6442	-590.3142037	-384.1442037	Varney-2018	-208.7142037
606253.32	5600185.03	65.244441	54158.99	53605.86	53446.87	54035.64278	-588.7727848	-382.6027848	Varney-2018	-207.1727848
606254.47	5600185.64	65.27455245	54158.96	53603.84	53444.88	54035.64681	-590.7668118	-384.5968118	Varney-2018	-209.1668118
606255.27	5600185.25	65.34751598	54158.93	53603.33	53444.4	54035.64494	-591.2449415	-385.0749415	Varney-2018	-209.6449415
606254.44	5600185.19	65.30146619	54158.93	53600.17	53441.24	54035.64422	-594.4042173	-388.2342173	Varney-2018	-212.8042173
606254.69	5600184.98	65.32987346	54158.93	53600.37	53441.44	54035.64313	-594.2031279	-388.0331279	Varney-2018	-212.6031279
606254.49	5600184.4	65.35487829	54158.96	53600.46	53441.5	54035.63971	-594.1397097	-387.9697097	Varney-2018	-212.5397097
606255.56	5600182.82	65.51925752	54158.99	53600.62	53441.63	54035.63116	-594.0011585	-387.8311585	Varney-2018	-212.4011585
606256.26	5600182.03	65.61085139	54159	53596.34	53437.34	54035.62697	-598.286972	-392.116972	Varney-2018	-216.686972
606256.84	5600180.49	65.74241105	54159.01	53596.16	53437.15	54035.61845	-598.4684474	-392.2984474	Varney-2018	-216.8684474
606255.85	5600178.16	65.83202774	54159.01	53600.08	53441.07	54035.60462	-594.5346203	-388.3646203	Varney-2018	-212.9346203
606255.71	5600176.94	65.90131901	54159.01	53600.63	53441.62	54035.59756	-593.9775634	-387.8075634	Varney-2018	-212.3775634
606256.47	5600176.18	65.99326229	54159.03	53600.89	53441.86	54035.59361	-593.7336121	-387.5636121	Varney-2018	-212.1336121
606256.74	5600175.94	66.02395224	54159.05	53606.29	53447.24	54035.59238	-588.3523819	-382.1823819	Varney-2018	-206.7523819
606257.98	5600175.46	66.12534023	54159.07	53604.45	53445.38	54035.5903	-590.2102969	-384.0402969	Varney-2018	-208.6102969
606258.31	5600174.88	66.18063199	54159.09	53601.77	53442.68	54035.58716	-592.9071629	-386.7371629	Varney-2018	-211.3071629
606258.95	5600174.18	66.26098432	54159.11	53599.37	53440.26	54035.58352	-595.3235153	-389.1535153	Varney-2018	-213.7235153
606257.97	5600173.04	66.27678803	54159.14	53595.75	53436.61	54035.57648	-598.9664769	-392.7964769	Varney-2018	-217.3664769
606259.91	5600173.76	66.34180698	54159.13	53592.99	53433.86	54035.58164	-601.7216437	-395.5516437	Varney-2018	-220.1216437
606261.85	5600172.61	66.52302821	54159.11	53587.33	53428.22	54035.57617	-607.3561692	-401.1861692	Varney-2018	-225.7561692
606260.82	5600170.97	66.56652479	54159.08	53590.49	53431.41	54035.56627	-604.1562725	-397.9862725	Varney-2018	-222.5562725
606259.46	5600169.28	66.59576351	54159.04	53593.13	53434.09	54035.55587	-601.4658746	-395.2958746	Varney-2018	-219.8658746
606259.35	5600170.56	66.50974678	54158.99	53598.01	53439.02	54035.5631	-596.5431046	-390.3731046	Varney-2018	-214.9431046

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606260.32	5600170.02	66.59754984	54158.94	53601.82	53442.88	54035.56058	-592.6805833	-386.5105833	Varney-2018	-211.0805833
606261.93	5600169.96	66.69103442	54158.93	53626.34	53467.41	54035.56116	-568.151165	-361.981165	Varney-2018	-186.551165
606265.48	5600169.07	66.94295109	54158.91	53644.91	53486	54035.55817	-549.5581701	-343.3881701	Varney-2018	-167.9581701
606264.84	5600167.33	67.01333995	54158.92	53646.27	53487.35	54035.54796	-548.1979562	-342.0279562	Varney-2018	-166.5979562
606266.53	5600165.37	67.22464687	54158.93	53653.08	53494.15	54035.5379	-541.3878964	-335.2178964	Varney-2018	-159.7878964
606267.1	5600164.95	67.28097366	54158.95	53657.14	53498.19	54035.53587	-537.3458742	-331.1758742	Varney-2018	-155.7458742
606266.57	5600163.86	67.3179891	54158.98	53655.99	53497.01	54035.5294	-538.5193987	-332.3493987	Varney-2018	-156.9193987
606268.31	5600163.94	67.40718438	54159.04	53653.85	53494.81	54035.53093	-540.7209268	-334.5509268	Varney-2018	-159.1209268
606267.22	5600164.03	67.34286653	54159.1	53654.65	53495.55	54035.53076	-539.9807599	-333.8107599	Varney-2018	-158.3807599
606268.12	5600165.23	67.31960344	54159.14	53656.47	53497.33	54035.53807	-538.2080745	-332.0380745	Varney-2018	-156.6080745
606269.27	5600165.12	67.38872494	54159.19	53658.61	53499.42	54035.53816	-536.1181563	-329.9481563	Varney-2018	-154.5181563
606270.28	5600163.96	67.51245181	54159.18	53650.62	53491.44	54035.53226	-544.0922581	-337.9222581	Varney-2018	-162.4922581
606269.73	5600162.63	67.56183051	54159.17	53646.09	53486.92	54035.52444	-548.6044434	-342.4344434	Varney-2018	-167.0044434
606272.26	5600161.09	67.78808785	54159.12	53650.09	53490.97	54035.51741	-544.5474086	-338.3774086	Varney-2018	-162.9474086
606273.06	5600160.28	67.87807808	54159.07	53642.88	53483.81	54035.51339	-551.7033891	-345.5333891	Varney-2018	-170.1033891
606272.23	5600159.71	67.8675865	54158.99	53644.13	53485.14	54035.50966	-550.36966	-344.19966	Varney-2018	-168.76966
606272.79	5600158.48	67.96925904	54158.91	53643.15	53484.24	54035.50314	-551.2631403	-345.0931403	Varney-2018	-169.6631403
606273.15	5600158.17	68.00628978	54158.86	53629.84	53470.98	54035.50164	-564.5216437	-358.3516437	Varney-2018	-182.9216437
606275.36	5600154.93	68.30960282	54158.81	53607.03	53448.22	54035.48504	-587.2650365	-381.0950365	Varney-2018	-205.6650365
606275.64	5600154.42	68.35349183	54158.8	53577.49	53418.69	54035.48239	-616.7923854	-410.6223854	Varney-2018	-235.1923854
606275.16	5600152.79	68.42328188	54158.79	53563.08	53404.29	54035.47296	-631.1829603	-425.0129603	Varney-2018	-249.5829603
606275.2	5600151.43	68.50408854	54158.8	53557.96	53399.16	54035.4654	-636.3054015	-430.1354015	Varney-2018	-254.7054015
606277.04	5600148.25	68.77949796	54158.82	53557.03	53398.21	54035.44902	-637.2390177	-431.0690177	Varney-2018	-255.6390177
606277.03	5600147.02	68.84960459	54158.87	53558.71	53399.84	54035.44217	-635.6021656	-429.4321656	Varney-2018	-254.0021656
606276.95	5600145.73	68.91974214	54158.93	53560.53	53401.6	54035.43493	-633.8349265	-427.6649265	Varney-2018	-252.2349265
606275.66	5600144.87	68.90641084	54158.94	53573.01	53414.07	54035.42916	-621.3591565	-415.1891565	Varney-2018	-239.7591565
606276.05	5600143.89	68.98189656	54158.96	53574.39	53415.43	54035.42399	-619.9939932	-413.8239932	Varney-2018	-238.3939932
606277.23	5600143.18	69.07964903	54158.97	53569.44	53410.47	54035.42095	-624.9509518	-418.7809518	Varney-2018	-243.3509518
606278.78	5600143.55	69.13320572	54158.99	53576.23	53417.24	54035.42421	-618.1842076	-412.0142076	Varney-2018	-236.5842076
606278.17	5600142.82	69.14544428	54158.98	53581.33	53422.35	54035.41968	-613.0696803	-406.8996803	Varney-2018	-231.4696803
606278.04	5600142.01	69.18546161	54158.97	53590.22	53431.25	54035.41508	-604.1650778	-397.9950778	Varney-2018	-222.5650778
606278.05	5600141.01	69.24305001	54158.95	53590.67	53431.72	54035.40953	-603.6895286	-397.5195286	Varney-2018	-222.0895286
606278.33	5600138.25	69.41376028	54158.93	53581.52	53422.59	54035.39442	-612.8044184	-406.6344184	Varney-2018	-231.2044184
606280.65	5600138.17	69.52669402	54158.91	53571.83	53412.92	54035.39586	-622.4758604	-416.3058604	Varney-2018	-240.8758604
606281.49	5600137.68	69.5934368	54158.89	53556.79	53397.9	54035.39383	-637.4938331	-431.3238331	Varney-2018	-255.8938331
606281.76	5600137.59	69.61105638	54158.85	53540.1	53381.25	54035.39356	-654.143556	-447.973556	Varney-2018	-272.543556
606281.85	5600136.94	69.65166518	54158.81	53546.47	53387.66	54035.39004	-647.7300361	-441.5600361	Varney-2018	-266.1300361
606282.34	5600133.91	69.84373184	54158.79	53549.23	53390.44	54035.3737	-644.9336989	-438.7636989	Varney-2018	-263.3336989
606282.5	5600132.53	69.92807855	54158.77	53566.23	53407.46	54035.36621	-627.9062116	-421.7362116	Varney-2018	-246.3062116
606282.2	5600130.87	70.00739087	54158.75	53575.21	53416.46	54035.35678	-618.896782	-412.726782	Varney-2018	-237.296782
606282.41	5600129.4	70.11175107	54158.73	53576.03	53417.3	54035.3485	-618.0485026	-411.8785026	Varney-2018	-236.4485026
606283.53	5600129.87	70.12231005	54158.76	53573.52	53414.76	54035.35242	-620.5924209	-414.4224209	Varney-2018	-238.9924209
606284.25	5600129.81	70.15756457	54158.79	53570.99	53412.2	54035.35272	-623.1527208	-416.9827208	Varney-2018	-241.5527208
606285.35	5600132.09	70.08085313	54158.85	53570.65	53411.8	54035.36623	-623.5662293	-417.3962293	Varney-2018	-241.9662293
606285.09	5600132.18	70.06419763	54158.92	53560.13	53401.21	54035.3665	-634.1565013	-427.9865013	Varney-2018	-252.5565013
606288.98	5600130.17	70.34782905	54158.98	53551.08	53392.1	54035.35884	-643.2588358	-437.0888358	Varney-2018	-261.6588358
606288.66	5600131.08	70.28438328	54159.04	53539.99	53380.95	54035.36354	-654.4135405	-448.2435405	Varney-2018	-272.8135405
606288.66	5600131.7	70.25084485	54159.06	53547.6	53388.54	54035.36694	-646.8269363	-440.6569363	Varney-2018	-265.2269363
606290.18	5600130.85	70.36656358	54159.08	53550.23	53391.15	54035.36355	-644.2135502	-438.0435502	Varney-2018	-262.6135502
606290.45	5600130.74	70.38503991	54159.07	53555.39	53396.32	54035.36317	-639.0431695	-432.8731695	Varney-2018	-257.4431695
606289.56	5600132.51	70.24828317	54159.06	53557.98	53398.92	54035.37213	-636.4521254	-430.2821254	Varney-2018	-254.8521254
606290.42	5600132.81	70.2725533	54159.03	53553.11	53394.08	54035.37446	-641.2944592	-435.1244592	Varney-2018	-259.6944592
606291.44	5600131.88	70.37020004	54159	53554.17	53395.17	54035.3702	-640.2002029	-434.0302029	Varney-2018	-258.6002029
606292.01	5600128.35	70.66032954	54158.97	53560.85	53401.88	54035.34941	-633.4694072	-427.2994072	Varney-2018	-251.8694072
606292.68	5600128.13	70.71540883	54158.93	53568.28	53409.35	54035.34843	-625.9984318	-419.8284318	Varney-2018	-244.3984318
606292.48	5600127.21	70.8064928	54158.91	53572.56	53413.65	54035.34189	-621.6918861	-415.5218861	Varney-2018	-240.0918861
606291.92	5600125.86	70.92771495	54158.88	53572.2	53413.32	54035.33206	-622.0120639	-415.8420639	Varney-2018	-240.4120639
606292.68	5600124.35	71.12781077	54158.88	53561.44	53402.56	54035.32221	-632.7622116	-426.5922116	Varney-2018	-251.1622116
606293.15	5600123.5	71.24246945	54158.89	53560.73	53401.84	54035.3167	-633.4766985	-427.3066985	Varney-2018	-251.8766985
606292.86	5600122.69	71.3173223	54158.89	53565.33	53406.44	54035.31084	-628.8708433	-422.7008433	Varney-2018	-247.2708433
606293.26	5600121.99	71.41238994	54158.9	53567.11	53408.21	54035.30631	-627.0963126	-420.9263126	Varney-2018	-245.4963126
606292.77	5600122.1	71.37749287	54158.91	53560.55	53401.64	54035.30668	-633.6666774	-427.4966774	Varney-2018	-252.0666774
606293.94	5600121.32	71.51730623	54158.93	53552.55	53393.62	54035.30222	-641.6822166	-435.5122166	Varney-2018	-260.0822166
606294.99	5600119.84	71.72805887	54158.94	53546.34	53387.4	54035.2928	-647.8927979	-441.7227979	Varney-2018	-266.2927979

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606295.96	5600118.91	71.87512236	54158.95	53557.39	53398.44	54035.28713	-636.847128	-430.677128	Varney-2018	-255.247128
606297.31	5600116.99	72.14837658	54158.95	53564.58	53405.63	54035.27489	-629.6448883	-423.4748883	Varney-2018	-248.0448883
606299.37	5600116.55	72.29334678	54158.95	53566.75	53407.8	54035.27349	-627.4734916	-421.3034916	Varney-2018	-245.8734916
606299.58	5600117	72.25395819	54158.95	53572.12	53413.17	54035.27679	-622.1067865	-415.9367865	Varney-2018	-240.5067865
606300.21	5600114.76	72.52885659	54158.95	53565.74	53406.79	54035.26173	-628.471732	-422.301732	Varney-2018	-246.871732
606301.03	5600114.04	72.64636564	54158.93	53559.4	53400.47	54035.25739	-634.7873871	-428.6173871	Varney-2018	-253.1873871
606302.46	5600112.91	72.83767159	54158.9	53557.73	53398.83	54035.25068	-636.420679	-430.250679	Varney-2018	-254.820679
606302.91	5600112.35	72.92032189	54158.88	53556.36	53397.48	54035.24715	-637.7671463	-431.5971463	Varney-2018	-256.1671463
606304.45	5600111.9	73.04245654	54158.85	53552.82	53393.97	54035.24525	-641.2752477	-435.1052477	Varney-2018	-259.6752477
606305.49	5600109.6	73.34412999	54158.83	53567.75	53408.92	54035.23008	-626.3100818	-420.1400818	Varney-2018	-244.7100818
606307.02	5600111.82	73.17272358	54158.8	53577.45	53418.65	54035.24674	-616.5967429	-410.4267429	Varney-2018	-234.9967429
606308.29	5600111.6	73.25694542	54158.8	53588.19	53429.39	54035.24623	-605.8562256	-399.6862256	Varney-2018	-224.2562256
606309.01	5600110.49	73.41306559	54158.8	53591.28	53432.48	54035.23907	-602.7590747	-396.5890747	Varney-2018	-221.1590747
606308.37	5600110.16	73.41904746	54158.8	53578.88	53420.08	54035.23627	-615.1562686	-408.9862686	Varney-2018	-233.5562686
606307.76	5600109.15	73.50116763	54158.79	53571.01	53412.22	54035.22876	-623.0087555	-416.8387555	Varney-2018	-241.4087555
606307.52	5600107.43	73.67881311	54158.81	53564.53	53405.72	54035.2166	-629.4965975	-423.3265975	Varney-2018	-247.8965975
606308.02	5600106.31	73.82568312	54158.84	53556.87	53398.03	54035.2092	-637.1792	-431.0092	Varney-2018	-255.5792
606308.08	5600105.37	73.9318699	54158.87	53551.78	53392.91	54035.20271	-642.2927064	-436.1227064	Varney-2018	-260.6927064
606308.32	5600103.92	74.10271318	54158.9	53551.22	53392.32	54035.19281	-642.8728054	-436.7028054	Varney-2018	-261.2728054
606308.12	5600102.7	74.22728924	54158.92	53557.32	53398.4	54035.18416	-636.7841586	-430.6141586	Varney-2018	-255.1841586
606307.63	5600101.41	74.34566247	54158.94	53568.46	53409.52	54035.1748	-625.6547981	-419.4847981	Varney-2018	-244.0547981
606307.07	5600100.32	74.43863992	54158.94	53576.76	53417.82	54035.16678	-617.3467762	-411.1767762	Varney-2018	-235.7467762
606307.79	5600098.79	74.64128706	54158.94	53575.44	53416.5	54035.15669	-618.6566932	-412.4866932	Varney-2018	-237.0566932
606307.78	5600098.62	74.65949243	54158.93	53580.2	53421.27	54035.1555	-613.8855025	-407.7155025	Varney-2018	-232.2855025
606308	5600098.88	74.64146796	54158.91	53575.51	53416.6	54035.15748	-618.5574831	-412.3874831	Varney-2018	-236.9574831
606308.58	5600098.45	74.71656956	54158.86	53579.91	53421.05	54035.15494	-614.1049429	-407.9349429	Varney-2018	-232.5049429
606308.23	5600098.25	74.72176033	54158.81	53582.68	53423.87	54035.15328	-611.2832785	-405.1132785	Varney-2018	-229.6832785
606307.65	5600098.79	74.63457101	54158.77	53579.95	53421.18	54035.15658	-613.976584	-407.806584	Varney-2018	-232.376584
606308.39	5600098.35	74.71844595	54158.73	53579.41	53420.68	54035.1541	-614.474099	-408.304099	Varney-2018	-232.874099
606308.9	5600097.59	74.82650269	54158.7	53578.76	53420.06	54035.14921	-615.0892069	-408.9192069	Varney-2018	-233.4892069
606308.38	5600097.99	74.75754603	54158.67	53579.73	53421.06	54035.15159	-614.091586	-407.921586	Varney-2018	-232.491586
606311.81	5600095.91	75.15130458	54158.66	53579.26	53420.6	54035.13977	-614.5397714	-408.3697714	Varney-2018	-232.9397714
606315.31	5600094.46	75.4797068	54158.64	53579.16	53420.52	54035.13238	-614.612381	-408.442381	Varney-2018	-233.012381
606317.03	5600093.75	75.64100895	54158.66	53579.56	53420.9	54035.12876	-614.2287617	-408.0587617	Varney-2018	-232.6287617
606317.09	5600092.75	75.75431599	54158.69	53578.16	53419.47	54035.12184	-615.6518367	-409.4818367	Varney-2018	-234.0518367
606317.28	5600092.29	75.81428672	54158.71	53575.58	53416.87	54035.11878	-618.2487762	-412.0787762	Varney-2018	-236.6487762
606316.67	5600091.13	75.91286321	54158.74	53580.02	53421.28	54035.11022	-613.8302202	-407.6602202	Varney-2018	-232.2302202
606314.43	5600089.89	75.94121885	54158.76	53586.75	53427.99	54035.09986	-607.1098584	-400.9398584	Varney-2018	-225.5098584
606313.73	5600089.31	75.97123844	54158.78	53575.1	53416.32	54035.09528	-618.7752809	-412.6052809	Varney-2018	-237.1752809
606313.17	5600089.63	75.90882442	54158.79	53574.34	53415.55	54035.09708	-619.5470809	-413.3770809	Varney-2018	-237.9470809
606314.04	5600088.84	76.03808443	54158.81	53565.92	53407.11	54035.09224	-627.9822439	-421.8122439	Varney-2018	-246.3822439
606313.18	5600088.99	75.97983861	54158.81	53563.85	53405.04	54035.09263	-630.0526305	-423.8826305	Varney-2018	-248.4526305
606312.41	5600088.13	76.03723343	54158.81	53545.19	53386.38	54035.08605	-648.7060512	-442.5360512	Varney-2018	-267.1060512
606312.74	5600087.8	76.0896121	54158.79	53528.72	53369.93	54035.084	-665.154005	-458.984005	Varney-2018	-283.554005
606312.4	5600087.47	76.10945392	54158.77	53515.04	53356.27	54035.08145	-678.8114469	-472.6414469	Varney-2018	-297.2114469
606312.32	5600087.47	76.10556752	54158.75	53518.09	53359.34	54035.08139	-675.7413858	-469.5713858	Varney-2018	-294.1413858
606312.95	5600085.8	76.32019029	54158.73	53518.44	53359.71	54035.07023	-675.3602344	-469.1902344	Varney-2018	-293.7602344
606315.33	5600082.05	76.84971632	54158.73	53518.07	53359.34	54035.04591	-675.7059126	-469.5359126	Varney-2018	-294.1059126
606315.3	5600080.48	77.0214468	54158.73	53521.56	53362.83	54035.03495	-672.2049489	-466.0349489	Varney-2018	-290.6049489
606316.58	5600080.31	77.10287529	54158.72	53527.83	53369.11	54035.03473	-665.9247284	-459.7547284	Varney-2018	-284.3247284
606316.64	5600080.04	77.13561801	54158.71	53528.05	53369.34	54035.03289	-665.6928915	-459.5228915	Varney-2018	-284.0928915
606316.81	5600079.54	77.19914318	54158.7	53531.5	53372.8	54035.02953	-662.229534	-456.059534	Varney-2018	-280.629534
606319.09	5600078.23	77.45565795	54158.69	53530.11	53371.42	54035.02211	-663.6021127	-457.4321127	Varney-2018	-282.0021127
606320.44	5600078.55	77.48652147	54158.69	53531.6	53372.91	54035.02536	-662.1153581	-455.9453581	Varney-2018	-280.5153581
606321.52	5600079.7	77.41225733	54158.7	53546.71	53388.01	54035.03419	-647.0241933	-440.8541933	Varney-2018	-265.4241933
606322.57	5600080.05	77.42495718	54158.7	53570.66	53411.96	54035.03743	-623.077426	-416.907426	Varney-2018	-241.477426
606322.87	5600079.69	77.47951104	54158.7	53581.02	53422.32	54035.03514	-612.7151393	-406.5451393	Varney-2018	-231.1151393
606323.33	5600078.9	77.5895408	54158.7	53580.24	53421.54	54035.02997	-613.4899709	-407.3199709	Varney-2018	-231.8899709
606324.05	5600078.59	77.65919366	54158.69	53585.74	53427.05	54035.02835	-607.9783477	-401.8083477	Varney-2018	-226.3783477
606324.23	5600078.39	77.69018314	54158.67	53585.78	53427.11	54035.02709	-607.9170865	-401.7470865	Varney-2018	-226.3170865
606324.51	5600078.75	77.66403011	54158.65	53589.57	53430.92	54035.02981	-604.1098102	-397.9398102	Varney-2018	-222.5098102
606324.95	5600079.33	77.62132726	54158.66	53600.83	53442.17	54035.03419	-592.8641905	-386.6941905	Varney-2018	-211.2641905
606324.87	5600078.81	77.67503772	54158.67	53607.34	53448.67	54035.0305	-586.3604995	-380.1904995	Varney-2018	-204.7604995
606329.53	5600076.13	78.20128502	54158.66	53612.86	53454.2	54035.01527	-580.815269	-374.645269	Varney-2018	-199.215269

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606329.79	5600076.2	78.20629758	54158.64	53612.07	53453.43	54035.01595	-581.5859526	-375.4159526	Varney-2018	-199.9859526
606329.36	5600076.04	78.20291931	54158.62	53618.55	53459.93	54035.01451	-575.084513	-368.914513	Varney-2018	-193.484513
606329.78	5600074.83	78.35800485	54158.6	53630.83	53472.23	54035.00637	-562.7763695	-356.6063695	Varney-2018	-181.1763695
606329.76	5600074.13	78.4347849	54158.57	53643.95	53485.38	54035.00146	-549.621462	-343.451462	Varney-2018	-168.021462
606329.85	5600074.48	78.40033729	54158.54	53658.2	53499.66	54035.00398	-535.3439753	-329.1739753	Varney-2018	-153.7439753
606330.81	5600072.97	78.61547991	54158.52	53674.91	53516.39	54034.99413	-518.6041342	-312.4341342	Varney-2018	-137.0041342
606330.22	5600073.19	78.56191218	54158.49	53669.35	53510.86	54034.99523	-524.1352337	-317.9652337	Varney-2018	-142.5352337
606330.48	5600072.34	78.66920452	54158.48	53675.59	53517.11	54034.98949	-517.879485	-311.709485	Varney-2018	-136.279485
606330.17	5600071.22	78.77834178	54158.46	53683.28	53524.82	54034.98143	-510.1614262	-303.9914262	Varney-2018	-128.5614262
606330.2	5600070.07	78.90760971	54158.47	53692.72	53534.25	54034.97341	-500.7234098	-294.5534098	Varney-2018	-119.1234098
606329.54	5600068.81	79.01489248	54158.49	53706.8	53548.31	54034.96412	-486.6541159	-280.4841159	Varney-2018	-105.0541159
606328.7	5600067.67	79.09982451	54158.5	53703.33	53544.83	54034.95553	-490.1255306	-283.9555306	Varney-2018	-108.5255306
606328.6	5600066.19	79.25918581	54158.51	53683.97	53525.46	54034.94512	-509.4851152	-303.3151152	Varney-2018	-127.8851152
606329.55	5600065.9	79.33863663	54158.52	53684.42	53525.9	54034.94378	-509.0437848	-302.8737848	Varney-2018	-127.4437848
606330.26	5600065.8	79.38506319	54158.53	53684.62	53526.09	54034.94361	-508.853606	-302.683606	Varney-2018	-127.253606
606331.4	5600064.95	79.53627565	54158.53	53683.14	53524.61	54034.9385	-510.3284982	-304.1584982	Varney-2018	-128.7284982
606331.96	5600063.7	79.70317218	54158.53	53684.74	53526.21	54034.93017	-508.720167	-302.550167	Varney-2018	-127.120167
606332.15	5600062.14	79.88615068	54158.53	53665.78	53507.25	54034.9194	-527.6693967	-321.4993967	Varney-2018	-146.0693967
606331.71	5600061.17	79.97203873	54158.53	53653.27	53494.74	54034.91229	-540.1722942	-334.0022942	Varney-2018	-158.5722942
606332.36	5600060.15	80.11799166	54158.52	53633.46	53474.94	54034.90563	-559.9656331	-353.7956331	Varney-2018	-178.3656331
606332.58	5600059.34	80.21911036	54158.51	53639.74	53481.23	54034.90013	-553.6701277	-347.5001277	Varney-2018	-172.0701277
606331.76	5600060.83	80.01234659	54158.52	53640.09	53481.57	54034.90995	-553.3399531	-347.1699531	Varney-2018	-171.7399531
606331.31	5600061.96	79.86421216	54158.53	53656.16	53497.63	54034.91753	-537.2875272	-331.1175272	Varney-2018	-155.6875272
606334.07	5600059.37	80.29040657	54158.53	53659	53500.47	54034.90142	-534.4314155	-328.2614155	Varney-2018	-152.8314155
606335.04	5600057.93	80.49937618	54158.52	53649.66	53491.14	54034.89204	-543.7520415	-337.5820415	Varney-2018	-162.1520415
606334.77	5600057.02	80.58717083	54158.53	53641.02	53482.49	54034.88548	-552.3954798	-346.2254798	Varney-2018	-170.7954798
606337.74	5600057.32	80.70285544	54158.54	53642.49	53483.95	54034.88972	-550.9397188	-344.7697188	Varney-2018	-169.3397188
606339.13	5600058.53	80.63760125	54158.55	53647.18	53488.63	54034.89919	-546.2691937	-340.0991937	Varney-2018	-164.6691937
606340.52	5600055.55	81.04006894	54158.56	53660.29	53501.73	54034.87932	-533.1493233	-326.9793233	Varney-2018	-151.5493233
606339.7	5600055.68	80.98431562	54158.58	53669.31	53510.73	54034.87965	-524.149645	-317.979645	Varney-2018	-142.549645
606340.3	5600054.85	81.10716569	54158.6	53689.02	53530.42	54034.87426	-504.4542622	-298.2842622	Varney-2018	-122.8542622
606340.45	5600054.46	81.15826588	54158.6	53715.85	53557.25	54034.87164	-477.6216379	-271.4516379	Varney-2018	-96.02163789
606340.89	5600054.2	81.20946109	54158.59	53746.8	53588.21	54034.87013	-446.6601317	-240.4901317	Varney-2018	-65.06013173
606341.33	5600053.3	81.29825271	54158.59	53767.92	53609.33	54034.86504	-425.5350412	-219.3650412	Varney-2018	-43.93504121
606341.75	5600053.76	81.29922743	54158.58	53791.35	53632.77	54034.86774	-402.0977367	-195.9277367	Varney-2018	-20.49773667
606344.49	5600052.05	81.51231466	54158.57	53816.9	53658.33	54034.86079	-376.5307949	-170.3607949	Varney-2018	5.069205114
606345	5600052.53	81.51695095	54158.56	53827.03	53668.47	54034.86366	-366.3936587	-160.2236587	Varney-2018	15.20634125
606346.51	5600051.85	81.62285546	54158.55	53837.11	53678.56	54034.8612	-356.3011995	-150.1311995	Varney-2018	25.29880051
606347.08	5600051.11	81.68402807	54158.54	53831.86	53673.32	54034.85776	-361.5377553	-155.3677553	Varney-2018	20.06224472
606347.32	5600050.38	81.72813517	54158.53	53817.72	53659.19	54034.85413	-375.664127	-169.494127	Varney-2018	5.935873027
606348.23	5600049.88	81.795901	54158.52	53793.03	53634.51	54034.85218	-400.3421757	-194.1721757	Varney-2018	-18.74217572
606350.06	5600048.43	81.95165339	54158.52	53772.58	53614.06	54034.84594	-420.7859383	-214.6159383	Varney-2018	-39.18593835
606350.61	5600047.52	82.01924968	54158.51	53742.24	53583.73	54034.8416	-451.1115955	-244.9415955	Varney-2018	-69.51159552
606351.25	5600046.93	82.07734426	54158.5	53728.09	53569.59	54034.83898	-465.2489829	-259.0789829	Varney-2018	-83.64898293
606351.72	5600046.59	82.11591591	54158.48	53712.96	53554.48	54034.83755	-480.3575499	-274.1875499	Varney-2018	-98.75754991
606352.78	5600046.45	82.17542723	54158.47	53702.52	53544.05	54034.83758	-490.7875806	-284.6175806	Varney-2018	-109.1875806
606353.64	5600046.94	82.19725508	54158.45	53691.33	53532.88	54034.84075	-501.9607471	-295.7907471	Varney-2018	-120.3607471
606354.91	5600047.03	82.25726239	54158.45	53684.11	53525.66	54034.84213	-509.1821253	-303.0121253	Varney-2018	-127.5821253
606356.53	5600046.73	82.35198285	54158.45	53666.99	53508.54	54034.84172	-526.3017245	-320.1317245	Varney-2018	-144.7017245
606356.82	5600046.19	82.39024426	54158.45	53674.92	53516.47	54034.83912	-518.3691219	-312.1991219	Varney-2018	-136.7691219
606357.55	5600045.9	82.4397055	54158.44	53676.66	53518.22	54034.83814	-516.6181357	-310.4481357	Varney-2018	-135.0181357
606357.35	5600045.63	82.44146408	54158.44	53676.43	53517.99	54034.83659	-516.8465872	-310.6765872	Varney-2018	-135.2465872
606356.46	5600044.98	82.4251327	54158.45	53686.47	53528.02	54034.83257	-506.8125666	-300.6425666	Varney-2018	-125.2125666
606356.5	5600043.76	82.48059948	54158.46	53702.42	53543.96	54034.82625	-490.8662458	-284.6962458	Varney-2018	-109.2662458
606356.56	5600042.4	82.54320635	54158.48	53717.94	53559.46	54034.81921	-475.3592108	-269.1892108	Varney-2018	-93.75921081
606357.72	5600042.24	82.60860203	54158.48	53728.32	53569.84	54034.81921	-464.9792098	-258.8092098	Varney-2018	-83.3792098
606358.11	5600041.12	82.67729438	54158.47	53735.96	53577.49	54034.81366	-457.3236607	-251.1536607	Varney-2018	-75.72366068
606358.63	5600039.93	82.75559047	54158.47	53741.32	53582.85	54034.80784	-451.9578406	-245.7878406	Varney-2018	-70.35784062
606359.89	5600038.36	82.88775673	54158.47	53742.26	53583.79	54034.80057	-451.0105741	-244.8405741	Varney-2018	-69.41057411
606361.12	5600037.95	82.96759658	54158.47	53743.07	53584.6	54034.79932	-450.199323	-244.029323	Varney-2018	-68.59932303
606361.39	5600037.84	82.98599754	54158.46	53741.21	53582.75	54034.79894	-452.0489443	-245.8789443	Varney-2018	-70.44894435
606362.02	5600037.89	83.015504	54158.44	53744.38	53585.94	54034.79966	-448.8596566	-242.6896566	Varney-2018	-67.25965659
606362.41	5600037.68	83.04432015	54158.42	53740.94	53582.52	54034.79884	-452.2788437	-246.1088437	Varney-2018	-70.67884366
606362.8	5600037.93	83.0529953	54158.42	53741.41	53582.99	54034.80042	-451.8104244	-245.6404244	Varney-2018	-70.21042442

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606363.64	5600038.43	83.07336726	54158.43	53741.61	53583.18	54034.80363	-451.6236289	-245.4536289	Varney-2018	-70.02362891
606364.68	5600038.03	83.14320305	54158.42	53741.72	53583.3	54034.80229	-451.5022937	-245.3322937	Varney-2018	-69.90229372
606365.97	5600036.79	83.28928899	54158.41	53740.5	53582.09	54034.79605	-452.7060533	-246.5360533	Varney-2018	-71.10605331
606366.18	5600036.81	83.30547092	54158.39	53735.05	53576.66	54034.79614	-458.1361358	-251.9661358	Varney-2018	-76.53613581
606366.5	5600037.57	83.29806074	54158.36	53736.23	53577.87	54034.80006	-456.9300611	-250.7600611	Varney-2018	-75.33006109
606367.83	5600037.21	83.42185936	54158.35	53735.66	53577.31	54034.79805	-457.488051	-251.318051	Varney-2018	-75.88805103
606368.88	5600036.56	83.53587587	54158.33	53745.15	53586.82	54034.79455	-447.9745537	-241.8045537	Varney-2018	-66.37455368
606369.85	5600036.19	83.63113252	54158.32	53752.24	53593.92	54034.79252	-440.8725216	-234.7025216	Varney-2018	-59.27252162
606369.89	5600035.22	83.67745199	54158.31	53756.21	53597.9	54034.78745	-436.887454	-230.717454	Varney-2018	-55.28745405
606370.68	5600033.88	83.80142599	54158.32	53760.98	53602.66	54034.78037	-432.1203699	-225.9503699	Varney-2018	-50.52036991
606370.67	5600033.45	83.81974514	54158.33	53754.48	53596.15	54034.77813	-438.6281253	-232.4581253	Varney-2018	-57.02812529
606369.19	5600033.92	83.67804007	54158.34	53748.21	53589.87	54034.78075	-444.9107472	-238.7407472	Varney-2018	-63.3107472
606367.87	5600034.26	83.55530305	54158.36	53753.04	53594.68	54034.78267	-440.1026688	-233.9326688	Varney-2018	-58.50266877
606368.13	5600033.92	83.59152854	54158.37	53746.8	53588.43	54034.78087	-446.350867	-240.180867	Varney-2018	-64.75086699
606368.82	5600033.37	83.67218493	54158.38	53751.69	53593.31	54034.77792	-441.4679201	-235.2979201	Varney-2018	-59.86792008
606369.17	5600032.45	83.74153538	54158.38	53752.47	53594.09	54034.77308	-440.6830798	-234.5130798	Varney-2018	-59.08307979
606369.57	5600032.28	83.78179887	54158.37	53751.21	53592.84	54034.77215	-441.9321453	-235.7621453	Varney-2018	-60.33214534
606369.64	5600032.58	83.77421711	54158.35	53752.56	53594.21	54034.7737	-440.5637028	-234.3937028	Varney-2018	-58.96370276
606369.63	5600032.57	83.77384286	54158.33	53752.45	53594.12	54034.77365	-440.6536517	-234.4836517	Varney-2018	-59.05365175
606369.51	5600032.08	83.78575891	54158.32	53743.63	53585.31	54034.77111	-449.4611087	-243.2911087	Varney-2018	-67.86110873
606369.75	5600031.54	83.82936964	54158.3	53735.65	53577.35	54034.76826	-457.4182616	-251.2482616	Varney-2018	-75.81826156
606370.01	5600031.59	83.84844971	54158.3	53737.36	53579.06	54034.76849	-455.708491	-249.538491	Varney-2018	-74.10849105
606369.63	5600032.27	83.78715227	54158.3	53738.95	53580.65	54034.77209	-454.122086	-247.952086	Varney-2018	-72.52208603
606368.91	5600029.07	83.86989972	54158.3	53728.55	53570.25	54034.75548	-464.5054785	-258.3354785	Varney-2018	-82.9054785
606368.77	5600029.56	83.83670126	54158.3	53723.15	53564.85	54034.75805	-469.9080526	-263.7380526	Varney-2018	-88.30805256
606369.5	5600028.7	83.93483552	54158.3	53722.6	53564.3	54034.75347	-470.453471	-264.283471	Varney-2018	-88.85347101
606370.94	5600028.14	84.07828465	54158.31	53714.18	53555.87	54034.75036	-478.880357	-272.710357	Varney-2018	-97.28035695
606371.76	5600028.38	84.13511455	54158.31	53713.06	53554.75	54034.7515	-480.0015022	-273.8315022	Varney-2018	-98.40150218
606372.38	5600028.69	84.17230054	54158.3	53707.02	53548.72	54034.75304	-486.0330411	-279.8630411	Varney-2018	-104.4330411
606373.33	5600028.29	84.26842431	54158.3	53692.25	53533.95	54034.75082	-500.8008237	-294.6308237	Varney-2018	-119.2008237
606376.44	5600029.84	84.45439071	54158.29	53676.24	53517.95	54034.75854	-516.8085376	-310.6385376	Varney-2018	-135.2085376
606376.82	5600029.06	84.52094565	54158.27	53658.52	53500.25	54034.7544	-534.5043989	-328.3343989	Varney-2018	-152.9043989
606376.71	5600029.83	84.47702375	54158.24	53658.1	53499.86	54034.75845	-534.8984508	-328.7284508	Varney-2018	-153.2984508
606377.68	5600030.81	84.51219929	54158.22	53654.07	53495.85	54034.76347	-538.9134695	-332.7434695	Varney-2018	-157.3134695
606378.98	5600030.86	84.61654806	54158.19	53641.28	53483.09	54034.76357	-551.6735711	-345.5035711	Varney-2018	-170.0735711
606380.5	5600030.92	84.73846384	54158.18	53631.02	53472.84	54034.7637	-561.9236986	-355.7536986	Varney-2018	-180.3236986
606380.52	5600030.8	84.74559878	54158.16	53625.33	53467.17	54034.76307	-567.5930653	-361.4230653	Varney-2018	-185.9930653
606380.73	5600029.39	84.82742621	54158.15	53623.17	53465.02	54034.75563	-569.7356261	-363.5656261	Varney-2018	-188.1356261
606381.33	5600029.32	84.87996345	54158.13	53616.55	53458.42	54034.75518	-576.3351807	-370.1651807	Varney-2018	-194.7351807
606381.32	5600028.85	84.90071178	54158.13	53617.99	53459.86	54034.75271	-574.8927099	-368.7227099	Varney-2018	-193.2927099
606380.78	5600028.99	84.84986619	54158.13	53623.51	53465.38	54034.75352	-569.3735165	-363.2035165	Varney-2018	-187.7735165
606380.58	5600029.78	84.79723394	54158.12	53629.9	53471.78	54034.7577	-562.9776957	-356.8076957	Varney-2018	-181.3776957
606381.81	5600027.04	85.02421353	54158.11	53626.36	53468.25	54034.74312	-566.4931228	-360.3231228	Varney-2018	-184.8931228
606381.56	5600027.23	84.9948588	54158.1	53633.97	53475.87	54034.74416	-558.8741566	-352.7041566	Varney-2018	-177.2741566
606384.51	5600025.15	85.3345343	54158.08	53636.74	53478.66	54034.73279	-556.0727915	-349.9027915	Varney-2018	-174.4727915
606384.27	5600024.39	85.34984469	54158.06	53643.87	53485.81	54034.72882	-548.9188208	-342.7488208	Varney-2018	-167.3188208
606384.33	5600023.83	85.38073803	54158.04	53640.82	53482.78	54034.72586	-551.9458608	-345.7758608	Varney-2018	-170.3458608
606384.99	5600023.26	85.46190902	54158.04	53637.93	53479.89	54034.72276	-554.8327578	-348.6627578	Varney-2018	-173.2327578
606385.5	5600022.86	85.52282072	54158.05	53634.56	53476.51	54034.72057	-558.2105716	-352.0405716	Varney-2018	-176.6105716
606386.42	5600021.33	85.67047801	54158.08	53627.78	53469.7	54034.71236	-565.0123579	-358.8423579	Varney-2018	-183.4123579
606387.41	5600020.4	85.7963311	54158.11	53625.37	53467.26	54034.70729	-567.4472916	-361.2772916	Varney-2018	-185.8472916
606387.9	5600019.55	85.8769318	54158.13	53621.27	53463.14	54034.70272	-571.562723	-365.392723	Varney-2018	-189.962723
606387.82	5600019.29	85.88240597	54158.15	53627.17	53469.02	54034.70136	-565.6813627	-359.5113627	Varney-2018	-184.0813627
606387.6	5600020.22	85.82058307	54158.16	53619.98	53461.82	54034.70631	-572.8863105	-366.7163105	Varney-2018	-191.2863105
606388.28	5600020.35	85.87121557	54158.17	53626.85	53468.68	54034.70689	-566.0268882	-359.8568882	Varney-2018	-184.4268882
606388.94	5600019.52	85.96517375	54158.15	53619.19	53461.04	54034.7024	-573.662395	-367.492395	Varney-2018	-192.062395
606388.32	5600019.51	85.91387229	54158.12	53617.1	53458.98	54034.70244	-575.7224433	-369.5524433	Varney-2018	-194.1224433
606388.93	5600018.73	86.00138238	54158.1	53613.42	53455.32	54034.69822	-579.3782206	-373.2082206	Varney-2018	-197.7782206
606388.69	5600014.97	86.15750849	54158.08	53614.58	53456.5	54034.67839	-578.1783879	-372.0083879	Varney-2018	-196.5783879
606388.67	5600014.95	86.15676373	54158.04	53614.95	53456.91	54034.67829	-577.7682857	-371.5982857	Varney-2018	-196.1682857
606388.46	5600014.87	86.1428496	54158	53613.94	53455.94	54034.6779	-578.7379005	-372.5679005	Varney-2018	-197.1379005
606388.46	5600013.96	86.18546412	54157.99	53614.59	53456.6	54034.67309	-578.0730917	-371.9030917	Varney-2018	-196.4730917
606388.18	5600014.48	86.13754846	54157.97	53610.92	53452.95	54034.67589	-581.7258901	-375.5558901	Varney-2018	-200.1258901
606389.85	5600014.21	86.29078687	54157.93	53611.29	53453.36	54034.67416	-581.3141606	-375.1441606	Varney-2018	-199.7141606

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606392.06	5600013.85	86.49388432	54157.89	53612.17	53454.28	54034.67185	-580.3918526	-374.2218526	Varney-2018	-198.7918526
606391.51	5600011.47	86.55995497	54157.87	53621.01	53463.14	54034.65935	-571.5193509	-365.3493509	Varney-2018	-189.9193509
606391.08	5600011.48	86.52312551	54157.84	53639.67	53481.83	54034.65949	-552.8294859	-346.6594859	Varney-2018	-171.2294859
606388.43	5600010.05	86.36602391	54157.84	53640.19	53482.35	54034.65244	-552.3024353	-346.1324353	Varney-2018	-170.7024353
606388.45	5600010.45	86.34898755	54157.83	53636.45	53478.62	54034.65455	-556.0345451	-349.8645451	Varney-2018	-174.4345451
606389.73	5600007.96	86.57440455	54157.82	53621.26	53463.44	54034.64113	-571.2011268	-365.0311268	Varney-2018	-189.6011268
606390.34	5600008.59	86.59660466	54157.81	53617.99	53460.18	54034.64434	-574.4643362	-368.2943362	Varney-2018	-192.8643362
606391	5600008.54	86.65501641	54157.82	53616.85	53459.03	54034.64394	-575.6139389	-369.4439389	Varney-2018	-194.0139389
606392.39	5600006.57	86.86634463	54157.83	53623	53465.17	54034.63322	-569.463222	-363.293222	Varney-2018	-187.863222
606393.34	5600005.52	86.99712033	54157.83	53620.53	53462.7	54034.62746	-571.9274579	-365.7574579	Varney-2018	-190.3274579
606394.46	5600004.71	87.13125941	54157.82	53626.55	53468.73	54034.62292	-565.8929236	-359.7229236	Varney-2018	-184.2929236
606394.37	5600004.39	87.13880286	54157.81	53633.66	53475.85	54034.62125	-558.7712453	-352.6012453	Varney-2018	-177.1712453
606394.63	5600002.65	87.24391533	54157.8	53637.58	53479.78	54034.61196	-554.831957	-348.661957	Varney-2018	-173.231957
606394.95	5600001.94	87.30519341	54157.78	53640.86	53483.08	54034.60812	-551.5281181	-345.3581181	Varney-2018	-169.9281181
606394.86	5600001.61	87.31320143	54157.76	53641.48	53483.72	54034.60639	-550.886387	-344.716387	Varney-2018	-169.286387
606394.37	5600001.12	87.29446348	54157.73	53642.19	53484.46	54034.6039	-550.143898	-343.973898	Varney-2018	-168.543898
606394.03	5599999.87	87.32470261	54157.69	53638.26	53480.57	54034.59735	-554.0273453	-347.8573453	Varney-2018	-172.4273453
606393.9	5599999.54	87.32920195	54157.67	53637.07	53479.4	54034.59563	-555.1956253	-349.0256253	Varney-2018	-173.5956253
606392.99	5599999.07	87.27312632	54157.64	53630.34	53472.7	54034.59335	-561.8933457	-355.7233457	Varney-2018	-180.2933457
606393.57	5599998.1	87.36918126	54157.62	53629.12	53471.5	54034.58807	-563.0880668	-356.9180668	Varney-2018	-181.4880668
606394.1	5599997.31	87.45249987	54157.59	53630.62	53473.03	54034.58375	-561.5537507	-355.3837507	Varney-2018	-179.9537507
606394.5	5599996.77	87.51277693	54157.6	53622.89	53465.29	54034.58079	-569.2907897	-363.1207897	Varney-2018	-187.6907897
606394.31	5599995.77	87.54394113	54157.61	53620.85	53463.24	54034.57553	-571.3355309	-365.1655309	Varney-2018	-189.7355309
606394.45	5599994.78	87.60320318	54157.59	53622.76	53465.17	54034.57024	-569.4002443	-363.2302443	Varney-2018	-187.8002443
606394.04	5599993.9	87.60949322	54157.56	53633.74	53476.18	54034.56568	-558.385679	-352.215679	Varney-2018	-176.785679
606393.49	5599993.84	87.56457364	54157.54	53638.48	53480.94	54034.5655	-553.6254994	-347.4554994	Varney-2018	-172.0254994
606393.22	5599993.9	87.53827424	54157.52	53642.12	53484.6	54034.56589	-549.9658856	-343.7958856	Varney-2018	-168.3658856
606394.41	5599992.95	87.68685609	54157.5	53650.03	53492.53	54034.56055	-542.0305458	-335.8605458	Varney-2018	-160.4305458
606394.65	5599992.93	87.7086833	54157.47	53664.57	53507.1	54034.56038	-527.4603784	-321.2903784	Varney-2018	-145.8603784
606393.12	5599995.47	87.4551097	54157.45	53664.52	53507.07	54034.57423	-527.5042328	-321.3342328	Varney-2018	-145.9042328
606393.73	5599991.48	87.69756464	54157.43	53662.89	53505.46	54034.55292	-529.0929243	-322.9229243	Varney-2018	-147.4929243
606394.57	5599991.59	87.76554755	54157.43	53680.15	53522.72	54034.55329	-511.8332892	-305.6632892	Varney-2018	-130.2332892
606395.6	5599991.85	87.8428984	54157.42	53655.44	53498.02	54034.5544	-536.5344018	-330.3644018	Varney-2018	-154.9344018
606396.62	5599992.12	87.91882932	54157.42	53644.12	53486.7	54034.55557	-547.855572	-341.685572	Varney-2018	-166.255572
606396.37	5599989.08	88.04256573	54157.42	53643.62	53486.2	54034.53949	-548.3394882	-342.1694882	Varney-2018	-166.7394882
606396.69	5599987.78	88.13283853	54157.42	53639.61	53482.19	54034.5325	-552.3424952	-346.1724952	Varney-2018	-170.7424952
606397.69	5599986.27	88.29302802	54157.43	53624.13	53466.7	54034.52419	-567.824194	-361.654194	Varney-2018	-186.224194
606396.08	5599984.03	88.2587191	54157.42	53619.08	53461.66	54034.51275	-572.8527458	-366.6827458	Varney-2018	-191.2527458
606397.88	5599982.93	88.47024686	54157.4	53618.79	53461.39	54034.50638	-573.1163816	-366.9463816	Varney-2018	-191.5163816
606398.6	5599981.8	88.5882309	54157.39	53613.52	53456.13	54034.50016	-578.3701614	-372.2001614	Varney-2018	-196.7701614
606397.7	5599981.23	88.53602038	54157.37	53614.71	53457.34	54034.4974	-577.1573956	-370.9873956	Varney-2018	-195.5573956
606397.09	5599980.36	88.52375289	54157.36	53612.23	53454.87	54034.49295	-579.6229525	-373.4529525	Varney-2018	-198.0229525
606397.89	5599980.05	88.60955213	54157.34	53619.3	53461.96	54034.49106	-572.531065	-366.361065	Varney-2018	-190.931065
606398.15	5599980.96	88.58883646	54157.34	53620.89	53463.55	54034.49583	-570.9458265	-364.7758265	Varney-2018	-189.3458265
606398.19	5599981.64	88.55966854	54157.34	53622.75	53465.41	54034.49943	-569.089431	-362.919431	Varney-2018	-187.489431
606398.26	5599981.92	88.55238924	54157.35	53623.66	53466.31	54034.5009	-568.1908996	-362.0208996	Varney-2018	-186.5908996
606398.1	5599981.45	88.56084466	54157.36	53624.87	53467.51	54034.49845	-566.9884471	-360.8184471	Varney-2018	-185.3884471
606398.09	5599980.79	88.59169892	54157.36	53625.7	53468.34	54034.49494	-566.1549402	-359.9849402	Varney-2018	-184.5549402
606398.46	5599980.75	88.62639468	54157.35	53632.87	53475.52	54034.49462	-558.9746174	-352.8046174	Varney-2018	-177.3746174
606398.34	5599981.1	88.59892309	54157.33	53625.02	53467.69	54034.49651	-566.8065147	-360.6365147	Varney-2018	-185.2065147
606398.34	5599981.11	88.59844187	54157.3	53623.78	53466.48	54034.49657	-568.0165679	-361.8465679	Varney-2018	-186.4165679
606399.4	5599980.59	88.7173755	54157.28	53633.6	53476.32	54034.49349	-558.173486	-352.003486	Varney-2018	-176.573486
606399.15	5599979.83	88.73188036	54157.26	53614.82	53457.56	54034.48952	-576.9295161	-370.7595161	Varney-2018	-195.3295161
606398.11	5599979.79	88.6415624	54157.24	53738	53580.76	54034.48962	-453.7296163	-247.5596163	Varney-2018	-72.12961628
606397.59	5599980.4	88.56614418	54157.21	53603.69	53446.48	54034.49302	-588.0130157	-381.8430157	Varney-2018	-206.4130157
606395.95	5599981.2	88.38256103	54157.19	53607.82	53450.63	54034.49775	-583.8677542	-377.6977542	Varney-2018	-202.2677542
606397.04	5599981.05	88.48623473	54157.17	53650.11	53492.94	54034.49663	-541.5566343	-335.3866343	Varney-2018	-159.9566343
606397.04	5599980.48	88.51356741	54157.17	53624.59	53467.42	54034.49361	-567.0736052	-360.9036052	Varney-2018	-185.4736052
606394.72	5599980.63	88.30084771	54157.17	53624.86	53467.69	54034.49509	-566.8050938	-360.6350938	Varney-2018	-185.2050938
606395.47	5599979.65	88.41408126	54157.16	53659.13	53501.97	54034.48967	-532.5196676	-326.3496676	Varney-2018	-150.9196676
606397.43	5599979.11	88.61388913	54157.14	53646.31	53489.17	54034.48621	-545.3162063	-339.1462063	Varney-2018	-163.7162063
606397.57	5599979.12	88.62583925	54157.13	53643.81	53486.68	54034.48622	-547.806217	-341.636217	Varney-2018	-166.206217
606397.48	5599979.36	88.60632612	54157.12	53645.96	53488.84	54034.48752	-545.6475201	-339.4775201	Varney-2018	-164.0475201
606397.56	5599979.6	88.60190172	54157.09	53641.78	53484.69	54034.48877	-549.7987718	-343.6287718	Varney-2018	-168.1987718

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606397.6	5599980.13	88.57999723	54157.05	53640.75	53483.7	54034.49158	-550.7915773	-344.6215773	Varney-2018	-169.1915773
606397.72	5599980.13	88.59063578	54157.03	53638.89	53481.86	54034.49154	-552.6315413	-346.4615413	Varney-2018	-171.0315413
606398.07	5599979.96	88.62983967	54157.01	53645.98	53488.97	54034.49053	-545.5205324	-339.3505324	Varney-2018	-163.9205324
606397.79	5599980.24	88.59155608	54157.01	53635.02	53478.01	54034.49211	-556.4821052	-350.3121052	Varney-2018	-174.8821052
606397.96	5599980.1	88.61335507	54157.01	53637.48	53480.47	54034.49131	-554.0213098	-347.8513098	Varney-2018	-172.4213098
606397.98	5599980.8	88.58147566	54157.01	53633.51	53476.5	54034.49503	-557.9950261	-351.8250261	Varney-2018	-176.3950261
606398.24	5599981.32	88.57948631	54157.01	53628.18	53471.17	54034.49771	-563.3277144	-357.1577144	Varney-2018	-181.7277144
606398.19	5599981.33	88.57458034	54157.01	53628.88	53471.87	54034.49778	-562.6277824	-356.4577824	Varney-2018	-181.0277824
606398.16	5599981.14	88.58106416	54157.02	53634.76	53477.74	54034.49678	-556.7567808	-350.5867808	Varney-2018	-175.1567808
606398.24	5599980.97	88.59632451	54157.02	53644.59	53487.57	54034.49585	-546.9258529	-340.7558529	Varney-2018	-165.3258529
606398.05	5599981.22	88.56747995	54157.02	53637.92	53480.9	54034.49724	-553.5972388	-347.4272388	Varney-2018	-171.9972388
606398.07	5599981.11	88.57453975	54157.02	53635.07	53478.05	54034.49665	-556.4466479	-350.2766479	Varney-2018	-174.8466479
606397.84	5599981.32	88.54408676	54157.01	53636.41	53479.4	54034.49783	-555.0978327	-348.9278327	Varney-2018	-173.4978327
606397.52	5599981.22	88.52056861	54157.01	53639.29	53482.28	54034.4974	-552.2173957	-346.0473957	Varney-2018	-170.6173957
606398.46	5599981.71	88.58018227	54157.01	53624.57	53467.56	54034.49972	-566.9397239	-360.7697239	Varney-2018	-185.3397239
606399.73	5599981.74	88.69106189	54156.98	53617.39	53460.41	54034.49951	-574.0895098	-367.9195098	Varney-2018	-192.4895098
606400.1	5599981.75	88.72330261	54156.95	53618.75	53461.8	54034.49945	-572.6994542	-366.5294542	Varney-2018	-191.0994542
606399.97	5599981.94	88.70262131	54156.92	53615.41	53458.49	54034.5005	-576.0105041	-369.8405041	Varney-2018	-194.4105041
606399.86	5599981.99	88.69047931	54156.88	53615.72	53458.84	54034.5008	-575.6608026	-369.4908026	Varney-2018	-194.0608026
606399.39	5599981.84	88.656165	54156.83	53615.84	53459.01	54034.50014	-575.4901421	-369.3201421	Varney-2018	-193.8901421
606399.28	5599981.77	88.64981477	54156.78	53616.33	53459.55	54034.4998	-574.9498018	-368.7798018	Varney-2018	-193.3498018
606399.35	5599981.83	88.65311031	54156.76	53616.58	53459.82	54034.5001	-574.6801006	-368.5101006	Varney-2018	-193.0801006
606399.08	5599981.98	88.62200077	54156.73	53617.17	53460.44	54034.50098	-574.0609782	-367.8909782	Varney-2018	-192.4609782
606399.15	5599982.06	88.62433139	54156.72	53624.44	53467.72	54034.50138	-566.7813834	-360.6113834	Varney-2018	-185.1813834
606406.06	5599976.72	89.43588158	54168.37	53622.85	53454.48	54034.47245	-579.9924488	-373.8224488	Varney-2018	-198.3924488
606405.86	5599976.88	89.41854077	54168.36	53621.13	53452.77	54034.47315	-581.7031451	-375.5331451	Varney-2018	-200.1031451
606405.84	5599976.85	89.41666076	54168.35	53623.96	53455.61	54034.47303	-578.8630327	-372.6930327	Varney-2018	-197.2630327
606405.82	5599976.68	89.41433277	54168.34	53622.81	53454.47	54034.47237	-580.0023663	-373.8323663	Varney-2018	-198.4023663
606405.97	5599976.59	89.42743813	54168.36	53621.69	53453.33	54034.47196	-581.1419626	-374.9719626	Varney-2018	-199.5419626
606405.84	5599976.65	89.41602228	54168.39	53622.61	53454.22	54034.47224	-580.2522412	-374.0822412	Varney-2018	-198.6522412
606405.9	5599976.96	89.4223634	54168.41	53621.53	53453.12	54034.47345	-581.3534491	-375.1834491	Varney-2018	-199.7534491
606406	5599976.96	89.43128253	54168.44	53621.72	53453.28	54034.47342	-581.1934177	-375.0234177	Varney-2018	-199.5934177
606404.84	5599974.4	89.31898148	54168.45	53623.22	53454.77	54034.46367	-579.6936689	-373.5236689	Varney-2018	-198.0936689
606404.93	5599974.52	89.32748021	54168.46	53621.67	53453.21	54034.46411	-581.2541132	-375.0841132	Varney-2018	-199.6541132
606405.01	5599974.65	89.33510946	54168.45	53621.75	53453.3	54034.4646	-581.1646004	-374.9946004	Varney-2018	-199.5646004
606405.02	5599974.76	89.33638204	54168.43	53622.7	53454.27	54034.46503	-580.1950318	-374.0250318	Varney-2018	-198.5950318
606404.9	5599974.75	89.32557597	54168.41	53622.89	53454.48	54034.46503	-579.9850318	-373.8150318	Varney-2018	-198.3850318
606405.57	5599975.82	89.38921079	54168.39	53621.53	53453.14	54034.46904	-581.3290435	-375.1590435	Varney-2018	-199.7290435
606405.39	5599976.19	89.37432748	54168.38	53624.06	53455.68	54034.47056	-578.7905645	-372.6205645	Varney-2018	-197.1905645
606405.73	5599976.61	89.40607352	54168.37	53621.95	53453.58	54034.47212	-580.8921177	-374.7221177	Varney-2018	-199.2921177
606406.3	5599977.21	89.45880806	54168.38	53622.79	53454.41	54034.47431	-580.0643137	-373.8943137	Varney-2018	-198.4643137
606406.4	5599975.76	89.46330314	54168.39	53622.26	53453.87	54034.46854	-580.5985387	-374.4285387	Varney-2018	-198.9985387
606406.02	5599975.59	89.42875698	54168.4	53621.98	53453.58	54034.46799	-580.8879882	-374.7179882	Varney-2018	-199.2879882
606405.63	5599975.43	89.39331372	54168.42	53618.28	53449.86	54034.46748	-584.6074814	-378.4374814	Varney-2018	-203.0074814
606405.25	5599975.26	89.35870081	54168.46	53620.92	53452.46	54034.46693	-582.0069327	-375.8369327	Varney-2018	-200.4069327
606407.37	5599976.55	89.55232902	54168.5	53621.88	53453.38	54034.47136	-581.0913607	-374.9213607	Varney-2018	-199.4913607
606408.33	5599977.98	89.63753513	54168.52	53621.26	53452.74	54034.47685	-581.7368504	-375.5668504	Varney-2018	-200.1368504
606407.76	5599977.92	89.58980292	54168.54	53621.97	53453.43	54034.4767	-581.0467044	-374.8767044	Varney-2018	-199.4467044
606407.26	5599977.38	89.54484902	54168.55	53623.04	53454.49	54034.47469	-579.9846883	-373.8146883	Varney-2018	-198.3846883
606407.03	5599976.85	89.52283245	54168.56	53622.32	53453.76	54034.47266	-580.7126581	-374.5426581	Varney-2018	-199.1126581
606406.85	5599976.44	89.50557181	54168.55	53622.13	53453.58	54034.47109	-580.8910894	-374.7210894	Varney-2018	-199.2910894
606406.8	5599976.37	89.50089951	54168.53	53621.97	53453.44	54034.47083	-581.0308278	-374.8608278	Varney-2018	-199.4308278
606406.75	5599976.38	89.49646182	54168.5	53622.25	53453.75	54034.47088	-580.7208833	-374.5508833	Varney-2018	-199.1208833
606406.79	5599976.57	89.50059507	54168.46	53622.43	53453.97	54034.47162	-580.5016237	-374.3316237	Varney-2018	-198.9016237
606406.83	5599976.73	89.50463631	54168.47	53622.35	53453.88	54034.47225	-580.5922453	-374.4222453	Varney-2018	-198.9922453
606406.91	5599977.28	89.51337898	54168.48	53622.38	53453.9	54034.4744	-580.5744007	-374.4044007	Varney-2018	-198.9744007
606407.01	5599977.52	89.52298282	54168.5	53622.5	53454	54034.47532	-580.4753212	-374.3053212	Varney-2018	-198.8753212
606406.92	5599977.39	89.51459028	54168.52	53622.64	53454.12	54034.47483	-580.3548337	-374.1848337	Varney-2018	-198.7548337
606407.01	5599977.37	89.52254967	54168.49	53622.42	53453.93	54034.47473	-580.5447264	-374.3747264	Varney-2018	-198.9447264
606407.08	5599977.44	89.52898645	54168.46	53621.78	53453.32	54034.47498	-581.1549822	-374.9849822	Varney-2018	-199.5549822
606407.06	5599977.41	89.52711888	54168.42	53620.58	53452.16	54034.47487	-582.3148695	-376.1448695	Varney-2018	-200.7148695
606407.05	5599977.57	89.52668851	54168.37	53626.02	53457.65	54034.47551	-576.8255071	-370.6555071	Varney-2018	-195.2255071
606407.28	5599976.87	89.54519377	54168.35	53618.93	53450.58	54034.47266	-583.8926587	-377.7226587	Varney-2018	-202.2926587
606407.99	5599976.65	89.60795705	54168.33	53620.16	53451.83	54034.47156	-582.6415614	-376.4715614	Varney-2018	-201.0415614

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606407.48	5599976.78	89.56278783	54168.35	53619.69	53451.34	54034.47224	-583.1322386	-376.9622386	Varney-2018	-201.5322386
606408.21	5599977.07	89.62867849	54168.37	53618.67	53450.3	54034.47316	-584.1731608	-378.0031608	Varney-2018	-202.5731608
606408.21	5599977.34	89.6293738	54168.43	53617.04	53448.61	54034.47423	-585.8642337	-379.6942337	Varney-2018	-204.2642337
606408.2	5599977.33	89.6284571	54168.5	53618.36	53449.86	54034.4742	-584.6141971	-378.4441971	Varney-2018	-203.0141971
606407.65	5599977.21	89.57912837	54168.55	53618.88	53450.33	54034.47389	-584.143892	-377.973892	Varney-2018	-202.543892
606407.6	5599976.91	89.57385184	54168.6	53620.33	53451.73	54034.47272	-582.7427168	-376.5727168	Varney-2018	-201.1427168
606407.46	5599976.53	89.56031043	54168.61	53619.86	53451.25	54034.47125	-583.2212528	-377.0512528	Varney-2018	-201.6212528
606408.13	5599976.68	89.62053301	54168.62	53618.75	53450.13	54034.47164	-584.3416363	-378.1716363	Varney-2018	-202.7416363
606408.12	5599976.73	89.6197703	54168.59	53618.09	53449.5	54034.47184	-584.9718382	-378.8018382	Varney-2018	-203.3718382
606407.99	5599976.97	89.60879946	54168.56	53617.31	53448.75	54034.47283	-585.7228325	-379.5528325	Varney-2018	-204.1228325
606407.46	5599976.8	89.56105848	54168.52	53617.69	53449.17	54034.47232	-585.3023243	-379.1323243	Varney-2018	-203.7023243
606407.35	5599977.13	89.55216659	54168.47	53621.21	53452.74	54034.47367	-581.7336683	-375.5636683	Varney-2018	-200.1336683
606407	5599976.75	89.51986682	54168.45	53620.28	53451.83	54034.47227	-582.642271	-376.472271	Varney-2018	-201.042271
606406.91	5599976.74	89.51180554	54168.42	53620.38	53451.96	54034.47226	-582.5122597	-376.3422597	Varney-2018	-200.9122597
606406.9	5599977.24	89.51237124	54168.43	53619.28	53450.85	54034.47425	-583.6242452	-377.4542452	Varney-2018	-202.0242452
606406.98	5599977.32	89.51973235	54168.44	53620.04	53451.6	54034.47454	-582.8745375	-376.7045375	Varney-2018	-201.2745375
606406.95	5599977.31	89.5170304	54168.48	53619.86	53451.38	54034.47451	-583.0945072	-376.9245072	Varney-2018	-201.4945072
606406.57	5599976.76	89.48152108	54168.52	53620.77	53452.25	54034.47245	-582.2224463	-376.0524463	Varney-2018	-200.6224463
606406.16	5599976.06	89.44275496	54168.57	53620.79	53452.22	54034.4698	-582.2498039	-376.0798039	Varney-2018	-200.6498039
606405.62	5599975.46	89.39251531	54168.63	53620.45	53451.82	54034.4676	-582.6476033	-376.4776033	Varney-2018	-201.0476033
606405.73	5599975.58	89.40275584	54168.61	53620.18	53451.57	54034.46804	-582.8980424	-376.7280424	Varney-2018	-201.2980424
606405.95	5599975.9	89.42346938	54168.58	53619.69	53451.11	54034.46924	-583.3592378	-377.1892378	Varney-2018	-201.7592378
606406.12	5599976.11	89.43933391	54168.51	53619.27	53450.76	54034.47001	-583.7100147	-377.5400147	Varney-2018	-202.1100147
606406.08	5599976.01	89.43544442	54168.44	53619.17	53450.73	54034.46963	-583.7396316	-377.5696316	Varney-2018	-202.1396316
606406.07	5599976.08	89.43476931	54168.36	53618.85	53450.49	54034.46991	-583.9799119	-377.8099119	Varney-2018	-202.3799119
606405.79	5599975.69	89.40848148	54168.28	53619.31	53451.03	54034.46846	-583.4384583	-377.2684583	Varney-2018	-201.8384583
606405.88	5599975.78	89.41682483	54168.27	53620.05	53451.78	54034.46879	-582.6887854	-376.5187854	Varney-2018	-201.0887854
606405.92	5599975.79	89.42043649	54168.25	53619.5	53451.25	54034.46881	-583.2188121	-377.0488121	Varney-2018	-201.6188121
606405.77	5599975.72	89.40678736	54168.26	53619.75	53451.49	54034.46858	-582.9785835	-376.8085835	Varney-2018	-201.3785835
606406.18	5599976.16	89.44485386	54168.28	53618.7	53450.42	54034.47019	-584.0501935	-377.8801935	Varney-2018	-202.4501935
606406.22	5599976.25	89.44870826	54168.3	53618.38	53450.08	54034.47054	-584.3905371	-378.2205371	Varney-2018	-202.7905371
606406.26	5599976.23	89.45222164	54168.33	53618.72	53450.39	54034.47045	-584.0804451	-377.9104451	Varney-2018	-202.4804451
606406.19	5599976.08	89.44549976	54168.33	53619.58	53451.25	54034.46987	-583.2198735	-377.0498735	Varney-2018	-201.6198735
606406.03	5599975.91	89.43065819	54168.34	53619.23	53450.89	54034.46925	-583.5792517	-377.4092517	Varney-2018	-201.9792517
606405.89	5599975.74	89.41759264	54168.34	53619.7	53451.36	54034.46862	-583.1086239	-376.9386239	Varney-2018	-201.5086239
606405.81	5599975.67	89.41020791	54168.34	53619.59	53451.25	54034.46837	-583.2183727	-377.0483727	Varney-2018	-201.6183727
606405.95	5599975.92	89.42353266	54168.32	53617.3	53448.98	54034.46932	-585.489317	-379.319317	Varney-2018	-203.889317
606405.63	5599975.6	89.39386572	54168.29	53620.18	53451.89	54034.46815	-582.5781539	-376.4081539	Varney-2018	-200.9781539
606405.81	5599975.61	89.4100159	54168.27	53620.59	53452.32	54034.46814	-582.1481353	-375.9781353	Varney-2018	-200.5481353
606405.93	5599975.8	89.42136314	54168.24	53618.26	53450.02	54034.46885	-584.4488485	-378.2788485	Varney-2018	-202.8488485
606405.93	5599975.57	89.42063428	54168.22	53619.34	53451.12	54034.46794	-583.3479381	-377.1779381	Varney-2018	-201.7479381
606406.19	5599975.96	89.44512761	54168.2	53619.26	53451.06	54034.4694	-583.4093983	-377.2393983	Varney-2018	-201.8093983
606406.16	5599975.86	89.44213315	54168.19	53618.27	53450.08	54034.46901	-584.389012	-378.219012	Varney-2018	-202.789012
606406.07	5599975.74	89.43370426	54168.18	53618.66	53450.48	54034.46857	-583.9885658	-377.8185658	Varney-2018	-202.3885658
606406.24	5599976.01	89.4497546	54168.18	53619.92	53451.74	54034.46958	-582.7295803	-376.5595803	Varney-2018	-201.1295803
606406.26	5599976.07	89.45172836	54168.19	53618.72	53450.53	54034.46981	-583.9398115	-377.7698115	Varney-2018	-202.3398115
606406.11	5599975.8	89.43747194	54168.23	53620.09	53451.86	54034.46879	-582.6087905	-376.4387905	Varney-2018	-201.0087905
606406	5599975.68	89.42724958	54168.28	53619.37	53451.09	54034.46835	-583.3783509	-377.2083509	Varney-2018	-201.7783509
606406.09	5599975.78	89.43561953	54168.35	53620.05	53451.7	54034.46872	-582.7687178	-376.5987178	Varney-2018	-201.1687178
606406.2	5599975.9	89.4458362	54168.42	53619.84	53451.42	54034.46916	-583.0491575	-376.8791575	Varney-2018	-201.4491575
606406.49	5599976.24	89.47280958	54168.48	53618.58	53450.1	54034.47041	-584.3704113	-378.2004113	Varney-2018	-202.7704113
606406.19	5599975.82	89.44469343	54168.54	53619.62	53451.08	54034.46884	-583.3888439	-377.2188439	Varney-2018	-201.7888439
606406.25	5599975.89	89.45027871	54168.56	53619.21	53450.65	54034.4691	-583.8191018	-377.6491018	Varney-2018	-202.2191018
606406.31	5599975.96	89.45586181	54168.58	53619.49	53450.91	54034.46936	-583.5593598	-377.3893598	Varney-2018	-201.9593598
606406.47	5599976.29	89.47117343	54168.59	53618.72	53450.13	54034.47062	-584.3406158	-378.1706158	Varney-2018	-202.7406158
606406.55	5599976.25	89.47820239	54168.6	53619.11	53450.51	54034.47043	-583.9604318	-377.7904318	Varney-2018	-202.3604318
606406.32	5599975.98	89.45681767	54168.6	53620.39	53451.79	54034.46944	-582.6794358	-376.5094358	Varney-2018	-201.0794358
606406.39	5599976.03	89.46323138	54168.61	53619.9	53451.29	54034.46961	-583.1796114	-377.0096114	Varney-2018	-201.5796114
606406.52	5599976.21	89.47540049	54168.61	53619.71	53451.1	54034.47028	-583.3702829	-377.2002829	Varney-2018	-201.7702829
606406.59	5599976.29	89.48189731	54168.62	53619.6	53450.98	54034.47058	-583.4905776	-377.3205776	Varney-2018	-201.8905776
606406.83	5599976.71	89.50457762	54168.6	53618.81	53450.21	54034.47217	-584.262166	-378.092166	Varney-2018	-202.662166
606406.87	5599976.64	89.50794318	54168.58	53618.54	53449.96	54034.47188	-584.5118759	-378.3418759	Varney-2018	-202.9118759
606406.92	5599976.65	89.51243602	54168.58	53618.61	53450.03	54034.4719	-584.4418997	-378.2718997	Varney-2018	-202.8418997
606406.9	5599976.69	89.51076724	54168.57	53620.47	53451.9	54034.47206	-582.5720646	-376.4020646	Varney-2018	-200.9720646

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606407.08	5599977.15	89.52815429	54168.58	53620.88	53452.3	54034.47383	-582.1738321	-376.0038321	Varney-2018	-200.5738321
606406.71	5599976.73	89.49392618	54168.6	53621.18	53452.58	54034.47228	-581.8922832	-375.7222832	Varney-2018	-200.2922832
606406.78	5599976.75	89.50023271	54168.65	53621.75	53453.1	54034.47234	-581.3723404	-375.2023404	Varney-2018	-199.7723404
606406.76	5599976.8	89.49859543	54168.7	53622.73	53454.03	54034.47254	-580.4425449	-374.2725449	Varney-2018	-198.8425449
606407.03	5599976.98	89.52320717	54168.77	53621.38	53452.61	54034.47317	-581.8631736	-375.6931736	Varney-2018	-200.2631736
606407.04	5599976.89	89.52383984	54168.84	53620.68	53451.84	54034.47281	-582.6328135	-376.4628135	Varney-2018	-201.0328135
606406.65	5599976.82	89.48883944	54168.85	53622.39	53453.54	54034.47266	-580.9326588	-374.7626588	Varney-2018	-199.3326588
606406.49	5599976.73	89.47429092	54168.87	53622.03	53453.16	54034.47235	-581.3123526	-375.1423526	Varney-2018	-199.7123526
606406.62	5599976.82	89.48616261	54168.84	53621.77	53452.93	54034.47267	-581.5426683	-375.3726683	Varney-2018	-199.9426683
606406.47	5599975.91	89.47002266	54168.81	53621.08	53452.27	54034.46911	-582.1991103	-376.0291103	Varney-2018	-200.5991103
606406.51	5599976.21	89.47450662	54168.78	53620.85	53452.07	54034.47029	-582.4002861	-376.2302861	Varney-2018	-200.8002861
606406.13	5599975	89.4367683	54168.74	53620.78	53452.04	54034.46562	-582.4256166	-376.2556166	Varney-2018	-200.8256166
606406.06	5599975.11	89.43083405	54168.73	53622.25	53453.52	54034.46607	-580.946075	-374.776075	Varney-2018	-199.346075
606406.28	5599975.5	89.45176246	54168.72	53621.33	53452.61	54034.46755	-581.8575476	-375.6875476	Varney-2018	-200.2575476
606406.43	5599975.89	89.46638329	54168.72	53620.63	53451.91	54034.46904	-582.559044	-376.389044	Varney-2018	-200.959044
606406.57	5599976.26	89.48001993	54168.73	53622.21	53453.48	54034.47047	-580.9904651	-374.8204651	Varney-2018	-199.3904651
606404.66	5599975.65	89.30718166	54168.75	53622.49	53453.74	54034.46867	-580.7286651	-374.5586651	Varney-2018	-199.1286651
606405.56	5599975.56	89.38746693	54168.77	53620.61	53451.84	54034.46802	-582.6280183	-376.4580183	Varney-2018	-201.0280183
606405.85	5599975.35	89.41276826	54168.77	53620.36	53451.59	54034.46709	-582.8770934	-376.7070934	Varney-2018	-201.2770934
606405.81	5599975.24	89.40883182	54168.77	53620.46	53451.69	54034.46667	-582.7766711	-376.6066711	Varney-2018	-201.1766711
606405.74	5599975.16	89.4022996	54168.75	53620.26	53451.51	54034.46638	-582.9563774	-376.7863774	Varney-2018	-201.3563774
606405.34	5599975.13	89.36633593	54168.72	53621.03	53452.31	54034.46639	-582.1563894	-375.9863894	Varney-2018	-200.5563894
606405.46	5599975.3	89.3776556	54168.71	53622.02	53453.31	54034.46702	-581.1570225	-374.9870225	Varney-2018	-199.5570225
606405.49	5599975.47	89.3809025	54168.69	53621.69	53453	54034.46769	-581.467685	-375.297685	Varney-2018	-199.867685
606405.64	5599975.68	89.39502074	54168.73	53621.58	53452.85	54034.46847	-581.6184672	-375.4484672	Varney-2018	-200.0184672
606405.76	5599975.92	89.40653486	54168.77	53621.84	53453.07	54034.46938	-581.399378	-375.229378	Varney-2018	-199.799378
606405.86	5599976.1	89.41605476	54168.84	53621.59	53452.75	54034.47006	-581.7200583	-375.5500583	Varney-2018	-200.1200583
606405.94	5599976.34	89.42396791	54168.92	53621.85	53452.93	54034.47098	-581.5409826	-375.3709826	Varney-2018	-199.9409826
606405.94	5599976.54	89.42460118	54168.95	53622.06	53453.11	54034.47177	-581.3617742	-375.1917742	Varney-2018	-199.7617742
606406.12	5599976.75	89.44133039	54168.99	53622.32	53453.33	54034.47255	-581.1425486	-374.9725486	Varney-2018	-199.5425486
606406.32	5599976.91	89.45967036	54168.97	53620.02	53451.05	54034.47312	-583.4231192	-377.2531192	Varney-2018	-201.8231192
606406.34	5599977.02	89.46179129	54168.94	53620.84	53451.9	54034.47355	-582.5735486	-376.4035486	Varney-2018	-200.9735486
606406.33	5599976.62	89.45967361	54168.86	53623.32	53454.46	54034.47197	-580.0119675	-373.8419675	Varney-2018	-198.4119675
606406.71	5599976.1	89.49205769	54168.78	53620.52	53451.74	54034.46979	-582.7297863	-376.5597863	Varney-2018	-201.1297863
606407.23	5599975.93	89.53807243	54168.74	53618.41	53449.67	54034.46895	-584.7989455	-378.6289455	Varney-2018	-203.1989455
606407.4	5599976.34	89.55442287	54168.69	53617.95	53449.26	54034.47052	-585.2105178	-379.0405178	Varney-2018	-203.6105178
606407.49	5599976.57	89.56310004	54168.69	53618.51	53449.82	54034.4714	-584.651402	-378.481402	Varney-2018	-203.051402
606407.61	5599976.37	89.57326888	54168.7	53617.85	53449.15	54034.47057	-585.3205701	-379.1505701	Varney-2018	-203.7205701
606407.66	5599976.22	89.57732836	54168.73	53617.7	53448.97	54034.46996	-585.4999587	-379.3299587	Varney-2018	-203.8999587
606407.57	5599976.23	89.56931122	54168.76	53617.86	53449.1	54034.47003	-585.3700271	-379.2000271	Varney-2018	-203.7700271
606407.48	5599976.3	89.56146047	54168.84	53617.82	53448.98	54034.47033	-585.4903336	-379.3203336	Varney-2018	-203.8903336
606407.3	5599976.14	89.54492515	54168.92	53617.02	53448.1	54034.46976	-586.3697562	-380.1997562	Varney-2018	-204.7697562
606406.83	5599975.73	89.50170172	54168.97	53617.18	53448.21	54034.46828	-586.2582811	-380.0882811	Varney-2018	-204.6582811
606406.52	5599975.45	89.47310884	54169.03	53617	53447.97	54034.46727	-586.4972717	-380.3272717	Varney-2018	-204.8972717
606406.41	5599975.64	89.4638329	54169.05	53616.26	53447.21	54034.46806	-587.2580601	-381.0880601	Varney-2018	-205.6580601
606406.47	5599975.63	89.46917472	54169.07	53616.94	53447.87	54034.468	-586.5980011	-380.4280011	Varney-2018	-204.9980011
606406.55	5599975.41	89.47567607	54169.06	53616.82	53447.76	54034.4671	-586.7071035	-380.5371035	Varney-2018	-205.1071035
606406.27	5599975.51	89.45089755	54169.04	53617.42	53448.38	54034.46759	-586.0875905	-379.9175905	Varney-2018	-204.4875905
606406.42	5599975.7	89.46491073	54169.06	53618.14	53449.08	54034.46829	-585.3882945	-379.2182945	Varney-2018	-203.7882945
606406.52	5599975.76	89.47404359	54169.08	53621.31	53452.23	54034.4685	-582.2385	-376.0685	Varney-2018	-200.6385
606406.24	5599976.29	89.45061931	54169.13	53617.78	53448.65	54034.47069	-585.8206891	-379.6506891	Varney-2018	-204.2206891
606406.36	5599976.73	89.46268827	54169.18	53617.03	53447.85	54034.47239	-586.6223937	-380.4523937	Varney-2018	-205.0223937
606406.69	5599976.24	89.49068534	54169.21	53619.22	53450.01	54034.47035	-584.4603475	-378.2903475	Varney-2018	-202.8603475
606406.71	5599976.8	89.49413378	54169.24	53616.98	53447.74	54034.47256	-586.7325606	-380.5625606	Varney-2018	-205.1325606
606406.78	5599976.76	89.50026218	54169.24	53617.06	53447.82	54034.47238	-586.65238	-380.48238	Varney-2018	-205.05238
606406.45	5599976.93	89.47132759	54169.25	53616.96	53447.71	54034.47316	-586.7631576	-380.5931576	Varney-2018	-205.1631576
606406.5	5599976.49	89.47445851	54169.27	53618.87	53449.6	54034.4714	-584.8713986	-378.7013986	Varney-2018	-203.2713986
606406.52	5599976.44	89.47609401	54169.3	53617.66	53448.36	54034.47119	-586.1111942	-379.9411942	Varney-2018	-204.5111942
606406.62	5599976.47	89.48511636	54169.32	53617.73	53448.41	54034.47128	-586.0612813	-379.8912813	Varney-2018	-204.4612813
606406.77	5599976.4	89.49830767	54169.34	53617.67	53448.33	54034.47096	-586.1409562	-379.9709562	Varney-2018	-204.5409562
606406.97	5599976.36	89.51605916	54169.34	53617.31	53447.97	54034.47073	-586.500734	-380.330734	Varney-2018	-204.900734
606407.27	5599976.57	89.54345562	54169.33	53617.71	53448.38	54034.47147	-586.0914717	-379.9214717	Varney-2018	-204.4914717
606407.31	5599976.6	89.54711162	54169.34	53617.35	53448.01	54034.47158	-586.461578	-380.291578	Varney-2018	-204.861578
606407.3	5599976.65	89.54635938	54169.36	53618	53448.64	54034.47178	-585.8317796	-379.6617796	Varney-2018	-204.2317796

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606407.32	5599976.65	89.54814482	54169.38	53617.41	53448.03	54034.47177	-586.4417733	-380.2717733	Varney-2018	-204.8417733
606407.04	5599976.87	89.52378224	54169.4	53617.97	53448.57	54034.47273	-585.9027342	-379.7327342	Varney-2018	-204.3027342
606406.93	5599976.5	89.51289246	54169.4	53619.03	53449.63	54034.4713	-584.8413018	-378.6713018	Varney-2018	-203.2413018
606407.03	5599976.48	89.52176592	54169.4	53620.23	53450.83	54034.47119	-583.6411908	-377.4711908	Varney-2018	-202.0411908
606406.81	5599976.5	89.50217514	54169.39	53619.83	53450.44	54034.47134	-584.0313399	-377.8613399	Varney-2018	-202.4313399
606406.88	5599976.59	89.50868985	54169.37	53621.77	53452.4	54034.47167	-582.0716745	-375.9016745	Varney-2018	-200.4716745
606406.95	5599976.83	89.51563679	54169.34	53619.14	53449.8	54034.4726	-584.6726039	-378.5026039	Varney-2018	-203.0726039
606406.74	5599976.62	89.49627833	54169.31	53619.92	53450.61	54034.47184	-583.8618377	-377.6918377	Varney-2018	-202.2618377
606406.88	5599976.82	89.50936181	54169.32	53615.67	53446.35	54034.47259	-588.1225863	-381.9525863	Varney-2018	-206.5225863
606406.78	5599976.75	89.50023271	54169.33	53616.82	53447.49	54034.47234	-586.9823404	-380.8123404	Varney-2018	-205.3823404
606406.84	5599976.72	89.50549951	54169.4	53619.07	53449.67	54034.4722	-584.8022025	-378.6322025	Varney-2018	-203.2022025
606406.73	5599976.97	89.49642175	54169.47	53619.79	53450.32	54034.47323	-584.1532281	-377.9832281	Varney-2018	-202.5532281
606406.62	5599976.48	89.48514625	54169.56	53619.83	53450.27	54034.47132	-584.2013209	-378.0313209	Varney-2018	-202.6013209
606407.04	5599977.31	89.52504941	54169.66	53619.5	53449.84	54034.47448	-584.6344791	-378.4644791	Varney-2018	-203.0344791
606406.5	5599976.58	89.47473035	54169.7	53618.86	53449.16	54034.47176	-585.3117552	-379.1417552	Varney-2018	-203.7117552
606406.53	5599976.55	89.47731868	54169.75	53620.23	53450.48	54034.47163	-583.9916268	-377.8216268	Varney-2018	-202.3916268
606406.8	5599976.97	89.50266496	54169.72	53618.27	53448.55	54034.47321	-585.9232061	-379.7532061	Varney-2018	-204.3232061
606406.65	5599976.76	89.48866055	54169.69	53621.02	53451.33	54034.47242	-583.142421	-376.972421	Varney-2018	-201.542421
606406.83	5599976.97	89.50534062	54169.64	53618.78	53449.14	54034.4732	-585.3331967	-379.1631967	Varney-2018	-203.7331967
606406.69	5599976.46	89.49133897	54169.58	53619.11	53449.53	54034.47122	-584.9412194	-378.7712194	Varney-2018	-203.3412194
606406.68	5599976.5	89.4905647	54169.54	53620.01	53450.47	54034.47138	-584.0013811	-377.8313811	Varney-2018	-202.4013811
606406.61	5599977.1	89.48610806	54169.5	53617.96	53448.46	54034.47378	-586.013781	-379.843781	Varney-2018	-204.413781
606406.59	5599976.84	89.48354572	54169.5	53619.91	53450.41	54034.47276	-584.062757	-377.892757	Varney-2018	-202.462757
606406.71	5599977.06	89.49490491	54169.51	53617.69	53448.18	54034.47359	-586.2935911	-380.1235911	Varney-2018	-204.6935911
606406.5	5599976.59	89.47476056	54169.55	53618.89	53449.34	54034.47179	-585.1317948	-378.9617948	Varney-2018	-203.5317948
606406.71	5599976.97	89.49463798	54169.59	53619.18	53449.59	54034.47323	-584.8832344	-378.7132344	Varney-2018	-203.2832344
606406.65	5599977.07	89.48958481	54169.64	53618.65	53449.01	54034.47365	-585.4636495	-379.2936495	Varney-2018	-203.8636495
606406.7	5599977.01	89.49386483	54169.69	53618.85	53449.16	54034.4734	-585.3133961	-379.1433961	Varney-2018	-203.7133961
606406.74	5599976.91	89.49713616	54169.7	53620.01	53450.31	54034.47299	-584.1629872	-377.9929872	Varney-2018	-202.5629872
606406.63	5599976.88	89.48723409	54169.71	53619.72	53450.01	54034.4729	-584.4629029	-378.2929029	Varney-2018	-202.8629029
606406.58	5599976.24	89.48085367	54169.72	53620.78	53451.06	54034.47038	-583.4103826	-377.2403826	Varney-2018	-201.8103826
606406.64	5599976.07	89.4857091	54169.73	53621.26	53451.53	54034.46969	-582.9396898	-376.7696898	Varney-2018	-201.3396898
606406.63	5599975.93	89.48439674	54169.73	53618.01	53448.28	54034.46914	-586.1891382	-380.0191382	Varney-2018	-204.5891382
606406.76	5599976.18	89.49676468	54169.73	53616.06	53446.33	54034.47009	-588.1400874	-381.9700874	Varney-2018	-206.5400874
606406.6	5599975.86	89.48150334	54169.76	53619.14	53449.38	54034.46887	-585.0888704	-378.9188704	Varney-2018	-203.4888704
606406.64	5599975.75	89.4847542	54169.8	53617.69	53447.89	54034.46842	-586.5784217	-380.4084217	Varney-2018	-204.9784217
606406.87	5599976.05	89.50621792	54169.87	53617.18	53447.31	54034.46954	-587.1595369	-380.9895369	Varney-2018	-205.5595369
606406.8	5599975.53	89.49842789	54169.95	53618.42	53448.47	54034.4675	-585.997498	-379.827498	Varney-2018	-204.397498
606406.96	5599975.53	89.51275807	54170	53618.47	53448.47	54034.46745	-585.9974462	-379.8274462	Varney-2018	-204.3974462
606406.86	5599975.65	89.50415292	54170.05	53618.12	53448.07	54034.46795	-586.3979543	-380.2279543	Varney-2018	-204.7979543
606406.76	5599975.73	89.49543591	54170.05	53615.89	53445.84	54034.4683	-588.6283037	-382.4583037	Varney-2018	-207.0283037
606406.85	5599975.47	89.5027303	54170.05	53619.06	53449.01	54034.46724	-585.4572439	-379.2872439	Varney-2018	-203.8572439
606406.84	5599975.57	89.50212771	54170.02	53617.52	53447.5	54034.46764	-586.9676436	-380.7976436	Varney-2018	-205.3676436
606406.97	5599975.8	89.5144362	54169.98	53616.79	53446.81	54034.46851	-587.6585135	-381.4885135	Varney-2018	-206.0585135
606406.96	5599975.61	89.51299013	54169.97	53617.07	53447.1	54034.46776	-587.3677634	-381.1977634	Varney-2018	-205.7677634
606406.84	5599975.26	89.50121879	54169.96	53618.97	53449.01	54034.46641	-585.4564147	-379.2864147	Varney-2018	-203.8564147
606406.81	5599975.27	89.49855917	54169.98	53618.45	53448.47	54034.46646	-585.9964641	-379.8264641	Varney-2018	-204.3964641
606406.89	5599975.4	89.50610915	54170	53618.64	53448.64	54034.46695	-585.8269535	-379.6569535	Varney-2018	-204.2269535
606406.97	5599975.21	89.5127263	54170.07	53619.02	53448.95	54034.46617	-585.5161741	-379.3461741	Varney-2018	-203.9161741
606406.87	5599974.99	89.50311828	54170.14	53617.77	53447.63	54034.46533	-586.8353345	-380.6653345	Varney-2018	-205.2353345
606406.93	5599975.39	89.50966396	54170.19	53618.03	53447.84	54034.4669	-586.6269008	-380.4569008	Varney-2018	-205.0269008
606406.53	5599974.89	89.47231756	54170.24	53618.99	53448.75	54034.46505	-585.7150497	-379.5450497	Varney-2018	-204.1150497
606405.88	5599975.68	89.41650663	54170.25	53618.4	53448.15	54034.46839	-586.3183897	-380.1483897	Varney-2018	-204.7183897
606403.96	5599976.46	89.24749138	54170.27	53622.29	53452.02	54034.47209	-582.4520862	-376.2820862	Varney-2018	-200.8520862
606402.16	5599975.87	89.08426383	54170.26	53626.61	53456.35	54034.47034	-578.1203379	-371.9503379	Varney-2018	-196.5203379
606400.38	5599974.97	88.92084535	54170.25	53627.9	53457.65	54034.46738	-576.8173826	-370.6473826	Varney-2018	-195.2173826
606398.62	5599974.33	88.75971026	54170.27	53629.06	53458.79	54034.46546	-575.6754587	-369.5054587	Varney-2018	-194.0754587
606397.95	5599972.92	88.69209498	54170.29	53636.5	53466.21	54034.46018	-568.2501782	-362.0801782	Varney-2018	-186.6501782
606397.16	5599971.64	88.61382327	54170.33	53656	53485.67	54034.45546	-548.7854597	-342.6154597	Varney-2018	-167.1854597
606396.94	5599971.98	88.59576982	54170.37	53658.27	53487.9	54034.45686	-546.5568615	-340.3868615	Varney-2018	-164.9568615
606396.34	5599972.3	88.54329018	54170.4	53657.94	53487.54	54034.45832	-546.9183159	-340.7483159	Varney-2018	-165.3183159
606395.97	5599972.79	88.5126641	54170.44	53662.29	53491.85	54034.46035	-542.6103497	-336.4403497	Varney-2018	-161.0103497
606395.24	5599975.82	88.46479849	54170.46	53646.18	53475.72	54034.47237	-558.7523689	-352.5823689	Varney-2018	-177.1523689
606394.75	5599974.91	88.41541623	54170.49	53652.76	53482.27	54034.469	-552.1989951	-346.0289951	Varney-2018	-170.5989951

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606395.29	5599974.17	88.45947241	54170.48	53638.36	53467.88	54034.46594	-566.5859434	-360.4159434	Varney-2018	-184.9859434
606395.84	5599973.42	88.50457984	54170.47	53651.35	53480.88	54034.46284	-553.5828439	-347.4128439	Varney-2018	-171.9828439
606396.39	5599972.68	88.54995865	54170.44	53648.29	53477.85	54034.45978	-556.6097776	-350.4397776	Varney-2018	-175.0097776
606395.4	5599973.11	88.46309766	54170.4	53659.88	53489.48	54034.46179	-544.9817884	-338.8117884	Varney-2018	-163.3817884
606394.26	5599972.1	88.35400671	54170.37	53667.09	53496.72	54034.45826	-537.7382606	-331.5682606	Varney-2018	-156.1382606
606393.15	5599972.08	88.25346968	54170.33	53663.31	53492.98	54034.45857	-541.478569	-335.308569	Varney-2018	-159.878569
606393.12	5599971.8	88.24893448	54170.34	53660.63	53490.29	54034.4575	-544.167496	-337.997496	Varney-2018	-162.567496
606392.92	5599971.03	88.22577872	54170.36	53660.81	53490.45	54034.45459	-544.0045875	-337.8345875	Varney-2018	-162.4045875
606392.76	5599970.18	88.2056523	54170.4	53662.77	53492.37	54034.45136	-542.0813573	-335.9113573	Varney-2018	-160.4813573
606392.37	5599970.5	88.17232317	54170.44	53663.49	53493.05	54034.45273	-541.4027346	-335.2327346	Varney-2018	-159.8027346
606392.89	5599969.7	88.21432565	54170.49	53665.23	53494.74	54034.44945	-539.7094538	-333.5394538	Varney-2018	-158.1094538
606392.6	5599969.74	88.18817753	54170.54	53666.15	53495.61	54034.44971	-538.8397141	-332.6697141	Varney-2018	-157.2397141
606392.33	5599968.68	88.15647513	54170.57	53669.7	53499.13	54034.44572	-535.3157164	-329.1457164	Varney-2018	-153.7157164
606392.25	5599968.37	88.14708062	54170.6	53670.38	53499.78	54034.44455	-534.6645485	-328.4945485	Varney-2018	-153.0645485
606392.03	5599968.43	88.12737375	54170.59	53668.78	53498.19	54034.44486	-536.2548623	-330.0848623	Varney-2018	-154.6548623
606391.75	5599967.72	88.09690655	54170.57	53667.97	53497.4	54034.44223	-537.0422261	-330.8722261	Varney-2018	-155.4422261
606391.26	5599967.7	88.05188404	54170.55	53664.11	53493.56	54034.44233	-540.8823341	-334.7123341	Varney-2018	-159.2823341
606391.49	5599967.25	88.06983449	54170.52	53665.83	53495.31	54034.44051	-539.130511	-332.960511	Varney-2018	-157.530511
606391.16	5599968.56	88.04875682	54170.5	53668.59	53498.09	54034.44569	-536.3556881	-330.1856881	Varney-2018	-154.7556881
606390.81	5599968.23	88.0144292	54170.48	53667.35	53496.87	54034.44455	-537.5745466	-331.4045466	Varney-2018	-155.9745466
606390.68	5599968.1	88.00161058	54170.48	53667.96	53497.48	54034.44409	-536.9640944	-330.7940944	Varney-2018	-155.3640944
606390.47	5599968.54	87.98556164	54170.48	53667.04	53496.56	54034.44587	-537.8858678	-331.7158678	Varney-2018	-156.2858678
606390.02	5599969.16	87.94897235	54170.5	53665.52	53495.02	54034.44842	-539.428421	-333.258421	Varney-2018	-157.828421
606389.49	5599969.18	87.90077346	54170.52	53664.13	53493.61	54034.44869	-540.8386929	-334.6686929	Varney-2018	-159.2386929
606389.57	5599968.19	87.90071592	54170.55	53664.53	53493.98	54034.44486	-540.464857	-334.294857	Varney-2018	-158.864857
606388.93	5599968.16	87.84194403	54170.59	53663.89	53493.3	54034.44498	-541.1449815	-334.9749815	Varney-2018	-159.5449815
606388.83	5599968.34	87.83416769	54170.62	53664.49	53493.87	54034.44571	-540.5757102	-334.4057102	Varney-2018	-158.9757102
606388.45	5599968.08	87.7974146	54170.66	53665.73	53495.07	54034.44485	-539.3748545	-333.2048545	Varney-2018	-157.7748545
606388.85	5599967.15	87.82693252	54170.67	53664.78	53494.11	54034.44113	-540.3311331	-334.1611331	Varney-2018	-158.7311331
606387.64	5599967.6	87.71948936	54170.68	53665.41	53494.73	54034.44332	-539.7133193	-333.5433193	Varney-2018	-158.1133193
606388.14	5599967.22	87.76233909	54170.69	53666.73	53496.04	54034.44167	-538.4016726	-332.2316726	Varney-2018	-156.8016726
606387.26	5599967.71	87.68555385	54170.7	53668.3	53497.6	54034.44388	-536.8438844	-330.6738844	Varney-2018	-155.2438844
606387.56	5599966.97	87.70714891	54170.7	53666.3	53495.6	54034.44094	-538.840936	-332.670936	Varney-2018	-157.240936
606387.86	5599966.85	87.73374178	54170.7	53670.08	53499.38	54034.44036	-535.0603611	-328.8903611	Varney-2018	-153.4603611
606386.66	5599967.35	87.62764652	54170.72	53665.24	53494.52	54034.44273	-539.9227342	-333.7527342	Varney-2018	-158.3227342
606385.92	5599969.55	87.57822847	54170.74	53666.63	53495.89	54034.45142	-538.5614192	-332.3914192	Varney-2018	-156.9614192
606385.42	5599969.58	87.53292333	54170.78	53669.88	53499.1	54034.45172	-535.3517163	-329.1817163	Varney-2018	-153.7517163
606385.23	5599969.56	87.51544066	54170.83	53663.52	53492.69	54034.45171	-541.7617093	-335.5917093	Varney-2018	-160.1617093
606384.76	5599969.53	87.47235463	54170.86	53664.94	53494.08	54034.45177	-540.3717666	-334.2017666	Varney-2018	-158.7717666
606384.6	5599968.47	87.44852761	54170.9	53664.24	53493.34	54034.44779	-541.1077858	-334.9377858	Varney-2018	-159.5077858
606383.76	5599967.92	87.36683164	54170.9	53662.77	53491.87	54034.44601	-542.5760061	-336.4060061	Varney-2018	-160.9760061
606383.3	5599967.08	87.31710874	54170.91	53660.17	53489.26	54034.44299	-545.1829859	-339.0129859	Varney-2018	-163.5829859
606382.69	5599965.79	87.2492378	54170.88	53659.76	53488.88	54034.43832	-545.5583204	-339.3883204	Varney-2018	-163.9583204
606383	5599966.19	87.28144484	54170.85	53650.68	53479.83	54034.43972	-554.609719	-348.439719	Varney-2018	-173.009719
606382.84	5599966.13	87.2661746	54170.83	53644.49	53473.66	54034.43955	-560.7795532	-354.6095532	Varney-2018	-179.1795532
606379.76	5599965.15	86.97299517	54170.8	53649.96	53479.16	54034.43705	-555.2770492	-349.1070492	Varney-2018	-173.6770492
606378.23	5599964.87	86.82892015	54170.8	53675.54	53504.74	54034.4366	-529.6965998	-323.5265998	Varney-2018	-148.0965998
606375.26	5599964.51	86.55065559	54170.79	53681.13	53510.34	54034.43643	-524.0964318	-317.9264318	Varney-2018	-142.4964318
606371.47	5599975.23	86.3305017	54170.8	53673.05	53502.25	54034.47783	-532.2278255	-326.0578255	Varney-2018	-150.6278255
606371.47	5599972.14	86.29298114	54170.82	53657.53	53486.71	54034.46633	-547.7563309	-341.5863309	Varney-2018	-166.1563309
606369.26	5599971.14	86.08037649	54170.83	53633.85	53463.02	54034.46339	-571.4433938	-365.2733938	Varney-2018	-189.8433938
606370	5599964.39	86.06295328	54170.84	53628.97	53458.13	54034.43809	-576.3080907	-370.1380907	Varney-2018	-194.7080907
606369.61	5599963.63	86.01729563	54170.84	53627.58	53456.74	54034.43543	-577.6954297	-371.5254297	Varney-2018	-196.0954297
606369.08	5599963.18	85.96244029	54170.83	53628.82	53457.99	54034.43398	-576.4439783	-370.2739783	Varney-2018	-194.8439783
606369.85	5599963.13	86.03325241	54170.8	53626.13	53455.33	54034.43348	-579.1034778	-372.9334778	Varney-2018	-197.5034778
606368.34	5599962.03	85.87888205	54170.77	53626.07	53455.3	54034.43003	-579.1300281	-372.9600281	Varney-2018	-197.5300281
606367.4	5599961.04	85.77831726	54170.76	53622.75	53451.99	54034.42677	-582.4367653	-376.2667653	Varney-2018	-200.8367653
606367.64	5599961.35	85.80479151	54170.75	53623.73	53452.98	54034.42781	-581.4478085	-375.2778085	Varney-2018	-199.8478085
606367.23	5599959.49	85.7419176	54170.78	53628.06	53457.28	54034.42112	-577.1411169	-370.9711169	Varney-2018	-195.5411169
606366.95	5599959.38	85.71420509	54170.82	53622.73	53451.91	54034.42083	-582.5108328	-376.3408328	Varney-2018	-200.9108328
606366.03	5599958.51	85.61614093	54170.84	53627.89	53457.05	54034.41803	-577.3680298	-371.1980298	Varney-2018	-195.7680298
606365.6	5599958.64	85.5775	54170.86	53632.79	53461.93	54034.4187	-572.4886979	-366.3186979	Varney-2018	-190.8886979
606364.36	5599958.95	85.49709148	54170.87	53632.91	53462.04	54034.41954	-572.3795394	-366.2095394	Varney-2018	-190.7795394
606363.5	5599958.48	85.44674719	54170.88	53620.1	53449.22	54034.41721	-585.1972102	-379.0272102	Varney-2018	-203.5972102

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606363.56	5599958.16	85.44536504	54170.87	53627.31	53456.44	54034.41608	-577.9760766	-371.8060766	Varney-2018	-196.3760766
606362.49	5599956.95	85.37394671	54170.86	53616.03	53445.17	54034.41088	-589.2408844	-383.0708844	Varney-2018	-207.6408844
606361.95	5599957.96	85.36047476	54170.84	53615.07	53444.23	54034.41422	-590.184216	-384.014216	Varney-2018	-208.584216
606362.99	5599958.11	85.4156037	54170.81	53621.87	53451.06	54034.41549	-583.3554942	-377.1854942	Varney-2018	-201.7554942
606362.74	5599959.21	85.4181646	54170.82	53616.1	53445.28	54034.41936	-589.1393595	-382.9693595	Varney-2018	-207.5393595
606360.62	5599960.3	85.32545406	54170.84	53618.17	53447.33	54034.42187	-587.091874	-380.921874	Varney-2018	-205.491874
606360.64	5599960.68	85.33180008	54170.89	53619.15	53448.26	54034.42328	-586.1632827	-379.9932827	Varney-2018	-204.5632827
606358.84	5599959.8	85.22781925	54170.94	53619.27	53448.33	54034.41879	-586.0887901	-379.9187901	Varney-2018	-204.4887901
606356.85	5599959.98	85.12906191	54170.99	53618.12	53447.13	54034.41805	-587.2880536	-381.1180536	Varney-2018	-205.6880536
606352.93	5599960.7	84.93989158	54171.04	53617.04	53446	54034.41794	-588.4179374	-382.2479374	Varney-2018	-206.8179374
606356.3	5599956.17	85.04682508	54171.07	53607.36	53436.29	54034.40371	-598.1137062	-391.9437062	Varney-2018	-216.5137062
606355.66	5599954.3	84.98744564	54171.11	53610.97	53439.86	54034.39641	-594.5364093	-388.3664093	Varney-2018	-212.9364093
606354.9	5599952.52	84.92308225	54171.06	53616.42	53445.36	54034.38936	-589.0293621	-382.8593621	Varney-2018	-207.4293621
606354.87	5599951.92	84.91295994	54171.01	53612.6	53441.59	54034.38714	-592.7971438	-386.6271438	Varney-2018	-211.1971438
606354.13	5599951.9	84.87470999	54170.95	53644.61	53473.66	54034.38656	-560.726559	-354.556559	Varney-2018	-179.126559
606353.73	5599953.19	84.87271761	54170.89	53656.32	53485.43	54034.39101	-548.9610053	-342.7910053	Varney-2018	-167.3610053
606352.28	5599953.74	84.8063607	54170.86	53666.83	53495.97	54034.39201	-538.422013	-332.252013	Varney-2018	-156.822013
606352.79	5599952.35	84.81244908	54170.82	53680.07	53509.25	54034.38728	-525.1372796	-318.9672796	Varney-2018	-143.5372796
606352.13	5599951.94	84.77268279	54170.87	53690.2	53519.33	54034.38532	-515.0553228	-308.8853228	Varney-2018	-133.4553228
606352.79	5599952.59	84.81590741	54170.93	53690.71	53519.78	54034.38816	-514.608158	-308.438158	Varney-2018	-133.008158
606352.85	5599952.79	84.82186486	54171	53690.74	53519.74	54034.38893	-514.6489315	-308.4789315	Varney-2018	-133.0489315
606352.46	5599952.64	84.79971016	54171.07	53691.59	53520.52	54034.38811	-513.8681125	-307.6981125	Varney-2018	-132.2681125
606353.37	5599951.63	84.83183725	54171.14	53685.4	53514.26	54034.38505	-520.1250453	-313.9550453	Varney-2018	-138.5250453
606351.6	5599952.61	84.75518744	54171.21	53701.73	53530.52	54034.38741	-503.8674074	-297.6974074	Varney-2018	-122.2674074
606350.47	5599953.45	84.70945578	54171.21	53710.05	53538.84	54034.3897	-495.5496969	-289.3796969	Varney-2018	-113.9496969
606350.3	5599953.17	84.69667822	54171.2	53716.51	53545.31	54034.38856	-489.0785552	-282.9085552	Varney-2018	-107.4785552
606349.99	5599952.42	84.66988286	54171.13	53722.96	53551.83	54034.3856	-482.5555983	-276.3855983	Varney-2018	-100.9555983
606349.67	5599952.52	84.65493069	54171.06	53723.21	53552.15	54034.38574	-482.2357424	-276.0657424	Varney-2018	-100.6357424
606349.78	5599954.93	84.69565646	54171.02	53719.48	53548.46	54034.39463	-485.9346292	-279.7646292	Varney-2018	-104.3346292
606349.56	5599953.71	84.66662829	54170.98	53725.48	53554.5	54034.39002	-479.8900164	-273.7200164	Varney-2018	-98.29001645
606349.49	5599952.43	84.64439021	54170.98	53719.21	53548.23	54034.38529	-486.1552889	-279.9852889	Varney-2018	-104.5552889
606348.68	5599953.18	84.61381605	54170.98	53719.18	53548.2	54034.38747	-486.1874692	-280.0174692	Varney-2018	-104.5874692
606347.09	5599952.81	84.52690992	54171.06	53714.47	53543.41	54034.38502	-490.975016	-284.805016	Varney-2018	-109.375016
606346.03	5599952.6	84.4694808	54171.14	53717.67	53546.53	54034.38352	-487.8535153	-281.6835153	Varney-2018	-106.2535153
606344.53	5599951.54	84.37687204	54171.2	53722.57	53551.37	54034.37861	-483.008609	-276.838609	Varney-2018	-101.408609
606343.54	5599950.92	84.31684757	54171.27	53719.85	53548.58	54034.37566	-485.7956635	-279.6256635	Varney-2018	-104.1956635
606342.18	5599951.93	84.26209375	54171.26	53715.67	53544.41	54034.37841	-489.9684075	-283.7984075	Varney-2018	-108.3684075
606342.31	5599952.91	84.28339194	54171.25	53709.86	53538.61	54034.38207	-495.7720705	-289.6020705	Varney-2018	-114.1720705
606341.89	5599951.88	84.24646905	54171.17	53698.99	53527.82	54034.37802	-506.5580247	-300.3880247	Varney-2018	-124.9580247
606339.92	5599951.18	84.13486927	54171.08	53668.48	53497.4	54034.37411	-536.9741128	-330.8041128	Varney-2018	-155.3741128
606338.38	5599948.49	84.01513099	54171.02	53651.61	53480.59	54034.36326	-553.7732556	-347.6032556	Varney-2018	-172.1732556
606336.07	5599951.38	83.94026506	54170.95	53645	53474.05	54034.37218	-560.3221825	-354.1521825	Varney-2018	-178.7221825
606334.84	5599950.98	83.87101273	54170.96	53654.35	53483.39	54034.36988	-550.9798785	-344.8098785	Varney-2018	-169.3798785
606333.52	5599950.83	83.80092918	54170.98	53670.87	53499.89	54034.36842	-534.4784224	-328.3084224	Varney-2018	-152.8784224
606330.66	5599953.84	83.70071799	54171.05	53677.6	53506.55	54034.37738	-527.827378	-321.657378	Varney-2018	-146.227378
606329.2	5599957.31	83.68000334	54171.13	53683.67	53512.54	54034.38896	-521.8489572	-315.6789572	Varney-2018	-140.2489572
606327.39	5599959.87	83.62773206	54171.19	53680.6	53509.41	54034.39698	-524.986977	-318.816977	Varney-2018	-143.386977
606323.73	5599968.81	83.58306818	54171.26	53673.5	53502.24	54034.42679	-532.1867865	-326.0167865	Varney-2018	-150.5867865
606323.16	5599970.91	83.58763746	54171.26	53676.21	53504.95	54034.43398	-529.4839839	-323.3139839	Varney-2018	-147.8839839
606322.94	5599972.83	83.60705651	54171.27	53673.39	53502.12	54034.44078	-532.3207779	-326.1507779	Varney-2018	-150.7207779
606324.59	5599974.99	83.72413406	54171.24	53673.59	53502.35	54034.44979	-532.0997892	-325.9297892	Varney-2018	-150.4997892
606319.51	5599981.92	83.33917314	54171.2	53679.6	53508.4	54034.47759	-526.0775881	-319.9075881	Varney-2018	-144.4775881
606317.73	5599989.13	82.9328412	54171.17	53668.79	53497.62	54034.51386	-536.8938588	-330.7238588	Varney-2018	-155.2938588
606315.25	5599993.09	82.63435925	54171.13	53652.96	53481.83	54034.53269	-552.7026945	-346.5326945	Varney-2018	-171.1026945
606315.21	5599995.56	82.52363633	54171.11	53649.88	53478.77	54034.54553	-555.775534	-349.605534	Varney-2018	-174.175534
606313.55	5600001.47	82.18028185	54171.08	53645.46	53474.38	54034.57513	-560.1951253	-354.0251253	Varney-2018	-178.5951253
606314.8	5599998.85	82.35827483	54171.05	53645.39	53474.34	54034.56238	-560.2223782	-354.0523782	Varney-2018	-178.6223782
606315.01	5600000.34	82.30321491	54171.02	53644.53	53473.51	54034.57029	-561.0602928	-354.8902928	Varney-2018	-179.4602928
606314.9	5600003.29	82.16784956	54171.02	53650.15	53479.13	54034.58558	-555.4555825	-349.2855825	Varney-2018	-173.8555825
606305.33	5600005.1	81.60823649	54171.03	53652.13	53481.1	54034.5881	-553.4881041	-347.3181041	Varney-2018	-171.8881041
606304.56	5600006.83	81.49338288	54171.08	53657.33	53486.25	54034.59656	-548.3465638	-342.1765638	Varney-2018	-166.7465638
606297.94	5599999.62	81.47929336	54171.13	53638.94	53467.81	54034.55421	-566.744207	-360.574207	Varney-2018	-185.144207
606295.75	5600001.48	81.28747556	54171.19	53625.16	53453.97	54034.56232	-580.5923196	-374.4223196	Varney-2018	-198.9923196
606291.31	5600013.31	80.54279421	54171.25	53612.25	53441	54034.62078	-593.6207818	-387.4507818	Varney-2018	-212.0207818

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606288.28	5600020	79.99597065	54171.26	53603.63	53432.37	54034.65611	-602.2861123	-396.1161123	Varney-2018	-220.6861123
606286.06	5600023.22	79.50250218	54171.27	53589.3	53418.03	54034.67766	-616.6476637	-410.4776637	Varney-2018	-235.0476637
606279.86	5600033.44	78.07034474	54171.29	53572.12	53400.83	54034.74425	-633.9142455	-427.7442455	Varney-2018	-252.3142455
606276.14	5600036.93	77.32772793	54171.32	53556.71	53385.39	54034.77042	-649.3804199	-443.2104199	Varney-2018	-267.7804199
606273.84	5600037.81	76.92497606	54171.35	53559.93	53388.58	54034.77994	-646.1999419	-440.0299419	Varney-2018	-264.5999419
606271.2	5600058.32	75.43175989	54171.38	53557.65	53386.27	54034.89704	-648.6270427	-442.4570427	Varney-2018	-267.0270427
606269.78	5600060.31	75.05800178	54171.4	53546.49	53375.09	54034.91209	-659.8220882	-453.6520882	Varney-2018	-278.2220882
606305.01	5599947.43	82.27976767	54171.42	53540.88	53369.46	54034.33652	-664.8765222	-458.7065222	Varney-2018	-283.2765222
606304.85	5599945.47	82.23863743	54171.39	53537.61	53366.22	54034.32936	-668.1093624	-461.9393624	Varney-2018	-286.5093624
606304.85	5599945.47	82.23863743	54171.35	53538.79	53367.44	54034.32936	-666.8893624	-460.7193624	Varney-2018	-285.2893624
606304.85	5599945.47	82.23863743	54171.32	53541.2	53369.88	54034.32936	-664.4493624	-458.2793624	Varney-2018	-282.8493624
606304.85	5599945.47	82.23863743	54171.29	53548.27	53376.98	54034.32936	-657.3493624	-451.1793624	Varney-2018	-275.7493624
606304.85	5599945.47	82.23863743	54171.29	53554.98	53383.69	54034.32936	-650.6393624	-444.4693624	Varney-2018	-269.0393624
606304.85	5599945.47	82.23863743	54171.29	53568.95	53397.66	54034.32936	-636.6693624	-430.4993624	Varney-2018	-255.0693624
606304.85	5599945.47	82.23863743	54171.32	53578.76	53407.44	54034.32936	-626.8893624	-420.7193624	Varney-2018	-245.2893624
606304.85	5599945.47	82.23863743	54171.36	53606.02	53434.66	54034.32936	-599.6693624	-393.4993624	Varney-2018	-218.0693624
606304.85	5599945.47	82.23863743	54171.43	53631.44	53460.01	54034.32936	-574.3193624	-368.1493624	Varney-2018	-192.7193624
606304.85	5599945.47	82.23863743	54171.51	53635.6	53464.09	54034.32936	-570.2393624	-364.0693624	Varney-2018	-188.6393624
606304.85	5599945.47	82.23863743	54171.59	53629.98	53458.39	54034.32936	-575.9393624	-369.7693624	Varney-2018	-194.3393624
606304.85	5599945.47	82.23863743	54171.67	53624.11	53452.44	54034.32936	-581.8893624	-375.7193624	Varney-2018	-200.2893624
606304.85	5599945.47	82.23863743	54171.7	53626.41	53454.71	54034.32936	-579.6193624	-373.4493624	Varney-2018	-198.0193624
606304.85	5599945.47	82.23863743	54171.73	53627.9	53456.17	54034.32936	-578.1593624	-371.9893624	Varney-2018	-196.5593624
606304.85	5599945.47	82.23863743	54171.7	53625.92	53454.22	54034.32936	-580.1093624	-373.9393624	Varney-2018	-198.5093624
606304.85	5599945.47	82.23863743	54171.66	53616.43	53444.77	54034.32936	-589.5593624	-383.3893624	Varney-2018	-207.9593624
606304.85	5599945.47	82.23863743	54171.59	53631.93	53460.34	54034.32936	-573.9893624	-367.8193624	Varney-2018	-192.3893624
606304.85	5599945.47	82.23863743	54171.51	53630.8	53459.29	54034.32936	-575.0393624	-368.8693624	Varney-2018	-193.4393624
606304.85	5599945.47	82.23863743	54171.48	53645.39	53473.91	54034.32936	-560.4193624	-354.2493624	Varney-2018	-178.8193624
606304.85	5599945.47	82.23863743	54171.44	53652.2	53480.76	54034.32936	-553.5693624	-347.3993624	Varney-2018	-171.9693624
606304.85	5599945.47	82.23863743	54171.47	53658.76	53487.29	54034.32936	-547.0393624	-340.8693624	Varney-2018	-165.4393624
606304.85	5599945.47	82.23863743	54171.5	53666.08	53494.58	54034.32936	-539.7493624	-333.5793624	Varney-2018	-158.1493624
606304.85	5599945.47	82.23863743	54171.56	53665.47	53493.91	54034.32936	-540.4193624	-334.2493624	Varney-2018	-158.8193624
606304.85	5599945.47	82.23863743	54171.63	53661.98	53490.35	54034.32936	-543.9793624	-337.8093624	Varney-2018	-162.3793624
606304.85	5599945.47	82.23863743	54171.66	53655.36	53483.7	54034.32936	-550.6293624	-344.4593624	Varney-2018	-169.0293624
606304.85	5599945.47	82.23863743	54171.69	53650.81	53479.12	54034.32936	-555.2093624	-349.0393624	Varney-2018	-173.6093624
606304.85	5599945.47	82.23863743	54171.69	53654.91	53483.22	54034.32936	-551.1093624	-344.9393624	Varney-2018	-169.5093624
606304.85	5599945.47	82.23863743	54171.7	53656.34	53484.64	54034.32936	-549.6893624	-343.5193624	Varney-2018	-168.0893624
606304.85	5599945.47	82.23863743	54171.69	53664.41	53492.72	54034.32936	-541.6093624	-335.4393624	Varney-2018	-160.0093624
606304.85	5599945.47	82.23863743	54171.67	53679.4	53507.73	54034.32936	-526.5993624	-320.4293624	Varney-2018	-144.9993624
606304.85	5599945.47	82.23863743	54171.68	53687.05	53515.37	54034.32936	-518.9593624	-312.7893624	Varney-2018	-137.3593624
606304.85	5599945.47	82.23863743	54171.69	53708.42	53536.73	54034.32936	-497.5993624	-291.4293624	Varney-2018	-115.9993624
606304.85	5599945.47	82.23863743	54171.72	53728.9	53557.18	54034.32936	-477.1493624	-270.9793624	Varney-2018	-95.54936244
606304.85	5599945.47	82.23863743	54171.76	53741.42	53569.66	54034.32936	-464.6693624	-258.4993624	Varney-2018	-83.06936244
606304.85	5599945.47	82.23863743	54171.8	53776.77	53604.97	54034.32936	-429.3593624	-223.1893624	Varney-2018	-47.75936244
606304.85	5599945.47	82.23863743	54171.84	53787.47	53615.63	54034.32936	-418.6993624	-212.5293624	Varney-2018	-37.09936244
606304.85	5599945.47	82.23863743	54171.86	53822.45	53650.59	54034.32936	-383.7393624	-177.5693624	Varney-2018	-2.139362444
606304.85	5599945.47	82.23863743	54171.88	53842.81	53670.93	54034.32936	-363.3993624	-157.2293624	Varney-2018	18.20063756
606304.85	5599945.47	82.23863743	54171.88	53839.89	53668.01	54034.32936	-366.3193624	-160.1493624	Varney-2018	15.28063756
606304.85	5599945.47	82.23863743	54171.87	53832.69	53660.82	54034.32936	-373.5093624	-167.3393624	Varney-2018	8.090637556
606304.85	5599945.47	82.23863743	54171.82	53844.85	53673.03	54034.32936	-361.2993624	-155.1293624	Varney-2018	20.30063756
606304.85	5599945.47	82.23863743	54171.76	53853.61	53681.85	54034.32936	-352.4793624	-146.3093624	Varney-2018	29.12063756
606304.85	5599945.47	82.23863743	54171.75	53854.93	53683.18	54034.32936	-351.1493624	-144.9793624	Varney-2018	30.45063756
606304.85	5599945.47	82.23863743	54171.74	53873.31	53701.57	54034.32936	-332.7593624	-126.5893624	Varney-2018	48.84063756
606304.85	5599945.47	82.23863743	54171.75	53883.07	53711.32	54034.32936	-323.0093624	-116.8393624	Varney-2018	58.59063756
606304.85	5599945.47	82.23863743	54171.77	53883.74	53711.97	54034.32936	-322.3593624	-116.1893624	Varney-2018	59.24063756
606304.85	5599945.47	82.23863743	54171.83	53883.67	53711.84	54034.32936	-322.4893624	-116.3193624	Varney-2018	59.11063756
606304.85	5599945.47	82.23863743	54171.89	53879.3	53707.41	54034.32936	-326.9193624	-120.7493624	Varney-2018	54.68063756
606304.85	5599945.47	82.23863743	54171.94	53875.7	53703.76	54034.32936	-330.5693624	-124.3993624	Varney-2018	51.03063756
606304.85	5599945.47	82.23863743	54172	53876.94	53704.94	54034.32936	-329.3893624	-123.2193624	Varney-2018	52.21063756
606304.85	5599945.47	82.23863743	54172.03	53879.95	53707.92	54034.32936	-326.4093624	-120.2393624	Varney-2018	55.19063756
606304.85	5599945.47	82.23863743	54172.07	53862.55	53690.48	54034.32936	-343.8493624	-137.6793624	Varney-2018	37.75063756
606304.85	5599945.47	82.23863743	54172.06	53856.62	53684.56	54034.32936	-349.7693624	-143.5993624	Varney-2018	31.83063756
606304.85	5599945.47	82.23863743	54172.05	53850.78	53678.73	54034.32936	-355.5993624	-149.4293624	Varney-2018	26.00063756
606304.85	5599945.47	82.23863743	54172.03	53854.88	53682.85	54034.32936	-351.4793624	-145.3093624	Varney-2018	30.12063756
606304.85	5599945.47	82.23863743	54172.01	53862.9	53690.89	54034.32936	-343.4393624	-137.2693624	Varney-2018	38.16063756

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606304.85	5599945.47	82.23863743	54171.97	53839.3	53667.33	54034.32936	-366.9993624	-160.8293624	Varney-2018	14.60063756
606304.85	5599945.47	82.23863743	54171.92	53801.3	53629.38	54034.32936	-404.9493624	-198.7793624	Varney-2018	-23.34936244
606304.85	5599945.47	82.23863743	54171.9	53783.3	53611.4	54034.32936	-422.9293624	-216.7593624	Varney-2018	-41.32936244
606304.85	5599945.47	82.23863743	54171.87	53783.37	53611.5	54034.32936	-422.8293624	-216.6593624	Varney-2018	-41.22936244
606304.85	5599945.47	82.23863743	54171.87	53783.13	53611.26	54034.32936	-423.0693624	-216.8993624	Varney-2018	-41.46936244
606304.85	5599945.47	82.23863743	54171.88	53783.19	53611.31	54034.32936	-423.0193624	-216.8493624	Varney-2018	-41.41936244
606304.85	5599945.47	82.23863743	54171.89	53783.4	53611.51	54034.32936	-422.8193624	-216.6493624	Varney-2018	-41.21936244
606304.85	5599945.47	82.23863743	54171.91	53783.64	53611.73	54034.32936	-422.5993624	-216.4293624	Varney-2018	-40.99936244
606304.85	5599945.47	82.23863743	54171.92	53770.8	53598.88	54034.32936	-435.4493624	-229.2793624	Varney-2018	-53.84936244
606304.85	5599945.47	82.23863743	54171.94	53765.82	53593.88	54034.32936	-440.4493624	-234.2793624	Varney-2018	-58.84936244
606304.85	5599945.47	82.23863743	54171.94	53743.72	53571.78	54034.32936	-462.5493624	-256.3793624	Varney-2018	-80.94936244
606304.85	5599945.47	82.23863743	54171.95	53728.65	53556.7	54034.32936	-477.6293624	-271.4593624	Varney-2018	-96.02936244
606304.85	5599945.47	82.23863743	54171.95	53731.72	53559.77	54034.32936	-474.5593624	-268.3893624	Varney-2018	-92.95936244
606304.85	5599945.47	82.23863743	54171.95	53731.4	53559.45	54034.32936	-474.8793624	-268.7093624	Varney-2018	-93.27936244
606304.85	5599945.47	82.23863743	54171.95	53744.29	53572.34	54034.32936	-461.9893624	-255.8193624	Varney-2018	-80.38936244
606304.85	5599945.47	82.23863743	54171.96	53746.99	53575.03	54034.32936	-459.2993624	-253.1293624	Varney-2018	-77.69936244
606304.85	5599945.47	82.23863743	54171.98	53745.92	53573.94	54034.32936	-460.3893624	-254.2193624	Varney-2018	-78.78936244
606304.85	5599945.47	82.23863743	54172.01	53746.07	53574.06	54034.32936	-460.2693624	-254.0993624	Varney-2018	-78.66936244
606304.85	5599945.47	82.23863743	54172.02	53745.51	53573.49	54034.32936	-460.8393624	-254.6693624	Varney-2018	-79.23936244
606304.85	5599945.47	82.23863743	54172.03	53745.41	53573.38	54034.32936	-460.9493624	-254.7793624	Varney-2018	-79.34936244
606304.85	5599945.47	82.23863743	54172.03	53744.91	53572.88	54034.32936	-461.4493624	-255.2793624	Varney-2018	-79.84936244
606264.19	5599910.02	78.0520458	54172.36	53751.44	53579.08	54034.21369	-455.1336878	-248.9636878	Varney-2018	-73.53368781
606264.16	5599910.09	78.04872513	54172.43	53749.56	53577.13	54034.214	-457.0839973	-250.9139973	Varney-2018	-75.48399729
606263.23	5599909.77	77.94645367	54172.5	53763.27	53590.77	54034.21351	-443.4435083	-237.2735083	Varney-2018	-61.84350832
606263.73	5599909.78	78.00146809	54172.53	53769.97	53597.44	54034.21312	-436.7731154	-230.6031154	Varney-2018	-55.1731154
606263.88	5599909.91	78.01792287	54172.57	53768.21	53595.64	54034.21351	-438.5735122	-232.4035122	Varney-2018	-56.9735122
606263.35	5599910.14	77.95937091	54172.56	53773.08	53600.52	54034.21491	-433.6949075	-227.5249075	Varney-2018	-52.09490754
606262.34	5599910.12	77.84799641	54172.54	53784.63	53612.09	54034.21571	-422.1257085	-215.9557085	Varney-2018	-40.52570855
606262.46	5599910.01	77.86138574	54172.51	53786.14	53613.63	54034.21515	-420.585155	-214.415155	Varney-2018	-38.98515497
606262.33	5599909.99	77.84708855	54172.48	53792.86	53620.38	54034.21519	-413.8351866	-207.6651866	Varney-2018	-32.23518662
606262.28	5599909.71	77.84200875	54172.47	53798.47	53626	54034.21409	-408.2140869	-202.0440869	Varney-2018	-26.61408694
606261.62	5599910.11	77.76860968	54172.46	53799.78	53627.32	54034.2163	-406.8962965	-200.7262965	Varney-2018	-25.29629654
606261.79	5599910.01	77.78754559	54172.49	53800.9	53628.41	54034.21574	-405.8057388	-199.6357388	Varney-2018	-24.20573885
606261.77	5599910.31	77.78477226	54172.53	53800	53627.47	54034.21698	-406.7469841	-200.5769841	Varney-2018	-25.14698405
606261.85	5599910.61	77.79305389	54172.6	53799.34	53626.74	54034.21814	-407.4781412	-201.3081412	Varney-2018	-25.8781412
606261.57	5599910.14	77.76303451	54172.67	53797.43	53624.76	54034.21646	-409.4564631	-203.2864631	Varney-2018	-27.8564631
606261.34	5599909.93	77.73812763	54172.72	53801.66	53628.94	54034.2158	-405.275803	-199.105803	Varney-2018	-23.67580295
606261.51	5599909.6	77.75754044	54172.78	53804.54	53631.76	54034.2143	-402.4543029	-196.2843029	Varney-2018	-20.8543029
606261.85	5599909.06	77.79590655	54172.78	53803.46	53630.68	54034.2118	-403.5318	-197.3618	Varney-2018	-21.93180004
606261.69	5599908.87	77.77875209	54172.78	53803.17	53630.39	54034.21116	-403.8211587	-197.6511587	Varney-2018	-22.22115874
606261.73	5599908.17	77.78447599	54172.78	53802.62	53629.84	54034.20826	-404.3682594	-198.1982594	Varney-2018	-22.76825941
606261.72	5599908.38	77.7829811	54172.78	53802.95	53630.17	54034.20913	-404.0391274	-197.8691274	Varney-2018	-22.43912742
606261.46	5599908.74	77.7538651	54172.81	53802.15	53629.34	54034.21082	-404.8708215	-198.7008215	Varney-2018	-23.27082145
606261.38	5599909.14	77.74425094	54172.84	53802.38	53629.54	54034.21253	-404.6725292	-198.5025292	Varney-2018	-23.07252922
606261.03	5599909.25	77.70562723	54172.87	53799.65	53626.78	54034.21328	-407.4332802	-201.2632802	Varney-2018	-25.83328022
606261.13	5599909.77	77.71537177	54172.9	53805.98	53633.08	54034.21533	-401.1353289	-194.9653289	Varney-2018	-19.53532891
606260.95	5599910.13	77.69467246	54172.95	53799.92	53626.97	54034.21696	-407.2469638	-201.0769638	Varney-2018	-25.64696384
606261.05	5599910.11	77.70575004	54173	53800.16	53627.16	54034.21679	-407.0567943	-200.8867943	Varney-2018	-25.45679434
606261.23	5599909.77	77.72637567	54173	53801.14	53628.14	54034.21524	-406.0752422	-199.9052422	Varney-2018	-24.47524221
606260.08	5599909.55	77.60051182	54173	53796.29	53623.29	54034.21533	-410.9253318	-204.7553318	Varney-2018	-29.32533184
606259.15	5599909.26	77.49940953	54172.98	53791.95	53618.97	54034.21493	-415.2449331	-209.0749331	Varney-2018	-33.6449331
606259.15	5599908.98	77.5004609	54172.96	53788.28	53615.32	54034.21377	-418.8937734	-212.7237734	Varney-2018	-37.29377338
606259.53	5599909.13	77.54154005	54172.95	53787.5	53614.55	54034.21407	-419.6640698	-213.4940698	Varney-2018	-38.0640698
606259.64	5599908.74	77.55492332	54172.94	53787.06	53614.12	54034.21236	-420.092364	-213.922364	Varney-2018	-38.49236403
606259.52	5599908.92	77.54117762	54172.92	53788.6	53615.68	54034.21321	-418.53321	-212.36321	Varney-2018	-36.93321002
606259.86	5599909.17	77.57757311	54172.9	53788.88	53615.98	54034.21395	-418.2339528	-212.0639528	Varney-2018	-36.63395282
606259.76	5599908.49	77.56887095	54172.91	53788.82	53615.91	54034.21123	-418.3012297	-212.1312297	Varney-2018	-36.70122972
606259.98	5599908.88	77.59164498	54172.92	53788.5	53615.58	54034.21265	-418.6326535	-212.4626535	Varney-2018	-37.03265353
606260.16	5599909.05	77.61082182	54172.92	53788.97	53616.05	54034.2132	-418.1632014	-211.9932014	Varney-2018	-36.56320138
606260.1	5599909.34	77.60335654	54172.93	53787.85	53614.92	54034.21445	-419.2944485	-213.1244485	Varney-2018	-37.69444854
606260.42	5599909.54	77.63790058	54172.93	53787.45	53614.52	54034.215	-419.6949973	-213.5249973	Varney-2018	-38.0949973
606260.59	5599909.47	77.65677086	54172.93	53786.83	53613.9	54034.21456	-420.3145626	-214.1445626	Varney-2018	-38.71456262
606260.33	5599910.16	77.62620247	54172.92	53785.91	53612.99	54034.21763	-421.2276291	-215.0576291	Varney-2018	-39.62762913
606259.51	5599910.59	77.5342389	54172.91	53782.38	53609.47	54034.22012	-424.7501241	-218.5801241	Varney-2018	-43.15012413

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606258.67	5599911.25	77.4386149	54172.92	53774.78	53601.86	54034.2236	-432.3636049	-226.1936049	Varney-2018	-50.76360491
606258.03	5599911.24	77.36756381	54172.94	53774.02	53601.08	54034.22414	-433.1441359	-226.9741359	Varney-2018	-51.54413595
606257.48	5599911.89	77.30325874	54172.98	53778.6	53605.62	54034.22734	-428.6073406	-222.4373406	Varney-2018	-47.00734061
606257.06	5599911.41	77.25892468	54173.03	53779.2	53606.17	54034.22571	-428.0557145	-221.8857145	Varney-2018	-46.45571451
606256.26	5599910.84	77.17327151	54173.06	53794.41	53621.35	54034.22404	-412.8740409	-206.7040409	Varney-2018	-31.27404089
606255.46	5599910.45	77.08711816	54173.09	53800.59	53627.5	54034.22311	-406.7231081	-200.5531081	Varney-2018	-25.12310814
606254.48	5599911.7	76.96997472	54173.07	53802.59	53629.52	54034.22926	-404.7092574	-198.5392574	Varney-2018	-23.10925743
606254.03	5599910.95	76.92538029	54173.05	53790.69	53617.64	54034.22649	-416.5864852	-210.4164852	Varney-2018	-34.98648525
606253.61	5599911.1	76.87766004	54173.04	53788.93	53615.89	54034.2275	-418.3374956	-212.1674956	Varney-2018	-36.7374956
606253.16	5599911.42	76.82515745	54173.02	53787.9	53614.88	54034.22926	-419.3492584	-213.1792584	Varney-2018	-37.74925844
606252.66	5599913.7	76.75049983	54173.02	53789.23	53616.21	54034.23943	-418.0294292	-211.8594292	Varney-2018	-36.42942925
606252.42	5599914.35	76.71787926	54173.02	53789.11	53616.09	54034.24243	-418.1524296	-211.9824296	Varney-2018	-36.55242956
606252.68	5599914.61	76.7451647	54173.03	53794.01	53620.98	54034.24329	-413.2632903	-207.0932903	Varney-2018	-31.66329028
606252.64	5599914.99	76.73744495	54173.05	53794.85	53621.8	54034.24495	-412.444949	-206.274949	Varney-2018	-30.84494905
606252.78	5599913.79	76.76329446	54173.05	53791.37	53618.32	54034.2397	-415.9196999	-209.7496999	Varney-2018	-34.31969989
606252.61	5599914.03	76.74208916	54173.06	53788	53614.94	54034.24088	-419.3008837	-213.1308837	Varney-2018	-37.7008837
606252.05	5599914.09	76.67824845	54173.07	53768.62	53595.55	54034.24167	-438.6916706	-232.5216706	Varney-2018	-57.09167059
606251.74	5599912.64	76.6562498	54173.08	53757.75	53584.67	54034.23576	-449.5657567	-243.3957567	Varney-2018	-67.96575671
606250.71	5599912.23	76.54480671	54173.06	53757.86	53584.8	54034.23494	-449.434942	-243.264942	Varney-2018	-67.834942
606250.51	5599911.85	76.52620488	54173.04	53757.2	53584.16	54034.23349	-450.073489	-243.903489	Varney-2018	-68.47348896
606248.29	5599912.66	76.26936544	54173.04	53746.89	53573.85	54034.23902	-460.3890208	-254.2190208	Varney-2018	-78.78902082
606248.32	5599913.93	76.25820698	54173.05	53755.89	53582.84	54034.24451	-451.4045121	-245.2345121	Varney-2018	-69.8045121
606248.58	5599914.18	76.28477163	54173.07	53758.09	53585.02	54034.24535	-449.2253515	-243.0553515	Varney-2018	-67.62535152
606249.32	5599916.16	76.34727914	54173.09	53757.79	53584.7	54034.25322	-449.5532156	-243.3832156	Varney-2018	-67.95321564
606249.02	5599918.54	76.28687669	54173.12	53775.67	53602.55	54034.26382	-431.713823	-225.543823	Varney-2018	-50.11382296
606248.25	5599919.38	76.18771227	54173.16	53782.88	53609.72	54034.26827	-424.5482689	-218.3782689	Varney-2018	-42.94826895
606247.97	5599919.75	76.15067105	54173.17	53795.16	53621.99	54034.27017	-412.2801726	-206.1101726	Varney-2018	-30.68017261
606246.95	5599920.9	76.01694722	54173.19	53814.76	53641.57	54034.27628	-392.7062755	-186.5362755	Varney-2018	-11.10627546
606247.1	5599921.04	76.03291498	54173.22	53819.71	53646.49	54034.27673	-387.7867256	-181.6167256	Varney-2018	-6.186725609
606243.63	5599923.27	75.59043721	54173.26	53814.52	53641.26	54034.29036	-393.030357	-186.860357	Varney-2018	-11.43035698
606243.47	5599923.47	75.56832484	54173.28	53803.79	53630.51	54034.29142	-403.7814237	-197.6114237	Varney-2018	-22.18142369
606241.85	5599923.31	75.37688833	54173.31	53765.26	53591.95	54034.29253	-442.3425309	-236.1725309	Varney-2018	-60.74253086
606240.71	5599925.64	75.20128562	54173.38	53748.59	53575.21	54034.30427	-459.0942683	-252.9242683	Varney-2018	-77.49426833
606239.89	5599927.04	75.07745064	54173.28	53735.71	53562.43	54034.31153	-471.8815299	-265.7115299	Varney-2018	-90.28152987
606239.15	5599929.06	74.95072951	54173.26	53726.19	53552.93	54034.32154	-481.3915384	-275.2215384	Varney-2018	-99.79153837
606237.83	5599931.13	74.74835861	54173.23	53726.69	53553.46	54034.33257	-480.8725656	-274.7025656	Varney-2018	-99.27256558
606238.7	5599929.37	74.88939794	54173.21	53727.5	53554.29	54034.3235	-480.033495	-273.863495	Varney-2018	-98.43349502
606237.67	5599928.66	74.77522299	54173.19	53725.64	53552.45	54034.32154	-481.8715401	-275.7015401	Varney-2018	-100.2715401
606238.4	5599932.82	74.78850319	54173.19	53721.74	53548.55	54034.3395	-485.7895018	-279.6195018	Varney-2018	-104.1895018
606239	5599935.87	74.80930369	54173.18	53718.24	53545.06	54034.35251	-489.2925102	-283.1225102	Varney-2018	-107.6925102
606239.75	5599936.24	74.8992338	54173.2	53722.67	53549.47	54034.35316	-484.8831593	-278.7131593	Varney-2018	-103.2831593
606239.7	5599938.11	74.85998239	54173.23	53713.62	53540.39	54034.36166	-493.971657	-287.801657	Varney-2018	-112.371657
606238.13	5599937.89	74.65977763	54173.26	53698.3	53525.04	54034.36286	-509.3228569	-303.1528569	Varney-2018	-127.7228569
606237.06	5599938.07	74.51720634	54173.29	53698.37	53525.08	54034.36517	-509.2851709	-303.1151709	Varney-2018	-127.6851709
606236.45	5599939.9	74.40151585	54173.3	53688.99	53515.69	54034.37439	-518.6843855	-312.5143855	Varney-2018	-137.0843855
606235.51	5599942.27	74.22937204	54173.32	53680.38	53507.06	54034.3866	-527.3266034	-321.1566034	Varney-2018	-145.7266034
606235.22	5599943.12	74.17316371	54173.33	53666.85	53493.52	54034.39094	-540.8709353	-334.7009353	Varney-2018	-159.2709353
606234.91	5599942.96	74.13507183	54173.35	53664.92	53491.57	54034.39066	-542.8206629	-336.6506629	Varney-2018	-161.2206629
606233.9	5599944.22	73.97287383	54173.35	53647.25	53473.9	54034.39799	-560.4979863	-354.3279863	Varney-2018	-178.8979863
606232.82	5599945.07	73.80858995	54173.35	53639.09	53465.74	54034.40356	-568.6635641	-362.4935641	Varney-2018	-187.0635641
606231.47	5599943.57	73.66131956	54173.36	53644.9	53471.54	54034.39864	-562.8586372	-356.6886372	Varney-2018	-181.2586372
606231.8	5599944.5	73.68401402	54173.38	53651.26	53477.88	54034.40247	-556.5224716	-350.3524716	Varney-2018	-174.9224716
606230.78	5599948.11	73.46048277	54173.39	53655.57	53482.18	54034.4209	-552.240901	-346.070901	Varney-2018	-170.640901
606230.55	5599943.65	73.53611219	54173.4	53669.86	53496.46	54034.40039	-537.9403941	-331.7703941	Varney-2018	-156.3403941
606229.9	5599945.13	73.41271982	54173.38	53694.02	53520.64	54034.40832	-513.7683162	-307.5983162	Varney-2018	-132.1683162
606229.94	5599947.94	73.34937374	54173.36	53687.07	53513.71	54034.42144	-520.7114375	-314.5414375	Varney-2018	-139.1114375
606228.16	5599948.39	73.09375145	54173.34	53688.25	53514.91	54034.42638	-519.516385	-313.346385	Varney-2018	-137.916385
606227.66	5599948.5	73.02217096	54173.32	53701.45	53528.13	54034.4277	-506.2977025	-300.1277025	Varney-2018	-124.6977025
606227.15	5599950.06	72.91079196	54173.31	53707.36	53534.05	54034.43592	-500.3859166	-294.2159166	Varney-2018	-118.7859166
606227.91	5599950.24	73.01147012	54173.29	53703.52	53530.23	54034.43553	-504.205533	-298.035533	Varney-2018	-122.605533
606225.88	5599950.45	72.72409668	54173.3	53707.64	53534.34	54034.43984	-500.0998396	-293.9298396	Varney-2018	-118.4998396
606225.4	5599949.68	72.67875049	54173.32	53712.92	53539.6	54034.43694	-494.8369449	-288.6669449	Varney-2018	-113.2369449
606225.24	5599951.7	72.60046266	54173.38	53716.03	53542.65	54034.44686	-491.7968589	-285.6268589	Varney-2018	-110.1968589
606225.64	5599952.29	72.64013649	54173.45	53714.1	53540.65	54034.44901	-493.7990122	-287.6290122	Varney-2018	-112.1990122

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606225.46	5599951.63	72.63314699	54173.51	53710.45	53536.94	54034.44616	-497.5061603	-291.3361603	Varney-2018	-115.9061603
606224.38	5599953.54	72.42798868	54173.57	53704.69	53531.12	54034.45711	-503.3371073	-297.1671073	Varney-2018	-121.7371073
606224.64	5599953.4	72.46861942	54173.56	53701.8	53528.24	54034.456	-506.2159971	-300.0459971	Varney-2018	-124.6159971
606223.59	5599953.98	72.30379364	54173.54	53693.8	53520.26	54034.46056	-514.2005594	-308.0305594	Varney-2018	-132.6005594
606222.61	5599953.49	72.17977028	54173.45	53687.05	53513.6	54034.45986	-520.8598577	-314.6898577	Varney-2018	-139.2598577
606223.96	5599954.4	72.34404984	54173.35	53667.16	53493.81	54034.46195	-540.6519485	-334.4819485	Varney-2018	-159.0519485
606223.54	5599953.08	72.32282822	54173.26	53634.35	53461.09	54034.45631	-573.3663138	-367.1963138	Varney-2018	-191.7663138
606222.35	5599952.68	72.16727713	54173.16	53636.64	53463.48	54034.45638	-570.9763813	-364.8063813	Varney-2018	-189.3763813
606221.05	5599955.53	71.89697906	54173.11	53640.32	53467.21	54034.4724	-567.2624047	-361.0924047	Varney-2018	-185.6624047
606219.95	5599957.47	71.67903847	54173.06	53618.8	53445.74	54034.48377	-588.743771	-382.573771	Varney-2018	-207.143771
606219.66	5599957.24	71.64462256	54173.11	53612.89	53439.78	54034.48316	-594.7031591	-388.5331591	Varney-2018	-213.1031591
606219.27	5599955.75	71.63630807	54173.16	53614.94	53441.78	54034.47656	-592.6965564	-386.5265564	Varney-2018	-211.0965564
606219.54	5599954.78	71.70570657	54173.24	53618.68	53445.44	54034.47135	-589.0313484	-382.8613484	Varney-2018	-207.4313484
606219.49	5599951.31	71.80921863	54173.32	53642.68	53469.36	54034.45447	-565.094473	-358.924473	Varney-2018	-183.494473
606219.68	5599948.61	71.92142379	54173.39	53669.73	53496.34	54034.44097	-538.100972	-331.930972	Varney-2018	-156.500972
606219.24	5599951.04	71.78299972	54173.47	53692.96	53519.49	54034.45356	-514.9635641	-308.7935641	Varney-2018	-133.3635641
606218.31	5599949.13	71.71593037	54173.51	53714.54	53541.03	54034.44571	-493.415714	-287.245714	Varney-2018	-111.815714
606214.22	5599954.16	70.97259346	54173.55	53724.44	53550.89	54034.47737	-483.5873731	-277.4173731	Varney-2018	-101.9873731
606211.64	5599952.62	70.73905837	54173.56	53741.63	53568.07	54034.47205	-466.4020484	-260.2320484	Varney-2018	-84.80204844
606209.84	5599954.59	70.49600004	54173.58	53754.28	53580.7	54034.48277	-453.7827656	-247.6127656	Varney-2018	-72.18276562
606209.86	5599954.08	70.51615002	54173.58	53760.26	53586.68	54034.48021	-447.8002105	-241.6302105	Varney-2018	-66.20021054
606209.89	5599953.17	70.55156649	54173.57	53766.4	53592.83	54034.47565	-441.6456541	-235.4756541	Varney-2018	-60.04565405
606209.19	5599955.78	70.39141639	54173.55	53778.28	53604.73	54034.48902	-429.7590164	-223.5890164	Varney-2018	-48.15901642
606208.49	5599956	70.31678933	54173.53	53782.18	53608.65	54034.49045	-425.8404489	-219.6704489	Varney-2018	-44.24044885
606207.6	5599956.29	70.2216072	54173.5	53767.52	53594.02	54034.49232	-440.4723196	-234.3023196	Varney-2018	-58.87231961
606206.79	5599956.21	70.14719085	54173.47	53752.26	53578.79	54034.49231	-455.702308	-249.532308	Varney-2018	-74.10230801
606205.24	5599961.3	69.82079498	54173.47	53749.55	53576.08	54034.51836	-458.4383611	-252.2683611	Varney-2018	-76.83836106
606205.21	5599962.11	69.78954288	54173.47	53744.98	53571.51	54034.5224	-463.0124028	-256.8424028	Varney-2018	-81.41240283
606206.16	5599961.31	69.9074973	54173.5	53749.94	53576.44	54034.51799	-458.0779895	-251.9079895	Varney-2018	-76.47798953
606205.14	5599962.98	69.75241837	54173.53	53747.15	53573.62	54034.52676	-460.9067608	-254.7367608	Varney-2018	-79.30676083
606204.49	5599964.57	69.63546626	54173.55	53741.73	53568.18	54034.53496	-466.3549566	-260.1849566	Varney-2018	-84.75495664
606203.89	5599966.65	69.50641951	54173.58	53737.77	53564.19	54034.54556	-470.3555566	-264.1855566	Varney-2018	-88.75555665
606202.91	5599967.34	69.39048556	54173.59	53734.56	53560.97	54034.54941	-473.5794101	-267.4094101	Varney-2018	-91.97941012
606201.39	5599970.41	69.14203357	54173.61	53744.88	53571.27	54034.56529	-463.2952915	-257.1252915	Varney-2018	-81.6952915
606200.13	5599971.17	68.99839766	54173.63	53749.63	53576	54034.56959	-458.5695882	-252.3995882	Varney-2018	-76.96958816
606199.23	5599972.76	68.86015934	54173.65	53755.51	53581.86	54034.57784	-452.7178356	-246.5478356	Varney-2018	-71.11783557
606198.38	5599972.81	68.77945378	54173.67	53755.88	53582.21	54034.57843	-452.3684342	-246.1984342	Varney-2018	-70.76843421
606197.97	5599975.55	68.648146	54173.7	53773.33	53599.63	54034.59215	-434.962152	-228.792152	Varney-2018	-53.36215202
606198.42	5599977.85	68.61139745	54173.73	53796.62	53622.89	54034.60335	-411.7133477	-205.5433477	Varney-2018	-30.11334769
606197.73	5599980.04	68.45639187	54173.77	53819.3	53645.53	54034.6149	-389.0848963	-182.9148963	Varney-2018	-7.4848963
606197	5599979.63	68.40644651	54173.82	53819.55	53645.73	54034.61307	-388.8830657	-182.7130657	Varney-2018	-7.283065739
606196.02	5599979.23	68.33300109	54173.87	53823.63	53649.76	54034.61139	-384.8513859	-178.6813859	Varney-2018	-3.251385942
606196.44	5599979.94	68.34201107	54173.88	53829.61	53655.73	54034.61488	-378.8848789	-172.7148789	Varney-2018	2.715121071
606195.52	5599981.04	68.21167053	54173.89	53843	53669.11	54034.6209	-365.5108951	-159.3408951	Varney-2018	16.08910494
606194.68	5599980.97	68.13748974	54173.86	53846	53672.14	54034.62086	-362.4808561	-156.3108561	Varney-2018	19.11914394
606194.32	5599982.33	68.04807008	54173.83	53847.66	53673.83	54034.62799	-360.7979869	-154.6279869	Varney-2018	20.80201308
606192.33	5599983.55	67.81554218	54173.77	53845.4	53671.63	54034.635	-363.005003	-156.835003	Varney-2018	18.59499699
606190.95	5599984.82	67.63728839	54173.71	53839.92	53666.21	54034.64203	-368.4320333	-162.2620333	Varney-2018	13.16796668
606189.56	5599984.51	67.52308606	54173.69	53834.53	53660.84	54034.64096	-373.8009571	-167.6309571	Varney-2018	7.799042906
606188.14	5599986.46	67.31420725	54173.66	53832.21	53658.55	54034.65147	-376.1014665	-169.9314665	Varney-2018	5.498533499
606187.33	5599986.27	67.24816049	54173.66	53823.36	53649.7	54034.65079	-384.9507882	-178.7807882	Varney-2018	-3.3507882
606187.94	5599986.48	67.29518642	54173.67	53827.35	53653.68	54034.65164	-380.9716415	-174.8016415	Varney-2018	0.628358524
606186.61	5599986.97	67.15429373	54173.72	53824.6	53650.88	54034.65463	-383.7746303	-177.6046303	Varney-2018	-2.174630271
606186.9	5599986.98	67.18027207	54173.78	53830.56	53656.78	54034.65458	-377.8745767	-171.7045767	Varney-2018	3.725423297
606187.3	5599987.42	67.19883467	54173.8	53823.43	53649.63	54034.65668	-385.0266838	-178.8566838	Varney-2018	-3.426683806
606187.82	5599987.59	67.23921116	54173.83	53821.39	53647.56	54034.65737	-387.0973671	-180.9273671	Varney-2018	-5.49736708
606184.24	5599985.74	66.9880127	54173.82	53830.87	53657.05	54034.64921	-377.5992054	-171.4292054	Varney-2018	4.000794593
606181.68	5599988.53	66.64375076	54173.8	53845.95	53672.15	54034.66436	-362.5143622	-156.3443622	Varney-2018	19.08563783
606178.43	5599994.17	66.12693873	54173.76	53852.62	53678.86	54034.6942	-355.8342008	-149.6642008	Varney-2018	25.76579918
606176.59	5599994.21	65.95975238	54173.72	53856.76	53683.04	54034.69502	-351.6550214	-145.4850214	Varney-2018	29.9449786
606175.65	5599993.89	65.88761212	54173.68	53854.07	53680.39	54034.69371	-354.3037124	-148.1337124	Varney-2018	27.29628756
606175	5599993.88	65.82946834	54173.63	53840.49	53666.86	54034.69388	-367.8338805	-161.6638805	Varney-2018	13.76611954
606173.67	5599994.68	65.67874585	54173.64	53832.09	53658.45	54034.69838	-376.2483831	-170.0783831	Varney-2018	5.351616893
606171.52	5599996.17	65.42814192	54173.66	53824.55	53650.89	54034.70664	-383.8166417	-177.6466417	Varney-2018	-2.216641704

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606171.33	5599999.16	65.29633488	54173.72	53826.36	53652.64	54034.72183	-382.0818348	-175.9118348	Varney-2018	-0.481834813
606170.63	5599998.39	65.26327374	54173.78	53814.99	53641.21	54034.71816	-393.5081627	-187.3381627	Varney-2018	-11.90816268
606169.98	5599998.59	65.19749274	54173.83	53794.34	53620.51	54034.71938	-414.2093822	-208.0393822	Varney-2018	-32.60938218
606169.54	5599999.16	65.13640745	54173.89	53790.07	53616.18	54034.7224	-418.5424037	-212.3724037	Varney-2018	-36.94240374
606169.86	5599998.59	65.1867622	54173.92	53781.43	53607.51	54034.71942	-427.2094206	-221.0394206	Varney-2018	-45.60942056
606169.09	5599999.29	65.09125182	54173.96	53762.23	53588.27	54034.7232	-446.4532036	-240.2832036	Varney-2018	-64.85320359
606169.08	5599998.75	65.11092108	54173.95	53768.95	53595	54034.72048	-439.7204784	-233.5504784	Varney-2018	-58.12047844
606168.65	5600003.4	64.89568047	54173.94	53783.43	53609.49	54034.7441	-425.2541025	-219.0841025	Varney-2018	-43.65410251
606168.75	5600005.66	64.81860003	54173.88	53789.58	53615.7	54034.75549	-419.0554881	-212.8854881	Varney-2018	-37.4554881
606169.17	5600007.33	64.79214805	54173.82	53802.07	53628.25	54034.7638	-406.5138024	-200.3438024	Varney-2018	-24.91380241
606170.07	5600009.24	64.79859138	54173.78	53800.87	53627.09	54034.7732	-407.6831993	-201.5131993	Varney-2018	-26.08319931
606170.97	5600011.61	64.78694223	54173.73	53792.02	53618.29	54034.78494	-416.4949356	-210.3249356	Varney-2018	-34.89493562
606172.29	5600012.46	64.86994697	54173.7	53788.92	53615.22	54034.78888	-419.5688786	-213.3988786	Varney-2018	-37.96887864
606172.21	5600013.82	64.81058513	54173.67	53799.65	53625.98	54034.79579	-408.8157867	-202.6457867	Varney-2018	-27.2157867
606171.94	5600016.27	64.69276117	54173.69	53806.12	53632.43	54034.80826	-402.3782618	-196.2082618	Varney-2018	-20.77826178
606171.76	5600016.34	64.6744005	54173.72	53810.47	53636.75	54034.80866	-398.0586624	-191.8886624	Varney-2018	-16.4586624
606171.49	5600016.23	64.65512207	54173.76	53808.29	53634.53	54034.80818	-400.278175	-194.108175	Varney-2018	-18.67817505
606171.7	5600016.23	64.67340493	54173.81	53808.74	53634.93	54034.80812	-399.878121	-193.708121	Varney-2018	-18.27812102
606171.44	5600015.87	64.66459102	54173.86	53806.27	53632.41	54034.80637	-402.396366	-196.226366	Varney-2018	-20.79636602
606171.32	5600015.83	64.65567303	54173.92	53806.85	53632.93	54034.80619	-401.8761946	-195.7061946	Varney-2018	-20.27619463
606170.21	5600020.54	64.37891268	54173.96	53808.16	53634.2	54034.8303	-400.6302976	-194.4602976	Varney-2018	-19.03029755
606170.15	5600023.01	64.27931551	54174.01	53810.07	53636.06	54034.8428	-398.7828009	-192.6128009	Varney-2018	-17.18280091
606169.47	5600023.91	64.18641283	54174.03	53813.25	53639.22	54034.84751	-395.6275079	-189.4575079	Varney-2018	-14.0275079
606169.81	5600023.26	64.24047898	54174.06	53812.62	53638.56	54034.84414	-396.284144	-190.114144	Varney-2018	-14.68414395
606169.9	5600023.18	64.25128492	54174.06	53808.91	53634.85	54034.84372	-399.9937186	-193.8237186	Varney-2018	-18.39371862
606169.92	5600021.9	64.3018922	54174.05	53808.12	53634.07	54034.83724	-400.7672431	-194.5972431	Varney-2018	-19.16724306
606170.13	5600022.08	64.31313631	54174.03	53811.22	53637.19	54034.8381	-397.6481034	-191.4781034	Varney-2018	-16.04810337
606171.03	5600022.59	64.37123384	54174	53812.8	53638.8	54034.84047	-396.0404708	-189.8704708	Varney-2018	-14.44047078
606171.91	5600022.95	64.43325432	54174	53813.17	53639.17	54034.84209	-395.6720867	-189.5020867	Varney-2018	-14.07208675
606171.83	5600024.67	64.36023309	54173.99	53824.78	53650.79	54034.85081	-384.0608124	-177.8908124	Varney-2018	-2.460812355
606171.51	5600025.37	64.30585213	54173.98	53826.74	53652.76	54034.85443	-382.0944278	-175.9244278	Varney-2018	-0.494427817
606171.04	5600025.83	64.2478712	54173.97	53835.63	53661.66	54034.85686	-373.1968608	-167.0268608	Varney-2018	8.40313921
606170.74	5600026.14	64.21026487	54173.98	53843.37	53669.39	54034.8585	-365.4684958	-159.2984958	Varney-2018	16.13150418
606170.65	5600025.13	64.24122036	54173.99	53845.69	53671.7	54034.85341	-363.1534072	-156.9834072	Varney-2018	18.44659276
606170.83	5600024.2	64.29230804	54173.99	53843.22	53669.23	54034.84866	-365.6186621	-159.4486621	Varney-2018	15.98133789
606170.83	5600024.02	64.29920435	54173.98	53844.08	53670.1	54034.84775	-364.7477516	-158.5777516	Varney-2018	16.85224845
606170.55	5600023.56	64.29272571	54173.98	53847.54	53673.56	54034.84549	-361.2854893	-155.1154893	Varney-2018	20.31451067
606170.33	5600023.95	64.25887204	54173.98	53847.55	53673.57	54034.84751	-361.2775124	-155.1075124	Varney-2018	20.32248762
606169.91	5600024.25	64.21128316	54173.98	53850.11	53676.13	54034.84913	-358.7191255	-152.5491255	Varney-2018	22.88087447
606169.94	5600025.62	64.16153729	54173.98	53859.06	53685.08	54034.85604	-349.7760446	-143.6060446	Varney-2018	31.82395535
606169.26	5600024.13	64.15996311	54173.98	53857.82	53683.84	54034.84867	-351.0086679	-144.8386679	Varney-2018	30.59133213
606169.12	5600024.72	64.12545288	54173.97	53866.23	53692.26	54034.85168	-342.591681	-136.421681	Varney-2018	39.00831903
606168.97	5600024.93	64.10457062	54173.97	53867.26	53693.29	54034.85278	-341.562776	-135.392776	Varney-2018	40.03722404
606169.29	5600024.72	64.1400602	54173.97	53868.47	53694.5	54034.85164	-340.3516424	-134.1816424	Varney-2018	41.24835764
606169.16	5600024.63	64.13231794	54174	53869.66	53695.66	54034.85122	-339.1912171	-133.0212171	Varney-2018	42.40878286
606168.93	5600024.54	64.11597761	54174.03	53870.48	53696.45	54034.85081	-338.4008148	-132.2308148	Varney-2018	43.19918521
606168.83	5600024.69	64.10167586	54174.07	53869.61	53695.54	54034.8516	-339.3115953	-133.1415953	Varney-2018	42.28840471
606168.75	5600025.1	64.07920732	54174.12	53880.26	53706.14	54034.85368	-328.7136845	-122.5436845	Varney-2018	52.88631552
606168.88	5600025.21	64.0861853	54174.15	53881.63	53707.48	54034.85421	-327.3742108	-121.2042108	Varney-2018	54.22578919
606168.46	5600025.15	64.0524039	54174.19	53881.9	53707.71	54034.854	-327.1440025	-120.9740025	Varney-2018	54.45599754
606168.23	5600025.45	64.02126478	54174.18	53879.19	53705.01	54034.85557	-329.8455692	-123.6755692	Varney-2018	51.75443083
606167.79	5600024.89	64.00472802	54174.16	53875.49	53701.33	54034.85284	-333.5228412	-127.3528412	Varney-2018	48.07715882
606168.26	5600024.42	64.06294773	54174.12	53864.1	53689.98	54034.85036	-344.8703614	-138.7003614	Varney-2018	36.72963855
606167.1	5600024.45	63.96209327	54174.08	53855.34	53681.26	54034.85078	-353.5907775	-147.4207775	Varney-2018	28.0092225
606166.94	5600024.67	63.94002509	54174.07	53853.89	53679.82	54034.85192	-355.0319239	-148.8619239	Varney-2018	26.56807614
606167.24	5600024.19	63.98396436	54174.05	53852.33	53678.28	54034.84943	-356.5694336	-150.3994336	Varney-2018	25.03056636
606165.81	5600024.86	63.83576996	54174.05	53846.62	53672.57	54034.85314	-362.2831385	-156.1131385	Varney-2018	19.31686155
606163.68	5600026.42	63.59451285	54174.04	53863.79	53689.75	54034.86147	-345.111473	-138.941473	Varney-2018	36.48852698
606163.87	5600024.67	63.67621352	54174.07	53864.79	53690.72	54034.85262	-344.1326217	-137.9626217	Varney-2018	37.46737835
606163.51	5600022.52	63.72554515	54174.11	53866.69	53692.58	54034.84188	-342.2618833	-136.0918833	Varney-2018	39.33811671
606162.46	5600022.88	63.6216249	54174.13	53870.52	53696.39	54034.84394	-338.4539404	-132.2839404	Varney-2018	43.14605963
606162.59	5600024.9	63.557662	54174.15	53870.25	53696.1	54034.85407	-338.7540693	-132.5840693	Varney-2018	42.84593066
606163.25	5600026.05	63.57146327	54174.18	53865.72	53691.54	54034.85971	-343.3197063	-137.1497063	Varney-2018	38.28029365
606162.81	5600025.21	63.56501592	54174.21	53865.66	53691.45	54034.85558	-343.4055789	-137.2355789	Varney-2018	38.19442113

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606162.97	5600025.39	63.57204646	54174.22	53872.48	53698.26	54034.85645	-336.5964483	-130.4264483	Varney-2018	45.00355166
606162.78	5600023.19	63.63765667	54174.23	53878	53703.77	54034.84542	-331.0754249	-124.9054249	Varney-2018	50.52457508
606163.46	5600023.4	63.6883865	54174.24	53895.41	53721.17	54034.84632	-313.6763236	-107.5063236	Varney-2018	67.92367639
606163.42	5600025.79	63.59574394	54174.26	53905.13	53730.87	54034.85836	-303.9883601	-97.81836014	Varney-2018	77.61163986
606164.01	5600024.48	63.6953501	54174.29	53908.82	53734.53	54034.85163	-300.3216333	-94.15163329	Varney-2018	81.27836671
606163.41	5600022.91	63.7023683	54174.32	53902.9	53728.58	54034.84387	-306.2638694	-100.0938694	Varney-2018	75.33613062
606163.58	5600026.01	63.60125366	54174.33	53899.62	53725.29	54034.85943	-309.5694316	-103.3994316	Varney-2018	72.03056836
606163.34	5600031.61	63.37173231	54174.35	53911.15	53736.8	54034.88766	-298.0876644	-91.91766444	Varney-2018	83.51233556
606164.12	5600031.35	63.4477631	54174.36	53901.44	53727.08	54034.8862	-307.8061973	-101.6361973	Varney-2018	73.79380268
606162.08	5600029.14	63.35636911	54174.37	53890.71	53716.34	54034.8755	-318.5355017	-112.3655017	Varney-2018	63.06449828
606162.96	5600026.05	63.5465965	54174.36	53880.42	53706.06	54034.85977	-328.7997708	-122.6297708	Varney-2018	52.80022916
606159.94	5600026.89	63.25668008	54174.35	53851.03	53676.68	54034.86466	-358.1846592	-152.0146592	Varney-2018	23.41534075
606159.17	5600026.59	63.20176693	54174.36	53832.27	53657.91	54034.86332	-376.953323	-170.783323	Varney-2018	4.646676981
606156.98	5600031.07	62.85079748	54174.37	53810.57	53636.2	54034.88625	-398.6862482	-192.5162482	Varney-2018	-17.08624825
606156.72	5600034.98	62.68625527	54174.34	53800.85	53626.51	54034.90588	-408.3958848	-202.2258848	Varney-2018	-26.7958848
606157.72	5600036.94	62.69915248	54174.3	53809.75	53635.45	54034.91552	-399.4655178	-193.2955178	Varney-2018	-17.86551778
606156.56	5600035.53	62.65270474	54174.29	53811.69	53637.4	54034.90867	-397.5086697	-191.3386697	Varney-2018	-15.90866969
606156.09	5600036.24	62.58719747	54174.28	53814.25	53639.97	54034.91231	-394.9423129	-188.7723129	Varney-2018	-13.34231287
606155.17	5600038.43	62.43024695	54174.29	53824.05	53649.76	54034.92344	-385.1634408	-178.9934408	Varney-2018	-3.56344082
606154.5	5600041.29	62.2705792	54174.3	53833.57	53659.27	54034.93786	-375.6678622	-169.4978622	Varney-2018	5.932137775
606153.68	5600042.62	62.15403354	54174.35	53848.71	53674.36	54034.94465	-360.5846472	-154.4146472	Varney-2018	21.01535279
606152.97	5600047.91	61.90469145	54174.41	53849.09	53674.68	54034.97119	-360.291188	-154.121188	Varney-2018	21.30881201
606152.43	5600046.78	61.90047896	54174.47	53854.35	53679.88	54034.96562	-355.0856238	-148.9156238	Varney-2018	26.51437623
606149.17	5600050.47	61.49930143	54174.53	53877.18	53702.65	54034.98449	-332.3344914	-126.1644914	Varney-2018	49.26550858
606147.99	5600053.69	61.2884461	54174.57	53907.87	53733.3	54035.00068	-301.7006792	-95.53067918	Varney-2018	79.89932082
606147.39	5600056.31	61.20257505	54174.62	53937.37	53762.75	54035.01232	-272.2623162	-66.09231616	Varney-2018	109.3376838
606147.29	5600051.3	61.31505232	54174.62	53940.35	53765.73	54034.98888	-269.2588758	-63.08887584	Varney-2018	112.3411242
606146.99	5600051.76	61.27418469	54174.63	53924.5	53749.87	54034.9912	-285.1212037	-78.9512037	Varney-2018	96.4787963
606150.19	5600052.94	61.49561913	54174.59	53926.45	53751.86	54034.99667	-283.1366668	-76.96666676	Varney-2018	98.46333324
606151.83	5600053.95	61.59780594	54174.54	53918.45	53743.91	54035.0014	-291.0914044	-84.9214044	Varney-2018	90.5085956
606158.19	5600038.96	62.66479292	54174.5	53911.2	53736.7	54034.92556	-298.2255592	-92.05555918	Varney-2018	83.37444082
606162.01	5600037.97	63.02251219	54174.45	53907.87	53733.42	54034.91991	-301.4999076	-95.32990764	Varney-2018	80.10009236
606157.04	5600037.21	62.63198853	54174.4	53896.64	53722.24	54034.917	-312.6769953	-106.5069953	Varney-2018	68.92300467
606155.89	5600039.96	62.435232	54174.35	53899.07	53724.72	54034.93097	-310.2109709	-104.0409709	Varney-2018	71.38902913
606156.97	5600039.74	62.53385038	54174.33	53901.77	53727.44	54034.92968	-307.4896819	-101.3196819	Varney-2018	74.11031806
606157.65	5600038.4	62.63988972	54174.31	53911.5	53737.19	54034.92285	-297.7328479	-91.56284791	Varney-2018	83.86715209
606157.47	5600037.1	62.67223576	54174.33	53921.14	53746.81	54034.91637	-288.1063655	-81.9363655	Varney-2018	93.4936345
606153.3	5600036.79	62.33198326	54174.36	53930.79	53756.43	54034.91558	-278.4855804	-72.31558044	Varney-2018	103.1144196
606149.96	5600034.42	62.13457001	54174.4	53942.4	53768	54034.90438	-266.9043825	-60.73438253	Varney-2018	114.6956175
606146.62	5600032.06	61.934688	54174.44	53938.67	53764.23	54034.89329	-270.6632905	-64.4932905	Varney-2018	110.9367095
606143.28	5600029.69	61.7330432	54174.46	53938.26	53763.8	54034.8822	-271.0822048	-64.9122048	Varney-2018	110.5177952
606157.23	5600031.58	62.85345481	54174.48	53939.8	53765.32	54034.88875	-269.5687524	-63.39875238	Varney-2018	112.0312476
606158.22	5600030.99	62.95922166	54174.51	53939.13	53764.62	54034.88559	-270.2655935	-64.09559347	Varney-2018	111.3344065
606159.02	5600030.5	63.04529005	54174.54	53941.21	53766.67	54034.88297	-268.2129714	-62.0429714	Varney-2018	113.3870286
606161.7	5600030.64	63.26830501	54174.55	53937.54	53762.99	54034.88312	-271.8931214	-65.72312138	Varney-2018	109.7068786
606164.38	5600030.79	63.49084508	54174.56	53940.08	53765.52	54034.88332	-269.3633244	-63.19332438	Varney-2018	112.2366756
606167.06	5600030.93	63.71365567	54174.56	53945.14	53770.58	54034.88348	-264.3034798	-58.13347977	Varney-2018	117.2965202
606169.75	5600031.08	63.93683494	54174.56	53935.79	53761.23	54034.88369	-273.6536863	-67.48368631	Varney-2018	107.9463137
606156.32	5600063.41	61.86593124	54174.56	53926.68	53752.12	54035.04174	-282.9217449	-76.75174485	Varney-2018	98.67825515
606151.37	5600077.57	61.27738307	54174.56	53925.18	53750.62	54035.10444	-284.484435	-78.31443502	Varney-2018	97.11556498
606150.2	5600081.05	61.13103094	54174.56	53920.62	53746.06	54035.11998	-289.0599827	-82.88998272	Varney-2018	92.54001728
606150.53	5600060.76	61.40804426	54174.57	53909.49	53734.92	54035.0313	-300.1112972	-93.9412972	Varney-2018	81.4887028
606150.66	5600061.67	61.40788935	54174.58	53895.24	53720.66	54035.03525	-314.3752464	-108.2052464	Varney-2018	67.22475356
606151.24	5600062.97	61.44111504	54174.6	53883.9	53709.3	54035.04081	-325.7408101	-119.5708101	Varney-2018	55.85918989
606149.67	5600064.72	61.28662332	54174.6	53872.07	53697.47	54035.04876	-337.57876	-131.40876	Varney-2018	44.02123997
606147.66	5600068.19	61.07067681	54174.6	53883.4	53708.8	54035.06439	-326.2643896	-120.0943896	Varney-2018	55.33561038
606147.56	5600070.11	61.0371004	54174.59	53864.77	53690.18	54035.07284	-344.892836	-138.722836	Varney-2018	36.70716405
606147.23	5600071.87	60.98549948	54174.57	53855.2	53680.63	54035.08064	-354.4506417	-148.2806417	Varney-2018	27.14935834
606146.89	5600073.62	60.93283799	54174.57	53846.1	53671.53	54035.08841	-363.5584146	-157.3884146	Varney-2018	18.04158544
606146.14	5600075.37	60.84379634	54174.57	53843.37	53668.8	54035.09631	-366.2963111	-160.1263111	Varney-2018	15.3036889
606147.91	5600071.15	61.05394409	54174.59	53838.02	53663.43	54035.07731	-371.6473112	-165.4773112	Varney-2018	9.952688784
606148.22	5600070.51	61.08905759	54174.61	53826.16	53651.55	54035.07443	-383.524429	-177.354429	Varney-2018	-1.924428994
606148.53	5600069.87	61.12406251	54174.64	53822.49	53647.85	54035.07155	-387.2215497	-181.0515497	Varney-2018	-5.621549653
606148.84	5600069.22	61.15908543	54174.67	53817.93	53643.26	54035.06863	-391.8086294	-185.6386294	Varney-2018	-10.20862941

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606149.14	5600068.58	61.19301152	54174.68	53803.02	53628.34	54035.06576	-406.7257582	-200.5557582	Varney-2018	-25.12575817
606149.38	5600068.1	61.21967635	54174.69	53795.93	53621.24	54035.0636	-413.8236031	-207.6536031	Varney-2018	-32.22360315
606149.38	5600068.1	61.21967635	54174.7	53780.02	53605.32	54035.0636	-429.7436031	-223.5736031	Varney-2018	-48.14360315
606149.38	5600068.1	61.21967635	54174.72	53765.74	53591.02	54035.0636	-444.0436031	-237.8736031	Varney-2018	-62.44360315
606149.38	5600068.1	61.21967635	54174.72	53762.32	53587.6	54035.0636	-447.4636031	-241.2936031	Varney-2018	-65.86360315
606149.38	5600068.1	61.21967635	54174.73	53766.5	53591.77	54035.0636	-443.2936031	-237.1236031	Varney-2018	-61.69360315
606149.38	5600068.1	61.21967635	54174.75	53774.12	53599.37	54035.0636	-435.6936031	-229.5236031	Varney-2018	-54.09360315
606149.38	5600068.1	61.21967635	54174.77	53777.11	53602.34	54035.0636	-432.7236031	-226.5536031	Varney-2018	-51.12360315
606149.38	5600068.1	61.21967635	54174.78	53782.74	53607.96	54035.0636	-427.1036031	-220.9336031	Varney-2018	-45.50360315
606149.38	5600068.1	61.21967635	54174.79	53778.34	53603.55	54035.0636	-431.5136031	-225.3436031	Varney-2018	-49.91360315
606149.38	5600068.1	61.21967635	54174.8	53780.79	53605.99	54035.0636	-429.0736031	-222.9036031	Varney-2018	-47.47360315
606149.38	5600068.1	61.21967635	54174.81	53779.36	53604.55	54035.0636	-430.5136031	-224.3436031	Varney-2018	-48.91360315
606149.38	5600068.1	61.21967635	54174.78	53779.7	53604.92	54035.0636	-430.1436031	-223.9736031	Varney-2018	-48.54360315
606149.38	5600068.1	61.21967635	54174.75	53774.67	53599.92	54035.0636	-435.1436031	-228.9736031	Varney-2018	-53.54360315
606149.38	5600068.1	61.21967635	54174.72	53774.08	53599.36	54035.0636	-435.7036031	-229.5336031	Varney-2018	-54.10360315
606149.38	5600068.1	61.21967635	54174.69	53773.36	53598.67	54035.0636	-436.3936031	-230.2236031	Varney-2018	-54.79360315
606149.38	5600068.1	61.21967635	54174.68	53775.17	53600.49	54035.0636	-434.5736031	-228.4036031	Varney-2018	-52.97360315
606149.38	5600068.1	61.21967635	54174.67	53772.36	53597.69	54035.0636	-437.3736031	-231.2036031	Varney-2018	-55.77360315
606149.38	5600068.1	61.21967635	54174.71	53773.99	53599.28	54035.0636	-435.7836031	-229.6136031	Varney-2018	-54.18360315
606149.38	5600068.1	61.21967635	54174.75	53779.52	53604.77	54035.0636	-430.2936031	-224.1236031	Varney-2018	-48.69360315
606149.38	5600068.1	61.21967635	54174.79	53776.77	53601.98	54035.0636	-433.0836031	-226.9136031	Varney-2018	-51.48360315
606149.38	5600068.1	61.21967635	54174.83	53775.14	53600.31	54035.0636	-434.7536031	-228.5836031	Varney-2018	-53.15360315
606141.62	5600110.68	59.92953819	54175.96	53757.45	53581.49	54035.25401	-453.7640139	-247.5940139	Varney-2018	-72.16401387
606141.29	5600110.56	59.89909704	54175.94	53757.47	53581.53	54035.25366	-453.7236591	-247.5536591	Varney-2018	-72.12365912
606141.04	5600111.79	59.85650819	54175.98	53755.78	53579.8	54035.25925	-455.4592476	-249.2892476	Varney-2018	-73.85924758
606141.11	5600111.28	59.87089678	54176.03	53756.71	53580.68	54035.25695	-454.5769481	-248.4069481	Varney-2018	-72.97694809
606141.57	5600111.35	59.91484321	54176.09	53759.67	53583.58	54035.25701	-451.6770093	-245.5070093	Varney-2018	-70.07700926
606140.67	5600110.44	59.8403924	54176.16	53750.07	53573.91	54035.25346	-461.343459	-255.173459	Varney-2018	-79.743459
606141.78	5600110.87	59.94238188	54176.2	53754.33	53578.13	54035.25477	-457.1247695	-250.9547695	Varney-2018	-75.5247695
606140.6	5600110.18	59.83744275	54176.24	53747.2	53570.96	54035.25234	-464.2923427	-258.1223427	Varney-2018	-82.69234266
606140.04	5600109.89	59.78723265	54176.23	53745.53	53569.3	54035.25135	-465.9513532	-259.7813532	Varney-2018	-84.35135318
606140.37	5600109.54	59.82461169	54176.22	53746.84	53570.62	54035.24962	-464.6296241	-258.4596241	Varney-2018	-83.02962411
606140.96	5600104.59	59.95535179	54176.17	53744.13	53567.96	54035.22736	-467.2673585	-261.0973585	Varney-2018	-85.66735849
606141.05	5600103.66	59.97774194	54176.12	53740.86	53564.74	54035.22319	-470.4831901	-264.3131901	Varney-2018	-88.88319011
606141.28	5600104.65	59.98516701	54176.07	53732.6	53556.53	54035.22747	-478.6974668	-272.5274668	Varney-2018	-97.0974668
606140.63	5600103.03	59.94694753	54176.02	53716.38	53540.36	54035.2206	-494.8605986	-288.6905986	Varney-2018	-113.2605986
606139.76	5600100.62	59.90035446	54176.02	53716.51	53540.49	54035.21031	-494.7203077	-288.5503077	Varney-2018	-113.1203077
606138.85	5600099.22	59.83559397	54176.03	53753.71	53577.68	54035.2045	-457.5244992	-251.3544992	Varney-2018	-75.92449925
606137.37	5600097.19	59.72725794	54176.08	53776.1	53600.02	54035.19613	-435.1761304	-229.0061304	Varney-2018	-53.57613041
606136.59	5600096.5	59.64956538	54176.14	53788.21	53612.07	54035.1938	-423.1238017	-216.9538017	Varney-2018	-41.52380169
606135.36	5600096.89	59.5033443	54176.19	53799.73	53623.54	54035.19673	-411.6567329	-205.4867329	Varney-2018	-30.05673285
606133.89	5600096.43	59.34409733	54176.24	53792.05	53615.81	54035.19608	-419.3860813	-213.2160813	Varney-2018	-37.78608126
606133.59	5600095.81	59.32086628	54176.27	53793.49	53617.22	54035.19358	-417.9735758	-211.8035758	Varney-2018	-36.37357578
606132.89	5600096.27	59.23338815	54176.3	53792.04	53615.74	54035.19632	-419.4563192	-213.2863192	Varney-2018	-37.85631922
606132.03	5600096.78	59.12652662	54176.3	53799.3	53623	54035.19945	-412.1994506	-206.0294506	Varney-2018	-30.59945061
606131.04	5600096.09	59.02679135	54176.3	53809.16	53632.86	54035.19728	-402.3372757	-196.1672757	Varney-2018	-20.73727566
606130.28	5600096.54	58.93208026	54176.31	53817.29	53640.98	54035.20005	-394.2200474	-188.0500474	Varney-2018	-12.62004742
606128.38	5600098.13	58.68477937	54176.32	53804.47	53628.15	54035.20914	-407.0591356	-200.8891356	Varney-2018	-25.45913556
606126.29	5600099.84	58.41046748	54176.32	53781.26	53604.94	54035.21904	-430.2790354	-224.1090354	Varney-2018	-48.67903538
606125.7	5600100.73	58.32391772	54176.31	53759.6	53583.29	54035.22372	-451.933718	-245.763718	Varney-2018	-70.33371804
606123.98	5600101.6	58.10642508	54176.31	53752.35	53576.04	54035.22947	-459.1894745	-253.0194745	Varney-2018	-77.58947453
606122.68	5600101.73	57.95292942	54176.32	53749.8	53573.48	54035.2314	-461.7514041	-255.5814041	Varney-2018	-80.15140407
606121.41	5600101.76	57.80504961	54176.31	53738.74	53562.43	54035.23284	-472.802842	-266.632842	Varney-2018	-91.20284198
606119.69	5600102.7	57.58346711	54176.3	53733.27	53556.97	54035.23899	-478.2689899	-272.0989899	Varney-2018	-96.66898991
606121.82	5600100.41	57.88319989	54176.31	53730.36	53554.05	54035.22615	-481.1761534	-275.0061534	Varney-2018	-99.57615337
606120.4	5600099.41	57.74276463	54176.32	53730.11	53553.79	54035.22292	-481.4329226	-275.2629226	Varney-2018	-99.83292259
606119.93	5600099.56	57.68524561	54176.34	53727.76	53551.42	54035.22409	-483.8040902	-277.6340902	Varney-2018	-102.2040902
606121.35	5600097.23	57.90180289	54176.37	53728.78	53552.41	54035.21184	-482.8018414	-276.6318414	Varney-2018	-101.2018414
606120.9	5600096.76	57.86139742	54176.41	53723.06	53546.65	54035.21009	-488.56009	-282.39009	Varney-2018	-106.96009
606120.7	5600096.62	57.8419026	54176.46	53720.95	53544.49	54035.20963	-490.7196308	-284.5496308	Varney-2018	-109.1196308
606119.98	5600096.48	57.76337245	54176.49	53710.37	53533.88	54035.20967	-501.3296706	-295.1596706	Varney-2018	-119.7296706
606119.42	5600093.71	57.76555064	54176.52	53705.06	53528.54	54035.19727	-506.6572669	-300.4872669	Varney-2018	-125.0572669
606120.27	5600095.81	57.81196879	54176.52	53705	53528.48	54035.20627	-506.7262683	-300.5562683	Varney-2018	-125.1262683
606121.01	5600094.4	57.9282886	54176.52	53703.02	53526.5	54035.199	-508.6990019	-302.5290019	Varney-2018	-127.0990019

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606120.56	5600095.77	57.84574989	54176.5	53702.11	53525.61	54035.20581	-509.5958056	-303.4258056	Varney-2018	-127.9958056
606120.41	5600098.05	57.77561448	54176.48	53695.13	53518.65	54035.21657	-516.5665744	-310.3965744	Varney-2018	-134.9665744
606119.55	5600098.4	57.66904901	54176.48	53692.6	53516.12	54035.21905	-519.0990512	-312.9290512	Varney-2018	-137.4990512
606118.5	5600100.69	57.49358597	54176.49	53684.18	53507.69	54035.23081	-527.5408075	-321.3708075	Varney-2018	-145.9408075
606118.79	5600100.45	57.53283005	54176.54	53678.96	53502.42	54035.22939	-532.8093915	-326.6393915	Varney-2018	-151.2093915
606114.92	5600100.62	57.08211128	54176.6	53688.22	53511.62	54035.23409	-523.6140932	-317.4440932	Varney-2018	-142.0140932
606114.73	5600101.42	57.03952474	54176.66	53702.31	53525.65	54035.23807	-509.5880667	-303.4180667	Varney-2018	-127.9880667
606115.03	5600102.76	57.03982826	54176.72	53710.71	53533.99	54035.24409	-501.2540908	-295.0840908	Varney-2018	-119.6540908
606114.61	5600102.81	56.98966471	54176.77	53719.21	53542.44	54035.24476	-492.8047617	-286.6347617	Varney-2018	-111.2047617
606113.09	5600101.72	56.84170795	54176.83	53731.43	53554.6	54035.24116	-480.6411614	-274.4711614	Varney-2018	-99.04116143
606112.64	5600099.68	56.84412145	54176.82	53732.1	53555.28	54035.23193	-479.951928	-273.781928	Varney-2018	-98.35192796
606110.44	5600104.84	56.44809012	54176.8	53746.41	53569.61	54035.25878	-465.6487764	-259.4787764	Varney-2018	-84.0487764
606109.63	5600105.96	56.32164549	54176.78	53755.01	53578.23	54035.265	-457.0349956	-250.8649956	Varney-2018	-75.43499561
606109.15	5600105.4	56.28095868	54176.75	53768.24	53591.49	54035.26283	-443.7728263	-237.6028263	Varney-2018	-62.1728263
606108.82	5600107.07	56.19468225	54176.73	53770.45	53593.72	54035.27119	-441.5511882	-235.3811882	Varney-2018	-59.95118817
606108.74	5600107.26	56.17981099	54176.7	53767.81	53591.11	54035.27219	-444.1621865	-237.9921865	Varney-2018	-62.5621865
606108.67	5600107.45	56.16611059	54176.71	53763.51	53586.8	54035.27317	-448.4731743	-242.3031743	Varney-2018	-66.8731743
606107.22	5600108.35	55.96815154	54176.73	53773.49	53596.76	54035.27909	-438.519088	-232.349088	Varney-2018	-56.91908797
606106.31	5600110.55	55.79500602	54176.78	53774.5	53597.72	54035.29071	-437.5707064	-231.4007064	Varney-2018	-55.97070636
606103.41	5600113.16	55.367099	54176.84	53779.78	53602.94	54035.30666	-432.3666565	-226.1966565	Varney-2018	-50.76665645
606102.72	5600113.89	55.26090585	54176.87	53787.56	53610.69	54035.31101	-424.6210083	-218.4510083	Varney-2018	-43.02100828
606102.72	5600114.99	55.22665323	54176.9	53793.26	53616.36	54035.31636	-418.9563633	-212.7863633	Varney-2018	-37.35636328
606102.37	5600115.54	55.16682253	54176.91	53796.98	53620.07	54035.31946	-415.2494554	-209.0794554	Varney-2018	-33.64945538
606101.79	5600116.24	55.07397002	54176.92	53790.43	53613.51	54035.32356	-421.8135578	-215.6435578	Varney-2018	-40.21355779
606100.61	5600116.16	54.93219545	54176.89	53803.53	53626.64	54035.32457	-408.6845738	-202.5145738	Varney-2018	-27.08457382
606099.11	5600116.76	54.72912318	54176.85	53811.65	53634.8	54035.32931	-400.5293079	-194.3593079	Varney-2018	-18.92930791
606097.95	5600117.13	54.57465986	54176.82	53811.27	53634.45	54035.33252	-400.8825206	-194.7125206	Varney-2018	-19.28252055
606096.89	5600117.59	54.42906994	54176.79	53815.71	53638.92	54035.33607	-396.4160668	-190.2460668	Varney-2018	-14.81606682
606095.52	5600118.97	54.21330091	54176.77	53812.77	53636	54035.34456	-399.3445574	-193.1745574	Varney-2018	-17.74455739
606094.6	5600119.34	54.08680179	54176.75	53811.6	53634.85	54035.34752	-400.4975207	-194.3275207	Varney-2018	-18.89752073
606093.64	5600119.17	53.97403198	54176.75	53802.96	53626.21	54035.34786	-409.137855	-202.967855	Varney-2018	-27.53785501
606093.33	5600120.19	53.89970967	54176.75	53801.25	53624.5	54035.35331	-410.8533134	-204.6833134	Varney-2018	-29.25331344
606092.82	5600121.8	53.77924617	54176.78	53807.01	53630.23	54035.36197	-405.1319703	-198.9619703	Varney-2018	-23.53197033
606090.63	5600122.07	53.49611913	54176.82	53794.2	53617.38	54035.36608	-417.9860782	-211.8160782	Varney-2018	-36.3860782
606090.89	5600121.28	53.55732956	54176.86	53782.26	53605.4	54035.36179	-429.9617947	-223.7917947	Varney-2018	-48.36179468
606090.76	5600120.39	53.57356208	54176.9	53777.29	53600.39	54035.3575	-434.9674998	-228.7974998	Varney-2018	-53.36749977
606089.51	5600120.65	53.40874717	54176.92	53775.51	53598.59	54035.36036	-436.7703577	-230.6003577	Varney-2018	-55.17035769
606088.03	5600120.58	53.22745632	54176.95	53768.28	53591.33	54035.36185	-444.0318468	-237.8618468	Varney-2018	-62.43184676
606088.16	5600119.95	53.26728496	54176.96	53761.26	53584.3	54035.35851	-451.0585104	-244.8885104	Varney-2018	-69.45851041
606087.27	5600120.72	53.12771485	54176.97	53755.34	53578.37	54035.3635	-456.9934989	-250.8234989	Varney-2018	-75.39349893
606086.98	5600122.49	53.02422081	54176.97	53745.84	53568.87	54035.3728	-466.5028039	-260.3328039	Varney-2018	-84.90280391
606087.02	5600124.2	52.96409535	54176.96	53739.49	53562.53	54035.38139	-472.8513931	-266.6813931	Varney-2018	-91.25139309
606086.16	5600124.96	52.82663297	54176.97	53734.78	53557.81	54035.38635	-477.5763468	-271.4063468	Varney-2018	-95.97634685
606085.3	5600124.87	52.72161316	54176.98	53730.04	53553.06	54035.387	-482.3270041	-276.1570041	Varney-2018	-100.7270041
606083.4	5600124.85	52.48273763	54177	53732.43	53555.43	54035.38936	-479.959361	-273.789361	Varney-2018	-98.35936101
606083.19	5600125.24	52.44073467	54177.03	53731.37	53554.34	54035.39162	-481.0516207	-274.8816207	Varney-2018	-99.45162074
606082.45	5600126.02	52.31598304	54177.07	53730.75	53553.68	54035.39656	-481.7165644	-275.5465644	Varney-2018	-100.1165644
606081.84	5600126.14	52.23388055	54177.11	53720.8	53543.69	54035.39798	-491.7079757	-285.5379757	Varney-2018	-110.1079757
606081.45	5600125.71	52.20190353	54177.14	53719.2	53542.06	54035.39629	-493.3362855	-287.1662855	Varney-2018	-111.7362855
606079.4	5600125.79	51.93923408	54177.17	53710.42	53533.25	54035.39937	-502.1493699	-295.9793699	Varney-2018	-120.5493699
606078.29	5600125.82	51.79750626	54177.18	53710.1	53532.92	54035.40097	-502.480973	-296.310973	Varney-2018	-120.880973
606078.44	5600124.27	51.88141142	54177.2	53707.98	53530.78	54035.39279	-504.6127896	-298.4427896	Varney-2018	-123.0127896
606076.64	5600124.68	51.63733502	54177.21	53707.05	53529.84	54035.39723	-505.5572278	-299.3872278	Varney-2018	-123.9572278
606077.03	5600123.43	51.73963305	54177.23	53706.49	53529.26	54035.39026	-506.1302617	-299.9602617	Varney-2018	-124.5302617
606075.84	5600124.85	51.52917293	54177.25	53706.13	53528.88	54035.39914	-506.5191425	-300.3491425	Varney-2018	-124.9191425
606074.96	5600126.66	51.33957753	54177.27	53701.3	53524.03	54035.40968	-511.3796825	-305.2096825	Varney-2018	-129.7796825
606074.78	5600126.05	51.34326699	54177.27	53702.79	53525.52	54035.40675	-509.8867495	-303.7167495	Varney-2018	-128.2867495
606073.09	5600128.95	51.00087357	54177.27	53697.91	53520.64	54035.42409	-514.7840866	-308.6140866	Varney-2018	-133.1840866
606073.14	5600128.12	51.04398188	54177.27	53697.33	53520.06	54035.41969	-515.3596907	-309.1896907	Varney-2018	-133.7596907
606073.24	5600128.68	51.03199585	54177.28	53690.56	53513.28	54035.42248	-522.1424775	-315.9724775	Varney-2018	-140.5424775
606071.36	5600126.83	50.87496227	54177.29	53682.4	53505.11	54035.41531	-530.3053071	-324.1353071	Varney-2018	-148.7053071
606070.29	5600126.44	50.75680407	54177.3	53694.57	53517.27	54035.41467	-518.1446692	-311.9746692	Varney-2018	-136.5446692
606069.57	5600126.68	50.65448732	54177.33	53712.44	53535.11	54035.41688	-500.306876	-294.136876	Varney-2018	-118.706876
606068.48	5600127.36	50.48464082	54177.37	53716.99	53539.62	54035.42189	-495.8018935	-289.6318935	Varney-2018	-114.2018935

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606069.18	5600128.56	50.51853229	54177.41	53724.45	53547.04	54035.42728	-488.3872816	-282.2172816	Varney-2018	-106.7872816
606069.52	5600130.2	50.49252833	54177.46	53719.34	53541.88	54035.4353	-493.5552984	-287.3852984	Varney-2018	-111.9552984
606069.55	5600131.77	50.44235688	54177.47	53718.97	53541.5	54035.44304	-493.9430371	-287.7730371	Varney-2018	-112.3430371
606068.58	5600134.72	50.21766519	54177.49	53742.03	53564.54	54035.45893	-470.9189314	-264.7489314	Varney-2018	-89.31893136
606068.33	5600135.58	50.15659105	54177.48	53738.18	53560.7	54035.46351	-474.7635147	-268.5935147	Varney-2018	-93.16351472
606067.84	5600135.63	50.09276595	54177.46	53731.44	53553.98	54035.4644	-481.4844044	-275.3144044	Varney-2018	-99.8844044
606066.91	5600136.21	49.95529733	54177.43	53728.7	53551.27	54035.46849	-484.198487	-278.028487	Varney-2018	-102.598487
606066.49	5600137.94	49.84393422	54177.4	53719.96	53542.56	54035.47757	-492.9175723	-286.7475723	Varney-2018	-111.3175723
606065.97	5600139.21	49.73577319	54177.38	53710.66	53533.28	54035.48451	-502.2045079	-296.0345079	Varney-2018	-120.6045079
606065.13	5600139.98	49.60441436	54177.35	53703.5	53526.15	54035.48938	-509.3393812	-303.1693812	Varney-2018	-127.7393812
606064.69	5600140.6	49.52855072	54177.33	53699.25	53521.92	54035.493	-513.5729968	-307.4029968	Varney-2018	-131.9729968
606063.92	5600140.66	49.42992452	54177.3	53701.46	53524.16	54035.49428	-511.3342755	-305.1642755	Varney-2018	-129.7342755
606064.07	5600140.79	49.44445761	54177.3	53702.51	53525.21	54035.49472	-510.2847233	-304.1147233	Varney-2018	-128.6847233
606063.4	5600141.51	49.33674478	54177.3	53702.03	53524.73	54035.49912	-510.769116	-304.599116	Varney-2018	-129.169116
606063.49	5600141.99	49.3322434	54177.33	53703.29	53525.96	54035.50136	-509.5413604	-303.3713604	Varney-2018	-127.9413604
606064.66	5600141.34	49.50024275	54177.37	53701.66	53524.29	54035.49668	-511.2066774	-305.0366774	Varney-2018	-129.6066774
606064.29	5600140.82	49.47106843	54177.43	53697.41	53519.98	54035.49459	-515.5145901	-309.3445901	Varney-2018	-133.9145901
606062.83	5600139.74	49.32321386	54177.5	53689.89	53512.39	54035.49115	-523.1011507	-316.9311507	Varney-2018	-141.5011507
606062.66	5600140.32	49.2828971	54177.55	53687.01	53509.46	54035.49422	-526.0342157	-319.8642157	Varney-2018	-144.4342157
606062.16	5600144.13	49.09615742	54177.61	53679.15	53501.54	54035.51354	-533.973544	-327.803544	Varney-2018	-152.373544
606062.38	5600146.47	49.04731929	54177.64	53680.63	53502.99	54035.52475	-532.5347496	-326.3647496	Varney-2018	-150.9347496
606061.35	5600148.82	48.83163089	54177.68	53681.31	53503.63	54035.53786	-531.9078566	-325.7378566	Varney-2018	-150.3078566
606061.51	5600151.97	48.76139623	54177.68	53691.94	53514.26	54035.55278	-521.2927807	-315.1227807	Varney-2018	-139.6927807
606061.75	5600152.67	48.7681289	54177.69	53684.12	53506.43	54035.55592	-529.1259241	-322.9559241	Varney-2018	-147.5259241
606061.87	5600153.32	48.76172582	54177.66	53683.4	53505.74	54035.55897	-529.8189676	-323.6489676	Varney-2018	-148.2189676
606061.71	5600151.55	48.79953846	54177.63	53682.98	53505.35	54035.55048	-530.2004817	-324.0304817	Varney-2018	-148.6004817
606062.14	5600152.33	48.82694604	54177.58	53679.89	53502.31	54035.55379	-533.2437899	-327.0737899	Varney-2018	-151.6437899
606062.44	5600153.17	48.83632255	54177.52	53673.7	53496.18	54035.55755	-539.3775522	-333.2075522	Varney-2018	-157.7775522
606062.21	5600154.99	48.7489558	54177.5	53681.33	53503.83	54035.56675	-531.7367545	-325.5667545	Varney-2018	-150.1367545
606063.13	5600154.05	48.89188577	54177.47	53673.11	53495.64	54035.56105	-539.9210513	-333.7510513	Varney-2018	-158.3210513
606064.55	5600154.77	49.04141823	54177.48	53673.47	53495.99	54035.56291	-539.572909	-333.402909	Varney-2018	-157.972909
606065.73	5600155.63	49.15653319	54177.49	53673.75	53496.26	54035.56575	-539.305753	-333.135753	Varney-2018	-157.705753
606066.9	5600157.17	49.2469801	54177.52	53675.85	53498.33	54035.57198	-537.2419796	-331.0719796	Varney-2018	-155.6419796
606068.65	5600159.21	49.38956177	54177.56	53676.75	53499.19	54035.58003	-536.3900345	-330.2200345	Varney-2018	-154.7900345
606068.56	5600158.3	49.40977017	54177.59	53680.62	53503.03	54035.57564	-532.5456354	-326.3756354	Varney-2018	-150.9456354
606068.62	5600158.89	49.396872	54177.62	53674.41	53496.79	54035.57849	-538.7884855	-332.6184855	Varney-2018	-157.1884855
606067.26	5600162.13	49.12288375	54177.66	53660.04	53482.38	54035.59606	-553.2160592	-347.0460592	Varney-2018	-171.6160592
606065.92	5600163.36	48.92081894	54177.7	53644.54	53466.84	54035.60364	-568.7636414	-362.5936414	Varney-2018	-187.1636414
606065.38	5600166.57	48.74910855	54177.7	53629.74	53452.04	54035.62006	-583.5800635	-377.4100635	Varney-2018	-201.9800635
606063.66	5600179.3	48.1255739	54177.71	53622.49	53444.78	54035.68453	-590.9045304	-384.7345304	Varney-2018	-209.3045304
606063.9	5600183.56	48.01287895	54177.71	53616.78	53439.07	54035.70523	-596.6352317	-390.4652317	Varney-2018	-215.0352317
606064.17	5600187.95	47.89877667	54177.72	53614.28	53436.56	54035.72656	-599.1665574	-392.9965574	Varney-2018	-217.5665574
606064.45	5600192.35	47.78486634	54177.72	53613.38	53435.66	54035.74794	-600.0879389	-393.9179389	Varney-2018	-218.4879389
606062.18	5600188.27	47.66247363	54177.73	53615.99	53438.26	54035.73004	-597.4700356	-391.3000356	Varney-2018	-215.8700356
606061.44	5600187.83	47.58878038	54177.73	53616.17	53438.44	54035.72869	-597.2886933	-391.1186933	Varney-2018	-215.6886933
606067.01	5600175.37	48.64587043	54177.73	53619.64	53441.91	54035.66172	-593.7517176	-387.5817176	Varney-2018	-212.1517176
606065.65	5600180.32	48.32174391	54177.72	53628.19	53450.47	54035.68753	-585.2175333	-379.0475333	Varney-2018	-203.6175333
606065.82	5600178.34	48.40761991	54177.7	53629.63	53451.93	54035.6776	-583.7476007	-377.5776007	Varney-2018	-202.1476007
606067.66	5600176.04	48.69899642	54177.71	53637.55	53459.84	54035.66435	-575.8243504	-369.6543504	Varney-2018	-194.2243504
606066.24	5600176.99	48.50163277	54177.73	53641.37	53463.64	54035.67051	-572.0305119	-365.8605119	Varney-2018	-190.4305119
606067.54	5600175.81	48.69280853	54177.74	53635.06	53457.32	54035.66334	-578.3433386	-372.1733386	Varney-2018	-196.7433386
606065.7	5600177.01	48.43816676	54177.76	53640.79	53463.03	54035.67117	-572.6411682	-366.4711682	Varney-2018	-191.0411682
606066.63	5600178.22	48.50557863	54177.78	53632.04	53454.26	54035.67618	-581.4161793	-375.2461793	Varney-2018	-199.8161793
606064.75	5600185.7	48.03928806	54177.8	53623.98	53446.18	54035.71493	-589.5349256	-383.3649256	Varney-2018	-207.9349256
606062.95	5600186.26	47.81560772	54177.83	53616.07	53438.24	54035.71943	-597.4794289	-391.3094289	Varney-2018	-215.8794289
606062.97	5600187.32	47.78318522	54177.87	53610.05	53432.18	54035.72461	-603.5446146	-397.3746146	Varney-2018	-221.9446146
606063.35	5600186.96	47.83820096	54177.89	53602.31	53424.42	54035.72248	-611.3024799	-405.1324799	Varney-2018	-229.7024799
606061.96	5600188.6	47.62679982	54177.91	53602.24	53424.33	54035.73186	-611.4018643	-405.2318643	Varney-2018	-229.8018643
606060.92	5600189.75	47.43370597	54177.96	53606.21	53428.25	54035.7395	-607.4895009	-401.3195009	Varney-2018	-225.8895009
606058.8	5600190.59	47.02870426	54178.01	53632.5	53454.49	54035.74929	-581.2592899	-375.0892899	Varney-2018	-199.6592899
606057.37	5600191.38	46.75003777	54178.01	53660.98	53482.97	54035.75694	-552.7869413	-346.6169413	Varney-2018	-171.1869413
606056.95	5600191.66	46.66702501	54178	53670.03	53492.03	54035.75941	-543.7294134	-337.5594134	Varney-2018	-162.1294134
606056.3	5600192.52	46.52634274	54177.96	53680.32	53502.36	54035.76529	-533.4052878	-327.2352878	Varney-2018	-151.8052878
606055.26	5600193.02	46.32773042	54177.91	53688.15	53510.24	54035.77044	-525.5304436	-319.3604436	Varney-2018	-143.9304436

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606054.13	5600193.73	46.10796936	54177.84	53684.85	53507.01	54035.77682	-528.7668245	-322.5968245	Varney-2018	-147.1668245
606053.69	5600193.31	46.04195604	54177.76	53690.74	53512.98	54035.77598	-522.7959752	-316.6259752	Varney-2018	-141.1959752
606053.27	5600192.79	45.98200799	54177.72	53699.54	53521.82	54035.7746	-513.9546018	-307.7846018	Varney-2018	-132.3546018
606053.42	5600193.94	45.97688306	54177.68	53697.01	53519.33	54035.77969	-516.4496939	-310.2796939	Varney-2018	-134.8496939
606052.42	5600193.19	45.82074236	54177.68	53708.13	53530.45	54035.77875	-505.3287525	-299.1587525	Varney-2018	-123.7287525
606049.78	5600192.19	45.37936372	54177.69	53706.75	53529.06	54035.781	-506.7210021	-300.5510021	Varney-2018	-125.1210021
606049.47	5600190.79	45.35964255	54177.73	53704.59	53526.86	54035.77523	-508.9152304	-302.7452304	Varney-2018	-127.3152304
606048.45	5600197.38	45.01581978	54177.77	53703.73	53525.96	54035.8089	-509.8488952	-303.6788952	Varney-2018	-128.2488952
606048.22	5600198.48	44.94883521	54177.82	53693.97	53516.15	54035.81465	-519.6646464	-313.4946464	Varney-2018	-138.0646464
606047.15	5600198.8	44.75541064	54177.88	53676.78	53498.9	54035.81888	-536.9188754	-330.7488754	Varney-2018	-155.3188754
606045.74	5600200.68	44.46764777	54177.88	53669.84	53491.96	54035.83121	-543.8712149	-337.7012149	Varney-2018	-162.2712149
606044.36	5600202.29	44.19416142	54177.89	53657.32	53479.43	54035.84215	-556.4121458	-350.2421458	Varney-2018	-174.8121458
606043.36	5600203.32	44.00058338	54177.89	53650.93	53473.04	54035.84939	-562.8093923	-356.6393923	Varney-2018	-181.2093923
606043.07	5600202.63	43.96581385	54177.88	53640.68	53462.8	54035.84693	-573.0469306	-366.8769306	Varney-2018	-191.4469306
606041.13	5600204.37	43.59854317	54177.89	53617.16	53439.27	54035.85973	-596.5897257	-390.4197257	Varney-2018	-214.9897257
606039.3	5600207.98	43.18585822	54177.9	53602.51	53424.61	54035.88151	-611.27151	-405.10151	Varney-2018	-229.67151
606037.35	5600205.46	42.93582999	54177.91	53594.88	53416.97	54035.87396	-618.9039554	-412.7339554	Varney-2018	-237.3039554
606036.21	5600203.76	42.77200771	54177.92	53599	53421.08	54035.86909	-614.7890906	-408.6190906	Varney-2018	-233.1890906
606036.39	5600202.63	42.82235869	54177.93	53600.37	53422.44	54035.86356	-613.4235568	-407.2535568	Varney-2018	-231.8235568
606035.9	5600203.59	42.72206009	54177.94	53613.91	53435.97	54035.86909	-599.8990923	-393.7290923	Varney-2018	-218.2990923
606035.96	5600204.3	42.72012519	54177.93	53622.94	53445.01	54035.87214	-590.8621366	-384.6921366	Varney-2018	-209.2621366
606035.03	5600206.18	42.52248914	54177.91	53647.65	53469.74	54035.88307	-566.1430701	-359.9730701	Varney-2018	-184.5430701
606034.33	5600206.75	42.38678412	54177.9	53653.68	53475.78	54035.88754	-560.1075376	-353.9375376	Varney-2018	-178.5075376
606033.32	5600206.86	42.2129374	54177.89	53675.49	53497.6	54035.89052	-538.2905215	-332.1205215	Varney-2018	-156.6905215
606032.66	5600206.19	42.12134286	54177.88	53674.49	53496.61	54035.88889	-539.2788888	-333.1088888	Varney-2018	-157.6788888
606032.2	5600206.44	42.03619898	54177.87	53679.24	53501.37	54035.89121	-534.5212141	-328.3512141	Varney-2018	-152.9212141
606031.44	5600206.38	41.90948968	54177.86	53685.76	53507.9	54035.89277	-527.9927734	-321.8227734	Varney-2018	-146.3927734
606033.18	5600207.08	42.18273972	54177.85	53688.64	53510.79	54035.89192	-525.1019245	-318.9319245	Varney-2018	-143.5019245
606032.54	5600207.99	42.04788599	54177.88	53691.03	53513.15	54035.89787	-522.7478669	-316.5778669	Varney-2018	-141.1478669
606031.61	5600208.1	41.8881746	54177.91	53701.77	53523.86	54035.90064	-512.04064	-305.87064	Varney-2018	-130.44064
606032	5600209.96	41.89932333	54177.94	53696.42	53518.48	54035.90866	-517.4286627	-311.2586627	Varney-2018	-135.8286627
606030.82	5600212.12	41.63976467	54177.98	53698.28	53520.3	54035.92186	-515.6218576	-309.4518576	Varney-2018	-134.0218576
606030.37	5600213.48	41.52611155	54178	53689.7	53511.7	54035.92945	-524.2294464	-318.0594464	Varney-2018	-142.6294464
606028.78	5600214.02	41.24760074	54178.03	53681.88	53503.85	54035.93575	-532.0857547	-325.9157547	Varney-2018	-150.4857547
606029.6	5600214.16	41.37934952	54178.04	53681.47	53503.43	54035.93451	-532.5045082	-326.3345082	Varney-2018	-150.9045082
606029.82	5600212.49	41.46294273	54178.05	53688.77	53510.72	54035.92599	-525.2059919	-319.0359919	Varney-2018	-143.6059919
606028.22	5600213.99	41.15575892	54178.05	53669.43	53491.38	54035.93692	-544.5569206	-338.3869206	Varney-2018	-162.9569206
606027.99	5600214.28	41.10974664	54178.06	53670.66	53492.6	54035.93884	-543.3388415	-337.1688415	Varney-2018	-161.7388415
606027.04	5600214.9	40.93593814	54178.08	53666.54	53488.46	54035.94401	-547.4840089	-341.3140089	Varney-2018	-165.8840089
606026.39	5600214.99	40.82624483	54178.1	53658.43	53480.33	54035.94595	-555.6159488	-349.4459488	Varney-2018	-174.0159488
606026.51	5600214.32	40.86395071	54178.12	53654.27	53476.15	54035.94249	-559.7924866	-353.6224866	Varney-2018	-178.1924866
606025.29	5600211.55	40.73467872	54178.14	53644.12	53465.98	54035.93222	-569.9522161	-363.7822161	Varney-2018	-188.3522161
606026.12	5600211.46	40.87536997	54178.13	53636.34	53458.21	54035.92982	-577.7198232	-371.5498232	Varney-2018	-196.1198232
606026.52	5600212.78	40.90676118	54178.12	53628.34	53450.22	54035.93515	-585.7151467	-379.5451467	Varney-2018	-204.1151467
606026.2	5600213.58	40.83236239	54178.12	53627.81	53449.69	54035.9397	-586.2496974	-380.0796974	Varney-2018	-204.6496974
606021.12	5600215.97	39.9328417	54178.11	53618.1	53439.99	54035.9628	-595.9727959	-389.8027959	Varney-2018	-214.3727959
606015.7	5600216.13	39.03741648	54178.11	53610.45	53432.34	54035.97607	-603.6360744	-397.4660744	Varney-2018	-222.0360744
606017.04	5600221.49	39.13829564	54178.12	53615.08	53436.96	54035.99781	-599.0378131	-392.8678131	Varney-2018	-217.4378131
606015.7	5600223.64	38.87461961	54178.1	53621.08	53442.98	54036.01075	-593.0307484	-386.8607484	Varney-2018	-211.4307484
606017.09	5600225.75	39.05128716	54178.08	53650.3	53472.22	54036.01744	-563.7974427	-357.6274427	Varney-2018	-182.1974427
606020.78	5600224.63	39.66863815	54178.05	53662.32	53484.27	54036.00411	-551.7341107	-345.5641107	Varney-2018	-170.1341107
606021.12	5600226.16	39.68618223	54178.02	53640.41	53462.39	54036.01053	-573.6205273	-367.4505273	Varney-2018	-192.0205273
606021.13	5600228.17	39.63911686	54178.01	53617.64	53439.63	54036.01992	-596.3899207	-390.2199207	Varney-2018	-214.7899207
606021.14	5600230.37	39.58743182	54177.99	53589.25	53411.26	54036.0302	-624.7702047	-418.6002047	Varney-2018	-243.1702047
606020.6	5600233.05	39.43797116	54178.03	53581.17	53403.14	54036.04389	-632.903894	-426.733894	Varney-2018	-251.303894
606020.59	5600230.64	39.49414579	54178.07	53579.51	53401.44	54036.03264	-634.5926421	-428.4226421	Varney-2018	-252.9926421
606020.62	5600227.56	39.57271359	54178.12	53613.77	53435.65	54036.01817	-600.3681701	-394.1981701	Varney-2018	-218.7681701
606018.24	5600228.22	39.17882267	54178.18	53642.84	53464.66	54036.0264	-571.3664031	-365.1964031	Varney-2018	-189.7664031
606017.25	5600227.56	39.03634304	54178.21	53651.17	53472.96	54036.02548	-563.0654835	-356.8954835	Varney-2018	-181.4654835
606015.66	5600226.57	38.8047201	54178.25	53679.49	53501.24	54036.02436	-534.7843636	-328.6143636	Varney-2018	-153.1843636
606015.45	5600227.16	38.7584786	54178.23	53702.88	53524.65	54036.02754	-511.3775442	-305.2075442	Varney-2018	-129.7775442
606015.18	5600227.5	38.70816709	54178.21	53714.26	53536.05	54036.0297	-499.9796991	-293.8096991	Varney-2018	-118.3796991
606015.35	5600226.89	38.74835269	54178.19	53699.26	53521.07	54036.02652	-514.9565163	-308.7865163	Varney-2018	-133.3565163
606014.68	5600227.29	38.63302521	54178.16	53710.07	53531.91	54036.02982	-504.1198176	-297.9498176	Varney-2018	-122.5198176

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606014.29	5600226.98	38.57741957	54178.16	53715.05	53536.89	54036.02924	-499.1392394	-292.9692394	Varney-2018	-117.5392394
606016.38	5600226.93	38.91173009	54178.16	53713.7	53535.54	54036.02446	-500.4844575	-294.3144575	Varney-2018	-118.8844575
606016.16	5600227.35	38.86745551	54178.18	53716.51	53538.33	54036.02688	-497.6968782	-291.5268782	Varney-2018	-116.0968782
606015.95	5600227.75	38.82529366	54178.2	53722.28	53544.08	54036.02918	-491.9491825	-285.7791825	Varney-2018	-110.3491825
606015.75	5600227.82	38.79196026	54178.2	53735.06	53556.86	54036.02994	-479.1699393	-272.9999393	Varney-2018	-97.56993931
606015.79	5600228.16	38.79093725	54178.19	53741.79	53563.6	54036.03142	-472.4314228	-266.2614228	Varney-2018	-90.8314228
606014.01	5600228.35	38.50416113	54178.19	53758.9	53580.71	54036.03615	-455.3261457	-249.1561457	Varney-2018	-73.72614569
606013.98	5600229.02	38.4854112	54178.2	53778.89	53600.69	54036.03929	-435.3492897	-229.1792897	Varney-2018	-53.74928966
606014.38	5600230.04	38.52732016	54178.2	53791.39	53613.19	54036.04312	-422.8531215	-216.6831215	Varney-2018	-41.25312154
606014.38	5600230.92	38.50878604	54178.2	53811.7	53633.5	54036.04717	-402.5471702	-196.3771702	Varney-2018	-20.94717016
606014.34	5600231.45	38.49132962	54178.23	53813.4	53635.17	54036.04969	-400.8796934	-194.7096934	Varney-2018	-19.2796934
606015.83	5600230.38	38.74903412	54178.27	53813.89	53635.62	54036.04159	-400.4215897	-194.2515897	Varney-2018	-18.82158969
606015.15	5600231.21	38.62392048	54178.32	53812.33	53634.01	54036.04687	-402.0368681	-195.8668681	Varney-2018	-20.43686814
606015.4	5600231.96	38.64713182	54178.37	53817.64	53639.27	54036.0498	-396.7797969	-190.6097969	Varney-2018	-15.17979689
606014.5	5600232.55	38.49327567	54178.39	53822.88	53644.49	54036.05442	-391.5644163	-185.3944163	Varney-2018	-9.964416284
606017.22	5600231.61	38.94090291	54178.41	53834.7	53656.29	54036.04432	-379.7543238	-173.5843238	Varney-2018	1.84567619
606017.32	5600233.68	38.91019337	54178.41	53844.1	53665.69	54036.05371	-370.3637106	-164.1937106	Varney-2018	11.23628943
606016.64	5600234.86	38.77780912	54178.41	53835.59	53657.18	54036.0606	-378.8805966	-172.7105966	Varney-2018	2.719403416
606016.22	5600236.16	38.68389625	54178.42	53843.52	53665.1	54036.06748	-370.9674806	-164.7974806	Varney-2018	10.6325194
606015.27	5600234.64	38.5691502	54178.44	53845.69	53667.25	54036.06243	-368.8124313	-162.6424313	Varney-2018	12.78756869
606015.1	5600236	38.51355398	54178.45	53855.45	53677	54036.06905	-359.0690544	-152.8990544	Varney-2018	22.53094561
606014.42	5600236.5	38.39746243	54178.47	53852.64	53674.17	54036.07276	-361.9027596	-155.7327596	Varney-2018	19.69724036
606014.1	5600236.18	38.35456368	54178.48	53851.93	53673.45	54036.07195	-362.6219476	-156.4519476	Varney-2018	18.97805244
606013.25	5600240.71	38.12967533	54178.5	53854.66	53676.16	54036.09448	-359.9344792	-153.7644792	Varney-2018	21.66552078
606011.62	5600243.38	37.82744796	54178.5	53845.37	53666.87	54036.10994	-369.2399438	-163.0699438	Varney-2018	12.36005617
606012.24	5600244.87	37.89165732	54178.5	53833.15	53654.65	54036.11554	-381.4655353	-175.2955353	Varney-2018	0.134464709
606012.5	5600245.51	37.91802127	54178.49	53830.03	53651.54	54036.11796	-384.5779563	-178.4079563	Varney-2018	-2.977956302
606012.8	5600245.93	37.9547208	54178.48	53829.04	53650.56	54036.1193	-385.559296	-179.389296	Varney-2018	-3.959295985
606012.06	5600247.2	37.81791078	54178.47	53830.85	53652.38	54036.12654	-383.74654	-177.57654	Varney-2018	-2.146540006
606011.29	5600248.03	37.68612828	54178.46	53821.69	53643.23	54036.13181	-392.9018106	-186.7318106	Varney-2018	-11.30181063
606011.08	5600249.08	37.63421215	54178.47	53810.59	53632.12	54036.137	-404.017001	-197.847001	Varney-2018	-22.41700096
606011.08	5600249.96	37.61703289	54178.49	53808.52	53630.03	54036.14101	-406.1110136	-199.9410136	Varney-2018	-24.5110136
606012.12	5600248.43	37.80230189	54178.52	53805.29	53626.77	54036.13205	-409.3620488	-203.1920488	Varney-2018	-27.7620488
606012.71	5600246.05	37.93873382	54178.56	53797.32	53618.76	54036.12002	-417.3600204	-211.1900204	Varney-2018	-35.76002043
606012.12	5600247.24	37.82611034	54178.57	53781.3	53602.73	54036.12661	-433.3966073	-227.2266073	Varney-2018	-51.79660729
606010.62	5600251.82	37.51271486	54178.59	53768.16	53589.57	54036.15035	-446.580355	-240.410355	Varney-2018	-64.98035499
606012.11	5600252.95	37.71039662	54178.59	53759.8	53581.21	54036.15274	-454.9427359	-248.7727359	Varney-2018	-73.34273592
606010.48	5600254.94	37.43198204	54178.58	53742.38	53563.8	54036.16482	-472.3648202	-266.1948202	Varney-2018	-90.76482022
606010.55	5600254.34	37.45379386	54178.58	53719.72	53541.14	54036.16196	-495.0219601	-288.8519601	Varney-2018	-113.4219601
606009.86	5600254.34	37.35259414	54178.57	53710.98	53532.41	54036.16323	-503.7532288	-297.5832288	Varney-2018	-122.1532288
606009.58	5600253.48	37.32771457	54178.56	53705.73	53527.17	54036.15984	-508.9898381	-302.8198381	Varney-2018	-127.3898381
606009.87	5600253.76	37.36505608	54178.54	53683.74	53505.2	54036.16057	-530.9605744	-324.7905744	Varney-2018	-149.3605744
606008.84	5600254.67	37.1968972	54178.54	53675.93	53497.39	54036.1666	-538.7765998	-332.6065998	Varney-2018	-157.1765998
606008.6	5600254.26	37.16926384	54178.55	53666.99	53488.44	54036.16518	-547.7251831	-341.5551831	Varney-2018	-166.1251831
606007.23	5600257.48	36.91120321	54178.56	53668.9	53490.34	54036.18223	-545.8422326	-339.6722326	Varney-2018	-164.2422326
606006.41	5600257.72	36.78797579	54178.58	53658.42	53479.84	54036.18479	-556.3447889	-350.1747889	Varney-2018	-174.7447889
606007.42	5600259.39	36.90476608	54178.63	53664.58	53485.95	54036.19051	-550.2405133	-344.0705133	Varney-2018	-168.6405133
606006.92	5600261.13	36.80201994	54178.68	53651.47	53472.79	54036.19925	-563.4092458	-357.2392458	Varney-2018	-181.8092458
606006.45	5600259.66	36.76009751	54178.73	53647.08	53468.35	54036.19345	-567.8434518	-361.6734518	Varney-2018	-186.2434518
606005.88	5600259.25	36.68492179	54178.78	53632.26	53453.48	54036.19262	-582.7126192	-376.5426192	Varney-2018	-201.1126192
606004.19	5600263.82	36.36640242	54178.78	53597.01	53418.23	54036.21607	-617.9860723	-411.8160723	Varney-2018	-236.3860723
606005.16	5600262.03	36.5343788	54178.79	53590.03	53411.24	54036.20637	-624.9663718	-418.7963718	Varney-2018	-243.3663718
606006.07	5600261.44	36.6747191	54178.77	53567.28	53388.51	54036.20213	-647.6921316	-441.5221316	Varney-2018	-266.0921316
606006.3	5600259.18	36.74676994	54178.75	53521.78	53343.03	54036.19156	-693.1615575	-486.9915575	Varney-2018	-311.5615575
606005.18	5600260.14	36.56893429	54178.72	53501	53322.28	54036.19786	-713.9178569	-507.7478569	Varney-2018	-332.3178569
606003.7	5600262.39	36.31969581	54178.69	53461.54	53282.85	54036.21053	-753.3605259	-547.1905259	Varney-2018	-371.7605259
606002.5	5600262.91	36.14013331	54178.69	53448.8	53270.11	54036.21493	-766.1049286	-559.9349286	Varney-2018	-384.5049286
606001.42	5600262.49	35.99235824	54178.68	53423.87	53245.19	54036.21493	-791.0249348	-584.8549348	Varney-2018	-409.4249348
606001.14	5600261.81	35.96247775	54178.71	53412.48	53233.77	54036.2124	-802.4424044	-596.2724044	Varney-2018	-420.8424044
606002.44	5600261.43	36.1544998	54178.75	53355.71	53176.96	54036.20844	-859.2484423	-653.0784423	Varney-2018	-477.6484423
606002.14	5600261.32	36.11318088	54178.83	53314.6	53135.77	54036.20848	-900.4384782	-694.2684782	Varney-2018	-518.8384782
606002.48	5600263.21	36.13262707	54178.91	53284.95	53106.04	54036.2163	-930.1762992	-724.0062992	Varney-2018	-548.5762992
606001.46	5600264.48	35.96815571	54178.96	53222.83	53043.87	54036.2237	-992.3537024	-786.1837024	Varney-2018	-610.7537024
606002.04	5600265.75	36.03104182	54179.01	53176.27	52997.26	54036.22836	-1038.968358	-832.7983576	Varney-2018	-657.3683576

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606000.05	5600270.64	35.67947128	54179.02	53162.89	52983.87	54036.25337	-1052.383365	-846.2133652	Varney-2018	-670.7833652
606000.76	5600267.26	35.82791507	54179.03	53173.16	52994.13	54036.23722	-1042.107223	-835.9372227	Varney-2018	-660.5072227
606001.42	5600267.98	35.90992562	54178.99	53124.73	52945.74	54036.23931	-1090.499312	-884.3293117	Varney-2018	-708.8993117
606000.29	5600268.6	35.74240127	54178.95	53099.47	52920.52	54036.24394	-1115.723943	-909.5539428	Varney-2018	-734.1239428
605999.7	5600268.92	35.6552454	54178.89	53075.36	52896.47	54036.24634	-1139.776338	-933.6063375	Varney-2018	-758.1763375
605999.6	5600268.67	35.64480048	54178.83	53010.46	52831.63	54036.2454	-1204.615399	-998.4453989	Varney-2018	-823.0153989
606001.22	5600268.51	35.87395659	54178.81	52983.76	52804.95	54036.242	-1231.291998	-1025.121998	Varney-2018	-849.6919976
605999.29	5600268.7	35.60098584	54178.79	53079.65	52900.86	54036.24605	-1135.386046	-929.2160463	Varney-2018	-753.7860463
605999.64	5600269.66	35.63635696	54178.84	53097.31	52918.47	54036.24971	-1117.779706	-911.6097065	Varney-2018	-736.1797065
606000.13	5600270.1	35.69837934	54178.89	53109.59	52930.7	54036.25085	-1105.550845	-899.3808451	Varney-2018	-723.9508451
605999.77	5600270.03	35.64922365	54178.96	53864.98	53686.02	54036.25113	-350.2311274	-144.0611274	Varney-2018	31.36887258
606001.18	5600270.73	35.83526955	54179.04	54387.03	54207.99	54036.25191	171.7380851	377.9080851	Varney-2018	553.3380851
606000.76	5600270.65	35.77805791	54179.1	54295.48	54116.38	54036.25225	80.12775269	286.2977527	Varney-2018	461.7277527
605999.64	5600272.75	35.59252656	54179.16	54062.71	53883.55	54036.26336	-152.7133587	53.45664135	Varney-2018	228.8866413
606000.1	5600272.02	35.66655346	54179.17	53979.78	53800.61	54036.25939	-235.6493883	-29.47938828	Varney-2018	145.9506117
606000.31	5600273.18	35.67880444	54179.19	53934.31	53755.12	54036.26418	-281.1441828	-74.97418283	Varney-2018	100.4558172
606002.05	5600274.66	35.89605229	54179.18	53901.96	53722.78	54036.26797	-313.4879724	-107.3179724	Varney-2018	68.11202758
606000.44	5600274.8	35.6731447	54179.16	53869.01	53689.85	54036.27115	-346.4211476	-140.2511476	Varney-2018	35.17885239
605999.91	5600276.83	35.57142029	54179.12	53800.89	53621.77	54036.28096	-414.5109635	-208.3409635	Varney-2018	-32.91096354
605999.68	5600277.91	35.52476084	54179.07	53775.46	53596.39	54036.28609	-439.8960946	-233.7260946	Varney-2018	-58.29609456
605999.73	5600278.41	35.52443103	54179.04	53742.13	53563.09	54036.28823	-473.1982269	-267.0282269	Varney-2018	-91.59822686
605999.41	5600281.04	35.4440681	54179.01	53707.57	53528.56	54036.30033	-507.7403322	-301.5703322	Varney-2018	-126.1403322
605997.51	5600281.64	35.18283336	54179.02	53672.42	53493.4	54036.30579	-542.9057882	-336.7357882	Varney-2018	-161.3057882
605996.34	5600281.87	35.02606552	54179.03	53661.06	53482.03	54036.30848	-554.2784755	-348.1084755	Varney-2018	-172.6784755
605995.27	5600285.3	34.88384641	54179.05	53644.59	53465.54	54036.32392	-570.7839159	-364.6139159	Varney-2018	-189.1839159
605993.64	5600285.94	34.67034598	54179.07	53648.54	53469.47	54036.32882	-566.8588213	-360.6888213	Varney-2018	-185.2588213
605992.82	5600285.04	34.56117632	54179.1	53660.88	53481.78	54036.3264	-554.546397	-348.376397	Varney-2018	-172.946397
605991.59	5600286.99	34.40443004	54179.13	53658.82	53479.69	54036.33591	-556.6459125	-350.4759125	Varney-2018	-175.0459125
605989.48	5600288.07	34.13367526	54179.15	53676.76	53497.61	54036.34313	-538.7331301	-332.5631301	Varney-2018	-157.1331301
605989.12	5600288.02	34.08677288	54179.17	53688.68	53509.51	54036.34343	-526.8334334	-320.6634334	Varney-2018	-145.2334334
605989.32	5600288.09	34.11300837	54179.18	53693.02	53513.84	54036.34343	-522.5034308	-316.3334308	Varney-2018	-140.9034308
605988.8	5600287.78	34.04418163	54179.2	53692.48	53513.28	54036.34294	-523.0629366	-316.8929366	Varney-2018	-141.4629366
605988.49	5600288.41	34.00688381	54179.2	53701.99	53522.79	54036.34584	-513.5558361	-307.3858361	Varney-2018	-131.9558361
605988.13	5600288.6	33.96121517	54179.2	53700.6	53521.4	54036.34708	-514.9470768	-308.7770768	Varney-2018	-133.3470768
605987.22	5600289.13	33.84645019	54179.21	53696.65	53517.44	54036.3504	-518.9103959	-312.7403959	Varney-2018	-137.3103959
605987.26	5600288.85	33.85006663	54179.23	53691.54	53512.31	54036.34925	-524.0392504	-317.8692504	Varney-2018	-142.4392504
605987.16	5600289.03	33.83815286	54179.25	53690.61	53511.36	54036.35009	-524.9900887	-318.8200887	Varney-2018	-143.3900887
605987.37	5600288.68	33.86335135	54179.27	53689.37	53510.1	54036.34844	-526.2484366	-320.0784366	Varney-2018	-144.6484366
605985.35	5600288.97	33.62990868	54179.26	53698.44	53519.18	54036.35166	-517.1716559	-311.0016559	Varney-2018	-135.5716559
605983.36	5600288.97	33.57803903	54179.24	53724.32	53545.08	54036.34895	-491.2689471	-285.0989471	Varney-2018	-109.6689471
605982.6	5600291.41	33.57486864	54179.24	53730.01	53550.77	54036.35733	-485.5873331	-279.4173331	Varney-2018	-103.9873331
605981.38	5600295.42	33.57099017	54179.23	53739.5	53560.27	54036.37114	-476.1011392	-269.9311392	Varney-2018	-94.5011392
605979.13	5600292.55	33.49310523	54179.24	53769.46	53590.22	54036.35699	-446.1369869	-239.9669869	Varney-2018	-64.53698693
605977.98	5600291.78	33.45792038	54179.26	53744.32	53565.06	54036.35245	-471.2924476	-265.1224476	Varney-2018	-89.69244756
605977.96	5600292.98	33.46599362	54179.3	53717.43	53538.13	54036.35704	-498.2270425	-292.0570425	Varney-2018	-116.6270425
605977.75	5600293.87	33.46696645	54179.35	53699.88	53520.53	54036.36018	-515.8301828	-309.6601828	Varney-2018	-134.2301828
605976.76	5600294.94	33.4492705	54179.41	53690.76	53511.35	54036.36294	-525.0129447	-318.8429447	Varney-2018	-143.4129447
605976.5	5600295.14	33.4440602	54179.48	53688.42	53508.94	54036.36336	-527.4233576	-321.2533576	Varney-2018	-145.8233576
605976.26	5600296.35	33.44672536	54179.5	53688.5	53509	54036.36768	-527.3676848	-321.1976848	Varney-2018	-145.7676848
605975.9	5600298.01	33.4496698	54179.53	53691.15	53511.62	54036.37358	-524.7535771	-318.5835771	Varney-2018	-143.1535771
605975.86	5600300.04	33.46349762	54179.51	53698.74	53519.23	54036.38133	-517.1513329	-310.9813329	Varney-2018	-135.5513329
605974.56	5600300.06	33.43081369	54179.48	53696.63	53517.15	54036.37961	-519.2296123	-313.0596123	Varney-2018	-137.6296123
605974.44	5600299.28	33.4219986	54179.42	53704.44	53525.02	54036.37645	-511.3564472	-305.1864472	Varney-2018	-129.7564472
605973.54	5600300.11	33.40542873	54179.36	53703.24	53523.88	54036.37839	-512.498394	-306.328394	Varney-2018	-130.898394
605972.96	5600301.85	33.40387604	54179.33	53709.13	53529.8	54036.38428	-506.5842773	-300.4142773	Varney-2018	-124.9842773
605972.11	5600302.98	33.3910943	54179.3	53719.1	53539.8	54036.38744	-496.5874388	-290.4174388	Varney-2018	-114.9874388
605971.62	5600305.08	33.39483161	54179.3	53733.45	53554.15	54036.39482	-482.2448215	-276.0748215	Varney-2018	-100.6448215
605971.11	5600304.14	33.37493919	54179.31	53733.63	53554.32	54036.3905	-482.0705031	-275.9005031	Varney-2018	-100.4705031
605969.93	5600303.74	33.34239323	54179.36	53729.1	53549.74	54036.38733	-486.6473276	-280.4773276	Varney-2018	-105.0473276
605968.11	5600304.3	33.30133321	54179.41	53736.39	53556.98	54036.38694	-479.4069443	-273.2369443	Varney-2018	-97.80694433
605967.53	5600305.07	33.2929654	54179.43	53737.1	53557.67	54036.38909	-478.7190879	-272.5490879	Varney-2018	-97.11908789
605967.57	5600307.64	33.31431188	54179.45	53749.46	53570.01	54036.39899	-466.388991	-260.218991	Varney-2018	-84.78899101
605968.06	5600306.5	33.31742824	54179.45	53755.66	53576.21	54036.39531	-460.1853066	-254.0153066	Varney-2018	-78.58530657
605966.41	5600308.43	33.29198318	54179.45	53770.75	53591.3	54036.4004	-445.1003952	-238.9303952	Varney-2018	-63.5003952

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605967.38	5600309.2	33.32199377	54179.43	53784.34	53604.91	54036.4047	-431.4947023	-225.3247023	Varney-2018	-49.89470234
605967.44	5600310.63	33.33480619	54179.4	53787.77	53608.37	54036.41027	-428.0402653	-221.8702653	Varney-2018	-46.44026531
605967.08	5600311.61	33.3337885	54179.39	53796.03	53616.64	54036.41351	-419.7735142	-213.6035142	Varney-2018	-38.17351424
605967.33	5600311.33	33.33766865	54179.37	53798.27	53618.9	54036.41279	-417.5127928	-211.3427928	Varney-2018	-35.91279279
605967.59	5600311.16	33.34267443	54179.4	53800.43	53621.03	54036.41251	-415.3825066	-209.2125066	Varney-2018	-33.7825066
605967.74	5600311.85	33.35179605	54179.43	53803.53	53624.1	54036.41536	-412.3153613	-206.1453613	Varney-2018	-30.71536133
605967.49	5600312.22	33.34863022	54179.51	53800.14	53620.63	54036.41643	-415.7864276	-209.6164276	Varney-2018	-34.18642758
605966.4	5600311.94	33.31983167	54179.59	53808.72	53629.13	54036.41382	-407.2838224	-201.1138224	Varney-2018	-25.68382243
605967.24	5600313.54	33.35302358	54179.65	53812.47	53632.82	54036.42113	-403.601133	-197.431133	Varney-2018	-22.00113296
605966.32	5600314.75	33.34038924	54179.72	53815.59	53635.87	54036.42447	-400.5544701	-194.3844701	Varney-2018	-18.95447014
605966.36	5600314.86	33.34223721	54179.72	53814.85	53635.13	54036.42495	-401.2949478	-195.1249478	Varney-2018	-19.69494781
605966.28	5600314.86	33.3403035	54179.72	53812.76	53633.04	54036.42483	-403.3848349	-197.2148349	Varney-2018	-21.7848349
605966.69	5600315.83	33.35795733	54179.71	53813.02	53633.31	54036.42913	-403.1191287	-196.9491287	Varney-2018	-21.51912866
605966.51	5600315.64	33.35209997	54179.69	53816.48	53636.79	54036.42815	-399.6381466	-193.4681466	Varney-2018	-18.03814663
605966.84	5600315.32	33.35750666	54179.67	53819.07	53639.4	54036.42739	-397.0273872	-190.8573872	Varney-2018	-15.42738724
605967.27	5600314.43	33.36081877	54179.64	53819.13	53639.49	54036.42458	-396.9345849	-190.7645849	Varney-2018	-15.33458489
605967.26	5600315.01	33.36518272	54179.65	53817.59	53637.94	54036.42679	-398.4867928	-192.3167928	Varney-2018	-16.8867928
605968.44	5600314.71	33.39133556	54179.66	53817.77	53638.11	54036.42731	-398.3173087	-192.1473087	Varney-2018	-16.71730868
605969.06	5600313.46	33.39656656	54179.7	53817.55	53637.85	54036.42339	-398.5733904	-192.4033904	Varney-2018	-16.97339041
605968.55	5600315.68	33.40160721	54179.75	53813.65	53633.9	54036.43118	-402.5311825	-196.3611825	Varney-2018	-20.93118247
605967.92	5600317.8	33.40315029	54179.78	53808.02	53628.24	54036.43842	-408.1984168	-202.0284168	Varney-2018	-26.59841681
605965.27	5600316.36	33.32802069	54179.81	53819.7	53639.89	54036.42915	-396.5391501	-190.3691501	Varney-2018	-14.93915011
605964.94	5600316.32	33.31975587	54179.82	53817.5	53637.68	54036.42853	-398.7485303	-192.5785303	Varney-2018	-17.1485303
605964.7	5600316.4	33.31463064	54179.84	53818.22	53638.38	54036.4285	-398.048497	-191.878497	Varney-2018	-16.44849695
605964.63	5600316.93	33.3172574	54179.85	53823.88	53644.03	54036.43043	-392.4004257	-186.2304257	Varney-2018	-10.8004257
605965.36	5600318.08	33.34408439	54179.87	53824.11	53644.24	54036.43586	-392.1958605	-186.0258605	Varney-2018	-10.59586049
605964.78	5600319.08	33.33832429	54179.89	53822.48	53642.59	54036.43886	-393.8488645	-187.6788645	Varney-2018	-12.24886446
605964.64	5600318.09	33.32693185	54179.91	53824.28	53644.37	54036.43488	-392.064878	-185.894878	Varney-2018	-10.46487799
605964.4	5600317.57	33.31694913	54179.93	53828.1	53648.17	54036.43255	-388.2625485	-182.0925485	Varney-2018	-6.662548464
605961.76	5600321.72	33.2882859	54179.96	53827.64	53647.68	54036.44466	-388.7646629	-182.5946629	Varney-2018	-7.16466288
605959.2	5600326.28	33.26659236	54179.96	53829.18	53649.22	54036.45841	-387.2384137	-181.0684137	Varney-2018	-5.638413687
605963.1	5600319.74	33.30367694	54179.96	53824.01	53644.05	54036.439	-392.3890026	-186.2190026	Varney-2018	-10.78900259
605963.06	5600319.2	33.29827014	54179.95	53827.57	53647.62	54036.43688	-388.8168814	-182.6468814	Varney-2018	-7.216881382
605956.83	5600319.55	33.1527062	54179.94	53825.89	53645.95	54036.42937	-390.4793692	-184.3093692	Varney-2018	-8.879369165
605950.1	5600319.64	32.99316876	54179.93	53826.06	53646.13	54036.42015	-390.2901504	-184.1201504	Varney-2018	-8.690150387
605950.58	5600338.74	33.17958572	54179.91	53822.77	53642.86	54036.49339	-393.6333871	-187.4633871	Varney-2018	-12.0333871
605957.21	5600329.36	33.24687688	54179.93	53818.67	53638.74	54036.4673	-397.7273003	-191.5573003	Varney-2018	-16.12730029
605958.29	5600332.27	33.29685517	54179.95	53806.08	53626.13	54036.47995	-410.3499528	-204.1799528	Varney-2018	-28.74995276
605961.52	5600329.21	33.34523049	54180.02	53800.54	53620.52	54036.47293	-415.9529321	-209.7829321	Varney-2018	-34.35293206
605963.82	5600328.37	33.39152861	54180.09	53800.93	53620.84	54036.47303	-415.63303	-209.46303	Varney-2018	-34.03303004
605965.3	5600329.86	33.43788605	54180.16	53792.32	53612.16	54036.48086	-424.3208604	-218.1508604	Varney-2018	-42.72086041
605967.83	5600330.77	33.50345267	54180.23	53785.13	53604.9	54036.48799	-431.5879923	-225.4179923	Varney-2018	-49.98799233
605956.11	5600326.29	33.19457126	54180.27	53777.03	53596.76	54036.45402	-439.6940218	-233.5240218	Varney-2018	-58.09402182
605956.09	5600324.77	33.18079184	54180.31	53779.86	53599.55	54036.4482	-436.8982029	-230.7282029	Varney-2018	-55.2982029
605955.52	5600325.68	33.17543534	54180.3	53770.64	53590.34	54036.45085	-446.1108529	-239.9408529	Varney-2018	-64.51085291
605954.69	5600326.14	33.16010587	54180.29	53749.12	53568.83	54036.45142	-467.621415	-261.451415	Varney-2018	-86.02141502
605953.88	5600326.57	33.1450309	54180.26	53732.09	53551.83	54036.45189	-484.6218902	-278.4518902	Varney-2018	-103.0218902
605954.27	5600327.36	33.161148	54180.22	53703.81	53523.59	54036.45546	-512.8654561	-306.6954561	Varney-2018	-131.2654561
605955.06	5600327.2	33.17810775	54180.21	53706.42	53526.21	54036.45598	-510.2459812	-304.0759812	Varney-2018	-128.6459812
605957.33	5600328.03	33.23812219	54180.2	53706.03	53525.83	54036.4624	-510.6324034	-304.4624034	Varney-2018	-129.0324034
605956.85	5600329.01	33.235511	54180.23	53703.25	53523.02	54036.46545	-513.4454482	-307.2754482	Varney-2018	-131.8454482
605955.09	5600329.74	33.20123784	54180.27	53694.76	53514.49	54036.4657	-521.9756951	-315.8056951	Varney-2018	-140.3756951
605953.97	5600329.74	33.17538482	54180.3	53697.81	53517.51	54036.46408	-518.9540819	-312.7840819	Varney-2018	-137.3540819
605952.29	5600330.01	33.13904508	54180.34	53687.27	53506.93	54036.46269	-529.5326886	-323.3626886	Varney-2018	-147.9326886
605951.96	5600332.02	33.14964568	54180.34	53677.31	53496.97	54036.46985	-539.4998539	-333.3298539	Varney-2018	-157.8998539
605950.57	5600330.96	33.10808019	54180.33	53671.2	53490.87	54036.46382	-545.593819	-339.423819	Varney-2018	-163.993819
605949.51	5600330.79	33.082136	54180.29	53659.14	53478.85	54036.46164	-557.6116443	-351.4416443	Varney-2018	-176.0116443
605948.48	5600333.23	33.08116813	54180.24	53652.43	53472.19	54036.46942	-564.2794175	-358.1094175	Varney-2018	-182.6794175
605946.44	5600334.36	33.04529399	54180.24	53655.93	53475.69	54036.47075	-560.7807487	-354.6107487	Varney-2018	-179.1807487
605945.76	5600334.88	33.03477455	54180.23	53663.23	53483	54036.47173	-553.4717336	-347.3017336	Varney-2018	-171.8717336
605946.01	5600334.55	33.03731776	54180.24	53657.33	53477.09	54036.47085	-559.3808456	-353.2108456	Varney-2018	-177.7808456
605945.82	5600335.65	33.04345933	54180.25	53676.72	53496.47	54036.47474	-540.0047385	-333.8347385	Varney-2018	-158.4047385
605945.95	5600335.91	33.04887394	54180.29	53685.06	53504.77	54036.47591	-531.7059125	-325.5359125	Varney-2018	-150.1059125
605943.84	5600335.87	33.00073475	54180.33	53702.53	53522.2	54036.4727	-514.2726967	-308.1026967	Varney-2018	-132.6726967

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605940.73	5600334.16	32.9134429	54180.35	53722.2	53541.85	54036.46172	-494.6117171	-288.4417171	Varney-2018	-113.0117171
605937.62	5600332.45	32.82537308	54180.38	53731.8	53551.42	54036.45076	-485.0307581	-278.8607581	Varney-2018	-103.4307581
605941.14	5600335.84	32.93932554	54180.39	53731.66	53551.27	54036.46866	-485.1986621	-279.0286621	Varney-2018	-103.5986621
605940.19	5600338.38	32.94302075	54180.4	53733.84	53553.44	54036.47688	-483.0368799	-276.8668799	Varney-2018	-101.4368799
605939.95	5600339.01	32.943894	54180.37	53733.46	53553.09	54036.47891	-483.3889104	-277.2189104	Varney-2018	-101.7889104
605937.81	5600338.74	32.8932215	54180.34	53734.23	53553.89	54036.47477	-482.5847705	-276.4147705	Varney-2018	-100.9847705
605936.69	5600339.97	32.88062391	54180.37	53742.44	53562.07	54036.47778	-474.4077769	-268.2377769	Varney-2018	-92.80777695
605935.48	5600341.79	32.87228268	54180.4	53746.37	53565.97	54036.48287	-470.5128703	-264.3428703	Varney-2018	-88.9128703
605935.49	5600342.6	32.88081946	54180.44	53748.69	53568.25	54036.48594	-468.2359381	-262.0659381	Varney-2018	-86.63593813
605935.02	5600342.96	32.87412034	54180.48	53751.59	53571.11	54036.48661	-465.3766061	-259.2066061	Varney-2018	-83.77660607
605933.9	5600344.34	32.86367669	54180.51	53743.81	53563.3	54036.49016	-473.1901616	-267.0201616	Varney-2018	-91.59016159
605932.79	5600346.64	32.86330389	54180.54	53740.14	53559.6	54036.49719	-476.8971888	-270.7271888	Varney-2018	-95.29718882
605931.48	5600348.38	32.85305611	54180.55	53740.41	53559.86	54036.5018	-476.6418041	-270.4718041	Varney-2018	-95.04180411
605930.17	5600350.12	32.84314177	54180.56	53740.88	53560.32	54036.50641	-476.1864106	-270.0164106	Varney-2018	-94.58641056
605931.74	5600351.6	32.89264016	54180.54	53738.63	53558.09	54036.5143	-478.4243019	-272.2543019	Varney-2018	-96.82430194
605931.17	5600351.9	32.88356854	54180.52	53738.49	53557.97	54036.51459	-478.544585	-272.374585	Varney-2018	-96.94458503
605930.2	5600353.66	32.88149785	54180.5	53745.95	53565.45	54036.51976	-471.0697622	-264.8997622	Varney-2018	-89.46976215
605931.36	5600353.21	32.90148941	54180.48	53745.36	53564.88	54036.51979	-471.6397942	-265.4697942	Varney-2018	-90.03979424
605931.63	5600352.96	32.90462146	54180.49	53753.13	53572.64	54036.51925	-463.879255	-257.709255	Varney-2018	-82.27925497
605931.89	5600353.94	32.92049935	54180.5	53758.89	53578.39	54036.52333	-458.1333283	-251.9633283	Varney-2018	-76.53332831
605930.83	5600354.62	32.90511967	54180.49	53773.81	53593.32	54036.52431	-443.2043087	-237.0343087	Varney-2018	-61.60430874
605928.9	5600355.36	32.87203452	54180.48	53791.66	53611.18	54036.52422	-425.3442155	-219.1742155	Varney-2018	-43.74421547
605929.29	5600357.11	32.89906367	54180.5	53796.46	53615.96	54036.53137	-420.5713719	-214.4013719	Varney-2018	-38.97137193
605927.98	5600357.14	32.87177186	54180.52	53812.56	53632.04	54036.52953	-404.4895281	-198.3195281	Varney-2018	-22.88952809
605924.89	5600356.53	32.79990334	54180.55	53811.81	53631.26	54036.52263	-405.2626262	-199.0926262	Varney-2018	-23.66262624
605926.19	5600358.74	32.85759037	54180.58	53824.49	53643.91	54036.5327	-392.6226965	-186.4526965	Varney-2018	-11.02269653
605925.99	5600359.16	32.85990415	54180.61	53836.8	53656.19	54036.53392	-380.3439221	-174.1739221	Varney-2018	1.256077913
605926.08	5600359.6	32.86858647	54180.64	53831.95	53651.31	54036.53565	-385.2256548	-179.0556548	Varney-2018	-3.62565483
605926.07	5600361.29	32.89451087	54180.64	53837.74	53657.1	54036.54178	-379.4417769	-173.2717769	Varney-2018	2.158223052
605925.38	5600360.56	32.86891731	54180.65	53836.98	53656.33	54036.53809	-380.2080891	-174.0380891	Varney-2018	1.391910892
605925.65	5600360.26	32.8698631	54180.6	53836.5	53655.9	54036.53741	-380.6374058	-174.4674058	Varney-2018	0.962594233
605924.72	5600359.85	32.8441557	54180.55	53832.7	53652.15	54036.53452	-384.3845216	-178.2145216	Varney-2018	-2.784521611
605924.56	5600360.4	32.84941749	54180.51	53834.84	53654.33	54036.53628	-382.2062765	-176.0362765	Varney-2018	-0.606276489
605924.5	5600359.09	32.82770276	54180.46	53834.25	53653.79	54036.53143	-382.7414348	-176.5714348	Varney-2018	-1.141434826
605923.75	5600362.31	32.86260433	54180.44	53830	53649.56	54036.54198	-386.9819835	-180.8119835	Varney-2018	-5.381983471
605922.5	5600360.64	32.8104742	54180.41	53832.11	53651.7	54036.53405	-384.8340509	-178.6640509	Varney-2018	-3.234050918
605921.4	5600360.27	32.78177715	54180.44	53831.13	53650.69	54036.53106	-385.8410588	-179.6710588	Varney-2018	-4.241058768
605922.1	5600365.36	32.87711165	54180.48	53831.87	53651.39	54036.55054	-385.1605386	-178.9905386	Varney-2018	-3.560538569
605920.92	5600364.82	32.84459578	54180.54	53836.27	53655.73	54036.5468	-380.8167964	-174.6467964	Varney-2018	0.783203571
605919.24	5600363.76	32.79336556	54180.61	53831.16	53650.55	54036.54042	-385.9904227	-179.8204227	Varney-2018	-4.39042272
605916.66	5600368.6	32.82029034	54180.67	53828.6	53647.93	54036.55397	-388.6239738	-182.4539738	Varney-2018	-7.023973838
605918.74	5600365.32	32.80847206	54180.74	53833.84	53653.1	54036.5453	-383.4453005	-177.2753005	Varney-2018	-1.845300543
605917.54	5600367.87	32.82586894	54180.75	53837.06	53656.31	54036.55268	-380.2426819	-174.0726819	Varney-2018	1.357318114
605916.79	5600366.57	32.78953566	54180.77	53836.33	53655.56	54036.54685	-380.9868521	-174.8168521	Varney-2018	0.613147941
605916.21	5600367.47	32.79270795	54180.76	53842.11	53661.35	54036.54921	-375.1992148	-169.0292148	Varney-2018	6.400785229
605915.08	5600369.18	32.79847774	54180.75	53847.21	53666.46	54036.55365	-370.0936533	-163.9236533	Varney-2018	11.50634673
605914.18	5600369.6	32.78763392	54180.71	53845.25	53664.54	54036.55379	-372.0137909	-165.8437909	Varney-2018	9.586209059
605913.77	5600369.75	32.7820281	54180.66	53851.78	53671.12	54036.5537	-365.4337043	-159.2637043	Varney-2018	16.16629573
605913.47	5600368.03	32.74725234	54180.63	53844.33	53663.7	54036.54706	-372.8470594	-166.6770594	Varney-2018	8.752940619
605913.05	5600367.34	32.72726947	54180.59	53847.46	53666.87	54036.54394	-369.6739386	-163.5039386	Varney-2018	11.92606139
605912.77	5600367.46	32.72368191	54180.59	53843.21	53662.62	54036.54394	-373.923944	-167.753944	Varney-2018	7.676055997
605913.13	5600368.72	32.75206084	54180.6	53843.72	53663.12	54036.54902	-373.4290226	-167.2590226	Varney-2018	8.170977396
605912.72	5600369.92	32.76412234	54180.61	53837.11	53656.5	54036.55271	-380.052711	-173.882711	Varney-2018	1.547289048
605912.64	5600372.77	32.81057619	54180.63	53833.58	53652.95	54036.56283	-383.612833	-177.442833	Varney-2018	-2.012833013
605913.19	5600375.76	32.8715076	54180.67	53835.81	53655.14	54036.57443	-381.4344301	-175.2644301	Varney-2018	0.165569938
605914.19	5600374.36	32.8672943	54180.71	53823.14	53642.43	54036.57094	-394.1409363	-187.9709363	Varney-2018	-12.54093633
605914.25	5600374.18	32.86544872	54180.76	53818.45	53637.69	54036.57038	-398.880381	-192.710381	Varney-2018	-17.28038097
605914.43	5600372.18	32.83558877	54180.81	53818.97	53638.16	54036.56346	-398.4034594	-192.2334594	Varney-2018	-16.80345936
605913.98	5600374.37	32.86340782	54180.84	53815.17	53634.33	54036.57065	-402.2406488	-196.0706488	Varney-2018	-20.64064877
605913.44	5600374.84	32.86086734	54180.87	53812.45	53631.58	54036.57151	-404.9915072	-198.8215072	Varney-2018	-23.39150723
605912.2	5600375.21	32.84324622	54180.88	53813.36	53632.48	54036.57092	-404.0909247	-197.9209247	Varney-2018	-22.49092467
605912.22	5600377.79	32.88722699	54180.9	53813.2	53632.3	54036.58023	-404.2802263	-198.1102263	Varney-2018	-22.68022635
605911.22	5600376.44	32.84532732	54180.89	53814.01	53633.12	54036.57383	-403.4538289	-197.2838289	Varney-2018	-21.85382893
605910.82	5600377.55	32.85660989	54180.87	53806.73	53625.86	54036.57719	-410.7171947	-204.5471947	Varney-2018	-29.11719471

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605909.77	5600377.69	32.83908992	54180.83	53807.76	53626.93	54036.57607	-409.6460699	-203.4760699	Varney-2018	-28.04606991
605911.45	5600379.51	32.90183875	54180.79	53803.92	53623.13	54036.58521	-413.4552097	-207.2852097	Varney-2018	-31.85520966
605912.91	5600382.15	32.97366393	54180.76	53797.95	53617.19	54036.59697	-419.4069711	-213.2369711	Varney-2018	-37.80697114
605911.17	5600381.15	32.92447414	54180.73	53807.34	53626.61	54036.59066	-409.9806626	-203.8106626	Varney-2018	-28.38066265
605910.87	5600382.52	32.9422359	54180.72	53811.6	53630.88	54036.59511	-405.7151126	-199.5451126	Varney-2018	-24.11511263
605910.03	5600386.74	32.9989977	54180.71	53810.51	53629.8	54036.60894	-406.8089381	-200.6389381	Varney-2018	-25.20893806
605909.93	5600390.47	33.06110947	54180.72	53818.02	53637.3	54036.62216	-399.3221602	-193.1521602	Varney-2018	-17.7221602
605909.74	5600389.64	33.04352052	54180.73	53823.31	53642.58	54036.61888	-394.0388823	-187.8688823	Varney-2018	-12.43888226
605908.08	5600390.05	32.97388242	54180.76	53833.87	53653.11	54036.61898	-383.5089793	-177.3389793	Varney-2018	-1.908979308
605906.57	5600393.47	32.96423262	54180.79	53843.92	53663.13	54036.62996	-373.499958	-167.329958	Varney-2018	8.100041964
605905.94	5600393.95	32.94384192	54180.85	53846.72	53665.87	54036.63115	-370.7611458	-164.5911458	Varney-2018	10.83885424
605905.86	5600394.22	32.94503511	54180.91	53850.8	53669.89	54036.63204	-366.7420411	-160.5720411	Varney-2018	14.85795888
605905.24	5600396.31	32.95457526	54180.93	53851.59	53670.66	54036.63896	-365.9789623	-159.8089623	Varney-2018	15.6210377
605905.07	5600398.04	32.978385	54180.95	53856.19	53675.24	54036.64497	-361.4049736	-155.2349736	Varney-2018	20.19502636
605904.34	5600397.03	32.92692045	54180.96	53854.54	53673.58	54036.64076	-363.0607585	-156.8907585	Varney-2018	18.53924152
605905.11	5600399.7	33.01043093	54180.97	53849.78	53668.81	54036.65091	-367.8409146	-161.6709146	Varney-2018	13.75908537
605907.01	5600399.65	33.09440002	54180.93	53845.28	53664.35	54036.65239	-372.302385	-166.132385	Varney-2018	9.297614975
605906.4	5600399.4	33.06266873	54180.89	53842.26	53661.37	54036.65096	-375.2809643	-169.1109643	Varney-2018	6.319035705
605905.61	5600399.49	33.02896021	54180.85	53838.76	53657.91	54036.6506	-378.7406007	-172.5706007	Varney-2018	2.859399325
605905.21	5600401.75	33.05219944	54180.8	53838.1	53657.3	54036.6583	-379.3582971	-173.1882971	Varney-2018	2.241702936
605905.33	5600402.81	33.07676069	54180.8	53839.43	53658.63	54036.66218	-378.0321759	-171.8621759	Varney-2018	3.567824126
605904.94	5600405.04	33.10033938	54180.79	53843.97	53663.18	54036.66976	-373.4897625	-167.3197625	Varney-2018	8.110237476
605904.43	5600408.04	33.1333202	54180.82	53842.32	53661.5	54036.67997	-375.1799654	-169.0099654	Varney-2018	6.42003458
605904.92	5600408.16	33.15645211	54180.86	53844.32	53663.46	54036.68084	-373.2208426	-167.0508426	Varney-2018	8.379157443
605904.33	5600408.96	33.14597425	54180.9	53844.7	53663.8	54036.68314	-372.8831427	-166.7131427	Varney-2018	8.716857305
605903.38	5600408.96	33.10557759	54180.94	53857.3	53676.36	54036.68226	-360.3222643	-154.1522643	Varney-2018	21.27773567
605904.44	5600407.11	33.11665961	54180.96	53848.69	53667.73	54036.67667	-368.9466693	-162.7766693	Varney-2018	12.65333072
605900.5	5600408.5	32.97424112	54180.98	53848.94	53667.96	54036.67798	-368.7179777	-162.5479777	Varney-2018	12.88202231
605898.6	5600409.06	32.90429097	54180.97	53850.19	53669.22	54036.6782	-367.4581966	-161.2881966	Varney-2018	14.14180343
605895.8	5600407.94	32.76247714	54180.95	53843.91	53662.96	54036.67168	-373.7116847	-167.5416847	Varney-2018	7.888315348
605896.95	5600408.63	32.82552151	54180.96	53846.97	53666.01	54036.67516	-370.6651614	-164.4951614	Varney-2018	10.93483857
605897.84	5600409.54	32.8815427	54180.98	53844.09	53663.11	54036.67918	-373.56918	-167.39918	Varney-2018	8.030820041
605898.06	5600410.62	32.9123042	54181.03	53840.81	53659.78	54036.68318	-376.9031804	-170.7331804	Varney-2018	4.696819633
605897.12	5600411.6	32.89235727	54181.08	53844.56	53663.48	54036.68574	-373.2057407	-167.0357407	Varney-2018	8.394259264
605895.36	5600412.14	32.82964545	54181.12	53845.56	53664.44	54036.68597	-372.2459741	-166.0759741	Varney-2018	9.354025884
605895.31	5600410.8	32.8001082	54181.17	53853.63	53672.46	54036.68124	-364.2212394	-158.0512394	Varney-2018	17.37876061
605896.94	5600409.77	32.84801736	54181.17	53839.3	53658.13	54036.67915	-378.5491515	-172.3791515	Varney-2018	3.050848512
605895.61	5600407.75	32.75047434	54181.16	53846.5	53665.34	54036.67085	-371.3308452	-165.1608452	Varney-2018	10.26915483
605895.85	5600414.11	32.89022827	54181.12	53848.12	53667	54036.69333	-369.6933346	-163.5233346	Varney-2018	11.9066654
605894.86	5600415.34	32.87463116	54181.08	53847.12	53666.04	54036.69669	-370.6566873	-164.4866873	Varney-2018	10.94331268
605893.48	5600414.85	32.80773975	54181.05	53849.48	53668.43	54036.69365	-368.2636488	-162.0936488	Varney-2018	13.33635121
605891.88	5600416.1	32.76847541	54181.01	53849.72	53668.71	54036.69646	-367.9864581	-161.8164581	Varney-2018	13.61354195
605889.12	5600418.57	32.7097918	54181.04	53843.61	53662.57	54036.70233	-374.132332	-167.962332	Varney-2018	7.467667976
605888.01	5600419.15	32.67791455	54181.08	53836.54	53655.46	54036.70324	-381.2432433	-175.0732433	Varney-2018	0.356756715
605887.68	5600419.76	32.67822913	54181.14	53830.84	53649.7	54036.70502	-387.0050229	-180.8350229	Varney-2018	-5.405022886
605887.69	5600418.72	32.65549572	54181.2	53828.04	53646.84	54036.70144	-389.8614433	-183.6914433	Varney-2018	-8.261443305
605886.62	5600418.29	32.60273786	54181.27	53826.02	53644.75	54036.69891	-391.9489087	-185.7789087	Varney-2018	-10.34890866
605886.22	5600419.96	32.62430549	54181.34	53815.31	53633.97	54036.70426	-402.7342648	-196.5642648	Varney-2018	-21.13426478
605884.87	5600420.77	32.58887586	54181.36	53810.12	53628.76	54036.70571	-407.9457072	-201.7757072	Varney-2018	-26.34570718
605882.89	5600421.06	32.51685549	54181.38	53809.84	53628.46	54036.70473	-408.2447255	-202.0747255	Varney-2018	-26.64472548
605883.39	5600421.74	32.55252056	54181.36	53808.4	53627.04	54036.70755	-409.6675539	-203.4975539	Varney-2018	-28.06755392
605883.04	5600422.99	32.56781878	54181.33	53796.66	53615.33	54036.71148	-421.3814815	-215.2114815	Varney-2018	-39.78148154
605882.92	5600423.18	32.56754075	54181.27	53795.71	53614.44	54036.71201	-422.2720105	-216.1020105	Varney-2018	-40.67201048
605882.11	5600422.41	32.51763788	54181.2	53790.29	53609.09	54036.70856	-427.6185597	-221.4485597	Varney-2018	-46.01855968
605881.06	5600422.26	32.47268535	54181.16	53787.98	53606.82	54036.70699	-429.8869906	-223.7169906	Varney-2018	-48.28699064
605881.59	5600423.06	32.51251647	54181.12	53796.47	53615.35	54036.71026	-421.3602551	-215.1902551	Varney-2018	-39.76025512
605881.64	5600424.49	32.54828734	54181.12	53788.67	53607.55	54036.71519	-429.1651882	-222.9951882	Varney-2018	-47.56518818
605879.62	5600423.46	32.44480731	54181.12	53787.24	53606.12	54036.70962	-430.5896241	-224.4196241	Varney-2018	-48.98962414
605879.04	5600424.33	32.44317794	54181.12	53777.98	53596.86	54036.71199	-439.8519929	-233.6819929	Varney-2018	-58.25199292
605879.51	5600422.62	32.42022592	54181.13	53775.71	53594.58	54036.70666	-442.1266556	-235.9566556	Varney-2018	-60.52665557
605879.44	5600419.66	32.34598638	54181.15	53773.61	53592.46	54036.69652	-444.2365184	-238.0665184	Varney-2018	-62.63651844
605880.35	5600417.58	32.33263795	54181.18	53776.15	53594.97	54036.69033	-441.7203341	-235.5503341	Varney-2018	-60.12033413
605879.92	5600420.85	32.39381721	54181.21	53770.35	53589.14	54036.70104	-447.5610443	-241.3910443	Varney-2018	-65.96104427
605878.88	5600420.65	32.3475945	54181.24	53775.31	53594.07	54036.69933	-442.6293274	-236.4593274	Varney-2018	-61.02932737

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605879.26	5600421.31	32.37869328	54181.3	53775.75	53594.45	54036.70195	-442.2519498	-236.0819498	Varney-2018	-60.6519498
605879.15	5600422.1	32.39346103	54181.37	53772.81	53591.44	54036.70453	-445.264525	-239.094525	Varney-2018	-63.66452504
605878.86	5600424.23	32.43373461	54181.38	53773.65	53592.27	54036.71147	-444.4414698	-238.2714698	Varney-2018	-62.8414698
605877.78	5600423.22	32.36684129	54181.4	53780.3	53598.9	54036.70695	-437.8069455	-231.6369455	Varney-2018	-56.20694552
605876.42	5600423.51	32.32069667	54181.37	53793.35	53611.98	54036.70655	-424.72655	-218.55655	Varney-2018	-43.12655003
605874.8	5600423.74	32.26305647	54181.33	53794.34	53613.01	54036.70568	-423.6956833	-217.5256833	Varney-2018	-42.09568331
605873.73	5600422.63	32.19294001	54181.26	53801.36	53620.1	54036.70086	-416.6008609	-210.4308609	Varney-2018	-35.00086091
605872.05	5600425.08	32.19015787	54181.18	53822.29	53641.11	54036.70739	-395.5973879	-189.4273879	Varney-2018	-13.99738788
605870.67	5600426.5	32.17378596	54181.1	53827.43	53646.33	54036.71073	-390.3807284	-184.2107284	Varney-2018	-8.780728404
605869.44	5600426.96	32.138639	54181.02	53831.72	53650.7	54036.711	-386.0109951	-179.8409951	Varney-2018	-4.410995055
605868.41	5600426.4	32.08417285	54180.99	53831.54	53650.55	54036.70806	-386.1580624	-179.9880624	Varney-2018	-4.55806242
605867.32	5600426.32	32.04005884	54180.95	53827.16	53646.21	54036.70667	-390.4966719	-184.3266719	Varney-2018	-8.896671917
605865.86	5600428.15	32.03376713	54180.97	53827.25	53646.28	54036.71124	-390.4312378	-184.2612378	Varney-2018	-8.831237813
605860.64	5600429.3	31.86770849	54180.99	53822.9	53641.91	54036.70958	-394.7995756	-188.6295756	Varney-2018	-13.19957561
605860.02	5600426.16	31.7543389	54181.08	53821.56	53640.48	54036.69862	-396.2186201	-190.0486201	Varney-2018	-14.61862013
605859.72	5600426.47	31.75167303	54181.17	53819.73	53638.56	54036.69933	-398.1393279	-191.9693279	Varney-2018	-16.5393279
605860.1	5600426.8	31.77573843	54181.23	53816.58	53635.35	54036.7008	-401.3508032	-195.1808032	Varney-2018	-19.75080322
605860.48	5600427.12	31.79946058	54181.3	53805.97	53624.67	54036.70225	-412.0322472	-205.8622472	Varney-2018	-30.43224722
605861.22	5600421.64	31.67241337	54181.32	53801.73	53620.41	54036.68499	-416.2749891	-210.1049891	Varney-2018	-34.67498915
605861.73	5600420.29	31.65447987	54181.35	53795.22	53613.87	54036.68106	-422.8110557	-216.6410557	Varney-2018	-41.21105574
605862.24	5600418.94	31.63686449	54181.3	53784.95	53603.65	54036.67711	-433.0271139	-226.8571139	Varney-2018	-51.42711389
605862.75	5600417.59	31.61956725	54181.24	53793.45	53612.21	54036.67316	-424.4631636	-218.2931636	Varney-2018	-42.86316359
605863.26	5600416.24	31.60258814	54181.14	53790.73	53609.59	54036.6692	-427.0792049	-220.9092049	Varney-2018	-45.47920486
605863.52	5600415.56	31.59428373	54181.03	53791.04	53610.01	54036.66721	-426.6572106	-220.4872106	Varney-2018	-45.05721063
605863.52	5600415.56	31.59428373	54180.96	53790.19	53609.23	54036.66721	-427.4372106	-221.2672106	Varney-2018	-45.83721063
605863.52	5600415.56	31.59428373	54180.89	53792.37	53611.48	54036.66721	-425.1872106	-219.0172106	Varney-2018	-43.58721063
605863.52	5600415.56	31.59428373	54180.89	53789.2	53608.31	54036.66721	-428.3572106	-222.1872106	Varney-2018	-46.75721063
605863.52	5600415.56	31.59428373	54180.89	53792.15	53611.26	54036.66721	-425.4072106	-219.2372106	Varney-2018	-43.80721063
605863.52	5600415.56	31.59428373	54180.94	53786.83	53605.89	54036.66721	-430.7772106	-224.6072106	Varney-2018	-49.17721063
605863.52	5600415.56	31.59428373	54180.99	53780.38	53599.39	54036.66721	-437.2772106	-231.1072106	Varney-2018	-55.67721063
605863.52	5600415.56	31.59428373	54181.05	53787.29	53606.24	54036.66721	-430.4272106	-224.2572106	Varney-2018	-48.82721063
605863.52	5600415.56	31.59428373	54181.11	53783.16	53602.05	54036.66721	-434.6172106	-228.4472106	Varney-2018	-53.01721063
605863.52	5600415.56	31.59428373	54181.14	53782.83	53601.69	54036.66721	-434.9772106	-228.8072106	Varney-2018	-53.37721063
605863.52	5600415.56	31.59428373	54181.17	53774.69	53593.52	54036.66721	-443.1472106	-236.9772106	Varney-2018	-61.54721063
605863.52	5600415.56	31.59428373	54181.2	53768.67	53587.47	54036.66721	-449.1972106	-243.0272106	Varney-2018	-67.59721063
605863.52	5600415.56	31.59428373	54181.24	53770.73	53589.49	54036.66721	-447.1772106	-241.0072106	Varney-2018	-65.57721063
605863.52	5600415.56	31.59428373	54181.26	53766.45	53585.19	54036.66721	-451.4772106	-245.3072106	Varney-2018	-69.87721063
605863.52	5600415.56	31.59428373	54181.28	53767.75	53586.47	54036.66721	-450.1972106	-244.0272106	Varney-2018	-68.59721063
605863.52	5600415.56	31.59428373	54181.29	53767.57	53586.28	54036.66721	-450.3872106	-244.2172106	Varney-2018	-68.78721063
605863.52	5600415.56	31.59428373	54181.3	53773.22	53591.92	54036.66721	-444.7472106	-238.5772106	Varney-2018	-63.14721063
605846.46	5600435.6	31.66323985	54181.4	53773	53591.6	54036.71135	-445.1113529	-238.9413529	Varney-2018	-63.51135287
605846.46	5600435.52	31.65611664	54181.32	53779.7	53598.38	54036.71122	-438.3312185	-232.1612185	Varney-2018	-56.73121854
605845.78	5600435.83	31.65919484	54181.22	53799.11	53617.89	54036.71099	-418.8209938	-212.6509938	Varney-2018	-37.2209938
605844.71	5600437.77	31.79446268	54181.12	53822.48	53641.36	54036.71305	-395.3530489	-189.1830489	Varney-2018	-13.75304889
605841.94	5600438.5	31.76242233	54181.06	53833.7	53652.64	54036.71116	-384.0711628	-177.9011628	Varney-2018	-2.471162841
605841.5	5600439.64	31.85031171	54181	53836.49	53655.49	54036.71254	-381.2225351	-175.0525351	Varney-2018	0.377464949
605841.18	5600442.06	32.05886413	54181.04	53848.81	53667.77	54036.71613	-368.9461253	-162.7761253	Varney-2018	12.65387466
605841.22	5600444.06	32.24176107	54181.09	53855.12	53674.03	54036.71944	-362.6894379	-156.5194379	Varney-2018	18.9105621
605839.78	5600444.99	32.27859221	54181.17	53855.96	53674.79	54036.71926	-361.9292632	-155.7592632	Varney-2018	19.67073683
605838.57	5600446.23	32.35224538	54181.25	53862.29	53681.04	54036.71984	-355.6798365	-149.5098365	Varney-2018	25.92016348
605839.19	5600448.36	32.56724156	54181.31	53865.54	53684.23	54036.72401	-352.4940135	-146.3240135	Varney-2018	29.10598652
605838.59	5600449.04	32.61039428	54181.37	53866.87	53685.5	54036.72439	-351.2243851	-145.0543851	Varney-2018	30.37561494
605838.19	5600450.88	32.76656333	54181.36	53869.08	53687.72	54036.72686	-349.0068568	-142.8368568	Varney-2018	32.59314317
605838	5600452.54	32.91309227	54181.35	53870.66	53689.31	54036.72929	-347.419288	-141.249288	Varney-2018	34.18071201
605837.88	5600453.12	32.9627103	54181.32	53869.18	53687.86	54036.73007	-348.8700693	-142.7000693	Varney-2018	32.72993074
605838.16	5600452.75	32.93725418	54181.28	53870.36	53689.08	54036.72982	-347.6498241	-141.4798241	Varney-2018	33.95017589
605839.59	5600452.34	32.94341186	54181.25	53869.26	53688.01	54036.73094	-348.7209393	-142.5509393	Varney-2018	32.87906067
605841.13	5600452.58	33.01235801	54181.21	53868.14	53686.93	54036.73324	-349.8032414	-143.6332414	Varney-2018	31.79675856
605841.69	5600452.65	33.03580376	54181.2	53878.96	53697.76	54036.73405	-338.9740519	-132.8040519	Varney-2018	42.6259481
605842.09	5600453.28	33.10501406	54181.19	53875.84	53694.65	54036.73558	-342.0855829	-135.9155829	Varney-2018	39.51441709
605841.74	5600452.17	32.9938432	54181.2	53874.47	53693.27	54036.73333	-343.4633279	-137.2933279	Varney-2018	38.13667209
605842.89	5600454.68	33.25556644	54181.21	53877.49	53696.28	54036.73889	-340.4588889	-134.2888889	Varney-2018	41.14111113
605841.96	5600453.38	33.1101262	54181.23	53876.91	53695.68	54036.73558	-341.0555846	-134.8855846	Varney-2018	40.54441544
605841.78	5600453.1	33.07931296	54181.25	53875.1	53693.85	54036.7349	-342.884901	-136.714901	Varney-2018	38.71509905

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605841.93	5600453.48	33.1182713	54181.27	53876.1	53694.83	54036.73571	-341.905711	-135.735711	Varney-2018	39.69428898
605842.03	5600454.07	33.17469135	54181.3	53878.15	53696.85	54036.7368	-339.8868039	-133.7168039	Varney-2018	41.71319614
605841.91	5600454.52	33.21182875	54181.31	53873.82	53692.51	54036.73739	-344.2273909	-138.0573909	Varney-2018	37.37260914
605843.44	5600455.28	33.32600457	54181.33	53876.06	53694.73	54036.74057	-342.010574	-135.840574	Varney-2018	39.589426
605843.87	5600456.17	33.41876009	54181.33	53873.34	53692.01	54036.74259	-344.7325927	-138.5625927	Varney-2018	36.86740732
605843.87	5600456.48	33.44662731	54181.33	53873.68	53692.35	54036.74311	-344.3931062	-138.2231062	Varney-2018	37.20689382
605843.48	5600455.56	33.35239699	54181.34	53872.53	53691.19	54036.74109	-345.5510875	-139.3810875	Varney-2018	36.04891251
605843.48	5600457.66	33.54144508	54181.35	53874.46	53693.11	54036.74456	-343.6345588	-137.4645588	Varney-2018	37.96544117
605842.95	5600457.81	33.53967611	54181.35	53874.31	53692.96	54036.74412	-343.784124	-137.614124	Varney-2018	37.81587603
605842.22	5600457.9	33.52678001	54181.35	53876.25	53694.9	54036.74333	-341.8433313	-135.6733313	Varney-2018	39.75666873
605843.01	5600457.17	33.4836912	54181.37	53880.68	53699.31	54036.74315	-337.433146	-131.263146	Varney-2018	44.16685403
605843.8	5600456.43	33.44008363	54181.39	53873.92	53692.53	54036.74293	-344.212934	-138.042934	Varney-2018	37.38706598
605841.33	5600458.76	33.57918983	54181.4	53870.41	53689.01	54036.74359	-347.7335894	-141.5635894	Varney-2018	33.86641064
605840.7	5600458.89	33.57305541	54181.41	53876.63	53695.22	54036.74298	-341.5229842	-135.3529842	Varney-2018	40.07701579
605839.35	5600459.31	33.57301658	54181.42	53865.49	53684.07	54036.74191	-352.6719113	-146.5019113	Varney-2018	28.92808871
605838.58	5600459.4	33.55945682	54181.44	53873.09	53691.65	54036.74105	-345.0910541	-138.9210541	Varney-2018	36.50894592
605837.82	5600459.5	33.54714428	54181.45	53870.07	53688.62	54036.74022	-348.1202247	-141.9502247	Varney-2018	33.47977529
605837.06	5600459.6	33.53488187	54181.46	53870.23	53688.77	54036.73939	-347.969394	-141.799394	Varney-2018	33.63060598
605836.3	5600459.69	33.52174568	54181.47	53869.25	53687.78	54036.73855	-348.9585461	-142.7885461	Varney-2018	32.6414539
605844.78	5600474.86	35.11998929	54181.48	53871.46	53689.98	54036.77486	-346.7948592	-140.6248592	Varney-2018	34.80514078
605846.03	5600477.44	35.37906931	54181.49	53871.59	53690.1	54036.78098	-346.6809784	-140.5109784	Varney-2018	34.91902162
605847.28	5600480.02	35.63602206	54181.51	53874.56	53693.05	54036.78715	-343.737154	-137.567154	Varney-2018	37.86284604
605846.47	5600478.19	35.45567723	54181.55	53870.24	53688.69	54036.78288	-348.0928802	-141.9228802	Varney-2018	33.50711982
605846.7	5600468.91	34.63520166	54181.59	53870.62	53689.03	54036.76762	-347.7376163	-141.5676163	Varney-2018	33.86238368
605847.8	5600465.91	34.39707776	54181.62	53868.54	53686.92	54036.76407	-349.8440679	-143.6740679	Varney-2018	31.75593208
605848.57	5600466.31	34.45254661	54181.65	53871.57	53689.92	54036.76579	-346.8457935	-140.6757935	Varney-2018	34.75420648
605849.41	5600466.34	34.4770391	54181.66	53872.93	53691.27	54036.76699	-345.4969893	-139.3269893	Varney-2018	36.10301066
605842.52	5600467.59	34.41080574	54181.67	53871.06	53689.39	54036.75965	-347.3696542	-141.1996542	Varney-2018	34.23034575
605843.16	5600468.89	34.54435051	54181.67	53876.05	53694.38	54036.76268	-342.3826788	-136.2126788	Varney-2018	39.2173212
605841.84	5600469.16	34.53558946	54181.68	53885.5	53703.82	54036.76129	-332.9412927	-126.7712927	Varney-2018	48.65870734
605842.53	5600469.41	34.57547355	54181.66	53892.39	53710.73	54036.76266	-326.0326613	-119.8626613	Varney-2018	55.56733869
605843.88	5600470.42	34.70000002	54181.63	53896.18	53714.55	54036.76621	-322.2162106	-116.0462106	Varney-2018	59.38378936
605844.77	5600471.16	34.78824682	54181.61	53893.87	53712.26	54036.76869	-324.508687	-118.338687	Varney-2018	57.09131297
605842.49	5600472.71	34.87262699	54181.58	53891.18	53709.6	54036.76803	-327.168032	-120.998032	Varney-2018	54.431968
605841.84	5600473.82	34.95761669	54181.58	53890.76	53709.18	54036.76893	-327.5889287	-121.4189287	Varney-2018	54.01107127
605841.52	5600476.34	35.17857199	54181.57	53885.74	53704.17	54036.77259	-332.6025939	-126.4325939	Varney-2018	48.99740607
605840.62	5600476.69	35.1899761	54181.58	53888.23	53706.65	54036.77186	-330.1218583	-123.9518583	Varney-2018	51.47814171
605838.68	5600477.62	35.23134689	54181.6	53890.2	53708.6	54036.77054	-328.1705366	-122.0005366	Varney-2018	53.42946337
605837.83	5600477.93	35.24089166	54181.61	53888.85	53707.24	54036.76979	-329.5297913	-123.3597913	Varney-2018	52.0702087
605836.9	5600478.67	35.28848702	54181.62	53887.11	53705.49	54036.76961	-331.27961	-125.10961	Varney-2018	50.32038998
605835.25	5600478.5	35.23652724	54181.63	53892.14	53710.51	54036.76691	-326.2569143	-120.0869143	Varney-2018	55.34308568
605833.87	5600480	35.34596667	54181.64	53900.78	53719.14	54036.76724	-317.6272399	-111.4572399	Varney-2018	63.9727601
605832.55	5600481.71	35.56280611	54181.62	53916.27	53734.65	54036.76569	-302.1156878	-95.94568775	Varney-2018	79.48431225
605831.18	5600482.58	35.70784401	54181.59	53917.63	53736.04	54036.76254	-300.7225432	-94.55254316	Varney-2018	80.87745684
605829.86	5600483.17	35.82407595	54181.56	53923.35	53741.79	54036.75913	-294.9691339	-88.79913389	Varney-2018	86.63086611
605828.63	5600483.95	35.9530884	54181.52	53922.83	53741.31	54036.75634	-295.4463382	-89.27633816	Varney-2018	86.15366184
605828.9	5600484.72	36.01120882	54181.46	53929.85	53748.39	54036.75846	-288.3684623	-82.19846233	Varney-2018	93.23153767
605827.78	5600485.42	36.12706489	54181.39	53924.27	53742.88	54036.75592	-293.8759182	-87.70591817	Varney-2018	87.72408183
605827.16	5600485.12	36.12824759	54181.36	53924.63	53743.27	54036.7534	-293.4834015	-87.31340154	Varney-2018	88.11659846
605827.11	5600485	36.11960381	54181.33	53923.51	53742.18	54036.75304	-294.5730433	-88.40304325	Varney-2018	87.02695675
605827.75	5600485.71	36.1549684	54181.36	53925.12	53743.76	54036.75629	-292.9962883	-86.82628827	Varney-2018	88.60371173
605827.45	5600485.71	36.16876574	54181.4	53921.28	53739.88	54036.75531	-296.8753063	-90.70530632	Varney-2018	84.72469368
605827.91	5600485.65	36.14211987	54181.49	53930.22	53748.73	54036.75672	-288.0267151	-81.85671515	Varney-2018	93.57328485
605827.63	5600485.49	36.14037547	54181.58	53918.98	53737.4	54036.75554	-299.35554	-93.18553998	Varney-2018	82.24446002
605826.94	5600486.07	36.22505917	54181.67	53927.61	53745.94	54036.75422	-290.8142207	-84.64422067	Varney-2018	90.78577933
605828.34	5600485.16	36.07744017	54181.77	53917.46	53735.69	54036.75733	-301.0673337	-94.89733368	Varney-2018	80.53266632
605827.26	5600484.69	36.08436808	54181.8	53922.09	53740.29	54036.75303	-296.4630332	-90.29303321	Varney-2018	85.13696679
605826.32	5600485.15	36.16975563	54181.84	53920.09	53738.25	54036.7507	-298.500697	-92.33069702	Varney-2018	83.09930298
605826.6	5600485.77	36.21332525	54181.78	53922.97	53741.19	54036.75262	-295.5626216	-89.39262156	Varney-2018	86.03737844
605826.57	5600485.52	36.19192728	54181.71	53922.41	53740.7	54036.75212	-296.0521173	-89.88211734	Varney-2018	85.54788266
605826.51	5600486.41	36.27576128	54181.6	53920.34	53738.74	54036.75337	-298.0133668	-91.84336678	Varney-2018	83.58663322
605825.95	5600487.93	36.43961275	54181.49	53923.42	53741.93	54036.75401	-294.8240128	-88.65401284	Varney-2018	86.77598716
605825.31	5600488.74	36.54213375	54181.38	53928.22	53746.84	54036.75325	-289.9132525	-83.74325245	Varney-2018	91.68674755
605825.06	5600488.5	36.53165032	54181.26	53931.93	53750.67	54036.75205	-286.0820474	-79.91204742	Varney-2018	95.51795258

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605825.14	5600488.23	36.50354921	54181.23	53929.45	53748.22	54036.75187	-288.531866	-82.36186604	Varney-2018	93.06813396
605824.53	5600489.08	36.60809304	54181.19	53924.39	53743.2	54036.75128	-293.5512752	-87.38127523	Varney-2018	88.04872477
605825.23	5600488	36.47861089	54181.25	53931.43	53750.18	54036.75178	-286.5717829	-80.40178293	Varney-2018	95.02821707
605827.17	5600490.24	36.59515777	54181.31	53927.81	53746.5	54036.76173	-290.2617262	-84.09172625	Varney-2018	91.33827375
605826.92	5600489.78	36.56436864	54181.41	53926.38	53744.97	54036.76017	-291.7901708	-85.62017084	Varney-2018	89.80982916
605824.8	5600491.97	36.85775426	54181.52	53934.75	53753.23	54036.75689	-283.5268853	-77.3568853	Varney-2018	98.0731147
605822.64	5600490.73	36.84160027	54181.63	53941.77	53760.14	54036.74787	-276.6078682	-70.43786816	Varney-2018	104.9921318
605822.28	5600492.01	36.97264959	54181.75	53947.13	53765.38	54036.74883	-271.3688252	-65.19882516	Varney-2018	110.2311748
605822.21	5600492.63	37.03144021	54181.81	53946.96	53765.15	54036.74963	-271.5996273	-65.42962732	Varney-2018	110.0003727
605820.23	5600492.58	37.11404714	54181.87	53953.14	53771.27	54036.74317	-265.4731687	-59.30316871	Varney-2018	116.1268313
605820.47	5600494.42	37.26785924	54181.87	53957.79	53775.92	54036.74702	-260.8270167	-54.65701674	Varney-2018	120.7729833
605820.87	5600494.55	37.2621062	54181.87	53959.65	53777.78	54036.74852	-258.9685159	-52.79851594	Varney-2018	122.6314841
605821.32	5600495.78	37.35275143	54181.82	53965.25	53783.43	54036.75201	-253.3220057	-47.15200573	Varney-2018	128.2779943
605822.98	5600496.92	37.38394843	54181.77	53972.74	53790.97	54036.75919	-245.7891931	-39.61919312	Varney-2018	135.8108069
605824.19	5600497.78	37.41000864	54181.72	53982.17	53800.45	54036.76446	-236.3144614	-30.14446137	Varney-2018	145.2855386
605825.71	5600499	37.45629492	54181.67	53989.02	53807.35	54036.77128	-229.4212843	-23.2512843	Varney-2018	152.1787157
605825.89	5600499.63	37.50598724	54181.65	53989.21	53807.56	54036.77288	-229.2128815	-23.04288149	Varney-2018	152.3871185
605826.15	5600501.9	37.70162313	54181.63	54000.84	53819.21	54036.7774	-217.5673987	-11.39739869	Varney-2018	164.0326013
605826.7	5600502.88	37.76824632	54181.65	54003.09	53821.44	54036.78072	-215.3407207	-9.170720745	Varney-2018	166.2592793
605826.54	5600504.92	37.96064838	54181.67	54008.05	53826.38	54036.78353	-210.403532	-4.233531968	Varney-2018	171.196468
605825.83	5600505.69	38.05931553	54181.71	54011.76	53830.05	54036.78257	-206.7325685	-0.562568451	Varney-2018	174.8674315
605824.27	5600505.37	38.09303923	54181.76	54010.15	53828.39	54036.77718	-208.3871779	-2.217177883	Varney-2018	173.2128221
605825.41	5600506.28	38.12974134	54181.81	54012.64	53830.83	54036.78222	-205.9522221	0.217777875	Varney-2018	175.6477779
605825.54	5600507.62	38.24622521	54181.87	54004.76	53822.89	54036.78481	-213.894814	-7.724813954	Varney-2018	167.705186
605824.44	5600506.68	38.20473398	54181.87	54004.48	53822.61	54036.77986	-214.1698577	-7.999857654	Varney-2018	167.4301423
605823.56	5600507.07	38.27501941	54181.88	54003.79	53821.91	54036.77776	-214.8677624	-8.697762424	Varney-2018	166.7322376
605823.87	5600506.7	38.22927246	54181.84	54008.22	53826.38	54036.77812	-210.3981173	-4.228117263	Varney-2018	171.2018827
605823.92	5600505.67	38.13423207	54181.8	54006.39	53824.59	54036.77658	-212.1865789	-6.016578858	Varney-2018	169.4134211
605823.38	5600505.68	38.1568284	54181.75	53997.42	53815.67	54036.77491	-221.1049112	-14.93491117	Varney-2018	160.4950888
605823.63	5600506.35	38.20725423	54181.69	53994.87	53813.18	54036.77679	-223.5967943	-17.42679425	Varney-2018	158.0032057
605823.65	5600508.36	38.38787303	54181.67	53986.69	53805.02	54036.78017	-231.7601664	-25.59016638	Varney-2018	149.8398336
605823.3	5600509.41	38.50822071	54181.65	53978.21	53796.56	54036.7805	-240.2204983	-34.05049827	Varney-2018	141.3795017
605822.95	5600511.09	38.76817161	54181.66	53967.9	53786.24	54036.77967	-250.5396722	-44.36967223	Varney-2018	131.0603278
605823.28	5600510.96	38.73653614	54181.67	53963.62	53781.95	54036.78066	-254.8306637	-48.66066367	Varney-2018	126.7693363
605823.76	5600512.39	38.9285648	54181.73	53959.29	53777.56	54036.78233	-259.2223333	-53.05233332	Varney-2018	122.3776667
605823.69	5600512.49	38.94587762	54181.8	53957.01	53775.21	54036.78213	-261.5721344	-55.40213441	Varney-2018	120.0278656
605824.43	5600511.94	38.83722978	54181.82	53961.26	53779.44	54036.78431	-257.3443135	-51.17431346	Varney-2018	124.2556865
605824.35	5600511.28	38.74293195	54181.85	53957.37	53775.52	54036.78398	-261.2639838	-55.09398384	Varney-2018	120.3360162
605823.67	5600512.36	38.92750852	54181.85	53953.82	53771.97	54036.78206	-264.8120553	-58.64205534	Varney-2018	116.7879447
605822.62	5600512.69	39.01497789	54181.86	53952.76	53770.9	54036.77891	-265.8789127	-59.70891269	Varney-2018	115.7210873
605822.72	5600513.29	39.09914893	54181.83	53945.18	53763.35	54036.77931	-273.4293096	-67.25930958	Varney-2018	108.1706904
605822.42	5600514.32	39.26085221	54181.8	53946.63	53764.83	54036.77857	-271.948566	-65.77856599	Varney-2018	109.651434
605821.58	5600513.57	39.18185997	54181.78	53939.45	53757.67	54036.77591	-279.1059063	-72.93590634	Varney-2018	102.4940937
605821.51	5600513.92	39.23543539	54181.75	53935.5	53753.75	54036.77576	-283.0257557	-76.85575565	Varney-2018	98.57424435
605821.68	5600516.73	39.63910928	54181.72	53930.84	53749.12	54036.77675	-287.6567506	-81.4867506	Varney-2018	93.9432494
605822.02	5600520.11	40.12097453	54181.69	53934.37	53752.68	54036.77832	-284.0983235	-77.92832352	Varney-2018	97.50167648
605822.38	5600522.19	40.41342675	54181.69	53936.87	53755.18	54036.77971	-281.5997092	-75.42970923	Varney-2018	100.0002908
605823.29	5600523.75	40.61376061	54181.68	53939.04	53757.36	54036.78257	-279.4225666	-73.25256661	Varney-2018	102.1774334
605824.14	5600525.18	40.79839419	54181.68	53940.64	53758.96	54036.78519	-277.825192	-71.655192	Varney-2018	103.774808
605824.21	5600526.54	40.99669783	54181.67	53943.89	53762.22	54036.78557	-274.5655705	-68.39557053	Varney-2018	107.0344295
605825.41	5600528.06	41.18698047	54181.68	53941.45	53759.77	54036.78913	-277.0191283	-70.84912826	Varney-2018	104.5808717
605825.45	5600528.66	41.27470085	54181.7	53943.48	53761.78	54036.78931	-275.0093078	-68.83930777	Varney-2018	106.5906922
605826.02	5600529.42	41.37169327	54181.75	53945.17	53763.42	54036.79098	-273.3709759	-67.20097593	Varney-2018	108.2290241
605825.64	5600530.78	41.58358394	54181.8	53943.45	53761.65	54036.79007	-275.1400702	-68.97007015	Varney-2018	106.4599298
605826.01	5600531.17	41.63166715	54181.83	53947.22	53765.39	54036.79113	-271.4011301	-65.2311301	Varney-2018	110.1988699
605826.1	5600531.88	41.73470771	54181.87	53932.64	53750.77	54036.79145	-286.0214503	-79.85145033	Varney-2018	95.57854967
605824.79	5600533.31	41.9797218	54181.88	53914.09	53732.21	54036.78804	-304.5780394	-98.40803941	Varney-2018	77.02196059
605824.43	5600533.45	42.0093612	54181.89	53917.1	53735.21	54036.78708	-301.5770798	-95.40707976	Varney-2018	80.02292024
605823.25	5600533.2	42.00204728	54181.89	53916.47	53734.58	54036.78384	-302.2038411	-96.03384107	Varney-2018	79.39615893
605822.01	5600533.65	42.09882698	54181.9	53912	53730.1	54036.78055	-306.6805463	-100.5105463	Varney-2018	74.91945368
605820.73	5600533.96	42.17558988	54181.88	53912.47	53730.59	54036.77713	-306.1871347	-100.0171347	Varney-2018	75.41286525
605820.95	5600534.4	42.23416626	54181.86	53910.03	53728.17	54036.77781	-308.6078104	-102.4378104	Varney-2018	72.99218958
605822.46	5600535.43	42.34811596	54181.85	53911.89	53730.04	54036.78205	-306.7420495	-100.5720495	Varney-2018	74.85795046
605823.47	5600535.96	42.40200431	54181.84	53913.65	53731.81	54036.78484	-304.9748351	-98.80483509	Varney-2018	76.62516491

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605823.36	5600536.7	42.51324536	54181.85	53916.13	53734.28	54036.78465	-302.5046484	-96.3346484	Varney-2018	79.0953516
605823.42	5600535.68	42.3620494	54181.86	53913.51	53731.65	54036.78466	-305.134661	-98.96466096	Varney-2018	76.46533904
605823.29	5600535.57	42.34896767	54181.88	53916.75	53734.87	54036.7843	-301.9142966	-95.74429663	Varney-2018	79.68570337
605824.57	5600534.15	42.1091636	54181.91	53915.43	53733.52	54036.78755	-303.2675481	-97.09754814	Varney-2018	78.33245186
605823.7	5600533.39	42.01871488	54181.94	53916.29	53734.35	54036.78509	-302.4350905	-96.2650905	Varney-2018	79.1649095
605822.99	5600532	41.83260757	54181.97	53918.17	53736.2	54036.78295	-300.5829533	-94.4129533	Varney-2018	81.0170467
605823.72	5600537.27	42.58879061	54181.99	53912.93	53730.94	54036.78569	-305.8456866	-99.67568663	Varney-2018	75.75431337
605824.09	5600535.9	42.37864485	54182.02	53913.13	53731.11	54036.78649	-305.6764852	-99.50648518	Varney-2018	75.92351482
605824.37	5600534.51	42.16713852	54182.04	53912.75	53730.71	54036.78705	-306.0770542	-99.90705424	Varney-2018	75.52294576
605824.86	5600538.85	42.79636983	54182.06	53915.55	53733.49	54036.7889	-303.2989047	-97.1289047	Varney-2018	78.3010953
605826.38	5600539.62	42.87778162	54182.08	53917.8	53735.72	54036.79298	-301.0729769	-94.90297688	Varney-2018	80.52702312
605827.94	5600540.99	43.04945658	54182.11	53915.34	53733.23	54036.79716	-303.5671611	-97.39716109	Varney-2018	78.03283891
605826.78	5600538.96	42.77102898	54182.12	53916.74	53734.62	54036.79396	-302.1739631	-96.00396313	Varney-2018	79.42603687
605828.06	5600539.75	42.86148995	54182.14	53915.99	53733.85	54036.79738	-302.9473833	-96.77738335	Varney-2018	78.65261665
605827.86	5600539.43	42.81789344	54182.16	53914.81	53732.65	54036.79684	-304.1468363	-97.97683626	Varney-2018	77.45316374
605826.65	5600539.24	42.81550249	54182.18	53912.95	53730.77	54036.79365	-306.0236479	-99.85364785	Varney-2018	75.57635215
605826.6	5600539.02	42.78385294	54182.19	53917.57	53735.38	54036.7935	-301.4134958	-95.24349585	Varney-2018	80.18650415
605826.45	5600536.33	42.38720366	54182.2	53914.33	53732.13	54036.79284	-304.6628407	-98.49284068	Varney-2018	76.93715932
605826.64	5600535.61	42.27567934	54182.19	53915.68	53733.49	54036.79328	-303.30328	-97.13327995	Varney-2018	78.29672005
605826.83	5600534.89	42.16399427	54182.18	53911.87	53729.69	54036.79372	-307.1037235	-100.9337235	Varney-2018	74.49627652
605827.02	5600534.17	42.05214845	54182.16	53912.69	53730.53	54036.79417	-306.2641713	-100.0941713	Varney-2018	75.33582873
605827.2	5600533.46	41.94188188	54182.14	53912.89	53730.75	54036.7946	-306.0445971	-99.87459705	Varney-2018	75.55540295
605827.3	5600533.1	41.88569547	54182.12	53913.98	53731.86	54036.79484	-304.9348382	-98.7648382	Varney-2018	76.6651618
605827.3	5600533.1	41.88569547	54182.1	53916.94	53734.84	54036.79484	-301.9548382	-95.7848382	Varney-2018	79.6451618
605827.3	5600533.1	41.88569547	54182.1	53915.95	53733.85	54036.79484	-302.9448382	-96.7748382	Varney-2018	78.6551618
605827.3	5600533.1	41.88569547	54182.1	53919.64	53737.54	54036.79484	-299.2548382	-93.0848382	Varney-2018	82.3451618
605827.3	5600533.1	41.88569547	54182.11	53917.55	53735.44	54036.79484	-301.3548382	-95.1848382	Varney-2018	80.2451618
605827.3	5600533.1	41.88569547	54182.12	53915	53732.88	54036.79484	-303.9148382	-97.7448382	Varney-2018	77.6851618
605827.3	5600533.1	41.88569547	54182.13	53918.41	53736.28	54036.79484	-300.5148382	-94.3448382	Varney-2018	81.0851618
605827.3	5600533.1	41.88569547	54182.15	53912.93	53730.78	54036.79484	-306.0148382	-99.8448382	Varney-2018	75.5851618
605827.3	5600533.1	41.88569547	54182.15	53920.32	53738.17	54036.79484	-298.6248382	-92.4548382	Varney-2018	82.9751618
605827.3	5600533.1	41.88569547	54182.14	53919.79	53737.65	54036.79484	-299.1448382	-92.9748382	Varney-2018	82.4551618
605827.3	5600533.1	41.88569547	54182.15	53920.65	53738.5	54036.79484	-298.2948382	-92.1248382	Varney-2018	83.3051618
605827.3	5600533.1	41.88569547	54182.17	53920.83	53738.66	54036.79484	-298.1348382	-91.9648382	Varney-2018	83.4651618
605827.3	5600533.1	41.88569547	54182.18	53921.45	53739.27	54036.79484	-297.5248382	-91.3548382	Varney-2018	84.0751618
605827.3	5600533.1	41.88569547	54182.2	53918.67	53736.47	54036.79484	-300.3248382	-94.1548382	Varney-2018	81.2751618
605827.3	5600533.1	41.88569547	54182.2	53921.39	53739.19	54036.79484	-297.6048382	-91.4348382	Varney-2018	83.9951618
605827.3	5600533.1	41.88569547	54182.19	53921.5	53739.31	54036.79484	-297.4848382	-91.3148382	Varney-2018	84.1151618
605827.3	5600533.1	41.88569547	54182.19	53920.51	53738.32	54036.79484	-298.4748382	-92.3048382	Varney-2018	83.1251618
605827.3	5600533.1	41.88569547	54182.18	53923.6	53741.42	54036.79484	-295.3748382	-89.2048382	Varney-2018	86.2251618
605827.3	5600533.1	41.88569547	54182.15	53921.26	53739.11	54036.79484	-297.6848382	-91.5148382	Varney-2018	83.9151618
605827.3	5600533.1	41.88569547	54182.11	53924.07	53741.96	54036.79484	-294.8348382	-88.6648382	Varney-2018	86.7651618
605827.3	5600533.1	41.88569547	54182.09	53923.65	53741.56	54036.79484	-295.2348382	-89.0648382	Varney-2018	86.3651618
605827.3	5600533.1	41.88569547	54182.07	53923.67	53741.6	54036.79484	-295.1948382	-89.0248382	Varney-2018	86.4051618
605827.3	5600533.1	41.88569547	54182.07	53924.75	53742.68	54036.79484	-294.1148382	-87.9448382	Varney-2018	87.4851618
605827.3	5600533.1	41.88569547	54182.06	53922.53	53740.47	54036.79484	-296.3248382	-90.1548382	Varney-2018	85.2751618
605827.3	5600533.1	41.88569547	54182.06	53925.21	53743.15	54036.79484	-293.6448382	-87.4748382	Varney-2018	87.9551618
605827.3	5600533.1	41.88569547	54182.05	53928.61	53746.56	54036.79484	-290.2348382	-84.0648382	Varney-2018	91.3651618
605827.3	5600533.1	41.88569547	54182.07	53924.24	53742.17	54036.79484	-294.6248382	-88.4548382	Varney-2018	86.9751618
605827.3	5600533.1	41.88569547	54182.09	53929.61	53747.52	54036.79484	-289.2748382	-83.1048382	Varney-2018	92.3251618
605827.3	5600533.1	41.88569547	54182.13	53930.43	53748.3	54036.79484	-288.4948382	-82.3248382	Varney-2018	93.1051618
605827.3	5600533.1	41.88569547	54182.17	53930.51	53748.34	54036.79484	-288.4548382	-82.2848382	Varney-2018	93.1451618
605827.3	5600533.1	41.88569547	54182.19	53933.93	53751.74	54036.79484	-285.0548382	-78.8848382	Varney-2018	96.5451618
605827.3	5600533.1	41.88569547	54182.22	53931.82	53749.6	54036.79484	-287.1948382	-81.0248382	Varney-2018	94.4051618
605827.3	5600533.1	41.88569547	54182.24	53933.56	53751.32	54036.79484	-285.4748382	-79.3048382	Varney-2018	96.1251618
605827.3	5600533.1	41.88569547	54182.26	53941.51	53759.25	54036.79484	-277.5448382	-71.3748382	Varney-2018	104.0551618
605827.3	5600533.1	41.88569547	54182.25	53936.39	53754.14	54036.79484	-282.6548382	-76.4848382	Varney-2018	98.9451618
605827.3	5600533.1	41.88569547	54182.24	53934.03	53751.79	54036.79484	-285.0048382	-78.8348382	Varney-2018	96.5951618
605827.3	5600533.1	41.88569547	54182.23	53934.84	53752.61	54036.79484	-284.1848382	-78.0148382	Varney-2018	97.4151618
605827.3	5600533.1	41.88569547	54182.21	53938.48	53756.27	54036.79484	-280.5248382	-74.3548382	Varney-2018	101.0751618
605827.3	5600533.1	41.88569547	54182.19	53938.47	53756.28	54036.79484	-280.5148382	-74.3448382	Varney-2018	101.0851618
605827.3	5600533.1	41.88569547	54182.17	53940.39	53758.22	54036.79484	-278.5748382	-72.4048382	Varney-2018	103.0251618
605827.3	5600533.1	41.88569547	54182.14	53931.86	53749.72	54036.79484	-287.0748382	-80.9048382	Varney-2018	94.5251618
605827.3	5600533.1	41.88569547	54182.1	53934.37	53752.27	54036.79484	-284.5248382	-78.3548382	Varney-2018	97.0751618

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605827.3	5600533.1	41.88569547	54182.09	53935.23	53753.14	54036.79484	-283.6548382	-77.4848382	Varney-2018	97.9451618
605827.3	5600533.1	41.88569547	54182.08	53931.47	53749.39	54036.79484	-287.4048382	-81.2348382	Varney-2018	94.1951618
605827.3	5600533.1	41.88569547	54182.1	53931.02	53748.92	54036.79484	-287.8748382	-81.7048382	Varney-2018	93.7251618
605827.3	5600533.1	41.88569547	54182.13	53932.64	53750.51	54036.79484	-286.2848382	-80.1148382	Varney-2018	95.3151618
605827.3	5600533.1	41.88569547	54182.18	53933.86	53751.68	54036.79484	-285.1148382	-78.9448382	Varney-2018	96.4851618
605827.3	5600533.1	41.88569547	54182.24	53929.9	53747.66	54036.79484	-289.1348382	-82.9648382	Varney-2018	92.4651618
605827.3	5600533.1	41.88569547	54182.33	53935.23	53752.9	54036.79484	-283.8948382	-77.7248382	Varney-2018	97.7051618
605827.3	5600533.1	41.88569547	54182.43	53947.15	53764.72	54036.79484	-272.0748382	-65.9048382	Varney-2018	109.5251618
605827.3	5600533.1	41.88569547	54182.51	53952.12	53769.61	54036.79484	-267.1848382	-61.0148382	Varney-2018	114.4151618
605827.3	5600533.1	41.88569547	54182.59	53961.37	53778.78	54036.79484	-258.0148382	-51.8448382	Varney-2018	123.5851618
605827.3	5600533.1	41.88569547	54182.61	53957.48	53774.87	54036.79484	-261.9248382	-55.7548382	Varney-2018	119.6751618
605743.12	5600644.83	53.44399494	54183.4	54030.4	53847	54036.76689	-189.7668921	16.40310794	Varney-2018	191.8331079
605742.78	5600644.33	53.4102168	54183.5	54031.33	53847.83	54036.76507	-188.9350697	17.23493033	Varney-2018	192.6649303
605742.6	5600643.97	53.38562284	54183.61	54017.29	53833.68	54036.7639	-203.0838978	3.086102159	Varney-2018	178.5161022
605741.53	5600644.58	53.43278494	54183.68	54029.91	53846.23	54036.76292	-190.5329151	15.63708494	Varney-2018	191.0670849
605739.76	5600645.41	53.49841447	54183.75	54072.93	53889.18	54036.76089	-147.5808943	58.58910568	Varney-2018	234.0191057
605738.32	5600646.43	53.57635845	54183.76	54090.86	53907.1	54036.75999	-129.6599921	76.51000786	Varney-2018	251.9400079
605737.38	5600648.78	53.7465351	54183.77	54002.37	53818.6	54036.76304	-218.1630441	-11.9930441	Varney-2018	163.4369559
605734.64	5600646.83	53.62004778	54183.73	53883.01	53699.28	54036.75289	-337.4728947	-131.3028947	Varney-2018	44.12710527
605734.25	5600648.13	53.71401124	54183.68	53797.11	53613.43	54036.75485	-423.3248546	-217.1548546	Varney-2018	-41.72485462
605732.74	5600648.86	53.77244873	54183.62	53776.09	53592.47	54036.75315	-444.2831543	-238.1131543	Varney-2018	-62.68315432
605730.81	5600647.75	53.70170965	54183.56	53875.29	53691.73	54036.74658	-345.0165833	-138.8465833	Varney-2018	36.58341669
605729.97	5600648.06	53.72742711	54183.54	53917.55	53734.01	54036.74543	-302.7354293	-96.56542929	Varney-2018	78.86457071
605728.8	5600648.05	53.73173867	54183.52	53921.25	53737.73	54036.74287	-299.0128726	-92.84287257	Varney-2018	82.58712743
605728.16	5600648.3	53.75237424	54183.53	53932.06	53748.53	54036.74202	-288.2120215	-82.04202149	Varney-2018	93.38797851
605727.56	5600648.44	53.76498802	54183.54	53936.07	53752.53	54036.74102	-284.2110208	-78.04102084	Varney-2018	97.38897916
605727.19	5600647.51	53.69997396	54183.59	53936.66	53753.07	54036.73823	-283.6682279	-77.49822789	Varney-2018	97.93177211
605726.6	5600647.27	53.68527742	54183.65	53936.31	53752.66	54036.73644	-284.0764367	-77.9064367	Varney-2018	97.5235633
605725.23	5600648.1	53.75066271	54183.67	53938.74	53755.07	54036.73524	-281.6652436	-75.49524359	Varney-2018	99.93475641
605723.66	5600648.41	53.77971242	54183.7	53942.07	53758.37	54036.7325	-278.3625025	-72.19250252	Varney-2018	103.2374975
605721.88	5600649.41	53.85949973	54183.69	53937.18	53753.49	54036.73077	-283.2407726	-77.0707726	Varney-2018	98.3592274
605720.29	5600650.49	53.94451648	54183.67	53936.47	53752.8	54036.72962	-283.9296173	-77.75961727	Varney-2018	97.67038273
605718.87	5600651.73	54.04062228	54183.61	53931.17	53747.56	54036.72916	-289.1691633	-82.99916332	Varney-2018	92.43083668
605717.59	5600651.7	54.04435177	54183.54	53934.83	53751.29	54036.72632	-285.4363154	-79.26631538	Varney-2018	96.16368462
605716.97	5600651.51	54.0334328	54183.5	53934.11	53750.61	54036.72456	-286.1145644	-79.94456443	Varney-2018	95.48543557
605716.59	5600651.27	54.01776811	54183.45	53931.83	53748.38	54036.72323	-288.34323	-82.17323005	Varney-2018	93.25676995
605715.21	5600651.26	54.02335123	54183.48	53934.03	53750.55	54036.72021	-286.1702085	-80.00020845	Varney-2018	95.42979155
605714	5600652.08	54.0885495	54183.51	53930.01	53746.5	54036.71931	-290.2193083	-84.04930834	Varney-2018	91.38069166
605713.33	5600652.99	54.15792773	54183.52	53931.75	53748.23	54036.71977	-288.4897696	-82.31976962	Varney-2018	93.11023038
605713.52	5600653.36	54.18396901	54183.54	53928.61	53745.07	54036.72096	-291.650964	-85.480964	Varney-2018	89.949036
605713.18	5600653.6	54.20306512	54183.53	53930.5	53746.97	54036.72073	-289.7507292	-83.58072923	Varney-2018	91.84927077
605713.56	5600654.09	54.23692462	54183.51	53928.48	53744.97	54036.72259	-291.7525912	-85.58259117	Varney-2018	89.84740883
605713.64	5600655.05	54.30642306	54183.46	53925.68	53742.22	54036.72479	-294.504791	-88.33479102	Varney-2018	87.09520898
605713.74	5600655.68	54.35178902	54183.41	53922.97	53739.56	54036.72634	-297.1663386	-90.99633862	Varney-2018	84.43366138
605713.3	5600656.77	54.43334665	54183.4	53923.62	53740.22	54036.72768	-296.5076763	-90.33767634	Varney-2018	85.09232366
605712.85	5600657.38	54.48006375	54183.38	53918.96	53735.58	54036.72798	-301.1479781	-94.97797815	Varney-2018	80.45202185
605712.94	5600657.53	54.49053329	54183.4	53921.52	53738.12	54036.72849	-298.6084913	-92.43849131	Varney-2018	82.99150869
605713.18	5600657.15	54.4616294	54183.43	53922.88	53739.45	54036.72822	-297.2782152	-91.10821524	Varney-2018	84.32178476
605712.93	5600657.53	54.4905844	54183.52	53921.4	53737.88	54036.72847	-298.8484694	-92.67846943	Varney-2018	82.75153057
605713.24	5600658.31	54.54580734	54183.61	53924.58	53740.97	54036.73079	-295.7607928	-89.59079279	Varney-2018	85.83920721
605714.26	5600658.76	54.57325985	54183.71	53925.2	53741.49	54036.73398	-295.2439769	-89.07397695	Varney-2018	86.35602305
605715.31	5600659.78	54.64188725	54183.82	53927.55	53743.73	54036.73843	-293.0084337	-86.83843372	Varney-2018	88.59156628
605714.76	5600660.95	54.72986257	54183.86	53929.49	53745.63	54036.7397	-291.1096986	-84.93969863	Varney-2018	90.49030137
605714.45	5600660.65	54.70972038	54183.9	53922.92	53739.02	54036.73838	-297.7183843	-91.54838428	Varney-2018	83.88161572
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605713.42	5600663.31	54.84097307	54183.8	53911.98	53728.18	54036.74354	-308.5635369	-102.3935369	Varney-2018	73.03646305
605714.22	5600663.78	54.85777089	54183.74	53909.46	53725.72	54036.74663	-311.026633	-104.856633	Varney-2018	70.57336703
605714.54	5600664.25	54.87689896	54183.68	53903.14	53719.46	54036.74868	-317.2886818	-111.1186818	Varney-2018	64.31131823
605714.17	5600665.77	54.94483011	54183.67	53906.06	53722.39	54036.75226	-314.3622625	-108.1922625	Varney-2018	67.23773755
605714.12	5600666.77	54.98864098	54183.66	53902.42	53718.76	54036.75504	-317.9950386	-111.8250386	Varney-2018	63.60496139
605713.59	5600668.18	55.05175694	54183.71	53895.33	53711.62	54036.75797	-325.137974	-118.967974	Varney-2018	56.46202596
605711.94	5600667.77	55.03918985	54183.76	53896.76	53713	54036.75326	-323.7532632	-117.5832632	Varney-2018	57.84673675
605711.24	5600668.82	55.08621869	54183.82	53894.62	53710.8	54036.75482	-325.9548217	-119.7848217	Varney-2018	55.64517832
605710.96	5600671.25	55.19047618	54183.88	53901.76	53717.88	54036.7613	-318.8813008	-112.7113008	Varney-2018	62.71869922

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605711.35	5600671.51	55.20078723	54183.92	53899.04	53715.12	54036.76288	-321.6428786	-115.4728786	Varney-2018	59.95712144
605710.73	5600673.1	55.26957254	54183.97	53901.31	53717.34	54036.76621	-319.4262062	-113.2562062	Varney-2018	62.17379379
605711.2	5600678.49	55.49882483	54184.01	53904.82	53720.81	54036.78287	-315.9728705	-109.8028705	Varney-2018	65.62712949
605710.48	5600676.94	55.4328201	54184.05	53900.76	53716.71	54036.77688	-320.0668798	-113.8968798	Varney-2018	61.53312018
605709.17	5600677.46	55.45486055	54184.05	53894.66	53710.61	54036.77571	-326.1657071	-119.9957071	Varney-2018	55.43429288
605708.36	5600676.64	55.42063807	54184.06	53887.42	53703.36	54036.77164	-333.4116385	-127.2416385	Varney-2018	48.18836153
605707.34	5600678.02	55.47801141	54184.05	53881.78	53697.73	54036.7736	-339.0435991	-132.8735991	Varney-2018	42.55640092
605708.76	5600678.1	55.48164095	54184.04	53879.55	53695.51	54036.77674	-341.2667412	-135.0967412	Varney-2018	40.33325877
605709.91	5600684.57	55.75513986	54184.01	53868.12	53684.11	54036.79799	-352.687992	-146.517992	Varney-2018	28.91200802
605709.49	5600687.87	55.89305916	54183.97	53870.05	53686.08	54036.80681	-350.7268063	-144.5568063	Varney-2018	30.8731937
605704.45	5600682.74	55.66828324	54183.96	53865.75	53681.79	54036.78169	-354.9916922	-148.8216922	Varney-2018	26.60830785
605703.28	5600683.86	55.71108544	54183.94	53864.18	53680.24	54036.78268	-356.5426807	-150.3726807	Varney-2018	25.0573193
605701.35	5600685.76	55.78187215	54183.95	53854.23	53670.28	54036.78452	-366.5045186	-160.3345186	Varney-2018	15.09548135
605702.02	5600686.11	55.79758476	54183.96	53848.4	53664.44	54036.78689	-372.3468916	-166.1768916	Varney-2018	9.253108368
605701.38	5600687.13	55.8359623	54183.96	53843.67	53659.71	54036.78868	-377.0786815	-170.9086815	Varney-2018	4.52131849
605698.65	5600686.5	55.80295875	54183.97	53833.12	53649.15	54036.78141	-387.6314067	-181.4614067	Varney-2018	-6.031406722
605699.65	5600685.53	55.76826448	54184.01	53831.06	53647.05	54036.78046	-389.7304602	-183.5604602	Varney-2018	-8.130460233
605700.45	5600685.14	55.75514738	54184.05	53833.53	53649.48	54036.78087	-387.3008745	-181.1308745	Varney-2018	-5.700874548
605698.53	5600685.52	55.76488665	54184.09	53831.02	53646.93	54036.77821	-389.8482102	-183.6782102	Varney-2018	-8.248210156
605698.3	5600685.04	55.74583743	54184.13	53829.12	53644.99	54036.7763	-391.7863036	-185.6163036	Varney-2018	-10.18630363
605698.72	5600686.19	55.79121913	54184.14	53822.45	53638.31	54036.78061	-398.4706091	-192.3006091	Varney-2018	-16.87060914
605697.99	5600688.65	55.88333946	54184.16	53818.29	53634.13	54036.78661	-402.6566076	-196.4866076	Varney-2018	-21.05660763
605697.27	5600689.61	55.9172202	54184.13	53818.4	53634.27	54036.78811	-402.5181101	-196.3481101	Varney-2018	-20.9181101
605696.08	5600689.41	55.90490543	54184.1	53808.35	53624.25	54036.78519	-412.5351856	-206.3651856	Varney-2018	-30.93518562
605695.55	5600689.69	55.91331187	54184.06	53812.33	53628.27	54036.78501	-408.515006	-202.345006	Varney-2018	-26.91500605
605697.57	5600689.62	55.91880682	54184.01	53823.49	53639.48	54036.78872	-397.3087243	-191.1387243	Varney-2018	-15.7087243
605692.65	5600688.62	55.86248384	54183.96	53827.24	53643.28	54036.77608	-393.4960771	-187.3260771	Varney-2018	-11.89607705
605690.99	5600687.61	55.81999926	54183.91	53820.28	53636.37	54036.76971	-400.3997148	-194.2297148	Varney-2018	-18.79971479
605689.92	5600686.47	55.77577008	54183.91	53831.06	53647.15	54036.76408	-389.6140847	-183.4440847	Varney-2018	-8.0140847
605689.25	5600689.44	55.87898544	54183.92	53837.23	53653.31	54036.77197	-383.461973	-177.291973	Varney-2018	-1.861972988
605687.99	5600691.32	55.93981445	54183.99	53837	53653.01	54036.77537	-383.7653698	-177.5953698	Varney-2018	-2.165369753
605686.48	5600691.96	55.95498698	54184.06	53848.35	53664.29	54036.77445	-372.4844536	-166.3144536	Varney-2018	9.115546405
605685.44	5600692.93	55.98314963	54184.11	53851.2	53667.09	54036.77549	-369.6854912	-163.5154912	Varney-2018	11.91450875
605684.41	5600693.26	55.98905016	54184.17	53840.01	53655.84	54036.77455	-380.9345537	-174.7645537	Varney-2018	0.665446254
605684.32	5600693.19	55.98621437	54184.21	53847.02	53662.81	54036.77416	-373.9641613	-167.7941613	Varney-2018	7.635838661
605684.63	5600691.42	55.92781635	54184.25	53843.7	53659.45	54036.76919	-377.3191943	-171.1491943	Varney-2018	4.280805691
605683.84	5600692.01	55.94402158	54184.23	53846.72	53662.49	54036.76953	-374.2795268	-168.1095268	Varney-2018	7.320473189
605682.96	5600693.25	55.98114903	54184.21	53837.41	53653.2	54036.77175	-383.5717462	-177.4017462	Varney-2018	-1.971746195
605681.84	5600694.15	56.00357755	54184.16	53843.55	53659.39	54036.77249	-377.3824889	-171.2124889	Varney-2018	4.217511132
605681.41	5600694.65	56.01366727	54184.1	53839.57	53655.47	54036.77336	-381.303359	-175.133359	Varney-2018	0.296641017
605680.38	5600697.87	56.10031707	54184.05	53828.49	53644.44	54036.78196	-392.341958	-186.171958	Varney-2018	-10.74195799
605683.59	5600698.86	56.17271005	54183.99	53823.61	53639.62	54036.79063	-397.1706279	-191.0006279	Varney-2018	-15.57062795
605686.72	5600700.48	56.25085914	54183.95	53819.18	53635.23	54036.80153	-401.5715269	-195.4015269	Varney-2018	-19.97152686
605683.42	5600706.14	56.41542278	54183.9	53816.26	53632.36	54036.81326	-404.4532588	-198.2832588	Varney-2018	-22.85325883
605679.15	5600707.93	56.38635743	54183.92	53820.25	53636.33	54036.8125	-400.4824976	-194.3124976	Varney-2018	-18.88249761
605678.66	5600710.25	56.44347156	54183.94	53819.15	53635.21	54036.81935	-401.6093518	-195.4393518	Varney-2018	-20.00935176
605679.19	5600711.16	56.48629473	54183.99	53816.61	53632.62	54036.82298	-404.2029811	-198.0329811	Varney-2018	-22.60298106
605678.25	5600712.14	56.48822872	54184.05	53812.4	53628.35	54036.82496	-408.4749603	-202.3049603	Varney-2018	-26.87496031
605677.84	5600713.14	56.50543799	54184.09	53811.77	53627.68	54036.8277	-409.1477031	-202.9777031	Varney-2018	-27.54770314
605674.03	5600712.84	56.3805345	54184.14	53801.88	53617.74	54036.82198	-419.0819831	-212.9119831	Varney-2018	-37.48198308
605672.9	5600712.21	56.330237	54184.17	53794.74	53610.57	54036.81845	-426.2484518	-220.0784518	Varney-2018	-44.64845184
605672.37	5600712.52	56.32204784	54184.2	53788.95	53604.75	54036.81883	-432.0688338	-225.8988338	Varney-2018	-50.46883381
605671.4	5600713.26	56.31045345	54184.2	53783.45	53599.25	54036.82014	-437.5701405	-231.4001405	Varney-2018	-55.97014053
605670.98	5600713.86	56.31163123	54184.21	53781.28	53597.07	54036.82167	-439.7516717	-233.5816717	Varney-2018	-58.15167173
605667.66	5600714.08	56.21212245	54184.21	53793.38	53609.17	54036.81839	-427.6483852	-221.4783852	Varney-2018	-46.04838519
605667.39	5600714.43	56.21076537	54184.21	53801.46	53617.25	54036.81928	-419.5692813	-213.3992813	Varney-2018	-37.96928131
605668.2	5600715.44	56.25790806	54184.2	53790.26	53606.06	54036.82377	-430.7637749	-224.5937749	Varney-2018	-49.16377495
605666.61	5600716.09	56.21876225	54184.19	53791.2	53607.01	54036.82418	-429.8141761	-223.6441761	Varney-2018	-48.21417613
605665.16	5600718	56.20591373	54184.16	53796.87	53612.71	54036.82926	-424.1192588	-217.9492588	Varney-2018	-42.51925884
605665.37	5600719.06	56.23307441	54184.12	53802.55	53618.43	54036.83325	-418.4032529	-212.2332529	Varney-2018	-36.80325293
605665.65	5600718.58	56.23400981	54184.08	53802.09	53618.01	54036.83186	-418.8218632	-212.6518632	Varney-2018	-37.22186319
605669.64	5600717.4	56.34887979	54184.03	53802.97	53618.94	54036.83224	-417.8922381	-211.7222381	Varney-2018	-36.29223814
605668.69	5600717.97	56.32849989	54184.02	53806.4	53622.38	54036.83313	-414.453132	-208.283132	Varney-2018	-32.85313201
605669.06	5600716.87	56.31733176	54184	53798.16	53614.16	54036.82974	-422.6697427	-216.4997427	Varney-2018	-41.06974266

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605666.15	5600717.63	56.23330458	54184.01	53790.19	53606.18	54036.82907	-430.6490693	-224.4790693	Varney-2018	-49.04906929
605663.76	5600719.08	56.17574476	54184.03	53785.79	53601.76	54036.83155	-435.0715496	-228.9015496	Varney-2018	-53.4715496
605661.49	5600720.52	56.11650985	54184.04	53792.63	53608.59	54036.83428	-428.2442803	-222.0742803	Varney-2018	-46.64428028
605659.21	5600721.97	56.05139241	54184.06	53785.91	53601.85	54036.83719	-434.9871869	-228.8171869	Varney-2018	-53.38718692
605656.94	5600723.41	55.98085893	54184.07	53780.88	53596.81	54036.84022	-440.0302174	-233.8602174	Varney-2018	-58.43021737
605654.66	5600724.85	55.90428402	54184.09	53775.46	53591.37	54036.84339	-445.4733876	-239.3033876	Varney-2018	-63.87338758
605653.52	5600725.57	55.86387478	54184.1	53765.44	53581.34	54036.84503	-455.505029	-249.335029	Varney-2018	-73.90502898
605653.52	5600725.57	55.86387478	54184.11	53765.74	53581.63	54036.84503	-455.215029	-249.045029	Varney-2018	-73.61502898
605653.52	5600725.57	55.86387478	54184.12	53754.27	53570.15	54036.84503	-466.695029	-260.525029	Varney-2018	-85.09502898
605653.52	5600725.57	55.86387478	54184.14	53750.08	53565.94	54036.84503	-470.905029	-264.735029	Varney-2018	-89.30502898
605653.52	5600725.57	55.86387478	54184.13	53746.82	53562.69	54036.84503	-474.155029	-267.985029	Varney-2018	-92.55502898
605653.52	5600725.57	55.86387478	54184.11	53749.72	53565.61	54036.84503	-471.235029	-265.065029	Varney-2018	-89.63502898
605653.52	5600725.57	55.86387478	54184.12	53745.41	53561.29	54036.84503	-475.555029	-269.385029	Varney-2018	-93.95502898
605653.72	5600738.84	56.09755872	54184.14	53737.25	53553.11	54036.89287	-483.7828651	-277.6128651	Varney-2018	-102.1828651
605653.72	5600738.84	56.09755872	54184.14	53736.35	53552.21	54036.89287	-484.6828651	-278.5128651	Varney-2018	-103.0828651
605653.72	5600738.84	56.09755872	54184.14	53734.57	53550.43	54036.89287	-486.4628651	-280.2928651	Varney-2018	-104.8628651
605653.72	5600738.84	56.09755872	54184.13	53733.89	53549.76	54036.89287	-487.1328651	-280.9628651	Varney-2018	-105.5328651
605653.72	5600738.84	56.09755872	54184.12	53731.58	53547.46	54036.89287	-489.4328651	-283.2628651	Varney-2018	-107.8328651
605653.72	5600738.84	56.09755872	54184.11	53735.08	53550.97	54036.89287	-485.9228651	-279.7528651	Varney-2018	-104.3228651
605652.77	5600739.74	56.10716427	54184.09	53734.88	53550.79	54036.8943	-486.1042969	-279.9342969	Varney-2018	-104.5042969
605652.77	5600739.74	56.10716427	54184.09	53736.62	53552.53	54036.8943	-484.3642969	-278.1942969	Varney-2018	-102.7642969
605652.77	5600739.74	56.10716427	54184.1	53739.82	53555.72	54036.8943	-481.1742969	-275.0042969	Varney-2018	-99.57429692
605652.77	5600739.74	56.10716427	54184.14	53736.46	53552.32	54036.8943	-484.5742969	-278.4042969	Varney-2018	-102.9742969
605652.77	5600739.74	56.10716427	54184.18	53735.87	53551.69	54036.8943	-485.2042969	-279.0342969	Varney-2018	-103.6042969
605652.77	5600739.74	56.10716427	54184.24	53734.81	53550.57	54036.8943	-486.3242969	-280.1542969	Varney-2018	-104.7242969
605652.77	5600739.74	56.10716427	54184.31	53732.22	53547.91	54036.8943	-488.9842969	-282.8142969	Varney-2018	-107.3842969
605652.77	5600739.74	56.10716427	54184.35	53728.09	53543.74	54036.8943	-493.1542969	-286.9842969	Varney-2018	-111.5542969
605652.77	5600739.74	56.10716427	54184.39	53728.72	53544.33	54036.8943	-492.5642969	-286.3942969	Varney-2018	-110.9642969
605652.77	5600739.74	56.10716427	54184.39	53732.44	53548.05	54036.8943	-488.8442969	-282.6742969	Varney-2018	-107.2442969
605652.77	5600739.74	56.10716427	54184.38	53736.88	53552.5	54036.8943	-484.3942969	-278.2242969	Varney-2018	-102.7942969
605652.77	5600739.74	56.10716427	54184.36	53734.38	53550.02	54036.8943	-486.8742969	-280.7042969	Varney-2018	-105.2742969
605652.77	5600739.74	56.10716427	54184.33	53727.63	53543.3	54036.8943	-493.5942969	-287.4242969	Varney-2018	-111.9942969
605652.77	5600739.74	56.10716427	54184.31	53725.08	53540.77	54036.8943	-496.1242969	-289.9542969	Varney-2018	-114.5242969
605652.77	5600739.74	56.10716427	54184.28	53721.42	53537.14	54036.8943	-499.7542969	-293.5842969	Varney-2018	-118.1542969
605652.77	5600739.74	56.10716427	54184.27	53715.43	53531.16	54036.8943	-505.7342969	-299.5642969	Varney-2018	-124.1342969
605652.77	5600739.74	56.10716427	54184.26	53714.43	53530.17	54036.8943	-506.7242969	-300.5542969	Varney-2018	-125.1242969
605652.77	5600739.74	56.10716427	54184.28	53716.82	53532.54	54036.8943	-504.3542969	-298.1842969	Varney-2018	-122.7542969
605652.77	5600739.74	56.10716427	54184.31	53710.26	53525.95	54036.8943	-510.9442969	-304.7742969	Varney-2018	-129.3442969
605652.77	5600739.74	56.10716427	54184.35	53716.32	53531.97	54036.8943	-504.9242969	-298.7542969	Varney-2018	-123.3242969
605652.77	5600739.74	56.10716427	54184.39	53714.34	53529.95	54036.8943	-506.9442969	-300.7742969	Varney-2018	-125.3442969
605652.77	5600739.74	56.10716427	54184.41	53711.34	53526.93	54036.8943	-509.9642969	-303.7942969	Varney-2018	-128.3642969
605652.77	5600739.74	56.10716427	54184.43	53712.29	53527.86	54036.8943	-509.0342969	-302.8642969	Varney-2018	-127.4342969
605652.77	5600739.74	56.10716427	54184.43	53721.5	53537.07	54036.8943	-499.8242969	-293.6542969	Varney-2018	-118.2242969
605652.77	5600739.74	56.10716427	54184.44	53709.9	53525.46	54036.8943	-511.4342969	-305.2642969	Varney-2018	-129.8342969
605652.77	5600739.74	56.10716427	54184.42	53711.8	53527.38	54036.8943	-509.5142969	-303.3442969	Varney-2018	-127.9142969
605652.77	5600739.74	56.10716427	54184.39	53718.87	53534.48	54036.8943	-502.4142969	-296.2442969	Varney-2018	-120.8142969
605652.77	5600739.74	56.10716427	54184.36	53709.1	53524.74	54036.8943	-512.1542969	-305.9842969	Varney-2018	-130.5542969
605652.77	5600739.74	56.10716427	54184.33	53709.22	53524.89	54036.8943	-512.0042969	-305.8342969	Varney-2018	-130.4042969
605652.77	5600739.74	56.10716427	54184.34	53710.72	53526.38	54036.8943	-510.5142969	-304.3442969	Varney-2018	-128.9142969
605652.77	5600739.74	56.10716427	54184.35	53706.37	53522.02	54036.8943	-514.8742969	-308.7042969	Varney-2018	-133.2742969
605652.77	5600739.74	56.10716427	54184.39	53707.52	53523.13	54036.8943	-513.7642969	-307.5942969	Varney-2018	-132.1642969
605652.77	5600739.74	56.10716427	54184.44	53702.74	53518.3	54036.8943	-518.5942969	-312.4242969	Varney-2018	-136.9942969
605652.77	5600739.74	56.10716427	54184.45	53701.05	53516.6	54036.8943	-520.2942969	-314.1242969	Varney-2018	-138.6942969
605652.77	5600739.74	56.10716427	54184.46	53699.18	53514.72	54036.8943	-522.1742969	-316.0042969	Varney-2018	-140.5742969
605211.04	5601353.89	133.3108389	54191.42	53821.36	53629.94	54036.42054	-406.4805435	-200.3105435	Varney-2018	-24.8805435
605210.89	5601354.9	133.5540905	54191.45	53824.54	53633.09	54036.41786	-403.3278621	-197.1578621	Varney-2018	-21.72786205
605208.78	5601354.8	133.7236019	54191.49	53828.97	53637.48	54036.40863	-398.9286285	-192.7586285	Varney-2018	-17.32862852
605206.56	5601355.27	134.0313373	54191.53	53826.16	53634.63	54036.3978	-401.7678046	-195.5978046	Varney-2018	-20.16780463
605208.68	5601358.36	134.5365463	54191.58	53829.01	53637.43	54036.40124	-398.9712368	-192.8012368	Varney-2018	-17.37123682
605208.01	5601358.11	134.5397042	54191.63	53829.46	53637.83	54036.39877	-398.5687674	-192.3987674	Varney-2018	-16.96876744
605207.96	5601357.65	134.4405005	54191.66	53831.2	53639.54	54036.39944	-396.8594384	-190.6894384	Varney-2018	-15.25943842
605208.33	5601357.71	134.4210074	54191.7	53832.45	53640.75	54036.40096	-395.6509577	-189.4809577	Varney-2018	-14.05095767
605207.54	5601356.75	134.2754381	54191.71	53830.3	53638.59	54036.39932	-397.8093195	-191.6393195	Varney-2018	-16.20931949
605208.06	5601357.2	134.3301464	54191.72	53832.95	53641.23	54036.40075	-395.1707536	-189.0007536	Varney-2018	-13.57075362

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605207.79	5601357.79	134.4872061	54191.72	53830.9	53639.18	54036.39842	-397.2184158	-191.0484158	Varney-2018	-15.61841581
605208.2	5601358.61	134.6355435	54191.71	53834.19	53642.48	54036.39863	-393.9186347	-187.7486347	Varney-2018	-12.31863475
605206.61	5601358.45	134.7405715	54191.71	53827.55	53635.84	54036.39194	-400.5519373	-194.3819373	Varney-2018	-18.9519373
605205.89	5601357.47	134.5849565	54191.71	53829.61	53637.9	54036.39063	-398.4906286	-192.3206286	Varney-2018	-16.89062858
605205.54	5601357.2	134.5558227	54191.72	53829.95	53638.23	54036.38959	-398.1595922	-191.9895922	Varney-2018	-16.55959215
605205.04	5601356.88	134.5290983	54191.74	53833.77	53642.03	54036.38798	-394.3579818	-188.1879818	Varney-2018	-12.75798183
605204.22	5601358.79	135.0284637	54191.78	53833.11	53641.33	54036.38077	-395.0507657	-188.8807657	Varney-2018	-13.45076565
605205.54	5601358.91	134.9384615	54191.82	53831.31	53639.49	54036.38635	-396.8963485	-190.7263485	Varney-2018	-15.2963485
605205.64	5601360.24	135.2273106	54191.86	53834.31	53642.45	54036.38426	-393.9342634	-187.7642634	Varney-2018	-12.33426335
605206.4	5601360.31	135.1764462	54191.9	53832.27	53640.37	54036.38746	-396.017456	-189.847456	Varney-2018	-14.41745605
605205.76	5601359.67	135.0891727	54191.91	53832.47	53640.56	54036.38587	-395.825872	-189.655872	Varney-2018	-14.22587196
605205.08	5601359.45	135.0998203	54191.92	53832.5	53640.58	54036.3833	-395.8033045	-189.6333045	Varney-2018	-14.20330453
605206.8	5601359.25	134.903374	54191.91	53834.84	53642.93	54036.39124	-393.46124	-187.29124	Varney-2018	-11.86123997
605208.07	5601358.78	134.6853853	54191.9	53835.98	53644.08	54036.39773	-392.3177323	-186.1477323	Varney-2018	-10.71773225
605208.44	5601359.53	134.8218589	54191.9	53832.38	53640.48	54036.3979	-395.917901	-189.747901	Varney-2018	-14.31790103
605209.06	5601359.11	134.6723321	54191.89	53832.27	53640.38	54036.40144	-396.0214444	-189.8514444	Varney-2018	-14.42144437
605209.69	5601358.55	134.4898797	54191.92	53830.74	53638.82	54036.40532	-397.5853162	-191.4153162	Varney-2018	-15.98531622
605210.19	5601360.82	134.9603127	54191.96	53832.02	53640.06	54036.40303	-396.3430322	-190.1730322	Varney-2018	-14.74303218
605210.6	5601361.06	134.9790444	54192.02	53834.68	53642.66	54036.40435	-393.7443466	-187.5743466	Varney-2018	-12.14434657
605212.2	5601362.45	135.1567724	54192.08	53837.26	53645.18	54036.40853	-391.2285317	-185.0585317	Varney-2018	-9.628531726
605210.98	5601362.44	135.2596135	54192.13	53830.37	53638.24	54036.40326	-398.163258	-191.993258	Varney-2018	-16.56325797
605209.9	5601362.8	135.4342427	54192.18	53834.05	53641.87	54036.39786	-394.5278618	-188.3578618	Varney-2018	-12.92786178
605209.71	5601363.02	135.5003916	54192.19	53829.79	53637.6	54036.39661	-398.7966054	-192.6266054	Varney-2018	-17.19660545
605209.74	5601362.63	135.4094901	54192.21	53832.83	53640.62	54036.3975	-395.7775032	-189.6075032	Varney-2018	-14.17750322
605208.98	5601363.6	135.6940927	54192.18	53828.39	53636.21	54036.39231	-400.1823106	-194.0123106	Varney-2018	-18.58231064
605208.29	5601364.18	135.8838446	54192.15	53831.35	53639.2	54036.3882	-397.1882027	-191.0182027	Varney-2018	-15.58820274
605207.61	5601364.76	136.0722322	54192.12	53831.87	53639.75	54036.38415	-396.6341516	-190.4641516	Varney-2018	-15.03415156
605206.93	5601365.33	136.2578631	54192.08	53832.49	53640.41	54036.38013	-395.9701331	-189.8001331	Varney-2018	-14.37013313
605206.25	5601365.91	136.4452349	54192.07	53821.47	53629.4	54036.37611	-406.9761089	-200.8061089	Varney-2018	-25.37610891
605207.72	5601365.13	136.1462339	54192.06	53824.21	53632.15	54036.38391	-404.2339088	-198.0639088	Varney-2018	-22.63390881
605207.72	5601366.68	136.4952554	54192.06	53828.26	53636.2	54036.38091	-400.1809107	-194.0109107	Varney-2018	-18.58091065
605206.07	5601366.77	136.6530738	54192.06	53831.01	53638.95	54036.3737	-397.4236994	-191.2536994	Varney-2018	-15.82369941
605206.75	5601366.43	136.5200391	54192.08	53837.97	53645.89	54036.37725	-390.4872516	-184.3172516	Varney-2018	-8.887251577
605206.35	5601366.66	136.6050597	54192.1	53836.49	53644.39	54036.3751	-391.9851038	-185.8151038	Varney-2018	-10.38510379
605205.05	5601366.39	136.6531958	54192.1	53833.2	53641.1	54036.37007	-395.2700668	-189.1000668	Varney-2018	-13.6700668
605204.4	5601366.37	136.7030824	54192.11	53831.98	53639.87	54036.36733	-396.4973279	-190.3273279	Varney-2018	-14.89732789
605204.67	5601366.96	136.8121936	54192.1	53836.12	53644.02	54036.36737	-392.3473709	-186.1773709	Varney-2018	-10.74737092
605204.35	5601367.1	136.8700505	54192.09	53838.47	53646.38	54036.36574	-389.9857445	-183.8157445	Varney-2018	-8.385744479
605204.7	5601368.11	137.0664018	54192.08	53844.63	53652.55	54036.36533	-383.8153339	-177.6453339	Varney-2018	-2.215333924
605204.24	5601368.08	137.0976634	54192.07	53848.23	53656.16	54036.36344	-380.2034389	-174.0334389	Varney-2018	1.396561136
605204.09	5601367.12	136.8961266	54192.07	53844.87	53652.8	54036.3646	-383.5645996	-177.3945996	Varney-2018	-1.964599626
605205.7	5601366.6	136.6458612	54192.06	53848.16	53656.1	54036.37244	-380.2724443	-174.1024443	Varney-2018	1.327555676
605205.67	5601368.47	137.0669639	54192.1	53850.45	53658.35	54036.36876	-378.0187649	-171.8487649	Varney-2018	3.58123507
605205.43	5601368.38	137.0665752	54192.14	53853.79	53661.65	54036.36792	-374.7179189	-168.5479189	Varney-2018	6.882081105
605204.1	5601368.57	137.2184047	54192.14	53869.49	53677.35	54036.36193	-359.0119275	-152.8419275	Varney-2018	22.58807245
605204.31	5601370.41	137.6114071	54192.15	53875.93	53683.78	54036.35937	-352.5793652	-146.4093652	Varney-2018	29.02063475
605203.1	5601369.03	137.4028121	54192.15	53876.23	53684.08	54036.35684	-352.2768402	-146.1068402	Varney-2018	29.32315982
605203.65	5601370.06	137.5869844	54192.15	53890.36	53698.21	54036.35724	-338.1472442	-131.9772442	Varney-2018	43.45275583
605203.01	5601372.04	138.0787924	54192.11	53898.78	53706.67	54036.35088	-329.6808808	-123.5108808	Varney-2018	51.91911917
605202.14	5601374.61	138.7177813	54192.06	53920.05	53727.99	54036.34252	-308.3525239	-102.1825239	Varney-2018	73.2474761
605201.71	5601374.67	138.7647255	54192.06	53916.46	53724.4	54036.34064	-311.9406379	-105.7706379	Varney-2018	69.65936205
605200.54	5601372.54	138.3865525	54192.06	53918.27	53726.21	54036.33966	-310.1296642	-103.9596642	Varney-2018	71.47033578
605198.84	5601371.27	138.2432506	54192.11	53930.66	53738.55	54036.33485	-297.7848452	-91.61484519	Varney-2018	83.81515481
605198.59	5601371.87	138.3949269	54192.16	53930.49	53738.33	54036.33273	-298.0027317	-91.83273167	Varney-2018	83.59726833
605196.78	5601371.1	138.371911	54192.23	53934.13	53741.9	54036.32652	-294.4265154	-88.25651538	Varney-2018	87.17348462
605195.84	5601371.63	138.5629132	54192.31	53933.66	53741.35	54036.32166	-294.971659	-88.80165902	Varney-2018	86.62834098
605195.68	5601374.06	139.1040039	54192.35	53923.23	53730.88	54036.31679	-305.4367916	-99.26679163	Varney-2018	76.16320837
605195.57	5601373.67	139.0279016	54192.39	53930.33	53737.94	54036.31701	-298.3770093	-92.20700931	Varney-2018	83.22299069
605196.4	5601374.14	139.0648037	54192.42	53925.19	53732.77	54036.31963	-303.5496331	-97.37963312	Varney-2018	78.05036688
605197.42	5601373.38	138.8185619	54192.45	53924.51	53732.06	54036.32519	-304.2651901	-98.09519013	Varney-2018	77.33480987
605197.13	5601375.22	139.2432192	54192.45	53918.03	53725.58	54036.32076	-310.7407614	-104.5707614	Varney-2018	70.85923859
605195.28	5601377.51	139.8845638	54192.46	53910.91	53718.45	54036.3092	-317.8591987	-111.6891987	Varney-2018	63.74080127
605193.6	5601377.4	139.9891841	54192.44	53903.57	53711.13	54036.30253	-325.1725293	-119.0025293	Varney-2018	56.42747067
605193.66	5601378.95	140.3195228	54192.42	53907.43	53715.01	54036.30015	-321.29015	-115.12015	Varney-2018	60.30984996

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605195.02	5601380.25	140.4989092	54192.42	53896.17	53703.75	54036.30343	-332.5534348	-126.3834348	Varney-2018	49.04656519
605194.53	5601380.58	140.6069796	54192.41	53890.26	53697.85	54036.30089	-338.4508947	-132.2808947	Varney-2018	43.14910531
605193.36	5601381.3	140.8495076	54192.48	53895.5	53703.02	54036.29497	-333.2749666	-127.1049666	Varney-2018	48.32503336
605191.79	5601380.42	140.77655	54192.55	53883.62	53691.07	54036.29012	-345.2201238	-139.0501238	Varney-2018	36.37987624
605192.72	5601381.81	141.0067398	54192.64	53880.92	53688.28	54036.29154	-348.0115414	-141.8415414	Varney-2018	33.5884586
605190.79	5601384.96	141.8236768	54192.74	53881.33	53688.59	54036.27863	-347.6886301	-141.5186301	Varney-2018	33.91136994
605191.27	5601386.34	142.0853691	54192.83	53880.76	53687.93	54036.27825	-348.3482476	-142.1782476	Varney-2018	33.25175244
605189.47	5601386.95	142.3428036	54192.93	53890.24	53697.31	54036.27019	-338.9601862	-132.7901862	Varney-2018	42.63981384
605188.81	5601387.52	142.5105908	54192.98	53895.43	53702.45	54036.26668	-333.8166822	-127.6466822	Varney-2018	47.78331779
605187.95	5601388.18	142.710922	54193.04	53902.25	53709.21	54036.26227	-327.0522678	-120.8822678	Varney-2018	54.54773222
605186.4	5601389.49	143.0955951	54193.03	53917.13	53724.1	54036.25417	-312.1541718	-105.9841718	Varney-2018	69.44582823
605187.12	5601389.92	143.1372479	54193.02	53913.99	53720.97	54036.25628	-315.2862821	-109.1162821	Varney-2018	66.31371792
605186.41	5601391.68	143.5578615	54193	53911.47	53718.47	54036.25078	-317.7807751	-111.6107751	Varney-2018	63.8192249
605186.38	5601394.91	144.2426195	54192.98	53911.9	53718.92	54036.24559	-317.3255948	-111.1555948	Varney-2018	64.27440523
605185.72	5601397.38	144.8066712	54192.95	53921.64	53728.69	54036.23925	-307.5492531	-101.3792531	Varney-2018	74.05074686
605187.85	5601397.13	144.618186	54192.92	53921.07	53728.15	54036.24762	-308.0976171	-101.9276171	Varney-2018	73.50238289
605186.48	5601398.99	145.0987755	54192.92	53917.38	53724.46	54036.23957	-311.7795678	-105.6095678	Varney-2018	69.82043221
605186.01	5601399.91	145.3224086	54192.92	53908.44	53715.52	54036.23639	-320.7163862	-114.5463862	Varney-2018	60.88361378
605185.96	5601399.57	145.2537303	54192.95	53907.07	53714.12	54036.23673	-322.1167321	-115.9467321	Varney-2018	59.48326787
605185.6	5601399.86	145.337258	54192.98	53908.34	53715.36	54036.23495	-320.8749485	-114.7049485	Varney-2018	60.72505153
605184.01	5601395.21	144.4600185	54193.09	53906.97	53713.88	54036.23617	-322.3561729	-116.1861729	Varney-2018	59.24382708
605184.76	5601395.12	144.3923592	54193.2	53907.34	53714.14	54036.23914	-322.0991443	-115.9291443	Varney-2018	59.50085572
605182.97	5601393.91	144.2556704	54193.3	53911.49	53718.19	54036.23421	-318.0442074	-111.8742074	Varney-2018	63.55579255
605178.94	5601392.82	144.2957465	54193.4	53915.48	53722.08	54036.22047	-314.1404666	-107.9704666	Varney-2018	67.45953345
605179.96	5601394.43	144.5615263	54193.44	53914.37	53720.93	54036.22201	-315.2920135	-109.1220135	Varney-2018	66.30798652
605177.82	5601393.58	144.5266853	54193.48	53907.88	53714.4	54036.21511	-321.8151102	-115.6451102	Varney-2018	59.78488976
605176.57	5601392.79	144.4472453	54193.43	53915.35	53721.92	54036.21146	-314.2914599	-108.1214599	Varney-2018	67.30854005
605176.72	5601392.52	144.3818801	54193.37	53916.11	53722.74	54036.21241	-313.4724114	-107.3024114	Varney-2018	68.12758863
605177.18	5601393.58	144.5689428	54193.31	53917.63	53724.32	54036.21268	-311.8926751	-105.7226751	Varney-2018	69.70732492
605177.6	5601394.1	144.6481736	54193.24	53916.28	53723.04	54036.21354	-313.173536	-107.003536	Varney-2018	68.42646396
605176.84	5601394.4	144.7596604	54193.21	53915.51	53722.3	54036.21023	-313.9102297	-107.7402297	Varney-2018	67.68977028
605176.62	5601394.66	144.8273862	54193.17	53923.48	53730.31	54036.20903	-305.8990315	-99.72903155	Varney-2018	75.70096845
605175.65	5601395.91	145.1462999	54193.13	53918.72	53725.59	54036.20363	-310.6136287	-104.4436287	Varney-2018	70.98637135
605175.13	5601396.35	145.2696543	54193.08	53918.06	53724.98	54036.20107	-311.2210658	-105.0510658	Varney-2018	70.37893419
605174.93	5601396.56	145.3253352	54193.04	53916	53722.96	54036.20003	-313.2400263	-107.0700263	Varney-2018	68.35997373
605175.07	5601397.2	145.44696	54192.99	53923.54	53730.55	54036.19967	-305.6496724	-99.47967237	Varney-2018	75.95032763
605175.75	5601397.59	145.4834084	54192.96	53922.93	53729.97	54036.20168	-306.231677	-100.061677	Varney-2018	75.36832297
605176.26	5601396.53	145.233937	54192.92	53923.22	53730.3	54036.20506	-305.9050607	-99.73506067	Varney-2018	75.69493933
605175.9	5601396.1	145.1690432	54192.91	53921.99	53729.08	54036.20431	-307.1243061	-100.9543061	Varney-2018	74.47569389
605176.46	5601396.93	145.3030969	54192.9	53921.2	53728.3	54036.20525	-307.9052523	-101.7352523	Varney-2018	73.69474766
605176.44	5601395.23	144.9559649	54192.9	53917.49	53724.59	54036.20755	-311.6175534	-105.4475534	Varney-2018	69.98244665
605174.2	5601395.7	145.1971201	54192.9	53919.52	53726.62	54036.19845	-309.5784549	-103.4084549	Varney-2018	72.0215451
605173.91	5601397.72	145.6265576	54192.92	53921.87	53728.95	54036.19463	-307.2446265	-101.0746265	Varney-2018	74.3553735
605174.21	5601398.75	145.8171621	54192.94	53923.75	53730.81	54036.19435	-305.3843465	-99.21434653	Varney-2018	76.21565347
605174.73	5601399.07	145.8497955	54193.03	53927.5	53734.47	54036.19584	-301.7258411	-95.55584112	Varney-2018	79.87415888
605173.67	5601399.42	145.9871255	54193.13	53922.6	53729.47	54036.19144	-306.7214352	-100.5514352	Varney-2018	74.8785648
605172.78	5601399.78	146.1154573	54193.24	53925.2	53731.96	54036.18766	-304.2276575	-98.05765745	Varney-2018	77.37234255
605172.3	5601401.47	146.4870609	54193.36	53921.41	53728.05	54036.18364	-308.1336402	-101.9636402	Varney-2018	73.4663598
605172.89	5601402.24	146.6071563	54193.45	53923.21	53729.76	54036.18478	-306.424776	-100.254776	Varney-2018	75.17522403
605172.22	5601402.21	146.6415759	54193.55	53924.56	53731.01	54036.18237	-305.172366	-99.00236597	Varney-2018	76.42763403
605171.94	5601401.43	146.5009124	54193.56	53926.09	53732.53	54036.18237	-303.652372	-97.48237198	Varney-2018	77.94762802
605171.35	5601399.77	146.2021263	54193.57	53929.67	53736.1	54036.18238	-300.0823816	-93.91238162	Varney-2018	81.51761838
605171.39	5601400.07	146.2601495	54193.5	53928.76	53735.26	54036.18214	-300.9221363	-94.75213628	Varney-2018	80.67786372
605171.41	5601399.92	146.2286589	54193.42	53929.07	53735.65	54036.18241	-300.5324068	-94.36240685	Varney-2018	81.06759315
605172.23	5601401.01	146.3983026	54193.32	53925.94	53732.62	54036.18399	-303.563993	-97.39399301	Varney-2018	78.03600699
605171.73	5601401.1	146.4470849	54193.22	53926.58	53733.36	54036.18204	-302.8220358	-96.65203578	Varney-2018	78.77796422
605171.79	5601402.02	146.6291993	54193.17	53928.47	53735.3	54036.18104	-300.8810439	-94.71104391	Varney-2018	80.71895609
605171	5601402.68	146.8099919	54193.12	53931.83	53738.71	54036.17729	-297.4672916	-91.29729159	Varney-2018	84.13270841
605170.55	5601402.61	146.8229764	54193.14	53931.08	53737.94	54036.17574	-298.2357404	-92.06574039	Varney-2018	83.36425961
605171.07	5601404.4	147.152317	54193.17	53937.62	53744.45	54036.1753	-291.7253016	-85.55530155	Varney-2018	89.87469845
605171.34	5601404.64	147.1847745	54193.23	53927.78	53734.55	54036.17596	-301.6259643	-95.45596433	Varney-2018	79.97403567
605171	5601405.56	147.3901062	54193.3	53925.74	53732.44	54036.17354	-303.7335352	-97.56353522	Varney-2018	77.86646478
605170.14	5601406.7	147.6692215	54193.38	53929.34	53735.96	54036.16897	-300.2089697	-94.03896967	Varney-2018	81.39103033
605169.49	5601407.97	147.9611985	54193.47	53927.61	53734.14	54036.16502	-302.0250192	-95.85501924	Varney-2018	79.57498076

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605170.15	5601410.52	148.4360035	54193.53	53949.76	53756.23	54036.16408	-279.9340787	-73.76407875	Varney-2018	101.6659213
605169.39	5601409.4	148.2534246	54193.59	53950.94	53757.35	54036.16284	-278.8128378	-72.64283778	Varney-2018	102.7871622
605169.35	5601410.12	148.3999167	54193.61	53949.61	53756	54036.16178	-280.1617777	-73.99177773	Varney-2018	101.4382223
605169.44	5601409.92	148.354853	54193.63	53946.67	53753.04	54036.16235	-283.1223501	-76.95235014	Varney-2018	98.47764986
605168.42	5601408.99	148.2256457	54193.63	53948.54	53754.91	54036.15993	-281.2499269	-75.07992691	Varney-2018	100.3500731
605168.21	5601410.94	148.6266861	54193.62	53948.18	53754.56	54036.15673	-281.5967334	-75.42673336	Varney-2018	100.0032666
605167.44	5601413.69	149.2164801	54193.62	53949.94	53756.32	54036.15061	-279.830614	-73.66061405	Varney-2018	101.769386
605168.15	5601415.59	149.5580467	54193.61	53949.31	53755.7	54036.15069	-280.4506853	-74.28068528	Varney-2018	101.1493147
605167.63	5601415.47	149.5610695	54193.65	53954.22	53760.57	54036.14905	-275.5790527	-69.40905267	Varney-2018	106.0209473
605166.88	5601415.57	149.6198493	54193.7	53956.57	53762.87	54036.14636	-273.2763573	-67.1063573	Varney-2018	108.3236427
605166.36	5601415.83	149.69838	54193.75	53964.76	53771.01	54036.14426	-265.1342565	-58.96425652	Varney-2018	116.4657435
605166.02	5601417.66	150.0786578	54193.81	53974.6	53780.79	54036.14086	-255.3508621	-49.18086211	Varney-2018	126.2491379
605165.66	5601417.51	150.0671253	54193.85	53974.99	53781.14	54036.13982	-254.999823	-48.82982298	Varney-2018	126.600177
605165.38	5601417.92	150.1623754	54193.89	53981.97	53788.08	54036.13838	-248.0583773	-41.88837733	Varney-2018	133.5416227
605164.36	5601418.14	150.2570376	54193.88	53975.69	53781.81	54036.13466	-254.3246604	-48.1546604	Varney-2018	127.2753396
605163.55	5601418.27	150.3232141	54193.87	53966.73	53772.86	54036.13177	-263.2717668	-57.1017668	Varney-2018	118.3282332
605162.29	5601419.5	150.6271192	54193.86	53970.5	53776.64	54036.12609	-259.4860859	-53.31608587	Varney-2018	122.1139141
605160.77	5601418.24	150.4565378	54193.84	53966.1	53772.26	54036.1224	-263.8624007	-57.69240065	Varney-2018	117.7375993
605161.23	5601420.83	150.9402411	54193.81	53959.78	53765.97	54036.12098	-270.150975	-63.98097502	Varney-2018	111.449025
605162.82	5601423.24	151.3409367	54193.77	53959.4	53765.63	54036.12334	-270.4933445	-64.32334454	Varney-2018	111.1066555
605162.87	5601423.6	151.4099546	54193.74	53957.1	53763.36	54036.12307	-272.7630704	-66.5930704	Varney-2018	108.8369296
605163.05	5601423.38	151.3580515	54193.7	53957.17	53763.47	54036.12393	-272.6539283	-66.48392825	Varney-2018	108.9460717
605164.2	5601425.26	151.6795142	54193.69	53954.35	53760.66	54036.12536	-275.4653554	-69.29535541	Varney-2018	106.1346446
605161.79	5601427.55	152.238807	54193.67	53952.89	53759.22	54036.11482	-276.8948198	-70.72481985	Varney-2018	104.7051802
605161.24	5601427.47	152.2465786	54193.69	53953.36	53759.67	54036.11316	-276.4431613	-70.27316125	Varney-2018	105.1568387
605161.7	5601426.69	152.0730742	54193.71	53953.85	53760.14	54036.11556	-275.9755579	-69.80555791	Varney-2018	105.6244421
605162.37	5601427.03	152.1111852	54193.74	53950.31	53756.57	54036.1173	-279.5472959	-73.37729592	Varney-2018	102.0527041
605160.51	5601428.5	152.4799378	54193.77	53948.8	53755.03	54036.10963	-281.0796322	-74.90963218	Varney-2018	100.5203678
605159.35	5601429.97	152.8156686	54193.81	53957.51	53763.7	54036.10428	-272.4042817	-66.23428173	Varney-2018	109.1957183
605155.39	5601424.05	151.8403889	54193.85	53951.93	53758.08	54036.09811	-278.018111	-71.84811096	Varney-2018	103.581889
605151.88	5601423.21	151.8416495	54193.86	53949.44	53755.58	54036.08748	-280.5074776	-74.33747755	Varney-2018	101.0925224
605148.82	5601420.96	151.512311	54193.87	53953.35	53759.48	54036.08084	-276.6008431	-70.43084308	Varney-2018	104.9991569
605157.31	5601427.36	152.3935767	54193.88	53961.26	53767.38	54036.10075	-268.720748	-62.55074805	Varney-2018	112.879252
605156.32	5601426.44	152.2587027	54193.89	53955.84	53761.95	54036.09858	-274.1485772	-67.97857718	Varney-2018	107.4514228
605155.46	5601425.97	152.2059803	54193.88	53958.31	53764.43	54036.09631	-271.6663116	-65.49631156	Varney-2018	109.9336884
605155	5601425.16	152.070968	54193.87	53952.61	53758.74	54036.09568	-277.3556769	-71.18567691	Varney-2018	104.2443231
605154.23	5601424.34	151.9487226	54193.87	53950.93	53757.06	54036.09403	-279.0340267	-72.86402665	Varney-2018	102.5659733
605153.97	5601423.42	151.7849365	54193.87	53951.69	53757.82	54036.09412	-278.2741216	-72.10412164	Varney-2018	103.3258784
605153.08	5601421.99	151.5541211	54193.87	53951.2	53757.33	54036.09264	-278.7626412	-72.5926412	Varney-2018	102.8373588
605153.09	5601421.15	151.3939352	54193.86	53944.6	53750.74	54036.09352	-285.3535182	-79.18351819	Varney-2018	96.24648181
605150.92	5601420.73	151.4189848	54193.87	53949.01	53755.14	54036.0867	-280.9467016	-74.77670155	Varney-2018	100.6532984
605148.64	5601420.61	151.4504805	54193.89	53947.99	53754.1	54036.0807	-281.9807	-75.81070001	Varney-2018	99.61929999
605146.37	5601420.49	151.4759549	54193.89	53946.56	53752.67	54036.07488	-283.4048788	-77.23487875	Varney-2018	98.19512125
605152.48	5601419.41	151.0933588	54193.89	53956.8	53762.91	54036.09321	-273.1832111	-67.01321111	Varney-2018	108.4167889
605152.4	5601421.55	151.5028826	54193.9	53948.92	53755.02	54036.09083	-281.070827	-74.90082695	Varney-2018	100.529173
605153.28	5601420.68	151.2953791	54193.91	53948.02	53754.11	54036.09462	-281.9846244	-75.81462438	Varney-2018	99.61537562
605155.32	5601428.72	152.74004	54193.92	53948.29	53754.37	54036.09296	-281.7229644	-75.55296439	Varney-2018	99.87703561
605158.67	5601435.8	153.978526	54193.94	53951.74	53757.8	54036.09559	-278.2955857	-72.12558568	Varney-2018	103.3044143
605158.17	5601436	154.0353847	54193.94	53945.97	53752.03	54036.09386	-284.0638585	-77.89385855	Varney-2018	97.53614145
605157.37	5601435.9	154.0446889	54193.93	53952.11	53758.18	54036.09157	-277.9115652	-71.74156522	Varney-2018	103.6884348
605158.39	5601435.22	153.8758098	54193.92	53950.92	53757	54036.09539	-279.0953929	-72.9253929	Varney-2018	102.5046071
605159.01	5601435.46	153.8999918	54193.9	53948.38	53754.48	54036.09699	-281.6169938	-75.44699381	Varney-2018	99.98300619
605159.51	5601435.96	153.9795495	54193.9	53951.99	53758.09	54036.09793	-278.0079295	-71.83792951	Varney-2018	103.5920705
605159.76	5601436.57	154.0898972	54193.9	53950.02	53756.12	54036.09798	-279.9779794	-73.80797941	Varney-2018	101.6220206
605158.76	5601437.1	154.2284984	54193.92	53951.66	53757.74	54036.09439	-278.3543901	-72.18439013	Varney-2018	103.2456099
605158.35	5601437.64	154.3478207	54193.94	53951.5	53757.56	54036.09256	-278.5325641	-72.36256408	Varney-2018	103.0674359
605154.1	5601435.44	154.0742961	54193.95	53951.17	53757.22	54036.08221	-278.8622077	-72.69220769	Varney-2018	102.7377923
605153.37	5601434.3	153.8837763	54193.96	53949.91	53755.95	54036.08116	-280.1311582	-73.96115825	Varney-2018	101.4688418
605152.99	5601434.56	153.9473365	54193.99	53949.64	53755.65	54036.07974	-280.4297421	-74.25974208	Varney-2018	101.1702579
605152.99	5601434.56	153.9473365	54194.02	53953.05	53759.03	54036.07974	-277.0497421	-70.87974208	Varney-2018	104.5502579
605152.99	5601434.56	153.9473365	54194.04	53950.99	53756.95	54036.07974	-279.1297421	-72.95974208	Varney-2018	102.4702579
605152.99	5601434.56	153.9473365	54194.06	53957.56	53763.5	54036.07974	-272.5797421	-66.40974208	Varney-2018	109.0202579
605152.99	5601434.56	153.9473365	54194.06	53952.73	53758.67	54036.07974	-277.4097421	-71.23974208	Varney-2018	104.1902579
605152.99	5601434.56	153.9473365	54194.07	53951.86	53757.79	54036.07974	-278.2897421	-72.11974208	Varney-2018	103.3102579

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605152.99	5601434.56	153.9473365	54194.08	53951.97	53757.89	54036.07974	-278.1897421	-72.01974208	Varney-2018	103.4102579
605152.99	5601434.56	153.9473365	54194.1	53958.78	53764.68	54036.07974	-271.3997421	-65.22974208	Varney-2018	110.2002579
605152.99	5601434.56	153.9473365	54194.11	53953.29	53759.18	54036.07974	-276.8997421	-70.72974208	Varney-2018	104.7002579
605152.99	5601434.56	153.9473365	54194.12	53958.14	53764.02	54036.07974	-272.0597421	-65.88974208	Varney-2018	109.5402579
605152.99	5601434.56	153.9473365	54194.12	53954.21	53760.09	54036.07974	-275.9897421	-69.81974208	Varney-2018	105.6102579
605152.99	5601434.56	153.9473365	54194.11	53955.93	53761.82	54036.07974	-274.2597421	-68.08974208	Varney-2018	107.3402579
605152.99	5601434.56	153.9473365	54194.08	53954.92	53760.84	54036.07974	-275.2397421	-69.06974208	Varney-2018	106.3602579
605152.99	5601434.56	153.9473365	54194.04	53952.54	53758.5	54036.07974	-277.5797421	-71.40974208	Varney-2018	104.0202579
605152.99	5601434.56	153.9473365	54194.03	53944.63	53750.6	54036.07974	-285.4797421	-79.30974208	Varney-2018	96.12025792
605152.99	5601434.56	153.9473365	54194.02	53953.35	53759.33	54036.07974	-276.7497421	-70.57974208	Varney-2018	104.8502579
605152.99	5601434.56	153.9473365	54194.02	53951.46	53757.44	54036.07974	-278.6397421	-72.46974208	Varney-2018	102.9602579
605152.99	5601434.56	153.9473365	54194.03	53958.27	53764.24	54036.07974	-271.8397421	-65.66974208	Varney-2018	109.7602579
605152.99	5601434.56	153.9473365	54194.03	53985.95	53791.92	54036.07974	-244.1597421	-37.98974208	Varney-2018	137.4402579
605152.99	5601434.56	153.9473365	54194.02	54001.58	53807.56	54036.07974	-228.5197421	-22.34974208	Varney-2018	153.0802579
605152.99	5601434.56	153.9473365	54194.02	54014.05	53820.03	54036.07974	-216.0497421	-9.879742084	Varney-2018	165.5502579
605152.99	5601434.56	153.9473365	54194.02	54015.35	53821.33	54036.07974	-214.7497421	-8.579742084	Varney-2018	166.8502579
605152.99	5601434.56	153.9473365	54194	54031.29	53837.29	54036.07974	-198.7897421	7.380257916	Varney-2018	182.8102579
605152.99	5601434.56	153.9473365	54193.97	54040.31	53846.34	54036.07974	-189.7397421	16.43025792	Varney-2018	191.8602579
605152.99	5601434.56	153.9473365	54193.94	54044.72	53850.78	54036.07974	-185.2997421	20.87025792	Varney-2018	196.3002579
605152.99	5601434.56	153.9473365	54193.91	54042.11	53848.2	54036.07974	-187.8797421	18.29025792	Varney-2018	193.7202579
605152.99	5601434.56	153.9473365	54193.89	54042.39	53848.5	54036.07974	-187.5797421	18.59025792	Varney-2018	194.0202579
605152.99	5601434.56	153.9473365	54193.87	54034.83	53840.96	54036.07974	-195.1197421	11.05025792	Varney-2018	186.4802579
605152.99	5601434.56	153.9473365	54193.87	54034.96	53841.09	54036.07974	-194.9897421	11.18025792	Varney-2018	186.6102579
605152.99	5601434.56	153.9473365	54193.88	54035.27	53841.39	54036.07974	-194.6897421	11.48025792	Varney-2018	186.9102579
605152.99	5601434.56	153.9473365	54193.89	54035.91	53842.02	54036.07974	-194.0597421	12.11025792	Varney-2018	187.5402579
605152.99	5601434.56	153.9473365	54193.91	54037.15	53843.24	54036.07974	-192.8397421	13.33025792	Varney-2018	188.7602579
605152.99	5601434.56	153.9473365	54193.9	54040.43	53846.53	54036.07974	-189.5497421	16.62025792	Varney-2018	192.0502579
605152.99	5601434.56	153.9473365	54193.89	54039.28	53845.39	54036.07974	-190.6897421	15.48025792	Varney-2018	190.9102579
605152.99	5601434.56	153.9473365	54193.88	54031.54	53837.66	54036.07974	-198.4197421	7.750257916	Varney-2018	183.1802579
605152.99	5601434.56	153.9473365	54193.86	54030.53	53836.67	54036.07974	-199.4097421	6.760257916	Varney-2018	182.1902579
605152.99	5601434.56	153.9473365	54193.84	54022.74	53828.9	54036.07974	-207.1797421	-1.009742084	Varney-2018	174.4202579
605152.99	5601434.56	153.9473365	54193.82	54027.26	53833.44	54036.07974	-202.6397421	3.530257916	Varney-2018	178.9602579
605152.99	5601434.56	153.9473365	54193.81	54022.49	53828.68	54036.07974	-207.3997421	-1.229742084	Varney-2018	174.2002579
605152.99	5601434.56	153.9473365	54193.79	54023.9	53830.11	54036.07974	-205.9697421	0.200257916	Varney-2018	175.6302579
605152.99	5601434.56	153.9473365	54193.79	54022.74	53828.95	54036.07974	-207.1297421	-0.959742084	Varney-2018	174.4702579
605152.99	5601434.56	153.9473365	54193.79	54021.39	53827.6	54036.07974	-208.4797421	-2.309742084	Varney-2018	173.1202579
605152.99	5601434.56	153.9473365	54193.8	54024.77	53830.97	54036.07974	-205.1097421	1.060257916	Varney-2018	176.4902579
605152.99	5601434.56	153.9473365	54193.82	54024.78	53830.96	54036.07974	-205.1197421	1.050257916	Varney-2018	176.4802579
605152.99	5601434.56	153.9473365	54193.83	54035.33	53841.5	54036.07974	-194.5797421	11.59025792	Varney-2018	187.0202579
605152.99	5601434.56	153.9473365	54193.84	54006.03	53812.19	54036.07974	-223.8897421	-17.71974208	Varney-2018	157.7102579
605122.97	5601461.53	159.2860254	54194.16	53971.95	53777.79	54035.98542	-258.1954189	-52.02541891	Varney-2018	123.4045811
605121.53	5601461.04	159.2082179	54194.18	53970.21	53776.03	54035.98255	-259.9525472	-53.78254724	Varney-2018	121.6474528
605120.97	5601461.15	159.2314564	54194.18	53970.28	53776.1	54035.98123	-259.8812253	-53.71122532	Varney-2018	121.7187747
605128.4	5601470.64	160.892618	54194.19	53967.02	53772.83	54035.99074	-263.1607448	-56.99074483	Varney-2018	118.4392552
605126.43	5601468.78	160.5650423	54194.19	53969.85	53775.66	54035.98788	-260.3278772	-54.15787721	Varney-2018	121.2721228
605125.13	5601468.23	160.4715873	54194.2	53974.33	53780.13	54035.98547	-255.8554658	-49.68546577	Varney-2018	125.7445342
605124.83	5601468.55	160.5300573	54194.19	53972.38	53778.19	54035.98459	-257.7945913	-51.62459128	Varney-2018	123.8054087
605125.27	5601469.71	160.7360562	54194.18	53971.89	53777.71	54035.98472	-258.2747154	-52.10471538	Varney-2018	123.3252846
605124.46	5601468.06	160.4439074	54194.19	53971.18	53776.99	54035.98414	-258.9941378	-52.8241378	Varney-2018	122.6058622
605124.61	5601467.65	160.3699653	54194.21	53976.26	53782.05	54035.98475	-253.9347512	-47.76475123	Varney-2018	127.6652488
605123.29	5601466.81	160.2257558	54194.22	53975.92	53781.7	54035.98247	-254.2824738	-48.11247376	Varney-2018	127.3175262
605121.76	5601467.29	160.318086	54194.23	53981.03	53786.8	54035.97882	-249.1788219	-43.00882195	Varney-2018	132.4211781
605121.39	5601468	160.4458694	54194.23	53986.95	53792.72	54035.97754	-243.2575403	-37.08754028	Varney-2018	138.3424597
605119.84	5601467.57	160.3761077	54194.22	53997.75	53803.53	54035.97447	-232.4444717	-26.2744717	Varney-2018	149.1555283
605119.43	5601467.09	160.2929107	54194.24	54005.34	53811.1	54035.9739	-224.8738981	-18.70389815	Varney-2018	156.7261019
605118.63	5601466.68	160.2240297	54194.26	54001.11	53806.85	54035.97243	-229.1224268	-22.95242684	Varney-2018	152.4775732
605119.17	5601466.1	160.118943	54194.27	54004.27	53810	54035.97398	-225.9739805	-19.80398053	Varney-2018	155.6260195
605119.09	5601470.15	160.835641	54194.28	54003.9	53809.62	54035.97116	-226.3511625	-20.1811625	Varney-2018	155.2488375
605118.55	5601469.55	160.7314531	54194.28	53998.48	53804.2	54035.97039	-231.7703942	-25.60039418	Varney-2018	149.8296058
605117.42	5601469.45	160.7178702	54194.29	53995.41	53801.12	54035.96803	-234.8480306	-28.67803055	Varney-2018	146.7519694
605117.08	5601468.09	160.4795375	54194.29	53995.49	53801.2	54035.96816	-234.7681616	-28.59816165	Varney-2018	146.8318384
605116.87	5601468.11	160.4839202	54194.3	53994.25	53799.95	54035.9677	-236.017695	-29.84769501	Varney-2018	145.582305
605116.98	5601468.53	160.5574371	54194.31	53993.18	53798.87	54035.96767	-237.0976671	-30.92766707	Varney-2018	144.5023329
605116.51	5601468.8	160.6067956	54194.32	53994.17	53799.85	54035.96648	-236.1164833	-29.9464833	Varney-2018	145.4835167

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605116.87	5601468.64	160.5772389	54194.32	53989.94	53795.62	54035.96736	-240.3473602	-34.17736023	Varney-2018	141.2526398
605117.22	5601469.38	160.7062592	54194.32	53982.21	53787.89	54035.96765	-248.0776452	-41.90764519	Varney-2018	133.5223548
605116.47	5601469.68	160.7617679	54194.32	53986.11	53791.79	54035.96584	-244.1758446	-38.00584457	Varney-2018	137.4241554
605116.37	5601470.26	160.8641398	54194.32	53980.43	53786.11	54035.96527	-249.8552663	-43.68526628	Varney-2018	131.7447337
605116.66	5601474.42	161.5953274	54194.32	53979.49	53785.17	54035.96327	-250.7932678	-44.62326783	Varney-2018	130.8067322
605117.04	5601476.28	161.9222387	54194.33	53983.54	53789.21	54035.96289	-246.7528886	-40.58288862	Varney-2018	134.8471114
605117.87	5601480.68	162.6975628	54194.33	53988.51	53794.18	54035.9618	-241.7817973	-35.61179734	Varney-2018	139.8182027
605115.07	5601481.57	162.8525659	54194.32	53981.47	53787.15	54035.95553	-248.8055316	-42.63553158	Varney-2018	132.7944684
605114.94	5601476.04	161.882606	54194.33	53990.16	53795.83	54035.95866	-240.128659	-33.95865903	Varney-2018	141.471341
605114.6	5601476.16	161.9040647	54194.34	53987.96	53793.62	54035.95788	-242.3378764	-36.16787641	Varney-2018	139.2621236
605115.65	5601475.61	161.8061899	54194.34	53984.79	53790.45	54035.96041	-245.5104071	-39.34040706	Varney-2018	136.0895929
605116.22	5601475.66	161.8141778	54194.35	53980.82	53786.47	54035.96157	-249.4915674	-43.3215674	Varney-2018	132.1084326
605115.85	5601475.78	161.8357781	54194.34	54320.94	54126.6	54035.96072	90.63928057	296.8092806	Varney-2018	472.2392806
605115.91	5601477.21	162.0869906	54194.33	53979.89	53785.56	54035.95995	-250.3999545	-44.2299545	Varney-2018	131.2000455
605115.39	5601474.9	161.6819207	54194.32	53979.33	53785.01	54035.9603	-250.950302	-44.78030203	Varney-2018	130.649698
605114.98	5601475.17	161.7299604	54194.31	53984.2	53789.89	54035.95928	-246.0692764	-39.89927643	Varney-2018	135.5307236
605115.07	5601475.57	161.7999909	54194.31	53979.22	53784.91	54035.95922	-251.0492191	-44.87921912	Varney-2018	130.5507809
605115.42	5601477.06	162.0610682	54194.31	53979.86	53785.55	54035.95903	-250.4090303	-44.23903026	Varney-2018	131.1909697
605114.54	5601477.35	162.1126726	54194.31	53979.71	53785.4	54035.95703	-250.5570259	-44.38702592	Varney-2018	131.0429741
605114.03	5601478.07	162.2391157	54194.31	53984.45	53790.14	54035.95553	-245.8155328	-39.64553277	Varney-2018	135.7844672
605113.72	5601478.58	162.3285027	54194.31	53982.97	53788.66	54035.95459	-247.294585	-41.12458503	Varney-2018	134.305415
605113.11	5601476.7	162.0002266	54194.31	53990.23	53795.92	54035.95445	-240.0344474	-33.86444744	Varney-2018	141.5655526
605111.27	5601479.49	162.4877591	54194.31	53985.96	53791.65	54035.94901	-244.2990058	-38.1290058	Varney-2018	137.3009942
605110.75	5601480.88	162.729469	54194.32	53984.5	53790.18	54035.94714	-245.7671406	-39.59714058	Varney-2018	135.8328594
605111.34	5601482.77	163.0587881	54194.32	53987.85	53793.53	54035.94725	-242.4172498	-36.24724983	Varney-2018	139.1827502
605110.42	5601482.29	162.9743218	54194.33	53986.01	53791.68	54035.94566	-244.2656629	-38.09566287	Varney-2018	137.3343371
605109.8	5601483.03	163.1021371	54194.33	53987.1	53792.77	54035.94399	-243.1739883	-37.00398826	Varney-2018	138.4260117
605109.86	5601484.13	163.2931334	54194.32	53986.82	53792.5	54035.94349	-243.4434878	-37.27348781	Varney-2018	138.1565122
605111.2	5601485.66	163.5616159	54194.32	53988.08	53793.76	54035.9453	-242.1852966	-36.01529664	Varney-2018	139.4147034
605113.62	5601483.99	163.2748028	54194.31	53981.06	53786.75	54035.95113	-249.2011283	-43.0311283	Varney-2018	132.3988717
605111.56	5601485.77	163.5815615	54194.31	53982.28	53787.97	54035.94595	-247.975951	-41.80595095	Varney-2018	133.624049
605112.82	5601485.53	163.5424542	54194.3	53977.77	53783.47	54035.94861	-252.4786059	-46.3086059	Varney-2018	129.1213941
605112.65	5601486.78	163.7602949	54194.3	53975.98	53781.68	54035.94753	-254.267527	-48.09752698	Varney-2018	127.332473
605111.89	5601487.89	163.9517934	54194.29	53975.56	53781.27	54035.94537	-254.67537	-48.50537004	Varney-2018	126.92463
605110.51	5601486.57	163.7182643	54194.29	53977.94	53783.65	54035.9434	-252.2934001	-46.12340008	Varney-2018	129.3065999
605110.32	5601486.41	163.6899905	54194.28	53978.39	53784.11	54035.94311	-251.8331138	-45.66311377	Varney-2018	129.7668862
605110.36	5601489.16	164.1678849	54194.27	53977.35	53783.08	54035.94163	-252.8616261	-46.69162607	Varney-2018	128.7383739
605109.46	5601488.35	164.0243196	54194.25	53981.2	53786.95	54035.94032	-248.990315	-42.82031504	Varney-2018	132.609685
605108.51	5601486.65	163.72709	54194.25	53978.16	53783.91	54035.93938	-252.0293829	-45.85938287	Varney-2018	129.5706171
605107.27	5601487.99	163.9552773	54194.24	53973.78	53779.54	54035.9362	-256.3961962	-50.22619618	Varney-2018	125.2038038
605107.27	5601487.75	163.913844	54194.24	53978.35	53784.11	54035.93633	-251.8263259	-45.65632591	Varney-2018	129.7736741
605107.89	5601487.36	163.8482467	54194.23	53974.9	53780.67	54035.93776	-255.2677637	-49.09776372	Varney-2018	126.3322363
605107.21	5601486.48	163.6944443	54194.23	53971.87	53777.64	54035.93689	-258.2968932	-52.12689318	Varney-2018	123.3031068
605110.19	5601488.23	164.0057751	54194.23	53975.82	53781.59	54035.94182	-254.3518211	-48.18182105	Varney-2018	127.2481789
605110.84	5601486.57	163.7190927	54194.23	53978.54	53784.31	54035.94406	-251.6340556	-45.46405563	Varney-2018	129.9659444
605109.43	5601491.03	164.4889677	54194.22	53979.89	53785.67	54035.93875	-250.2687523	-44.09875227	Varney-2018	131.3312477
605109.62	5601497.28	165.4876275	54194.22	53990.29	53796.07	54035.9379	-239.8678951	-33.69789506	Varney-2018	141.7321049
605109.3	5601499.3	165.7093331	54194.22	53993.88	53799.66	54035.93952	-236.2795162	-30.10951623	Varney-2018	145.3204838
605109.31	5601500.13	165.8013461	54194.21	54016.84	53822.63	54035.94045	-213.3104485	-7.140448532	Varney-2018	168.2895515
605109.87	5601501.1	165.9132246	54194.2	54015.56	53821.36	54035.94255	-214.5825485	-8.412548549	Varney-2018	167.0174515
605110.62	5601502.18	166.0393516	54194.2	54018.07	53823.87	54035.9451	-212.075105	-5.905104994	Varney-2018	169.524895
605109.58	5601501.41	165.9453035	54194.2	54007.29	53813.09	54035.94235	-222.8523544	-16.68235438	Varney-2018	158.7476456
605110.19	5601502.58	166.0802149	54194.2	54022.83	53828.63	54035.94475	-207.3147539	-1.144753899	Varney-2018	174.2852461
605110.46	5601503.37	166.1703791	54194.21	54022.04	53827.83	54035.94611	-208.1161075	-1.946107463	Varney-2018	173.4838925
605110.67	5601502.54	166.0798406	54194.21	54029.17	53834.96	54035.94559	-200.9855877	5.184412268	Varney-2018	180.6144123
605109.85	5601500.01	165.7920913	54194.22	54030.58	53836.36	54035.94132	-199.581318	6.588682015	Varney-2018	182.018682
605110.39	5601499.69	165.760545	54194.24	54033.74	53839.5	54035.94197	-196.4419709	9.728029092	Varney-2018	185.1580291
605110.45	5601496.74	165.4328746	54194.27	54031	53836.73	54035.93887	-199.2088703	6.961129659	Varney-2018	182.3911297
605110.3	5601492.38	164.7270655	54194.27	54029.52	53835.25	54035.93968	-200.6896751	5.480324895	Varney-2018	180.9103249
605109.42	5601484.59	163.3721805	54194.26	54029.97	53835.71	54035.94235	-200.2323455	5.937654495	Varney-2018	181.3676545
605103	5601491.97	164.6234099	54194.27	54031.23	53836.96	54035.92578	-198.9657812	7.204218841	Varney-2018	182.6342188
605102.03	5601481.44	162.8209573	54194.28	54028.39	53834.11	54035.92907	-201.8190723	4.350927706	Varney-2018	179.7809277
605102.42	5601480.14	162.5990461	54194.27	54028.51	53834.24	54035.93051	-201.6905089	4.479491106	Varney-2018	179.9094911
605099.95	5601471.6	161.1465591	54194.26	54025.23	53830.97	54035.92947	-204.9594742	1.21052578	Varney-2018	176.6405258

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605100.12	5601467.67	160.4776589	54194.26	54033.36	53839.1	54035.93169	-196.8316936	9.338306374	Varney-2018	184.7683064
605100.16	5601465.81	160.1611125	54194.26	54029.05	53834.79	54035.93266	-201.1426601	5.0273399	Varney-2018	180.4573399
605099.46	5601459.28	159.0554703	54194.26	54027.71	53833.45	54035.93418	-202.484177	3.685822974	Varney-2018	179.115823
605099.47	5601457.21	158.7038124	54194.26	54044.8	53850.54	54035.93517	-185.3951651	20.77483494	Varney-2018	196.2048349
605097.25	5601437.15	155.3303404	54194.26	54042.14	53847.88	54035.93907	-188.0590703	18.11092967	Varney-2018	193.5409297
605089.73	5601402.92	149.4387936	54194.25	54049.74	53855.49	54035.94165	-180.451655	25.71834501	Varney-2018	201.148345
605102.89	5601505.2	166.3017501	54194.27	54063.7	53869.43	54035.93447	-166.5044727	39.66552729	Varney-2018	215.0955273
605099.69	5601485.12	163.4447078	54194.29	54057.13	53862.84	54035.92259	-173.0825854	33.08741458	Varney-2018	208.5174146
605101.66	5601493.52	164.8819359	54194.29	54054.38	53860.09	54035.92243	-175.8324326	30.33756744	Varney-2018	205.7675674
605100.39	5601492.11	164.6356401	54194.29	54066.08	53871.79	54035.92066	-164.1306636	42.03933641	Varney-2018	217.4693364
605097.22	5601490.38	164.3289546	54194.29	54074.29	53880	54035.9153	-155.9153032	50.25469685	Varney-2018	225.6846968
605093.82	5601492.24	164.6279421	54194.28	54076.11	53881.83	54035.9079	-154.0779039	52.09209606	Varney-2018	227.5220961
605093.82	5601492.24	164.6279421	54194.28	54071.22	53876.94	54035.9079	-158.9679039	47.20209606	Varney-2018	222.6320961
605093.82	5601492.24	164.6279421	54194.28	54069.44	53875.16	54035.9079	-160.7479039	45.42209606	Varney-2018	220.8520961
605093.82	5601492.24	164.6279421	54194.28	54065.89	53871.61	54035.9079	-164.2979039	41.87209606	Varney-2018	217.3020961
605093.82	5601492.24	164.6279421	54194.28	54069.19	53874.91	54035.9079	-160.9979039	45.17209606	Varney-2018	220.6020961
605093.82	5601492.24	164.6279421	54194.29	54070.07	53875.78	54035.9079	-160.1279039	46.04209606	Varney-2018	221.4720961
605093.82	5601492.24	164.6279421	54194.3	54063.29	53868.99	54035.9079	-166.9179039	39.25209606	Varney-2018	214.6820961
605093.82	5601492.24	164.6279421	54194.3	54072.16	53877.86	54035.9079	-158.0479039	48.12209606	Varney-2018	223.5520961
605093.82	5601492.24	164.6279421	54194.3	54067.69	53873.39	54035.9079	-162.5179039	43.65209606	Varney-2018	219.0820961
605093.82	5601492.24	164.6279421	54194.3	54060.29	53865.99	54035.9079	-169.9179039	36.25209606	Varney-2018	211.6820961
605093.82	5601492.24	164.6279421	54194.31	54065.89	53871.58	54035.9079	-164.3279039	41.84209606	Varney-2018	217.2720961
605093.82	5601492.24	164.6279421	54194.31	54072.82	53878.51	54035.9079	-157.3979039	48.77209606	Varney-2018	224.2020961
605093.82	5601492.24	164.6279421	54194.31	54063.49	53869.18	54035.9079	-166.7279039	39.44209606	Varney-2018	214.8720961
605093.82	5601492.24	164.6279421	54194.31	54065.62	53871.31	54035.9079	-164.5979039	41.57209606	Varney-2018	217.0020961
605093.82	5601492.24	164.6279421	54194.32	54066.44	53872.12	54035.9079	-163.7879039	42.38209606	Varney-2018	217.8120961
605093.82	5601492.24	164.6279421	54194.31	54056.01	53861.7	54035.9079	-174.2079039	31.96209606	Varney-2018	207.3920961
605093.82	5601492.24	164.6279421	54194.3	54046.59	53852.29	54035.9079	-183.6179039	22.55209606	Varney-2018	197.9820961
605093.82	5601492.24	164.6279421	54194.31	54045.01	53850.7	54035.9079	-185.2079039	20.96209606	Varney-2018	196.3920961
605093.82	5601492.24	164.6279421	54194.32	54028.46	53834.14	54035.9079	-201.7679039	4.402096061	Varney-2018	179.8320961
605093.82	5601492.24	164.6279421	54194.32	54020.36	53826.04	54035.9079	-209.8679039	-3.697903939	Varney-2018	171.7320961
605093.82	5601492.24	164.6279421	54194.33	54030.48	53836.15	54035.9079	-199.7579039	6.412096061	Varney-2018	181.8420961
605093.82	5601492.24	164.6279421	54194.36	54027.95	53833.59	54035.9079	-202.3179039	3.852096061	Varney-2018	179.2820961
605093.82	5601492.24	164.6279421	54194.39	54010.7	53816.31	54035.9079	-219.5979039	-13.42790394	Varney-2018	162.0020961
605093.82	5601492.24	164.6279421	54194.4	54015.56	53821.16	54035.9079	-214.7479039	-8.577903939	Varney-2018	166.8520961
605093.82	5601492.24	164.6279421	54194.42	54011.77	53817.35	54035.9079	-218.5579039	-12.38790394	Varney-2018	163.0420961
605093.82	5601492.24	164.6279421	54194.45	54012.63	53818.18	54035.9079	-217.7279039	-11.55790394	Varney-2018	163.8720961
605093.82	5601492.24	164.6279421	54194.48	54008.33	53813.85	54035.9079	-222.0579039	-15.88790394	Varney-2018	159.5420961
605093.82	5601492.24	164.6279421	54194.49	54001.74	53807.25	54035.9079	-228.6579039	-22.48790394	Varney-2018	152.9420961
605093.82	5601492.24	164.6279421	54194.51	53993.67	53799.16	54035.9079	-236.7479039	-30.57790394	Varney-2018	144.8520961
605093.82	5601492.24	164.6279421	54194.54	53993.14	53798.6	54035.9079	-237.3079039	-31.13790394	Varney-2018	144.2920961
605093.82	5601492.24	164.6279421	54194.58	53996.16	53801.58	54035.9079	-234.3279039	-28.15790394	Varney-2018	147.2720961
605093.82	5601492.24	164.6279421	54194.61	53998.12	53803.51	54035.9079	-232.3979039	-26.22790394	Varney-2018	149.2020961
605093.82	5601492.24	164.6279421	54194.65	53996.8	53802.15	54035.9079	-233.7579039	-27.58790394	Varney-2018	147.8420961
605093.82	5601492.24	164.6279421	54194.67	53988.26	53793.59	54035.9079	-242.3179039	-36.14790394	Varney-2018	139.2820961
605093.82	5601492.24	164.6279421	54194.7	53991.76	53797.06	54035.9079	-238.8479039	-32.67790394	Varney-2018	142.7520961
605093.82	5601492.24	164.6279421	54194.73	53989.5	53794.77	54035.9079	-241.1379039	-34.96790394	Varney-2018	140.4620961
605093.82	5601492.24	164.6279421	54194.76	53984.68	53789.92	54035.9079	-245.9879039	-39.81790394	Varney-2018	135.6120961
605093.82	5601492.24	164.6279421	54194.78	53987.82	53793.04	54035.9079	-242.8679039	-36.69790394	Varney-2018	138.7320961
605093.82	5601492.24	164.6279421	54194.8	53986.07	53791.27	54035.9079	-244.6379039	-38.46790394	Varney-2018	136.9620961
605093.82	5601492.24	164.6279421	54194.83	53998.1	53803.27	54035.9079	-232.6379039	-26.46790394	Varney-2018	148.9620961
605093.82	5601492.24	164.6279421	54194.87	53996.78	53801.91	54035.9079	-233.9979039	-27.82790394	Varney-2018	147.6020961
605093.82	5601492.24	164.6279421	54194.87	53993.11	53798.24	54035.9079	-237.6679039	-31.49790394	Varney-2018	143.9320961
605093.82	5601492.24	164.6279421	54194.87	53989.8	53794.93	54035.9079	-240.9779039	-34.80790394	Varney-2018	140.6220961
605093.82	5601492.24	164.6279421	54194.88	53990.3	53795.42	54035.9079	-240.4879039	-34.31790394	Varney-2018	141.1120961
605093.82	5601492.24	164.6279421	54194.89	53990.9	53796.01	54035.9079	-239.8979039	-33.72790394	Varney-2018	141.7020961
605093.82	5601492.24	164.6279421	54194.91	53988.34	53793.43	54035.9079	-242.4779039	-36.30790394	Varney-2018	139.1220961
605093.82	5601492.24	164.6279421	54194.94	53985.8	53790.86	54035.9079	-245.0479039	-38.87790394	Varney-2018	136.5520961
605093.82	5601492.24	164.6279421	54194.97	53989.01	53794.04	54035.9079	-241.8679039	-35.69790394	Varney-2018	139.7320961
605093.82	5601492.24	164.6279421	54195.01	53983.58	53788.57	54035.9079	-247.3379039	-41.16790394	Varney-2018	134.2620961
605093.82	5601492.24	164.6279421	54195.03	53983.65	53788.62	54035.9079	-247.2879039	-41.11790394	Varney-2018	134.3120961
605093.82	5601492.24	164.6279421	54195.05	53987.15	53792.1	54035.9079	-243.8079039	-37.63790394	Varney-2018	137.7920961
605093.82	5601492.24	164.6279421	54195.05	53985.57	53790.52	54035.9079	-245.3879039	-39.21790394	Varney-2018	136.2120961
605621.56	5600456.12	42.53262426	54159.71	53794.39	53634.68	54035.76309	-401.0830866	-194.9130866	Varney-2018	-19.48308661

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605620.98	5600455.04	42.49531057	54159.7	53799.71	53640.01	54035.75852	-395.7485209	-189.5785209	Varney-2018	-14.14852086
605620.47	5600453.38	42.41450653	54159.7	53802.48	53642.78	54035.75291	-392.9729086	-186.8029086	Varney-2018	-11.37290855
605618.99	5600453.61	42.52059446	54159.69	53808.39	53648.7	54035.74798	-387.0479849	-180.8779849	Varney-2018	-5.447984871
605617.95	5600454.3	42.63088653	54159.69	53815.74	53656.05	54035.74571	-379.6957122	-173.5257122	Varney-2018	1.904287848
605618.21	5600454.97	42.66026102	54159.69	53803	53643.31	54035.74817	-392.4381745	-186.2681745	Varney-2018	-10.83817449
605617.78	5600455.96	42.75354457	54159.68	53800.37	53640.69	54035.74882	-395.0588179	-188.8888179	Varney-2018	-13.4588179
605619.89	5600459.12	42.83757776	54159.66	53782.61	53622.95	54035.76369	-412.8136919	-206.6436919	Varney-2018	-31.2136919
605618.59	5600461.57	43.08303474	54159.64	53792.34	53632.7	54035.76441	-403.0644125	-196.8944125	Varney-2018	-21.46441246
605616.2	5600459.58	43.09544639	54159.61	53791.03	53631.42	54035.75113	-404.3311335	-198.1611335	Varney-2018	-22.73113347
605614.94	5600460.23	43.21693096	54159.59	53798.09	53638.5	54035.74795	-397.2479504	-191.0779504	Varney-2018	-15.64795045
605613.96	5600461.68	43.37550027	54159.56	53805.74	53646.18	54035.74759	-389.5675917	-183.3975917	Varney-2018	-7.967591655
605612.24	5600463.53	43.60695482	54159.56	53805.38	53645.82	54035.7454	-389.9253965	-183.7553965	Varney-2018	-8.325396454
605611.22	5600465.45	43.80024373	54159.55	53813.92	53654.37	54035.74593	-381.3759339	-175.2059339	Varney-2018	0.224066081
605611.05	5600466.33	43.87051642	54159.54	53808.85	53649.31	54035.74728	-386.4372771	-180.2672771	Varney-2018	-4.837277058
605608.95	5600467.57	44.08459607	54159.53	53816.27	53656.74	54035.7423	-379.0022973	-172.8322973	Varney-2018	2.597702727
605606.36	5600468.61	44.31561134	54159.53	53818.7	53659.17	54035.73505	-376.5650538	-170.3950538	Varney-2018	5.034946181
605604.77	5600468.71	44.34200373	54159.53	53829.64	53670.11	54035.73149	-365.6214934	-159.4514934	Varney-2018	15.97850665
605603.95	5600468.89	44.35654643	54159.52	53834.72	53675.2	54035.73015	-360.5301515	-154.3601515	Varney-2018	21.06984852
605602.47	5600470.17	44.44924281	54159.51	53844.33	53684.82	54035.72983	-350.9098268	-144.7398268	Varney-2018	30.69017321
605601.57	5600471.33	44.53277017	54159.5	53845.37	53685.87	54035.73045	-349.8604512	-143.6904512	Varney-2018	31.73954884
605600.21	5600471.08	44.51996794	54159.49	53853.24	53693.75	54035.72699	-341.9769882	-135.8069882	Varney-2018	39.62301176
605599.89	5600471.91	44.5792723	54159.49	53862.71	53703.22	54035.72811	-332.5081123	-126.3381123	Varney-2018	49.09188766
605598.6	5600473.79	44.71663246	54159.49	53859.89	53700.4	54035.72942	-335.3294177	-129.1594177	Varney-2018	46.27058232
605598.74	5600474.81	44.78796329	54159.49	53856.8	53697.31	54035.73194	-338.421935	-132.251935	Varney-2018	43.17806499
605598.92	5600476.33	44.89423536	54159.48	53841.21	53681.73	54035.73563	-354.0056282	-147.8356282	Varney-2018	27.59437179
605599.58	5600476.68	44.91547857	54159.49	53831.94	53672.45	54035.73783	-363.2878342	-157.1178342	Varney-2018	18.31216582
605599.67	5600477.37	44.96346271	54159.51	53832.96	53673.45	54035.73953	-362.2895346	-156.1195346	Varney-2018	19.31046544
605599.55	5600478.58	45.04912031	54159.51	53818.83	53659.32	54035.74191	-376.4219059	-170.2519059	Varney-2018	5.178094126
605599.97	5600480.3	45.16729877	54159.5	53811.18	53651.68	54035.74658	-384.0665842	-177.8965842	Varney-2018	-2.466584223
605600.97	5600482.44	45.31033474	54159.49	53805.12	53645.63	54035.75349	-390.1234913	-183.9534913	Varney-2018	-8.523491302
605600.91	5600483.67	45.39663483	54159.47	53790.52	53631.05	54035.75605	-404.7060496	-198.5360496	Varney-2018	-23.10604957
605600.66	5600482.86	45.34187019	54159.45	53801.23	53641.78	54035.75372	-393.9737156	-187.8037156	Varney-2018	-12.37371562
605600.46	5600483.39	45.38038295	54159.42	53805.87	53646.45	54035.75443	-389.3044252	-183.1344252	Varney-2018	-7.704425239
605600.64	5600484.52	45.45805832	54159.4	53810.55	53651.15	54035.7573	-384.6073009	-178.4373009	Varney-2018	-3.007300918
605600.3	5600485.38	45.52088651	54159.38	53812.26	53652.88	54035.75841	-382.8784117	-176.7084117	Varney-2018	-1.278411691
605600.79	5600486.99	45.62945529	54159.35	53806.45	53647.1	54035.76304	-388.6630441	-182.4930441	Varney-2018	-7.063044119
605599.97	5600489.73	45.82854334	54159.31	53802.14	53642.83	54035.76715	-392.9371524	-186.7671524	Varney-2018	-11.33715236
605600.71	5600490.2	45.85446204	54159.31	53801.54	53642.23	54035.76988	-393.5398835	-187.3698835	Varney-2018	-11.9398835
605601.24	5600491.34	45.92889533	54159.31	53795.11	53635.8	54035.7736	-399.9736042	-193.8036042	Varney-2018	-18.37360418
605598.57	5600494.89	46.20579018	54159.31	53803.04	53643.73	54035.77512	-392.0451235	-185.8751235	Varney-2018	-10.44512353
605603.39	5600494.11	46.09885988	54159.32	53804.12	53644.8	54035.7847	-390.984704	-184.814704	Varney-2018	-9.384703954
605603.58	5600494.73	46.13957239	54159.33	53805.36	53646.03	54035.78652	-389.7565196	-183.5865196	Varney-2018	-8.156519631
605602.84	5600494.21	46.11170057	54159.35	53803.6	53644.25	54035.78364	-391.5336382	-185.3636382	Varney-2018	-9.933638237
605603.2	5600495.76	46.21489704	54159.35	53808.32	53648.97	54035.7879	-386.8179038	-180.6479038	Varney-2018	-5.217903779
605603.02	5600497.08	46.30819954	54159.35	53811.12	53651.77	54035.79039	-384.0203936	-177.8503936	Varney-2018	-2.420393606
605602.97	5600498.02	46.3737955	54159.33	53815.49	53656.16	54035.79235	-379.6323496	-173.4623496	Varney-2018	1.96765036
605602.87	5600497.77	46.35769936	54159.31	53812.43	53653.12	54035.79156	-382.671561	-176.501561	Varney-2018	-1.071561003
605602.84	5600497.8	46.36013354	54159.3	53818.13	53658.83	54035.79156	-376.9615561	-170.7915561	Varney-2018	4.638443925
605603.33	5600498.88	46.42884713	54159.28	53814.98	53655.7	54035.7951	-380.0951039	-173.9251039	Varney-2018	1.504896136
605603.12	5600500.06	46.51298053	54159.25	53818.89	53659.64	54035.79721	-376.1572095	-169.9872095	Varney-2018	5.442790453
605603.25	5600500.68	46.55415655	54159.22	53819.43	53660.21	54035.79889	-375.5888897	-169.4188897	Varney-2018	6.011110265
605602.88	5600502.16	46.66131777	54159.24	53820.88	53661.64	54035.80127	-374.1612684	-167.9912684	Varney-2018	7.438731581
605603.16	5600502.7	46.6948945	54159.26	53818.59	53659.33	54035.80313	-376.4731349	-170.3031349	Varney-2018	5.126865136
605602.9	5600503.16	46.73023302	54159.28	53810.76	53651.48	54035.80352	-384.3235226	-178.1535226	Varney-2018	-2.723522585
605601.11	5600504.38	46.83979681	54159.3	53809.74	53650.44	54035.80187	-385.3618714	-179.1918714	Varney-2018	-3.761871366
605601.86	5600505.75	46.92449053	54159.31	53808.98	53649.67	54035.8067	-386.136701	-179.966701	Varney-2018	-4.536701006
605603.82	5600506.25	46.93052219	54159.32	53806.91	53647.59	54035.81259	-388.2225857	-182.0525857	Varney-2018	-6.622585748
605605.06	5600506.95	46.96029136	54159.34	53805.88	53646.54	54035.81717	-389.2771708	-183.1071708	Varney-2018	-7.677170793
605610.72	5600510.88	46.87943669	54159.36	53805.91	53646.55	54035.84682	-389.2968196	-183.1268196	Varney-2018	-7.696819605
605608.9	5600512.93	47.0835016	54159.36	53809.96	53650.6	54035.84595	-385.245954	-179.075954	Varney-2018	-3.645953969
605608.59	5600512.81	47.09726833	54159.35	53812.42	53653.07	54035.84447	-382.7744673	-176.6044673	Varney-2018	-1.174467279
605608.09	5600514.11	47.18438488	54159.34	53811.62	53652.28	54035.84638	-383.5663834	-177.3963834	Varney-2018	-1.966383381
605607.6	5600515.22	47.26187938	54159.32	53820.07	53660.75	54035.84781	-375.0978074	-168.9278074	Varney-2018	6.502192589
605608.21	5600515.27	47.22754345	54159.32	53820.87	53661.55	54035.85017	-374.3001729	-168.1301729	Varney-2018	7.299827149

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605609.58	5600514.41	47.10744418	54159.32	53827.89	53668.57	54035.8527	-367.2826963	-161.1126963	Varney-2018	14.31730372
605609.28	5600514.83	47.14410511	54159.32	53828.67	53669.35	54035.85281	-366.5028051	-160.3328051	Varney-2018	15.09719488
605608.85	5600515.68	47.20725194	54159.31	53830.32	53671.01	54035.85368	-364.8436822	-158.6736822	Varney-2018	16.75631779
605607.8	5600516.18	47.29138726	54159.29	53829.24	53669.95	54035.85131	-365.901315	-159.731315	Varney-2018	15.698685
605607.18	5600516.76	47.352938	54159.26	53830.98	53671.72	54035.85075	-364.1307531	-157.9607531	Varney-2018	17.46924687
605606.28	5600517.31	47.4291321	54159.24	53831.33	53672.09	54035.84911	-363.7591066	-157.5891066	Varney-2018	17.84089335
605606	5600517.43	47.44654443	54159.22	53833.2	53673.98	54035.84855	-361.8685548	-155.6985548	Varney-2018	19.73144521
605605.79	5600517.45	47.45122993	54159.18	53833.47	53674.29	54035.84808	-361.5580802	-155.3880802	Varney-2018	20.04191983
605604.99	5600517.65	47.4743629	54159.14	53832.03	53672.89	54035.84663	-362.9566323	-156.7866323	Varney-2018	18.64336773
605603.9	5600517.94	47.50679939	54159.11	53830.45	53671.34	54035.84471	-364.5047059	-158.3347059	Varney-2018	17.09529412
605602.91	5600517.92	47.5242105	54159.08	53828.58	53669.5	54035.84213	-366.3421306	-160.1721306	Varney-2018	15.25786942
605602.47	5600518.35	47.55094605	54159.09	53825.05	53665.96	54035.84226	-369.8822557	-163.7122557	Varney-2018	11.71774426
605601.4	5600518.75	47.58829794	54159.11	53821.28	53662.17	54035.84068	-373.6706846	-167.5006846	Varney-2018	7.92931543
605600.55	5600519.06	47.61782872	54159.1	53819.59	53660.49	54035.83941	-375.3494088	-169.1794088	Varney-2018	6.250591163
605599.87	5600518.48	47.60502589	54159.09	53818.11	53659.02	54035.83601	-376.8160084	-170.6460084	Varney-2018	4.783991647
605599.36	5600518.93	47.63446981	54159.09	53821.04	53661.95	54035.836	-373.8859988	-167.7159988	Varney-2018	7.714001221
605598.76	5600518.16	47.6114687	54159.1	53827.4	53668.3	54035.83227	-367.5322652	-161.3622652	Varney-2018	14.06773477
605597.55	5600516.97	47.58045657	54159.1	53826.89	53667.79	54035.82579	-368.0357944	-161.8657944	Varney-2018	13.56420559
605597.54	5600517.15	47.58872106	54159.1	53829.02	53669.92	54035.82628	-365.9062821	-159.7362821	Varney-2018	15.69371792
605596.46	5600516.53	47.58031701	54159.09	53830.11	53671.02	54035.82178	-364.801782	-158.631782	Varney-2018	16.798218
605595.36	5600517.04	47.62338005	54159.07	53834.22	53675.15	54035.82044	-360.6704423	-154.5004423	Varney-2018	20.92955773
605595.4	5600518.37	47.68330871	54159.06	53839.28	53680.22	54035.82431	-355.6043096	-149.4343096	Varney-2018	25.99569039
605594.32	5600519.45	47.75303105	54159.05	53841.72	53682.67	54035.82461	-353.1546073	-146.9846073	Varney-2018	28.44539271
605593.09	5600520.7	47.83429302	54159.04	53829.16	53670.12	54035.82498	-365.7049779	-159.5349779	Varney-2018	15.8950221
605592.94	5600520.06	47.80749504	54159.03	53834.82	53675.79	54035.82279	-360.0327944	-153.8627944	Varney-2018	21.56720564
605592.49	5600518.83	47.75884861	54159.01	53836.81	53677.8	54035.81819	-358.0181901	-151.8481901	Varney-2018	23.58180992
605590.59	5600519.32	47.81758997	54158.99	53846.9	53687.91	54035.81471	-347.9047111	-141.7347111	Varney-2018	33.69528892
605589.42	5600520.95	47.91723749	54158.97	53845.68	53686.71	54035.81625	-349.1062529	-142.9362529	Varney-2018	32.49374715
605588.94	5600520.83	47.92084389	54158.94	53842.64	53683.7	54035.81469	-352.1146867	-145.9446867	Varney-2018	29.48531329
605587.09	5600521.2	47.97461919	54158.92	53843.44	53684.52	54035.81096	-351.2909571	-145.1209571	Varney-2018	30.30904287
605586.27	5600520.79	47.9707073	54158.89	53848.27	53689.38	54035.80772	-346.4277204	-140.2577204	Varney-2018	35.17227962
605586.25	5600520.03	47.93416188	54158.87	53853.79	53694.92	54035.80558	-340.8855774	-134.7155774	Varney-2018	40.71442263
605585.09	5600519.54	47.93236844	54158.84	53850.88	53692.04	54035.80126	-343.761263	-137.591263	Varney-2018	37.83873696
605584.3	5600518.19	47.88089841	54158.84	53855.6	53696.76	54035.79555	-339.0355506	-132.8655506	Varney-2018	42.56444937
605584.17	5600518.5	47.8985843	54158.83	53856	53697.17	54035.79607	-338.6260674	-132.4560674	Varney-2018	42.97393263
605583.09	5600518.05	47.89638422	54158.82	53852.86	53694.04	54035.79209	-341.7520897	-135.5820897	Varney-2018	39.84791027
605582.19	5600518.94	47.9574613	54158.81	53854.85	53696.04	54035.79222	-339.7522184	-133.5822184	Varney-2018	41.84778156
605581.7	5600519.29	47.98419551	54158.82	53856.29	53697.47	54035.79192	-338.3219177	-132.1519177	Varney-2018	43.27808234
605580.71	5600519.46	48.01147572	54158.84	53850.7	53691.86	54035.78985	-343.9298484	-137.7598484	Varney-2018	37.67015162
605580.93	5600520.44	48.05663413	54158.84	53856.41	53697.57	54035.79306	-338.2230626	-132.0530626	Varney-2018	43.37693738
605580.71	5600520.41	48.05936261	54158.84	53859.61	53700.77	54035.79242	-335.0224173	-128.8524173	Varney-2018	46.5775827
605580.9	5600520.57	48.06375727	54158.83	53860.19	53701.36	54035.79334	-334.4333374	-128.2633374	Varney-2018	47.16666256
605581.02	5600521.45	48.10570827	54158.82	53866.88	53708.06	54035.79603	-327.7360273	-121.5660273	Varney-2018	53.86397268
605581.31	5600522.33	48.14420831	54158.82	53862.89	53704.07	54035.79916	-331.7291578	-125.5591578	Varney-2018	49.87084222
605582.01	5600523.28	48.17776592	54158.81	53874.76	53715.95	54035.80354	-319.853544	-113.683544	Varney-2018	61.74645596
605581.77	5600523.98	48.21765746	54158.81	53865.92	53707.11	54035.80482	-328.694822	-122.524822	Varney-2018	52.90517803
605580.81	5600524.48	48.26246045	54158.82	53850.79	53691.97	54035.80368	-343.8336831	-137.6636831	Varney-2018	37.76631693
605580.22	5600524.79	48.29028826	54158.82	53858.46	53699.64	54035.80299	-336.1629863	-129.9929863	Varney-2018	45.43701369
605579.28	5600525.71	48.3565489	54158.81	53855.51	53696.7	54035.80302	-339.1030166	-132.9330166	Varney-2018	42.4969834
605577.59	5600526.62	48.43883507	54158.8	53849.96	53691.16	54035.80104	-344.6410415	-138.4710415	Varney-2018	36.95895852
605577.21	5600527.9	48.51291322	54158.79	53839.23	53680.44	54035.80347	-355.363469	-149.193469	Varney-2018	26.23653098
605576.79	5600529.25	48.59181287	54158.79	53837.8	53679.01	54035.80597	-356.7959694	-150.6259694	Varney-2018	24.80403058
605575.87	5600530.27	48.66522519	54158.78	53829.59	53670.81	54035.80626	-364.9962552	-158.8262552	Varney-2018	16.60374483
605574.91	5600531.47	48.74957845	54158.78	53823.64	53664.86	54035.8069	-370.946896	-164.776896	Varney-2018	10.65310401
605574.2	5600531.86	48.78631293	54158.78	53815.88	53657.1	54035.80604	-378.7060399	-172.5360399	Varney-2018	2.893960145
605573.46	5600531.25	48.77114542	54158.77	53818.66	53659.89	54035.80246	-375.9124577	-169.7424577	Varney-2018	5.687542327
605574.84	5600529.69	48.65803986	54158.76	53822.35	53663.59	54035.80199	-372.2119871	-166.0419871	Varney-2018	9.388012939
605571.61	5600533.29	48.92224174	54158.76	53810.69	53651.93	54035.8029	-383.8728953	-177.7028953	Varney-2018	-2.272895292
605570.96	5600533.41	48.94393261	54158.76	53806.43	53647.67	54035.80147	-388.1314703	-181.9614703	Varney-2018	-6.53147027
605571.07	5600533.35	48.93813241	54158.76	53804.96	53646.2	54035.80161	-389.6016075	-183.4316075	Varney-2018	-8.001607509
605571.04	5600532.74	48.90616073	54158.76	53806.7	53647.94	54035.79993	-387.8599289	-181.6899289	Varney-2018	-6.259928862
605570.62	5600533.32	48.94709438	54158.77	53807.55	53648.78	54035.80032	-387.0203246	-180.8503246	Varney-2018	-5.420324598
605571.51	5600534.02	48.96358195	54158.78	53810.64	53651.86	54035.80454	-383.9445435	-177.7745435	Varney-2018	-2.344543455
605570.83	5600536.05	49.08859071	54158.8	53818.11	53659.31	54035.80803	-376.4980349	-170.3280349	Varney-2018	5.101965093

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605571.32	5600535.75	49.06060231	54158.83	53827.21	53668.38	54035.80857	-367.428571	-161.258571	Varney-2018	14.17142895
605569.05	5600540.22	49.35807592	54158.85	53829.8	53670.95	54035.81408	-364.8640835	-158.6940835	Varney-2018	16.73591645
605568.94	5600540.31	49.3657904	54158.87	53823.95	53665.08	54035.81402	-370.7340168	-164.5640168	Varney-2018	10.86598324
605569.73	5600538.97	49.27307629	54158.87	53817.07	53658.2	54035.81268	-377.612683	-171.442683	Varney-2018	3.987317035
605570.04	5600536.41	49.12725187	54158.88	53825.99	53667.11	54035.80684	-368.6968422	-162.5268422	Varney-2018	12.90315784
605568.13	5600538.22	49.27271942	54158.87	53828.42	53669.55	54035.80638	-366.2563764	-160.0863764	Varney-2018	15.34362363
605568.31	5600537.99	49.25567771	54158.86	53829.69	53670.83	54035.80627	-364.9762685	-158.8062685	Varney-2018	16.62373147
605569.41	5600538.64	49.2633295	54158.85	53825.27	53666.42	54035.81095	-369.3909509	-163.2209509	Varney-2018	12.20904912
605570.07	5600538.4	49.23374854	54158.84	53829.83	53670.99	54035.81212	-364.8221208	-158.6521208	Varney-2018	16.77787921
605569.07	5600542.01	49.45460071	54158.83	53844.71	53685.88	54035.8188	-349.9387979	-143.7687979	Varney-2018	31.66120209
605567.32	5600542.24	49.51327261	54158.82	53835.97	53677.15	54035.81458	-358.6645779	-152.4945779	Varney-2018	22.93542212
605564.89	5600542.87	49.61244333	54158.84	53842.78	53683.94	54035.8095	-351.8695038	-145.6995038	Varney-2018	29.73049616
605563.37	5600545.57	49.80429028	54158.86	53839	53680.14	54035.81221	-355.6722051	-149.5022051	Varney-2018	25.92779487
605562.79	5600548.11	49.96314737	54158.87	53839.76	53680.89	54035.81706	-354.927065	-148.757065	Varney-2018	26.67293505
605562.1	5600545.6	49.84089764	54158.88	53844.49	53685.61	54035.80875	-350.1987477	-144.0287477	Varney-2018	31.40125231
605561.29	5600544.72	49.81322815	54158.89	53838.69	53679.8	54035.80426	-356.0042623	-149.8342623	Varney-2018	25.5957377
605559.2	5600546.53	49.97406553	54158.9	53833.24	53674.34	54035.80302	-361.4630191	-155.2930191	Varney-2018	20.13698087
605558.61	5600550.53	50.22099472	54158.9	53840.49	53681.59	54035.81142	-354.2214223	-148.0514223	Varney-2018	27.37857773
605558.29	5600551.49	50.28573679	54158.9	53835.54	53676.64	54035.81293	-359.1729274	-153.0029274	Varney-2018	22.42707262
605556.63	5600550.38	50.26989388	54158.9	53839.91	53681.01	54035.80545	-354.7954535	-148.6254535	Varney-2018	26.80454646
605555.23	5600549.22	50.24244764	54158.9	53834.28	53675.38	54035.79862	-360.4186193	-154.2486193	Varney-2018	21.18138071
605556.18	5600545.92	50.02239428	54158.9	53833.82	53674.92	54035.79307	-360.8730712	-154.7030712	Varney-2018	20.72692877
605556.71	5600542.48	49.80737603	54158.89	53836.65	53677.76	54035.78596	-358.0259615	-151.8559615	Varney-2018	23.57403855
605555.57	5600543.52	49.89853338	54158.91	53837.95	53679.04	54035.78541	-356.7454055	-150.5754055	Varney-2018	24.85459449
605550.99	5600543.91	50.04481738	54158.93	53830.98	53672.05	54035.7737	-363.7236973	-157.5536973	Varney-2018	17.87630268
605551.31	5600543.86	50.03319326	54158.93	53831.28	53672.35	54035.77446	-363.4244606	-157.2544606	Varney-2018	18.17553935
605550.1	5600547.17	50.26574688	54158.94	53833.71	53674.77	54035.77918	-361.0091837	-154.8391837	Varney-2018	20.59081632
605549.7	5600548.27	50.34355021	54158.93	53832.37	53673.44	54035.78074	-362.3407438	-156.1707438	Varney-2018	19.25925619
605547	5600552.28	50.66647602	54158.92	53841.65	53682.73	54035.78284	-353.052839	-146.882839	Varney-2018	28.54716101
605545.51	5600552.92	50.75032909	54158.9	53845.71	53686.81	54035.78014	-348.9701416	-142.8001416	Varney-2018	32.62985836
605544.12	5600554.12	50.86672125	54158.87	53856.29	53697.42	54035.77905	-338.3590495	-132.1890495	Varney-2018	43.24095049
605543.78	5600555.31	50.95136789	54158.84	53862.1	53703.26	54035.78091	-332.520915	-126.350915	Varney-2018	49.07908501
605539.69	5600553.07	50.9338776	54158.81	53873.21	53714.4	54035.76393	-321.3639289	-115.1939289	Varney-2018	60.23607108
605538.44	5600554.68	51.07470599	54158.78	53870.31	53711.53	54035.76413	-324.2341329	-118.0641329	Varney-2018	57.36586712
605538.2	5600556.53	51.20097838	54158.74	53868.07	53709.33	54035.76777	-326.4377666	-120.2677666	Varney-2018	55.16223336
605539.48	5600560.95	51.44357387	54158.75	53866.53	53707.78	54035.78182	-328.0018214	-121.8318214	Varney-2018	53.59817857
605539.87	5600562.92	51.55649298	54158.76	53866.51	53707.75	54035.78759	-328.0375879	-121.8675879	Varney-2018	53.56241211
605540.49	5600564.77	51.65350805	54158.78	53856.44	53697.66	54035.79376	-338.1337635	-131.9637635	Varney-2018	43.46623647
605540.59	5600565.72	51.71047684	54158.81	53847.07	53688.26	54035.7963	-347.5362967	-141.3662967	Varney-2018	34.06370325
605540.76	5600566.88	51.77830425	54158.84	53832.76	53673.92	54035.79953	-361.8795343	-155.7095343	Varney-2018	19.72046572
605541.87	5600567.66	51.78927851	54158.88	53829.03	53670.15	54035.80467	-365.6546744	-159.4846744	Varney-2018	15.94532561
605542.07	5600567.9	51.79746537	54158.89	53830.67	53671.78	54035.80584	-364.0258378	-157.8558378	Varney-2018	17.57416225
605541.73	5600570.91	51.99937183	54158.9	53829.37	53670.47	54035.81195	-365.3419475	-159.1719475	Varney-2018	16.25805248
605540.91	5600571.47	52.0642194	54158.9	53827.06	53668.16	54035.81081	-367.6508067	-161.4808067	Varney-2018	13.94919333
605540.68	5600572.16	52.11629889	54158.91	53832.32	53673.41	54035.81174	-362.4017413	-156.2317413	Varney-2018	19.19825871
605540.42	5600572.67	52.15813048	54158.9	53840.44	53681.54	54035.81216	-354.2721588	-148.1021588	Varney-2018	27.32784124
605540.28	5600574.62	52.2872838	54158.89	53842.41	53683.52	54035.81633	-352.2963255	-146.1263255	Varney-2018	29.30367453
605540.44	5600575.17	52.31632983	54158.89	53846.11	53687.22	54035.81811	-348.5981061	-142.4281061	Varney-2018	33.00189389
605539.47	5600575.02	52.3427975	54158.89	53843.03	53684.14	54035.81481	-351.6748062	-145.5048062	Varney-2018	29.92519385
605538.35	5600575.05	52.38629589	54158.87	53849.62	53690.75	54035.81147	-345.0614738	-138.8914738	Varney-2018	36.53852617
605537.16	5600575.95	52.48865491	54158.85	53853.56	53694.71	54035.80995	-341.0999522	-134.9299522	Varney-2018	40.50004783
605535.52	5600576.92	52.61324834	54158.84	53854.87	53696.03	54035.8072	-339.7771996	-133.6071996	Varney-2018	41.82280041
605535.6	5600577.87	52.67212429	54158.83	53863.55	53704.72	54035.80964	-331.0896411	-124.9196411	Varney-2018	50.51035888
605537.37	5600580.76	52.79139765	54158.8	53862.75	53703.95	54035.82179	-331.8717903	-125.7017903	Varney-2018	49.72820968
605537.76	5600580.59	52.76523446	54158.77	53859.93	53701.16	54035.8226	-334.6625981	-128.4925981	Varney-2018	46.93740186
605538.15	5600581.18	52.7879971	54158.76	53861.12	53702.36	54035.82518	-333.4651794	-127.2951794	Varney-2018	48.13482064
605538.79	5600578.62	52.59883243	54158.74	53861.42	53702.68	54035.82117	-333.1411662	-126.9711662	Varney-2018	48.45883384
605538.81	5600579.5	52.6544775	54158.71	53861.29	53702.58	54035.82329	-333.2432873	-127.0732873	Varney-2018	48.35671268
605538.8	5600580.2	52.69973793	54158.67	53865.01	53706.34	54035.82489	-329.4848949	-123.3148949	Varney-2018	52.11510505
605539.35	5600580.79	52.71610926	54158.66	53859.68	53701.02	54035.82797	-334.8079742	-128.6379742	Varney-2018	46.79202576
605540.63	5600581.89	52.7360449	54158.64	53861.82	53703.18	54035.83452	-332.6545188	-126.4845188	Varney-2018	48.94548115
605541.25	5600581.69	52.69897906	54158.64	53859.98	53701.34	54035.83597	-334.4959669	-128.3259669	Varney-2018	47.10403309
605540.44	5600581.84	52.74034523	54158.65	53858.86	53700.21	54035.83381	-335.6238126	-129.4538126	Varney-2018	45.97618741
605540.05	5600583.62	52.86907264	54158.66	53859.23	53700.57	54035.83679	-335.2667903	-129.0967903	Varney-2018	46.33320974

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605538.77	5600584.22	52.95865018	54158.68	53861.4	53702.72	54035.83421	-333.1142105	-126.9442105	Varney-2018	48.48578951
605541.72	5600582.67	52.74239854	54158.72	53867.49	53708.77	54035.83974	-327.0697405	-120.8997405	Varney-2018	54.53025954
605541.36	5600581.42	52.67757354	54158.77	53858.57	53699.8	54035.83567	-336.0356695	-129.8656695	Varney-2018	45.56433051
605542.95	5600583.9	52.77085178	54158.79	53865.04	53706.25	54035.84648	-329.5964818	-123.4264818	Varney-2018	52.00351819
605543.61	5600584.43	52.77758216	54158.82	53869.16	53710.34	54035.8498	-325.5098002	-119.3398002	Varney-2018	56.09019976
605542.73	5600585.32	52.87182037	54158.83	53868.58	53709.75	54035.84909	-326.0990901	-119.9290901	Varney-2018	55.50090993
605542.32	5600586.84	53.00432344	54158.84	53868.89	53710.05	54035.85088	-325.8008757	-119.6308757	Varney-2018	55.79912429
605541.32	5600587.35	53.08367733	54158.83	53874.41	53715.58	54035.84878	-320.2687783	-114.0987783	Varney-2018	61.33122166
605540.96	5600587.77	53.13028641	54158.81	53876.1	53717.29	54035.8485	-318.5585	-112.3885	Varney-2018	63.04150001
605540.81	5600591.33	53.4079868	54158.79	53866.98	53708.19	54035.85521	-327.6652116	-121.4952116	Varney-2018	53.93478844
605540.95	5600595.19	53.69682274	54158.77	53861.52	53702.75	54035.86344	-333.1134355	-126.9434355	Varney-2018	48.48656452
605541.62	5600594.73	53.63452418	54158.75	53864.6	53705.85	54035.8646	-330.0146049	-123.8446049	Varney-2018	51.5853951
605540.18	5600590.49	53.3694196	54158.73	53868.29	53709.56	54035.85155	-326.2915466	-120.1215466	Varney-2018	55.30845341
605538.97	5600590.02	53.3825665	54158.71	53870.25	53711.54	54035.84681	-324.3068141	-118.1368141	Varney-2018	57.29318593
605537.85	5600588.53	53.31416079	54158.68	53862.52	53703.84	54035.84031	-332.0003078	-125.8303078	Varney-2018	49.59969218
605536.08	5600588.06	53.34990299	54158.67	53867.04	53708.37	54035.83383	-327.4638261	-121.2938261	Varney-2018	54.13617393
605533.49	5600589.01	53.52733966	54158.65	53859.38	53700.73	54035.82764	-335.0976402	-128.9276402	Varney-2018	46.50235983
605532.79	5600589.58	53.59926159	54158.65	53873.33	53714.68	54035.8266	-321.1465984	-114.9765984	Varney-2018	60.45340161
605532.43	5600589.08	53.57560921	54158.65	53875.78	53717.13	54035.82447	-318.6944661	-112.5244661	Varney-2018	62.9055339
605532.52	5600593.24	53.89004803	54158.64	53880.26	53721.62	54035.83312	-314.2131205	-108.0431205	Varney-2018	67.38687947
605530.88	5600594.82	54.07744387	54158.62	53877.92	53719.3	54035.83117	-316.5311669	-110.3611669	Varney-2018	65.06883308
605530.4	5600595.82	54.17343582	54158.61	53875.23	53716.62	54035.83168	-319.211676	-113.041676	Varney-2018	62.38832401
605529.78	5600596.68	54.26075634	54158.6	53868.06	53709.46	54035.83156	-326.3715619	-120.2015619	Varney-2018	55.22843809
605530.18	5600595.72	54.17454637	54158.6	53873.08	53714.48	54035.83079	-321.3507907	-115.1807907	Varney-2018	60.2492093
605529.85	5600596.8	54.26770584	54158.59	53873.76	53715.17	54035.83201	-320.6620062	-114.4920062	Varney-2018	60.93799379
605530.46	5600595.46	54.14345776	54158.57	53877.4	53718.83	54035.83114	-317.0011396	-110.8311396	Varney-2018	64.59886036
605528.62	5600596.43	54.27862084	54158.55	53877.01	53718.46	54035.8277	-317.367696	-111.197696	Varney-2018	64.23230402
605527.14	5600597.26	54.38944226	54158.54	53879.92	53721.38	54035.82507	-314.4450715	-108.2750715	Varney-2018	67.15492854
605526.11	5600598.37	54.50746663	54158.52	53878.77	53720.25	54035.82431	-315.5743113	-109.4043113	Varney-2018	66.02568868
605524.79	5600597.3	54.46755266	54158.51	53881.02	53722.51	54035.81834	-313.3083359	-107.1383359	Varney-2018	68.29166408
605524.39	5600599.12	54.62006172	54158.49	53880.44	53721.95	54035.82082	-313.8708237	-107.7008237	Varney-2018	67.72917631
605523.75	5600601	54.78495175	54158.49	53885.52	53727.03	54035.82273	-308.7927327	-102.6227327	Varney-2018	72.8072673
605522.55	5600601.63	54.87190285	54158.49	53887.41	53728.92	54035.82051	-306.9005081	-100.7305081	Varney-2018	74.69949191
605521.57	5600602.54	54.97338262	54158.49	53888.83	53730.34	54035.81948	-305.4794813	-99.30948127	Varney-2018	76.12051873
605520.31	5600604.38	55.15554689	54158.5	53887.06	53728.56	54035.8195	-307.2594974	-101.0894974	Varney-2018	74.34050262
605519.31	5600606.12	55.3218148	54158.5	53884.63	53726.13	54035.82006	-309.6900649	-103.5200649	Varney-2018	71.9099351
605519.72	5600607.1	55.38400885	54158.51	53885.61	53727.1	54035.82322	-308.7232171	-102.5532171	Varney-2018	72.87678288
605518.88	5600609.11	55.56605502	54158.52	53888.35	53729.83	54035.82479	-305.9947857	-99.82478568	Varney-2018	75.60521432
605517.37	5600608.88	55.59737089	54158.54	53886.54	53728	54035.81993	-307.8199251	-101.6499251	Varney-2018	73.7800749
605517.4	5600609.72	55.66116327	54158.54	53888.59	53730.05	54035.82169	-305.7716889	-99.60168893	Varney-2018	75.82831107
605517.2	5600610.87	55.75634484	54158.54	53893.61	53735.07	54035.8234	-300.7534006	-94.58340056	Varney-2018	80.84659944
605517.62	5600612.38	55.85907757	54158.53	53897.71	53739.18	54035.82764	-296.6476397	-90.47763967	Varney-2018	84.95236033
605518.41	5600614.26	55.97816086	54158.51	53893.23	53734.72	54035.8337	-301.1136999	-94.94369991	Varney-2018	80.48630009
605517.33	5600615.3	56.0936923	54158.48	53896.13	53737.65	54035.83262	-298.1826203	-92.01262033	Varney-2018	83.41737967
605516.45	5600615.77	56.15879036	54158.44	53898.3	53739.86	54035.83099	-295.9709859	-89.80098587	Varney-2018	85.62901413
605514.96	5600615.98	56.22386787	54158.41	53900.73	53742.32	54035.82705	-293.5070488	-87.33704881	Varney-2018	88.09295119
605514.84	5600616.4	56.26023755	54158.38	53896.85	53738.47	54035.82753	-297.3575349	-91.18753486	Varney-2018	84.24246514
605514.33	5600616.97	56.32100726	54158.36	53892.04	53733.68	54035.82718	-302.147179	-95.97717903	Varney-2018	79.45282097
605513.94	5600617.56	56.37940422	54158.33	53895.19	53736.86	54035.82721	-298.9672134	-92.79721335	Varney-2018	82.63278665
605515.24	5600620.77	56.58448809	54158.31	53897.57	53739.26	54035.83741	-296.5774139	-90.40741393	Varney-2018	85.02258607
605514.52	5600620.24	56.56733115	54158.29	53899.18	53740.89	54035.83425	-294.944249	-88.77424898	Varney-2018	86.65575102
605515.87	5600621.61	56.6285081	54158.28	53896.74	53738.46	54035.84093	-297.3809342	-91.2109342	Varney-2018	84.2190658
605514.94	5600623.23	56.78435101	54158.26	53903.94	53745.68	54035.84144	-290.161437	-83.99143702	Varney-2018	91.43856298
605514.92	5600624.27	56.86532101	54158.26	53911.53	53753.27	54035.84345	-282.5734507	-76.40345069	Varney-2018	99.02654931
605515.97	5600624.85	56.87523108	54158.27	53906.25	53747.98	54035.84769	-287.8676875	-81.6976875	Varney-2018	93.7323125
605515.17	5600625.78	56.9736061	54158.27	53907.59	53749.32	54035.84719	-286.5271934	-80.35719341	Varney-2018	95.07280659
605514.46	5600626.95	57.08759072	54158.28	53909.42	53751.14	54035.84744	-284.7074399	-78.53743988	Varney-2018	96.89256012
605514.21	5600627.12	57.10905187	54158.28	53906.61	53748.33	54035.84704	-287.5170442	-81.34704423	Varney-2018	94.08295577
605514.1	5600627.58	57.14825527	54158.27	53909.47	53751.2	54035.84764	-284.6476373	-78.47763727	Varney-2018	96.95236273
605514.14	5600629.22	57.27361936	54158.28	53909.26	53750.98	54035.85102	-284.8710211	-78.70102107	Varney-2018	96.72897893
605514.32	5600629.59	57.29618506	54158.3	53908.11	53749.81	54035.85229	-286.0422872	-79.87228722	Varney-2018	95.55771278
605514.44	5600629.45	57.28135898	54158.31	53909.63	53751.32	54035.85236	-284.5323612	-78.36236117	Varney-2018	97.06763883
605514.5	5600629.84	57.30947601	54158.32	53908.39	53750.07	54035.85331	-285.7833145	-79.61331448	Varney-2018	95.81668552
605514.41	5600630.3	57.34801774	54158.32	53908.28	53749.96	54035.85397	-285.8939661	-79.72396614	Varney-2018	95.70603386

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605514.57	5600630.37	57.34806906	54158.31	53908.51	53750.2	54035.85458	-285.6545762	-79.48457617	Varney-2018	95.94542383
605514.73	5600630.11	57.32263433	54158.31	53909.14	53750.83	54035.85453	-285.0245287	-78.85452874	Varney-2018	96.57547126
605515.13	5600630	57.30075712	54158.31	53907.92	53749.61	54035.85549	-286.2454859	-80.07548588	Varney-2018	95.35451412
605515.08	5600629.94	57.29779724	54158.31	53908.3	53749.99	54035.85522	-285.8652193	-79.69521927	Varney-2018	95.73478073
605515.06	5600630.26	57.32317412	54158.3	53909.05	53750.75	54035.8558	-285.1057981	-78.93579815	Varney-2018	96.49420185
605515.39	5600629.16	57.22721356	54158.3	53908.6	53750.3	54035.85458	-285.5545762	-79.3845762	Varney-2018	96.0454238
605515.32	5600629.18	57.23109671	54158.29	53908.58	53750.29	54035.85441	-285.5644103	-79.39441028	Varney-2018	96.03558972
605515.33	5600629.21	57.23307852	54158.3	53908.79	53750.49	54035.8545	-285.3644995	-79.19449947	Varney-2018	96.23550053
605515.29	5600629.04	57.22129105	54158.31	53908.52	53750.21	54035.85404	-285.6440431	-79.47404306	Varney-2018	95.95595694
605515.31	5600629.02	57.21907883	54158.31	53908.46	53750.15	54035.85406	-285.704062	-79.53406199	Varney-2018	95.89593801
605515.32	5600629.01	57.21797273	54158.31	53908.74	53750.43	54035.85407	-285.4240715	-79.25407145	Varney-2018	96.17592855
605515.34	5600629.04	57.21962051	54158.33	53908.52	53750.19	54035.85419	-285.66419	-79.49419004	Varney-2018	95.93580996
605515.4	5600629.09	57.22147567	54158.35	53908.11	53749.76	54035.85447	-286.0944661	-79.92446607	Varney-2018	95.50553393
605515.42	5600629.15	57.22543912	54158.35	53908.37	53750.02	54035.85464	-285.8346445	-79.66464446	Varney-2018	95.76535554
605515.47	5600629.17	57.22531218	54158.36	53908.45	53750.09	54035.85483	-285.7648313	-79.59483131	Varney-2018	95.83516869
605515.47	5600629.25	57.23148761	54158.38	53908.5	53750.12	54035.85499	-285.7349908	-79.56499077	Varney-2018	95.86500923
605515.53	5600629.26	57.23025427	54158.41	53908.43	53750.02	54035.85519	-285.8351871	-79.66518709	Varney-2018	95.76481291
605515.95	5600629.19	57.21081549	54158.44	53908.43	53749.99	54035.85628	-285.8662822	-79.69628224	Varney-2018	95.73371776
605516.46	5600629.29	57.20148709	54158.47	53908.41	53749.94	54035.85798	-285.917981	-79.74798096	Varney-2018	95.68201904
605516.8	5600629.48	57.20477834	54158.48	53908.59	53750.11	54035.85936	-285.7493595	-79.57935954	Varney-2018	95.85064046
605516.83	5600629.55	57.20917447	54158.5	53908.42	53749.92	54035.85959	-285.9395874	-79.76958739	Varney-2018	95.66041261
605517.11	5600630.48	57.27153118	54158.5	53908.59	53750.09	54035.86227	-285.7722663	-79.60226628	Varney-2018	95.82773372
605517.14	5600630.63	57.28209412	54158.49	53908.45	53749.96	54035.86265	-285.9026538	-79.73265382	Varney-2018	95.69734618
605517.19	5600630.91	57.30201147	54158.49	53908.66	53750.17	54035.86336	-285.6933596	-79.5233596	Varney-2018	95.9066404
605517.21	5600630.95	57.30442598	54158.48	53908.62	53750.14	54035.8635	-285.7234983	-79.55349826	Varney-2018	95.87650174
605517.16	5600631.09	57.31689696	54158.47	53908.58	53750.11	54035.86363	-285.7536305	-79.58363051	Varney-2018	95.84636949
605517.2	5600631.16	57.32095458	54158.45	53908.69	53750.24	54035.86389	-285.6238879	-79.45388788	Varney-2018	95.97611212
605517.17	5600631.19	57.32427327	54158.45	53908.46	53750.01	54035.86386	-285.8538595	-79.68385947	Varney-2018	95.74614053
605517.15	5600631.24	57.32879923	54158.45	53908.52	53750.07	54035.8639	-285.7939004	-79.6239004	Varney-2018	95.8060996
605517.11	5600631.51	57.35096122	54158.45	53908.69	53750.24	54035.86432	-285.6243214	-79.45432144	Varney-2018	95.97567856
605516.95	5600632.48	57.43113562	54158.46	53909.51	53751.05	54035.86579	-284.8157859	-78.64578587	Varney-2018	96.78421413
605516.11	5600634.11	57.585111	54158.47	53907.46	53748.99	54035.86656	-286.8765634	-80.70656341	Varney-2018	94.72343659
605516.31	5600634.44	57.60384239	54158.49	53899.52	53741.03	54035.86781	-294.8378107	-88.66781069	Varney-2018	86.76218931
605516.14	5600634.94	57.6481458	54158.5	53898.41	53739.91	54035.86831	-295.9583069	-89.78830688	Varney-2018	85.64169312
605516.03	5600635.19	57.67114289	54158.52	53904.58	53746.06	54035.86848	-289.8084812	-83.63848122	Varney-2018	91.79151878
605514.77	5600634.54	57.6634046	54158.52	53895.55	53737.03	54035.86347	-298.8334728	-92.66347276	Varney-2018	82.76652724
605513.99	5600634.45	57.68271112	54158.51	53895.34	53736.83	54035.861	-299.0309954	-92.86099539	Varney-2018	82.56900461
605514.27	5600634.01	57.63929617	54158.52	53894.51	53735.99	54035.86094	-299.8709439	-93.70094394	Varney-2018	81.72905606
605513.28	5600634.21	57.68806081	54158.54	53896.01	53737.47	54035.85843	-298.3884258	-92.21842583	Varney-2018	83.21157417
605512.32	5600633.46	57.66236158	54158.55	53894.58	53736.03	54035.85411	-299.8241057	-93.65410569	Varney-2018	81.77589431
605511.04	5600629.06	57.36483504	54158.57	53899.3	53740.73	54035.84159	-295.1115897	-88.94158972	Varney-2018	86.48841028
605508.47	5600634.04	57.83674594	54158.58	53898.73	53740.15	54035.84392	-295.6939185	-89.52391849	Varney-2018	85.90608151
605508.85	5600635.06	57.90301236	54158.59	53893.05	53734.46	54035.84706	-301.3870627	-95.21706267	Varney-2018	80.21293733
605509.03	5600635.89	57.9612668	54158.6	53895.59	53736.99	54035.84924	-298.8592409	-92.68924095	Varney-2018	82.74075905
605508.24	5600637.86	58.14064593	54158.61	53899.52	53740.91	54035.85082	-294.9408212	-88.77082117	Varney-2018	86.65917883
605510.78	5600636.16	57.92314102	54158.62	53896.72	53738.1	54035.85494	-297.7549366	-91.58493658	Varney-2018	83.84506342
605510.17	5600637.22	58.0258096	54158.63	53894.53	53735.9	54035.85524	-299.955244	-93.78524402	Varney-2018	81.64475598
605511.25	5600636.94	57.96764581	54158.63	53902.02	53743.39	54035.85787	-292.467873	-86.29787299	Varney-2018	89.13212701
605510.89	5600637.56	58.02779777	54158.64	53898.33	53739.69	54035.85804	-296.1680436	-89.99804356	Varney-2018	85.43195644
605510.7	5600638.25	58.0876374	54158.64	53900.39	53741.75	54035.85885	-294.1088543	-87.93885433	Varney-2018	87.49114567
605511.14	5600639.86	58.19735298	54158.64	53909.55	53750.91	54035.86335	-284.9533533	-78.78335329	Varney-2018	96.64664671
605510.74	5600638.77	58.12653857	54158.64	53895.29	53736.65	54035.86001	-299.2100058	-93.04000583	Varney-2018	82.38999417
605509.52	5600638.21	58.12446912	54158.65	53898.84	53740.19	54035.85529	-295.6652928	-89.49529281	Varney-2018	85.93470719
605511.16	5600638.72	58.10844618	54158.65	53892.8	53734.15	54035.86115	-301.7111461	-95.54114609	Varney-2018	79.88885391
605509.93	5600641.72	58.38244758	54158.65	53888.17	53729.52	54035.86348	-306.343475	-100.173475	Varney-2018	75.25652499
605509.54	5600642.78	58.47782487	54158.65	53891.15	53732.5	54035.86443	-303.3644276	-97.19442757	Varney-2018	78.23557243
605509.79	5600640.27	58.27489478	54158.65	53887.03	53728.38	54035.86018	-307.4801812	-101.3101812	Varney-2018	74.11981878
605511.52	5600641.68	58.32529109	54158.64	53883.41	53724.77	54035.86809	-311.0980943	-104.9280943	Varney-2018	70.50190575
605511.69	5600643.58	58.46651191	54158.62	53886.13	53727.51	54035.87237	-308.3623749	-102.1923749	Varney-2018	73.23762505
605512.21	5600643.74	58.46116157	54158.6	53883.92	53725.32	54035.87423	-310.5542311	-104.3842311	Varney-2018	71.04576888
605512.31	5600643.59	58.44615109	54158.58	53893.71	53735.13	54035.87423	-300.7442285	-94.57422849	Varney-2018	80.85577151
605512.59	5600641.61	58.28349924	54158.56	53894.7	53736.14	54035.87112	-299.731117	-93.56111699	Varney-2018	81.86888301
605512.72	5600645.06	58.54583668	54158.54	53899.82	53741.28	54035.87837	-294.5983662	-88.42836616	Varney-2018	87.00163384
605512.45	5600647.08	58.71127235	54158.54	53896.73	53738.19	54035.88159	-297.691586	-91.52158598	Varney-2018	83.90841402

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605511.99	5600647.85	58.7865907	54158.55	53897.03	53738.48	54035.88176	-297.401755	-91.23175503	Varney-2018	84.19824497
605512.52	5600649.45	58.89214727	54158.56	53895	53736.44	54035.88651	-299.4465087	-93.27650866	Varney-2018	82.15349134
605512.81	5600651.34	59.02831116	54158.57	53895.91	53737.34	54035.89113	-298.5511295	-92.38112946	Varney-2018	83.04887054
605511.98	5600653.87	59.25261231	54158.58	53893.49	53734.91	54035.8937	-300.9836988	-94.81369877	Varney-2018	80.61630123
605512.12	5600656.59	59.45816165	54158.59	53898.66	53740.07	54035.89952	-295.8295249	-89.65952494	Varney-2018	85.77047506
605512.55	5600657.56	59.51825259	54158.58	53893.15	53734.57	54035.90273	-301.3327335	-95.16273351	Varney-2018	80.26726649
605513.51	5600658.37	59.5475042	54158.57	53890.5	53731.93	54035.9072	-303.9772018	-97.80720182	Varney-2018	77.62279818
605513.7	5600659.07	59.59498948	54158.58	53887.09	53728.51	54035.90916	-307.3991609	-101.2291609	Varney-2018	74.20083906
605512.59	5600660.05	59.70940702	54158.59	53886.38	53727.79	54035.90781	-308.1178068	-101.9478068	Varney-2018	73.48219323
605513.39	5600661.47	59.73267687	54158.58	53883.12	53724.54	54035.91457	-311.3745705	-105.2045705	Varney-2018	70.22542951
605513.16	5600662.2	59.70607981	54158.57	53874.66	53716.09	54035.91775	-319.8277541	-113.6577541	Varney-2018	61.7722459
605512.84	5600663.66	59.64792954	54158.59	53867	53708.41	54035.92454	-327.5145403	-121.3445403	Varney-2018	54.08545975
605512.92	5600665.62	59.55217927	54158.61	53870.74	53712.13	54035.93517	-323.8051659	-117.6351659	Varney-2018	57.79483412
605512.93	5600667.47	59.46407382	54158.61	53861.25	53702.64	54035.945	-333.3050004	-127.1350004	Varney-2018	48.29499958
605512.4	5600666.05	59.54963593	54158.62	53865.54	53706.92	54035.9359	-329.0159035	-122.8459035	Varney-2018	52.58409648
605509.08	5600667.26	59.60572075	54158.62	53868.87	53710.25	54035.93249	-325.6824892	-119.5124892	Varney-2018	55.9175108
605507.52	5600670.42	59.50727651	54158.62	53866.04	53707.42	54035.94467	-328.5246688	-122.3546688	Varney-2018	53.07533122
605506.3	5600669.32	59.60156903	54158.61	53863.49	53704.88	54035.93522	-331.0552168	-124.8852168	Varney-2018	50.54478317
605505.5	5600670.03	59.59448282	54158.6	53864.68	53706.08	54035.93663	-329.8566317	-123.6866317	Varney-2018	51.74336831
605505.22	5600670.39	59.58658813	54158.57	53866.98	53708.41	54035.93772	-327.5277212	-121.3577212	Varney-2018	54.07227885
605505.45	5600671.17	59.54115185	54158.54	53866.55	53708.01	54035.94255	-327.9325511	-121.7625511	Varney-2018	53.66744892
605506.59	5600673.43	59.39385328	54158.49	53857.22	53698.73	54035.95793	-337.227933	-131.057933	Varney-2018	44.37206697
605507.11	5600674.31	59.33410904	54158.44	53860.09	53701.65	54035.96414	-334.3141421	-128.1441421	Varney-2018	47.28585791
605507.12	5600673.69	59.36358631	54158.42	53863.89	53705.47	54035.96087	-330.4908749	-124.3208749	Varney-2018	51.10912506
605507.05	5600675.76	59.26638269	54158.4	53861.75	53703.35	54035.97168	-332.6216757	-126.4516757	Varney-2018	48.97832432
605507.04	5600676.23	59.2441121	54158.39	53863.87	53705.48	54035.97415	-330.4941454	-124.3241454	Varney-2018	51.10585457
605506.56	5600675.63	59.28893953	54158.37	53858.17	53699.8	54035.96955	-336.1695458	-129.9995458	Varney-2018	45.43045418
605505.85	5600675.36	59.32558565	54158.37	53867.88	53709.51	54035.96602	-326.4560247	-120.2860247	Varney-2018	55.14397531
605505.4	5600678.17	59.20492377	54158.38	53869.63	53711.25	54035.97966	-324.7296582	-118.5596582	Varney-2018	56.8703418
605504.38	5600677.83	59.2550291	54158.39	53871.85	53713.46	54035.97486	-322.5148606	-116.3448606	Varney-2018	59.08513938
605502.06	5600675.72	59.43430171	54158.41	53875.74	53717.33	54035.95681	-318.6268139	-112.4568139	Varney-2018	62.9731861
605500.19	5600674.77	59.54291742	54158.4	53879.4	53721	54035.94625	-314.9462536	-108.7762536	Varney-2018	66.65374639
605498.6	5600672.49	59.70776095	54158.39	53876.29	53717.9	54035.9294	-318.0294014	-111.8594014	Varney-2018	63.57059857
605497.6	5600673.06	59.71337564	54158.4	53877.36	53718.96	54035.9295	-316.9695029	-110.7995029	Varney-2018	64.6304971
605497.67	5600673.58	59.68547824	54158.41	53883.15	53724.74	54035.93249	-311.1924883	-105.0224883	Varney-2018	70.40751174
605496	5600673.96	59.72268796	54158.41	53876.27	53717.86	54035.92961	-318.069608	-111.899608	Varney-2018	63.53039197
605496.32	5600674.28	59.69621065	54158.4	53884.19	53725.79	54035.93226	-310.1422607	-103.9722607	Varney-2018	71.45773927
605491.43	5600677.63	59.692753	54158.4	53883.86	53725.46	54035.93585	-310.4758511	-104.3058511	Varney-2018	71.12414889
605493.47	5600674.96	59.75774692	54158.4	53882.16	53723.76	54035.92752	-312.1675248	-105.9975248	Varney-2018	69.4324752
605493.24	5600675.04	59.7614476	54158.4	53883.19	53724.79	54035.92728	-311.1372777	-104.9672777	Varney-2018	70.4627223
605493.32	5600675.07	59.75729192	54158.39	53883.56	53725.17	54035.92767	-310.7576734	-104.5876734	Varney-2018	70.84232656
605492.63	5600675.38	59.76489102	54158.38	53884.66	53726.28	54035.92731	-309.647308	-103.477308	Varney-2018	71.95269201
605492.79	5600673.3	59.86288083	54158.37	53895.36	53736.99	54035.91663	-298.9266307	-92.75663075	Varney-2018	82.67336925
605491.73	5600670.87	60.01941617	54158.37	53892.08	53733.71	54035.90048	-302.1904809	-96.02048094	Varney-2018	79.40951906
605490.07	5600673.4	59.9490959	54158.36	53894.47	53736.11	54035.90916	-299.799163	-93.62916298	Varney-2018	81.80083702
605487.09	5600674.47	59.99516842	54158.34	53896.84	53738.5	54035.90615	-297.4061465	-91.23614652	Varney-2018	84.19385348
605486.76	5600675.09	59.97498038	54158.31	53907.79	53749.48	54035.90851	-286.4285102	-80.25851022	Varney-2018	95.17148978
605486.39	5600676.23	59.92987896	54158.29	53901.67	53743.38	54035.91355	-292.5335543	-86.36355426	Varney-2018	89.06644574
605484.4	5600677.21	59.94637427	54158.26	53897.2	53738.94	54035.91299	-296.9729914	-90.80299138	Varney-2018	84.62700862
605482.64	5600676.32	60.04984108	54158.25	53897.57	53739.32	54035.90304	-296.583036	-90.41303599	Varney-2018	85.01696401
605480.67	5600675.93	60.13513965	54158.24	53892.53	53734.29	54035.89515	-301.6051521	-95.43515212	Varney-2018	79.99484788
605479.34	5600674.72	60.24126028	54158.24	53901.46	53743.22	54035.88472	-292.6647159	-86.49471594	Varney-2018	88.93528406
605477.53	5600675.07	60.28369414	54158.25	53897.52	53739.27	54035.88129	-296.6112884	-90.4412884	Varney-2018	84.9887116
605475.62	5600675.36	60.33241196	54158.25	53898.01	53739.76	54035.87725	-296.1172463	-89.94724635	Varney-2018	85.48275365
605473.68	5600675.25	60.40272178	54158.25	53898.6	53740.35	54035.87095	-295.5209533	-89.3509533	Varney-2018	86.0790467
605471.52	5600675.42	60.46584278	54158.24	53900.08	53741.84	54035.86553	-294.0255309	-87.85553086	Varney-2018	87.57446914
605470.8	5600675.93	60.46324135	54158.23	53897.39	53739.16	54035.86618	-296.7061827	-90.53618269	Varney-2018	84.89381731
605470.32	5600676.04	60.47345959	54158.23	53897.86	53739.63	54035.86537	-296.2353706	-90.06537062	Varney-2018	85.36462938
605472.13	5600677.37	60.34420158	54158.23	53888.78	53730.55	54035.87789	-305.3278911	-99.15789115	Varney-2018	76.27210885
605471.69	5600677.56	60.34887559	54158.22	53886.69	53728.47	54035.87763	-307.4076316	-101.2376316	Varney-2018	74.19236839
605471.1	5600678.9	60.2985977	54158.21	53883.28	53725.07	54035.88317	-310.8131696	-104.6431696	Varney-2018	70.78683045
605469.95	5600680.98	60.22786056	54158.2	53874.88	53716.68	54035.89109	-319.2110911	-113.0410911	Varney-2018	62.38890888
605469.69	5600682.33	60.16584187	54158.19	53876.76	53718.57	54035.89766	-317.3276585	-111.1576585	Varney-2018	64.27234148
605468.55	5600683.31	60.15161562	54158.2	53881	53722.8	54035.89966	-313.0996559	-106.9296559	Varney-2018	68.50034414

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605469.15	5600684.9	60.04901381	54158.21	53878.23	53720.02	54035.91004	-315.8900356	-109.7200356	Varney-2018	65.70996441
605469.18	5600686.92	59.94241919	54158.22	53869.88	53711.66	54035.92109	-324.2610887	-118.0910887	Varney-2018	57.33891128
605469.1	5600688.06	59.88535956	54158.23	53867.85	53709.62	54035.92705	-326.3070454	-120.1370454	Varney-2018	55.29295458
605468.69	5600689.36	59.83038882	54158.22	53856.33	53698.11	54035.93292	-337.8229158	-131.6529158	Varney-2018	43.77708423
605468.39	5600690.56	59.77706072	54158.21	53856.86	53698.65	54035.93856	-337.2885643	-131.1185643	Varney-2018	44.31143575
605468.25	5600691.69	59.72228246	54158.21	53857.83	53699.62	54035.9443	-336.3242968	-130.1542968	Varney-2018	45.27570318
605468.73	5600692.57	59.66110538	54158.21	53858.54	53700.33	54035.95046	-335.6204618	-129.4504618	Varney-2018	45.97953822
605468.79	5600692.49	59.66340828	54158.22	53854.87	53696.65	54035.9502	-339.3002006	-133.1302006	Varney-2018	42.29979944
605467.22	5600687.82	59.95792799	54158.23	53855.16	53696.93	54035.92029	-338.9902903	-132.8202903	Varney-2018	42.60970974
605466.6	5600685.7	60.08918354	54158.22	53855.02	53696.8	54035.90697	-339.1069674	-132.9369674	Varney-2018	42.49303264
605466.47	5600685.2	60.1196598	54158.21	53855.47	53697.26	54035.90387	-338.6438712	-132.4738712	Varney-2018	42.95612878
605464.23	5600685.08	60.19816049	54158.2	53866.27	53708.07	54035.8967	-327.8267045	-121.6567045	Varney-2018	53.7732955
605464.23	5600686.88	60.1030491	54158.18	53859.42	53701.24	54035.9065	-334.6665023	-128.4965023	Varney-2018	46.93349772
605461.78	5600688.28	60.10716162	54158.16	53857.03	53698.87	54035.90702	-337.0370208	-130.8670208	Varney-2018	44.56297922
605463.08	5600681.46	60.42696344	54158.14	53858.86	53700.72	54035.87364	-335.1536434	-128.9836434	Varney-2018	46.44635661
605463.5	5600683.27	60.31747293	54158.14	53857.02	53698.88	54035.88473	-337.0047254	-130.8347254	Varney-2018	44.59527459
605463.95	5600685.7	60.17440436	54158.13	53856.21	53698.08	54035.89927	-337.8192655	-131.6492655	Varney-2018	43.78073449
605465.32	5600685.65	60.13298274	54158.13	53861.95	53703.82	54035.90298	-332.0829752	-125.9129752	Varney-2018	49.51702478
605465.78	5600687.38	60.02707192	54158.14	53860.18	53702.04	54035.91372	-333.8737211	-127.7037211	Varney-2018	47.72627892
605465.81	5600688.67	59.95817562	54158.14	53859.52	53701.38	54035.92082	-334.5408239	-128.3708239	Varney-2018	47.05917613
605465.78	5600688.51	59.96755735	54158.15	53858.92	53700.77	54035.91987	-335.1498668	-128.9798668	Varney-2018	46.45013325
605464.98	5600690.46	59.89015993	54158.15	53861.82	53703.67	54035.92816	-332.2581582	-126.0881582	Varney-2018	49.34184177
605466.06	5600691.28	59.81283645	54158.14	53861.89	53703.75	54035.93574	-332.185741	-126.015741	Varney-2018	49.41425901
605466.78	5600692.37	59.7328407	54158.14	53858.83	53700.69	54035.94375	-335.2537467	-129.0837467	Varney-2018	46.34625334
605468	5600694.26	59.59543268	54158.13	53857.36	53699.23	54035.95754	-336.7275352	-130.5575352	Varney-2018	44.87246484
605467.54	5600695.12	59.56466263	54158.12	53874.93	53716.81	54035.96088	-319.1508826	-112.9808826	Varney-2018	62.4491174
605467.43	5600693.74	59.64051416	54158.1	53874.11	53716.01	54035.95307	-319.9430673	-113.7730673	Varney-2018	61.65693268
605466.97	5600694.04	59.63913631	54158.1	53874.07	53715.97	54035.95337	-319.9833718	-113.8133718	Varney-2018	61.61662818
605467.18	5600695.27	59.56798683	54158.11	53873.81	53715.7	54035.96066	-320.2606615	-114.0906615	Varney-2018	61.33933853
605467.3	5600695.92	59.53013066	54158.11	53866.06	53707.95	54035.96454	-328.0145391	-121.8445391	Varney-2018	53.58546094
605467.34	5600697.1	59.46694583	54158.1	53860.73	53702.63	54035.97107	-333.3410663	-127.1710663	Varney-2018	48.25893372
605467.49	5600697.9	59.42032916	54158.11	53866.32	53708.21	54035.97584	-327.7658441	-121.5958441	Varney-2018	53.83415591
605467.34	5600698.65	59.38557896	54158.12	53885.14	53727.02	54035.97949	-308.9594891	-102.7894891	Varney-2018	72.64051095
605466.04	5600700.67	59.31918772	54158.11	53886.39	53728.28	54035.98674	-307.7067448	-101.5367448	Varney-2018	73.89325518
605465.64	5600700.87	59.3208505	54158.1	53891.88	53733.78	54035.98669	-302.2066877	-96.0366877	Varney-2018	79.3933123
605464.68	5600699.56	59.41926243	54158.1	53894.53	53736.43	54035.97681	-299.5468116	-93.3768116	Varney-2018	82.0531884
605463.36	5600700.38	59.41627542	54158.1	53884.72	53726.62	54035.97749	-309.3574946	-103.1874946	Varney-2018	72.24250544
605461.78	5600700.2	59.47407405	54158.08	53882.91	53724.83	54035.97199	-311.1419897	-104.9719897	Varney-2018	70.45801032
605459.65	5600698.83	59.61223327	54158.06	53880.81	53722.75	54035.95841	-313.2084144	-107.0384144	Varney-2018	68.39158563
605458.17	5600701.01	59.54101762	54158.05	53876.13	53718.08	54035.96608	-317.8860752	-111.7160752	Varney-2018	63.71392484
605457.62	5600700.28	59.59687919	54158.03	53869.39	53711.36	54035.96051	-324.6005137	-118.4305137	Varney-2018	56.99948629
605455.75	5600698.21	59.76531727	54158.03	53865.39	53707.36	54035.94384	-328.58384	-122.41384	Varney-2018	53.01616004
605454.18	5600697.99	59.83575066	54158.03	53853.45	53695.42	54035.93786	-340.5178587	-134.3478587	Varney-2018	41.08214127
605453.29	5600701.02	59.77662612	54158.01	53840.58	53682.57	54035.94985	-353.3798451	-147.2098451	Varney-2018	28.22015486
605454.33	5600701.29	59.64288487	54157.98	53829.03	53671.05	54035.95662	-364.90662	-158.73662	Varney-2018	16.69338005
605454.27	5600707.33	59.32156119	54157.96	53827.16	53669.2	54035.98943	-366.7894313	-160.6194313	Varney-2018	14.81056874
605454.51	5600709.29	59.20606642	54157.94	53809.8	53651.86	54036.00091	-384.1409092	-177.9709092	Varney-2018	-2.540909153
605453.8	5600709.24	59.27468246	54157.94	53807.19	53649.25	54035.99743	-386.7474288	-180.5774288	Varney-2018	-5.147428847
605453.84	5600709.28	59.26775285	54157.93	53805.62	53647.69	54035.99786	-388.3078565	-182.1378565	Varney-2018	-6.707856479
605453.25	5600710.7	59.26205105	54157.93	53800.93	53643	54036.00253	-393.002535	-186.832535	Varney-2018	-11.40253497
605453.53	5600714.18	59.04154173	54157.92	53792.44	53634.52	54036.02302	-401.5030239	-195.3330239	Varney-2018	-19.9030239
605452.26	5600716.21	59.08667857	54157.9	53789.1	53631.2	54036.02742	-404.8274226	-198.6574226	Varney-2018	-23.22742256
605451.21	5600713.76	59.3441638	54157.88	53792.32	53634.44	54036.00853	-401.5685342	-195.3985342	Varney-2018	-19.96853415
605450.36	5600713.05	59.48427439	54157.88	53801.6	53643.72	54036.0002	-392.2802023	-186.1102023	Varney-2018	-10.6802023
605451.75	5600715.92	59.16403107	54157.89	53786.91	53629.02	54036.02315	-407.0031512	-200.8331512	Varney-2018	-25.40315119
605450.99	5600718.23	59.13381118	54157.88	53796.42	53638.54	54036.03173	-397.4917278	-191.3217278	Varney-2018	-15.89172784
605450.59	5600718.61	59.16250868	54157.87	53804.8	53646.93	54036.03168	-389.1016809	-182.9316809	Varney-2018	-7.501680851
605450.8	5600721.2	58.99973894	54157.86	53816.48	53658.62	54036.0469	-377.4268974	-171.2568974	Varney-2018	4.17310261
605450.86	5600722.6	58.9182209	54157.84	53813.45	53655.61	54036.05484	-380.4448411	-174.2748411	Varney-2018	1.155158873
605450.23	5600721.46	59.05602821	54157.84	53823.27	53665.43	54036.04528	-370.6152844	-164.4452844	Varney-2018	10.98471565
605451.48	5600720.94	58.93003075	54157.83	53819.99	53662.16	54036.04909	-373.8890923	-167.7190923	Varney-2018	7.7109077
605452.39	5600720.23	58.85623527	54157.82	53829.65	53671.83	54036.05005	-364.2200493	-158.0500493	Varney-2018	17.37995068
605450.14	5600723	58.9858417	54157.8	53836.8	53679	54036.05319	-357.0531852	-150.8831852	Varney-2018	24.54681476
605449.22	5600723.16	59.09091657	54157.78	53848.52	53690.74	54036.04916	-345.3091551	-139.1391551	Varney-2018	36.29084489

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605447.1	5600724.07	59.30527368	54157.75	53847.12	53689.37	54036.04279	-346.6727926	-140.5027926	Varney-2018	34.92720735
605446.07	5600726.38	59.31342978	54157.74	53855.97	53698.23	54036.0498	-337.8197967	-131.6497967	Varney-2018	43.78020327
605445.96	5600732.68	59.00221149	54157.72	53851.24	53693.52	54036.08329	-342.5632878	-136.3932878	Varney-2018	39.03671223
605445.33	5600733.12	59.05903833	54157.71	53847.7	53689.99	54036.08226	-346.0922647	-139.9222647	Varney-2018	35.50773531
605443.83	5600735.61	59.1214643	54157.69	53837.73	53680.04	54036.08759	-356.0475913	-149.8775913	Varney-2018	25.5524087
605441.91	5600736.37	59.32684465	54157.69	53836.44	53678.75	54036.08127	-357.3312714	-151.1612714	Varney-2018	24.26872857
605440.97	5600736.09	59.46040096	54157.7	53826.71	53669.01	54036.07467	-367.0646664	-160.8946664	Varney-2018	14.53533357
605440.04	5600736.03	59.58156261	54157.69	53822.31	53664.62	54036.0693	-371.4492999	-165.2792999	Varney-2018	10.15070013
605438.95	5600737.57	59.64314155	54157.68	53813.31	53655.63	54036.07165	-380.4416516	-174.2716516	Varney-2018	1.158348412
605437.28	5600738.74	59.79212572	54157.67	53805.64	53647.97	54036.069	-388.0989982	-181.9289982	Varney-2018	-6.498998196
605436.08	5600739.96	59.87479269	54157.65	53790.89	53633.24	54036.06927	-402.8292714	-196.6592714	Varney-2018	-21.22927137
605435.94	5600740.96	59.83703621	54157.64	53790.72	53633.08	54036.07403	-402.9940269	-196.8240269	Varney-2018	-21.39402688
605434.71	5600744.51	59.78450417	54157.63	53774.47	53616.84	54036.08724	-419.2472415	-213.0772415	Varney-2018	-37.64724152
605433.88	5600746.72	59.75239332	54157.62	53765.65	53608.03	54036.09532	-428.0653204	-221.8953204	Varney-2018	-46.4653204
605430.39	5600740.16	60.56021979	54157.6	53754.63	53597.03	54036.04021	-439.0102115	-232.8402115	Varney-2018	-57.41021147
605429.78	5600738.5	60.74145743	54157.6	53753.81	53596.21	54036.02744	-439.8174421	-233.6474421	Varney-2018	-58.21744207
605427.55	5600737.68	61.07535162	54157.59	53766.77	53609.18	54036.01069	-426.8306909	-220.6606909	Varney-2018	-45.23069089
605426.71	5600738.82	61.10282709	54157.58	53786.21	53628.63	54036.01284	-407.3828442	-201.2128442	Varney-2018	-25.78284424
605427.08	5600740.33	60.95370848	54157.57	53792.85	53635.28	54036.02366	-400.7436625	-194.5736625	Varney-2018	-19.14366252
605427.18	5600742.95	60.76301917	54157.57	53778.1	53620.53	54036.03952	-415.5095151	-209.3395151	Varney-2018	-33.90951512
605426.78	5600745.46	60.63779845	54157.56	53763.02	53605.46	54036.05216	-430.5921596	-224.4221596	Varney-2018	-48.9921596
605424.47	5600747.7	60.74034674	54157.55	53764.84	53607.29	54036.05375	-428.7637483	-222.5937483	Varney-2018	-47.16374828
605422.35	5600747.66	60.97875377	54157.54	53761.89	53604.35	54036.04291	-431.6929085	-225.5229085	Varney-2018	-50.09290854
605420.66	5600749.24	61.04336252	54157.54	53775.89	53618.35	54036.04411	-417.6941096	-211.5241096	Varney-2018	-36.09410958
605418.72	5600752.63	60.98016366	54157.54	53791.21	53633.67	54036.0555	-402.3855029	-196.2155029	Varney-2018	-20.78550286
605417.39	5600752.94	61.09228049	54157.54	53798.16	53640.62	54036.05105	-395.4310502	-189.2610502	Varney-2018	-13.83105025
605418.02	5600753.69	60.96586589	54157.55	53800.19	53642.64	54036.05873	-393.4187286	-187.2487286	Varney-2018	-11.81872865
605417.25	5600756.97	60.77194704	54157.55	53801.84	53644.29	54036.07555	-391.7855478	-185.6155478	Varney-2018	-10.18554782
605416.72	5600759.02	60.65146813	54157.55	53798.14	53640.59	54036.08594	-395.4959406	-189.3259406	Varney-2018	-13.8959406
605415.73	5600760.76	60.59599531	54157.54	53793.25	53635.71	54036.09241	-400.3824114	-194.2124114	Varney-2018	-18.78241141
605414.72	5600765.74	60.25562176	54157.53	53793.96	53636.43	54036.11949	-399.6894935	-193.5194935	Varney-2018	-18.08949351
605413.97	5600766.61	60.24196019	54157.5	53793.06	53635.56	54036.12183	-400.5618319	-194.3918319	Varney-2018	-18.96183192
605412.62	5600766.33	60.37863383	54157.47	53799.05	53641.58	54036.1143	-394.5343024	-188.3643024	Varney-2018	-12.93430241
605412.13	5600766.82	60.37481553	54157.45	53814.33	53656.88	54036.11538	-379.2353778	-173.0653778	Varney-2018	2.364622163
605412.51	5600766.67	60.3570921	54157.42	53808.93	53651.51	54036.11602	-384.6060221	-178.4360221	Varney-2018	-3.006022102
605412.15	5600765.25	60.51564566	54157.38	53808.73	53651.35	54036.10534	-384.7553378	-178.5853378	Varney-2018	-3.155337773
605411.28	5600766.85	60.44196495	54157.34	53813.73	53656.39	54036.11197	-379.7219723	-173.5519723	Varney-2018	1.878027721
605409.02	5600767.96	60.52178296	54157.33	53825.27	53667.94	54036.1097	-368.1697001	-161.9997001	Varney-2018	13.43029991
605407.41	5600766.88	60.75715506	54157.32	53837.95	53680.63	54036.09579	-355.4657852	-149.2957852	Varney-2018	26.13421484
605405.73	5600767.21	60.86204411	54157.32	53846.31	53688.99	54036.09089	-347.1008865	-140.9308865	Varney-2018	34.49911349
605405.09	5600767.84	60.85043962	54157.31	53855.21	53697.9	54036.09243	-338.1924263	-132.0224263	Varney-2018	43.40757369
605406.46	5600771.58	60.36842578	54157.29	53852.25	53694.96	54036.12314	-341.1631419	-134.9931419	Varney-2018	40.43685814
605407.31	5600778.15	59.66051525	54157.27	53837.14	53679.87	54036.17022	-356.3002197	-150.1302197	Varney-2018	25.29978031
605406.06	5600777.93	59.76398584	54157.27	53848.52	53691.25	54036.16402	-344.9140189	-138.7440189	Varney-2018	36.6859811
605404.26	5600777.19	59.95786987	54157.26	53821.52	53664.26	54036.15219	-371.8921886	-165.7221886	Varney-2018	9.707811376
605403.58	5600778.31	59.88709389	54157.24	53819.62	53662.38	54036.1572	-373.7771964	-167.6071964	Varney-2018	7.822803614
605402.87	5600779.42	59.81696985	54157.22	53814.71	53657.49	54036.16208	-378.6720848	-172.5020848	Varney-2018	2.927915158
605403.15	5600779.62	59.7783921	54157.21	53809.05	53651.84	54036.16449	-384.3244915	-178.1544915	Varney-2018	-2.724491503
605402.33	5600779.74	59.81737016	54157.19	53809.48	53652.29	54036.16226	-383.8722587	-177.7022587	Varney-2018	-2.272258678
605402.49	5600779.05	59.87997381	54157.19	53797.2	53640.01	54036.15814	-396.1481378	-189.9781378	Varney-2018	-14.54813779
605403.62	5600779.43	59.76847462	54157.18	53792.82	53635.64	54036.16495	-400.5249518	-194.3549518	Varney-2018	-18.9249518
605403.28	5600780.1	59.72023587	54157.19	53786.35	53629.16	54036.16824	-407.0082412	-200.8382412	Varney-2018	-25.40824117
605404.31	5600780.46	59.61919427	54157.2	53783.19	53625.99	54036.17449	-410.1844916	-204.0144916	Varney-2018	-28.58449157
605404.75	5600781.71	59.4646789	54157.19	53771.28	53614.09	54036.18455	-422.094546	-215.924546	Varney-2018	-40.494546
605404.63	5600781.84	59.4585896	54157.17	53759.69	53602.52	54036.18499	-433.6649865	-227.4949865	Varney-2018	-52.06498653
605403.81	5600783.72	59.31327873	54157.16	53762.24	53605.08	54036.19476	-431.1147557	-224.9447557	Varney-2018	-49.51475567
605403.2	5600784.44	59.27288969	54157.15	53767.32	53610.17	54036.19748	-426.0274845	-219.8574845	Varney-2018	-44.42748446
605403.57	5600786.47	59.04183141	54157.13	53762.74	53605.61	54036.21258	-430.6025781	-224.4325781	Varney-2018	-49.00257809
605403.64	5600787.33	58.94908298	54157.11	53760.08	53602.97	54036.21866	-433.248658	-227.078658	Varney-2018	-51.64865799
605404.26	5600788.68	58.77868693	54157.08	53749.53	53592.45	54036.22991	-443.7799074	-237.6099074	Varney-2018	-62.17990744
605402.93	5600792.07	58.48961364	54157.05	53737.81	53580.76	54036.24855	-455.4885459	-249.3185459	Varney-2018	-73.88854587
605403.47	5600793.68	58.29858288	54157.03	53744.46	53587.43	54036.26123	-448.8312292	-242.6612292	Varney-2018	-67.23122923
605402.6	5600793.65	58.3381119	54157.01	53733.93	53576.92	54036.25827	-459.338273	-253.168273	Varney-2018	-77.73827296
605399.96	5600794.23	58.38533287	54157	53727.16	53570.16	54036.25394	-466.0939436	-259.9239436	Varney-2018	-84.49394359

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605398.89	5600792.24	58.64950001	54156.98	53724.88	53567.9	54036.2367	-468.336696	-262.166696	Varney-2018	-86.73669596
605398.01	5600793.12	58.5896092	54156.97	53724.47	53567.5	54036.24003	-468.7400344	-262.5700344	Varney-2018	-87.14003439
605395.03	5600793.6	58.66078636	54156.95	53713.11	53556.16	54036.23397	-480.0739672	-273.9039672	Varney-2018	-98.47396721
605393.85	5600789.26	59.22368342	54156.94	53728.88	53571.94	54036.19907	-464.2590712	-258.0890712	Varney-2018	-82.65907116
605392.66	5600789.02	59.31017848	54156.93	53740.85	53583.92	54036.19336	-452.2733631	-246.1033631	Varney-2018	-70.67336312
605391.9	5600785.57	59.76554686	54156.93	53745.88	53588.95	54036.16578	-447.2157789	-241.0457789	Varney-2018	-65.61577895
605390.93	5600783.08	60.12345766	54156.92	53745.33	53588.41	54036.14423	-447.7342288	-241.5642288	Varney-2018	-66.13422883
605390.21	5600786.51	59.74048864	54156.9	53728.99	53572.09	54036.16677	-464.0767726	-257.9067726	Varney-2018	-82.47677259
605389.3	5600787.41	59.67572497	54156.88	53719.44	53562.56	54036.17026	-473.6102595	-267.4402595	Varney-2018	-92.01025954
605388.38	5600786.5	59.83802128	54156.88	53715.88	53559	54036.16039	-477.1603871	-270.9903871	Varney-2018	-95.56038713
605387.81	5600787.38	59.75590943	54156.87	53722.88	53566.01	54036.16495	-470.1549516	-263.9849516	Varney-2018	-88.55495161
605386.93	5600789.1	59.57965561	54156.86	53720.31	53563.45	54036.17477	-472.7247719	-266.5547719	Varney-2018	-91.12477194
605386.99	5600789.86	59.4789768	54156.85	53720.73	53563.88	54036.18064	-472.3006376	-266.1306376	Varney-2018	-90.70063761
605385.76	5600791.96	59.26347237	54156.82	53720.93	53564.11	54036.19232	-472.0823163	-265.9123163	Varney-2018	-90.48231634
605384.88	5600789.13	59.67554845	54156.78	53717.62	53560.84	54036.16814	-475.3281399	-269.1581399	Varney-2018	-93.72813993
605383.27	5600788.38	59.85456266	54156.77	53717.37	53560.6	54036.15705	-475.5570538	-269.3870538	Varney-2018	-93.95705384
605383.16	5600793.44	59.18001096	54156.75	53714.82	53558.07	54036.19517	-478.1251733	-271.9551733	Varney-2018	-96.52517335
605383.13	5600794.58	59.02801661	54156.75	53716.16	53559.41	54036.20375	-476.7937514	-270.6237514	Varney-2018	-95.19375136
605383.12	5600794.87	58.98942973	54156.75	53716.1	53559.35	54036.20593	-476.8559265	-270.6859265	Varney-2018	-95.25592654
605383.07	5600794.37	59.05869493	54156.75	53715.59	53558.84	54036.20197	-477.3619656	-271.1919656	Varney-2018	-95.76196557
605383.37	5600801.16	58.13608161	54156.76	53715.65	53558.89	54036.2545	-477.3644996	-271.1944996	Varney-2018	-95.76449958
605383.04	5600804.42	57.7074528	54156.78	53718.22	53561.44	54036.27837	-474.8383685	-268.6683685	Varney-2018	-93.23836849
605382.8	5600804.68	57.67852367	54156.8	53717.92	53561.12	54036.27969	-475.159694	-268.989694	Varney-2018	-93.55969396
605382.8	5600803.97	57.77432751	54156.81	53717.46	53560.65	54036.27428	-475.6242829	-269.4542829	Varney-2018	-94.0242829
605382.89	5600802.6	57.9566341	54156.82	53717.99	53561.17	54036.26409	-475.0940944	-268.9240944	Varney-2018	-93.49409438
605382.93	5600801.24	58.13874424	54156.79	53717.37	53560.58	54036.25385	-475.6738488	-269.5038488	Varney-2018	-94.07384883
605383.12	5600801.05	58.15850883	54156.75	53717.56	53560.81	54036.25295	-475.4429467	-269.2729467	Varney-2018	-93.84294672
605383.28	5600800.95	58.16701566	54156.73	53716.95	53560.22	54036.25265	-476.0326454	-269.8626454	Varney-2018	-94.43264542
605383.42	5600801.05	58.14929431	54156.71	53716.49	53559.78	54036.25381	-476.4738072	-270.3038072	Varney-2018	-94.87380716
605383.07	5600801.21	58.13852003	54156.69	53712.94	53556.25	54036.25402	-480.004021	-273.834021	Varney-2018	-98.40402099
605382.54	5600801.48	58.11813322	54156.66	53709.65	53552.99	54036.25456	-483.2645648	-277.0945648	Varney-2018	-101.6645648
605382.3	5600801.17	58.16741266	54156.66	53707.21	53550.55	54036.25151	-485.7015118	-279.5315118	Varney-2018	-104.1015118
605382.11	5600801.05	58.18953105	54156.65	53705.99	53549.34	54036.25005	-486.9100499	-280.7400499	Varney-2018	-105.3100499
605381.78	5600803.76	57.82983171	54156.65	53706.05	53549.4	54036.26987	-486.8698674	-280.6998674	Varney-2018	-105.2698674
605381.85	5600803.38	57.87978603	54156.64	53705.98	53549.34	54036.26715	-486.9271501	-280.7571501	Varney-2018	-105.3271501
605382.14	5600800.4	58.2769632	54156.64	53705.48	53548.84	54036.24517	-487.405165	-281.235165	Varney-2018	-105.805165
605382.18	5600799.87	58.3477057	54156.64	53704.98	53548.34	54036.24123	-487.9012284	-281.7312284	Varney-2018	-106.3012284
605382.31	5600798.16	58.57548207	54156.63	53706.21	53549.58	54036.22854	-486.6485416	-280.4785416	Varney-2018	-105.0485416
605381.32	5600798.68	58.53887256	54156.61	53704.33	53547.72	54036.22958	-488.5095817	-282.3395817	Varney-2018	-106.9095817
605380.22	5600798.22	58.6404408	54156.6	53710.45	53553.85	54036.22277	-482.3727695	-276.2027695	Varney-2018	-100.7727695
605379.48	5600796.8	58.86502799	54156.59	53727.04	53570.45	54036.20955	-465.759553	-259.589553	Varney-2018	-84.15955296
605378.82	5600796.98	58.86415603	54156.59	53729.54	53572.95	54036.20895	-463.2589484	-257.0889484	Varney-2018	-81.6589484
605377.81	5600797.32	58.86157493	54156.6	53730.38	53573.78	54036.20832	-462.4283171	-256.2583171	Varney-2018	-80.82831714
605377.26	5600799.77	58.54218775	54156.61	53728.89	53572.28	54036.22556	-463.9455626	-257.7755626	Varney-2018	-82.34556264
605377.17	5600800.02	58.51127163	54156.63	53699.09	53542.46	54036.22721	-493.7672084	-287.5972084	Varney-2018	-112.1672084
605377.38	5600799.32	58.59993506	54156.62	53703.96	53547.34	54036.22246	-488.8824584	-282.7124584	Varney-2018	-107.2824584
605377.57	5600800.83	58.3763068	54156.61	53706.93	53550.32	54036.23488	-485.9148839	-279.7448839	Varney-2018	-104.3148839
605377.58	5600801.18	58.32619691	54156.6	53684.43	53527.83	54036.23765	-508.4076483	-302.2376483	Varney-2018	-126.8076483
605377.07	5600801.11	58.3616981	54156.58	53700.43	53543.85	54036.23538	-492.3853764	-286.2153764	Varney-2018	-110.7853764
605376.32	5600800.2	58.52854299	54156.58	53712.16	53555.58	54036.22573	-480.6457323	-274.4757323	Varney-2018	-99.04573235
605375.71	5600800.86	58.46544557	54156.58	53726.58	53570	54036.22882	-466.2288211	-260.0588211	Varney-2018	-84.62882115
605376.48	5600801.57	58.32598222	54156.57	53755.05	53598.48	54036.23697	-437.7569715	-231.5869715	Varney-2018	-56.15697155
605376.56	5600801.84	58.28364937	54156.56	53757.53	53600.97	54036.23935	-435.2693501	-229.0993501	Varney-2018	-53.66935008
605376.6	5600803.6	58.03182089	54156.56	53770.09	53613.53	54036.25323	-422.7232261	-216.5532261	Varney-2018	-41.12322611
605376.51	5600802.86	58.14134247	54156.56	53776.91	53620.35	54036.24715	-415.8971451	-209.7271451	Varney-2018	-34.29714506
605375.75	5600802.93	58.16922463	54156.56	53767.69	53611.13	54036.24513	-425.1151277	-218.9451277	Varney-2018	-43.51512775
605375.44	5600803.31	58.13061568	54156.56	53771.81	53615.25	54036.24705	-420.9970513	-214.8270513	Varney-2018	-39.39705126
605374.53	5600803.59	58.13595466	54156.54	53759.23	53602.69	54036.24617	-433.5561727	-227.3861727	Varney-2018	-51.95617271
605375.38	5600804.97	57.8975253	54156.51	53759.73	53603.22	54036.25982	-433.0398207	-226.8698207	Varney-2018	-51.43982069
605375.27	5600805.74	57.79342953	54156.49	53768.56	53612.07	54036.26547	-424.1954684	-218.0254684	Varney-2018	-42.59546837
605376.48	5600807.18	57.5295083	54156.46	53793.34	53636.88	54036.28077	-399.4007743	-193.2307743	Varney-2018	-17.80077432
605376.89	5600808.96	57.25692589	54156.45	53798.25	53641.8	54036.29604	-394.4960415	-188.3260415	Varney-2018	-12.89604148
605376.59	5600810.45	57.05995821	54156.43	53811.34	53654.91	54036.30667	-381.3966727	-175.2266727	Varney-2018	0.203327255
605376.83	5600812.93	56.71305226	54156.43	53818.05	53661.62	54036.32639	-374.7063916	-168.5363916	Varney-2018	6.8936084

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605376.41	5600811.9	56.86273897	54156.43	53831.2	53674.77	54036.3174	-361.5473954	-155.3773954	Varney-2018	20.05260458
605376.59	5600811.74	56.87684246	54156.43	53843.07	53686.64	54036.31674	-349.6767442	-143.5067442	Varney-2018	31.92325578
605373.91	5600815	56.82036515	54156.43	53847.27	53690.84	54036.32591	-345.4859141	-139.3159141	Varney-2018	36.11408587
605374.53	5600814.7	56.79572657	54156.43	53866.28	53709.85	54036.32663	-326.4766285	-120.3066285	Varney-2018	55.12337151
605374.13	5600815.94	56.79568139	54156.42	53868.13	53711.71	54036.33082	-324.6208194	-118.4508194	Varney-2018	56.97918062
605373.43	5600816.37	56.82182654	54156.41	53866.43	53710.02	54036.33043	-326.3104261	-120.1404261	Varney-2018	55.28957387
605372.36	5600814.55	56.90038172	54156.4	53865.24	53708.84	54036.31879	-327.4787902	-121.3087902	Varney-2018	54.12120982
605369.86	5600815.1	57.00934854	54156.39	53866.52	53710.13	54036.31299	-326.1829887	-120.0129887	Varney-2018	55.41701131
605371.43	5600819.96	56.85804114	54156.37	53871.3	53714.93	54036.33987	-321.4098664	-115.2398664	Varney-2018	60.19013357
605371.92	5600822.39	56.79718143	54156.37	53873.92	53717.55	54036.35231	-318.8023071	-112.6323071	Varney-2018	62.79769293
605372.8	5600826.14	56.69898798	54156.36	53875	53718.64	54036.37187	-317.7318732	-111.5618732	Varney-2018	63.86812678
605371.93	5600827.62	56.71405034	54156.36	53879.53	53723.17	54036.37567	-313.2056681	-107.0356681	Varney-2018	68.39433189
605371.51	5600824.58	56.78084346	54156.35	53881	53724.65	54036.36075	-311.7107487	-105.5407487	Varney-2018	69.88925128
605370.67	5600825.08	56.81024684	54156.34	53881.8	53725.46	54036.36026	-310.9002644	-104.7302644	Varney-2018	70.69973555
605369.4	5600826.17	56.8487946	54156.32	53875.44	53719.12	54036.36104	-317.2410389	-111.0710389	Varney-2018	64.35896108
605369.09	5600827.65	56.83802012	54156.31	53876.84	53720.53	54036.36667	-315.8366691	-109.6666691	Varney-2018	65.7633309
605368.55	5600828.73	56.84367145	54156.29	53871.73	53715.44	54036.36977	-320.9297748	-114.7597748	Varney-2018	60.6702252
605367.54	5600828.78	56.88680112	54156.28	53867.5	53711.22	54036.36676	-325.1467588	-118.9767588	Varney-2018	56.45324119
605367.02	5600827.84	56.92548089	54156.27	53875.7	53719.43	54036.36087	-316.9308663	-110.7608663	Varney-2018	64.66913372
605365.71	5600828.9	56.96436908	54156.26	53879.18	53722.92	54036.36143	-313.4414284	-107.2714284	Varney-2018	68.15857164
605365.29	5600828.39	56.99156982	54156.24	53879.86	53723.62	54036.35778	-312.7377834	-106.5677834	Varney-2018	68.86221663
605364.41	5600831.77	56.97000383	54156.23	53886.37	53730.14	54036.37021	-306.2302076	-100.0602076	Varney-2018	75.36979241
605364.55	5600834.25	56.92011295	54156.21	53894.1	53737.89	54036.38184	-298.4918406	-92.3218406	Varney-2018	83.1081594
605364.61	5600833.2	56.9361579	54156.2	53896.43	53740.23	54036.37729	-296.147295	-89.97729497	Varney-2018	85.45270503
605364.35	5600834.05	56.93208867	54156.19	53911.22	53755.03	54036.3803	-281.350304	-75.18030401	Varney-2018	100.249696
605363.14	5600835.84	56.95078364	54156.19	53923.1	53766.91	54036.38456	-269.4745571	-63.30455714	Varney-2018	112.1254429
605362.83	5600838.32	56.91871597	54156.18	53951.18	53795	54036.39479	-241.3947933	-35.22479332	Varney-2018	140.2052067
605362.5	5600836	56.97456491	54156.15	53956.74	53800.59	54036.38326	-235.7932587	-29.6232587	Varney-2018	145.8067413
605363.65	5600837.63	56.89740599	54156.12	53943.58	53787.46	54036.39425	-248.934254	-42.764254	Varney-2018	132.665746
605362.37	5600836.61	56.96884213	54156.11	53918.36	53762.25	54036.38561	-274.1356087	-67.96560867	Varney-2018	107.4643913
605362.15	5600837.67	56.95855736	54156.1	53922.11	53766.01	54036.38971	-270.3797134	-64.20971338	Varney-2018	111.2202866
605362.06	5600838.62	56.94484396	54156.1	53931.63	53775.53	54036.39373	-260.8637314	-54.69373145	Varney-2018	120.7362686
605361.24	5600839.61	56.9600979	54156.1	53940.12	53784.02	54036.39564	-252.3756438	-46.20564376	Varney-2018	129.2243562
605359.92	5600834.46	57.11117912	54156.08	53940.09	53784.01	54036.36811	-252.3581135	-46.18811355	Varney-2018	129.2418865
605358	5600833.25	57.21540929	54156.06	53961.02	53804.96	54036.35652	-231.3965163	-25.22651626	Varney-2018	150.2034837
605359.3	5600835.32	57.12087842	54156.05	53972.97	53816.92	54036.37006	-219.4500585	-13.28005854	Varney-2018	162.1499415
605359.08	5600838.71	57.06531003	54156.04	53968.26	53812.22	54036.38478	-224.1647804	-17.9947804	Varney-2018	157.4352196
605358.28	5600840.12	57.0708616	54156.03	53971.7	53815.67	54036.38869	-220.7186884	-14.54868844	Varney-2018	160.8813116
605356.97	5600839.26	57.14096817	54156.01	53969.22	53813.21	54036.38066	-223.1706634	-17.00066336	Varney-2018	158.4293366
605356.52	5600840.6	57.13286004	54156	53971.25	53815.25	54036.38537	-221.1353696	-14.96536957	Varney-2018	160.4646304
605354.84	5600840.24	57.20815995	54155.98	53966.11	53810.13	54036.37847	-226.2484675	-20.07846755	Varney-2018	155.3515325
605354.92	5600838.83	57.23336087	54155.98	53965.63	53809.65	54036.37227	-226.7222653	-20.55226527	Varney-2018	154.8777347
605355.14	5600837.15	57.25815267	54155.97	53964.63	53808.66	54036.36527	-227.7052702	-21.53527021	Varney-2018	153.8947298
605355.39	5600838.95	57.21170869	54155.97	53964.89	53808.92	54036.37429	-227.4542897	-21.28428968	Varney-2018	154.1457103
605355.49	5600839.3	57.20060668	54155.96	53964.79	53808.83	54036.3762	-227.5462039	-21.37620394	Varney-2018	154.0537961
605355.57	5600839	57.20334315	54155.95	53964.79	53808.84	54036.37508	-227.5350833	-21.36508327	Varney-2018	154.0649167
605355.7	5600839.58	57.18643979	54155.94	53964.58	53808.64	54036.37814	-227.7381425	-21.56814248	Varney-2018	153.8618575
605355.82	5600840.09	57.17137735	54155.92	53964.41	53808.49	54036.38085	-227.8908494	-21.72084945	Varney-2018	153.7091506
605355.82	5600840.56	57.16200334	54155.9	53964.5	53808.6	54036.383	-227.7829975	-21.61299746	Varney-2018	153.8170025
605355.9	5600840.69	57.15617289	54155.9	53964.59	53808.69	54036.38384	-227.6938417	-21.52384175	Varney-2018	153.9061583
605356.44	5600841.89	57.11057622	54155.9	53964.32	53808.42	54036.39101	-227.9710095	-21.80100952	Varney-2018	153.6289905
605356.48	5600842.05	57.10580568	54155.88	53964.31	53808.43	54036.39186	-227.9618648	-21.79186479	Varney-2018	153.6381352
605356.69	5600842.82	57.08219478	54155.86	53964.53	53808.67	54036.39603	-227.726034	-21.55603403	Varney-2018	153.873966
605356.73	5600843.72	57.06285788	54155.85	53965.29	53809.44	54036.40027	-226.9602662	-20.79026615	Varney-2018	154.6397338
605356.74	5600844	57.05694258	54155.83	53965.12	53809.29	54036.40158	-227.1115751	-20.94157513	Varney-2018	154.4884249
605356.6	5600843.84	57.06564858	54155.82	53966.11	53810.29	54036.40041	-226.1104101	-19.94041012	Varney-2018	155.4895899
605356.81	5600844.1	57.05220008	54155.8	53964.7	53808.9	54036.40225	-227.5022488	-21.33224878	Varney-2018	154.0977512
605356.76	5600844.29	57.05043619	54155.79	53965.21	53809.42	54036.40296	-226.9829607	-20.81296073	Varney-2018	154.6170393
605357.11	5600844.32	57.0360066	54155.78	53964.79	53809.01	54036.40418	-227.3941834	-21.22418342	Varney-2018	154.2058166
605357.44	5600844.54	57.01866255	54155.77	53965.41	53809.64	54036.40621	-226.7662102	-20.59621019	Varney-2018	154.8337898
605357.59	5600844.31	57.017223	54155.75	53964.62	53808.87	54036.40563	-227.5356269	-21.36562692	Varney-2018	154.0643731
605357.83	5600843.47	57.0240532	54155.74	53964.18	53808.44	54036.40254	-227.962544	-21.79254398	Varney-2018	153.637456
605358.09	5600843.44	57.0142973	54155.72	53964.24	53808.52	54036.40322	-227.8832154	-21.71321542	Varney-2018	153.7167846
605358.29	5600843.76	57.00016503	54155.72	53964.93	53809.21	54036.40529	-227.1952942	-21.02529416	Varney-2018	154.4047058

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605358.44	5600843.99	56.98978011	54155.71	53964.71	53809	54036.40681	-227.4068071	-21.23680711	Varney-2018	154.1931929
605358.4	5600843.93	56.99252198	54155.7	53964.69	53808.99	54036.40641	-227.4164098	-21.24640978	Varney-2018	154.1835902
605358.48	5600843.83	56.99127706	54155.69	53964.5	53808.81	54036.4062	-227.596203	-21.42620296	Varney-2018	154.003797
605358.32	5600843.74	56.99936062	54155.69	53964.55	53808.86	54036.4053	-227.5452963	-21.37529628	Varney-2018	154.0547037
605357.87	5600843.84	57.01527813	54155.7	53965.28	53809.58	54036.40435	-226.8243541	-20.65435412	Varney-2018	154.7756459
605356.98	5600843.55	57.0562747	54155.69	53959.5	53803.81	54036.40027	-232.5902671	-26.42026714	Varney-2018	149.0097329
605355.34	5600843.04	57.13167676	54155.67	53948.71	53793.04	54036.39284	-243.3528384	-37.18283838	Varney-2018	138.2471616
605354.11	5600845.63	57.12791958	54155.66	53939.52	53783.86	54036.40088	-252.540879	-46.37087896	Varney-2018	129.059121
605353.27	5600845.86	57.15611159	54155.65	53936.66	53781.01	54036.39934	-255.3893357	-49.21933572	Varney-2018	126.2106643
605352.83	5600847.38	57.14185185	54155.65	53928.31	53772.66	54036.40495	-263.7449531	-57.57495305	Varney-2018	117.8550469
605351.81	5600847.79	57.17278042	54155.64	53924.04	53768.4	54036.4037	-268.003695	-61.83369502	Varney-2018	113.596305
605351.35	5600849.27	57.15934175	54155.64	53921.53	53765.89	54036.40909	-270.5190879	-64.34908786	Varney-2018	111.0809121
605350.46	5600848.19	57.21642646	54155.63	53928.78	53773.15	54036.40138	-263.2513816	-57.08138159	Varney-2018	118.3486184
605349.09	5600848.58	57.26078079	54155.61	53926.1	53770.49	54036.39897	-265.9089679	-59.7389679	Varney-2018	115.6910321
605348.63	5600850.9	57.2279112	54155.59	53931.61	53776.02	54036.40827	-260.3882708	-54.21827076	Varney-2018	121.2117292
605347.03	5600851.64	57.27204093	54155.58	53925.66	53770.08	54036.40681	-266.3268051	-60.15680515	Varney-2018	115.2731949
605345.55	5600852.82	57.3011306	54155.56	53933.17	53777.61	54036.40776	-258.797763	-52.62776303	Varney-2018	122.802237
605343	5600848.87	57.48817148	54155.55	53935.94	53780.39	54036.3816	-255.9916026	-49.82160262	Varney-2018	125.6083974
605340.88	5600849.86	57.54597421	54155.54	53938.53	53782.99	54036.37972	-253.3897168	-47.21971682	Varney-2018	128.2102832
605339.34	5600850.58	57.58726671	54155.54	53938.17	53782.63	54036.37837	-253.7483689	-47.57836885	Varney-2018	127.8516311
605337.25	5600851.77	57.6371357	54155.54	53939.76	53784.22	54036.37756	-252.1575634	-45.98756335	Varney-2018	129.4424366
605335.66	5600852.49	57.67887408	54155.52	53932.82	53777.3	54036.3761	-259.0761009	-52.90610089	Varney-2018	122.5238991
605334.58	5600853.96	57.68197569	54155.49	53923.92	53768.43	54036.37974	-267.9497415	-61.77974146	Varney-2018	113.6502585
605333.63	5600857.25	57.63282511	54155.49	53922.27	53766.78	54036.39239	-269.61239	-63.44239	Varney-2018	111.98761
605333.23	5600860	57.57651575	54155.48	53919.11	53763.63	54036.40418	-272.7741756	-66.60417558	Varney-2018	108.8258244
605331.56	5600861.5	57.59656272	54155.45	53913	53757.55	54036.40628	-278.8562764	-72.68627637	Varney-2018	102.7437236
605330.24	5600862.09	57.62728938	54155.42	53911.89	53756.47	54036.40514	-279.9351351	-73.76513508	Varney-2018	101.6648649
605329.19	5600863.96	57.61393305	54155.39	53910.11	53754.72	54036.41089	-281.6908903	-75.52089031	Varney-2018	99.90910969
605328.35	5600865.19	57.60970335	54155.35	53902.55	53747.2	54036.41425	-289.2142483	-83.04424829	Varney-2018	92.38575171
605327.61	5600865.5	57.62656887	54155.32	53898.02	53742.7	54036.41353	-293.7135341	-87.54353415	Varney-2018	87.88646585
605325.86	5600866.47	57.65943803	54155.28	53898.42	53743.14	54036.41299	-293.2729887	-87.10298872	Varney-2018	88.32701128
605325.54	5600866.9	57.65835161	54155.25	53900.62	53745.37	54036.4141	-291.0440982	-84.87409815	Varney-2018	90.55590185
605327.16	5600867.89	57.57666076	54155.22	53909.78	53754.56	54036.42359	-281.8635924	-75.69359242	Varney-2018	99.73640758
605327.93	5600869.54	57.50615223	54155.2	53912.46	53757.26	54036.43371	-279.1737118	-73.00371183	Varney-2018	102.4262882
605327.32	5600870.15	57.50969147	54155.18	53909.83	53754.65	54036.43483	-281.7848305	-75.61483048	Varney-2018	99.81516952
605326.8	5600870.74	57.51064001	54155.16	53910.84	53755.68	54036.43612	-280.7561218	-74.58612185	Varney-2018	100.8438782
605326.18	5600870.28	57.54362346	54155.14	53912.61	53757.47	54036.43211	-278.9621149	-72.79211486	Varney-2018	102.6378851
605326.23	5600868.69	57.58577075	54155.14	53908.44	53753.3	54036.42467	-283.124674	-76.95467404	Varney-2018	98.47532596
605325.22	5600868	57.63856801	54155.13	53917.02	53761.89	54036.41841	-274.5284112	-68.35841115	Varney-2018	107.0715888
605324.68	5600867.65	57.6664147	54155.11	53912.13	53757.02	54036.41515	-279.3951492	-73.22514922	Varney-2018	102.2048508
605325.11	5600868.07	57.64030047	54155.08	53916.74	53761.66	54036.41842	-274.7584222	-68.5884222	Varney-2018	106.8415778
605323.69	5600866.49	57.73233268	54155.08	53911.86	53756.78	54036.40668	-279.62668	-73.45667999	Varney-2018	101.97332
605322.92	5600865.27	57.79303202	54155.07	53914.15	53759.08	54036.39856	-277.3185585	-71.14855847	Varney-2018	104.2814415
605323.3	5600866.82	57.73619598	54155.05	53919.91	53764.86	54036.40711	-271.5471103	-65.37711027	Varney-2018	110.0528897
605322.8	5600866.95	57.7493821	54155.03	53911.83	53756.8	54036.40626	-279.6062591	-73.43625914	Varney-2018	101.9937409
605322.9	5600867.14	57.74061392	54155	53916.93	53761.93	54036.40746	-274.4774649	-68.3074649	Varney-2018	107.1225351
605322.74	5600869.34	57.68344021	54154.96	53912.63	53757.67	54036.41754	-278.7475436	-72.57754358	Varney-2018	102.8524564
605322.6	5600871.09	57.6382478	54154.94	53911.39	53756.45	54036.42553	-279.975527	-73.80552696	Varney-2018	101.624473
605322.16	5600870.25	57.6766333	54154.91	53917.71	53762.8	54036.42021	-273.6202106	-67.45021064	Varney-2018	107.9797894
605321.51	5600871.95	57.64912563	54154.89	53918.81	53763.92	54036.42648	-272.5064756	-66.33647561	Varney-2018	109.0935244
605323.04	5600876.42	57.47271355	54154.87	53915.72	53760.85	54036.45236	-275.602361	-69.43236098	Varney-2018	105.997639
605323.62	5600879.97	57.35441003	54154.84	53915.28	53760.44	54036.47104	-276.0310363	-69.86103627	Varney-2018	105.5689637
605321.62	5600878.66	57.45281168	54154.8	53913.6	53758.8	54036.45903	-277.6590253	-71.4890253	Varney-2018	103.9409747
605322.52	5600877.1	57.46961226	54154.79	53913.48	53758.69	54036.45412	-277.7641235	-71.59412347	Varney-2018	103.8358765
605322.59	5600879.94	57.38656181	54154.78	53913.32	53758.54	54036.46795	-277.9279472	-71.75794717	Varney-2018	103.6720528
605323.07	5600878.97	57.39947506	54154.77	53913.47	53758.7	54036.46467	-277.7646703	-71.59467032	Varney-2018	103.8353297
605323.19	5600877.32	57.44252918	54154.75	53914.36	53759.61	54036.45711	-276.8471067	-70.67710673	Varney-2018	104.7528933
605323.94	5600875.38	57.47380053	54154.74	53911.88	53757.14	54036.44998	-279.3099774	-73.13997738	Varney-2018	102.2900226
605325.64	5600875.37	57.42041808	54154.73	53917.7	53762.97	54036.45484	-273.4848438	-67.3148438	Varney-2018	108.1151562
605326.18	5600879.45	57.29095031	54154.73	53912.4	53757.67	54036.47587	-278.8058749	-72.63587492	Varney-2018	102.7941251
605327.08	5600880.69	57.22960198	54154.73	53902.84	53748.11	54036.48436	-288.3743614	-82.20436136	Varney-2018	93.22563864
605327.98	5600881.93	57.16882668	54154.71	53905.61	53750.9	54036.49283	-285.5928326	-79.4228326	Varney-2018	96.0071674
605328.89	5600883.17	57.10832877	54154.69	53906.58	53751.89	54036.50132	-284.611317	-78.44131701	Varney-2018	96.98868299
605325.35	5600884.08	57.1877183	54154.69	53905.89	53751.2	54036.49562	-285.2956196	-79.12561956	Varney-2018	96.30438044

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605324.52	5600887.9	57.10517729	54154.69	53906.68	53751.99	54036.51154	-284.521542	-78.35154198	Varney-2018	97.07845802
605323.29	5600891.8	57.29067826	54154.68	53907.81	53753.13	54036.51985	-283.3898546	-77.21985463	Varney-2018	98.21014537
605322.3	5600894.2	57.45074504	54154.67	53909.27	53754.6	54036.52327	-281.9232734	-75.75327338	Varney-2018	99.67672662
605322.55	5600894.54	57.46311246	54154.66	53905.74	53751.08	54036.52483	-285.4448325	-79.27483248	Varney-2018	96.15516752
605323.59	5600895.76	57.50432433	54154.65	53904.88	53750.23	54036.5308	-286.3008044	-80.13080438	Varney-2018	95.29919562
605324.29	5600896.01	57.50044514	54154.62	53901.14	53746.52	54036.53335	-290.0133548	-83.8433548	Varney-2018	91.5866452
605325.06	5600896.87	57.52938797	54154.59	53901.72	53747.13	54036.53764	-289.4076431	-83.23764309	Varney-2018	92.19235691
605325.63	5600897.77	57.56605726	54154.58	53900.14	53745.56	54036.54148	-290.9814774	-84.81147738	Varney-2018	90.61852262
605326.3	5600898.81	57.60860752	54154.57	53895.22	53740.65	54036.54593	-295.8959267	-89.72592669	Varney-2018	85.70407331
605326.97	5600899.86	57.65222608	54154.55	53902.27	53747.72	54036.55039	-288.8303881	-82.66038806	Varney-2018	92.76961194
605326.79	5600896.7	57.47601727	54154.52	53899.31	53744.79	54036.54192	-291.7519242	-85.58192422	Varney-2018	89.84807578
605327.05	5600881	57.22203541	54154.51	53901.34	53746.83	54036.48575	-289.6557532	-83.48575323	Varney-2018	91.94424677
605326.39	5600881.56	57.22651536	54154.49	53903.11	53748.62	54036.48654	-287.8665422	-81.69654221	Varney-2018	93.73345779
605328.63	5600885.65	57.04924071	54154.48	53900.73	53746.25	54036.51237	-290.2623726	-84.09237258	Varney-2018	91.33762742
605331.03	5600892.68	57.13299419	54154.46	53902	53747.54	54036.54349	-289.0034863	-82.83348627	Varney-2018	92.59651373
605331.61	5600891.77	57.06393383	54154.45	53901.29	53746.84	54036.54283	-289.7028322	-83.53283216	Varney-2018	91.89716784
605331.61	5600891.77	57.06393383	54154.44	53897.1	53742.66	54036.54283	-293.8828322	-87.71283216	Varney-2018	87.71716784
605331.61	5600891.77	57.06393383	54154.44	53898.36	53743.92	54036.54283	-292.6228322	-86.45283216	Varney-2018	88.97716784
605331.61	5600891.77	57.06393383	54154.45	53899.51	53745.06	54036.54283	-291.4828322	-85.31283216	Varney-2018	90.11716784
605331.61	5600891.77	57.06393383	54154.47	53902.52	53748.05	54036.54283	-288.4928322	-82.32283216	Varney-2018	93.10716784
605331.61	5600891.77	57.06393383	54154.49	53896.17	53741.68	54036.54283	-294.8628322	-88.69283216	Varney-2018	86.73716784
605331.61	5600891.77	57.06393383	54154.49	53890.99	53736.5	54036.54283	-300.0428322	-93.87283216	Varney-2018	81.55716784
605331.61	5600891.77	57.06393383	54154.48	53893.09	53738.61	54036.54283	-297.9328322	-91.76283216	Varney-2018	83.66716784
605331.61	5600891.77	57.06393383	54154.49	53890.32	53735.83	54036.54283	-300.7128322	-94.54283216	Varney-2018	80.88716784
605331.61	5600891.77	57.06393383	54154.5	53890.38	53735.88	54036.54283	-300.6628322	-94.49283216	Varney-2018	80.93716784
605331.61	5600891.77	57.06393383	54154.49	53890.76	53736.27	54036.54283	-300.2728322	-94.10283216	Varney-2018	81.32716784
605331.61	5600891.77	57.06393383	54154.48	53890.75	53736.27	54036.54283	-300.2728322	-94.10283216	Varney-2018	81.32716784
605331.61	5600891.77	57.06393383	54154.49	53890.81	53736.32	54036.54283	-300.2228322	-94.05283216	Varney-2018	81.37716784
605331.61	5600891.77	57.06393383	54154.51	53890.82	53736.31	54036.54283	-300.2328322	-94.06283216	Varney-2018	81.36716784
605331.61	5600891.77	57.06393383	54154.49	53886.75	53732.26	54036.54283	-304.2828322	-98.11283216	Varney-2018	77.31716784
605331.61	5600891.77	57.06393383	54154.47	53883.06	53728.59	54036.54283	-307.9528322	-101.7828322	Varney-2018	73.64716784
605331.61	5600891.77	57.06393383	54154.47	53875.9	53721.43	54036.54283	-315.1128322	-108.9428322	Varney-2018	66.48716784
605331.61	5600891.77	57.06393383	54154.48	53869.72	53715.24	54036.54283	-321.3028322	-115.1328322	Varney-2018	60.29716784
605331.61	5600891.77	57.06393383	54154.48	53856.77	53702.29	54036.54283	-334.2528322	-128.0828322	Varney-2018	47.34716784
605331.61	5600891.77	57.06393383	54154.49	53855.06	53700.57	54036.54283	-335.9728322	-129.8028322	Varney-2018	45.62716784
605331.61	5600891.77	57.06393383	54154.49	53846.88	53692.39	54036.54283	-344.1528322	-137.9828322	Varney-2018	37.44716784
605331.61	5600891.77	57.06393383	54154.48	53847.05	53692.57	54036.54283	-343.9728322	-137.8028322	Varney-2018	37.62716784
605331.61	5600891.77	57.06393383	54154.48	53834.46	53679.98	54036.54283	-356.5628322	-150.3928322	Varney-2018	25.03716784
605331.61	5600891.77	57.06393383	54154.47	53833.3	53678.83	54036.54283	-357.7128322	-151.5428322	Varney-2018	23.88716784
605324.53	5600897.31	57.56754977	54154.35	53831.56	53677.21	54036.53732	-359.3273204	-153.1573204	Varney-2018	22.2726796
605324.6	5600897.07	57.55226805	54154.34	53829.37	53675.03	54036.5369	-361.5068997	-155.3368997	Varney-2018	20.09310025
605324.31	5600897.55	57.58656849	54154.33	53825.26	53670.93	54036.53733	-365.6073339	-159.4373339	Varney-2018	15.99266608
605323.46	5600897.96	57.6307535	54154.32	53814.89	53660.57	54036.53607	-375.9660732	-169.7960732	Varney-2018	5.63392684
605322.13	5600898.5	57.69375922	54154.3	53825.3	53671	54036.53385	-365.5338528	-159.3638528	Varney-2018	16.06614717
605322.64	5600897.24	57.61105205	54154.27	53820.69	53666.42	54036.532	-370.1120027	-163.9420027	Varney-2018	11.48799725
605321.94	5600900.04	57.78377813	54154.26	53823.03	53668.77	54036.5373	-367.7672974	-161.5972974	Varney-2018	13.83270259
605320.32	5600899.37	57.78609105	54154.25	53824.24	53669.99	54036.5312	-366.5412024	-160.3712024	Varney-2018	15.05879761
605319.17	5600898.61	57.77272439	54154.22	53824.17	53669.95	54036.52612	-366.5761247	-160.4061247	Varney-2018	15.0238753
605318.46	5600898.28	57.77232451	54154.19	53829.13	53674.94	54036.52334	-361.583344	-155.413344	Varney-2018	20.016656
605315.85	5600896.09	57.72027519	54154.15	53829.41	53675.26	54036.51052	-361.2505163	-155.0805163	Varney-2018	20.34948366
605314.37	5600896.52	57.78070252	54154.1	53821.55	53667.45	54036.50761	-369.0576119	-162.8876119	Varney-2018	12.54238808
605314.52	5600898.77	57.89563045	54154.07	53838.63	53684.56	54036.51396	-351.9539628	-145.7839628	Varney-2018	29.64603719
605313.59	5600899.24	57.94311618	54154.04	53833.13	53679.09	54036.51269	-357.4226927	-151.2526927	Varney-2018	24.17730733
605312.37	5600898.48	57.93335047	54154.01	53835.25	53681.24	54036.50738	-355.2673757	-149.0973757	Varney-2018	26.3326243
605313.29	5600897.14	57.84053692	54153.98	53838.92	53684.94	54036.50631	-351.5663123	-145.3963123	Varney-2018	30.03368769
605312.91	5600899.9	57.99415192	54153.96	53832.98	53679.02	54036.51261	-357.4926094	-151.3226094	Varney-2018	24.10739057
605311.7	5600900.69	58.06427584	54153.94	53831.42	53677.48	54036.51146	-359.0314569	-152.8614569	Varney-2018	22.56854314
605311.53	5600904.41	58.26067721	54153.92	53831.62	53677.7	54036.52093	-358.8209293	-152.6509293	Varney-2018	22.77907075
605311.21	5600904.94	58.29523656	54153.9	53834.68	53680.78	54036.5215	-355.741497	-149.571497	Varney-2018	25.858503
605311.46	5600905.3	58.308251	54153.89	53831.86	53677.97	54036.52312	-358.5531197	-152.3831197	Varney-2018	23.04688025
605309.43	5600903.75	58.27440109	54153.87	53829.9	53676.03	54036.51359	-360.4835863	-154.3135863	Varney-2018	21.11641368
605307.56	5600902.78	58.2682271	54153.85	53822.55	53668.7	54036.50599	-367.8059909	-161.6359909	Varney-2018	13.79400914
605306.32	5600903.34	58.32482507	54153.83	53834.1	53680.27	54036.50421	-356.2342061	-150.0642061	Varney-2018	25.36579387
605306.02	5600904.54	58.39139594	54153.82	53824.63	53670.81	54036.50667	-365.696673	-159.526673	Varney-2018	15.90332695

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605306.31	5600903.94	58.35496208	54153.8	53826.68	53672.88	54036.50581	-363.6258106	-157.4558106	Varney-2018	17.97418942
605306.39	5600903.55	58.33369355	54153.78	53823.71	53669.93	54036.50496	-366.5749632	-160.4049632	Varney-2018	15.02503684
605306.07	5600902.3	58.27880677	54153.76	53821.05	53667.29	54036.50071	-369.2107112	-163.0407112	Varney-2018	12.38928882
605304.67	5600903.29	58.36019865	54153.75	53824.76	53671.01	54036.49968	-365.4896777	-159.3196777	Varney-2018	16.11032229
605304.95	5600903.7	58.37401126	54153.73	53813.69	53659.96	54036.50154	-376.5415429	-170.3715429	Varney-2018	5.058457065
605304.2	5600904.24	58.41762479	54153.71	53807.86	53654.15	54036.50103	-382.351028	-176.181028	Varney-2018	-0.751027973
605303.7	5600904.83	58.45779109	54153.68	53797.93	53644.25	54036.50132	-392.2513198	-186.0813198	Varney-2018	-10.65131983
605301.93	5600908.91	58.70597857	54153.66	53802.36	53648.7	54036.50759	-387.8075878	-181.6375878	Varney-2018	-6.207587784
605299.5	5600911.3	58.91644395	54153.64	53800.04	53646.4	54036.50667	-390.1066722	-183.9366722	Varney-2018	-8.506672214
605297.56	5600912.53	59.04777834	54153.62	53802.6	53648.98	54036.50417	-387.5241747	-181.3541747	Varney-2018	-5.924174728
605300.07	5600913.87	59.01386046	54153.6	53800.68	53647.08	54036.51564	-389.4356431	-183.2656431	Varney-2018	-7.835643135
605299.29	5600913.15	59.00987418	54153.6	53808.29	53654.69	54036.51124	-381.8212379	-175.6512379	Varney-2018	-0.221237893
605297.43	5600912.84	59.06660202	54153.6	53796.33	53642.73	54036.50466	-393.7746611	-187.6046611	Varney-2018	-12.17466107
605296.78	5600912.53	59.07773693	54153.6	53806.44	53652.84	54036.50178	-383.6617783	-177.4917783	Varney-2018	-2.061778338
605295.2	5600907.52	58.92344046	54153.59	53800.98	53647.39	54036.48238	-389.0923828	-182.9223828	Varney-2018	-7.492382837
605296.27	5600907.35	58.87081279	54153.57	53803.13	53649.56	54036.48529	-386.9252892	-180.7552892	Varney-2018	-5.325289164
605295.85	5600906.48	58.85084266	54153.54	53793.33	53639.79	54036.48144	-396.691441	-190.521441	Varney-2018	-15.09144102
605293.85	5600906.08	58.92015522	54153.54	53800.41	53646.87	54036.47388	-389.6038791	-183.4338791	Varney-2018	-8.003879137
605293.83	5600906.25	58.92813878	54153.54	53805.36	53651.82	54036.47431	-384.6543132	-178.4843132	Varney-2018	-3.054313215
605293.76	5600906.86	58.95666746	54153.54	53792.8	53639.26	54036.47588	-397.2158776	-191.0458776	Varney-2018	-15.61587755
605292.36	5600907.7	59.05072747	54153.54	53784.04	53630.5	54036.4739	-405.9739018	-199.8039018	Varney-2018	-24.37390181
605292.68	5600907.97	59.04832143	54153.52	53786.23	53632.71	54036.47571	-403.7657137	-197.5957137	Varney-2018	-22.16571374
605292.6	5600913.79	59.28984796	54153.49	53779.06	53625.57	54036.49266	-410.9226596	-204.7526596	Varney-2018	-29.32265964
605291.76	5600912.5	59.26933894	54153.49	53781.6	53628.11	54036.48627	-408.3762662	-202.2062662	Varney-2018	-26.77626624
605291.12	5600912.8	59.30587277	54153.48	53789.16	53635.68	54036.4852	-400.8051951	-194.6351951	Varney-2018	-19.20519513
605290.29	5600911.73	59.29568128	54153.48	53786.54	53633.06	54036.47944	-403.4194375	-197.2494375	Varney-2018	-21.81943752
605288.04	5600910.82	59.34940674	54153.47	53781.76	53628.29	54036.46971	-408.179715	-202.009715	Varney-2018	-26.57971499
605287.5	5600909.36	59.31679507	54153.47	53784.61	53631.14	54036.46357	-405.3235717	-199.1535717	Varney-2018	-23.7235717
605286.88	5600910.43	59.38122114	54153.46	53778.56	53625.1	54036.46491	-411.3649132	-205.1949132	Varney-2018	-29.76491315
605286.55	5600910.54	59.39841853	54153.47	53773.57	53620.1	54036.46422	-416.3642238	-210.1942238	Varney-2018	-34.7642238
605285.77	5600910.39	59.42420779	54153.48	53763.81	53610.33	54036.46133	-426.1313319	-219.9613319	Varney-2018	-44.53133188
605285.06	5600909.9	59.43540995	54153.48	53768.64	53615.16	54036.4576	-421.2975968	-215.1275968	Varney-2018	-39.69759679
605284.34	5600909.42	59.4478979	54153.48	53760.61	53607.13	54036.45385	-429.3238475	-223.1538475	Varney-2018	-47.72384745
605283.62	5600908.93	59.46057348	54153.48	53764.28	53610.8	54036.45005	-425.6500527	-219.4800527	Varney-2018	-44.05005273
605288.71	5600925.86	59.89357593	54153.47	53764.47	53611	54036.51743	-425.5174285	-219.3474285	Varney-2018	-43.91742852
605288.26	5600923.69	59.82466877	54153.47	53764.92	53611.45	54036.50956	-425.059564	-218.889564	Varney-2018	-43.45956399
605288.41	5600927.2	59.95258902	54153.47	53764.7	53611.23	54036.52066	-425.2906617	-219.1206617	Varney-2018	-43.69066165
605288.21	5600930.81	60.09365103	54153.47	53764.41	53610.94	54036.5311	-425.5910961	-219.4210961	Varney-2018	-43.99109607
605287.6	5600932.62	60.17571375	54153.48	53764.46	53610.98	54036.53498	-425.5549804	-219.3849804	Varney-2018	-43.95498037
605287.91	5600934.23	60.22868297	54153.48	53765.21	53611.73	54036.54072	-424.8107174	-218.6407174	Varney-2018	-43.21071736
605287.99	5600935.34	60.26845149	54153.48	53765.04	53611.56	54036.54431	-424.9843119	-218.8143119	Varney-2018	-43.3843119
605287.84	5600935.92	60.29322372	54153.48	53756.95	53603.47	54036.54569	-433.0756904	-226.9056904	Varney-2018	-51.47569038
605289.39	5600922.12	59.73050628	54153.49	53754.06	53600.57	54036.50804	-435.9380382	-229.7680382	Varney-2018	-54.33803821
605289.15	5600926.17	59.89302753	54153.48	53751.05	53597.57	54036.5196	-438.9495992	-232.7795992	Varney-2018	-57.34959918
605289.02	5600927.56	59.94974626	54153.47	53744.36	53590.89	54036.52344	-445.6334443	-239.4634443	Varney-2018	-64.03344429
605288.8	5600929.88	60.0438743	54153.47	53751.46	53597.99	54036.52987	-438.5398701	-232.3698701	Varney-2018	-56.93987011
605289.75	5600928.29	59.95837736	54153.48	53747.37	53593.89	54036.52766	-442.637664	-236.467664	Varney-2018	-61.03766403
605288.12	5600920.82	59.7212275	54153.47	53741.91	53588.44	54036.50042	-448.0604236	-241.8904236	Varney-2018	-66.46042356
605286.75	5600922.05	59.81000444	54153.45	53740.56	53587.11	54036.50023	-449.3902255	-243.2202255	Varney-2018	-67.79022553
605286.02	5600922.43	59.84637159	54153.45	53738.11	53584.66	54036.4993	-451.8392973	-245.6692973	Varney-2018	-70.23929732
605284.57	5600924.56	59.96518917	54153.44	53738.07	53584.63	54036.50177	-451.8717748	-245.7017748	Varney-2018	-70.27177483
605283.54	5600926.03	60.04525983	54153.43	53736.14	53582.71	54036.50348	-453.7934757	-247.6234757	Varney-2018	-72.19347572
605281.86	5600923.2	59.99986782	54153.41	53741.87	53588.46	54036.48979	-448.0297948	-241.8597948	Varney-2018	-66.42979477
605281.2	5600928.17	60.17992583	54153.41	53747.81	53594.4	54036.50375	-442.1037457	-235.9337457	Varney-2018	-60.50374575
605280.69	5600933.58	60.36557303	54153.4	53753.94	53600.54	54036.51963	-435.9796344	-229.8096344	Varney-2018	-54.37963439
605280.17	5600933.66	60.3796941	54153.39	53757.04	53603.65	54036.51852	-432.8685153	-226.6985153	Varney-2018	-51.26851531
605279.18	5600932.84	60.37658436	54153.37	53758.12	53604.75	54036.51325	-431.7632515	-225.5932515	Varney-2018	-50.16325155
605277.76	5600931.71	60.37565573	54153.36	53753.19	53599.83	54036.50579	-436.6757943	-230.5057943	Varney-2018	-55.07579433
605276.29	5600937.73	60.58189192	54153.35	53756.62	53603.27	54036.52163	-433.2516305	-227.0816305	Varney-2018	-51.65163052
605275.97	5600937.57	60.58350557	54153.33	53749.49	53596.16	54036.52028	-440.3602841	-234.1902841	Varney-2018	-58.76028412
605274.48	5600931.59	60.45030837	54153.31	53747.02	53593.71	54036.49659	-442.7865941	-236.6165941	Varney-2018	-61.18659407
605273.47	5600929.88	60.42940948	54153.3	53740.02	53586.72	54036.48816	-449.7681648	-243.5981648	Varney-2018	-68.16816479
605272.96	5600931.53	60.48499372	54153.29	53732.39	53579.1	54036.49231	-457.3923104	-251.2223104	Varney-2018	-75.7923104
605272.79	5600934.08	60.55480428	54153.29	53729.45	53576.16	54036.50041	-460.3404135	-254.1704135	Varney-2018	-78.74041348

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605271.85	5600934.14	60.57693117	54153.28	53738.43	53585.15	54036.49814	-451.3481388	-245.1781388	Varney-2018	-69.74813881
605270.71	5600934.97	60.62197118	54153.28	53743.53	53590.25	54036.49796	-446.2479571	-240.0779571	Varney-2018	-64.64795706
605270.09	5600936.94	60.68188168	54153.28	53746.38	53593.1	54036.50306	-443.4030551	-237.2330551	Varney-2018	-61.8030551
605269.79	5600940.21	60.76462484	54153.28	53756.46	53603.18	54036.51346	-433.3334576	-227.1634576	Varney-2018	-51.73345757
605269	5600940.37	60.78191798	54153.27	53757.77	53604.5	54036.51202	-432.0120232	-225.8420232	Varney-2018	-50.41202322
605268.62	5600941.27	60.80876583	54153.27	53767.13	53613.86	54036.51417	-422.6541675	-216.4841675	Varney-2018	-41.05416747
605269.12	5600942.67	60.83271479	54153.26	53765.46	53612.2	54036.52022	-424.320216	-218.150216	Varney-2018	-42.72021596
605269.19	5600947.21	60.93620804	54153.26	53764.26	53611	54036.53596	-425.5359595	-219.3659595	Varney-2018	-43.9359595
605269.61	5600949.54	60.98562255	54153.26	53770.17	53616.91	54036.54493	-419.6349261	-213.4649261	Varney-2018	-38.03492609
605268.75	5600951.44	61.03745311	54153.25	53779.32	53626.07	54036.54946	-410.4794628	-204.3094628	Varney-2018	-28.87946282
605268.09	5600952.6	61.06891983	54153.23	53788.49	53635.26	54036.55196	-401.2919602	-195.1219602	Varney-2018	-19.69196023
605267.59	5600953.97	61.10269263	54153.21	53791.89	53638.68	54036.55557	-397.8755736	-191.7055736	Varney-2018	-16.27557357
605265.44	5600948.81	61.01311894	54153.19	53796.98	53643.79	54036.53268	-392.7426846	-186.5726846	Varney-2018	-11.14268464
605265.25	5600950.36	61.04618243	54153.18	53798.63	53645.45	54036.53768	-391.0876807	-184.9176807	Varney-2018	-9.487680668
605264.3	5600951.95	61.08588557	54153.16	53795.9	53642.74	54036.5411	-393.8011017	-187.6311017	Varney-2018	-12.20110169
605264.05	5600952.7	61.10228478	54153.14	53799.97	53646.83	54036.54318	-389.7131839	-183.5431839	Varney-2018	-8.113183945
605263.54	5600958.7	61.21850668	54153.11	53802.04	53648.93	54036.5633	-387.6332985	-181.4632985	Varney-2018	-6.033298505
605262.56	5600962.31	61.2864257	54153.1	53802.4	53649.3	54036.57407	-387.2740719	-181.1040719	Varney-2018	-5.674071861
605260.4	5600960.74	61.2615992	54153.08	53801.42	53648.34	54036.56395	-388.2239514	-182.0539514	Varney-2018	-6.623951355
605259.56	5600961.81	61.27968426	54153.06	53796.04	53642.98	54036.56607	-393.5860705	-187.4160705	Varney-2018	-11.98607053
605258.36	5600961.66	61.27836746	54153.03	53803.01	53649.98	54036.56304	-386.5830354	-180.4130354	Varney-2018	-4.983035428
605258.04	5600962.09	61.2848833	54153.02	53813.15	53660.13	54036.56394	-376.4339431	-170.2639431	Varney-2018	5.166056915
605257.3	5600962.63	61.29280884	54153	53807.51	53654.51	54036.5644	-382.0543955	-175.8843955	Varney-2018	-0.454395469
605257.1	5600965.05	61.33485903	54152.99	53816.95	53663.96	54036.57265	-372.6126481	-166.4426481	Varney-2018	8.987351941
605257.42	5600966.38	61.37955667	54152.97	53813.54	53660.57	54036.57749	-376.0074935	-169.8374935	Varney-2018	5.592506462
605257.46	5600967.97	61.43249445	54152.97	53820.09	53667.12	54036.5826	-369.4625961	-163.2925961	Varney-2018	12.1374039
605256.55	5600968.01	61.43062811	54152.96	53823.24	53670.28	54036.58094	-366.3009388	-160.1309388	Varney-2018	15.29906121
605254.22	5600963.76	61.30627949	54152.96	53830.96	53678	54036.56228	-358.5622802	-152.3922802	Varney-2018	23.03771978
605253.89	5600964.58	61.31533325	54152.95	53834.98	53682.03	54036.56468	-354.534676	-148.364676	Varney-2018	27.06532405
605253.65	5600965.61	61.34639154	54152.95	53835.68	53682.73	54036.56752	-353.8375212	-147.6675212	Varney-2018	27.76247877
605253.47	5600965.38	61.33895795	54152.95	53834.75	53681.8	54036.56642	-354.7664195	-148.5964195	Varney-2018	26.83358053
605252.86	5600964.23	61.31022888	54152.95	53834.59	53681.64	54036.56128	-354.9212822	-148.7512822	Varney-2018	26.67871778
605252.47	5600963.24	61.29964656	54152.94	53834.65	53681.71	54036.55676	-354.8467617	-148.6767617	Varney-2018	26.75323826
605252.3	5600962.56	61.29270275	54152.93	53834.66	53681.73	54036.55385	-354.8238491	-148.6538491	Varney-2018	26.77615087
605252.04	5600962.01	61.28728849	54152.92	53834.33	53681.41	54036.55124	-355.1412364	-148.9712364	Varney-2018	26.45876356
605251.86	5600961.92	61.28651448	54152.93	53834.43	53681.5	54036.55052	-355.0505237	-148.8805237	Varney-2018	26.54947629
605251.64	5600962.34	61.29070105	54152.94	53832.43	53679.49	54036.55166	-357.0616581	-150.8916581	Varney-2018	24.53834191
605251.88	5600962.44	61.29159935	54152.94	53833.54	53680.6	54036.55253	-355.9525311	-149.7825311	Varney-2018	25.64746888
605251.61	5600962.1	61.28840786	54152.94	53833.71	53680.77	54036.55069	-355.7806875	-149.6106875	Varney-2018	25.81931248
605251.85	5600962.8	61.29512854	54152.94	53835.02	53682.08	54036.55383	-354.4738306	-148.3038306	Varney-2018	27.12616939
605252.01	5600964.73	61.31683448	54152.93	53834.06	53681.13	54036.56138	-355.4313821	-149.2613821	Varney-2018	26.16861788
605251.48	5600964.64	61.31340228	54152.92	53833.35	53680.43	54036.56002	-356.1300213	-149.9600213	Varney-2018	25.46997872
605250.82	5600964.68	61.31363533	54152.91	53831.15	53678.24	54036.55882	-358.3188216	-152.1488216	Varney-2018	23.28117842
605249.58	5600964.45	61.30838374	54152.91	53831.65	53678.74	54036.55549	-357.8154855	-151.6454855	Varney-2018	23.78451454
605249.64	5600966.6	61.36638277	54152.91	53829.4	53676.49	54036.56276	-360.0727577	-153.9027577	Varney-2018	21.52724229
605249.48	5600967.97	61.40467054	54152.91	53828.26	53675.35	54036.56695	-361.2169493	-155.0469493	Varney-2018	20.38305068
605248.95	5600968.88	61.42823358	54152.9	53831.37	53678.47	54036.56891	-358.0989131	-151.9289131	Varney-2018	23.50108689
605248.24	5600968.42	61.41271365	54152.88	53836.54	53683.66	54036.56601	-352.9060083	-146.7360083	Varney-2018	28.69399173
605247.58	5600967.71	61.39100766	54152.86	53839.88	53687.02	54036.56236	-349.54236	-143.37236	Varney-2018	32.05764
605246.72	5600966.54	61.35710444	54152.86	53839.14	53686.28	54036.55677	-350.2767659	-144.1067659	Varney-2018	31.32323411
605246.89	5600966.28	61.35061931	54152.85	53839.35	53686.5	54036.55624	-350.0562364	-143.8862364	Varney-2018	31.54376362
605246.75	5600967.35	61.37868951	54152.85	53839.24	53686.39	54036.55953	-350.1695279	-143.9995279	Varney-2018	31.4304721
605246.87	5600967.24	61.37613255	54152.85	53842.76	53689.91	54036.5594	-346.6493976	-140.4793976	Varney-2018	34.95060236
605246.85	5600967.7	61.38831459	54152.85	53838.03	53685.18	54036.56089	-351.3808922	-145.2108922	Varney-2018	30.21910784
605247.47	5600971.92	61.50431686	54152.86	53834.68	53681.82	54036.57614	-354.7561399	-148.5861399	Varney-2018	26.84386013
605249.19	5600978.53	61.70011917	54152.86	53836.27	53683.41	54036.60119	-353.1911865	-147.0211865	Varney-2018	28.40881349
605251.87	5600984	61.88981976	54152.85	53834.88	53682.03	54036.62376	-354.5937595	-148.4237595	Varney-2018	27.00624049
605251.83	5600988.54	62.02421048	54152.84	53836.09	53683.25	54036.63846	-353.3884571	-147.2184571	Varney-2018	28.21154289
605250.89	5600989.96	62.05024454	54152.83	53835.98	53683.15	54036.64157	-353.4915743	-147.3215743	Varney-2018	28.1084257
605249.65	5600990.23	62.03657295	54152.83	53837.48	53684.65	54036.64048	-351.990482	-145.820482	Varney-2018	29.60951797
605250.07	5600990.75	62.05875179	54152.84	53834.8	53681.96	54036.64286	-354.6828572	-148.5128572	Varney-2018	26.91714283
605249.38	5600989.36	62.00735594	54152.85	53840.85	53688	54036.63719	-348.6371873	-142.4671873	Varney-2018	32.96281269
605247.92	5600988.27	61.95305193	54152.86	53839.62	53686.76	54036.63123	-349.8712259	-143.7012259	Varney-2018	31.72877415
605246.94	5600986.98	61.90282294	54152.86	53841.38	53688.52	54036.62533	-348.1053337	-141.9353337	Varney-2018	33.49466634

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605246.38	5600982.43	61.77446895	54152.85	53840.13	53687.28	54036.6092	-349.3292035	-143.1592035	Varney-2018	32.27079649
605244.49	5600981.55	61.72870951	54152.84	53830.78	53677.94	54036.60298	-358.662981	-152.492981	Varney-2018	22.93701901
605244.13	5600980.99	61.71045121	54152.83	53837.62	53684.79	54036.60046	-351.8104634	-145.6404634	Varney-2018	29.78953663
605240.87	5600978.99	61.62684343	54152.83	53839.78	53686.95	54036.58791	-349.6379063	-143.4679063	Varney-2018	31.96209369
605240.38	5600979.34	61.62967017	54152.83	53834.89	53682.06	54036.58824	-354.5282395	-148.3582395	Varney-2018	27.07176049
605239.23	5600977.81	61.58405662	54152.83	53837.15	53684.32	54036.58091	-352.260906	-146.090906	Varney-2018	29.33909404
605239.91	5600979.43	61.62670446	54152.82	53834.96	53682.14	54036.58772	-354.4477168	-148.2777168	Varney-2018	27.15228316
605238.92	5600980.09	61.63047856	54152.8	53846.86	53694.06	54036.58825	-342.5282509	-136.3582509	Varney-2018	39.07174907
605239.43	5600981.07	61.65765896	54152.78	53842.52	53689.74	54036.59254	-346.852537	-140.682537	Varney-2018	34.74746302
605238.19	5600978.52	61.58910997	54152.77	53832.35	53679.58	54036.58151	-357.0015055	-150.8315055	Varney-2018	24.5984945
605238.9	5600982.39	61.68006754	54152.76	53830.49	53677.73	54036.59619	-358.8661881	-152.6961881	Varney-2018	22.73381187
605239.15	5600984.12	61.7209229	54152.76	53827.35	53674.59	54036.60261	-362.0126081	-155.8426081	Varney-2018	19.58739187
605239.26	5600984.8	61.73729343	54152.77	53812.27	53659.5	54036.60515	-377.1051474	-170.9351474	Varney-2018	4.494852576
605239.04	5600986.49	61.77096422	54152.76	53807.44	53654.68	54036.61063	-381.9306314	-175.7606314	Varney-2018	-0.330631376
605239.55	5600988.65	61.82628653	54152.74	53809.73	53656.99	54036.61894	-379.6289389	-173.4589389	Varney-2018	1.971061059
605239.79	5600992.02	61.90507148	54152.73	53808.88	53656.15	54036.63096	-380.480959	-174.310959	Varney-2018	1.119040988
605238.24	5600992.54	61.88746626	54152.71	53806.53	53653.82	54036.63034	-382.8103448	-176.6403448	Varney-2018	-1.210344791
605237.87	5600993.37	61.89794834	54152.69	53796.57	53643.88	54036.63266	-392.7526609	-186.5826609	Varney-2018	-11.15266086
605237.74	5600995	61.92955663	54152.66	53799.92	53647.26	54036.63814	-389.3781419	-183.2081419	Varney-2018	-7.778141857
605237.13	5600993.93	61.8951555	54152.64	53793.24	53640.6	54036.63348	-396.0334784	-189.8634784	Varney-2018	-14.43347841
605237.48	5600995.17	61.92779824	54152.61	53790.67	53638.06	54036.63834	-398.5783416	-192.4083416	Varney-2018	-16.9783416
605236.65	5600995.93	61.9262172	54152.58	53787.81	53635.23	54036.63975	-401.4097504	-195.2397504	Varney-2018	-19.80975037
605236.76	5600997.63	61.963066	54152.54	53787.56	53635.02	54036.64587	-401.625868	-195.455868	Varney-2018	-20.02586796
605236.86	5600999.33	61.9999176	54152.52	53786.15	53633.63	54036.65196	-403.0219649	-196.8519649	Varney-2018	-21.42196493
605236.96	5601001.03	62.03698125	54152.5	53786.14	53633.64	54036.65806	-403.0180563	-196.8480563	Varney-2018	-21.41805628
605237.07	5601002.73	62.07450858	54152.46	53785.88	53633.42	54036.66416	-403.2441558	-197.0741558	Varney-2018	-21.64415585
605238.7	5601003.27	62.12715437	54152.42	53785.13	53632.71	54036.66829	-403.9582879	-197.7882879	Varney-2018	-22.3582879
605239.46	5601004.45	62.17250233	54152.39	53785.36	53632.97	54036.67341	-403.7034134	-197.5334134	Varney-2018	-22.10341335
605240.21	5601005.63	62.21869913	54152.35	53784.93	53632.58	54036.6785	-404.0984958	-197.9284958	Varney-2018	-22.49849575
605240.97	5601006.81	62.26627688	54152.31	53785.04	53632.73	54036.68356	-403.953562	-197.783562	Varney-2018	-22.35356204
605243.73	5601027.11	62.84352935	54152.26	53778.9	53626.64	54036.75594	-410.1159413	-203.9459413	Varney-2018	-28.51594127
605245.54	5601034.9	63.11756066	54152.22	53774.42	53622.2	54036.78386	-414.5838645	-208.4138645	Varney-2018	-32.98386454
605236.11	5601011.8	62.23099289	54152.18	53773.42	53621.24	54036.69468	-415.454683	-209.284683	Varney-2018	-33.85468299
605234.98	5601010.84	62.17772149	54152.15	53775.43	53623.28	54036.6899	-413.409897	-207.239897	Varney-2018	-31.80989704
605233.28	5601006.64	62.0501065	54152.12	53775.2	53623.08	54036.67282	-413.592821	-207.422821	Varney-2018	-31.99282101
605231.36	5601003.36	61.94149859	54152.09	53777.51	53625.42	54036.65851	-411.2385065	-205.0685065	Varney-2018	-29.63850646
605230.09	5601001.79	61.88366578	54152.06	53782.58	53630.52	54036.65109	-406.1310892	-199.9610892	Varney-2018	-24.53108915
605229.42	5601001.53	61.86310462	54152.03	53781.46	53629.43	54036.64921	-407.2192084	-201.0492084	Varney-2018	-25.61920838
605228.04	5601001.22	61.82479602	54151.99	53790.79	53638.8	54036.64614	-397.8461386	-191.6761386	Varney-2018	-16.24613862
605226.01	5601000.81	61.78020698	54151.96	53792.13	53640.17	54036.6415	-396.4714968	-190.3014968	Varney-2018	-14.87149678
605223.97	5601000.39	61.76056949	54151.92	53784.99	53633.07	54036.63613	-403.566132	-197.396132	Varney-2018	-21.96613197
605223.36	5600998.91	61.73565263	54151.88	53781.83	53629.95	54036.62956	-406.6795601	-200.5095601	Varney-2018	-25.07956014
605221.94	5600998.21	61.71616935	54151.84	53771.32	53619.48	54036.62433	-417.1443328	-210.9743328	Varney-2018	-35.54433283
605221.48	5600998.37	61.71530072	54151.83	53771.1	53619.27	54036.62406	-417.3540579	-211.1840579	Varney-2018	-35.7540579
605220.4	5600997.15	61.6907427	54151.81	53766.88	53615.07	54036.61756	-421.5475621	-215.3775621	Varney-2018	-39.94756212
605221.2	5601005.32	61.81141575	54151.78	53765.29	53613.51	54036.64902	-423.1390166	-216.9690166	Varney-2018	-41.53901658
605222.84	5601010.49	61.89502848	54151.74	53762.35	53610.61	54036.67106	-426.0610565	-219.8910565	Varney-2018	-44.46105654
605224.91	5601016.02	61.98607776	54151.72	53760.05	53608.33	54036.69524	-428.3652367	-222.1952367	Varney-2018	-46.76523674
605225.59	5601019.21	62.03511672	54151.7	53756.72	53605.02	54036.70822	-431.688222	-225.518222	Varney-2018	-50.08822199
605224.92	5601016.25	61.98936688	54151.67	53743.09	53591.42	54036.6961	-445.2760994	-239.1060994	Varney-2018	-63.67609939
605223.5	5601014.87	61.96088671	54151.63	53746.48	53594.85	54036.68836	-441.8383631	-235.6683631	Varney-2018	-60.23836307
605222.25	5601014.29	61.94468353	54151.62	53744.67	53593.05	54036.68388	-443.6338827	-237.4638827	Varney-2018	-62.03388272
605222.44	5601017.63	61.99292141	54151.6	53750.45	53598.85	54036.69649	-437.8464893	-231.6764893	Varney-2018	-56.24648926
605222.64	5601021.39	62.04710475	54151.6	53760.14	53608.54	54036.71066	-428.1706557	-222.0006557	Varney-2018	-46.5706557
605223.85	5601024.01	62.09151157	54151.59	53758.57	53606.98	54036.72255	-429.7425488	-223.5725488	Varney-2018	-48.14254882
605226.13	5601025.28	62.12349202	54151.58	53767.45	53615.87	54036.73151	-420.8615136	-214.6915136	Varney-2018	-39.26151356
605225.43	5601024.66	62.1104631	54151.56	53769.45	53617.89	54036.72792	-418.8379167	-212.6679167	Varney-2018	-37.23791667
605225.35	5601025.7	62.12453903	54151.55	53772.52	53620.97	54036.73158	-415.7615814	-209.5915814	Varney-2018	-34.16158136
605223.21	5601020.05	62.03184924	54151.53	53769.07	53617.54	54036.70682	-419.1668162	-212.9968162	Varney-2018	-37.56681617
605220.92	5601015.16	61.94839061	54151.53	53777	53625.47	54036.68457	-411.214569	-205.044569	Varney-2018	-29.614569
605219.48	5601009.67	61.86151075	54151.53	53770.07	53618.54	54036.66173	-418.1217334	-211.9517334	Varney-2018	-36.52173336
605219.61	5601010.27	61.87084379	54151.54	53777.48	53625.94	54036.66418	-410.7241771	-204.5541771	Varney-2018	-29.12417715
605220.47	5601017.86	61.98362114	54151.55	53777.23	53625.68	54036.69362	-411.0136204	-204.8436204	Varney-2018	-29.41362045
605219.08	5601018.14	61.97873645	54151.55	53786	53634.45	54036.69203	-402.2420274	-196.0720274	Varney-2018	-20.64202742

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605217.73	5601018.6	61.97667488	54151.54	53791.37	53639.83	54036.69117	-396.861169	-190.691169	Varney-2018	-15.26116896
605217.11	5601019.9	61.99118845	54151.55	53794.32	53642.77	54036.69476	-393.9247639	-187.7547639	Varney-2018	-12.32476388
605215.63	5601021.17	61.99989947	54151.56	53792.98	53641.42	54036.69663	-395.2766257	-189.1066257	Varney-2018	-13.67662572
605214.2	5601018.83	61.95754425	54151.56	53795.06	53643.5	54036.68536	-393.1853578	-187.0153578	Varney-2018	-11.58535784
605213.93	5601020.35	61.97750838	54151.57	53798.5	53646.93	54036.69042	-389.7604158	-183.5904158	Varney-2018	-8.16041577
605214.2	5601022.51	62.01000332	54151.57	53796.26	53644.69	54036.69884	-392.0088361	-185.8388361	Varney-2018	-10.40883611
605212.88	5601022.92	62.00759225	54151.58	53799.13	53647.55	54036.69785	-389.1478465	-182.9778465	Varney-2018	-7.547846473
605213.11	5601023.94	62.0235952	54151.61	53802.43	53650.82	54036.70202	-385.8820157	-179.7120157	Varney-2018	-4.282015742
605212.27	5601023.04	62.00549277	54151.64	53805.45	53653.81	54036.69713	-382.8871346	-176.7171346	Varney-2018	-1.287134569
605213.07	5601027.18	62.06961231	54151.66	53805.26	53653.6	54036.7138	-383.1138048	-176.9438048	Varney-2018	-1.513804829
605212.85	5601032.75	62.14782161	54151.69	53800.22	53648.53	54036.73379	-388.2037852	-182.0337852	Varney-2018	-6.603785189
605211.88	5601034.81	62.17143183	54151.71	53803.43	53651.72	54036.73949	-385.0194911	-178.8494911	Varney-2018	-3.419491071
605210.93	5601032.59	62.13393148	54151.74	53808.55	53656.81	54036.72956	-379.9195649	-173.7495649	Varney-2018	1.680435098
605209.86	5601032.17	62.12143753	54151.75	53806.85	53655.1	54036.726	-381.6260023	-175.4560023	Varney-2018	-0.026002255
605209.03	5601032.16	62.1162697	54151.77	53810.21	53658.44	54036.72439	-378.2843947	-172.1143947	Varney-2018	3.315605264
605208.32	5601029.02	62.06680906	54151.78	53800.76	53648.98	54036.71156	-387.7315612	-181.5615612	Varney-2018	-6.131561151
605207.32	5601029.47	62.06716952	54151.8	53797.8	53646	54036.71132	-390.7113167	-184.5413167	Varney-2018	-9.111316654
605207.47	5601032.79	62.11589934	54151.85	53788.64	53636.79	54036.72375	-399.9337471	-193.7637471	Varney-2018	-18.33374713
605206.25	5601025.84	62.008256	54151.9	53783.29	53631.39	54036.69601	-405.3060147	-199.1360147	Varney-2018	-23.70601469
605204.82	5601024.83	61.98479938	54151.94	53780.57	53628.63	54036.68962	-408.0596196	-201.8896196	Varney-2018	-26.45961964
605201.8	5601024.07	61.95499791	54151.98	53783.77	53631.79	54036.68114	-404.8911384	-198.7211384	Varney-2018	-23.29113839
605201.46	5601020.48	61.90070937	54152.04	53769.72	53617.68	54036.66737	-418.9873742	-212.8173742	Varney-2018	-37.3873742
605200.37	5601019.46	61.87898733	54152.11	53761.95	53609.84	54036.66159	-426.8215908	-220.6515908	Varney-2018	-45.22159082
605199.7	5601018.24	61.85697056	54152.17	53756.15	53603.98	54036.65587	-432.6758695	-226.5058695	Varney-2018	-51.07586948
605198.79	5601017.28	61.8371799	54152.23	53750.85	53598.62	54036.65065	-438.0306469	-231.8606469	Varney-2018	-56.43064689
605200.25	5601025.16	61.96121124	54152.27	53757.73	53605.46	54036.6822	-431.2221954	-225.0521954	Varney-2018	-49.62219539
605200.1	5601026.9	61.98561787	54152.31	53755.64	53603.33	54036.68827	-433.3582708	-227.1882708	Varney-2018	-51.75827081
605199.21	5601026.41	61.9729838	54152.35	53761.08	53608.73	54036.6848	-427.9547986	-221.7847986	Varney-2018	-46.3547986
605198.3	5601024.67	61.94195586	54152.39	53765.09	53612.7	54036.67672	-423.9767224	-217.8067224	Varney-2018	-42.37672236
605199.05	5601033.48	62.07510833	54152.43	53768.51	53616.08	54036.71033	-420.6303288	-214.4603288	Varney-2018	-39.03032884
605200.36	5601038.59	62.15738243	54152.47	53773.63	53621.16	54036.73148	-415.5714841	-209.4014841	Varney-2018	-33.9714841
605201.07	5601042.61	62.46397278	54152.5	53770.6	53618.1	54036.74105	-418.6410513	-212.4710513	Varney-2018	-37.04105128
605203.23	5601046.22	62.95138796	54152.54	53766.95	53614.41	54036.74714	-422.3371413	-216.1671413	Varney-2018	-40.73714129
605202.44	5601050.96	63.56444666	54152.58	53766.18	53613.6	54036.74841	-423.1484065	-216.9784065	Varney-2018	-41.54840651
605202.45	5601055.49	64.15660368	54152.63	53757.81	53605.18	54036.75102	-431.5710203	-225.4010203	Varney-2018	-49.97102033
605202.58	5601059.98	64.74519751	54152.65	53748.03	53595.38	54036.75381	-441.3738134	-235.2038134	Varney-2018	-59.77381342
605209.54	5601086.4	68.36676538	54152.68	53743.02	53590.34	54036.77877	-446.438771	-240.268771	Varney-2018	-64.83877103
605211.13	5601099.4	70.14864224	54152.69	53742.61	53589.92	54036.78729	-446.867287	-240.697287	Varney-2018	-65.26728703
605211.51	5601107.04	71.18562016	54152.7	53742.02	53589.32	54036.79142	-447.4714244	-241.3014244	Varney-2018	-65.87142436
605212.91	5601116.57	72.53384789	54152.72	53736.73	53584.01	54036.79703	-452.7870345	-246.6170345	Varney-2018	-71.18703446
605214.29	5601124.78	74.54753847	54152.74	53727.99	53575.25	54036.77961	-461.5296135	-255.3596135	Varney-2018	-79.92961347
605215.68	5601132.99	76.51774418	54152.76	53724.63	53571.87	54036.76337	-464.8933666	-258.7233666	Varney-2018	-83.29336664
605217.06	5601141.19	78.44188719	54152.79	53713.35	53560.56	54036.74828	-476.1882809	-270.0182809	Varney-2018	-94.58828087
605219.81	5601148.25	80.02419775	54152.82	53720.17	53567.35	54036.74047	-469.3904712	-263.2204712	Varney-2018	-87.79047122
605221.57	5601151.35	80.67815113	54152.86	53711.19	53558.33	54036.73926	-478.4092597	-272.2392597	Varney-2018	-96.80925967
605221.94	5601156.61	81.8479939	54152.87	53711.4	53558.53	54036.73023	-478.200234	-272.030234	Varney-2018	-96.60023399
605222.43	5601159.04	82.37122681	54152.88	53710.91	53558.03	54036.72718	-478.697176	-272.527176	Varney-2018	-97.09717598
605223.43	5601162.46	83.08355792	54152.89	53707.05	53554.16	54036.72415	-482.564148	-276.394148	Varney-2018	-100.964148
605225.5	5601168.21	84.22684194	54152.91	53716.04	53563.13	54036.7213	-473.5912971	-267.4212971	Varney-2018	-91.99129712
605205.64	5601094.85	69.38812497	54152.91	53708.28	53555.37	54036.77781	-481.407808	-275.237808	Varney-2018	-99.80780797
605202.28	5601078.21	67.12250384	54152.9	53706.28	53553.38	54036.76378	-483.3837843	-277.2137843	Varney-2018	-101.7837843
605199.16	5601061.53	64.89933398	54152.9	53708.45	53555.55	54036.74896	-481.1989647	-275.0289647	Varney-2018	-99.59896474
605197.91	5601060.82	64.79007869	54152.89	53701.24	53548.35	54036.74643	-488.396428	-282.226428	Varney-2018	-106.796428
605196.3	5601060.92	64.78051432	54152.89	53706.47	53553.58	54036.74378	-483.1637801	-276.9937801	Varney-2018	-101.5637801
605196.31	5601060.53	64.73062892	54152.89	53707.9	53555.01	54036.74355	-481.7335483	-275.5635483	Varney-2018	-100.1335483
605196.84	5601065.34	65.35592057	54152.89	53706.72	53553.83	54036.74748	-482.917482	-276.747482	Varney-2018	-101.317482
605194.38	5601054.6	63.94790016	54152.9	53707.61	53554.71	54036.73639	-482.0263914	-275.8563914	Varney-2018	-100.4263914
605191.87	5601043.68	62.53764258	54152.9	53707.38	53554.48	54036.72453	-482.24453	-276.07453	Varney-2018	-100.64453
605191.45	5601042.02	62.32491201	54152.91	53706.64	53553.73	54036.7226	-482.9926041	-276.8226041	Varney-2018	-101.3926041
605193.21	5601055.36	64.03105901	54152.9	53707.73	53554.83	54036.73485	-481.9048537	-275.7348537	Varney-2018	-100.3048537
605193.21	5601055.36	64.03105901	54152.89	53707.48	53554.59	54036.73485	-482.1448537	-275.9748537	Varney-2018	-100.5448537
605193.21	5601055.36	64.03105901	54152.87	53712.11	53559.24	54036.73485	-477.4948537	-271.3248537	Varney-2018	-95.89485367
605193.21	5601055.36	64.03105901	54152.84	53720.52	53567.68	54036.73485	-469.0548537	-262.8848537	Varney-2018	-87.45485367
605193.21	5601055.36	64.03105901	54152.82	53722.65	53569.83	54036.73485	-466.9048537	-260.7348537	Varney-2018	-85.30485367

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605193.21	5601055.36	64.03105901	54152.8	53722.85	53570.05	54036.73485	-466.6848537	-260.5148537	Varney-2018	-85.08485367
605193.21	5601055.36	64.03105901	54152.79	53725.12	53572.33	54036.73485	-464.4048537	-258.2348537	Varney-2018	-82.80485367
605193.21	5601055.36	64.03105901	54152.78	53707.83	53555.05	54036.73485	-481.6848537	-275.5148537	Varney-2018	-100.0848537
605193.21	5601055.36	64.03105901	54152.77	53712.7	53559.93	54036.73485	-476.8048537	-270.6348537	Varney-2018	-95.20485367
605193.21	5601055.36	64.03105901	54152.75	53735.07	53582.32	54036.73485	-454.4148537	-248.2448537	Varney-2018	-72.81485367
605193.21	5601055.36	64.03105901	54152.73	53742.57	53589.84	54036.73485	-446.8948537	-240.7248537	Varney-2018	-65.29485367
605193.21	5601055.36	64.03105901	54152.71	53752.23	53599.52	54036.73485	-437.2148537	-231.0448537	Varney-2018	-55.61485367
605193.21	5601055.36	64.03105901	54152.69	53751.44	53598.75	54036.73485	-437.9848537	-231.8148537	Varney-2018	-56.38485367
605193.21	5601055.36	64.03105901	54152.66	53755.06	53602.4	54036.73485	-434.3348537	-228.1648537	Varney-2018	-52.73485367
605193.21	5601055.36	64.03105901	54152.63	53757.92	53605.29	54036.73485	-431.4448537	-225.2748537	Varney-2018	-49.84485367
605193.21	5601055.36	64.03105901	54152.59	53755.55	53602.96	54036.73485	-433.7748537	-227.6048537	Varney-2018	-52.17485367
605193.21	5601055.36	64.03105901	54152.56	53764.02	53611.46	54036.73485	-425.2748537	-219.1048537	Varney-2018	-43.67485367
605193.21	5601055.36	64.03105901	54152.52	53769.64	53617.12	54036.73485	-419.6148537	-213.4448537	Varney-2018	-38.01485367
605193.21	5601055.36	64.03105901	54152.49	53769.5	53617.01	54036.73485	-419.7248537	-213.5548537	Varney-2018	-38.12485367
605193.21	5601055.36	64.03105901	54152.45	53773.9	53621.45	54036.73485	-415.2848537	-209.1148537	Varney-2018	-33.68485367
605193.21	5601055.36	64.03105901	54152.45	53772.33	53619.88	54036.73485	-416.8548537	-210.6848537	Varney-2018	-35.25485367
605193.21	5601055.36	64.03105901	54152.45	53771.37	53618.92	54036.73485	-417.8148537	-211.6448537	Varney-2018	-36.21485367
605193.21	5601055.36	64.03105901	54152.44	53771.47	53619.03	54036.73485	-417.7048537	-211.5348537	Varney-2018	-36.10485367
605193.21	5601055.36	64.03105901	54152.42	53772.17	53619.75	54036.73485	-416.9848537	-210.8148537	Varney-2018	-35.38485367
605193.21	5601055.36	64.03105901	54152.42	53791.02	53638.6	54036.73485	-398.1348537	-191.9648537	Varney-2018	-16.53485367
605193.21	5601055.36	64.03105901	54152.42	53801.4	53648.98	54036.73485	-387.7548537	-181.5848537	Varney-2018	-6.154853667
605193.21	5601055.36	64.03105901	54152.4	53808.35	53655.95	54036.73485	-380.7848537	-174.6148537	Varney-2018	0.815146333
605193.21	5601055.36	64.03105901	54152.38	53809.2	53656.82	54036.73485	-379.9148537	-173.7448537	Varney-2018	1.685146333
605193.21	5601055.36	64.03105901	54152.36	53811.07	53658.71	54036.73485	-378.0248537	-171.8548537	Varney-2018	3.575146333
605193.21	5601055.36	64.03105901	54152.34	53810.03	53657.69	54036.73485	-379.0448537	-172.8748537	Varney-2018	2.555146333
605193.21	5601055.36	64.03105901	54152.34	53810.28	53657.94	54036.73485	-378.7948537	-172.6248537	Varney-2018	2.805146333
605193.21	5601055.36	64.03105901	54152.33	53810.31	53657.98	54036.73485	-378.7548537	-172.5848537	Varney-2018	2.845146333
605193.21	5601055.36	64.03105901	54152.33	53810.46	53658.13	54036.73485	-378.6048537	-172.4348537	Varney-2018	2.995146333
605193.21	5601055.36	64.03105901	54152.33	53810.24	53657.91	54036.73485	-378.8248537	-172.6548537	Varney-2018	2.775146333
605193.21	5601055.36	64.03105901	54152.33	53810.01	53657.68	54036.73485	-379.0548537	-172.8848537	Varney-2018	2.545146333
605178.79	5601068.19	65.41845182	54152.32	53810.95	53658.63	54036.72028	-378.0902771	-171.9202771	Varney-2018	3.509722917
605178.79	5601068.19	65.41845182	54152.3	53811.5	53659.2	54036.72028	-377.5202771	-171.3502771	Varney-2018	4.079722917
605178.79	5601068.19	65.41845182	54152.27	53819.98	53667.71	54036.72028	-369.0102771	-162.8402771	Varney-2018	12.58972292
605178.79	5601068.19	65.41845182	54152.24	53822.01	53669.77	54036.72028	-366.9502771	-160.7802771	Varney-2018	14.64972292
605178.79	5601068.19	65.41845182	54152.21	53826.7	53674.49	54036.72028	-362.2302771	-156.0602771	Varney-2018	19.36972292
605178.79	5601068.19	65.41845182	54152.2	53819.17	53666.97	54036.72028	-369.7502771	-163.5802771	Varney-2018	11.84972292
605178.79	5601068.19	65.41845182	54152.18	53819.51	53667.33	54036.72028	-369.3902771	-163.2202771	Varney-2018	12.20972292
605178.79	5601068.19	65.41845182	54152.18	53817.72	53665.54	54036.72028	-371.1802771	-165.0102771	Varney-2018	10.41972292
605178.79	5601068.19	65.41845182	54152.18	53812.93	53660.75	54036.72028	-375.9702771	-169.8002771	Varney-2018	5.629722917
605178.79	5601068.19	65.41845182	54152.18	53822.78	53670.6	54036.72028	-366.1202771	-159.9502771	Varney-2018	15.47972292
605178.79	5601068.19	65.41845182	54152.18	53822.42	53670.24	54036.72028	-366.4802771	-160.3102771	Varney-2018	15.11972292
605178.79	5601068.19	65.41845182	54152.18	53823.02	53670.84	54036.72028	-365.8802771	-159.7102771	Varney-2018	15.71972292
605178.79	5601068.19	65.41845182	54152.19	53823.78	53671.59	54036.72028	-365.1302771	-158.9602771	Varney-2018	16.46972292
605178.79	5601068.19	65.41845182	54152.19	53820.83	53668.64	54036.72028	-368.0802771	-161.9102771	Varney-2018	13.51972292
605178.79	5601068.19	65.41845182	54152.19	53824.06	53671.87	54036.72028	-364.8502771	-158.6802771	Varney-2018	16.74972292
605178.79	5601068.19	65.41845182	54152.17	53835.78	53683.61	54036.72028	-353.1102771	-146.9402771	Varney-2018	28.48972292
605178.79	5601068.19	65.41845182	54152.15	53825	53672.85	54036.72028	-363.8702771	-157.7002771	Varney-2018	17.72972292
605178.79	5601068.19	65.41845182	54152.15	53825.29	53673.14	54036.72028	-363.5802771	-157.4102771	Varney-2018	18.01972292
605170.68	5601057.69	64.0416222	54152.04	53828.35	53676.31	54036.69773	-360.3877274	-154.2177274	Varney-2018	21.21227257
605169.78	5601058.14	64.08321959	54152.04	53837.58	53685.54	54036.69659	-351.1565941	-144.9865941	Varney-2018	30.44340589
605167.91	5601054.66	63.6519007	54152.04	53834.35	53682.31	54036.69014	-354.3801365	-148.2101365	Varney-2018	27.21986354
605167.26	5601055.46	63.7378694	54152.05	53839.15	53687.1	54036.68975	-349.5897535	-143.4197535	Varney-2018	32.01024654
605167.24	5601056.52	63.86141359	54152.07	53844.25	53692.18	54036.69072	-344.5107177	-138.3407177	Varney-2018	37.08928232
605167.08	5601056.62	63.8711315	54152.09	53835.64	53683.55	54036.69054	-353.1405354	-146.9705354	Varney-2018	28.45946461
605166.43	5601056.36	63.83289341	54152.08	53838.82	53686.74	54036.68916	-349.9491647	-143.7791647	Varney-2018	31.65083532
605165.52	5601056.06	63.78701462	54152.07	53839.76	53687.69	54036.6873	-348.9973012	-142.8273012	Varney-2018	32.6026988
605166.3	5601062.91	64.59374665	54152.05	53838.27	53686.22	54036.69518	-350.4751775	-144.3051775	Varney-2018	31.12482251
605165.39	5601060.79	64.33432988	54152.03	53844.1	53692.07	54036.69163	-344.6216255	-138.4516255	Varney-2018	36.97837449
605165.18	5601059.86	64.22357002	54152.02	53842.38	53690.36	54036.69038	-346.3303751	-140.1603751	Varney-2018	35.26962488
605164.77	5601057.32	63.92389978	54152	53842.91	53690.91	54036.68722	-345.7772207	-139.6072207	Varney-2018	35.82277931
605164.1	5601054.78	63.62205823	54152	53836.19	53684.19	54036.68359	-352.49359	-146.32359	Varney-2018	29.10641002
605163.98	5601055.92	63.75232818	54152	53833.46	53681.46	54036.68449	-355.2244937	-149.0544937	Varney-2018	26.37550631
605163.33	5601062.95	64.55459627	54152.01	53838.11	53686.1	54036.69028	-350.5902795	-144.4202795	Varney-2018	31.00972049
605165.14	5601074.56	65.92739266	54152.02	53836.15	53684.13	54036.70449	-352.5744855	-146.4044855	Varney-2018	29.0255145

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605164.5	5601076.17	66.10127557	54152.02	53842.69	53690.67	54036.70506	-346.0350634	-139.8650634	Varney-2018	35.56493657
605163.67	5601077.15	66.19774896	54152.01	53847.72	53695.71	54036.70476	-340.9947594	-134.8247594	Varney-2018	40.60524058
605162.56	5601076.25	66.07171337	54152.01	53857.01	53705	54036.70219	-331.7021876	-125.5321876	Varney-2018	49.89781239
605161.12	5601074.35	65.82562889	54152.01	53854.99	53702.98	54036.69808	-333.7180826	-127.5480826	Varney-2018	47.88191735
605160.9	5601078.09	66.24874876	54151.99	53852.84	53700.85	54036.70152	-335.8515169	-129.6815169	Varney-2018	45.74848312
605160.23	5601077.05	66.11629368	54151.97	53857.32	53705.35	54036.69945	-331.3494531	-125.1794531	Varney-2018	50.25054685
605159.08	5601077.42	66.13493186	54151.94	53858.87	53706.93	54036.69809	-329.7680924	-123.5980924	Varney-2018	51.83190762
605158.41	5601079.19	66.32172468	54151.9	53864.68	53712.78	54036.69891	-323.9189127	-117.7489127	Varney-2018	57.68108731
605158.4	5601079.25	66.32830963	54151.86	53865.94	53714.08	54036.69896	-322.6189599	-116.4489599	Varney-2018	58.98104011
605158.95	5601079.22	66.33656218	54151.82	53866.19	53714.37	54036.69975	-322.329749	-116.159749	Varney-2018	59.27025097
605162.25	5601084.69	67.03442509	54151.79	53866.53	53714.74	54036.71011	-321.9701117	-115.8001117	Varney-2018	59.62988825
605161.97	5601084.95	67.05770737	54151.76	53859.01	53707.25	54036.70997	-329.4599697	-123.2899697	Varney-2018	52.14003033
605162.31	5601085.81	67.16442878	54151.77	53858.5	53706.73	54036.71131	-329.9813112	-123.8113112	Varney-2018	51.61868876
605162.8	5601086.99	67.31180656	54151.78	53858.95	53707.17	54036.71318	-329.5431751	-123.3731751	Varney-2018	52.05682488
605161.82	5601085.18	67.08055494	54151.79	53859.16	53707.37	54036.70998	-329.3399848	-123.1699848	Varney-2018	52.26001516
605162.38	5601084.33	66.99611352	54151.81	53857.72	53705.91	54036.70994	-330.7999405	-124.6299405	Varney-2018	50.80005948
605160.96	5601084.87	67.02488038	54151.81	53864.27	53712.46	54036.70844	-324.2484435	-118.0784435	Varney-2018	57.35155645
605159.6	5601083.24	66.807616	54151.81	53864.82	53713.01	54036.70483	-323.6948292	-117.5248292	Varney-2018	57.90517079
605159.26	5601084.88	66.98620657	54151.8	53871.88	53720.08	54036.70602	-316.6260194	-110.4560194	Varney-2018	64.97398057
605157.85	5601085.38	67.0097123	54151.79	53877.35	53725.56	54036.70452	-311.1445209	-104.9745209	Varney-2018	70.45547906
605157.09	5601085.05	66.95455087	54151.76	53878.99	53727.23	54036.70309	-309.4730905	-103.3030905	Varney-2018	72.12690945
605155.96	5601085.62	66.99202691	54151.72	53887.82	53736.1	54036.70208	-300.6020792	-94.43207918	Varney-2018	80.99792082
605156.28	5601088.73	67.34930241	54151.69	53894.74	53743.05	54036.70582	-293.6558235	-87.48582349	Varney-2018	87.94417651
605156.86	5601091.14	67.63530196	54151.66	53888.93	53737.27	54036.70916	-299.4391643	-93.26916426	Varney-2018	82.16083574
605157.54	5601090.17	67.5433623	54151.64	53899.84	53748.2	54036.70908	-288.5090804	-82.33908041	Varney-2018	93.09091959
605156.16	5601089.41	67.42273574	54151.62	53886.96	53735.34	54036.70638	-301.3663764	-95.19637641	Varney-2018	80.23362359
605154.92	5601088.44	67.28292702	54151.62	53890.59	53738.97	54036.70362	-297.7336203	-91.56362026	Varney-2018	83.86637974
605154.23	5601088.09	67.22672465	54151.63	53882.88	53731.25	54036.70228	-305.4522804	-99.28228041	Varney-2018	76.14771959
605154.8	5601090.81	67.54504215	54151.64	53879.46	53727.82	54036.706	-308.8859958	-102.7159958	Varney-2018	72.7140042
605154.5	5601090.59	67.51273034	54151.66	53876.76	53725.1	54036.70535	-311.6053482	-105.4353482	Varney-2018	69.99465184
605153.88	5601090.19	67.45221283	54151.66	53877.16	53725.5	54036.70406	-311.2040645	-105.0340645	Varney-2018	70.3959355
605154.49	5601092.94	67.77504304	54151.66	53870.77	53719.11	54036.70786	-317.5978635	-111.4278635	Varney-2018	64.0021365
605154.85	5601095.55	68.07661351	54151.66	53869.15	53717.49	54036.71115	-319.2211475	-113.0511475	Varney-2018	62.37885246
605154.04	5601096.27	68.13454306	54151.65	53867.89	53716.24	54036.71086	-320.4708566	-114.3008566	Varney-2018	61.12914335
605153.58	5601097.95	68.30880198	54151.64	53864.2	53712.56	54036.71208	-324.152077	-117.982077	Varney-2018	57.44792302
605153.19	5601097.88	68.28986666	54151.63	53854.92	53703.29	54036.7115	-333.4214957	-127.2514957	Varney-2018	48.17850426
605152.49	5601099.56	68.45625364	54151.62	53852.47	53700.85	54036.71243	-335.8624321	-129.6924321	Varney-2018	45.73756787
605150.95	5601099.73	68.43000105	54151.6	53849.45	53697.85	54036.71065	-338.8606535	-132.6906535	Varney-2018	42.73934651
605149.73	5601098.83	68.32633687	54151.59	53854.86	53703.27	54036.70726	-333.4372623	-127.2672623	Varney-2018	48.16273772
605148.82	5601099.46	68.39813775	54151.57	53860.66	53709.09	54036.70603	-327.6160343	-121.4460343	Varney-2018	53.98396565
605149.03	5601101.54	68.62584938	54151.57	53861.49	53709.92	54036.70883	-326.7888284	-120.6188284	Varney-2018	54.81117155
605148.87	5601103	68.7863781	54151.57	53858.95	53707.38	54036.71014	-329.3301401	-123.1601401	Varney-2018	52.26985989
605148.49	5601099.86	68.44289593	54151.57	53859.32	53707.75	54036.70579	-328.9557855	-122.7857855	Varney-2018	52.64421451
605152.31	5601112.76	69.91447216	54151.56	53859.5	53707.94	54036.72671	-328.7867095	-122.6167095	Varney-2018	52.81329054
605151.23	5601107.65	69.3129085	54151.54	53859.5	53707.96	54036.7198	-328.759805	-122.589805	Varney-2018	52.84019502
605150.74	5601105.51	69.06108745	54151.51	53859.39	53707.88	54036.71683	-328.8368332	-122.6668332	Varney-2018	52.76316678
605150.17	5601103.08	68.79288399	54151.47	53859.51	53708.04	54036.71296	-328.6729601	-122.5029601	Varney-2018	52.92703995
605150.41	5601099.65	68.41464894	54151.43	53859.5	53708.07	54036.70963	-328.6396288	-122.4696288	Varney-2018	52.96037123
605150.72	5601098.08	68.24136598	54151.41	53859.45	53708.04	54036.70852	-328.668519	-122.498519	Varney-2018	52.93148098
605150.81	5601096.57	68.07742621	54151.38	53859.35	53707.97	54036.70695	-328.7369521	-122.5669521	Varney-2018	52.86304792
605150.9	5601095.64	67.97735996	54151.36	53859.64	53708.28	54036.70603	-328.426034	-122.256034	Varney-2018	53.17396597
605150.41	5601096.07	68.0203106	54151.34	53861.72	53710.38	54036.70563	-326.3256258	-120.1556258	Varney-2018	55.27437418
605149.87	5601096.3	68.04763155	54151.33	53863.61	53712.28	54036.70472	-324.4247215	-118.2547215	Varney-2018	57.1752785
605149.2	5601096.53	68.07535142	54151.32	53859.65	53708.33	54036.70354	-328.3735397	-122.2035397	Varney-2018	53.22646034
605148.82	5601095.79	67.99554825	54151.31	53856.9	53705.59	54036.70189	-331.1118867	-124.9418867	Varney-2018	50.48811335
605149.59	5601101.54	68.6246254	54151.3	53859.27	53707.97	54036.71001	-328.7400108	-122.5700108	Varney-2018	52.85998922
605148.24	5601103.32	68.82254334	54151.3	53864.22	53712.92	54036.70918	-323.78918	-117.61918	Varney-2018	57.81082001
605146.89	5601103.66	68.86191961	54151.29	53860.64	53709.35	54036.70674	-327.3567371	-121.1867371	Varney-2018	54.2432629
605147.82	5601104.4	68.94141388	54151.27	53864.75	53713.48	54036.70953	-323.2295276	-117.0595276	Varney-2018	58.37047238
605147.65	5601105.85	69.10022488	54151.25	53858.27	53707.02	54036.71082	-329.6908239	-123.5208239	Varney-2018	51.90917609
605147.29	5601107.01	69.22731309	54151.24	53870.93	53719.69	54036.7114	-317.0213999	-110.8513999	Varney-2018	64.57860005
605147.55	5601107.37	69.26651079	54151.22	53870.08	53718.86	54036.71235	-317.8523484	-111.6823484	Varney-2018	63.74765156
605147.31	5601109.89	69.54199019	54151.2	53868.75	53717.55	54036.71473	-319.164729	-112.994729	Varney-2018	62.43527098
605148.4	5601111.48	69.7164293	54151.17	53872.81	53721.64	54036.71876	-315.0787635	-108.9087635	Varney-2018	66.52123649

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605149.44	5601113.42	69.93025683	54151.16	53869.35	53718.19	54036.72306	-318.5330645	-112.3630645	Varney-2018	63.06693551
605149.67	5601116.46	70.27985701	54151.14	53875.06	53723.92	54036.72654	-312.8065446	-106.6365446	Varney-2018	68.79345536
605150.31	5601118.66	71.07657789	54151.11	53876.89	53725.78	54036.71561	-310.9356094	-104.7656094	Varney-2018	70.66439061
605150.96	5601120.86	71.8793909	54151.08	53880.03	53728.95	54036.70453	-307.754533	-101.584533	Varney-2018	73.84546697
605151.61	5601123.06	72.68847272	54151.06	53888.15	53737.09	54036.69329	-299.6032903	-93.43329033	Varney-2018	81.99670967
605151.35	5601123.47	72.83014738	54151.03	53889.52	53738.49	54036.69065	-298.2006542	-92.03065419	Varney-2018	83.39934581
605152.38	5601125.38	73.53731073	54151	53884.16	53733.16	54036.68172	-303.5217241	-97.35172408	Varney-2018	78.07827592
605153.4	5601127.29	74.23676674	54150.96	53894.09	53743.13	54036.67298	-293.5429779	-87.37297792	Varney-2018	88.05702208
605154.11	5601128.7	74.74779023	54150.93	53889.21	53738.28	54036.66657	-298.3865745	-92.21657445	Varney-2018	83.21342555
605151.93	5601133.63	76.49132011	54150.9	53893.02	53742.12	54036.63576	-294.5157588	-88.34575884	Varney-2018	87.08424116
605152.72	5601136.49	77.51614826	54150.89	53895.54	53744.65	54036.62175	-291.9717461	-85.80174614	Varney-2018	89.62825386
605154.1	5601140.18	78.82203572	54150.87	53895.58	53744.71	54036.60484	-291.8948414	-85.72484144	Varney-2018	89.70515856
605155.7	5601147.5	81.38181491	54150.86	53895.34	53744.48	54036.56979	-292.0897873	-85.91978731	Varney-2018	89.51021269
605157.87	5601158.66	85.2100383	54150.84	53897.67	53746.83	54036.51776	-289.6877647	-83.51776466	Varney-2018	91.91223534
605160.19	5601170.33	89.11025743	54150.82	53898.13	53747.31	54036.4662	-289.1562003	-82.98620027	Varney-2018	92.44379973
605161.55	5601179.85	92.2606917	54150.8	53903.91	53753.11	54036.42387	-283.3138708	-77.14387082	Varney-2018	98.28612918
605161.64	5601185.19	94.07083336	54150.78	53904.82	53754.04	54036.39761	-282.3576051	-76.18760509	Varney-2018	99.24239491
605161.74	5601189.18	95.41874638	54150.75	53908.01	53757.26	54036.37817	-279.1181691	-72.94816908	Varney-2018	102.4818309
605161.56	5601189.85	95.6656396	54150.74	53900.17	53749.43	54036.37396	-286.943956	-80.77395605	Varney-2018	94.65604395
605159.34	5601188.88	95.56468079	54150.73	53894.82	53744.09	54036.36816	-292.2781573	-86.10815728	Varney-2018	89.32184272
605159.42	5601190.47	96.10447319	54150.7	53900.17	53749.47	54036.36042	-286.8904241	-80.72042412	Varney-2018	94.70957588
605160.05	5601193.98	97.15632447	54150.66	53895.88	53745.22	54036.34799	-291.127992	-84.95799198	Varney-2018	90.47200802
605158.24	5601195.66	97.847147	54150.65	53898.77	53748.12	54036.33273	-288.2127347	-82.04273474	Varney-2018	93.38726526
605161.63	5601209.71	101.5662691	54150.63	53900.6	53749.97	54036.29779	-286.3277877	-80.15778771	Varney-2018	95.27221229
605163.63	5601217.5	103.6035759	54150.59	53893.68	53743.09	54036.27932	-293.1893152	-87.01931523	Varney-2018	88.41068477
605166.57	5601229.16	106.644188	54150.54	53885.88	53735.34	54036.25179	-300.9117893	-94.7417893	Varney-2018	80.6882107
605170.13	5601244.72	110.7188204	54150.52	53878.55	53728.03	54036.21386	-308.1838589	-102.0138589	Varney-2018	73.41614112
605175.03	5601262.09	115.1145883	54150.5	53874.04	53723.54	54036.17747	-312.6374718	-106.4674718	Varney-2018	68.9625282
605179.71	5601281.17	119.3237526	54150.49	53875.99	53725.5	54036.15249	-310.6524921	-104.4824921	Varney-2018	70.9475079
605145.55	5601151.73	83.07278491	54150.47	53875.91	53725.44	54036.52117	-311.0811732	-104.9111732	Varney-2018	70.51882681
605144.21	5601149.14	82.14286374	54150.46	53873.67	53723.21	54036.53263	-313.3226295	-107.1526295	Varney-2018	68.27737052
605143.93	5601150.06	82.47933121	54150.45	53865.33	53714.88	54036.52684	-321.6468447	-115.4768447	Varney-2018	59.9531553
605144.58	5601152.06	83.20071711	54150.44	53868.18	53717.74	54036.51712	-318.7771206	-112.6071206	Varney-2018	62.82287941
605144.73	5601154.46	84.07111578	54150.43	53854.28	53703.85	54036.50403	-332.6540324	-126.4840324	Varney-2018	48.94596757
605145.46	5601157.17	85.04813173	54150.42	53855.78	53705.36	54036.49056	-331.130559	-124.960559	Varney-2018	50.46944104
605146.59	5601160.92	86.39685783	54150.41	53850.92	53700.51	54036.47225	-335.9622467	-129.7922467	Varney-2018	45.63775328
605146.97	5601164.13	87.55641121	54150.38	53852.78	53702.4	54036.45523	-334.0552318	-127.8852318	Varney-2018	47.54476824
605147.25	5601166.57	88.43744971	54150.34	53842.61	53692.27	54036.44229	-344.1722898	-138.0022898	Varney-2018	37.42771018
605151.96	5601184.22	94.65425959	54150.3	53845.32	53695.02	54036.35833	-341.3383311	-135.1683311	Varney-2018	40.2616689
605150.54	5601180.53	93.44214856	54150.25	53835.94	53685.69	54036.37267	-350.6826658	-144.5126658	Varney-2018	30.91733419
605151.89	5601185.42	95.09185265	54150.21	53840.17	53689.96	54036.35143	-346.3914257	-140.2214257	Varney-2018	35.20857425
605151.52	5601192.45	97.64761631	54150.17	53817.04	53666.87	54036.31126	-369.4412612	-163.2712612	Varney-2018	12.15873884
605151.54	5601200.5	100.0127017	54150.16	53824.66	53674.5	54036.28108	-361.7810776	-155.6110776	Varney-2018	19.81892243
605154.65	5601207.57	101.737582	54150.14	53829.73	53679.59	54036.27026	-356.6802646	-150.5102646	Varney-2018	24.91973544
605156.29	5601213.07	103.1613669	54150.14	53821.86	53671.72	54036.25808	-364.5380784	-158.3680784	Varney-2018	17.0619216
605156.91	5601218.23	104.6000349	54150.13	53814.76	53664.63	54036.24203	-371.6120293	-165.4420293	Varney-2018	9.987970708
605156.88	5601218.57	104.7030455	54150.12	53807.24	53657.12	54036.24061	-379.1206084	-172.9506084	Varney-2018	2.479391635
605149.81	5601186.42	95.58480783	54150.11	53811.39	53661.28	54036.33812	-375.0581164	-168.8881164	Varney-2018	6.541883574
605149.82	5601184.41	94.85760798	54150.11	53809.26	53659.15	54036.34931	-377.1993096	-171.0293096	Varney-2018	4.400690367
605147.23	5601174.64	91.36274376	54150.12	53809.99	53659.87	54036.39724	-376.5272418	-170.3572418	Varney-2018	5.072758228
605146.78	5601172.58	90.62257198	54150.12	53809.4	53659.28	54036.40763	-377.1276326	-170.9576326	Varney-2018	4.472367401
605146.05	5601170.02	89.70432499	54150.12	53809.1	53658.98	54036.42015	-377.4401529	-171.2701529	Varney-2018	4.159847057
605145.53	5601169.02	89.34848032	54150.1	53808.7	53658.6	54036.42449	-377.824486	-171.654486	Varney-2018	3.775513994
605144.34	5601167.13	88.67775934	54150.07	53799.56	53649.49	54036.4322	-386.9422016	-180.7722016	Varney-2018	-5.34220162
605144.24	5601166.65	88.50464134	54150.05	53790.53	53640.48	54036.43465	-395.95465	-189.78465	Varney-2018	-14.35465001
605145.06	5601165.9	88.2219147	54150.03	53788.64	53638.61	54036.4408	-397.8308046	-191.6608046	Varney-2018	-16.2308046
605146.3	5601164.66	87.75666561	54150.02	53792.66	53642.64	54036.45068	-393.8106844	-187.6406844	Varney-2018	-12.2106844
605146.05	5601164.24	87.60731413	54150.01	53782.88	53632.87	54036.45244	-403.5824367	-197.4124367	Varney-2018	-21.98243666
605145.83	5601163.79	87.4466592	54150	53784.54	53634.54	54036.45443	-401.9144292	-195.7444292	Varney-2018	-20.3144292
605146.83	5601163.16	87.20638566	54149.98	53791.04	53641.06	54036.46031	-395.4003119	-189.2303119	Varney-2018	-13.80031188
605146.06	5601162.49	86.97229131	54149.95	53785.08	53635.13	54036.46223	-401.3322347	-195.1622347	Varney-2018	-19.73223471
605147.29	5601161.66	86.65735784	54149.92	53781.71	53631.79	54036.46976	-404.6797624	-198.5097624	Varney-2018	-23.07976241
605148.53	5601160.83	86.34291336	54149.89	53774.41	53624.52	54036.4773	-411.9572977	-205.7872977	Varney-2018	-30.35729766
605145.55	5601160.66	86.31393989	54149.85	53774.47	53624.62	54036.47126	-411.8512608	-205.6812608	Varney-2018	-30.25126077

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605143.85	5601159.65	85.96544125	54149.82	53775.75	53625.93	54036.47294	-410.5429356	-204.3729356	Varney-2018	-28.94293564
605142.71	5601158.92	85.71200447	54149.79	53771.17	53621.38	54036.47437	-415.0943695	-208.9243695	Varney-2018	-33.49436952
605141.6	5601158.02	85.39587466	54149.77	53771.68	53621.91	54036.47684	-414.5668415	-208.3968415	Varney-2018	-32.96684146
605139.56	5601158.04	85.42389221	54149.75	53745.59	53595.84	54036.47199	-440.6319902	-234.4619902	Varney-2018	-59.03199023
605137.51	5601158.06	85.45203539	54149.74	53746.63	53596.89	54036.46712	-439.5771151	-233.4071151	Varney-2018	-57.97711512
605135.47	5601158.08	85.48010086	54149.72	53775.67	53625.95	54036.46226	-410.5122626	-204.3422626	Varney-2018	-28.91226261
605133.43	5601158.1	85.50819026	54149.71	53795.4	53645.69	54036.45741	-390.7674095	-184.5974095	Varney-2018	-9.167409455
605138.46	5601161.84	86.82218939	54149.7	53787.32	53637.62	54036.44799	-398.827986	-192.657986	Varney-2018	-17.22798602
605145.22	5601195.73	98.81488628	54149.69	53803.67	53653.98	54036.28061	-382.3006086	-176.1306086	Varney-2018	-0.700608575
605162.5	5601259.37	115.9281138	54149.67	53797.89	53648.22	54036.11917	-387.8991719	-181.7291719	Varney-2018	-6.299171875
605163.74	5601264.64	117.3030615	54149.67	53796.19	53646.52	54036.10653	-389.5865303	-183.4165303	Varney-2018	-7.98653034
605166.19	5601272.9	119.1020035	54149.66	53795.42	53645.76	54036.0972	-390.3372041	-184.1672041	Varney-2018	-8.737204145
605168.23	5601281.47	120.8202066	54149.65	53788.47	53638.82	54036.09043	-397.2704306	-191.1004306	Varney-2018	-15.67043062
605169.05	5601289.98	122.6862918	54149.63	53765.83	53616.2	54036.07699	-419.8769861	-213.7069861	Varney-2018	-38.27698612
605170.24	5601298.14	124.4337768	54149.63	53762.42	53612.79	54036.06603	-423.2760337	-217.1060337	Varney-2018	-41.67603374
605171.43	5601306.31	126.1916986	54149.62	53758.27	53608.65	54036.05484	-427.4048447	-221.2348447	Varney-2018	-45.80484471
605172.46	5601314.19	127.9079337	54149.61	53757.75	53608.14	54036.04326	-427.9032614	-221.7332614	Varney-2018	-46.30326141
605176.72	5601325.15	130.0067128	54149.6	53755.16	53605.56	54036.0406	-430.4806036	-224.3106036	Varney-2018	-48.88060364
605182.38	5601340.48	133.037492	54149.6	53756.97	53607.37	54036.03375	-428.6637477	-222.4937477	Varney-2018	-47.06374768
605187.45	5601355.44	135.8026185	54149.61	53756.89	53607.28	54036.03123	-428.7512332	-222.5812332	Varney-2018	-47.15123318
605187.45	5601355.44	135.8026185	54149.6	53756.97	53607.37	54036.03123	-428.6612332	-222.4912332	Varney-2018	-47.06123318
605187.45	5601355.44	135.8026185	54149.58	53756.96	53607.38	54036.03123	-428.6512332	-222.4812332	Varney-2018	-47.05123318
605187.45	5601355.44	135.8026185	54149.56	53756.79	53607.23	54036.03123	-428.8012332	-222.6312332	Varney-2018	-47.20123318
605187.45	5601355.44	135.8026185	54149.53	53756.85	53607.32	54036.03123	-428.7112332	-222.5412332	Varney-2018	-47.11123318
605187.45	5601355.44	135.8026185	54149.51	53756.9	53607.39	54036.03123	-428.6412332	-222.4712332	Varney-2018	-47.04123318
605187.45	5601355.44	135.8026185	54149.48	53740.78	53591.3	54036.03123	-444.7312332	-238.5612332	Varney-2018	-63.13123318
605187.45	5601355.44	135.8026185	54149.46	53736.11	53586.65	54036.03123	-449.3812332	-243.2112332	Varney-2018	-67.78123318
605187.45	5601355.44	135.8026185	54149.44	53736.06	53586.62	54036.03123	-449.4112332	-243.2412332	Varney-2018	-67.81123318
605187.45	5601355.44	135.8026185	54149.41	53728.97	53579.56	54036.03123	-456.4712332	-250.3012332	Varney-2018	-74.87123318
605187.45	5601355.44	135.8026185	54149.38	53716.66	53567.28	54036.03123	-468.7512332	-262.5812332	Varney-2018	-87.15123318
605187.45	5601355.44	135.8026185	54149.36	53715.87	53566.51	54036.03123	-469.5212332	-263.3512332	Varney-2018	-87.92123318
605187.45	5601355.44	135.8026185	54149.33	53717.6	53568.27	54036.03123	-467.7612332	-261.5912332	Varney-2018	-86.16123318
605187.45	5601355.44	135.8026185	54149.32	53714.15	53564.83	54036.03123	-471.2012332	-265.0312332	Varney-2018	-89.60123318
605187.45	5601355.44	135.8026185	54149.3	53717.56	53568.26	54036.03123	-467.7712332	-261.6012332	Varney-2018	-86.17123318
605187.45	5601355.44	135.8026185	54149.28	53722.46	53573.18	54036.03123	-462.8512332	-256.6812332	Varney-2018	-81.25123318
605187.45	5601355.44	135.8026185	54149.26	53730.87	53581.61	54036.03123	-454.4212332	-248.2512332	Varney-2018	-72.82123318
605187.45	5601355.44	135.8026185	54149.27	53736.98	53587.71	54036.03123	-448.3212332	-242.1512332	Varney-2018	-66.72123318
605187.45	5601355.44	135.8026185	54149.28	53737.26	53587.98	54036.03123	-448.0512332	-241.8812332	Varney-2018	-66.45123318
605187.45	5601355.44	135.8026185	54149.26	53740.98	53591.72	54036.03123	-444.3112332	-238.1412332	Varney-2018	-62.71123318
605187.45	5601355.44	135.8026185	54149.24	53751.25	53602.01	54036.03123	-434.0212332	-227.8512332	Varney-2018	-52.42123318
605187.45	5601355.44	135.8026185	54149.22	53753.18	53603.96	54036.03123	-432.0712332	-225.9012332	Varney-2018	-50.47123318
605187.45	5601355.44	135.8026185	54149.19	53755.06	53605.87	54036.03123	-430.1612332	-223.9912332	Varney-2018	-48.56123318
605187.45	5601355.44	135.8026185	54149.17	53758	53608.83	54036.03123	-427.2012332	-221.0312332	Varney-2018	-45.60123318
605187.45	5601355.44	135.8026185	54149.15	53757.22	53608.07	54036.03123	-427.9612332	-221.7912332	Varney-2018	-46.36123318
605187.45	5601355.44	135.8026185	54149.13	53759.18	53610.05	54036.03123	-425.9812332	-219.8112332	Varney-2018	-44.38123318
605187.45	5601355.44	135.8026185	54149.1	53763.95	53614.85	54036.03123	-421.1812332	-215.0112332	Varney-2018	-39.58123318
605187.45	5601355.44	135.8026185	54149.08	53763.2	53614.12	54036.03123	-421.9112332	-215.7412332	Varney-2018	-40.31123318
605187.45	5601355.44	135.8026185	54149.05	53766.06	53617.01	54036.03123	-419.0212332	-212.8512332	Varney-2018	-37.42123318
605187.45	5601355.44	135.8026185	54149.04	53765.32	53616.28	54036.03123	-419.7512332	-213.5812332	Varney-2018	-38.15123318
605187.45	5601355.44	135.8026185	54149.02	53766.86	53617.84	54036.03123	-418.1912332	-212.0212332	Varney-2018	-36.59123318
605187.45	5601355.44	135.8026185	54148.97	53768.29	53619.32	54036.03123	-416.7112332	-210.5412332	Varney-2018	-35.11123318
605187.45	5601355.44	135.8026185	54148.92	53769.36	53620.44	54036.03123	-415.5912332	-209.4212332	Varney-2018	-33.99123318
605187.45	5601355.44	135.8026185	54148.88	53772.84	53623.96	54036.03123	-412.0712332	-205.9012332	Varney-2018	-30.47123318
605187.45	5601355.44	135.8026185	54148.84	53771.83	53622.99	54036.03123	-413.0412332	-206.8712332	Varney-2018	-31.44123318
605187.45	5601355.44	135.8026185	54148.82	53774.61	53625.79	54036.03123	-410.2412332	-204.0712332	Varney-2018	-28.64123318
605187.45	5601355.44	135.8026185	54148.79	53777.46	53628.67	54036.03123	-407.3612332	-201.1912332	Varney-2018	-25.76123318
605187.45	5601355.44	135.8026185	54148.79	53777.22	53628.43	54036.03123	-407.6012332	-201.4312332	Varney-2018	-26.00123318
605187.45	5601355.44	135.8026185	54148.78	53778.28	53629.5	54036.03123	-406.5312332	-200.3612332	Varney-2018	-24.93123318
605187.45	5601355.44	135.8026185	54148.77	53778.44	53629.67	54036.03123	-406.3612332	-200.1912332	Varney-2018	-24.76123318
605187.45	5601355.44	135.8026185	54148.76	53779.9	53631.14	54036.03123	-404.8912332	-198.7212332	Varney-2018	-23.29123318
605187.45	5601355.44	135.8026185	54148.75	53774.5	53625.75	54036.03123	-410.2812332	-204.1112332	Varney-2018	-28.68123318
605187.45	5601355.44	135.8026185	54148.74	53774.98	53626.24	54036.03123	-409.7912332	-203.6212332	Varney-2018	-28.19123318
605187.45	5601355.44	135.8026185	54148.72	53782.13	53633.41	54036.03123	-402.6212332	-196.4512332	Varney-2018	-21.02123318
605187.45	5601355.44	135.8026185	54148.7	53784.29	53635.59	54036.03123	-400.4412332	-194.2712332	Varney-2018	-18.84123318

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605187.45	5601355.44	135.8026185	54148.68	53783.86	53635.18	54036.03123	-400.8512332	-194.6812332	Varney-2018	-19.25123318
605187.45	5601355.44	135.8026185	54148.66	53783.84	53635.18	54036.03123	-400.8512332	-194.6812332	Varney-2018	-19.25123318
605187.45	5601355.44	135.8026185	54148.65	53782.99	53634.34	54036.03123	-401.6912332	-195.5212332	Varney-2018	-20.09123318
605187.45	5601355.44	135.8026185	54148.63	53782.57	53633.94	54036.03123	-402.0912332	-195.9212332	Varney-2018	-20.49123318
605187.45	5601355.44	135.8026185	54148.61	53782.28	53633.67	54036.03123	-402.3612332	-196.1912332	Varney-2018	-20.76123318
605187.45	5601355.44	135.8026185	54148.59	53781.83	53633.24	54036.03123	-402.7912332	-196.6212332	Varney-2018	-21.19123318
605187.45	5601355.44	135.8026185	54148.57	53786.86	53638.29	54036.03123	-397.7412332	-191.5712332	Varney-2018	-16.14123318
605187.45	5601355.44	135.8026185	54148.54	53785.27	53636.73	54036.03123	-399.3012332	-193.1312332	Varney-2018	-17.70123318
605187.45	5601355.44	135.8026185	54148.52	53785.72	53637.2	54036.03123	-398.8312332	-192.6612332	Varney-2018	-17.23123318
605187.45	5601355.44	135.8026185	54148.5	53787.89	53639.39	54036.03123	-396.6412332	-190.4712332	Varney-2018	-15.04123318
605187.45	5601355.44	135.8026185	54148.49	53790.16	53641.67	54036.03123	-394.3612332	-188.1912332	Varney-2018	-12.76123318
605187.45	5601355.44	135.8026185	54148.48	53792.76	53644.28	54036.03123	-391.7512332	-185.5812332	Varney-2018	-10.15123318
605187.45	5601355.44	135.8026185	54148.48	53791.85	53643.37	54036.03123	-392.6612332	-186.4912332	Varney-2018	-11.06123318
605187.45	5601355.44	135.8026185	54148.47	53794.19	53645.72	54036.03123	-390.3112332	-184.1412332	Varney-2018	-8.711233179
605187.45	5601355.44	135.8026185	54148.47	53795.91	53647.44	54036.03123	-388.5912332	-182.4212332	Varney-2018	-6.991233179
605187.45	5601355.44	135.8026185	54148.46	53797.16	53648.7	54036.03123	-387.3312332	-181.1612332	Varney-2018	-5.731233179
605187.45	5601355.44	135.8026185	54148.46	53797.98	53649.52	54036.03123	-386.5112332	-180.3412332	Varney-2018	-4.911233179
605187.45	5601355.44	135.8026185	54148.45	53792.74	53644.29	54036.03123	-391.7412332	-185.5712332	Varney-2018	-10.14123318
605187.45	5601355.44	135.8026185	54148.44	53793.09	53644.65	54036.03123	-391.3812332	-185.2112332	Varney-2018	-9.781233179
605187.45	5601355.44	135.8026185	54148.42	53798.6	53650.18	54036.03123	-385.8512332	-179.6812332	Varney-2018	-4.251233179
605187.45	5601355.44	135.8026185	54148.41	53799.82	53651.41	54036.03123	-384.6212332	-178.4512332	Varney-2018	-3.021233179
605187.45	5601355.44	135.8026185	54148.4	53799.51	53651.11	54036.03123	-384.9212332	-178.7512332	Varney-2018	-3.321233179
605187.45	5601355.44	135.8026185	54148.4	53798.87	53650.47	54036.03123	-385.5612332	-179.3912332	Varney-2018	-3.961233179
605187.45	5601355.44	135.8026185	54148.41	53797.96	53649.55	54036.03123	-386.4812332	-180.3112332	Varney-2018	-4.881233179
605187.45	5601355.44	135.8026185	54148.4	53797.98	53649.58	54036.03123	-386.4512332	-180.2812332	Varney-2018	-4.851233179
605187.45	5601355.44	135.8026185	54148.38	53797.47	53649.09	54036.03123	-386.9412332	-180.7712332	Varney-2018	-5.341233179
605187.45	5601355.44	135.8026185	54148.37	53794.45	53646.08	54036.03123	-389.9512332	-183.7812332	Varney-2018	-8.351233179
605187.45	5601355.44	135.8026185	54148.36	53797.45	53649.09	54036.03123	-386.9412332	-180.7712332	Varney-2018	-5.341233179
605187.45	5601355.44	135.8026185	54148.35	53795.66	53647.31	54036.03123	-388.7212332	-182.5512332	Varney-2018	-7.121233179
605187.45	5601355.44	135.8026185	54148.34	53797.9	53649.56	54036.03123	-386.4712332	-180.3012332	Varney-2018	-4.871233179
605187.45	5601355.44	135.8026185	54148.34	53803.23	53654.89	54036.03123	-381.1412332	-174.9712332	Varney-2018	0.458766821
605187.45	5601355.44	135.8026185	54148.34	53797.89	53649.55	54036.03123	-386.4812332	-180.3112332	Varney-2018	-4.881233179
605187.45	5601355.44	135.8026185	54148.33	53804.26	53655.93	54036.03123	-380.1012332	-173.9312332	Varney-2018	1.498766821
605187.45	5601355.44	135.8026185	54148.31	53799.97	53651.66	54036.03123	-384.3712332	-178.2012332	Varney-2018	-2.771233179
605187.45	5601355.44	135.8026185	54148.31	53799.46	53651.15	54036.03123	-384.8812332	-178.7112332	Varney-2018	-3.281233179
605187.45	5601355.44	135.8026185	54148.31	53801.46	53653.15	54036.03123	-382.8812332	-176.7112332	Varney-2018	-1.281233179
605187.45	5601355.44	135.8026185	54148.31	53800.88	53652.57	54036.03123	-383.4612332	-177.2912332	Varney-2018	-1.861233179
605187.45	5601355.44	135.8026185	54148.31	53796.39	53648.08	54036.03123	-387.9512332	-181.7812332	Varney-2018	-6.351233179
605187.45	5601355.44	135.8026185	54148.31	53796.79	53648.48	54036.03123	-387.5512332	-181.3812332	Varney-2018	-5.951233179
605187.45	5601355.44	135.8026185	54148.31	53801.88	53653.57	54036.03123	-382.4612332	-176.2912332	Varney-2018	-0.861233179
605110.03	5601154.19	84.28657793	54148.31	53804.63	53656.32	54036.42598	-380.1059755	-173.9359755	Varney-2018	1.49402445
605108.64	5601145.8	81.16315509	54148.32	53801.3	53652.98	54036.47209	-383.4920917	-177.3220917	Varney-2018	-1.892091719
605107.39	5601153.36	83.99989257	54148.31	53806.73	53658.42	54036.42481	-378.0048075	-171.8348075	Varney-2018	3.595192533
605110.3	5601156.8	85.25842349	54148.3	53807.79	53659.49	54036.41129	-376.9212908	-170.7512908	Varney-2018	4.678709193
605110.91	5601157.38	85.46884908	54148.29	53806.16	53657.87	54036.4093	-378.5393038	-172.3693038	Varney-2018	3.060696161
605110.89	5601156.3	85.06608293	54148.28	53807.72	53659.44	54036.41559	-376.9755852	-170.8055852	Varney-2018	4.624414841
605111.1	5601156.4	85.10136104	54148.26	53809.69	53661.43	54036.41548	-374.9854844	-168.8154844	Varney-2018	6.614515589
605111.56	5601154.99	84.57108978	54148.23	53814.46	53666.23	54036.4248	-370.1948009	-164.0248009	Varney-2018	11.4051991
605112.31	5601154.99	84.56413736	54148.22	53809.09	53660.87	54036.42653	-375.5565253	-169.3865253	Varney-2018	6.043474659
605110.21	5601149.32	82.46690412	54148.2	53808.42	53660.22	54036.45495	-376.2349472	-170.0649472	Varney-2018	5.365052828
605110.52	5601150.26	82.81537724	54148.18	53811.17	53662.99	54036.45014	-373.4601361	-167.2901361	Varney-2018	8.139863855
605110	5601149.62	82.58051477	54148.15	53813.05	53664.9	54036.45271	-371.5527138	-165.3827138	Varney-2018	10.04728617
605110.1	5601149.82	82.65441487	54148.14	53811.73	53663.59	54036.45177	-372.8617666	-166.6917666	Varney-2018	8.738233444
605110.86	5601151.41	83.24179096	54148.12	53810.83	53662.71	54036.44417	-373.7341673	-167.5641673	Varney-2018	7.865832684
605111.51	5601151.2	83.15813175	54148.11	53811.66	53663.55	54036.44687	-372.8968731	-166.7268731	Varney-2018	8.703126903
605111.52	5601151.32	83.20280195	54148.1	53812.42	53664.32	54036.44619	-372.1261933	-165.9561933	Varney-2018	9.473806692
605111.59	5601151.65	83.32528902	54148.08	53811.66	53663.58	54036.44442	-372.8644206	-166.6944206	Varney-2018	8.7355794
605111.91	5601152.17	83.51650101	54148.06	53812.13	53664.07	54036.44211	-372.3721055	-166.2021055	Varney-2018	9.227894483
605112.1	5601152.47	83.62672529	54148.02	53811.32	53663.3	54036.44078	-373.1407833	-166.9707833	Varney-2018	8.459216655
605112.51	5601153.12	83.86544441	54147.98	53810.74	53662.76	54036.43792	-373.6779179	-167.5079179	Varney-2018	7.922082127
605112.52	5601153.01	83.82436699	54147.97	53812.1	53664.13	54036.43858	-372.3085838	-166.1385838	Varney-2018	9.291416189
605112.81	5601153.39	83.96341733	54147.96	53811.64	53663.68	54036.43703	-372.7570254	-166.5870254	Varney-2018	8.842974599
605113.11	5601153.87	84.13956043	54147.95	53812.06	53664.11	54036.43491	-372.3249074	-166.1549074	Varney-2018	9.275092565
605113.32	5601154.16	84.24567977	54147.93	53811.6	53663.67	54036.43369	-372.7636948	-166.5936948	Varney-2018	8.836305166

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605113.46	5601154.34	84.31144133	54147.93	53811.58	53663.65	54036.43296	-372.7829648	-166.6129648	Varney-2018	8.817035187
605113.53	5601154.36	84.31825262	54147.92	53811.95	53664.03	54036.43301	-372.4030086	-166.2330086	Varney-2018	9.196991362
605113.64	5601154.29	84.29119157	54147.92	53811.46	53663.54	54036.43367	-372.8936696	-166.7236696	Varney-2018	8.706330353
605113.55	5601154.31	84.29945411	54147.92	53811.53	53663.61	54036.43335	-372.8233464	-166.6533464	Varney-2018	8.776653561
605112.78	5601152.19	83.51660697	54147.92	53811.55	53663.63	54036.44397	-372.8139699	-166.6439699	Varney-2018	8.786030102
605112.37	5601151.27	83.1772033	54147.91	53811.51	53663.6	54036.44842	-372.8484158	-166.6784158	Varney-2018	8.75158422
605112.21	5601150.93	83.05178402	54147.88	53812.25	53664.37	54036.45004	-372.0800411	-165.9100411	Varney-2018	9.519958918
605112.27	5601150.73	82.97675696	54147.85	53811.02	53663.17	54036.45135	-373.2813468	-167.1113468	Varney-2018	8.318653215
605112.35	5601150.6	82.92766586	54147.84	53811.02	53663.18	54036.45229	-373.2722883	-167.1022883	Varney-2018	8.327711738
605112.39	5601150.52	82.89753246	54147.82	53811.14	53663.32	54036.45285	-373.1328466	-166.9628466	Varney-2018	8.467153351
605112.28	5601150.31	82.82013913	54147.8	53811.44	53663.64	54036.45383	-372.8138257	-166.6438257	Varney-2018	8.786174335
605112.17	5601150.07	82.73155003	54147.78	53810.08	53662.3	54036.45498	-374.1549805	-167.9849805	Varney-2018	7.445019489
605112.05	5601149.89	82.66538957	54147.75	53810.19	53662.44	54036.45576	-374.0157622	-167.8457622	Varney-2018	7.584237819
605111.95	5601149.7	82.59533397	54147.71	53808.16	53660.45	54036.45665	-376.0066479	-169.8366479	Varney-2018	5.593352143
605111.85	5601149.53	82.53272391	54147.71	53807.92	53660.21	54036.45742	-376.2474168	-170.0774168	Varney-2018	5.352583201
605111.78	5601149.4	82.48478953	54147.7	53808.08	53660.38	54036.45802	-376.0780196	-169.9080196	Varney-2018	5.521980412
605111.67	5601149.27	82.4371535	54147.69	53808	53660.31	54036.45853	-376.1485323	-169.9785323	Varney-2018	5.451467671
605111.59	5601149.17	82.40046979	54147.67	53807.81	53660.14	54036.45894	-376.3189373	-170.1489373	Varney-2018	5.281062701
605111.47	5601149.04	82.35289435	54147.66	53808.46	53660.8	54036.45943	-375.6594279	-169.4894279	Varney-2018	5.940572101
605111.41	5601148.99	82.33469766	54147.64	53808.16	53660.52	54036.45959	-375.9395855	-169.7695855	Varney-2018	5.660414534
605111.37	5601148.85	82.2827815	54147.65	53807.81	53660.16	54036.46032	-376.3003151	-170.1303151	Varney-2018	5.299684906
605111.26	5601148.78	82.25749256	54147.66	53807.77	53660.11	54036.46048	-376.3504774	-170.1804774	Varney-2018	5.249522645
605111.22	5601148.94	82.31747363	54147.65	53807.75	53660.1	54036.45945	-376.3594503	-170.1894503	Varney-2018	5.240549704
605111.06	5601149.16	82.40074753	54147.63	53808	53660.37	54036.4578	-376.0878013	-169.9178013	Varney-2018	5.512198733
605111	5601149.43	82.50193382	54147.64	53808.03	53660.39	54036.45608	-376.0660843	-169.8960843	Varney-2018	5.533915653
605110.97	5601149.53	82.53947228	54147.65	53808.02	53660.37	54036.45543	-376.0854308	-169.9154308	Varney-2018	5.514569166
605110.89	5601149.57	82.55501042	54147.65	53808.02	53660.37	54036.45502	-376.0850159	-169.9150159	Varney-2018	5.514984067
605110.85	5601149.62	82.57397403	54147.64	53808.03	53660.39	54036.45463	-376.0646327	-169.8946327	Varney-2018	5.535367314
605110.84	5601149.7	82.60390145	54147.62	53807.91	53660.29	54036.45414	-376.1641414	-169.9941414	Varney-2018	5.435858636
605110.81	5601149.74	82.6190586	54147.6	53808.4	53660.8	54036.45384	-375.6538392	-169.4838392	Varney-2018	5.946160762
605110.82	5601149.81	82.64510087	54147.6	53809.04	53661.44	54036.45345	-375.0134517	-168.8434517	Varney-2018	6.586548343
605110.8	5601149.84	82.65645017	54147.6	53808.88	53661.28	54036.45323	-375.1732307	-169.0032307	Varney-2018	6.426769311
605110.79	5601149.85	82.66025922	54147.6	53810.48	53662.88	54036.45315	-373.5731495	-167.4031495	Varney-2018	8.026850501
605110.77	5601149.85	82.66041447	54147.59	53810.36	53662.77	54036.4531	-373.6831043	-167.5131043	Varney-2018	7.916895686
605110.75	5601149.84	82.65683814	54147.59	53811.04	53663.45	54036.45312	-373.0031177	-166.8331177	Varney-2018	8.596882271
605110.7	5601149.89	82.67588472	54147.6	53810.91	53663.31	54036.45271	-373.1427117	-166.9727117	Varney-2018	8.457288252
605110.63	5601149.94	82.69508854	54147.59	53811.17	53663.58	54036.45226	-372.8722605	-166.7022605	Varney-2018	8.727739472
605110.57	5601149.98	82.71048427	54147.58	53810.84	53663.26	54036.45189	-373.1918905	-167.0218905	Varney-2018	8.408109527
605110.53	5601150	82.71826073	54147.58	53811.1	53663.52	54036.45168	-372.9316828	-166.7616828	Varney-2018	8.668317174
605110.49	5601150.01	82.72230532	54147.59	53811.07	53663.48	54036.45153	-372.9715338	-166.8015338	Varney-2018	8.628466212
605110.44	5601150.07	82.74509069	54147.58	53810.76	53663.18	54036.45107	-373.271069	-167.101069	Varney-2018	8.328930985
605110.78	5601150.35	82.84691111	54147.56	53813.06	53665.5	54036.4502	-370.950197	-164.780197	Varney-2018	10.649803
605110.59	5601149.77	82.63195537	54147.56	53810.08	53662.52	54036.45317	-373.9331665	-167.7631665	Varney-2018	7.666833452
605110.57	5601150.44	82.88216093	54147.55	53808.62	53661.07	54036.44919	-375.3791942	-169.2091942	Varney-2018	6.220805791
605110.77	5601150.42	82.8731108	54147.55	53813.12	53665.57	54036.44976	-370.8797642	-164.7097642	Varney-2018	10.72023582
605109.86	5601151.3	83.2089349	54147.55	53810.86	53663.31	54036.44254	-373.1325413	-166.9625413	Varney-2018	8.467458724
605110.21	5601151.79	83.3889939	54147.55	53816.31	53668.76	54036.44046	-367.6804625	-161.5104625	Varney-2018	13.91953751
605109.96	5601152.23	83.55536792	54147.54	53814.75	53667.21	54036.43731	-369.2273128	-163.0573128	Varney-2018	12.37268723
605109.8	5601151.86	83.41855029	54147.53	53819.67	53672.14	54036.43912	-364.2991193	-158.1291193	Varney-2018	17.30088072
605110.78	5601153.25	83.92904185	54147.51	53814.79	53667.28	54036.4332	-369.1532036	-162.9832036	Varney-2018	12.44679645
605111.45	5601153.85	84.14694415	54147.5	53815.44	53667.94	54036.43122	-368.4912222	-162.3212222	Varney-2018	13.10877778
605111.23	5601154.3	84.31676742	54147.48	53814.44	53666.96	54036.42808	-369.468083	-163.298083	Varney-2018	12.131917
605111.28	5601154.3	84.31631405	54147.45	53815.92	53668.47	54036.4282	-367.9581977	-161.7881977	Varney-2018	13.64180231
605111.13	5601154.75	84.48554482	54147.42	53815.64	53668.22	54036.42522	-368.2052179	-162.0352179	Varney-2018	13.39478208
605110.84	5601156.01	84.95835766	54147.42	53812.39	53664.97	54036.41717	-371.4471689	-165.2771689	Varney-2018	10.1528311
605109.76	5601156.46	85.13674367	54147.43	53817.04	53669.61	54036.41204	-366.8020366	-160.6320366	Varney-2018	14.79796336
605109.77	5601156.89	85.2972279	54147.43	53810.19	53662.76	54036.40954	-373.6495366	-167.4795366	Varney-2018	7.950463355
605108.67	5601156.18	85.04266292	54147.42	53815.36	53667.94	54036.41116	-368.4711633	-162.3011633	Varney-2018	13.12883668
605107.84	5601156.32	85.10300811	54147.42	53818.19	53670.77	54036.40842	-365.6384237	-159.4684237	Varney-2018	15.96157633
605107.65	5601155.76	84.89536626	54147.42	53820.04	53672.62	54036.41128	-363.79128	-157.62128	Varney-2018	17.80872002
605107.86	5601156.62	85.21501638	54147.42	53820.71	53673.29	54036.40671	-363.1167051	-156.9467051	Varney-2018	18.48329489
605107.95	5601158.12	85.77510683	54147.41	53826.85	53679.44	54036.39809	-356.9580904	-150.7880904	Varney-2018	24.64190957
605108.34	5601157.71	85.61784927	54147.4	53825.04	53677.64	54036.40141	-358.7614069	-152.5914069	Varney-2018	22.83859305
605108.68	5601157.52	85.54341104	54147.38	53824.65	53677.27	54036.40331	-359.1333124	-152.9633124	Varney-2018	22.46668764

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605108.68	5601156.87	85.30046418	54147.38	53822.65	53675.27	54036.40713	-361.1371319	-154.9671319	Varney-2018	20.46286814
605108.45	5601156.65	85.22048005	54147.37	53819.01	53671.64	54036.40789	-364.7678928	-158.5978928	Varney-2018	16.83210719
605108.69	5601157.06	85.37138064	54147.35	53820.86	53673.51	54036.40604	-362.8960385	-156.7260385	Varney-2018	18.70396145
605108.84	5601158.12	85.76603964	54147.32	53822.12	53674.8	54036.40016	-361.6001584	-155.4301584	Varney-2018	19.99984155
605108.4	5601159.21	86.17801501	54147.31	53827.19	53679.88	54036.39273	-356.5127287	-150.3427287	Varney-2018	25.08727133
605107.45	5601158.96	86.09446587	54147.29	53815.23	53667.94	54036.39198	-368.4519846	-162.2819846	Varney-2018	13.14801539
605107.18	5601159.59	86.33303184	54147.26	53823.08	53675.82	54036.38765	-360.5676461	-154.3976461	Varney-2018	21.03235386
605107.13	5601159.73	86.38595344	54147.22	53823.66	53676.44	54036.38671	-359.946705	-153.776705	Varney-2018	21.65329496
605108.3	5601159.72	86.36974245	54147.2	53824.26	53677.06	54036.3895	-359.3294971	-153.1594971	Varney-2018	22.27050288
605109.17	5601160.62	86.69672942	54147.18	53826.62	53679.44	54036.38624	-356.9462444	-150.7762444	Varney-2018	24.65375562
605109.51	5601160.47	86.63698811	54147.16	53826.13	53678.97	54036.38792	-357.4179215	-151.2479215	Varney-2018	24.18207852
605109.55	5601160.27	86.56185118	54147.13	53825.39	53678.26	54036.38919	-358.129189	-151.959189	Varney-2018	23.47081097
605109.88	5601160.13	86.50600336	54147.11	53824.85	53677.74	54036.39078	-358.6507827	-152.4807827	Varney-2018	22.9492173
605110.33	5601159.87	86.40410063	54147.09	53824.9	53677.81	54036.39336	-358.5833598	-152.4133598	Varney-2018	23.01664018
605110.73	5601159.93	86.42220998	54147.09	53825.15	53678.06	54036.39394	-358.3339431	-152.1639431	Varney-2018	23.2660569
605111.09	5601160.04	86.4593876	54147.08	53825.3	53678.22	54036.39414	-358.1741404	-152.0041404	Varney-2018	23.42585964
605111.42	5601160.13	86.48940626	54147.07	53825.56	53678.49	54036.39439	-357.9043851	-151.7343851	Varney-2018	23.69561486
605111.16	5601161.15	86.8727062	54147.05	53825.16	53678.11	54036.3878	-358.2778029	-152.1078029	Varney-2018	23.32219706
605111.43	5601161.5	87.00025081	54147.03	53830.22	53683.19	54036.38639	-353.1963875	-147.0263875	Varney-2018	28.40361249
605111.02	5601161.74	87.09437301	54147	53821.47	53674.47	54036.38402	-361.9140181	-155.7440181	Varney-2018	19.68598186
605110.4	5601161.55	87.03042831	54146.99	53824.56	53677.57	54036.38367	-358.813674	-152.643674	Varney-2018	22.78632603
605110.2	5601161.3	86.93933741	54146.97	53828.94	53681.97	54036.38467	-354.41467	-148.24467	Varney-2018	27.18533001
605109.6	5601161.13	86.88251562	54146.96	53822.42	53675.46	54036.38426	-360.9242587	-154.7542587	Varney-2018	20.67574129
605109.28	5601160.94	86.81507641	54146.95	53826.15	53679.2	54036.38462	-357.1846232	-151.0146232	Varney-2018	24.41537676
605109.5	5601161.48	87.01435605	54146.93	53826.21	53679.28	54036.38197	-357.1019696	-150.9319696	Varney-2018	24.49803042
605108.91	5601162.05	87.23395554	54146.91	53826.58	53679.67	54036.37723	-356.7072348	-150.5372348	Varney-2018	24.89276516
605109.02	5601162.21	87.29249445	54146.88	53828.14	53681.26	54036.37655	-355.116554	-148.946554	Varney-2018	26.48344597
605109.11	5601163.14	87.63895321	54146.84	53831.04	53684.2	54036.3713	-352.1713043	-146.0013043	Varney-2018	29.42869569
605110.09	5601163.75	87.85527036	54146.82	53832.77	53685.95	54036.37004	-350.420042	-144.250042	Varney-2018	31.17995804
605109.93	5601164.56	88.15961683	54146.8	53828.08	53681.28	54036.36491	-355.0849114	-148.9149114	Varney-2018	26.51508864
605109.13	5601165.42	88.49060197	54146.8	53835.43	53688.63	54036.35796	-347.7279619	-141.5579619	Varney-2018	33.8720381
605107.96	5601165.68	88.60226029	54146.8	53833.13	53686.33	54036.35365	-350.0236476	-143.8536476	Varney-2018	31.57635244
605107.47	5601166.28	88.83281032	54146.79	53834.22	53687.43	54036.34895	-348.9189488	-142.7489488	Varney-2018	32.68105118
605107.26	5601165.87	88.68203817	54146.77	53838.96	53692.19	54036.35086	-344.1608613	-137.9908613	Varney-2018	37.43913871
605107.44	5601166.26	88.82570519	54146.76	53835.88	53689.12	54036.34899	-347.2289949	-141.0589949	Varney-2018	34.37100507
605107.14	5601167.17	89.17001434	54146.75	53836.61	53689.86	54036.34292	-346.4829206	-140.3129206	Varney-2018	35.11707937
605106.93	5601168.18	89.55073159	54146.75	53839.23	53692.48	54036.33647	-343.8564692	-137.6864692	Varney-2018	37.74353079
605106.58	5601169.08	89.89227224	54146.74	53836.81	53690.07	54036.33033	-346.2603253	-140.0903253	Varney-2018	35.3396747
605107.14	5601168.86	89.80243949	54146.72	53839.42	53692.7	54036.33297	-343.6329697	-137.4629697	Varney-2018	37.96703033
605107.01	5601169.46	90.02872589	54146.7	53836.71	53690.01	54036.32912	-346.3191232	-140.1491232	Varney-2018	35.28087676
605107.42	5601170.19	90.29630309	54146.69	53842.63	53695.94	54036.32582	-340.3858153	-134.2158153	Varney-2018	41.21418466
605107.98	5601171.04	90.60648983	54146.67	53842.8	53696.13	54036.32217	-340.1921698	-134.0221698	Varney-2018	41.40783022
605108.02	5601171.23	90.67698276	54146.66	53840.74	53694.08	54036.32115	-342.2411493	-136.0711493	Varney-2018	39.3588507
605108.08	5601171.27	90.69109842	54146.65	53840.95	53694.3	54036.32106	-342.0210596	-135.8510596	Varney-2018	39.5789404
605108.21	5601171.55	90.79396527	54146.63	53843.13	53696.5	54036.31973	-339.8197286	-133.6497286	Varney-2018	41.78027138
605108.35	5601172.1	90.99761121	54146.6	53844.7	53698.1	54036.31684	-338.2168353	-132.0468353	Varney-2018	43.38316475
605108.65	5601171.69	90.84007783	54146.58	53844.43	53697.85	54036.31997	-338.4699743	-132.2999743	Varney-2018	43.13002571
605108.57	5601171.91	90.92344651	54146.56	53843.2	53696.64	54036.31849	-339.678487	-133.508487	Varney-2018	41.92151299
605108.81	5601173	91.32739245	54146.55	53848.2	53701.65	54036.31267	-334.6626665	-128.4926665	Varney-2018	46.9373335
605108.3	5601173.13	91.38341774	54146.54	53846.72	53700.18	54036.31066	-336.1306581	-129.9606581	Varney-2018	45.46934187
605108.51	5601173.81	91.63454756	54146.54	53848.57	53702.03	54036.30717	-334.2771739	-128.1071739	Varney-2018	47.32282608
605107.62	5601173.7	91.60656181	54146.54	53855.88	53709.34	54036.30564	-326.9656445	-120.7956445	Varney-2018	54.63435545
605107.82	5601173.01	91.34553891	54146.54	53853.68	53707.14	54036.31019	-329.1701927	-123.0001927	Varney-2018	52.42980731
605107.1	5601172.82	91.28491505	54146.53	53853.23	53706.7	54036.30956	-329.6095551	-123.4395551	Varney-2018	51.99044492
605106.89	5601173.76	91.63979187	54146.53	53853.64	53707.11	54036.30351	-329.1935064	-123.0235064	Varney-2018	52.40649358
605105.95	5601174.37	91.88216478	54146.52	53856.52	53710	54036.29761	-326.2976104	-120.1276104	Varney-2018	55.30238958
605106.2	5601175.15	92.17052994	54146.52	53855.13	53708.61	54036.29362	-327.6836245	-121.5136245	Varney-2018	53.91637553
605105.8	5601174.67	91.99679053	54146.51	53852.1	53705.59	54036.29547	-330.7054733	-124.5354733	Varney-2018	50.89452666
605106.11	5601174.55	91.94718547	54146.5	53851.07	53704.57	54036.29694	-331.7269411	-125.5569411	Varney-2018	49.87305889
605106.41	5601175.63	92.34706811	54146.48	53852.82	53706.34	54036.29131	-329.9513112	-123.7813112	Varney-2018	51.64868879
605106.08	5601176.07	92.5169166	54146.47	53858.16	53711.69	54036.28791	-324.597905	-118.427905	Varney-2018	57.00209495
605106.08	5601176.67	92.74163276	54146.45	53854	53707.55	54036.28437	-328.7343672	-122.5643672	Varney-2018	52.86563279
605105.89	5601177.39	93.01430162	54146.44	53851.26	53704.82	54036.27965	-331.4596518	-125.2896518	Varney-2018	50.14034817
605104.29	5601177.35	93.02464243	54146.43	53850.07	53703.64	54036.27593	-332.6359306	-126.4659306	Varney-2018	48.96406943

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605100.89	5601179.98	94.06746516	54145.12	53848.55	53703.43	54036.25191	-332.8219079	-126.6519079	Varney-2018	48.77809215
605099.92	5601180.55	94.29807619	54145.1	53851.7	53706.6	54036.2461	-329.6461007	-123.4761007	Varney-2018	51.9538993
605099.96	5601181.51	94.65867447	54145.08	53851.82	53706.74	54036.24049	-329.5004944	-123.3304944	Varney-2018	52.09950563
605099.91	5601182.03	94.85522181	54145.07	53851.52	53706.45	54036.23728	-329.787278	-123.617278	Varney-2018	51.81272201
605100.62	5601183.29	95.3169313	54145.05	53850.84	53705.79	54036.23158	-330.4415768	-124.2715768	Varney-2018	51.15842315
605097.83	5601182.57	95.09454913	54145.04	53850.57	53705.53	54036.22884	-330.6988392	-124.5288392	Varney-2018	50.90116079
605098.52	5601182.99	95.2408043	54145.02	53856.78	53711.76	54036.22807	-324.4680726	-118.2980726	Varney-2018	57.13192743
605098.57	5601183.75	95.5262446	54144.99	53852.46	53707.47	54036.22367	-328.7536728	-122.5836728	Varney-2018	52.84632725
605099.46	5601185.47	96.15801325	54144.95	53852.03	53707.08	54036.21569	-329.1356878	-122.9656878	Varney-2018	52.46431216
605098.64	5601186.27	96.47431175	54144.93	53852.83	53707.9	54036.20884	-328.3088446	-122.1388446	Varney-2018	53.29115545
605097.51	5601186.95	96.75154045	54144.9	53857.64	53712.74	54036.20192	-323.4619165	-117.2919165	Varney-2018	58.13808352
605096.57	5601187.94	97.14260774	54144.87	53857.35	53712.48	54036.19361	-323.7136107	-117.5436107	Varney-2018	57.88638927
605095.67	5601188.77	97.47303914	54144.84	53859.39	53714.55	54036.18635	-321.6363494	-115.4663494	Varney-2018	59.96365058
605094.81	5601189.23	97.66333398	54144.83	53861.61	53716.78	54036.18139	-319.4013933	-113.2313933	Varney-2018	62.19860666
605093.56	5601189.66	97.85009908	54144.81	53862.42	53717.61	54036.17561	-318.5656089	-112.3956089	Varney-2018	63.03439108
605093.33	5601189.85	97.92644036	54144.81	53861.58	53716.77	54036.17388	-319.4038789	-113.2338789	Varney-2018	62.19612112
605093.35	5601190.12	98.02818078	54144.8	53864.32	53719.52	54036.17231	-316.6523115	-110.4823115	Varney-2018	64.94768848
605093.3	5601190.02	97.99133192	54144.81	53861.78	53716.97	54036.17278	-319.2027825	-113.0327825	Varney-2018	62.39721753
605093.05	5601190.04	98.00378473	54144.82	53864.78	53719.96	54036.17202	-316.2120196	-110.0420196	Varney-2018	65.38798044
605092.76	5601190.06	98.01702268	54144.82	53862.08	53717.26	54036.17115	-318.9111537	-112.7411537	Varney-2018	62.68884631
605092.54	5601189.94	97.97590506	54144.81	53863.04	53718.23	54036.17131	-317.941308	-111.771308	Varney-2018	63.65869197
605092.76	5601189.75	97.89970833	54144.81	53862.67	53717.86	54036.17301	-318.3130137	-112.1430137	Varney-2018	63.2869863
605092.92	5601189.74	97.8928102	54144.81	53862.72	53717.91	54036.17348	-318.2634848	-112.0934848	Varney-2018	63.33651516
605093.19	5601189.58	97.82702649	54144.78	53863	53718.22	54036.17514	-317.9551381	-111.7851381	Varney-2018	63.64486188
605093.22	5601189.32	97.72808645	54144.74	53861.69	53716.95	54036.17677	-319.2267742	-113.0567742	Varney-2018	62.37322575
605092.58	5601189.8	97.9221362	54144.72	53863.2	53718.48	54036.17225	-317.6922511	-111.5222511	Varney-2018	63.90774892
605091.72	5601189.15	97.69270807	54144.69	53862.9	53718.21	54036.17395	-317.9639461	-111.7939461	Varney-2018	63.63605392
605091.05	5601189.01	97.65258031	54144.66	53863.26	53718.6	54036.17307	-317.5730694	-111.4030694	Varney-2018	64.02693064
605090.25	5601187.9	97.2470999	54144.63	53862.04	53717.41	54036.1777	-318.7676999	-112.5976999	Varney-2018	62.83230009
605089.32	5601186.87	96.8738715	54144.61	53860.47	53715.86	54036.18153	-320.3215311	-114.1515311	Varney-2018	61.27846893
605089.09	5601185.44	96.33545511	54144.59	53860.05	53715.46	54036.18957	-320.7295661	-114.5595661	Varney-2018	60.87043393
605088.2	5601185.2	96.2605083	54144.61	53859.4	53714.79	54036.18876	-321.3987574	-115.2287574	Varney-2018	60.20124261
605088.01	5601185.08	96.21837378	54144.63	53859.28	53714.65	54036.189	-321.5390003	-115.3690003	Varney-2018	60.06099969
605087.97	5601184.58	96.02917848	54144.63	53858.83	53714.2	54036.19192	-321.9919176	-115.8219176	Varney-2018	59.60808237
605087.76	5601184.39	95.96076659	54144.64	53858.51	53713.87	54036.19253	-322.3225338	-116.1525338	Varney-2018	59.27746617
605087.78	5601184.59	96.03638753	54144.65	53857.78	53713.13	54036.19138	-323.0613766	-116.8913766	Varney-2018	58.53862337
605087.09	5601184.58	96.04497269	54144.66	53858.8	53714.14	54036.18969	-322.0496917	-115.8796917	Varney-2018	59.55030833
605086.15	5601184.08	95.8716578	54144.66	53860.68	53716.02	54036.19034	-320.1703397	-114.0003397	Varney-2018	61.42966033
605085.76	5601184.15	95.90523436	54144.65	53859.81	53715.16	54036.18893	-321.0289309	-114.8589309	Varney-2018	60.57106913
605085.56	5601183.69	95.73374804	54144.64	53859.29	53714.65	54036.19121	-321.5412114	-115.3712114	Varney-2018	60.05878858
605085.34	5601183.93	95.82898545	54144.63	53861.93	53717.3	54036.1892	-318.8892026	-112.7192026	Varney-2018	62.71079741
605084.86	5601183.58	95.70424637	54144.62	53857.65	53713.03	54036.19011	-323.1601124	-116.9901124	Varney-2018	58.43988762
605084.89	5601184.23	95.95119869	54144.6	53858.84	53714.24	54036.18625	-321.9462482	-115.7762482	Varney-2018	59.65375179
605083.95	5601184.07	95.90701055	54144.59	53862.54	53717.95	54036.18484	-318.234844	-112.064844	Varney-2018	63.36515599
605083.58	5601183.91	95.85261584	54144.57	53860.53	53715.96	54036.18488	-320.224881	-114.054881	Varney-2018	61.375119
605083.73	5601184.11	95.92616946	54144.55	53856.42	53711.87	54036.18405	-324.3140456	-118.1440456	Varney-2018	57.28595442
605083.4	5601183.94	95.86724646	54144.53	53858.97	53714.44	54036.18424	-321.7442444	-115.5742444	Varney-2018	59.85575556
605083.47	5601183.95	95.86981482	54144.54	53860.13	53715.59	54036.18436	-320.5943604	-114.4243604	Varney-2018	61.00563957
605083.11	5601183.76	95.80376951	54144.55	53860.39	53715.84	54036.18461	-320.3446059	-114.1746059	Varney-2018	61.25539415
605082.64	5601183.33	95.64808944	54144.55	53861.2	53716.65	54036.18603	-319.5360339	-113.3660339	Varney-2018	62.06396615
605082.64	5601183.49	95.70911366	54144.56	53861.41	53716.85	54036.18506	-319.3350613	-113.1650613	Varney-2018	62.26493875
605081.88	5601183.53	95.73777613	54144.56	53857.68	53713.12	54036.1829	-323.0629019	-116.8929019	Varney-2018	58.53709811
605081.08	5601183.81	95.85880863	54144.56	53859.66	53715.1	54036.17918	-321.0791794	-114.9091794	Varney-2018	60.52082064
605080.02	5601184.35	96.08396576	54144.56	53861.17	53716.61	54036.17321	-319.5632109	-113.3932109	Varney-2018	62.03678911
605079.41	5601184.85	96.28604719	54144.55	53863.52	53718.97	54036.16862	-317.198617	-111.028617	Varney-2018	64.40138296
605079.53	5601185.32	96.46357125	54144.53	53863.85	53719.32	54036.16605	-316.8460524	-110.6760524	Varney-2018	64.75394757
605079.93	5601185.92	96.68562294	54144.5	53869.76	53725.26	54036.16341	-310.9034066	-104.7334066	Varney-2018	70.69659338
605079.83	5601185.89	96.67599027	54144.48	53867.91	53723.43	54036.16334	-312.7333357	-106.5633357	Varney-2018	68.86666435
605079.74	5601186.02	96.72733291	54144.45	53864.2	53719.75	54036.16231	-316.4123139	-110.2423139	Varney-2018	65.1876861
605080.2	5601186.65	96.95961625	54144.45	53869.72	53725.27	54036.15964	-310.889641	-104.719641	Varney-2018	70.71035896
605079.87	5601186.42	96.87783026	54144.45	53863.55	53719.1	54036.1602	-317.0602041	-110.8902041	Varney-2018	64.53979593
605080.52	5601186.32	96.82761101	54144.46	53861.97	53717.51	54036.16247	-318.6524671	-112.4824671	Varney-2018	62.94753292
605080.43	5601187.02	97.0967069	54144.48	53866.58	53722.1	54036.15797	-314.057971	-107.887971	Varney-2018	67.54202897
605080.34	5601187.54	97.29706609	54144.5	53865.06	53720.56	54036.15457	-315.5945714	-109.4245714	Varney-2018	66.00542861

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605080.09	5601188.01	97.48138023	54144.52	53861.6	53717.08	54036.15107	-319.0710669	-112.9010669	Varney-2018	62.52893309
605079.95	5601188.68	97.74010126	54144.54	53866.87	53722.33	54036.14662	-313.8166222	-107.6466222	Varney-2018	67.78337776
605080.27	5601189.31	97.97469388	54144.57	53866.68	53722.11	54036.1436	-314.0336006	-107.8636006	Varney-2018	67.56639935
605080.05	5601188.91	97.82608324	54144.56	53866.3	53721.74	54036.14548	-314.4054756	-108.2354756	Varney-2018	67.19452437
605080.09	5601188.76	97.76799214	54144.54	53864.67	53720.13	54036.14649	-316.016493	-109.846493	Varney-2018	65.58350705
605079.92	5601188.57	97.69863387	54144.5	53866.07	53721.57	54036.14722	-314.5772164	-108.4072164	Varney-2018	67.02278361
605079.72	5601188.41	97.64129627	54144.45	53865.62	53721.17	54036.14768	-314.9776805	-108.8076805	Varney-2018	66.62231948
605079.61	5601188.45	97.6586857	54144.4	53866.02	53721.62	54036.14715	-314.5271549	-108.3571549	Varney-2018	67.07284509
605079.62	5601188.48	97.66996348	54144.35	53865.74	53721.39	54036.147	-314.7569974	-108.5869974	Varney-2018	66.84300257
605079.65	5601188.49	97.67321351	54144.34	53865.54	53721.2	54036.14701	-314.9470132	-108.7770132	Varney-2018	66.65298679
605079.69	5601188.53	97.68774039	54144.32	53865.75	53721.43	54036.14687	-314.7168715	-108.5468715	Varney-2018	66.88312846
605079.7	5601188.51	97.67990405	54144.32	53865.87	53721.55	54036.14702	-314.5970192	-108.4270192	Varney-2018	67.00298083
605079.8	5601188.46	97.65888228	54144.31	53865.4	53721.09	54036.14758	-315.0575802	-108.8875802	Varney-2018	66.54241978
605079.88	5601188.6	97.71086492	54144.31	53866.11	53721.8	54036.14693	-314.346931	-108.176931	Varney-2018	67.25306903
605080.01	5601188.7	97.74659569	54144.31	53865.65	53721.34	54036.14665	-314.8066539	-108.6366539	Varney-2018	66.79334606
605079.42	5601189.45	98.04465717	54144.3	53865.1	53720.8	54036.14056	-315.3405648	-109.1705648	Varney-2018	66.25943525
605080.14	5601190.17	98.30584316	54144.28	53869.34	53725.06	54036.13802	-311.0780226	-104.9080226	Varney-2018	70.52197745
605079.88	5601189.92	98.21538318	54144.25	53865.72	53721.47	54036.13888	-314.6688786	-108.4988786	Varney-2018	66.93112136
605079.78	5601190.1	98.28613781	54144.21	53865.7	53721.49	54036.13752	-314.6475233	-108.4775233	Varney-2018	66.95247665
605079.84	5601190.11	98.28878602	54144.19	53867.2	53723.01	54036.13762	-313.1276167	-106.9576167	Varney-2018	68.47238331
605079.54	5601191.01	98.63873642	54144.17	53866.17	53722	54036.13135	-314.1313523	-107.9613523	Varney-2018	67.46864768
605079.45	5601191.51	98.83168991	54144.18	53868.05	53723.87	54036.12807	-312.2580684	-106.0880684	Varney-2018	69.34193163
605078.73	5601191.81	98.9608402	54144.19	53867.42	53723.23	54036.12438	-312.8943755	-106.7243755	Varney-2018	68.70562446
605078.92	5601191.35	98.78108073	54144.19	53868.35	53724.16	54036.12768	-311.9676764	-105.7976764	Varney-2018	69.63232361
605078.66	5601191.24	98.74418088	54144.2	53867.5	53723.3	54036.12768	-312.8276771	-106.6576771	Varney-2018	68.77232291
605079.4	5601192.47	99.18547013	54144.18	53870.61	53726.43	54036.12246	-309.6924581	-103.5224581	Varney-2018	71.90754185
605079.21	5601192.15	99.08122587	54144.16	53865.87	53721.71	54036.12354	-314.4135408	-108.2435408	Varney-2018	67.18645915
605078.67	5601192.19	99.10741925	54144.14	53867.88	53723.74	54036.1219	-312.3818987	-106.2118987	Varney-2018	69.21810127
605079.16	5601193.69	99.55435556	54144.11	53867.53	53723.42	54036.11711	-312.6971075	-106.5271075	Varney-2018	68.90289245
605078.19	5601193.9	99.63671138	54144.07	53867.44	53723.37	54036.11378	-312.7437793	-106.5737793	Varney-2018	68.8562207
605078.34	5601194.41	99.78586717	54144.03	53871.04	53727.01	54036.11219	-309.1021906	-102.9321906	Varney-2018	72.49780943
605078.81	5601195.27	100.0329408	54144.02	53865.3	53721.28	54036.11008	-314.8300751	-108.6600751	Varney-2018	66.76992487
605078.37	5601196.21	100.3224353	54144	53865.54	53721.54	54036.10529	-314.5652889	-108.3952889	Varney-2018	67.03471108
605077.87	5601197.04	100.5803757	54143.99	53869.73	53725.74	54036.10077	-310.3607722	-104.1907722	Varney-2018	71.23922776
605077.56	5601197.38	100.6882083	54143.97	53870.81	53726.84	54036.09865	-309.2586485	-103.0886485	Varney-2018	72.34135152
605077.45	5601198.1	100.9053728	54143.97	53872.87	53728.9	54036.09557	-307.19557	-101.02557	Varney-2018	74.40443
605077.5	5601199.08	101.196858	54143.96	53870	53726.04	54036.0919	-310.0518987	-103.8818987	Varney-2018	71.54810129
605078.36	5601199.9	101.4238568	54143.95	53873.87	53729.92	54036.09096	-306.170955	-100.000955	Varney-2018	75.42904495
605078.62	5601200.12	101.4841405	54143.93	53873.69	53729.76	54036.09078	-306.3307784	-100.1607784	Varney-2018	75.26922162
605078.32	5601199.86	101.4127453	54143.9	53870.16	53726.26	54036.09101	-309.8310061	-103.6610061	Varney-2018	71.76899389
605078.28	5601199.5	101.3061336	54143.87	53872.28	53728.41	54036.0923	-307.682298	-101.512298	Varney-2018	73.917702
605078.23	5601199.58	101.33104	54143.83	53870.96	53727.13	54036.09186	-308.9618578	-102.7918578	Varney-2018	72.63814224
605078.06	5601199.82	101.4061749	54143.78	53871.34	53727.56	54036.09048	-308.530485	-102.360485	Varney-2018	73.06951505
605078.19	5601199.7	101.3676783	54143.77	53871.52	53727.75	54036.09129	-308.3412884	-102.1712884	Varney-2018	73.25871159
605078.32	5601199.71	101.36798	54143.76	53871.6	53727.84	54036.09159	-308.2515877	-102.0815877	Varney-2018	73.34841226
605078.62	5601201.33	101.8452262	54143.77	53868.2	53724.43	54036.08609	-311.6560871	-105.4860871	Varney-2018	69.9439129
605078.78	5601201.73	101.9612731	54143.79	53872.44	53728.65	54036.08495	-307.4349529	-101.2649529	Varney-2018	74.16504712
605079.51	5601202.29	102.1132098	54143.82	53871.76	53727.94	54036.08468	-308.1446833	-101.9746833	Varney-2018	73.4553167
605080.44	5601203.21	102.3683295	54143.85	53873.35	53729.5	54036.08354	-306.5835413	-100.4135413	Varney-2018	75.01645869
605081.26	5601203.89	102.554065	54143.83	53874.01	53730.18	54036.08304	-305.9030446	-99.73304463	Varney-2018	75.69695537
605082.03	5601204.81	102.8123558	54143.81	53873.55	53729.74	54036.08149	-306.34149	-100.17149	Varney-2018	75.25851003
605082.03	5601204.85	102.8242847	54143.8	53873.45	53729.65	54036.08134	-306.4313351	-100.2613351	Varney-2018	75.1686649
605082.72	5601206.28	103.2362448	54143.78	53873.81	53730.03	54036.0776	-306.0475997	-99.87759969	Varney-2018	75.55240031
605083.92	5601207	103.4256725	54143.77	53875.15	53731.38	54036.07795	-304.6979469	-98.52794691	Varney-2018	76.90205309
605084.11	5601207.83	103.6690984	54143.75	53874.84	53731.09	54036.07523	-304.9852321	-98.81523208	Varney-2018	76.61476792
605083.04	5601208.59	103.9182819	54143.75	53872.72	53728.97	54036.06949	-307.0994945	-100.9294945	Varney-2018	74.50050547
605083.15	5601209.2	104.0978328	54143.74	53874.53	53730.79	54036.06742	-305.2774213	-99.10742126	Varney-2018	76.32257874
605083.08	5601209.41	104.1619295	54143.74	53872.8	53729.06	54036.06643	-307.0064254	-100.8364254	Varney-2018	74.59357457
605082.95	5601209.38	104.1557393	54143.73	53875.35	53731.62	54036.0662	-304.4462015	-98.27620152	Varney-2018	77.15379848
605082.74	5601209.35	104.1512437	54143.71	53874.18	53730.47	54036.06577	-305.5957684	-99.4257684	Varney-2018	76.0042316
605082.57	5601209.56	104.2174659	54143.68	53874.97	53731.29	54036.06451	-304.7745108	-98.60451084	Varney-2018	76.82548916
605082.41	5601209.38	104.1671817	54143.64	53872.33	53728.69	54036.06479	-307.3747892	-101.2047892	Varney-2018	74.22521084
605081.93	5601209.17	104.1147248	54143.6	53869.81	53726.21	54036.06435	-309.8543469	-103.6843469	Varney-2018	71.74565314
605081.94	5601208.78	103.9982042	54143.6	53873.92	53730.32	54036.06588	-305.7458831	-99.57588312	Varney-2018	75.85411688

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605082.06	5601209.23	104.129865	54143.59	53874.87	53731.28	54036.06445	-304.7844545	-98.61445452	Varney-2018	76.81554548
605081.62	5601209.29	104.1570795	54143.59	53873.26	53729.67	54036.06307	-306.3930715	-100.2230715	Varney-2018	75.20692855
605081.96	5601210.05	104.3765291	54143.58	53876.13	53732.55	54036.06102	-303.5110179	-97.34101793	Varney-2018	78.08898207
605081.13	5601209.43	104.2092183	54143.58	53868.31	53724.73	54036.06125	-311.3312477	-105.1612477	Varney-2018	70.26875233
605080.28	5601210.17	104.447991	54143.57	53872.09	53728.52	54036.05616	-307.5361572	-101.3661572	Varney-2018	74.06384276
605079.53	5601210.12	104.4489989	54143.58	53873.5	53729.92	54036.05439	-306.1343885	-99.96438851	Varney-2018	75.46561149
605079.16	5601210.58	104.5941128	54143.59	53876.1	53732.51	54036.05164	-303.5416373	-97.37163727	Varney-2018	78.05836273
605078.58	5601211.02	104.7377476	54143.58	53877.57	53733.99	54036.04841	-302.0584133	-95.88841328	Varney-2018	79.54158672
605077.6	5601211.71	104.9645542	54143.56	53875.77	53732.21	54036.04317	-303.8331714	-97.66317138	Varney-2018	77.76682862
605077.35	5601212.75	105.2803153	54143.55	53878.69	53735.14	54036.03848	-300.8984824	-94.72848243	Varney-2018	80.70151757
605077.14	5601214.03	105.666889	54143.54	53874.6	53731.06	54036.03297	-304.9729665	-98.80296652	Varney-2018	76.62703348
605076.27	5601214.89	105.9423108	54143.53	53878.88	53735.35	54036.02735	-300.6773475	-94.50734752	Varney-2018	80.92265248
605076.86	5601215.48	106.1057488	54143.52	53879.84	53736.32	54036.02661	-299.7066065	-93.53660652	Varney-2018	81.89339348
605076.42	5601215.91	106.2435998	54143.51	53874.39	53730.88	54036.02378	-305.143783	-98.97378304	Varney-2018	76.45621696
605077.05	5601217.36	106.6628511	54143.49	53878.81	53735.32	54036.01981	-300.6998118	-94.52981177	Varney-2018	80.90018823
605076.99	5601217.28	106.640269	54143.48	53873.54	53730.06	54036.01996	-305.9599645	-99.78996448	Varney-2018	75.64003552
605075.44	5601218.02	106.894778	54143.47	53881.05	53737.58	54036.01302	-298.4330192	-92.26301924	Varney-2018	83.16698076
605074.52	5601218.11	106.859665	54143.47	53875.64	53732.17	54036.01243	-303.8424255	-97.67242546	Varney-2018	77.75757454
605073.96	5601218.48	106.8176194	54143.46	53883.43	53739.97	54036.01389	-296.0438861	-89.87388611	Varney-2018	85.55611389
605073.67	5601218.6	106.774249	54143.45	53880.71	53737.26	54036.01493	-298.7549262	-92.58492619	Varney-2018	82.84507381
605073.76	5601218.55	106.7839522	54143.44	53881.91	53738.47	54036.01465	-297.5446515	-91.37465152	Varney-2018	84.05534848
605073.68	5601218.73	106.815417	54143.44	53881.71	53738.27	54036.01438	-297.7443797	-91.57437972	Varney-2018	83.85562028
605073.24	5601218.7	106.6866513	54143.43	53882.32	53738.89	54036.01677	-297.1267714	-90.95677143	Varney-2018	84.47322857
605072.45	5601218.88	106.524047	54143.43	53883.21	53739.78	54036.02019	-296.2401908	-90.07019077	Varney-2018	85.35980923
605070.51	5601218.65	105.9283891	54143.42	53888.3	53744.88	54036.03108	-291.1510819	-84.98108188	Varney-2018	90.44891812
605070.63	5601219.02	106.0675724	54143.42	53892.75	53749.33	54036.02913	-286.6991305	-80.52913046	Varney-2018	94.90086954
605070.52	5601219.12	106.0662633	54143.42	53889.82	53746.4	54036.02934	-289.6293434	-83.45934337	Varney-2018	91.97065663
605070.33	5601220.76	106.4850668	54143.43	53888.08	53744.65	54036.02447	-291.374468	-85.20446796	Varney-2018	90.22553204
605070.2	5601221.83	106.7557469	54143.44	53886.74	53743.3	54036.02134	-292.7213427	-86.55134268	Varney-2018	88.87865732
605069.98	5601222.52	106.8914648	54143.48	53886.33	53742.85	54036.02008	-293.170078	-87.00007801	Varney-2018	88.42992199
605069.94	5601223.42	107.1376171	54143.53	53883.24	53739.71	54036.0171	-296.3071014	-90.13710141	Varney-2018	85.29289859
605069.99	5601224.14	107.3579035	54143.55	53890.02	53746.47	54036.01427	-289.5442686	-83.3742686	Varney-2018	92.0557314
605070.41	5601224.84	107.6793522	54143.58	53890.06	53746.48	54036.00943	-289.5294307	-83.3594307	Varney-2018	92.0705693
605070.21	5601225.82	107.9026921	54143.56	53884.16	53740.6	54036.00705	-295.4070541	-89.23705405	Varney-2018	86.19294595
605069.55	5601226.22	107.8247011	54143.54	53889.7	53746.16	54036.00938	-289.8493843	-83.67938427	Varney-2018	91.75061573
605068.45	5601226.86	107.6841527	54143.49	53887.28	53743.79	54036.01344	-292.2234405	-86.05344048	Varney-2018	89.37655952
605067.73	5601227.37	107.6157188	54143.44	53888.22	53744.78	54036.01584	-291.2358384	-85.06583838	Varney-2018	90.36416162
605067.54	5601227.76	107.6688181	54143.42	53887.6	53744.18	54036.01562	-291.8356152	-85.66561519	Varney-2018	89.76438481
605067.47	5601227.43	107.5558152	54143.4	53887.4	53744	54036.01714	-292.0171363	-85.84713629	Varney-2018	89.58286371
605067.51	5601227.54	107.5983924	54143.37	53887.41	53744.04	54036.01653	-291.9765332	-85.80653322	Varney-2018	89.62346678
605067.66	5601227.46	107.6202868	54143.34	53888.08	53744.74	54036.01594	-291.2759371	-85.10593709	Varney-2018	90.32406291
605067.65	5601227.49	107.6257388	54143.34	53887.6	53744.26	54036.01589	-291.7558931	-85.58589312	Varney-2018	89.84410688
605067.59	5601227.57	107.6304215	54143.34	53887.18	53743.84	54036.01597	-292.1759689	-86.00596891	Varney-2018	89.42403109
605067.54	5601227.69	107.6492294	54143.38	53887.77	53744.39	54036.01585	-291.6258521	-85.45585209	Varney-2018	89.97414791
605066.72	5601228.26	107.565001	54143.42	53885.8	53742.38	54036.01871	-293.6387061	-87.46870613	Varney-2018	87.96129387
605066.17	5601229.62	107.777275	54143.43	53890.4	53746.97	54036.01744	-289.0474398	-82.87743977	Varney-2018	92.55256023
605065.56	5601230.47	107.8273157	54143.45	53888.6	53745.15	54036.01829	-290.8682939	-84.69829393	Varney-2018	90.73170607
605065.23	5601231.87	108.1107381	54143.46	53888.02	53744.56	54036.01575	-291.4557532	-85.28575323	Varney-2018	90.14424677
605064.19	5601232.2	107.881372	54143.47	53887.37	53743.9	54036.02104	-292.1210366	-85.95103659	Varney-2018	89.47896341
605063.97	5601232.68	107.9436203	54143.44	53892.85	53749.41	54036.02087	-286.6108727	-80.4408727	Varney-2018	94.9891273
605064.23	5601232.24	107.9045204	54143.41	53889.77	53746.36	54036.02067	-289.6606662	-83.49066617	Varney-2018	91.93933383
605064.47	5601232.15	107.9538611	54143.39	53892.49	53749.1	54036.01949	-286.9194862	-80.74948624	Varney-2018	94.68051376
605063.74	5601232.74	107.8888229	54143.37	53886.6	53743.23	54036.0221	-292.7920967	-86.62209673	Varney-2018	88.80790327
605063.57	5601232.69	107.8228423	54143.37	53888.01	53744.64	54036.0233	-291.3832962	-85.21329623	Varney-2018	90.21670377
605063.3	5601233.33	107.9115608	54143.36	53895.86	53752.5	54036.02297	-283.5229738	-77.35297384	Varney-2018	98.07702616
605063.23	5601233.01	107.803858	54143.37	53891.38	53748.01	54036.02439	-288.0143947	-81.84439471	Varney-2018	93.58560529
605063.61	5601232.81	107.8675502	54143.39	53892.47	53749.08	54036.02268	-286.942677	-80.77267703	Varney-2018	94.65732297
605064.02	5601233.24	108.1106599	54143.4	53891.88	53748.48	54036.01881	-287.5388061	-81.36880614	Varney-2018	94.06119386
605064.23	5601232.96	108.0998331	54143.42	53887.36	53743.94	54036.01839	-292.0783933	-85.90839328	Varney-2018	89.52160672
605064.08	5601232.64	107.9667404	54143.45	53887.67	53744.22	54036.02032	-291.8003235	-85.63032353	Varney-2018	89.79967647
605064.82	5601232.19	108.072332	54143.49	53890.7	53747.21	54036.01722	-288.8072233	-82.63722327	Varney-2018	92.79277673
605064.25	5601233.24	108.1819908	54143.49	53888.61	53745.12	54036.01739	-290.8973859	-84.72738588	Varney-2018	90.70261412
605064.4	5601233.74	108.3643648	54143.5	53892.44	53748.94	54036.01488	-287.0748754	-80.90487538	Varney-2018	94.52512462
605064.6	5601234.28	108.5736525	54143.5	53892.8	53749.3	54036.01192	-286.7119151	-80.5419151	Varney-2018	94.8880849

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605064.75	5601234.05	108.5578752	54143.5	53891.05	53747.55	54036.01171	-288.4617124	-82.2917124	Varney-2018	93.1382876
605064.43	5601233.68	108.3574005	54143.5	53891.75	53748.25	54036.01488	-287.7648793	-81.59487933	Varney-2018	93.83512067
605064.6	5601233.79	108.4402618	54143.49	53893.35	53749.86	54036.01347	-286.1534744	-79.98347438	Varney-2018	95.44652562
605065.19	5601234.2	108.7363201	54143.44	53883.1	53739.66	54036.00849	-296.3484875	-90.17848747	Varney-2018	85.25151253
605064.42	5601234.85	108.6722466	54143.39	53888.71	53745.32	54036.01123	-290.6912327	-84.52123266	Varney-2018	90.90876734
605064.06	5601235.3	108.68097	54143.37	53896.06	53752.69	54036.01208	-283.3220802	-77.1520802	Varney-2018	98.2779198
605064.21	5601236.07	108.9371264	54143.35	53892.83	53749.48	54036.0087	-286.528703	-80.35870303	Varney-2018	95.07129697
605064.85	5601236.72	109.3176694	54143.36	53891.94	53748.58	54036.00255	-287.422547	-81.25254695	Varney-2018	94.17745305
605066.62	5601233.57	109.008569	54143.37	53881.73	53738.36	54036.00166	-297.641655	-91.47165502	Varney-2018	83.95834498
605067.78	5601233.91	109.464672	54143.41	53891.22	53747.81	54035.99331	-288.1833094	-82.0133094	Varney-2018	93.4166906
605065.12	5601236.59	109.3682742	54143.46	53889.83	53746.37	54036.00123	-289.6312335	-83.46123346	Varney-2018	91.96876654
605061.47	5601235.61	107.9457853	54143.49	53891.67	53748.18	54036.02752	-287.8475203	-81.67752035	Varney-2018	93.75247965
605062.11	5601235.54	108.1295941	54143.52	53893.65	53750.13	54036.02367	-285.8936749	-79.72367488	Varney-2018	95.70632512
605063.51	5601235.94	108.6798807	54143.53	53893.21	53749.68	54036.01357	-286.3335656	-80.16356563	Varney-2018	95.26643437
605062.72	5601235.69	108.3625123	54143.55	53894.81	53751.26	54036.01935	-284.7593537	-78.58935374	Varney-2018	96.84064626
605060.28	5601228.01	105.5855196	54143.54	53894.75	53751.21	54036.05699	-284.8469917	-78.67699173	Varney-2018	96.75300827
605066.08	5601239.36	110.4390104	54143.52	53892.7	53749.18	54035.98599	-286.8059881	-80.63598807	Varney-2018	94.79401193
605065.75	5601239.64	110.4084938	54143.49	53893.51	53750.02	54035.98725	-285.9672514	-79.79725144	Varney-2018	95.63274856
605064.99	5601240.76	110.4662214	54143.46	53892.62	53749.16	54035.98868	-286.8286846	-80.65868455	Varney-2018	94.77131545
605063.86	5601241.42	110.2721714	54143.44	53891.51	53748.07	54035.99418	-287.9241794	-81.75417944	Varney-2018	93.67582056
605062.06	5601242.48	109.957393	54143.41	53897.9	53754.49	54036.00312	-281.5131179	-75.3431179	Varney-2018	100.0868821
605061.14	5601242.26	109.5921398	54143.36	53896.21	53752.85	54036.01003	-283.1600308	-76.99003075	Varney-2018	98.43996925
605060.58	5601242.94	109.583421	54143.31	53897.09	53753.78	54036.01186	-282.2318597	-76.06185968	Varney-2018	99.36814032
605060.03	5601243.88	109.6438024	54143.29	53897.99	53754.7	54036.01293	-281.3129263	-75.1429263	Varney-2018	100.2870737
605059.55	5601244.68	109.6890338	54143.26	53897.18	53753.92	54036.01397	-282.0939729	-75.92397295	Varney-2018	99.50602705
605059.81	5601244.61	109.7591826	54143.27	53896.73	53753.46	54036.01236	-282.5523628	-76.38236282	Varney-2018	99.04763718
605059.9	5601244.92	109.8703617	54143.29	53899.4	53756.11	54036.01085	-279.9008504	-73.73085036	Varney-2018	101.6991496
605059.88	5601245.77	110.0845577	54143.3	53897.38	53754.08	54036.00856	-281.9285606	-75.75856063	Varney-2018	99.67143937
605060.25	5601246.72	110.4592258	54143.32	53896.52	53753.2	54036.00322	-282.8032181	-76.63321813	Varney-2018	98.79678187
605060.16	5601247.17	110.5455005	54143.32	53895.95	53752.63	54036.00256	-283.3725625	-77.20256249	Varney-2018	98.22743751
605060.28	5601247.1	110.5687721	54143.33	53899.71	53756.38	54036.00191	-279.6219086	-73.45190863	Varney-2018	101.9780914
605060.25	5601247.86	110.7567227	54143.32	53898.26	53754.94	54035.99993	-281.0599311	-74.88993106	Varney-2018	100.5400689
605060.48	5601248.11	110.9021498	54143.3	53897.88	53754.58	54035.99755	-281.417555	-75.24755499	Varney-2018	100.182445
605059.94	5601248.89	110.9168103	54143.28	53902.62	53759.34	54035.99921	-276.6592087	-70.48920872	Varney-2018	104.9407913
605058.87	5601248.59	110.464391	54143.25	53902.33	53759.08	54036.0078	-276.927803	-70.75780302	Varney-2018	104.672197
605059.4	5601248.21	110.551498	54143.24	53900.01	53756.77	54036.00504	-279.2350448	-73.06504484	Varney-2018	102.3649552
605059.43	5601248.95	110.7535058	54143.23	53899.45	53756.22	54036.00274	-279.7827367	-73.6127367	Varney-2018	101.8172633
605060.32	5601250.34	111.4287179	54143.24	53898.51	53755.27	54035.99227	-280.7222657	-74.55226574	Varney-2018	100.8777343
605061.36	5601250.61	111.8685413	54143.25	53902.29	53759.04	54035.98382	-276.9438228	-70.77382282	Varney-2018	104.6561772
605061.25	5601250.69	111.8505633	54143.25	53902.23	53758.98	54035.9844	-277.0043972	-70.83439717	Varney-2018	104.5956028
605060.87	5601251.09	111.8205698	54143.25	53898.78	53755.53	54035.98603	-280.4560288	-74.28602884	Varney-2018	101.1439712
605062.07	5601251.28	112.2986717	54143.24	53902.12	53758.88	54035.97658	-277.0965756	-70.92657563	Varney-2018	104.5034244
605062.32	5601251.02	112.3186393	54143.23	53903.39	53760.16	54035.97551	-275.8155087	-69.64550869	Varney-2018	105.7844913
605062.77	5601251.33	112.5618377	54143.21	53898.05	53754.84	54035.97123	-281.1312327	-74.96123273	Varney-2018	100.4687673
605062.77	5601251.68	112.6554582	54143.19	53903.95	53760.76	54035.97016	-275.2101629	-69.04016294	Varney-2018	106.3898371
605063.08	5601251.11	112.613476	54143.16	53898	53754.84	54035.96961	-281.1296103	-74.95961032	Varney-2018	100.4703897
605063.71	5601251.42	112.9216867	54143.13	53898.75	53755.62	54035.96398	-280.3439791	-74.17397907	Varney-2018	101.2560209
605063.37	5601251.94	112.9401374	54143.12	53902.87	53759.75	54035.96489	-276.2148924	-70.04489241	Varney-2018	105.3851076
605064.03	5601254.78	113.9457125	54143.1	53898.25	53755.15	54035.95104	-280.8010426	-74.63104261	Varney-2018	100.7989574
605063.83	5601251.62	113.018598	54143.1	53902.65	53759.55	54035.96246	-276.4124623	-70.24246232	Varney-2018	105.1875377
605062.53	5601251.97	112.6469579	54143.11	53897.14	53754.03	54035.97107	-281.9410674	-75.77106738	Varney-2018	99.65893262
605062.49	5601252.14	112.6779623	54143.12	53900.29	53757.17	54035.97085	-278.8008495	-72.63084951	Varney-2018	102.7991505
605061.76	5601253.1	112.670117	54143.13	53901.28	53758.15	54035.97344	-277.8234375	-71.6534375	Varney-2018	103.7765625
605061.39	5601252.93	112.4914753	54143.14	53901.33	53758.19	54035.97673	-277.7867306	-71.61673058	Varney-2018	103.8132694
605061.06	5601253.2	112.4433326	54143.15	53901.43	53758.28	54035.97842	-277.6984212	-71.52842119	Varney-2018	103.9015788
605061.97	5601254.37	113.0831223	54143.16	53908.16	53765	54035.96804	-270.9680422	-64.79804222	Varney-2018	110.6319578
605061.99	5601254.37	113.0904192	54143.18	53900.48	53757.3	54035.96789	-278.6678897	-72.49788969	Varney-2018	102.9321103
605061.87	5601255.04	113.2242928	54143.2	53904.23	53761.03	54035.9668	-274.9367984	-68.76679844	Varney-2018	106.6632016
605062.1	5601254.59	113.1890178	54143.22	53900.15	53756.93	54035.96639	-279.0363884	-72.86638844	Varney-2018	102.5636116
605061.76	5601255.06	113.1892663	54143.23	53904.25	53761.02	54035.96758	-274.9475827	-68.77758269	Varney-2018	106.6524173
605062.32	5601254.72	113.3040311	54143.24	53900.51	53757.27	54035.96431	-278.6943139	-72.52431392	Varney-2018	102.9056861
605062.86	5601253.2	113.0946024	54143.23	53910.71	53767.48	54035.96484	-268.4848379	-62.31483786	Varney-2018	113.1151621
605063.55	5601255.64	114.0018528	54143.21	53904.94	53761.73	54035.95204	-274.2220422	-68.05204223	Varney-2018	107.3779578
605063.51	5601255.44	113.9332468	54143.18	53904.03	53760.85	54035.95297	-275.1029723	-68.93297227	Varney-2018	106.4970277

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605062.57	5601255.69	113.6544295	54143.15	53898.82	53755.67	54035.95945	-280.2894497	-74.11944974	Varney-2018	101.3105503
605062.33	5601255.11	113.4115644	54143.14	53900.01	53756.87	54035.96306	-279.0930572	-72.92305716	Varney-2018	102.5069428
605062.36	5601255.44	113.5104877	54143.12	53904.5	53761.38	54035.96183	-274.5818275	-68.41182747	Varney-2018	107.0181725
605062.2	5601256.31	113.683099	54143.11	53906.45	53763.34	54035.96043	-272.6204344	-66.45043438	Varney-2018	108.9795656
605062.08	5601257.49	113.9522415	54143.09	53901.27	53758.18	54035.95781	-277.7778148	-71.6078148	Varney-2018	103.8221852
605062.73	5601258.62	114.4967861	54143.09	53898.95	53755.86	54035.94927	-280.0892674	-73.91926737	Varney-2018	101.5107326
605062.22	5601259.21	114.4620796	54143.1	53904.96	53761.86	54035.95152	-274.0915248	-67.92152481	Varney-2018	107.5084752
605061.39	5601260.63	114.5236136	54143.11	53903	53759.89	54035.95393	-276.0639253	-69.89392526	Varney-2018	105.5360747
605062.27	5601261.62	115.1224728	54143.13	53901.87	53758.74	54035.94384	-277.2038434	-71.03384337	Varney-2018	104.3961566
605063.56	5601262.23	115.7817557	54143.13	53901.89	53758.76	54035.93146	-277.1714649	-71.00146487	Varney-2018	104.4285351
605063.12	5601262.15	115.5907971	54143.13	53906.38	53763.25	54035.9353	-272.6853046	-66.51530464	Varney-2018	108.9146954
605064.13	5601260.83	115.6219063	54143.13	53902.91	53759.78	54035.93122	-276.1512198	-69.98121984	Varney-2018	105.4487802
605065.05	5601260.53	115.8909361	54143.12	53901.79	53758.67	54035.92476	-277.254759	-71.08475897	Varney-2018	104.345241
605065.77	5601261.44	116.4155916	54143.11	53898.44	53755.33	54035.91599	-280.5859941	-74.41599408	Varney-2018	101.0140059
605065.45	5601262.27	116.5207569	54143.1	53894.3	53751.2	54035.9159	-284.7159003	-78.54590029	Varney-2018	96.88409971
605065.42	5601262.07	116.4543281	54143.09	53906.44	53763.35	54035.91679	-272.5667931	-66.39679309	Varney-2018	109.0332069
605064.62	5601262.58	116.2853626	54143.08	53900.87	53757.79	54035.92169	-278.131694	-71.96169396	Varney-2018	103.468306
605064.88	5601262.65	116.4048563	54143.08	53902.33	53759.25	54035.91934	-276.6693403	-70.49934028	Varney-2018	104.9306597
605065.54	5601263.85	116.9893963	54143.07	53902.56	53759.49	54035.91004	-276.420035	-70.25003505	Varney-2018	105.179965
605065.63	5601265.24	117.4065425	54143.06	53902.58	53759.52	54035.90477	-276.3847683	-70.21476833	Varney-2018	105.2152317
605065.15	5601265.48	117.2835824	54143.04	53902.6	53759.56	54035.90801	-276.3480148	-70.17801476	Varney-2018	105.2519852
605064.83	5601265.7	117.2176469	54143.04	53902.6	53759.56	54035.91	-276.349996	-70.17999596	Varney-2018	105.250004
605064.76	5601265.7	117.1900541	54143.03	53902.2	53759.17	54035.91058	-276.7405843	-70.57058431	Varney-2018	104.8594157
605064.69	5601265.61	117.13794	54143.03	53902.38	53759.35	54035.91146	-276.5614596	-70.39145962	Varney-2018	105.0385404
605064.48	5601265.26	116.9600403	54143.03	53902.28	53759.25	54035.91433	-276.6643343	-70.49433429	Varney-2018	104.9356657
605064.35	5601265.06	116.8546289	54143.03	53902.23	53759.2	54035.91606	-276.716056	-70.54605603	Varney-2018	104.883944
605064.27	5601265.07	116.8259406	54143.04	53902.29	53759.25	54035.91669	-276.6666933	-70.49669332	Varney-2018	104.9333067
605064.22	5601265.15	116.8280124	54143.04	53902.24	53759.2	54035.91686	-276.7168589	-70.54685891	Varney-2018	104.8831411
605064.16	5601265.24	116.8288446	54143.05	53902.28	53759.23	54035.91708	-276.6870773	-70.51707726	Varney-2018	104.9129227
605064	5601265.3	116.7822063	54143.04	53902.31	53759.27	54035.91823	-276.6482285	-70.47822855	Varney-2018	104.9517715
605063.93	5601265.38	116.7763252	54143.02	53902.21	53759.19	54035.91856	-276.7285641	-70.55856407	Varney-2018	104.8714359
605063.94	5601265.41	116.7883743	54142.99	53902.31	53759.32	54035.91839	-276.5983861	-70.42838614	Varney-2018	105.0016139
605063.96	5601265.36	116.7827145	54142.95	53902.23	53759.28	54035.91838	-276.6383753	-70.46837535	Varney-2018	104.9616247
605063.96	5601265.36	116.7827145	54142.94	53902.36	53759.42	54035.91838	-276.4983753	-70.32837535	Varney-2018	105.1016247
605064.11	5601265.3	116.8254525	54142.93	53902.17	53759.24	54035.91731	-276.677307	-70.50730702	Varney-2018	104.922693
605063.87	5601265.06	116.6662166	54142.91	53896.14	53753.23	54035.92007	-282.6900693	-76.52006933	Varney-2018	98.90993067
605063.7	5601264.55	116.4618406	54142.88	53898.34	53755.46	54035.92308	-280.4630821	-74.29308213	Varney-2018	101.1369179
605064.05	5601264.85	116.6800029	54142.88	53903.14	53760.26	54035.91922	-275.6592247	-69.48922468	Varney-2018	105.9407753
605064.35	5601264.26	116.6373662	54142.87	53900.17	53757.3	54035.91859	-278.6185881	-72.4485881	Varney-2018	102.9814119
605064.98	5601264.12	116.845103	54142.84	53901.53	53758.69	54035.9138	-277.2238044	-71.05380443	Varney-2018	104.3761956
605065.75	5601264.43	117.2307867	54142.81	53902.3	53759.49	54035.90641	-276.4164051	-70.24640515	Varney-2018	105.1835949
605065.3	5601263.58	116.8219518	54142.8	53900.32	53757.52	54035.91289	-278.3928939	-72.22289394	Varney-2018	103.2071061
605064.7	5601263.03	116.4388691	54142.78	53899.29	53756.51	54035.9196	-279.4096036	-73.2396036	Varney-2018	102.1903964
605064.09	5601262.37	116.0238373	54142.77	53897.93	53755.16	54035.9267	-280.7666959	-74.59669594	Varney-2018	100.8333041
605064.43	5601262.69	116.2418993	54142.75	53904.1	53761.35	54035.9229	-274.5729014	-68.40290143	Varney-2018	107.0270986
605065.17	5601263.96	116.8754282	54142.75	53908.03	53765.28	54035.91274	-270.6327435	-64.46274352	Varney-2018	110.9672565
605065.01	5601264.26	116.895066	54142.76	53894.26	53751.5	54035.91311	-284.4131061	-78.24310607	Varney-2018	97.18689393
605064.19	5601265.55	116.9246953	54142.75	53906.22	53763.47	54035.91585	-272.4458483	-66.27584829	Varney-2018	109.1541517
605063.65	5601266.71	117.0249747	54142.74	53902.61	53759.87	54035.91677	-276.0467657	-69.87676571	Varney-2018	105.5532343
605063.48	5601266.86	116.9979179	54142.72	53901.59	53758.87	54035.91774	-277.0477406	-70.87774056	Varney-2018	104.5522594
605063.51	5601267.12	117.0798784	54142.69	53912.72	53770.03	54035.91668	-265.8866781	-59.7166781	Varney-2018	115.7133219
605063.84	5601269.32	117.7379668	54142.67	53902.21	53759.54	54035.90878	-276.3687842	-70.19878423	Varney-2018	105.2312158
605062.69	5601269.06	117.2213042	54142.64	53908.96	53766.32	54035.91908	-269.5990804	-63.42908037	Varney-2018	112.0009196
605062.73	5601270.07	117.447665	54142.63	53903.22	53760.59	54035.91724	-275.3272375	-69.1572375	Varney-2018	106.2727625
605062.74	5601270.63	117.5682999	54142.62	53914.7	53772.08	54035.91632	-263.83632	-57.66631997	Varney-2018	117.76368
605061.89	5601270.81	117.2621396	54142.62	53908.08	53765.46	54035.92342	-270.4634249	-64.29342486	Varney-2018	111.1365751
605061.3	5601271.26	117.1164115	54142.61	53904.4	53761.79	54035.9279	-274.137898	-67.96789796	Varney-2018	107.462102
605061.63	5601274.7	117.9609981	54142.61	53908.5	53765.89	54035.92007	-270.030066	-63.86006595	Varney-2018	111.569934
605061.58	5601273.47	117.6863871	54142.61	53914.96	53772.35	54035.92228	-263.5722796	-57.40227959	Varney-2018	118.0277204
605064.28	5601275.89	119.2969915	54142.6	53909.26	53766.66	54035.89487	-269.2348691	-63.06486906	Varney-2018	112.3651309
605063.42	5601275.69	118.9014074	54142.59	53907.26	53764.67	54035.90279	-271.2327907	-65.06279066	Varney-2018	110.3672093
605062.88	5601275.61	118.6627613	54142.59	53912.56	53769.97	54035.90769	-265.9376903	-59.76769032	Varney-2018	115.6623097
605063.54	5601277.72	119.3756744	54142.59	53910.96	53768.37	54035.89866	-267.5286558	-61.35865579	Varney-2018	114.0713442
605063.54	5601277.32	119.2919424	54142.58	53916.05	53773.47	54035.89926	-262.4292612	-56.25926121	Varney-2018	119.1707388

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605062.73	5601278.53	119.2090764	54142.56	53924.27	53781.71	54035.90469	-254.1946854	-48.02468538	Varney-2018	127.4053146
605061.32	5601279.05	118.7311651	54142.55	53928.05	53785.5	54035.91657	-250.416571	-44.24657097	Varney-2018	131.183429
605059.37	5601279.21	117.9530597	54142.53	53928.29	53785.76	54035.93386	-250.1738579	-44.0038579	Varney-2018	131.4261421
605059.04	5601279.81	117.937643	54142.54	53925.88	53783.34	54035.93601	-252.5960135	-46.42601353	Varney-2018	129.0039865
605058.49	5601280.26	117.7994529	54142.55	53921.08	53778.53	54035.94037	-257.4103688	-51.24036876	Varney-2018	124.1896312
605057.52	5601280.22	117.3865267	54142.56	53917.62	53775.06	54035.94917	-260.8891711	-54.71917106	Varney-2018	120.7108289
605055.91	5601280.12	116.6947134	54142.57	53915.46	53772.89	54035.96382	-263.0738162	-56.90381617	Varney-2018	118.5261838
605053.96	5601279.48	115.7556898	54142.57	53912.75	53770.18	54035.98214	-265.8021403	-59.6321403	Varney-2018	115.7978597
605053.52	5601279.51	115.5783686	54142.58	53917.86	53775.28	54035.98606	-260.7060627	-54.53606268	Varney-2018	120.8939373
605053.09	5601280.49	115.590247	54142.59	53912.24	53769.65	54035.98882	-266.3388241	-60.16882411	Varney-2018	115.2611759
605053.68	5601280.87	115.9110476	54142.6	53911.99	53769.39	54035.98306	-266.5930595	-60.4230595	Varney-2018	115.0069405
605053.98	5601281.32	116.1247469	54142.6	53914.34	53771.74	54035.97982	-264.2398238	-58.06982383	Varney-2018	117.3601762
605053.81	5601280.46	115.8851377	54142.61	53911.4	53768.79	54035.98236	-267.1923573	-61.02235734	Varney-2018	114.4076427
605053.58	5601279.51	115.6033507	54142.61	53914.09	53771.48	54035.98552	-264.5055231	-58.33552307	Varney-2018	117.0944769
605051.95	5601279.57	114.9362648	54142.61	53918.09	53775.48	54036.00012	-260.5201175	-54.35011751	Varney-2018	121.0798825
605051.63	5601280.59	114.9996406	54142.61	53920.26	53777.65	54036.0019	-258.3519001	-52.18190009	Varney-2018	123.2480999
605050.78	5601280.37	114.6022998	54142.61	53929.35	53786.74	54036.00981	-249.269808	-43.09980804	Varney-2018	132.330192
605050.77	5601282.98	115.0981738	54142.62	53933.16	53790.54	54036.00718	-245.4671763	-39.29717633	Varney-2018	136.1328237
605050.75	5601283.4	115.1702061	54142.64	53939.62	53796.98	54036.00692	-239.0269211	-32.85692105	Varney-2018	142.5730789
605050.07	5601283.26	114.8567148	54142.64	53939.63	53796.99	54036.01328	-239.0232766	-32.85327661	Varney-2018	142.5767234
605050.18	5601283.72	114.9908426	54142.64	53941.03	53798.39	54036.0118	-237.6218024	-31.45180238	Varney-2018	143.9781976
605050.09	5601284.63	115.1263303	54142.64	53956.66	53814.02	54036.0117	-221.9916995	-15.82169954	Varney-2018	159.6083005
605048.99	5601285.05	114.7399308	54142.63	53958.15	53815.52	54036.02139	-220.5013897	-14.33138966	Varney-2018	161.0986103
605048.2	5601284.95	114.3861183	54142.62	53963.73	53821.11	54036.02875	-214.9187508	-8.748750759	Varney-2018	166.6812492
605046.9	5601284.23	113.7009418	54142.61	53963.88	53821.27	54036.04135	-214.7713513	-8.601351335	Varney-2018	166.8286487
605046.26	5601284.81	113.5377581	54142.6	53967.71	53825.11	54036.04671	-210.9367101	-4.766710133	Varney-2018	170.6632899
605045.38	5601285.64	113.3176799	54142.58	53971.78	53829.2	54036.0541	-206.8540957	-0.68409572	Varney-2018	174.7459043
605044.71	5601285.99	113.0971178	54142.57	53962.83	53820.26	54036.05999	-215.799986	-9.629985995	Varney-2018	165.800014
605044.51	5601286.68	113.1382404	54142.55	53955.5	53812.95	54036.06127	-223.1112721	-16.94127209	Varney-2018	158.4887279
605042.88	5601286.31	112.3764922	54142.55	53953.37	53810.82	54036.07664	-225.2566408	-19.08664076	Varney-2018	156.3433592
605041.56	5601287.67	112.0575789	54142.55	53952.58	53810.03	54036.08789	-226.0578865	-19.88788651	Varney-2018	155.5421135
605040.84	5601289.51	112.0767754	54142.55	53950.78	53808.23	54036.09333	-227.863333	-21.69333297	Varney-2018	153.736667
605041.21	5601290.22	112.362571	54142.54	53950.86	53808.32	54036.08938	-227.7693787	-21.59937865	Varney-2018	153.8306213
605042.06	5601291	112.8691325	54142.55	53955.29	53812.74	54036.08084	-223.3408355	-17.17083546	Varney-2018	158.2591645
605042.36	5601291.41	113.0725931	54142.57	53963.26	53820.69	54036.07771	-215.3877098	-9.21770981	Varney-2018	166.2122902
605042.84	5601291.78	113.347197	54142.58	53973.95	53831.37	54036.0729	-204.7029046	1.467095404	Varney-2018	176.8970954
605043.07	5601292.87	113.6440556	54142.59	53978.4	53835.81	54036.0699	-200.2599046	5.910095389	Varney-2018	181.3400954
605042.35	5601293.74	113.4874145	54142.59	53968.17	53825.58	54036.0761	-210.4960972	-4.326097234	Varney-2018	171.1039028
605042.12	5601292.91	113.2380573	54142.58	53971.95	53829.37	54036.07889	-206.7088874	-0.538887405	Varney-2018	174.8911126
605041.48	5601291.7	112.7434602	54142.58	53970	53827.42	54036.08581	-208.665807	-2.495807042	Varney-2018	172.934193
605038.91	5601292.83	111.8277524	54142.57	53970.34	53827.77	54036.10939	-208.3393909	-2.169390863	Varney-2018	173.2606091
605039.18	5601292.97	111.9697363	54142.57	53970.29	53827.72	54036.10674	-208.3867438	-2.216743821	Varney-2018	173.2132562
605039.67	5601294.73	112.4929777	54142.56	53971.13	53828.57	54036.10098	-207.5309784	-1.36097836	Varney-2018	174.0690216
605040.4	5601297.04	113.221656	54142.56	53971.19	53828.63	54036.09248	-207.4624773	-1.292477253	Varney-2018	174.1375227
605040.35	5601297.12	113.2137891	54142.56	53969.3	53826.74	54036.09291	-209.3529065	-3.182906532	Varney-2018	172.2470935
605040.19	5601296.94	113.1114154	54142.56	53960.59	53818.03	54036.09457	-218.0645669	-11.8945669	Varney-2018	163.5354331
605042.71	5601299.02	114.5968984	54142.57	53968.06	53825.49	54036.06873	-210.5787326	-4.408732618	Varney-2018	171.0212674
605042.19	5601299.7	114.4884694	54142.57	53969.7	53827.13	54036.07329	-208.9432891	-2.773289092	Varney-2018	172.6567109
605041.91	5601300.5	114.5074583	54142.58	53980.82	53838.24	54036.07544	-197.8354426	8.33455742	Varney-2018	183.7645574
605042.55	5601302.98	115.2394189	54142.58	53972.69	53830.11	54036.06736	-205.9573564	0.212643594	Varney-2018	175.6426436
605042.76	5601304.41	115.5917644	54142.58	53977.67	53835.09	54036.06422	-200.9742169	5.195783141	Varney-2018	180.6257831
605042.92	5601304.41	115.6639178	54142.58	53976.76	53834.18	54036.06263	-201.882631	4.287368966	Varney-2018	179.717369
605041.51	5601304.5	115.0441511	54142.57	53967	53824.43	54036.07654	-211.646543	-5.476542964	Varney-2018	169.953457
605041.51	5601304.82	115.1013434	54142.56	53972.22	53829.66	54036.07632	-206.4163184	-0.24631844	Varney-2018	175.1836816
605040.93	5601306.85	115.2006349	54142.54	53979.41	53836.87	54036.08069	-199.2106949	6.959305112	Varney-2018	182.3893051
605041.15	5601308.28	115.5554545	54142.54	53974.09	53831.55	54036.07751	-204.5275102	1.64248978	Varney-2018	177.0724898
605040.32	5601306.68	114.89338	54142.54	53976.44	53833.9	54036.08691	-202.1869075	3.983092474	Varney-2018	179.4130925
605040.89	5601307.61	115.3176381	54142.52	53974.26	53831.74	54036.08058	-204.3405791	1.829420939	Varney-2018	177.2594209
605040.61	5601307.86	115.2344938	54142.49	53979.03	53836.54	54036.08322	-199.5432202	6.626779839	Varney-2018	182.0567798
605038.9	5601306.86	114.2800585	54142.49	53979.81	53837.32	54036.10099	-198.7809915	7.389008451	Varney-2018	182.8190085
605039.1	5601307.3	114.4480973	54142.49	53977.08	53834.59	54036.09872	-201.5087216	4.661278431	Varney-2018	180.0912784
605039.16	5601307.67	114.5403164	54142.48	53983.57	53841.09	54036.09789	-195.0078929	11.16210707	Varney-2018	186.5921071
605039.96	5601308.22	115.0018215	54142.47	53988.74	53846.27	54036.08951	-189.8195132	16.3504868	Varney-2018	191.7804868
605038.54	5601308.85	114.4639421	54142.47	54000.08	53857.61	54036.10341	-178.4934137	27.67658626	Varney-2018	203.1065863

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605037.54	5601309.04	114.0397252	54142.47	53993.05	53850.58	54036.11338	-185.5333833	20.63661672	Varney-2018	196.0666167
605036.19	5601309.64	113.5250488	54142.46	53980.48	53838.02	54036.12669	-198.1066907	8.063309276	Varney-2018	183.4933093
605034.23	5601308.6	112.451572	54142.45	53966.65	53824.2	54036.14695	-211.9469456	-5.776945563	Varney-2018	169.6530544
605032.97	5601308.06	111.7859241	54142.43	53956.15	53813.72	54036.15984	-222.4398374	-16.26983744	Varney-2018	159.1601626
605030.48	5601307.62	110.5785135	54142.4	53950.04	53807.64	54036.18498	-228.5449817	-22.37498169	Varney-2018	153.0550183
605029.79	5601307.41	110.2301616	54142.37	53947.8	53805.43	54036.19196	-230.7619588	-24.59195883	Varney-2018	150.8380412
605029.48	5601307.83	110.1571182	54142.34	53943.86	53801.52	54036.19496	-234.6749572	-28.50495719	Varney-2018	146.9250428
605027.91	5601308.16	109.4943985	54142.34	53940.77	53798.43	54036.21065	-237.7806499	-31.61064989	Varney-2018	143.8193501
605027.21	5601308.18	109.1782579	54142.33	53928.41	53786.08	54036.21768	-250.1376811	-43.96768114	Varney-2018	131.4623189
605026.53	5601307.66	108.7859283	54142.3	53934.76	53792.46	54036.22459	-243.7645931	-37.59459314	Varney-2018	137.8354069
605025.96	5601307.43	108.4901697	54142.26	53928.97	53786.71	54036.23034	-249.5203405	-43.35034049	Varney-2018	132.0796595
605025.13	5601308.33	108.2527655	54142.26	53927.09	53784.83	54036.23857	-251.4085712	-45.23857124	Varney-2018	130.1914288
605025.73	5601307.87	108.4544782	54142.25	53922.44	53780.19	54036.23259	-256.0425929	-49.8725929	Varney-2018	125.5574071
605023.85	5601307.2	107.49433	54142.25	53927.7	53785.45	54036.2515	-250.8015001	-44.63150012	Varney-2018	130.7984999
605023.92	5601307.39	107.5554835	54142.24	53926.13	53783.89	54036.25079	-252.360789	-46.19078899	Varney-2018	129.239211
605023.29	5601306.96	107.202803	54142.24	53925.81	53783.57	54036.25712	-252.6871153	-46.51711532	Varney-2018	128.9128847
605023	5601307.26	107.1169012	54142.25	53929.26	53787.01	54036.26001	-249.2500111	-43.08001107	Varney-2018	132.3499889
605022.3	5601307.6	106.8501519	54142.24	53931.26	53789.02	54036.26702	-247.2470248	-41.07702477	Varney-2018	134.3529752
605022.69	5601308.01	107.0903125	54142.23	53937.23	53795	54036.26311	-241.2631102	-35.09311019	Varney-2018	140.3368898
605022.03	5601308.84	106.9152604	54142.22	53941.28	53799.06	54036.26975	-237.2097529	-31.03975288	Varney-2018	144.3902471
605021.85	5601309	106.8572063	54142.21	53939.95	53797.74	54036.27157	-238.53157	-32.36157	Varney-2018	143.06843
605020.6	5601308.69	106.2391371	54142.2	53942.3	53800.1	54036.28415	-236.1841493	-30.01414935	Varney-2018	145.4158507
605020.71	5601309.64	106.4317358	54142.19	53945.29	53803.1	54036.2831	-233.1831035	-27.01310349	Varney-2018	148.4168965
605020.09	5601309.72	106.1595542	54142.18	53945.23	53803.05	54036.28938	-233.2393751	-27.06937512	Varney-2018	148.3606249
605020.4	5601310.8	106.4629902	54142.16	53942.93	53800.77	54036.28632	-235.5163244	-29.34632445	Varney-2018	146.0836756
605020.06	5601310.82	106.3096246	54142.16	53941.02	53798.86	54036.28978	-237.4297762	-31.25977619	Varney-2018	144.1702238
605019.48	5601311.24	106.1051149	54142.15	53940.19	53798.04	54036.29571	-238.2557082	-32.08570819	Varney-2018	143.3442918
605018.18	5601310.99	105.4699547	54142.13	53934.98	53792.85	54036.30888	-243.4588807	-37.28888074	Varney-2018	138.1411193
605017.66	5601311.61	105.3209709	54142.11	53930.89	53788.78	54036.31427	-247.5342708	-41.3642708	Varney-2018	134.0657292
605018.05	5601311.35	105.4627505	54142.11	53931.88	53789.77	54036.31026	-246.5402595	-40.37025945	Varney-2018	135.0597405
605017.54	5601311.19	105.2045762	54142.11	53933.54	53791.43	54036.31542	-244.8854156	-38.71541564	Varney-2018	136.7145844
605018.07	5601310.88	105.4032658	54142.1	53926.68	53784.58	54036.30998	-251.7299798	-45.55997982	Varney-2018	129.8700202
605017.72	5601311.69	105.3602827	54142.09	53934.83	53792.74	54036.31367	-243.5736742	-37.40367421	Varney-2018	138.0263258
605017.09	5601310.51	104.8989411	54142.09	53923.7	53781.61	54036.31985	-254.7098533	-48.53985331	Varney-2018	126.8901467
605017.01	5601309.71	104.746434	54142.08	53925.03	53782.95	54036.3205	-253.3705031	-47.20050311	Varney-2018	128.2294969
605016.95	5601309.3	104.6596457	54142.08	53925.57	53783.49	54036.32103	-252.831026	-46.66102604	Varney-2018	128.768974
605016.72	5601309.07	104.5211765	54142.08	53922.71	53780.63	54036.3233	-255.6932984	-49.52329835	Varney-2018	125.9067016
605016.13	5601308.47	104.1652105	54142.08	53920.86	53778.78	54036.32911	-257.5491071	-51.37910714	Varney-2018	124.0508929
605015.95	5601308.21	104.0457859	54142.08	53924.41	53782.33	54036.33086	-254.0008556	-47.83085562	Varney-2018	127.5991444
605015.22	5601308.44	103.7454392	54142.09	53925.53	53783.44	54036.33825	-252.8982547	-46.7282547	Varney-2018	128.7017453
605015.28	5601307.61	103.6547342	54142.1	53926.29	53784.19	54036.33743	-252.147431	-45.97743103	Varney-2018	129.452569
605015.39	5601308.33	103.8073856	54142.1	53926.87	53784.77	54036.33652	-251.5665158	-45.39651579	Varney-2018	130.0334842
605014.74	5601308.24	103.4979843	54142.09	53925.87	53783.78	54036.34303	-252.5630265	-46.39302648	Varney-2018	129.0369735
605013.81	5601308.9	103.1662062	54142.09	53929.07	53786.98	54036.35259	-249.3725861	-43.20258615	Varney-2018	132.2274139
605013.65	5601308.87	103.0888541	54142.09	53928.38	53786.29	54036.35419	-250.0641887	-43.8941887	Varney-2018	131.5358113
605013.65	5601309.08	103.1182589	54142.09	53930.3	53788.21	54036.35426	-248.144257	-41.974257	Varney-2018	133.455743
605013.09	5601308.86	102.831455	54142.08	53929.38	53787.3	54036.35983	-249.0598277	-42.8898277	Varney-2018	132.5401723
605012.9	5601309.42	102.8224277	54142.08	53930.11	53788.03	54036.36194	-248.3319396	-42.16193964	Varney-2018	133.2680604
605012.88	5601309.61	102.8396704	54142.07	53930.67	53788.6	54036.36221	-247.7622087	-41.59220875	Varney-2018	133.8377913
605013.14	5601309.39	102.9281487	54142.07	53929.42	53787.35	54036.35951	-249.0095063	-42.83950626	Varney-2018	132.5904937
605013.39	5601309.42	103.0468079	54142.07	53930.14	53788.07	54036.35699	-248.2869926	-42.11699255	Varney-2018	133.3130074
605013.65	5601309.39	103.161666	54142.07	53930.77	53788.7	54036.35436	-247.6543578	-41.48435781	Varney-2018	133.9456422
605013.14	5601309.71	102.9727294	54142.08	53931.09	53789.01	54036.35962	-247.3496163	-41.17961634	Varney-2018	134.2503837
605012.35	5601308.79	102.4834957	54142.08	53933.45	53791.37	54036.36726	-244.9972574	-38.82725741	Varney-2018	136.6027426
605011.13	5601309.79	102.0624247	54142.08	53930.28	53788.2	54036.37996	-248.1799644	-42.00996442	Varney-2018	133.4200356
605010.75	5601310.28	101.9548575	54142.08	53937.04	53794.96	54036.38402	-241.4240179	-35.25401786	Varney-2018	140.1759821
605011.51	5601311.14	102.4216467	54142.08	53937.73	53795.65	54036.37667	-240.7266683	-34.55666826	Varney-2018	140.8733317
605011.46	5601311.37	102.4301369	54142.08	53934.48	53792.4	54036.37727	-243.9772696	-37.8072696	Varney-2018	137.6227304
605011.06	5601311.66	102.285449	54142.07	53930.31	53788.24	54036.38146	-248.1414588	-41.97145878	Varney-2018	133.4585412
605011.06	5601312.74	102.432788	54142.07	53937.7	53795.63	54036.38191	-240.7519131	-34.58191312	Varney-2018	140.8480869
605010.77	5601313.88	102.4537192	54142.06	53935.6	53793.54	54036.38537	-242.8453682	-36.67536823	Varney-2018	138.7546318
605010.11	5601315	102.2987214	54142.06	53932.42	53790.36	54036.39265	-246.0326505	-39.86265052	Varney-2018	135.5673495
605010.08	5601317.25	102.5886442	54142.06	53939.03	53796.97	54036.39399	-239.4239874	-33.25398736	Varney-2018	142.1760126
605008.34	5601313.2	101.2357213	54142.06	53941.24	53799.18	54036.40995	-237.229947	-31.05994697	Varney-2018	144.370053

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605008.65	5601314.56	101.5602886	54142.05	53938.79	53796.74	54036.40747	-239.6674669	-33.49746692	Varney-2018	141.9325331
605008.84	5601315.18	101.7313213	54142.05	53939.21	53797.16	54036.40582	-239.2458242	-33.07582421	Varney-2018	142.3541758
605008.33	5601315.67	101.5586917	54142.05	53939.09	53797.04	54036.41134	-239.3713369	-33.20133694	Varney-2018	142.2286631
605008.2	5601315.93	101.532471	54142.05	53942.69	53800.64	54036.41282	-235.7728162	-29.60281616	Varney-2018	145.8271838
605008.61	5601317.99	101.9979497	54142.05	53938.43	53796.38	54036.40963	-240.029631	-33.85963098	Varney-2018	141.570369
605008.05	5601318.53	101.8062596	54142.05	53940.2	53798.15	54036.41575	-238.2657488	-32.09574876	Varney-2018	143.3342512
605007.45	5601318.44	101.5120881	54142.04	53941.37	53799.33	54036.42196	-237.0919581	-30.92195805	Varney-2018	144.5080419
605006.72	5601318.84	101.2208185	54142.04	53946.85	53804.81	54036.4298	-231.6198032	-25.44980316	Varney-2018	149.9801968
605005.91	5601318.65	100.8147431	54142.05	53944.84	53802.79	54036.43815	-233.6481462	-27.47814624	Varney-2018	147.9518538
605005.71	5601319.52	100.8328185	54142.06	53948.16	53806.1	54036.44077	-230.340771	-24.17077104	Varney-2018	151.259229
605005.08	5601320.4	100.6482337	54142.07	53952.06	53809.99	54036.44793	-226.4579303	-20.28793026	Varney-2018	155.1420697
605005.82	5601321.16	101.0965317	54142.07	53960.05	53817.98	54036.44063	-218.4606262	-12.29062616	Varney-2018	163.1393738
605006.87	5601322.46	101.7642564	54142.07	53952.95	53810.88	54036.43032	-225.5503185	-19.38031852	Varney-2018	156.0496815
605005.42	5601320.58	100.8322584	54142.07	53951.41	53809.34	54036.44447	-227.1044731	-20.93447313	Varney-2018	154.4955269
605004.11	5601319.43	100.0662899	54142.07	53949.96	53807.89	54036.45746	-228.5674595	-22.39745952	Varney-2018	153.0325405
605003.37	5601319	99.6630706	54142.07	53949.1	53807.03	54036.4649	-229.4349009	-23.2649009	Varney-2018	152.1650991
605002.62	5601319.34	99.35204821	54142.06	53951.06	53809	54036.47299	-227.4729866	-21.3029866	Varney-2018	154.1270134
605001.91	5601319.96	99.09384408	54142.06	53950.9	53808.84	54036.48088	-227.6408843	-21.47088435	Varney-2018	153.9591157
605002.69	5601321.24	99.62218216	54142.05	53944.7	53802.65	54036.47364	-233.8236397	-27.6536397	Varney-2018	147.7763603
605002.82	5601321.99	99.7775797	54142.06	53936.19	53794.13	54036.47281	-242.3428139	-36.17281385	Varney-2018	139.2571861
605001.9	5601321.23	99.24621733	54142.07	53946.16	53804.09	54036.48195	-232.3919522	-26.22195222	Varney-2018	149.2080478
605002.49	5601322.52	99.68669934	54142.07	53928.74	53786.67	54036.47669	-249.8066888	-43.63668882	Varney-2018	131.7933112
605002.12	5601324.1	99.7064647	54142.08	53934.17	53792.09	54036.48179	-244.3917883	-38.22178831	Varney-2018	137.2082117
605000.75	5601325.15	99.17938452	54142.08	53964.12	53822.04	54036.4972	-214.457202	-8.287201959	Varney-2018	167.142798
604999.62	5601327.47	98.916879	54142.07	53970.82	53828.75	54036.51122	-207.7612199	-1.591219886	Varney-2018	173.8387801
604998.72	5601328.86	98.70991772	54142.07	53967.9	53825.83	54036.52048	-210.6904789	-4.520478931	Varney-2018	170.9095211
604998.64	5601329.47	98.77155204	54142.06	53971.03	53828.97	54036.52114	-207.5511439	-1.38114395	Varney-2018	174.0488561
604998.21	5601330.43	98.82566583	54142.04	53975.33	53833.29	54036.5227	-203.2327039	2.937296076	Varney-2018	178.3672961
604998.16	5601330.75	98.85685067	54142.02	53982.94	53840.92	54036.52307	-195.6030667	10.56693325	Varney-2018	185.9969333
604998.96	5601333.79	99.35407412	54142.01	53982.89	53840.88	54036.5238	-195.6437995	10.52620047	Varney-2018	185.9562005
604999.14	5601334.26	99.49893022	54142	53982.07	53840.07	54036.52222	-196.4522247	9.71777526	Varney-2018	185.1477753
604999.21	5601334.38	99.54779562	54142.01	53992.14	53850.13	54036.52156	-186.3915568	19.77844319	Varney-2018	195.2084432
604999.33	5601335.5	99.74145201	54142.02	53990.7	53848.68	54036.52119	-187.8411902	18.32880978	Varney-2018	193.7588098
604999.05	5601336.92	99.77312208	54142.05	53982.86	53840.81	54036.52551	-195.7155122	10.45448782	Varney-2018	185.8844878
604998.24	5601338.11	99.7475456	54142.08	53990.72	53848.64	54036.52934	-187.8893355	18.28066453	Varney-2018	193.7106645
604998.03	5601338.32	99.74291578	54142.09	53993.06	53850.97	54036.52988	-185.5598756	20.61012444	Varney-2018	196.0401244
604997.16	5601338.71	99.66635222	54142.1	53991.18	53849.08	54036.5317	-187.4516962	18.71830378	Varney-2018	194.1483038
604996.97	5601339.12	99.68840823	54142.1	53989.21	53847.11	54036.53238	-189.4223774	16.7476226	Varney-2018	192.1776226
604996.53	5601339.68	99.69295354	54142.1	53992.63	53850.53	54036.53362	-186.0036159	20.16638413	Varney-2018	195.5963841
604996.59	5601339.34	99.66086568	54142.08	53997.04	53854.96	54036.53322	-181.5732167	24.59678326	Varney-2018	200.0267833
604996.08	5601340.29	99.70201408	54142.06	53996.77	53854.71	54036.53492	-181.824916	24.34508397	Varney-2018	199.775084
604995.49	5601340.32	99.62200664	54142.06	53993.87	53851.81	54036.53595	-184.7259485	21.44405149	Varney-2018	196.8740515
604994.63	5601340.7	99.54547513	54142.05	53987.14	53845.09	54036.53775	-191.4477485	14.72225154	Varney-2018	190.1522515
604993.92	5601341.03	99.48419754	54142.04	53984.26	53842.22	54036.53925	-194.3192497	11.85075032	Varney-2018	187.2807503
604994.27	5601341.21	99.55525785	54142.02	53981.85	53839.83	54036.53881	-196.7088102	9.461189776	Varney-2018	184.8911898
604993.85	5601340.19	99.37416903	54142	53975.97	53833.97	54036.53863	-202.5686314	3.6013686	Varney-2018	179.0313686
604993.96	5601340.39	99.41358887	54141.98	53975.2	53833.22	54036.53862	-203.3186194	2.851380566	Varney-2018	178.2813806
604992.04	5601339.95	99.08918479	54141.98	53967.8	53825.82	54036.54151	-210.7215064	-4.551506358	Varney-2018	170.8784936
604991.47	5601341.46	99.18814793	54141.98	53963.82	53821.84	54036.54381	-214.703811	-8.533811044	Varney-2018	166.896189
604990.29	5601341.28	98.99947168	54141.98	53963.74	53821.76	54036.54567	-214.7856668	-8.615666789	Varney-2018	166.8143332
604990.93	5601341.6	99.12825654	54141.98	53951.54	53809.56	54036.54486	-226.9848569	-20.8148569	Varney-2018	154.6151431
604990.29	5601341.43	99.0173104	54141.99	53949.79	53807.8	54036.5458	-228.7457995	-22.57579953	Varney-2018	152.8542005
604989.91	5601342.01	99.03240552	54142	53957.02	53815.02	54036.54696	-221.5269621	-15.3569621	Varney-2018	160.0730379
604990.14	5601343.66	99.2612264	54142.01	53956	53813.99	54036.54803	-222.5580297	-16.38802972	Varney-2018	159.0419703
604990.08	5601344.06	99.30027585	54142.03	53959.47	53817.44	54036.54849	-219.1084866	-12.93848656	Varney-2018	162.4915134
604989.67	5601344.51	99.29997136	54142.03	53963.34	53821.31	54036.54947	-215.2394709	-9.069470873	Varney-2018	166.3605291
604990.02	5601345.58	99.48843862	54142.03	53967.9	53825.87	54036.54951	-210.6795122	-4.509512206	Varney-2018	170.9204878
604989.94	5601345.96	99.52632648	54142.02	53963.57	53821.55	54036.54988	-214.999878	-8.829877992	Varney-2018	166.600122
604989.71	5601346.68	99.58689758	54142.01	53961.6	53819.59	54036.55071	-216.9607076	-10.79070763	Varney-2018	164.6392924
604989.15	5601346.8	99.52261423	54142.02	53959.81	53817.79	54036.55175	-218.7617481	-12.59174814	Varney-2018	162.8382519
604988.7	5601346.48	99.41706106	54142.04	53955.47	53813.43	54036.55233	-223.1223318	-16.95233178	Varney-2018	158.4776682
604987.66	5601346.67	99.29340611	54142.04	53955.09	53813.05	54036.55424	-223.5042447	-17.33424475	Varney-2018	158.0957553
604988	5601348.73	99.60804174	54142.05	53950.55	53808.5	54036.55492	-228.0549179	-21.88491789	Varney-2018	153.5450821
604988.24	5601350.08	99.81687354	54142.05	53938.21	53796.16	54036.55532	-240.3953243	-34.2253243	Varney-2018	141.2046757

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604987.79	5601350.85	99.85183323	54142.04	53935.71	53793.67	54036.55658	-242.8865837	-36.71658373	Varney-2018	138.7134163
604986.72	5601351.73	99.8117327	54142.05	53941.07	53799.02	54036.55901	-237.539006	-31.36900599	Varney-2018	144.060994
604987.38	5601352.62	100.0214472	54142.07	53944.85	53802.78	54036.55839	-233.7783929	-27.60839287	Varney-2018	147.8216071
604987.37	5601353.27	100.1039004	54142.07	53943.73	53801.66	54036.55881	-234.8988108	-28.72881085	Varney-2018	146.7011892
604987.08	5601352.86	100.0092339	54142.06	53943.86	53801.8	54036.55907	-234.7590706	-28.58907057	Varney-2018	146.8409294
604985.65	5601352.45	99.75061009	54142.06	53944.77	53802.71	54036.56134	-233.8513396	-27.68133957	Varney-2018	147.7486604
604985.32	5601352.91	99.76228483	54142.05	53944.66	53802.61	54036.56221	-233.9522107	-27.78221072	Varney-2018	147.6477893
604985.92	5601354.31	100.0288927	54142.06	53944.92	53802.86	54036.56203	-233.7020254	-27.53202543	Varney-2018	147.8979746
604984.64	5601353.06	99.6836458	54142.08	53949.73	53807.65	54036.56351	-228.9135069	-22.74350692	Varney-2018	152.6864931
604984.9	5601354.48	99.9035504	54142.08	53957.22	53815.14	54036.56394	-221.4239434	-15.25394342	Varney-2018	160.1760566
604985.16	5601357.43	100.3203136	54142.07	53951.12	53809.05	54036.56534	-227.5153384	-21.34533842	Varney-2018	154.0846616
604985.56	5601360.16	100.7295276	54142.06	53953.46	53811.4	54036.56633	-225.1663323	-18.99633232	Varney-2018	156.4336677
604984.86	5601360.26	100.6404194	54142.05	53953.91	53811.86	54036.56766	-224.7076632	-18.53766321	Varney-2018	156.8923368
604983.93	5601358.7	100.3048401	54142.06	53954.07	53812.01	54036.56835	-224.5583544	-18.38835442	Varney-2018	157.0416456
604982.96	5601358.11	100.0883376	54142.08	53958.46	53816.38	54036.56972	-220.1897232	-14.01972317	Varney-2018	161.4102768
604981.16	5601358.19	99.83722649	54142.09	53954.53	53812.44	54036.57301	-224.1330128	-17.96301282	Varney-2018	157.4669872
604982.23	5601358.7	100.0578046	54142.1	53954.61	53812.51	54036.57142	-224.0614181	-17.89141805	Varney-2018	157.5385819
604981.06	5601358.84	99.90565103	54142.11	53955.49	53813.38	54036.57362	-223.1936182	-17.02361819	Varney-2018	158.4063818
604980.03	5601359.01	99.77759592	54142.13	53959.1	53816.97	54036.57559	-219.6055876	-13.43558762	Varney-2018	161.9944124
604979.28	5601359.35	99.71180229	54142.14	53961.44	53819.3	54036.57717	-217.2771669	-11.10716691	Varney-2018	164.3228331
604977.68	5601358.96	99.4295961	54142.15	53971.37	53829.22	54036.57979	-207.3597933	-1.18979333	Varney-2018	174.2402067
604976.86	5601359.67	99.40029992	54142.16	53972.52	53830.36	54036.58176	-206.2217554	-0.051755419	Varney-2018	175.3782446
604976.79	5601360.45	99.48887545	54142.17	53977.43	53835.26	54036.58241	-201.322413	4.847587024	Varney-2018	180.277587
604975.92	5601360.9	99.41898783	54142.18	53966	53823.82	54036.5843	-212.7642989	-6.594298907	Varney-2018	168.8357011
604975.85	5601360.59	99.36959547	54142.19	53961.31	53819.12	54036.58421	-217.4642132	-11.29421318	Varney-2018	164.1357868
604975.47	5601359.66	99.19673733	54142.18	53955.45	53813.27	54036.58426	-223.3142618	-17.14426176	Varney-2018	158.2857382
604975.88	5601359.16	99.19320283	54142.17	53948.4	53806.23	54036.58318	-230.3531773	-24.1831773	Varney-2018	151.2468227
604976.82	5601358.84	99.28937836	54142.17	53947.86	53805.69	54036.58126	-230.8912629	-24.72126286	Varney-2018	150.7087371
604977.25	5601362.25	99.78401301	54142.18	53955.18	53813	54036.5828	-223.5827993	-17.41279934	Varney-2018	158.0172007
604975.43	5601361.81	99.46247207	54142.2	53944.55	53802.35	54036.58582	-234.2358156	-28.06581564	Varney-2018	147.3641844
604972.5	5601361.96	99.05343719	54142.22	53954.23	53812.01	54036.59126	-224.5812578	-18.41125781	Varney-2018	157.0187422
604973.11	5601361.06	99.02934689	54142.22	53950.14	53807.92	54036.58951	-228.6695133	-22.49951333	Varney-2018	152.9304867
604974.84	5601363.74	99.61981799	54142.22	53946.22	53804	54036.58823	-232.5882271	-26.41822709	Varney-2018	149.0117729
604974.98	5601366.3	99.96340025	54142.22	53941.18	53798.96	54036.58974	-237.6297416	-31.4597416	Varney-2018	143.9702584
604974.88	5601366.25	99.94238419	54142.22	53948.65	53806.43	54036.58989	-230.1598918	-23.98989185	Varney-2018	151.4401082
604974.67	5601367.24	100.0363698	54142.2	53952.28	53810.08	54036.59097	-226.5109668	-20.34096683	Varney-2018	155.0890332
604975.64	5601367.21	100.1754495	54142.18	53959.49	53817.31	54036.58915	-219.2791473	-13.10914733	Varney-2018	162.3208527
604976.51	5601368.84	100.5098692	54142.16	53960.37	53818.21	54036.58865	-218.3786465	-12.20864648	Varney-2018	163.2213535
604975.79	5601370.55	100.6196791	54142.13	53962.68	53820.55	54036.59116	-216.0411633	-9.871163343	Varney-2018	165.5588367
604974.31	5601371.15	100.476187	54142.11	53960.54	53818.43	54036.59436	-218.1643556	-11.99435562	Varney-2018	163.4356444
604973.36	5601371.13	100.3328874	54142.09	53955.07	53812.98	54036.59613	-223.6161261	-17.44612614	Varney-2018	157.9838739
604972.59	5601371.89	100.3142757	54142.1	53968.48	53826.38	54036.59811	-210.2181094	-4.048109418	Varney-2018	171.3818906
604971.12	5601372.61	100.1864035	54142.12	53963.71	53821.59	54036.60139	-215.0113926	-8.841392622	Varney-2018	166.5886074
604970.97	5601374.22	100.3658157	54142.14	53963.8	53821.66	54036.60283	-214.9428292	-8.772829187	Varney-2018	166.6571708
604971.25	5601375.42	100.5579152	54142.17	53959.75	53817.58	54036.60316	-219.0231556	-12.85315559	Varney-2018	162.5768444
604971.12	5601376.6	100.6863864	54142.18	53965.17	53822.99	54036.60425	-213.6142475	-7.444247491	Varney-2018	167.9857525
604972.06	5601378.31	101.0415216	54142.19	53962.41	53820.22	54036.60366	-216.3836639	-10.21366395	Varney-2018	165.2163361
604971.09	5601378.46	100.9149647	54142.18	53960.85	53818.67	54036.60564	-217.935636	-11.76563602	Varney-2018	163.664364
604970.63	5601378.88	100.898601	54142.16	53958.42	53816.26	54036.60682	-220.3468225	-14.17682252	Varney-2018	161.2531775
604970.23	5601378.24	100.7585432	54142.15	53947.46	53805.31	54036.60713	-231.2971315	-25.12713146	Varney-2018	150.3028685
604969.75	5601378.1	100.6691252	54142.14	53943.23	53801.09	54036.60795	-235.5179527	-29.34795265	Varney-2018	146.0820473
604970.01	5601377.89	100.6818119	54142.12	53947.1	53804.98	54036.6073	-231.6273015	-25.45730148	Varney-2018	149.9726985
604968.71	5601377.86	100.4833936	54142.1	53948.19	53806.09	54036.60978	-230.5197753	-24.34977533	Varney-2018	151.0802247
604967.65	5601379.12	100.4815441	54142.08	53945.81	53803.73	54036.61274	-232.8827385	-26.71273848	Varney-2018	148.7172615
604967.35	5601380.1	100.5584825	54142.05	53943.33	53801.28	54036.61404	-235.3340405	-29.16404054	Varney-2018	146.2659595
604965.91	5601380.14	100.3470703	54142.05	53945.43	53803.38	54036.61685	-233.2368545	-27.06685448	Varney-2018	148.3631455
604965.4	5601380.57	100.3237467	54142.06	53944.28	53802.22	54036.61816	-234.3981634	-28.22816337	Varney-2018	147.2018366
604965.47	5601380.48	100.3231123	54142.06	53942.89	53800.83	54036.61796	-235.7879603	-29.61796032	Varney-2018	145.8120397
604964.61	5601381.92	100.3720901	54142.05	53946.9	53804.85	54036.62071	-231.7707128	-25.60071282	Varney-2018	149.8292872
604964.05	5601382.07	100.3062594	54142.04	53943.15	53801.11	54036.62192	-235.5119156	-29.34191558	Varney-2018	146.0880844
604963.83	5601382.16	100.2842279	54142.02	53945.19	53803.17	54036.62241	-233.452412	-27.282412	Varney-2018	148.147588
604964.79	5601382.16	100.4289359	54141.99	53944.47	53802.48	54036.62054	-234.1405438	-27.97054384	Varney-2018	147.4594562
604964.52	5601383.07	100.5008797	54141.96	53942.87	53800.91	54036.62176	-235.7117572	-29.54175719	Varney-2018	145.8882428
604964.02	5601386	100.7877527	54141.93	53935.96	53794.03	54036.62496	-242.5949569	-36.42495694	Varney-2018	139.0050431

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604963.89	5601386.6	100.8422242	54141.89	53934.92	53793.03	54036.62567	-243.5956689	-37.42566888	Varney-2018	138.0043311
604963.94	5601386.37	100.821373	54141.87	53940.62	53798.75	54036.6254	-237.8753955	-31.70539553	Varney-2018	143.7246045
604963.78	5601385.72	100.7167512	54141.84	53942.25	53800.41	54036.62522	-236.2152167	-30.0452167	Varney-2018	145.3847833
604963.91	5601384.85	100.6288851	54141.84	53942.29	53800.45	54036.6243	-236.1742999	-30.00429993	Varney-2018	145.4257001
604963.98	5601384.41	100.5850705	54141.83	53943.78	53801.95	54036.62383	-234.6738285	-28.50382848	Varney-2018	146.9261715
604963.42	5601384.28	100.4843074	54141.83	53944.65	53802.82	54036.62483	-233.8048268	-27.63482681	Varney-2018	147.7951732
604963.07	5601384.29	100.4326123	54141.83	53946.94	53805.11	54036.62552	-231.5155201	-25.34552011	Varney-2018	150.0844799
604962.79	5601384.31	100.3927356	54141.83	53942.86	53801.03	54036.62608	-235.596084	-29.42608398	Varney-2018	146.003916
604962.42	5601384.15	100.3170511	54141.83	53944.07	53802.24	54036.62669	-234.3866859	-28.21668586	Varney-2018	147.2133141
604962.17	5601384.1	100.2730897	54141.83	53943.9	53802.07	54036.62714	-234.5571369	-28.38713689	Varney-2018	147.0428631
604962.26	5601384.1	100.2866965	54141.82	53943.01	53801.19	54036.62696	-235.4369607	-29.26696068	Varney-2018	146.1630393
604961.83	5601384.06	100.21676	54141.8	53944	53802.2	54036.62777	-234.4277717	-28.25777167	Varney-2018	147.1722283
604961.04	5601384.13	100.105939	54141.78	53944.59	53802.81	54036.62937	-233.8193726	-27.64937263	Varney-2018	147.7806274
604961.08	5601383.94	100.0886189	54141.77	53946.27	53804.5	54036.62915	-232.1291467	-25.95914666	Varney-2018	149.4708533
604961.04	5601383.47	100.0247728	54141.76	53943.11	53801.35	54036.62886	-235.2788596	-29.1088596	Varney-2018	146.3211404
604960.58	5601383.31	99.93563459	54141.74	53948.18	53806.44	54036.62963	-230.1896336	-24.01963363	Varney-2018	151.4103664
604960.11	5601383.38	99.87325651	54141.72	53944.83	53803.11	54036.63061	-233.5206064	-27.35060638	Varney-2018	148.0793936
604959.48	5601383.76	99.82470925	54141.71	53946.11	53804.4	54036.63214	-232.2321361	-26.06213608	Varney-2018	149.3678639
604958.73	5601383.77	99.71260318	54141.7	53943.43	53801.73	54036.63361	-234.9036108	-28.73361085	Varney-2018	146.6963892
604958.75	5601383.84	99.72419686	54141.71	53941.51	53799.8	54036.63363	-236.8336271	-30.66362712	Varney-2018	144.7663729
604958.08	5601383.64	99.59848356	54141.73	53943.6	53801.87	54036.63478	-234.7647787	-28.59477875	Varney-2018	146.8352213
604957.46	5601383.37	99.47183326	54141.72	53942.05	53800.33	54036.63578	-236.3057751	-30.13577509	Varney-2018	145.2942249
604956.56	5601384.31	99.45054474	54141.7	53944.15	53802.45	54036.63829	-234.1882897	-28.01828966	Varney-2018	147.4117103
604957.32	5601384.21	99.55327102	54141.7	53944.1	53802.4	54036.63672	-234.2367207	-28.06672067	Varney-2018	147.3632793
604957.72	5601383.76	99.5587603	54141.7	53944.4	53802.7	54036.63558	-233.9355783	-27.76557829	Varney-2018	147.6644217
604956.97	5601383.52	99.41614058	54141.69	53947.54	53805.85	54036.63685	-230.7868526	-24.6168526	Varney-2018	150.8131474
604956.63	5601382.85	99.28306989	54141.67	53949.33	53807.66	54036.63698	-228.9769781	-22.80697815	Varney-2018	152.6230219
604955.98	5601382.59	99.15331635	54141.66	53945.82	53804.16	54036.63804	-232.4780356	-26.30803562	Varney-2018	149.1219644
604955.3	5601382.68	99.06169596	54141.65	53948.3	53806.65	54036.63943	-229.9894338	-23.81943381	Varney-2018	151.6105662
604955.35	5601382.99	99.10695466	54141.64	53946.42	53804.78	54036.63959	-231.8595881	-25.68958814	Varney-2018	149.7404119
604955.17	5601382.6	99.03235467	54141.63	53946.95	53805.32	54036.63962	-231.3196221	-25.14962214	Varney-2018	150.2803779
604955.63	5601382.58	99.09930614	54141.62	53942.43	53800.81	54036.63871	-235.8287095	-29.65870954	Varney-2018	145.7712905
604955.66	5601383.59	99.2267841	54141.61	53950.05	53808.44	54036.63947	-228.1994695	-22.02946949	Varney-2018	153.4005305
604955.63	5601384.82	99.37197827	54141.61	53948.88	53807.27	54036.64053	-229.370525	-23.20052504	Varney-2018	152.229475
604954.75	5601385.82	99.36031342	54141.61	53956.68	53815.07	54036.64307	-221.5730677	-15.40306775	Varney-2018	160.0269323
604955.57	5601385.76	99.477309	54141.61	53954.59	53812.98	54036.6414	-223.661405	-17.49140498	Varney-2018	157.938595
604955.17	5601385.84	99.42641093	54141.61	53946.6	53804.99	54036.64226	-231.6522573	-25.48225727	Varney-2018	149.9477427
604954.99	5601386.43	99.47085768	54141.61	53956.6	53814.99	54036.64309	-221.6530921	-15.48309211	Varney-2018	159.9469079
604955.49	5601388.81	99.83635705	54141.61	53949.86	53808.25	54036.64404	-228.394037	-22.22403702	Varney-2018	153.205963
604954.86	5601390.53	99.94949116	54141.6	53951.49	53809.89	54036.64669	-226.7566908	-20.58669083	Varney-2018	154.8433092
604953.84	5601391.56	99.91871987	54141.59	53955.54	53813.95	54036.64957	-222.6995742	-16.5295742	Varney-2018	158.9004258
604953.57	5601391.59	99.88107168	54141.59	53960.61	53819.02	54036.65014	-217.6301399	-11.46013987	Varney-2018	163.9698601
604953.65	5601392.2	99.96728035	54141.58	53964.59	53823.01	54036.65048	-213.6404814	-7.470481365	Varney-2018	167.9595186
604952.77	5601391.24	99.71636428	54141.58	53957.7	53816.12	54036.65145	-220.5314531	-14.36145312	Varney-2018	161.0685469
604953.55	5601395.87	100.3969542	54141.59	53954.52	53812.93	54036.6537	-223.7237034	-17.55370337	Varney-2018	157.8762966
604952.27	5601397.3	100.3729152	54141.6	53955.1	53813.5	54036.65749	-223.1574903	-16.98749029	Varney-2018	158.4425097
604951.83	5601399.12	100.5249985	54141.61	53963.24	53821.63	54036.6599	-215.0299048	-8.859904839	Varney-2018	166.5700952
604950.81	5601398.03	100.2357778	54141.61	53961.12	53819.51	54036.66108	-217.1510802	-10.98108021	Varney-2018	164.4489198
604948.75	5601397.4	99.84201482	54141.62	53953.14	53811.52	54036.66475	-225.1447523	-18.97475226	Varney-2018	156.4552477
604946.81	5601395.73	99.34286795	54141.62	53950.07	53808.45	54036.66726	-228.217265	-22.04726497	Varney-2018	153.382735
604946.13	5601397.32	99.42829069	54141.62	53954.8	53813.18	54036.67003	-223.4900261	-17.32002612	Varney-2018	158.1099739
604946.09	5601398.61	99.5763064	54141.59	53956.67	53815.08	54036.67123	-221.5912286	-15.42122865	Varney-2018	160.0087714
604945.49	5601399.3	99.56595808	54141.55	53958.15	53816.6	54036.67306	-220.0730589	-13.9030589	Varney-2018	161.5269411
604945.58	5601400.17	99.68376394	54141.52	53962.59	53821.07	54036.67363	-215.603633	-9.433633025	Varney-2018	165.996367
604945.85	5601401.22	99.85102852	54141.48	53961.67	53820.19	54036.67399	-216.4839918	-10.31399175	Varney-2018	165.1160082
604946.38	5601402.09	100.0372981	54141.46	53967.82	53826.36	54036.67365	-210.3136529	-4.143652881	Varney-2018	171.2863471
604946.5	5601402.91	100.1540265	54141.43	53977.15	53835.72	54036.67412	-200.9541152	5.215884815	Varney-2018	180.6458848
604946.36	5601403.34	100.1836737	54141.42	53983.69	53842.27	54036.67478	-194.4047784	11.76522162	Varney-2018	187.1952216
604944.13	5601402.98	99.79374653	54141.4	53995.09	53853.69	54036.67909	-182.9890904	23.18090957	Varney-2018	198.6109096
604943.9	5601403.65	99.83771167	54141.42	53995.25	53853.83	54036.68016	-182.8501586	23.31984142	Varney-2018	198.7498414
604943.14	5601405.91	99.98795826	54141.44	53993.84	53852.4	54036.68374	-184.2837424	21.88625758	Varney-2018	197.3162576
604942.16	5601406.48	99.90246632	54141.43	53982.94	53841.51	54036.6863	-195.1763013	10.99369873	Varney-2018	186.4236987
604941.29	5601406.88	99.81379973	54141.42	53977.38	53835.96	54036.68848	-200.7284834	5.441516608	Varney-2018	180.8715166
604941.25	5601408.18	99.96146795	54141.41	53976.11	53834.7	54036.68974	-201.9897355	4.180264473	Varney-2018	179.6102645

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604939.8	5601409.35	99.87231933	54141.4	53979.59	53838.19	54036.69385	-198.5038504	7.666149609	Varney-2018	183.0961496
604939.8	5601410.12	99.96323298	54141.39	53981.71	53840.32	54036.69455	-196.3745492	9.795450812	Varney-2018	185.2254508
604938.88	5601410.25	99.83393018	54141.38	53972.96	53831.58	54036.69662	-205.116616	1.053384045	Varney-2018	176.483384
604937.61	5601410.32	99.64247718	54141.38	53959.04	53817.66	54036.69937	-219.0393706	-12.8693706	Varney-2018	162.5606294
604937.88	5601411.03	99.76844809	54141.37	53951.6	53810.23	54036.69945	-226.4694513	-20.29945126	Varney-2018	155.1305487
604936.79	5601411.08	99.60273927	54141.37	53957.27	53815.9	54036.70181	-220.8018117	-14.63181166	Varney-2018	160.7981883
604938.39	5601419.01	100.7883227	54141.36	53954.79	53813.43	54036.70568	-223.2756795	-17.10567952	Varney-2018	158.3243205
604937.08	5601417.11	100.3565607	54141.36	53953.43	53812.07	54036.70677	-224.6367688	-18.46676883	Varney-2018	156.9632312
604935.43	5601415.79	99.93999583	54141.36	53948.74	53807.38	54036.7091	-229.3291001	-23.15910006	Varney-2018	152.2708999
604933.61	5601415.47	99.61418173	54141.33	53935.3	53793.97	54036.71271	-242.7427145	-36.57271455	Varney-2018	138.8572855
604932.34	5601415.03	99.361775	54141.3	53929.49	53788.19	54036.71503	-248.5250259	-42.35502593	Varney-2018	133.0749741
604932.01	5601415.59	99.37463509	54141.29	53929.5	53788.21	54036.71627	-248.5062696	-42.33626959	Varney-2018	133.0937304
604931.29	5601416.46	99.36154992	54141.28	53936.26	53794.98	54036.71865	-241.7386533	-35.56865325	Varney-2018	139.8613467
604931.88	5601417.47	99.57256408	54141.25	53933.58	53792.33	54036.71835	-244.3883467	-38.21834667	Varney-2018	137.2116533
604930.67	5601417.36	99.36754063	54141.22	53934.92	53793.7	54036.72086	-243.0208573	-36.85085733	Varney-2018	138.5791427
604929.12	5601417.48	99.13515854	54141.22	53932.3	53791.08	54036.72432	-245.644325	-39.47432496	Varney-2018	135.955675
604928.76	5601417.69	99.10221279	54141.22	53934.11	53792.89	54036.72531	-243.8353083	-37.66530828	Varney-2018	137.7646917
604928.82	5601418.5	99.2053305	54141.21	53932.47	53791.26	54036.72597	-245.4659681	-39.29596808	Varney-2018	136.1340319
604928.76	5601419.26	99.28357585	54141.19	53930.11	53788.92	54036.72684	-247.8068394	-41.63683938	Varney-2018	133.7931606
604928.99	5601420.14	99.42011807	54141.19	53929.39	53788.2	54036.72724	-248.5272442	-42.35724424	Varney-2018	133.0727558
604928.21	5601419.6	99.23518663	54141.18	53929.16	53787.98	54036.72837	-248.7483675	-42.57836752	Varney-2018	132.8516325
604929.99	5601421.21	99.6898946	54141.18	53934.59	53793.41	54036.72646	-243.3164629	-37.14646287	Varney-2018	138.2835371
604930.6	5601424.58	100.1353395	54141.17	53926.38	53785.21	54036.72951	-251.5195121	-45.34951214	Varney-2018	130.0804879
604931.18	5601425	100.2721732	54141.16	53932.69	53791.53	54036.72877	-245.1987695	-39.02876949	Varney-2018	136.4012305
604931.51	5601425	100.3253566	54141.14	53932.04	53790.9	54036.72804	-245.828036	-39.65803604	Varney-2018	135.771964
604929.99	5601424.83	100.0628753	54141.12	53931.91	53790.79	54036.73119	-245.9411922	-39.77119223	Varney-2018	135.6588078
604928.26	5601424.77	99.7780172	54141.1	53943.16	53802.06	54036.73496	-234.6749553	-28.50495531	Varney-2018	146.9250447
604927.56	5601424.79	99.66730246	54141.1	53951.69	53810.59	54036.73654	-226.1465362	-19.97653623	Varney-2018	155.4534638
604926.67	5601425.21	99.56673747	54141.1	53951.07	53809.97	54036.73907	-226.7690738	-20.59907375	Varney-2018	154.8309262
604926.78	5601426.76	99.74250518	54141.08	53962.86	53821.78	54036.7409	-214.9608984	-8.790898356	Varney-2018	166.6391016
604926.53	5601426.36	99.6613182	54141.06	53956.6	53815.54	54036.74092	-221.200923	-15.03092301	Varney-2018	160.399077
604924.56	5601424.92	99.19718653	54141.05	53955.81	53814.76	54036.74337	-221.9833744	-15.81337438	Varney-2018	159.6166256
604923.68	5601424.48	99.01098487	54141.03	53954.22	53813.19	54036.74473	-223.55473	-17.38473004	Varney-2018	158.04527
604923.43	5601424.31	98.95359662	54141.02	53956.12	53815.1	54036.74505	-221.6450525	-15.47505249	Varney-2018	159.9549475
604922.52	5601423.62	98.75518977	54141.01	53957.31	53816.3	54036.74566	-220.4456603	-14.27566034	Varney-2018	161.1543397
604920.71	5601422.22	98.39050516	54141	53956.67	53815.67	54036.74596	-221.0759633	-14.9059633	Varney-2018	160.5240367
604920.04	5601421.89	98.27480902	54140.99	53957.25	53816.26	54036.74632	-220.4863239	-14.31632393	Varney-2018	161.1136761
604919.77	5601421.81	98.2334983	54140.99	53958.18	53817.19	54036.74654	-219.5565424	-13.38654235	Varney-2018	162.0434576
604919.63	5601421.75	98.21025096	54140.99	53956.77	53815.78	54036.74663	-220.9666293	-14.79662927	Varney-2018	160.6333707
604919.6	5601421.72	98.20357196	54140.99	53954.5	53813.51	54036.74662	-223.2366237	-17.06662367	Varney-2018	158.3633763
604919.59	5601421.76	98.20629943	54140.98	53955.92	53814.94	54036.74669	-221.8066924	-15.63669237	Varney-2018	159.7933076
604919.68	5601421.73	98.21444648	54140.96	53955.17	53814.21	54036.74654	-222.5365398	-16.36653982	Varney-2018	159.0634602
604919.76	5601421.8	98.23127093	54140.94	53955.47	53814.53	54036.74654	-222.2165405	-16.04654052	Varney-2018	159.3834595
604919.71	5601421.56	98.20130091	54140.94	53959.14	53818.2	54036.74626	-218.5462634	-12.37626338	Varney-2018	163.0537366
604920.42	5601422.31	98.36356117	54140.95	53958.48	53817.53	54036.74645	-219.2164463	-13.04644631	Varney-2018	162.3835537
604920.68	5601422.83	98.44754094	54140.95	53960.65	53819.7	54036.74685	-217.0468529	-10.87685291	Varney-2018	164.5531471
604920.81	5601423.05	98.48559286	54140.95	53961.2	53820.25	54036.747	-216.4969991	-10.32699909	Varney-2018	165.1030009
604921.35	5601423.41	98.58861206	54140.95	53961.72	53820.77	54036.74683	-215.9768291	-9.806829072	Varney-2018	165.6231709
604921.93	5601423.74	98.69379057	54140.94	53961.67	53820.73	54036.74656	-216.0165627	-9.846562692	Varney-2018	165.5834373
604922.27	5601423.8	98.74214078	54140.94	53961.38	53820.44	54036.74622	-216.3062204	-10.13622043	Varney-2018	165.2937796
604922.56	5601423.77	98.77523937	54140.93	53962.07	53821.14	54036.74582	-215.6058165	-9.435816538	Varney-2018	165.9941835
604922.65	5601423.59	98.7683516	54140.91	53962.43	53821.52	54036.74546	-215.2254569	-9.055456866	Varney-2018	166.3745431
604922.68	5601423.51	98.76404153	54140.89	53963.54	53822.65	54036.74531	-214.0953096	-7.925309611	Varney-2018	167.5046904
604922.86	5601423.46	98.78140067	54140.87	53962.47	53821.6	54036.74502	-215.1450166	-8.975016643	Varney-2018	166.4549834
604922.98	5601423.39	98.78927715	54140.84	53961.97	53821.13	54036.74477	-215.6147713	-9.444771263	Varney-2018	165.9852287
604923.02	5601423.22	98.77785816	54140.83	53962.04	53821.21	54036.74447	-215.5344695	-9.364469544	Varney-2018	166.0655305
604923.03	5601423.05	98.76234515	54140.81	53962.16	53821.35	54036.74421	-215.3942148	-9.224214846	Varney-2018	166.2057852
604923.03	5601422.86	98.74321254	54140.82	53962.05	53821.23	54036.74395	-215.5139548	-9.343954847	Varney-2018	166.0860452
604923.05	5601422.71	98.7313157	54140.83	53962.38	53821.55	54036.74371	-215.1937055	-9.023705541	Varney-2018	166.4062945
604923.1	5601422.61	98.72926322	54140.82	53962.73	53821.91	54036.74346	-214.8334587	-8.663458653	Varney-2018	166.7665413
604923.27	5601422.64	98.75954772	54140.81	53963.12	53822.31	54036.74313	-214.4331254	-8.263125427	Varney-2018	167.1668746
604923.35	5601422.72	98.78044172	54140.81	53962.95	53822.14	54036.74306	-214.6030585	-8.43305855	Varney-2018	166.9969415
604923.77	5601423.29	98.90534765	54140.81	53963.72	53822.91	54036.74291	-213.8329098	-7.66290985	Varney-2018	167.7670902
604924.36	5601423.91	99.0628039	54140.8	53961.29	53820.49	54036.74245	-216.2524486	-10.08244861	Varney-2018	165.3475514

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604924.39	5601423.92	99.06863932	54140.79	53961.11	53820.32	54036.7424	-216.4223958	-10.25239579	Varney-2018	165.1776042
604924.42	5601424.18	99.09976603	54140.79	53963.23	53822.44	54036.74268	-214.302682	-8.132681968	Varney-2018	167.297318
604924.53	5601424.26	99.12555964	54140.79	53964.66	53823.87	54036.74255	-212.8725467	-6.702546696	Varney-2018	168.7274533
604924.55	5601424.21	99.12371751	54140.79	53965.54	53824.75	54036.74243	-211.9924346	-5.822434633	Varney-2018	169.6075654
604924.55	5601424.18	99.12068127	54140.8	53965.68	53824.88	54036.74239	-211.862394	-5.692393986	Varney-2018	169.737606
604924.41	5601424.21	99.101192	54140.81	53965.22	53824.41	54036.74274	-212.3327448	-6.162744805	Varney-2018	169.2672552
604924.25	5601424.43	99.09769217	54140.82	53964.26	53823.44	54036.7434	-213.3033979	-7.133397948	Varney-2018	168.2966021
604924.17	5601424.28	99.06965247	54140.81	53965.44	53824.63	54036.74337	-212.1133716	-5.943371606	Varney-2018	169.4866284
604924.11	5601424.23	99.05494425	54140.79	53965.16	53824.37	54036.74344	-212.3734366	-6.203436634	Varney-2018	169.2265634
604924.05	5601424.32	99.05438367	54140.78	53966.11	53825.33	54036.74369	-211.4136919	-5.243691916	Varney-2018	170.1863081
604924.07	5601424.23	99.04850812	54140.77	53963.72	53822.95	54036.74353	-213.7935253	-7.623525262	Varney-2018	167.8064747
604923.99	5601423.55	98.9669422	54140.76	53964.27	53823.51	54036.74278	-213.2327778	-7.062777806	Varney-2018	168.3672222
604923.78	5601422.86	98.86354519	54140.74	53964.54	53823.8	54036.7423	-212.9423022	-6.772302228	Varney-2018	168.6576978
604923.39	5601422.28	98.74249733	54140.74	53981.73	53840.99	54036.74237	-195.7523698	10.41763023	Varney-2018	185.8476302
604923.13	5601424.68	98.94258826	54140.73	53981.44	53840.71	54036.74622	-196.0362234	10.1337766	Varney-2018	185.5637766
604923	5601425.86	99.04046294	54140.73	53994.32	53853.59	54036.74813	-183.158127	23.011873	Varney-2018	198.441873
604922.37	5601426.79	99.05475794	54140.73	53995.71	53854.98	54036.75021	-181.7702114	24.39978859	Varney-2018	199.8297886
604922.95	5601427.65	99.21437672	54140.72	54003.92	53863.2	54036.75064	-173.5506419	32.61935812	Varney-2018	208.0493581
604922.72	5601427.45	99.16520482	54140.7	53990.72	53850.02	54036.75067	-186.7306662	19.4393338	Varney-2018	194.8693338
604921.58	5601428.03	99.07928094	54140.69	53989.63	53848.94	54036.75295	-187.8129483	18.35705166	Varney-2018	193.7870517
604919.93	5601426.76	98.74447745	54140.67	53985.41	53844.74	54036.75331	-192.0133123	14.15668773	Varney-2018	189.5866877
604918.53	5601426.33	98.5257905	54140.67	53970.83	53830.16	54036.7545	-206.5945025	-0.424502459	Varney-2018	175.0054975
604918.1	5601426.85	98.52287883	54140.67	53967.52	53826.85	54036.7558	-209.9057976	-3.735797617	Varney-2018	171.6942024
604917.95	5601427.91	98.60817608	54140.67	53960.36	53819.69	54036.75751	-217.067509	-10.89750904	Varney-2018	164.532491
604918	5601428.54	98.67644084	54140.68	53961.34	53820.66	54036.75835	-216.0983458	-9.928345791	Varney-2018	165.5016542
604917.62	5601428.69	98.64298791	54140.66	53956.49	53815.83	54036.75906	-220.9290591	-14.75905909	Varney-2018	160.6709409
604917.27	5601429.15	98.64366013	54140.63	53950.86	53810.23	54036.76018	-226.530181	-20.36018102	Varney-2018	155.069819
604917.47	5601429.98	98.750469	54140.63	53935.34	53794.71	54036.76111	-242.0511112	-35.88111116	Varney-2018	139.5488888
604917.07	5601429.45	98.64761126	54140.62	53934.34	53793.72	54036.76088	-243.0408776	-36.87087755	Varney-2018	138.5591224
604916.53	5601429.43	98.5769685	54140.61	53931.26	53790.65	54036.76156	-246.1115622	-39.94156221	Varney-2018	135.4884378
604915.22	5601431.08	98.57039669	54140.6	53929.55	53788.95	54036.76571	-247.8157128	-41.64571282	Varney-2018	133.7842872
604914.76	5601431.8	98.58121205	54140.59	53924.89	53784.3	54036.76739	-252.4673902	-46.29739019	Varney-2018	129.1326098
604913.36	5601432.56	98.47461924	54140.57	53930.87	53790.3	54036.77041	-246.470414	-40.30041404	Varney-2018	135.129586
604909.73	5601432.48	97.99996725	54140.57	53926.33	53785.76	54036.77523	-251.0152304	-44.84523043	Varney-2018	130.5847696
604909.94	5601433.78	98.14983233	54140.57	53934.92	53794.35	54036.77694	-242.4269376	-36.25693759	Varney-2018	139.1730624
604909.31	5601433.97	98.08629967	54140.58	53934.23	53793.65	54036.7781	-243.1280972	-36.95809722	Varney-2018	138.4719028
604909.77	5601434.76	98.2203905	54140.6	53939.36	53798.76	54036.77868	-238.0186758	-31.84867578	Varney-2018	143.5813242
604909.71	5601435.05	98.23998087	54140.59	53939.71	53799.12	54036.7792	-237.6592044	-31.48920444	Varney-2018	143.9407956
604909.78	5601435.34	98.27645406	54140.58	53937.35	53796.77	54036.77955	-240.0095521	-33.83955211	Varney-2018	141.5904479
604910.18	5601435.84	98.37575908	54140.58	53933.6	53793.02	54036.77976	-243.7597588	-37.58975877	Varney-2018	137.8402412
604908.8	5601436.14	98.22422762	54140.59	53941.74	53801.15	54036.78216	-235.6321575	-29.46215754	Varney-2018	145.9678425
604909.46	5601436.27	98.32252979	54140.57	53930.33	53789.76	54036.78143	-247.0214298	-40.85142985	Varney-2018	134.5785702
604909.74	5601437.74	98.49782822	54140.54	53930.35	53789.81	54036.78329	-246.9732928	-40.80329276	Varney-2018	134.6267072
604909.46	5601438.09	98.49410694	54140.51	53930.27	53789.76	54036.78423	-247.0242306	-40.85423058	Varney-2018	134.5757694
604909.39	5601438.86	98.55748091	54140.48	53924.39	53783.91	54036.78552	-252.8755163	-46.70551629	Varney-2018	128.7244837
604909.1	5601439.77	98.60493219	54140.46	53922.89	53782.43	54036.78734	-254.3573383	-48.18733833	Varney-2018	127.2426617
604909.06	5601440.05	98.62599188	54140.43	53926.17	53785.74	54036.78783	-251.0478287	-44.87782867	Varney-2018	130.5521713
604907.92	5601440.45	98.5126715	54140.41	53921.78	53781.37	54036.79011	-255.4201104	-49.25011045	Varney-2018	126.1798896
604907.9	5601440.24	98.49038103	54140.39	53926.3	53785.91	54036.78981	-250.8798124	-44.70981237	Varney-2018	130.7201876
604907.87	5601439.74	98.4396516	54140.4	53925.38	53784.98	54036.78908	-251.8090767	-45.63907666	Varney-2018	129.7909233
604907.88	5601439.46	98.41478551	54140.41	53925.27	53784.86	54036.78863	-251.9286257	-45.75862571	Varney-2018	129.6713743
604907.69	5601439.43	98.38691261	54140.4	53924.91	53784.51	54036.78885	-252.2788539	-46.10885388	Varney-2018	129.3211461
604907.37	5601439.66	98.36614933	54140.39	53927.71	53787.32	54036.78968	-249.4696769	-43.29967691	Varney-2018	132.1303231
604905.91	5601439.03	98.1150364	54140.39	53925.81	53785.42	54036.7908	-251.3707962	-45.20079619	Varney-2018	130.2292038
604905.63	5601439.08	98.08277132	54140.39	53929.03	53788.64	54036.79128	-248.1512793	-41.9812793	Varney-2018	133.4487207
604905.19	5601438.85	98.00357647	54140.41	53929.06	53788.65	54036.79155	-248.1415478	-41.97154777	Varney-2018	133.4584522
604904.65	5601438.41	97.89200383	54140.43	53924.47	53784.04	54036.79162	-252.7516215	-46.58162152	Varney-2018	128.8483785
604905.12	5601438.61	97.97222835	54140.42	53926.19	53785.77	54036.79127	-251.0212661	-44.85126613	Varney-2018	130.5787339
604903.5	5601441.07	97.98409305	54140.41	53925.53	53785.12	54036.79756	-251.6775635	-45.50756349	Varney-2018	129.9224365
604902.78	5601441.37	97.91587483	54140.41	53927.11	53786.7	54036.79911	-250.099107	-43.92910704	Varney-2018	131.500893
604902.3	5601440.86	97.80575678	54140.42	53924.36	53783.94	54036.79898	-252.8589826	-46.68898259	Varney-2018	128.7410174
604901.72	5601441.78	97.81220078	54140.43	53924.07	53783.64	54036.80134	-253.1613375	-46.99133755	Varney-2018	128.4386625
604901.23	5601440.61	97.64127068	54140.44	53922.32	53781.88	54036.80014	-254.9201396	-48.75013956	Varney-2018	126.6798604
604902.09	5601440.24	97.72162416	54140.44	53921.85	53781.41	54036.79828	-255.3882787	-49.21827871	Varney-2018	126.2117213

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604901.49	5601439.81	97.60332063	54140.45	53922.58	53782.13	54036.79845	-254.6684482	-48.49844824	Varney-2018	126.9315518
604902.32	5601440.56	97.78114183	54140.45	53920.88	53780.43	54036.79846	-256.3684647	-50.19846471	Varney-2018	125.2315353
604899.62	5601440.02	97.37508875	54140.44	53922.61	53782.17	54036.80151	-254.6315122	-48.46151223	Varney-2018	126.9684878
604898.83	5601439.06	97.18497375	54140.43	53921.64	53781.21	54036.80106	-255.5910556	-49.42105565	Varney-2018	126.0089444
604896.8	5601438.6	96.87690015	54140.42	53921.23	53780.81	54036.8032	-255.9932026	-49.82320256	Varney-2018	125.6067974
604895.91	5601438.49	96.75016637	54140.4	53923.43	53783.03	54036.80429	-253.7742931	-47.6042931	Varney-2018	127.8257069
604895.66	5601438.75	96.74010576	54140.38	53921.56	53781.18	54036.8051	-255.6250971	-49.4550971	Varney-2018	125.9749029
604895.96	5601439.01	96.80243695	54140.37	53923.39	53783.02	54036.80511	-253.7851098	-47.61510979	Varney-2018	127.8148902
604895.38	5601438.68	96.69712271	54140.35	53921.33	53780.98	54036.80538	-255.8253798	-49.65537976	Varney-2018	125.7746202
604894.64	5601438.99	96.62680378	54140.33	53921.03	53780.7	54036.80698	-256.1069784	-49.93697837	Varney-2018	125.4930216
604895.01	5601439.63	96.73149511	54140.31	53920.73	53780.42	54036.80755	-256.3875461	-50.21754614	Varney-2018	125.2124539
604894.5	5601439.64	96.66503312	54140.31	53921.21	53780.9	54036.8083	-255.9083027	-49.73830267	Varney-2018	125.6916973
604894.17	5601439.17	96.58055881	54140.3	53921.28	53780.98	54036.80797	-255.8279675	-49.65796745	Varney-2018	125.7720325
604893.8	5601439.2	96.53439501	54140.3	53919.22	53778.92	54036.80855	-257.8885537	-51.71855371	Varney-2018	123.7114463
604893.42	5601439.2	96.4843021	54140.29	53923.55	53783.26	54036.8091	-253.5491025	-47.37910247	Varney-2018	128.0508975
604893.25	5601438.91	96.43678001	54140.28	53920.19	53779.91	54036.80884	-256.8988426	-50.72884261	Varney-2018	124.7011574
604892.15	5601438.41	96.24888919	54140.26	53919.28	53779.02	54036.80955	-257.7895489	-51.6195489	Varney-2018	123.8104511
604892.22	5601437.82	96.20728839	54140.26	53918.27	53778.01	54036.80841	-258.7984127	-52.62841272	Varney-2018	122.8015873
604892.44	5601437.29	96.19045456	54140.25	53923.13	53782.88	54036.80717	-253.9271698	-47.75716984	Varney-2018	127.6728302
604891.57	5601437.17	96.06625971	54140.24	53915.24	53775	54036.80819	-261.8081937	-55.63819368	Varney-2018	119.7918063
604890.9	5601437.36	95.99482359	54140.22	53915.92	53775.7	54036.80948	-261.1094808	-54.93948085	Varney-2018	120.4905192
604890.16	5601436.46	95.82130272	54140.23	53912.18	53771.95	54036.80893	-264.8589291	-58.68892905	Varney-2018	116.7410709
604889.63	5601436.59	95.7631585	54140.24	53916.04	53775.8	54036.80991	-261.0099086	-54.83990863	Varney-2018	120.5900914
604889.58	5601436.99	95.79057105	54140.23	53914.13	53773.9	54036.81069	-262.9106947	-56.7406947	Varney-2018	118.6893053
604889.42	5601438.76	95.91970558	54140.22	53915.07	53774.85	54036.81409	-261.964091	-55.79409098	Varney-2018	119.635909
604889.37	5601440.54	96.06398922	54140.23	53911.3	53771.07	54036.81735	-265.7473516	-59.5773516	Varney-2018	115.8526484
604887.86	5601439.25	95.75556575	54140.25	53914.96	53774.71	54036.81722	-262.1072223	-55.93722225	Varney-2018	119.4927777
604888.13	5601441.25	95.95950009	54140.25	53915	53774.75	54036.82045	-262.0704461	-55.90044614	Varney-2018	119.5295539
604888.25	5601442.69	96.09671895	54140.24	53916.92	53776.68	54036.82287	-260.1428696	-53.97286963	Varney-2018	121.4571304
604886.6	5601442.92	95.89567399	54140.24	53912.84	53772.6	54036.82574	-264.2257448	-58.05574483	Varney-2018	117.3742552
604886.7	5601443.75	95.97832954	54140.24	53918.61	53778.37	54036.82711	-258.4571105	-52.28711045	Varney-2018	123.1428895
604885.9	5601442.87	95.79800833	54140.22	53912.33	53772.11	54036.8267	-264.7166967	-58.54669669	Varney-2018	116.8833033
604885.27	5601443.07	95.73042674	54140.2	53917.51	53777.31	54036.828	-259.5180041	-53.34800412	Varney-2018	122.0819959
604885.45	5601443.88	95.82163247	54140.19	53913.33	53773.14	54036.82923	-263.6892264	-57.51922637	Varney-2018	117.9107736
604885.76	5601442.93	95.78429233	54140.18	53910.39	53770.21	54036.82702	-266.6170155	-60.44701552	Varney-2018	114.9829845
604885.52	5601443.04	95.76135303	54140.18	53912.49	53772.31	54036.82758	-264.5175757	-58.34757574	Varney-2018	117.0824243
604884.92	5601442.88	95.66794389	54140.17	53913.14	53772.97	54036.82818	-263.8581756	-57.68817559	Varney-2018	117.7418244
604885.09	5601442.49	95.65838651	54140.17	53909.61	53769.44	54036.8272	-267.3872026	-61.2172026	Varney-2018	114.2127974
604884.47	5601442.03	95.53777003	54140.17	53913.69	53773.52	54036.82727	-263.3072712	-57.13727122	Varney-2018	118.2927288
604884.23	5601442.08	95.50992663	54140.17	53914.4	53774.23	54036.82772	-262.5977191	-56.42771914	Varney-2018	119.0022809
604883.78	5601442.63	95.4951509	54140.16	53916.26	53776.1	54036.82941	-260.7294092	-54.55940919	Varney-2018	120.8705908
604884.02	5601442.94	95.55266693	54140.15	53913.46	53773.31	54036.82963	-263.5196284	-57.34962844	Varney-2018	118.0803716
604883.56	5601443.04	95.49941336	54140.14	53918.98	53778.84	54036.8305	-257.9905008	-51.82050079	Varney-2018	123.6094992
604883.05	5601443.2	95.44433736	54140.13	53920.06	53779.93	54036.83156	-256.9015612	-50.73156124	Varney-2018	124.6984388
604882.65	5601444.01	95.45692295	54140.11	53923.49	53783.38	54036.83368	-253.4536784	-47.28367844	Varney-2018	128.1463216
604881.98	5601444.2	95.38251274	54140.09	53926.27	53786.18	54036.83504	-250.6550445	-44.48504451	Varney-2018	130.9449555
604881.32	5601443.33	95.22352676	54140.06	53927.32	53787.26	54036.83439	-249.5743926	-43.40439256	Varney-2018	132.0256074
604880.8	5601443.59	95.17494185	54140.06	53934.9	53794.84	54036.83566	-241.9956643	-35.82566426	Varney-2018	139.6043357
604881.2	5601443.93	95.25600393	54140.05	53932.76	53792.71	54036.83571	-244.1257085	-37.95570853	Varney-2018	137.4742915
604880.78	5601443.34	95.15209237	54140.05	53934.71	53794.66	54036.83522	-242.1752194	-36.0052194	Varney-2018	139.4247806
604879.58	5601444.77	95.10611809	54140.05	53942.77	53802.72	54036.83975	-234.1197524	-27.94975244	Varney-2018	147.4802476
604880.06	5601445.51	95.23011495	54140.05	53948.84	53808.79	54036.84044	-228.0504379	-21.88043789	Varney-2018	153.5495621
604880.33	5601445.94	95.30111759	54140.06	53937.91	53797.85	54036.84085	-238.9908457	-32.82084573	Varney-2018	142.6091543
604879.63	5601443.93	95.04552291	54140.06	53938.46	53798.4	54036.83807	-238.4380691	-32.26806912	Varney-2018	143.1619309
604879.53	5601445.16	95.13063142	54140.05	53941.8	53801.75	54036.84058	-235.090575	-28.92057502	Varney-2018	146.509425
604879.57	5601444.28	95.06551839	54140.06	53943.45	53803.39	54036.83883	-233.4488294	-27.27882943	Varney-2018	148.1511706
604879.41	5601443.05	94.94559655	54140.08	53951.49	53811.41	54036.83671	-225.4267133	-19.2567133	Varney-2018	156.1732867
604879.83	5601443.35	95.02579914	54140.07	53957.76	53817.69	54036.83666	-219.1466598	-12.97665985	Varney-2018	162.4533402
604879.31	5601443.59	94.97542599	54140.05	53958.43	53818.38	54036.8379	-218.4578982	-12.28789819	Varney-2018	163.1421018
604879.13	5601444.54	95.02723215	54140.04	53957.04	53817	54036.83999	-219.8399922	-13.66999216	Varney-2018	161.7600078
604877.36	5601445.33	94.85188839	54140.03	53954.53	53814.5	54036.8442	-222.3442015	-16.17420149	Varney-2018	159.2557985
604876.06	5601444.21	94.58887907	54140.02	53943.99	53803.97	54036.84399	-232.8739852	-26.70398524	Varney-2018	148.7260148
604874.91	5601444.54	94.46026107	54140	53929.53	53789.53	54036.84637	-247.3163695	-41.14636952	Varney-2018	134.2836305
604873.69	5601444.29	94.27701833	54139.99	53915.81	53775.82	54036.84772	-261.0277161	-54.85771608	Varney-2018	120.5722839

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604872.69	5601444.1	94.12818138	54139.98	53914.43	53774.45	54036.84884	-262.3988439	-56.22884395	Varney-2018	119.2011561
604868.93	5601443.83	93.60352731	54139.96	53905.33	53765.37	54036.85395	-271.4839523	-65.31395227	Varney-2018	110.1160477
604867.06	5601443.81	93.35143187	54139.94	53902.14	53762.2	54036.85672	-274.6567201	-68.4867201	Varney-2018	106.9432799
604867.21	5601445.25	93.47846264	54139.93	53900.7	53760.77	54036.85948	-276.0894755	-69.91947553	Varney-2018	105.5105245
604865.64	5601445.08	93.2545026	54139.92	53900.78	53760.86	54036.86151	-276.0015069	-69.83150689	Varney-2018	105.5984931
604865.02	5601445.49	93.20106477	54139.92	53900.74	53760.82	54036.86331	-276.043308	-69.87330801	Varney-2018	105.556692
604864.84	5601445.61	93.18557623	54139.91	53901.34	53761.43	54036.86383	-275.4338341	-69.26383415	Varney-2018	106.1661659
604864.09	5601444.85	93.02911933	54139.89	53898.63	53758.74	54036.86337	-278.1233747	-71.95337467	Varney-2018	103.4766253
604863.48	5601445.57	92.99926669	54139.86	53900.88	53761.02	54036.86582	-275.845823	-69.675823	Varney-2018	105.754177
604863.28	5601446.69	93.05338061	54139.84	53902.19	53762.35	54036.8685	-274.5185015	-68.34850151	Varney-2018	107.0814985
604862.9	5601446.59	92.9947178	54139.82	53896.92	53757.1	54036.86887	-279.7688736	-73.59887362	Varney-2018	101.8311264
604862.58	5601446.47	92.94276636	54139.8	53885.4	53745.6	54036.86911	-291.2691101	-85.09911008	Varney-2018	90.33088992
604862.09	5601447.84	92.97489371	54139.77	53889.24	53749.47	54036.87279	-287.4027865	-81.23278645	Varney-2018	94.19721355
604861.86	5601447.91	92.9486534	54139.76	53897.58	53757.82	54036.87329	-279.0532932	-72.88329317	Varney-2018	102.5467068
604861.94	5601446.65	92.86911183	54139.74	53893.29	53753.55	54036.87048	-283.3204773	-77.15047729	Varney-2018	98.27952271
604859.98	5601448.47	92.73273314	54139.73	53895.2	53755.47	54036.87742	-281.4074239	-75.23742394	Varney-2018	100.1925761
604858.02	5601447.29	92.38326597	54139.72	53897.73	53758.01	54036.8779	-278.8679039	-72.69790386	Varney-2018	102.7320961
604857.8	5601447.92	92.39739473	54139.71	53900.13	53760.42	54036.87962	-276.4596225	-70.28962252	Varney-2018	105.1403775
604857.38	5601447.26	92.29435803	54139.7	53921.28	53781.58	54036.87883	-255.2988273	-49.12882735	Varney-2018	126.3011727
604859.01	5601449.16	92.64916094	54139.7	53908.34	53768.64	54036.88044	-268.2404371	-62.0704371	Varney-2018	113.3595629
604859.34	5601449	92.68293533	54139.7	53911.07	53771.37	54036.87957	-265.5095722	-59.33957222	Varney-2018	116.0904278
604859.71	5601450.12	92.81261576	54139.67	53911.8	53772.13	54036.88142	-264.7514163	-58.58141626	Varney-2018	116.8485837
604858.63	5601450.36	92.68150511	54139.63	53922.22	53782.59	54036.88365	-254.2936468	-48.12364678	Varney-2018	127.3063532
604857.72	5601450.86	92.59161478	54139.63	53945.46	53805.83	54036.88618	-231.0561832	-24.88618317	Varney-2018	150.5438168
604856.97	5601452.29	92.58785382	54139.63	53952.78	53813.15	54036.89052	-223.7405202	-17.57052023	Varney-2018	157.8594798
604855.58	5601452.65	92.42074794	54139.63	53943.78	53804.15	54036.89355	-232.743554	-26.57355401	Varney-2018	148.856446
604855.19	5601453.68	92.4374706	54139.63	53929.5	53789.87	54036.89647	-247.0264708	-40.8564708	Varney-2018	134.5735292
604855.57	5601454.09	92.5183546	54139.62	53918.47	53778.85	54036.89676	-258.0467616	-51.87676155	Varney-2018	123.5532384
604855.24	5601454.42	92.49515824	54139.61	53916.1	53776.49	54036.89803	-260.4080326	-54.23803259	Varney-2018	121.1919674
604854.91	5601455.34	92.51223205	54139.61	53910.35	53770.74	54036.90062	-266.1606189	-59.99061886	Varney-2018	115.4393811
604853.91	5601456.25	92.43460172	54139.62	53895.54	53755.92	54036.9043	-280.9843016	-74.81430159	Varney-2018	100.6156984
604853.25	5601458.12	92.46875935	54139.61	53890.25	53750.64	54036.9096	-286.269595	-80.09959505	Varney-2018	95.33040495
604852.6	5601458.41	92.39677494	54139.6	53885.69	53746.09	54036.91134	-290.8213418	-84.65134182	Varney-2018	90.77865818
604852.06	5601460	92.42733167	54139.6	53889.29	53749.69	54036.91585	-287.225846	-81.05584599	Varney-2018	94.37415401
604852.07	5601461.05	92.49918658	54139.59	53885.83	53746.24	54036.9182	-290.6782022	-84.50820219	Varney-2018	90.92179781
604851.05	5601462.26	92.43475476	54139.57	53884.15	53744.58	54036.92271	-292.3427057	-86.17270569	Varney-2018	89.25729431
604849.49	5601463.09	92.26673239	54139.54	53884.68	53745.14	54036.92731	-291.7873135	-85.61731355	Varney-2018	89.81268645
604849.19	5601464.29	92.30265329	54139.54	53886.41	53746.87	54036.93059	-290.0605926	-83.89059258	Varney-2018	91.53940742
604847.75	5601464.73	92.12432709	54139.53	53886.42	53746.89	54036.93414	-290.0441446	-83.87414459	Varney-2018	91.55585541
604846.73	5601465.33	92.00623081	54139.52	53887.36	53747.84	54036.93761	-289.0976074	-82.92760745	Varney-2018	92.50239255
604844.95	5601466.21	91.75868104	54139.5	53899.23	53759.73	54036.94408	-277.2140756	-71.04407556	Varney-2018	104.3859244
604843.97	5601467.64	91.68456866	54139.48	53897.26	53757.78	54036.94981	-279.1698069	-72.99980686	Varney-2018	102.4301931
604843.46	5601471.85	91.87346107	54139.46	53896.54	53757.08	54036.96076	-279.8807567	-73.71075671	Varney-2018	101.7192433
604842.41	5601473.09	91.77672344	54139.45	53894.4	53754.95	54036.96618	-282.0161769	-75.84617693	Varney-2018	99.58382307
604842.1	5601472.89	91.71098938	54139.44	53896.7	53757.26	54036.96648	-279.7064764	-73.53647639	Varney-2018	101.8935236
604841.89	5601472.73	91.66482787	54139.43	53899.46	53760.03	54036.96662	-276.9366235	-70.76662351	Varney-2018	104.6633765
604844.68	5601472.71	92.13679773	54139.41	53897.74	53758.33	54036.95975	-278.6297496	-72.45974956	Varney-2018	102.9702504
604846.85	5601473.28	92.54183885	54139.41	53896.38	53756.97	54036.95576	-279.9857619	-73.81576187	Varney-2018	101.6142381
604846.05	5601473.37	92.41207982	54139.41	53895.15	53755.74	54036.95793	-281.2179255	-75.04792547	Varney-2018	100.3820745
604845.11	5601474.18	92.30555915	54139.4	53897.4	53758	54036.96209	-278.9620939	-72.7920939	Varney-2018	102.6379061
604844.11	5601474.49	92.15653301	54139.39	53901.5	53762.11	54036.96525	-274.8552468	-68.68524683	Varney-2018	106.7447532
604842.85	5601474.96	91.97417706	54139.39	53899.43	53760.04	54036.9694	-276.9293966	-70.75939658	Varney-2018	104.6706034
604841.42	5601475.46	91.76533791	54139.38	53900.65	53761.27	54036.97402	-275.7040211	-69.53402109	Varney-2018	105.8959789
604840.35	5601476.04	91.62292848	54139.38	53898.67	53759.29	54036.97795	-277.6879455	-71.51794555	Varney-2018	103.9120545
604839.24	5601477.38	91.52460416	54139.38	53901.53	53762.15	54036.98369	-274.8336887	-68.66368866	Varney-2018	106.7663113
604838.12	5601478.88	91.43595708	54139.37	53900.19	53760.82	54036.9898	-276.1698009	-69.99980089	Varney-2018	105.4301991
604837.41	5601478.99	91.32387344	54139.35	53895.76	53756.41	54036.99176	-280.5817611	-74.41176114	Varney-2018	101.0182389
604836.38	5601478.75	91.13449787	54139.35	53896.49	53757.14	54036.9937	-279.853701	-73.68370096	Varney-2018	101.746299
604835.66	5601480.21	91.11165115	54139.34	53893.45	53754.11	54036.99873	-282.8887272	-76.71872716	Varney-2018	98.71127284
604834.86	5601480.48	90.99553425	54139.34	53896.22	53756.88	54037.00126	-280.121256	-73.95125602	Varney-2018	101.478744
604834.21	5601480.63	90.89656765	54139.33	53896.52	53757.19	54037.00315	-279.8131531	-73.64315306	Varney-2018	101.7868469
604833.38	5601480.3	90.73487328	54139.33	53891.64	53752.31	54037.00441	-284.6944055	-78.52440553	Varney-2018	96.90559447
604832.3	5601479.97	90.53105776	54139.32	53893.05	53753.73	54037.00626	-283.2762622	-77.10626219	Varney-2018	98.32373781
604830.54	5601481.05	90.3093768	54139.31	53901.55	53762.24	54037.01289	-274.772893	-68.60289301	Varney-2018	106.827107

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604827.3	5601480.28	89.71258821	54139.29	53897.9	53758.61	54037.01896	-278.4089629	-72.23896288	Varney-2018	103.1910371
604826.21	5601482.18	89.66157201	54139.28	53896.23	53756.95	54037.02575	-280.0757543	-73.90575432	Varney-2018	101.5242457
604826.2	5601483.97	89.78427046	54139.27	53894.22	53754.95	54037.02971	-282.0797101	-75.90971009	Varney-2018	99.52028991
604825.2	5601485.13	89.69805707	54139.26	53895.88	53756.62	54037.03463	-280.4146305	-74.24463052	Varney-2018	101.1853695
604824.06	5601484.58	89.4694075	54139.25	53890.75	53751.5	54037.03613	-285.536134	-79.36613405	Varney-2018	96.06386595
604823.32	5601483.66	89.28134718	54139.26	53885.74	53746.48	54037.03589	-290.5558872	-84.38588722	Varney-2018	91.04411278
604822.48	5601484.62	89.20845872	54139.27	53889.22	53749.95	54037.03997	-287.0899746	-80.91997465	Varney-2018	94.51002535
604822.54	5601485.76	89.29863311	54139.27	53905.97	53766.7	54037.04231	-270.342311	-64.17231104	Varney-2018	111.257689
604821.79	5601487.03	89.26314711	54139.26	53912.95	53773.69	54037.04684	-263.3568433	-57.18684335	Varney-2018	118.2431567
604821.4	5601487.4	89.22437095	54139.26	53907.63	53768.37	54037.04857	-268.6785661	-62.50856613	Varney-2018	112.9214339
604820.21	5601489.56	89.17950209	54139.27	53908.27	53769	54037.05604	-268.0560395	-61.88603951	Varney-2018	113.5439605
604820.9	5601490.31	89.3469235	54139.26	53906.13	53766.87	54037.05604	-270.1860444	-64.01604444	Varney-2018	111.4139556
604820.86	5601489.37	89.27384323	54139.24	53899.43	53760.19	54037.0541	-276.8641036	-70.6941036	Varney-2018	104.7358964
604821.31	5601490.66	89.4395418	54139.24	53889.95	53750.71	54037.05584	-286.345843	-80.17584304	Varney-2018	95.25415696
604821.51	5601491.67	89.5439072	54139.23	53890.42	53751.19	54037.05757	-285.8675652	-79.69756518	Varney-2018	95.73243482
604820.35	5601491.66	89.35142143	54139.23	53894.47	53755.24	54037.06025	-281.8202498	-75.65024978	Varney-2018	99.77975022
604819.07	5601491.55	89.13198039	54139.23	53903.28	53764.05	54037.063	-273.0129991	-66.84299913	Varney-2018	108.5870009
604817.97	5601491.97	88.9800609	54139.21	53895.64	53756.43	54037.06647	-280.6364679	-74.46646786	Varney-2018	100.9635321
604817.84	5601492.54	88.99926602	54139.19	53895.33	53756.14	54037.06799	-280.9279942	-74.7579942	Varney-2018	100.6720058
604816.28	5601493.8	88.83205697	54139.19	53885.03	53745.84	54037.07432	-291.2343176	-85.06431765	Varney-2018	90.36568235
604815.07	5601494.21	88.66212466	54139.18	53882.07	53742.89	54037.078	-294.187998	-88.01799801	Varney-2018	87.41200199
604814.28	5601494.82	88.57601157	54139.16	53881.1	53741.94	54037.08112	-295.141125	-88.97112495	Varney-2018	86.45887505
604813.68	5601495.99	88.55990499	54139.14	53882.34	53743.2	54037.08505	-293.8850471	-87.71504708	Varney-2018	87.71495292
604812.94	5601497.37	88.50747258	54139.14	53879.17	53740.03	54037.09049	-297.0604939	-90.89049393	Varney-2018	84.53950607
604812.88	5601498.55	88.55673539	54139.14	53881.79	53742.65	54037.09383	-294.443831	-88.27383096	Varney-2018	87.15616904
604813.08	5601498	88.56221158	54139.12	53886.2	53747.08	54037.09187	-290.0118743	-83.84187432	Varney-2018	91.58812568
604811.33	5601499.22	88.33336962	54139.1	53880.85	53741.75	54037.09928	-295.3492812	-89.17928124	Varney-2018	86.25071876
604809.58	5601499.75	88.06908295	54139.1	53882.28	53743.18	54037.10484	-293.9248409	-87.75484094	Varney-2018	87.67515906
604809.02	5601500.79	88.02655119	54139.1	53884.36	53745.26	54037.10902	-291.8490211	-85.6790211	Varney-2018	89.7509789
604808.69	5601500.99	87.98129327	54139.09	53884.66	53745.57	54037.11035	-291.5403523	-85.37035225	Varney-2018	90.05964775
604808.01	5601501.66	87.9002509	54139.08	53886.46	53747.38	54037.11381	-289.7338129	-83.56381294	Varney-2018	91.86618706
604807.71	5601502.11	87.87177481	54139.08	53887.19	53748.11	54037.11577	-289.0057704	-82.83577045	Varney-2018	92.59422955
604807.57	5601503.58	87.91876684	54139.08	53883.11	53744.03	54037.12018	-293.0901751	-86.92017506	Varney-2018	88.50982494
604806.3	5601503.68	87.71059919	54139.08	53881.06	53741.98	54037.12349	-295.1434942	-88.97349424	Varney-2018	86.45650576
604806.73	5601504.05	87.80028263	54139.07	53889.31	53750.24	54037.12349	-286.8834926	-80.71349258	Varney-2018	94.71650742
604806.91	5601504.08	87.83192138	54139.06	53888.3	53749.24	54037.12314	-287.883144	-81.71314397	Varney-2018	93.71685603
604804.89	5601504.27	87.50173983	54139.05	53888.7	53749.65	54037.12852	-287.4785239	-81.30852392	Varney-2018	94.12147608
604805.44	5601505.72	87.66220202	54139.04	53889.31	53750.27	54037.13125	-286.861254	-80.69125404	Varney-2018	94.73874596
604804.81	5601505.85	87.56208544	54139.02	53893.39	53754.37	54037.13314	-282.7631418	-76.59314184	Varney-2018	98.83685816
604804.52	5601505.9	87.51551822	54139.02	53895.64	53756.62	54037.13398	-280.5139839	-74.34398386	Varney-2018	101.0860161
604804.26	5601505.36	87.44658563	54139.02	53898.67	53759.65	54037.1331	-277.4830972	-71.31309724	Varney-2018	104.1169028
604804.95	5601506.23	87.60345763	54139.01	53896.2	53757.19	54037.13387	-279.9438669	-73.77386687	Varney-2018	101.6561331
604804.54	5601504.67	87.46159588	54139	53896.25	53757.25	54037.13049	-279.8804863	-73.71048632	Varney-2018	101.7195137
604805.53	5601506.83	87.72954534	54139	53900.19	53761.19	54037.13414	-275.9441366	-69.77413656	Varney-2018	105.6558634
604804.97	5601506.16	87.60355948	54138.99	53892.88	53753.89	54037.13362	-283.2436224	-77.07362243	Varney-2018	98.35637757
604804.33	5601504.9	87.43698728	54138.99	53894.91	53755.92	54037.13164	-281.2116372	-75.04163722	Varney-2018	100.3883628
604803.92	5601504.19	87.3351398	54138.99	53897.68	53758.69	54037.13063	-278.4406291	-72.27062906	Varney-2018	103.1593709
604804.53	5601504.41	87.44780484	54138.98	53894.92	53755.94	54037.12978	-281.1897813	-75.01978128	Varney-2018	100.4102187
604803.4	5601505.21	87.29484955	54138.97	53890.94	53751.97	54037.13475	-285.1647511	-78.99475109	Varney-2018	96.43524891
604803.1	5601505.67	87.2654944	54138.96	53887.02	53748.06	54037.13677	-289.0767723	-82.90677233	Varney-2018	92.52322767
604803.3	5601505.88	87.30887135	54138.95	53890.69	53751.74	54037.13688	-285.3968806	-79.22688056	Varney-2018	96.20311944
604802.38	5601505.75	87.14780587	54138.94	53889.74	53750.8	54037.13874	-286.3387395	-80.16873953	Varney-2018	95.26126047
604802.1	5601505.53	87.09058905	54138.93	53886.31	53747.38	54037.13879	-289.7587938	-83.58879382	Varney-2018	91.84120618
604802.21	5601504.78	87.07492999	54138.93	53884.53	53745.6	54037.13641	-291.5364051	-85.36640512	Varney-2018	90.06359488
604800.6	5601503.85	86.7624502	54138.92	53882.76	53743.84	54037.13763	-293.2976325	-87.12763246	Varney-2018	88.30236754
604800.08	5601503.78	86.67209079	54138.92	53888.69	53749.77	54037.13868	-287.3686793	-81.19867925	Varney-2018	94.23132075
604800.82	5601504.85	86.84435095	54138.91	53886.05	53747.14	54037.13995	-289.9999513	-83.8299513	Varney-2018	91.6000487
604799.66	5601505.29	86.6688423	54138.9	53885.24	53746.34	54037.144	-290.8040035	-84.63400347	Varney-2018	90.79599653
604797.16	5601506.06	86.28136768	54138.89	53887.06	53748.17	54037.15226	-288.9822611	-82.81226106	Varney-2018	92.61773894
604797.63	5601506.44	86.37723596	54138.88	53892.12	53753.24	54037.15222	-283.9122179	-77.74221785	Varney-2018	97.68778215
604798.02	5601506.92	86.46411505	54138.86	53887.93	53749.07	54037.15265	-288.0826529	-81.91265287	Varney-2018	93.51734713
604797.59	5601507.81	86.43023781	54138.86	53887.5	53748.64	54037.15626	-288.5162643	-82.34626435	Varney-2018	93.08373565
604797.14	5601508.28	86.37439894	54138.87	53884.5	53745.63	54037.15872	-291.5287206	-85.35872062	Varney-2018	90.07127938
604797.61	5601508.18	86.44976834	54138.86	53890.81	53751.95	54037.15728	-285.2072821	-79.03728206	Varney-2018	96.39271794

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604795.79	5601508.77	86.16637801	54138.85	53888.38	53749.53	54037.16345	-287.6334472	-81.46344725	Varney-2018	93.96655275
604797.38	5601509.41	86.46429991	54138.85	53886.76	53747.91	54037.16139	-289.2513935	-83.08139347	Varney-2018	92.34860653
604797.45	5601509.68	86.48796927	54138.84	53889.01	53750.17	54037.162	-286.992	-80.82200004	Varney-2018	94.60799996
604797.55	5601511.35	86.5778062	54138.83	53890.57	53751.74	54037.16657	-285.4265687	-79.25656872	Varney-2018	96.17343128
604798.14	5601512.48	86.72822064	54138.82	53892.17	53753.35	54037.16835	-283.8183547	-77.64835474	Varney-2018	97.78164526
604798.47	5601513.77	86.84154453	54138.82	53893.26	53754.44	54037.17124	-282.7312373	-76.56123735	Varney-2018	98.86876265
604799.53	5601515.68	87.10873686	54138.83	53890.17	53751.34	54037.17404	-285.8340414	-79.66404138	Varney-2018	95.76595862
604797.18	5601513.87	86.62402998	54138.82	53898.3	53759.48	54037.17476	-277.6947634	-71.52476345	Varney-2018	103.9052366
604797.55	5601513.33	86.66413537	54138.81	53894.95	53756.14	54037.17228	-281.0322775	-74.86227754	Varney-2018	100.5677225
604797.38	5601514.15	86.67062309	54138.8	53894.26	53755.46	54037.17507	-281.7150692	-75.54506915	Varney-2018	99.88493085
604795.82	5601513.26	86.36392794	54138.78	53885.5	53746.72	54037.17641	-290.4564073	-84.2864073	Varney-2018	91.1435927
604795.38	5601513.58	86.30200694	54138.78	53884.78	53746	54037.17844	-291.1784395	-85.00843947	Varney-2018	90.42156053
604794.64	5601512.62	86.1341337	54138.79	53877.36	53738.57	54037.1775	-298.6074955	-92.43749545	Varney-2018	82.99250455
604793.95	5601516.33	86.17186639	54138.79	53876.28	53737.49	54037.19007	-299.700066	-93.530066	Varney-2018	81.899934
604792.17	5601521.32	86.0699119	54138.79	53879.4	53740.61	54037.20928	-296.5992757	-90.42927566	Varney-2018	85.00072434
604789.39	5601517.72	85.43841174	54138.78	53877.54	53738.76	54037.20578	-298.4457778	-92.27577776	Varney-2018	83.15422224
604787.57	5601516.65	85.08023699	54138.77	53876.9	53738.13	54037.20722	-299.0772206	-92.90722064	Varney-2018	82.52277936
604787.77	5601517.89	85.16377286	54138.76	53884.06	53745.3	54037.21042	-291.9104246	-85.74042463	Varney-2018	89.68957537
604787.97	5601518.88	85.23764134	54138.75	53879.48	53740.73	54037.21288	-296.4828751	-90.31287509	Varney-2018	85.11712491
604787.77	5601519.6	85.23119862	54138.76	53867.84	53729.08	54037.21554	-308.1355442	-101.9655442	Varney-2018	73.46445583
604787.28	5601521.11	85.20493274	54138.77	53872.62	53733.85	54037.22134	-303.3713353	-97.20133531	Varney-2018	78.22866469
604788.85	5601522.13	85.52054948	54138.77	53872.33	53733.56	54037.22031	-303.6603062	-97.49030619	Varney-2018	77.93969381
604789.33	5601522.1	85.60360985	54138.77	53888.9	53750.13	54037.21897	-287.0889669	-80.91896691	Varney-2018	94.51103309
604786.76	5601520.8	85.10178387	54138.77	53897.57	53758.8	54037.22175	-278.4217518	-72.25175182	Varney-2018	103.1782482
604782.95	5601519.49	84.38614403	54138.76	53895.8	53757.04	54037.22762	-280.1876229	-74.01762289	Varney-2018	101.4123771
604782.93	5601521.1	84.44281554	54138.77	53902.37	53763.6	54037.23258	-273.6325827	-67.46258269	Varney-2018	107.9674173
604781.05	5601521.05	84.11178202	54138.79	53904.95	53766.16	54037.2373	-271.0773031	-64.90730309	Varney-2018	110.5226969
604777.5	5601521.2	83.49547773	54138.78	53902.29	53763.51	54037.24697	-273.7369709	-67.56697095	Varney-2018	107.8630291
604775.68	5601522.84	83.2329123	54138.76	53890.47	53751.71	54037.25683	-285.5468256	-79.37682564	Varney-2018	96.05317436
604774.98	5601523.72	83.13971578	54138.76	53883.78	53745.02	54037.26142	-292.2414161	-86.07141612	Varney-2018	89.35858388
604775.21	5601524.93	83.22147803	54138.76	53879.21	53740.45	54037.26461	-296.8146076	-90.64460756	Varney-2018	84.78539244
604775.29	5601527.68	83.32941618	54138.76	53873.18	53734.42	54037.27302	-302.8530181	-96.68301815	Varney-2018	78.74698185
604774.31	5601526.99	83.13181287	54138.75	53873.96	53735.21	54037.27346	-302.0634609	-95.8934609	Varney-2018	79.5365391
604774.12	5601527.6	83.11856687	54138.75	53874.16	53735.41	54037.27589	-301.8658866	-95.6958866	Varney-2018	79.7341134
604774.01	5601527.4	83.09228741	54138.74	53877.03	53738.29	54037.27555	-298.98555	-92.81554995	Varney-2018	82.61445005
604774.08	5601526.75	83.08289785	54138.73	53874.69	53735.96	54037.27332	-301.3133168	-95.14331679	Varney-2018	80.28668321
604772.7	5601525.67	82.80227786	54138.71	53874.07	53735.36	54037.27357	-301.9135651	-95.74356512	Varney-2018	79.68643488
604772.66	5601524.65	82.76154862	54138.7	53877.73	53739.03	54037.27044	-298.2404428	-92.07044276	Varney-2018	83.35955724
604773.03	5601524.68	82.82789346	54138.69	53873.36	53734.67	54037.26956	-302.5995635	-96.42956349	Varney-2018	79.00043651
604772.43	5601524.42	82.71336085	54138.68	53871.28	53732.6	54037.27032	-304.6703198	-98.50031976	Varney-2018	76.92968024
604770.98	5601524.08	82.46688652	54138.67	53869.14	53730.47	54037.27251	-306.802508	-100.632508	Varney-2018	74.797492
604769.99	5601524.64	82.40247473	54138.66	53869.17	53730.51	54037.27445	-306.7644464	-100.5944464	Varney-2018	74.8355536
604769.88	5601526.64	82.45809295	54138.64	53866.75	53728.11	54037.28082	-309.1708249	-103.0008249	Varney-2018	72.42917505
604770.01	5601529.95	82.57614181	54138.64	53864.19	53725.55	54037.29133	-311.7413324	-105.5713324	Varney-2018	69.85866762
604769.66	5601530.24	82.55639953	54138.64	53863.62	53724.98	54037.29231	-312.3123091	-106.1423091	Varney-2018	69.28769094
604769.31	5601530.19	82.52564329	54138.63	53861.96	53723.33	54037.2922	-313.9622043	-107.7922043	Varney-2018	67.63779566
604768.83	5601530.12	82.48341571	54138.62	53861.24	53722.62	54037.29206	-314.6720562	-108.5020562	Varney-2018	66.92794378
604767.79	5601528.69	82.3504456	54138.62	53855.78	53717.16	54037.28767	-320.1276712	-113.9576712	Varney-2018	61.47232875
604767.09	5601526.33	82.21554844	54138.61	53850.02	53711.41	54037.28028	-325.8702784	-119.7002784	Varney-2018	55.72972165
604767.03	5601526.11	82.20340734	54138.61	53849.06	53710.45	54037.27959	-326.8295885	-120.6595885	Varney-2018	54.77041154
604766.37	5601525.87	82.14060969	54138.62	53855.86	53717.24	54037.27893	-320.0389297	-113.8689297	Varney-2018	61.56107034
604766.51	5601524.04	82.09285575	54138.61	53855.01	53716.4	54037.27309	-320.8730909	-114.7030909	Varney-2018	60.72690914
604765.6	5601525.44	82.0624629	54138.6	53854.7	53716.1	54037.27768	-321.1776846	-115.0076846	Varney-2018	60.4223154
604764.76	5601526.3	82.02040462	54138.59	53856.15	53717.56	54037.28055	-319.72055	-113.55055	Varney-2018	61.87945005
604764.56	5601526.64	82.01479291	54138.58	53856.64	53718.06	54037.28166	-319.2216618	-113.0516618	Varney-2018	62.37833825
604764.21	5601526.61	81.98465273	54138.57	53855.15	53716.58	54037.28162	-320.7016215	-114.5316215	Varney-2018	60.89837851
604762.75	5601526.42	81.85680847	54138.56	53850.02	53711.46	54037.28125	-325.8212477	-119.6512477	Varney-2018	55.77875233
604761.16	5601526.87	81.73897717	54138.55	53856.86	53718.31	54037.28293	-318.9729269	-112.8029269	Varney-2018	62.62707315
604759.74	5601527.14	81.62946886	54138.54	53854	53715.46	54037.28401	-321.8240071	-115.6540071	Varney-2018	59.7759929
604759.6	5601527.88	81.64194944	54138.54	53854.55	53716.01	54037.28638	-321.2763781	-115.1063781	Varney-2018	60.32362189
604758.23	5601527.32	81.50954078	54138.55	53852.35	53713.8	54037.28482	-323.4848154	-117.3148154	Varney-2018	58.11518462
604757.18	5601526.68	81.40114642	54138.55	53858.1	53719.55	54037.28295	-317.7329494	-111.5629494	Varney-2018	63.86705056
604755.4	5601526.26	81.23908198	54138.54	53862.09	53723.55	54037.2819	-313.7318972	-107.5618972	Varney-2018	67.86810281
604756.02	5601525.14	81.2541156	54138.54	53863.91	53725.37	54037.27825	-311.9082467	-105.7382467	Varney-2018	69.69175334

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604755.86	5601525.08	81.23881503	54138.54	53863.48	53724.94	54037.27808	-312.3380816	-106.1680816	Varney-2018	69.26191836
604755.68	5601524.73	81.21235879	54138.54	53856.85	53718.31	54037.277	-318.9669999	-112.7969999	Varney-2018	62.63300008
604756.08	5601524.54	81.23949245	54138.54	53855.18	53716.64	54037.27633	-320.6363338	-114.4663338	Varney-2018	60.96366618
604756.4	5601523.44	81.23020153	54138.52	53856.03	53717.51	54037.27279	-319.7627934	-113.5927934	Varney-2018	61.8372066
604755.88	5601523.95	81.20351707	54138.5	53853.61	53715.11	54037.27449	-322.164494	-115.994494	Varney-2018	59.43550603
604756.06	5601523.51	81.20413521	54138.5	53854.9	53716.4	54037.27307	-320.8730696	-114.7030696	Varney-2018	60.72693042
604756.37	5601524.02	81.24666638	54138.51	53853.64	53715.13	54037.27464	-322.1446382	-115.9746382	Varney-2018	59.45536182
604755.5	5601524.19	81.17968266	54138.51	53843.85	53705.34	54037.27532	-331.9353156	-125.7653156	Varney-2018	49.66468439
604755.21	5601524.98	81.18135663	54138.5	53844.13	53705.63	54037.27787	-331.6478673	-125.4778673	Varney-2018	49.95213269
604755.18	5601524.82	81.17361913	54138.5	53838.67	53700.17	54037.27736	-337.1073646	-130.9373646	Varney-2018	44.49263542
604754.01	5601524.04	81.05052915	54138.51	53838.06	53699.55	54037.27508	-337.7250765	-131.5550765	Varney-2018	43.8749235
604753.25	5601523.76	80.97797944	54138.5	53838.98	53700.48	54037.27431	-336.7943095	-130.6243095	Varney-2018	44.80569053
604752.65	5601523.57	80.92171462	54138.48	53840.73	53702.25	54037.2738	-335.0238025	-128.8538025	Varney-2018	46.57619746
604751.93	5601523.57	80.86166892	54138.48	53843.83	53705.35	54037.27392	-331.9239171	-125.7539171	Varney-2018	49.67608289
604751.82	5601523.61	80.85380747	54138.47	53843.77	53705.3	54037.27406	-331.9740614	-125.8040614	Varney-2018	49.6259386
604751.79	5601523.67	80.85327392	54138.46	53844.05	53705.59	54037.27426	-331.6842564	-125.5142564	Varney-2018	49.91574365
604749.27	5601521.58	80.57443664	54138.45	53844.45	53706	54037.26804	-331.2680358	-125.0980358	Varney-2018	50.33196425
604749.01	5601520.88	80.52973369	54138.44	53848.1	53709.66	54037.26586	-327.6058598	-121.4358598	Varney-2018	53.99414016
604748.62	5601521.16	80.5063908	54138.42	53855.72	53717.3	54037.26681	-319.9668095	-113.7968095	Varney-2018	61.6331905
604748.73	5601521.4	80.52346046	54138.41	53855.54	53717.13	54037.26755	-320.1375521	-113.9675521	Varney-2018	61.46244789
604748.72	5601521.93	80.54004986	54138.39	53855.12	53716.73	54037.26923	-320.5392327	-114.3692327	Varney-2018	61.06076734
604748.72	5601521.8	80.53577608	54138.39	53851.21	53712.82	54037.26882	-324.4488208	-118.2788208	Varney-2018	57.15117915
604748.52	5601521.78	80.51843109	54138.38	53855	53716.62	54037.26879	-320.6487895	-114.4787895	Varney-2018	60.95121047
604748.32	5601522.02	80.50963582	54138.38	53864.38	53726	54037.26958	-311.2695818	-105.0995818	Varney-2018	70.33041821
604747.69	5601522.86	80.48470848	54138.38	53863.5	53725.12	54037.27234	-312.1523431	-105.9823431	Varney-2018	69.44765693
604746.82	5601523.24	80.4246482	54138.38	53862.03	53723.65	54037.27369	-313.6236852	-107.4536852	Varney-2018	67.97631479
604746.29	5601523.93	80.4031659	54138.37	53880.19	53741.82	54037.27595	-295.4559544	-89.28595443	Varney-2018	86.14404557
604746.16	5601525.13	80.43184539	54138.37	53888.05	53749.68	54037.27977	-287.5997746	-81.42977462	Varney-2018	94.00022538
604745	5601526.04	80.36513951	54138.36	53907.1	53768.74	54037.28284	-268.5428388	-62.37283878	Varney-2018	113.0571612
604743.4	5601527.68	80.28590788	54138.37	53906.73	53768.36	54037.28828	-268.9282809	-62.75828094	Varney-2018	112.6717191
604743.16	5601528.4	80.28967612	54138.39	53905.91	53767.52	54037.2906	-269.7705969	-63.60059695	Varney-2018	111.8294031
604743.2	5601528.74	80.3042278	54138.38	53914.44	53776.06	54037.29167	-261.2316666	-55.06166662	Varney-2018	120.3683334
604743.29	5601529	80.32030256	54138.37	53913.02	53774.65	54037.29248	-262.6424754	-56.47247536	Varney-2018	118.9575246
604743.19	5601530	80.34497601	54138.36	53911.14	53772.78	54037.29566	-264.5156554	-58.34565543	Varney-2018	117.0843446
604742.89	5601532.02	80.38667617	54138.35	53912.94	53774.59	54037.30209	-262.7120939	-56.54209387	Varney-2018	118.8879061
604742.63	5601532.92	80.39475507	54138.35	53916.71	53778.36	54037.30498	-258.9449816	-52.77498164	Varney-2018	122.6550184
604741.38	5601533.05	80.29506997	54138.36	53939.07	53800.71	54037.30558	-236.5955847	-30.42558473	Varney-2018	145.0044153
604742.3	5601533.61	80.3900887	54138.36	53937.59	53799.23	54037.30722	-238.0772154	-31.90721541	Varney-2018	143.5227846
604742.68	5601534.97	80.46658968	54138.37	53968.62	53830.25	54037.31146	-207.0614605	-0.891460503	Varney-2018	174.5385395
604744.11	5601536.65	80.64088308	54138.37	53975.74	53837.37	54037.31656	-199.94656	6.223439978	Varney-2018	181.65344
604743.59	5601537.61	80.62934327	54138.37	53991.34	53852.97	54037.31968	-184.3496768	21.82032322	Varney-2018	197.2503232
604742.51	5601537.97	80.55150497	54138.38	54020.58	53882.2	54037.32098	-155.1209786	51.04902145	Varney-2018	226.4790214
604742.86	5601539.41	80.62811133	54138.4	54040.69	53902.29	54037.32548	-135.0354824	71.13451756	Varney-2018	246.5645176
604742.92	5601539.82	80.64662639	54138.4	54048.41	53910.01	54037.32677	-127.3167708	78.85322917	Varney-2018	254.2832292
604743.01	5601539.83	80.65442894	54138.39	54055.13	53916.74	54037.32679	-120.586789	85.58321097	Varney-2018	261.013211
604742.66	5601540.07	80.6332924	54138.4	54058.36	53919.96	54037.3276	-117.3676007	88.80239931	Varney-2018	264.2323993
604742.27	5601541.57	80.65044635	54138.41	54048.83	53910.42	54037.3324	-126.9124047	79.25759528	Varney-2018	254.6875953
604742.94	5601542.64	80.74136522	54138.4	54037.2	53898.8	54037.33569	-138.5356912	67.63430882	Varney-2018	243.0643088
604742.56	5601543.51	80.73856217	54138.39	54031.57	53893.18	54037.3385	-144.1585	62.01149997	Varney-2018	237.4415
604742.91	5601543.91	80.7807954	54138.38	54031.3	53892.92	54037.33971	-144.4197143	61.75028575	Varney-2018	237.1802857
604743.35	5601544.69	80.84302452	54138.37	54029.74	53891.37	54037.34212	-145.972118	60.19788202	Varney-2018	235.627882
604743.68	5601545.56	80.89908818	54138.36	54024.65	53886.29	54037.34482	-151.054823	55.115177	Varney-2018	230.545177
604743.13	5601546.25	80.87626613	54138.35	54030.84	53892.49	54037.34709	-144.8570867	61.31291333	Varney-2018	236.7429133
604742.63	5601547.21	80.86651827	54138.36	54040.7	53902.34	54037.3502	-135.0101969	71.15980305	Varney-2018	246.5898031
604741.16	5601547.83	80.76520334	54138.37	54058.71	53920.34	54037.35237	-117.0123711	89.15762888	Varney-2018	264.5876289
604741.12	5601546.85	80.72950265	54138.37	54064.49	53926.12	54037.34928	-111.229277	94.94072304	Varney-2018	270.370723
604740.68	5601545.5	80.64841266	54138.37	54075.46	53937.09	54037.34507	-100.2550708	105.9149292	Varney-2018	281.3449292
604741.25	5601545.97	80.71119601	54138.36	54066.93	53928.57	54037.34647	-108.7764744	97.39352559	Varney-2018	272.8235256
604739.42	5601547.08	80.59623684	54138.35	54063.43	53925.08	54037.35025	-112.2702509	93.89974908	Varney-2018	269.3297491
604738.54	5601548.39	80.56668696	54138.35	54053.33	53914.98	54037.35452	-122.3745202	83.79547977	Varney-2018	259.2254798
604738.66	5601549.05	80.59847536	54138.36	54041.88	53903.52	54037.35659	-133.8365897	72.33341034	Varney-2018	247.7634103
604737.61	5601548.78	80.50257194	54138.36	54015.98	53877.62	54037.35589	-159.7358871	46.43411287	Varney-2018	221.8641129
604739.2	5601552.29	80.75041334	54138.35	53994.93	53856.58	54037.36676	-180.786757	25.38324297	Varney-2018	200.813243
604739.32	5601552.83	80.77821058	54138.35	53975.75	53837.4	54037.36845	-199.9684476	6.201552446	Varney-2018	181.6315524

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604740.18	5601556.24	80.96212615	54138.35	53967.38	53829.03	54037.37911	-208.3491104	-2.179110409	Varney-2018	173.2508896
604741.57	5601557.4	81.1153399	54138.35	53959.9	53821.55	54037.38259	-215.8325862	-9.662586194	Varney-2018	165.7674138
604742.1	5601556.62	81.13337303	54138.36	53953.42	53815.06	54037.38004	-222.3200449	-16.15004492	Varney-2018	159.2799551
604743.66	5601560.48	81.38964291	54138.36	53950.56	53812.2	54037.39204	-225.1920435	-19.02204352	Varney-2018	156.4079565
604743.54	5601561.51	81.41371853	54138.37	53938.22	53799.85	54037.39532	-237.5453195	-31.37531952	Varney-2018	144.0546805
604743.42	5601562.58	81.43911958	54138.36	53929.13	53790.77	54037.39872	-246.628722	-40.45872195	Varney-2018	134.971278
604742.19	5601563.23	81.35909661	54138.34	53906.93	53768.59	54037.40095	-268.8109452	-62.64094525	Varney-2018	112.7890548
604739.05	5601562.55	81.07755464	54138.33	53895.32	53756.99	54037.39922	-280.4092198	-74.23921976	Varney-2018	101.1907802
604739.31	5601563.06	81.11588298	54138.32	53899.1	53760.78	54037.4008	-276.6207972	-70.45079716	Varney-2018	104.9792028
604739.55	5601563.63	81.15454053	54138.32	53901.34	53763.02	54037.40257	-274.3825671	-68.21256715	Varney-2018	107.2174329
604739.21	5601563.43	81.11987673	54138.32	53902.66	53764.34	54037.40198	-273.0619806	-66.89198064	Varney-2018	108.5380194
604738.68	5601563.67	81.08410103	54138.3	53896.13	53757.83	54037.40281	-279.5728111	-73.40281106	Varney-2018	102.0271889
604739.24	5601563.39	81.12102786	54138.28	53892.29	53754.01	54037.40185	-283.3918501	-77.22185011	Varney-2018	98.20814989
604738.6	5601563.9	81.08511631	54138.28	53880.27	53741.99	54037.40355	-295.413549	-89.24354903	Varney-2018	86.18645097
604738.66	5601564.58	81.11257567	54138.27	53857.37	53719.1	54037.40569	-318.3056909	-112.1356909	Varney-2018	63.29430911
604738.19	5601565.93	81.11852134	54138.26	53825.08	53686.82	54037.41002	-350.590022	-144.420022	Varney-2018	31.00997804
604737.64	5601565.87	81.07119465	54138.25	53796.18	53657.93	54037.40991	-379.4799058	-173.3099058	Varney-2018	2.120094221
604737.5	5601566.21	81.07091782	54138.25	53772.7	53634.45	54037.411	-402.9609992	-196.7909992	Varney-2018	-21.36099922
604736.7	5601566.78	81.02386963	54138.24	53754.96	53616.72	54037.41291	-420.6929075	-214.5229075	Varney-2018	-39.09290746
604736	5601566.68	80.96286245	54138.23	53737.63	53599.4	54037.41268	-438.0126846	-231.8426846	Varney-2018	-56.41268461
604735.2	5601567.21	80.91451494	54138.21	53695.34	53557.13	54037.41447	-480.2844657	-274.1144657	Varney-2018	-98.68446572
604733.62	5601567.2	80.78398188	54138.2	53681.78	53543.58	54037.41464	-493.834644	-287.664644	Varney-2018	-112.234644
604732.56	5601567.24	80.69796138	54138.19	53652.64	53514.45	54037.41491	-522.9649111	-316.7949111	Varney-2018	-141.3649111
604731.29	5601568.21	80.62558006	54138.19	53662.51	53524.32	54037.41814	-513.0981423	-306.9281423	Varney-2018	-131.4981423
604731.11	5601568.95	80.63537476	54138.19	53685.14	53546.95	54037.4205	-490.4705024	-284.3005024	Varney-2018	-108.8705024
604730.4	5601568.51	80.56224666	54138.19	53694.34	53556.15	54037.41921	-481.269207	-275.099207	Varney-2018	-99.66920699
604729.22	5601569.48	80.49736143	54138.19	53702.2	53564.01	54037.42242	-473.4124241	-267.2424241	Varney-2018	-91.81242411
604728.33	5601569.74	80.43273428	54138.19	53712.86	53574.67	54037.42336	-462.7533615	-256.5833615	Varney-2018	-81.15336153
604726.62	5601569.63	80.28824746	54138.18	53711.2	53573.02	54037.42324	-464.4032391	-258.2332391	Varney-2018	-82.80323905
604726.31	5601570.23	80.28274927	54138.18	53717.44	53579.26	54037.42517	-458.1651723	-251.9951723	Varney-2018	-76.56517232
604726.41	5601570.46	80.29866081	54138.19	53720.22	53582.03	54037.42588	-455.3958847	-249.2258847	Varney-2018	-73.79588471
604725.93	5601569.62	80.23109158	54138.18	53722.27	53584.09	54037.4233	-453.3332982	-247.1632982	Varney-2018	-71.73329815
604726.64	5601572.23	80.37862505	54138.17	53724.31	53586.14	54037.43139	-451.2913862	-245.1213862	Varney-2018	-69.6913862
604726.66	5601572.63	80.39543472	54138.16	53723.41	53585.25	54037.4326	-452.1825973	-246.0125973	Varney-2018	-70.58259727
604726.69	5601573.55	80.43277608	54138.15	53730.89	53592.74	54037.43538	-444.6953849	-238.5253849	Varney-2018	-63.09538492
604726.81	5601573.6	80.44452075	54138.14	53731.58	53593.44	54037.43552	-443.9955217	-237.8255217	Varney-2018	-62.39552174
604725.95	5601573.93	80.38647444	54138.13	53743.84	53605.71	54037.43663	-431.726629	-225.556629	Varney-2018	-50.12662895
604726.33	5601573.48	80.40056935	54138.14	53763.49	53625.35	54037.43522	-412.0852173	-205.9152173	Varney-2018	-30.48521735
604725.21	5601574.27	80.33871914	54138.15	53772.04	53633.89	54037.43775	-403.5477499	-197.3777499	Varney-2018	-21.94774995
604725	5601574.64	80.33560431	54138.13	53762.29	53624.16	54037.4389	-413.2788961	-207.1088961	Varney-2018	-31.67889614
604724.47	5601574.83	80.29942712	54138.11	53752.96	53614.85	54037.43954	-422.5895352	-216.4195352	Varney-2018	-40.9895352
604723.14	5601574.72	80.18624967	54138.11	53753.01	53614.9	54037.43936	-422.5393624	-216.3693624	Varney-2018	-40.93936238
604721.81	5601574.8	80.08035379	54138.12	53746.58	53608.46	54037.43976	-428.979764	-222.809764	Varney-2018	-47.37976395
604720.69	5601575.36	80.0102417	54138.12	53741.9	53603.78	54037.44159	-433.6615866	-227.4915866	Varney-2018	-52.06158656
604719.84	5601575.43	79.94337568	54138.12	53740.67	53602.55	54037.4419	-434.8918979	-228.7218979	Varney-2018	-53.29189791
604718.58	5601574.53	79.8052193	54138.11	53743.01	53604.9	54037.43934	-432.53934	-226.36934	Varney-2018	-50.93933998
604717.32	5601574.2	79.68905323	54138.1	53734.02	53595.92	54037.4385	-441.5185014	-235.3485014	Varney-2018	-59.9185014
604716.05	5601573.41	79.55391588	54138.1	53718.2	53580.1	54037.43629	-457.3362872	-251.1662872	Varney-2018	-75.73628723
604714.91	5601572.71	79.43275829	54138.11	53703.27	53565.16	54037.43433	-472.2743327	-266.1043327	Varney-2018	-90.67433271
604716.95	5601573.52	79.63210997	54138.11	53696.24	53558.13	54037.43651	-479.3065052	-273.1365052	Varney-2018	-97.70650521
604715.88	5601573.3	79.53564076	54138.11	53693.27	53555.16	54037.43598	-482.2759786	-276.1059786	Varney-2018	-100.6759786
604713.82	5601573.12	79.35937281	54138.09	53694.66	53556.57	54037.4357	-480.8656978	-274.6956978	Varney-2018	-99.26569777
604712.77	5601572.6	79.25251532	54138.07	53703.07	53565	54037.43428	-472.4342759	-266.2642759	Varney-2018	-90.83427585
604711.53	5601573.08	79.16968731	54138.06	53712.24	53574.18	54037.43587	-463.2558662	-257.0858662	Varney-2018	-81.6558662
604709.7	5601572.46	78.99455264	54138.05	53737.89	53599.84	54037.43425	-437.59425	-231.42425	Varney-2018	-55.99425001
604709.46	5601573.25	79.00646263	54138.05	53769.09	53631.04	54037.43663	-406.3966327	-200.2266327	Varney-2018	-24.79663275
604707.9	5601572.11	78.83247127	54138.06	53804.07	53666.01	54037.43344	-371.4234399	-165.2534399	Varney-2018	10.1765601
604706.08	5601571.83	78.67142009	54138.05	53836.61	53698.56	54037.43284	-338.8728442	-132.7028442	Varney-2018	42.72715583
604704.62	5601572.6	78.58257121	54138.04	53850.28	53712.24	54037.43531	-325.1953141	-119.0253141	Varney-2018	56.40468594
604705.39	5601572.68	78.64911141	54138.02	53855.7	53717.68	54037.43545	-319.7554531	-113.5854531	Varney-2018	61.84454692
604702.98	5601573.73	78.49393324	54138	53872.78	53734.78	54037.43886	-302.6588631	-96.4888631	Varney-2018	78.9411369
604699.68	5601571.79	78.14313722	54138	53884.65	53746.65	54037.43356	-290.783556	-84.61355595	Varney-2018	90.81644405
604698.34	5601572.18	78.04894003	54137.99	53894	53756.01	54037.43488	-281.424879	-75.25487897	Varney-2018	100.175121
604697.84	5601573.69	78.07047966	54137.98	53881.11	53743.13	54037.43938	-294.3093811	-88.13938108	Varney-2018	87.29061892

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604696.57	5601574.38	77.99500075	54137.96	53875.71	53737.75	54037.44156	-299.6915632	-93.52156321	Varney-2018	81.90843679
604696.29	5601574.17	77.96329057	54137.95	53878.88	53740.93	54037.44098	-296.5109811	-90.34098113	Varney-2018	85.08901887
604696.07	5601573.63	77.92271958	54137.93	53866.51	53728.58	54037.43942	-308.8594242	-102.6894242	Varney-2018	72.74057583
604694.89	5601573.25	77.78631358	54137.93	53863.77	53725.84	54037.43908	-311.5990848	-105.4290848	Varney-2018	70.00091515
604693.77	5601574.32	77.67450881	54137.94	53851.56	53713.62	54037.44407	-323.824074	-117.654074	Varney-2018	57.77592596
604694.06	5601575.44	77.76190588	54137.93	53847.57	53709.64	54037.44688	-327.8068756	-121.6368756	Varney-2018	53.79312445
604693.42	5601576.85	77.73146649	54137.92	53832.45	53694.53	54037.45207	-342.9220653	-136.7520653	Varney-2018	38.67793473
604692.49	5601577.41	77.624955	54137.92	53825.97	53688.05	54037.45524	-349.4052438	-143.2352438	Varney-2018	32.19475621
604691.72	5601577.38	77.51610743	54137.92	53814.24	53676.32	54037.45643	-361.1364293	-154.9664293	Varney-2018	20.46357072
604690.87	5601578.99	77.46478907	54137.92	53804.85	53666.93	54037.46255	-370.5325497	-164.3625497	Varney-2018	11.0674503
604690.18	5601580.2	77.41910349	54137.91	53790.57	53652.66	54037.46723	-384.8072332	-178.6372332	Varney-2018	-3.207233239
604688.97	5601580.7	77.27105548	54137.91	53765.48	53627.57	54037.4707	-409.9006964	-203.7306964	Varney-2018	-28.3006964
604688.97	5601580.98	77.28279554	54137.91	53746.39	53608.48	54037.47152	-428.9915161	-222.8215161	Varney-2018	-47.39151611
604687.93	5601581.13	77.14383501	54137.91	53745.56	53607.65	54037.47367	-429.8236733	-223.6536733	Varney-2018	-48.22367328
604687.36	5601582.02	77.10156877	54137.91	53725.03	53587.12	54037.47722	-450.3572197	-244.1872197	Varney-2018	-68.75721973
604687.02	5601582.14	77.05912414	54137.92	53724.75	53586.83	54037.47813	-450.6481325	-244.4781325	Varney-2018	-69.04813245
604686.3	5601582.63	76.97914749	54137.93	53729.85	53591.92	54037.48076	-445.5607554	-239.3907554	Varney-2018	-63.9607554
604684.72	5601583.15	76.78036301	54137.92	53727.3	53589.38	54037.48489	-448.1048857	-241.9348857	Varney-2018	-66.50488567
604684.23	5601582.88	76.7006021	54137.91	53732.09	53594.18	54037.4849	-443.3049048	-237.1349048	Varney-2018	-61.70490483
604679.82	5601580.06	75.96612934	54137.92	53727.9	53589.98	54037.48394	-447.5039427	-241.3339427	Varney-2018	-65.90394272
604679.71	5601580.46	75.96760101	54137.93	53735.02	53597.09	54037.48529	-440.3952938	-234.2252938	Varney-2018	-58.79529378
604679.67	5601580.77	75.97506267	54137.93	53738.33	53600.4	54037.48627	-437.0862661	-230.9162661	Varney-2018	-55.48626606
604678.72	5601580.89	75.84742959	54137.93	53744.54	53606.61	54037.48819	-430.8781863	-224.7081863	Varney-2018	-49.2781863
604678.04	5601580.94	75.75456172	54137.93	53751.37	53613.44	54037.48946	-424.0494558	-217.8794558	Varney-2018	-42.44945582
604678.14	5601580.99	75.77063435	54137.92	53746.83	53608.91	54037.48944	-428.5794367	-222.4094367	Varney-2018	-46.97943674
604677.45	5601581.16	75.68142732	54137.92	53716.89	53578.97	54037.49107	-458.5210734	-252.3510734	Varney-2018	-76.9210734
604676.36	5601581.2	75.5308809	54137.92	53708.59	53570.67	54037.49299	-466.8229909	-260.6529909	Varney-2018	-85.22299087
604675.79	5601580.59	75.42555546	54137.91	53736.23	53598.32	54037.49215	-439.1721504	-233.0021504	Varney-2018	-57.57215041
604674.01	5601580.67	75.18031319	54137.89	53750.48	53612.59	54037.49532	-424.905325	-218.735325	Varney-2018	-43.30532496
604673.96	5601581.6	75.21256905	54137.88	53738.51	53600.63	54037.49812	-436.8681237	-230.6981237	Varney-2018	-55.26812367
604673.08	5601582.31	75.11964059	54137.87	53747.67	53609.8	54037.50165	-427.7016505	-221.5316505	Varney-2018	-46.10165047
604672.97	5601583.39	75.1498671	54137.87	53746.49	53608.62	54037.50499	-428.8849858	-222.7149858	Varney-2018	-47.2849858
604672.74	5601584.07	75.14645948	54137.86	53746.9	53609.04	54037.50735	-428.4673511	-222.2973511	Varney-2018	-46.86735108
604669.92	5601583.02	74.70837756	54137.85	53786.78	53648.93	54037.50894	-388.5789411	-182.4089411	Varney-2018	-6.978941097
604669.79	5601584.85	74.76757302	54137.84	53821.47	53683.63	54037.5145	-353.8844967	-147.7144967	Varney-2018	27.71550325
604669.33	5601585.76	74.74182772	54137.82	53820.8	53682.98	54037.51791	-354.5379116	-148.3679116	Varney-2018	27.06208845
604669.8	5601587.71	74.88985017	54137.8	53823.26	53685.46	54037.52283	-352.0628274	-145.8928274	Varney-2018	29.5371726
604670.54	5601590.14	75.09579043	54137.8	53811.23	53673.43	54037.5287	-364.0987002	-157.9287002	Varney-2018	17.50129977
604670.03	5601590.66	75.04661928	54137.81	53823.31	53685.5	54037.53106	-352.0310583	-145.8610583	Varney-2018	29.56894171
604669.1	5601592.28	74.98537946	54137.82	53847.24	53709.42	54037.53732	-328.117318	-121.947318	Varney-2018	53.48268198
604669.05	5601592.4	74.98347962	54137.83	53854.71	53716.88	54037.53775	-320.6577505	-114.4877505	Varney-2018	60.94224945
604668.54	5601593.9	74.97578494	54137.83	53867.76	53729.93	54037.54297	-307.6129673	-101.4429673	Varney-2018	73.98703267
604668.04	5601595.68	74.9813545	54137.82	53873.05	53735.23	54037.54898	-302.3189839	-96.14898392	Varney-2018	79.28101608
604667.07	5601596.07	74.86263196	54137.83	53879.44	53741.61	54037.55172	-295.9417175	-89.77171746	Varney-2018	85.65828254
604665.42	5601596.62	74.65591002	54137.84	53890.82	53752.98	54037.55604	-284.5760357	-78.40603574	Varney-2018	97.02396426
604664.61	5601597.41	74.57646591	54137.84	53910.94	53773.1	54037.55967	-264.4596717	-58.28967171	Varney-2018	117.1403283
604664.03	5601598.19	74.52867413	54137.84	53906.82	53768.98	54037.5629	-268.5828998	-62.41289981	Varney-2018	113.0171002
604662.33	5601599.75	74.35789706	54137.84	53887.86	53750.02	54037.57024	-287.5502421	-81.38024209	Varney-2018	94.04975791
604659.99	5601600.85	74.07853424	54137.84	53881.46	53743.62	54037.57729	-293.9572927	-87.78729266	Varney-2018	87.64270734
604658.62	5601600.99	73.89361569	54137.84	53878.37	53740.53	54037.57995	-297.0499511	-90.87995107	Varney-2018	84.55004893
604657.83	5601601.41	73.80139799	54137.84	53881.84	53744	54037.58247	-293.5824722	-87.41247222	Varney-2018	88.01752778
604657.98	5601602.97	73.88855361	54137.84	53844.95	53707.11	54037.58677	-330.4767702	-124.3067702	Varney-2018	51.12322979
604657.48	5601605.91	73.94381394	54137.83	53806.17	53668.34	54037.59615	-369.2561547	-163.0861547	Varney-2018	12.34384527
604655.01	5601605.31	73.57440673	54137.81	53796.11	53658.3	54037.59846	-379.2984594	-173.1284594	Varney-2018	2.301540557
604653.43	5601605.65	73.36887938	54137.79	53785.85	53648.06	54037.60204	-389.5420414	-183.3720414	Varney-2018	-7.942041371
604653.22	5601607.21	73.40603101	54137.78	53757.85	53620.07	54037.60693	-417.5369267	-211.3669267	Varney-2018	-35.93692675
604652.78	5601607.76	73.36819218	54137.76	53744.63	53606.87	54037.60925	-430.7392491	-224.5692491	Varney-2018	-49.13924908
604650.66	5601609.16	73.13274349	54137.76	53733.01	53595.25	54037.6168	-442.3667983	-236.1967983	Varney-2018	-60.76679828
604649.42	5601610.29	73.00833857	54137.75	53756.56	53618.81	54037.62212	-418.8121177	-212.6421177	Varney-2018	-37.21211766
604648.44	5601609.62	72.84340123	54137.75	53777.39	53639.64	54037.62177	-397.9817745	-191.8117745	Varney-2018	-16.38177446
604647.5	5601609.93	72.72581311	54137.75	53793.27	53655.52	54037.62422	-382.1042163	-175.9342163	Varney-2018	-0.504216295
604646.8	5601610.98	72.67320794	54137.74	53814.07	53676.33	54037.62842	-361.2984164	-155.1284164	Varney-2018	20.30158356
604646.23	5601611.66	72.62292226	54137.73	53817	53679.27	54037.63133	-358.3613272	-152.1913272	Varney-2018	23.23867277
604645.51	5601612.53	72.55989488	54137.73	53838.28	53700.55	54037.63504	-337.0850356	-130.9150356	Varney-2018	44.51496437

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604644.24	5601614.15	72.45242397	54137.74	53855.38	53717.64	54037.64182	-320.0018237	-113.8318237	Varney-2018	61.59817632
604643.58	5601614.89	72.39224804	54137.73	53855.66	53717.93	54037.64505	-319.7150544	-113.5450544	Varney-2018	61.88494556
604643.05	5601614.82	72.31554975	54137.71	53857.68	53719.97	54037.64572	-317.6757182	-111.5057182	Varney-2018	63.92428182
604641.99	5601614.49	72.15402572	54137.7	53866.34	53728.64	54037.64649	-309.0064937	-102.8364937	Varney-2018	72.59350629
604640.37	5601613.67	71.89363922	54137.69	53867.77	53730.08	54037.64676	-307.5667626	-101.3967626	Varney-2018	74.03323735
604640	5601614.36	71.87170112	54137.68	53868.11	53730.43	54037.64937	-307.2193724	-101.0493724	Varney-2018	74.38062756
604639.41	5601614.24	71.78450865	54137.67	53860.05	53722.38	54037.64999	-315.2699894	-109.0999894	Varney-2018	66.33001061
604639.61	5601615.55	71.86838937	54137.67	53856.91	53719.24	54037.65347	-318.4134669	-112.2434669	Varney-2018	63.18653306
604639.36	5601616.84	71.88883927	54137.66	53851.5	53713.84	54037.65762	-323.8176225	-117.6476225	Varney-2018	57.7823775
604639.19	5601617.13	71.87761671	54137.65	53847.84	53710.19	54037.65874	-327.4687427	-121.2987427	Varney-2018	54.13125727
604639.03	5601618.46	71.91230604	54137.63	53849.12	53711.49	54037.66287	-326.1728669	-120.0028669	Varney-2018	55.42713309
604638.62	5601618.63	71.86259192	54137.64	53846.23	53708.59	54037.66403	-329.0740307	-122.9040307	Varney-2018	52.52596927
604638.16	5601618.71	71.80207617	54137.65	53846.76	53709.11	54037.66501	-328.5550149	-122.3850149	Varney-2018	53.04498514
604637.95	5601618.51	71.76432042	54137.63	53841.39	53703.76	54037.66478	-333.9047773	-127.7347773	Varney-2018	47.69522266
604637.65	5601618.21	71.70976919	54137.6	53839.39	53701.79	54037.6644	-335.8743966	-129.7043966	Varney-2018	45.72560338
604636.97	5601618.35	71.62123996	54137.59	53834.6	53697.01	54037.66591	-340.6559146	-134.4859146	Varney-2018	40.94408539
604636.57	5601618.98	71.59263267	54137.57	53828	53690.43	54037.6684	-347.2383973	-141.0683973	Varney-2018	34.36160267
604636.95	5601620.55	71.71271703	54137.54	53827.96	53690.42	54037.67233	-347.2523344	-141.0823344	Varney-2018	34.34766564
604634.95	5601622.26	71.50810147	54137.51	53819.74	53682.23	54037.68056	-355.4505643	-149.2805643	Varney-2018	26.14943573
604634.89	5601622.86	71.52549336	54137.49	53823.87	53686.38	54037.6824	-351.3024036	-145.1324036	Varney-2018	30.29759642
604634.17	5601623.31	71.44476638	54137.47	53820.61	53683.14	54037.68488	-354.5448848	-148.3748848	Varney-2018	27.05511521
604633.79	5601625.05	71.46662202	54137.45	53813.66	53676.21	54037.69055	-361.480554	-155.310554	Varney-2018	20.11944596
604632.69	5601625.88	71.34946541	54137.42	53820.65	53683.23	54037.69476	-354.4647566	-148.2947566	Varney-2018	27.1352434
604631.74	5601625.73	71.21109295	54137.43	53810.11	53672.68	54037.69587	-365.015871	-158.845871	Varney-2018	16.58412904
604631.28	5601625.84	71.15193267	54137.45	53819.03	53681.58	54037.69694	-356.1169403	-149.9469403	Varney-2018	25.48305967
604631.68	5601627.43	71.27575303	54137.45	53840.94	53703.49	54037.7009	-334.2109001	-128.0409001	Varney-2018	47.38909992
604629.78	5601626.02	70.95135248	54137.44	53841.92	53704.48	54037.69991	-333.2199089	-127.0499089	Varney-2018	48.38009114
604627.55	5601626.32	70.65456767	54137.45	53822	53684.55	54037.70442	-353.1544155	-146.9844155	Varney-2018	28.44558446
604625.98	5601626.29	70.4352536	54137.47	53805.62	53668.15	54037.70689	-369.556889	-163.386889	Varney-2018	12.04311103
604624.86	5601627.4	70.32751391	54137.46	53787.17	53649.71	54037.71193	-388.0019318	-181.8319318	Varney-2018	-6.401931785
604625.1	5601629.49	70.45081789	54137.44	53755.73	53618.29	54037.7176	-419.4275966	-213.2575966	Varney-2018	-37.82759664
604625.62	5601630.25	70.55571342	54137.44	53738.06	53600.62	54037.71895	-437.0989518	-230.9289518	Varney-2018	-55.49895179
604624.92	5601630.28	70.45984582	54137.45	53721.15	53583.7	54037.72018	-454.020179	-247.850179	Varney-2018	-72.420179
604623.83	5601629.8	70.28787948	54137.44	53713.76	53576.32	54037.72056	-461.400564	-255.230564	Varney-2018	-79.80056398
604621.23	5601629.4	69.90973325	54137.43	53725.23	53587.8	54037.72364	-449.9236415	-243.7536415	Varney-2018	-68.32364152
604621.26	5601629.78	69.93028337	54137.42	53753.83	53616.41	54037.72469	-421.3146931	-215.1446931	Varney-2018	-39.71469307
604622.16	5601630.32	70.0784863	54137.4	53771.24	53633.84	54037.72479	-403.8847908	-197.7147908	Varney-2018	-22.28479079
604621.43	5601632.04	70.0513257	54137.39	53806.13	53668.74	54037.73096	-368.990961	-162.820961	Varney-2018	12.60903904
604618.61	5601630.26	69.77985559	54137.38	53823.08	53685.7	54037.72518	-352.0251811	-145.8551811	Varney-2018	29.57481886
604618.45	5601630.73	69.81774808	54137.37	53858.16	53720.79	54037.72575	-316.9357459	-110.7657459	Varney-2018	64.66425405
604617.68	5601631.49	69.93531437	54137.35	53882.66	53745.31	54037.72412	-292.4141156	-86.24411563	Varney-2018	89.18588437
604616.78	5601630.8	70.00472655	54137.34	53891.93	53754.59	54037.71764	-283.127638	-76.95763804	Varney-2018	98.47236196
604616.23	5601630.96	70.07219654	54137.32	53893.34	53756.02	54037.71536	-281.6953647	-75.52536475	Varney-2018	99.90463525
604616.3	5601632.05	70.11138785	54137.3	53895.78	53758.48	54037.71887	-279.2388722	-73.06887222	Varney-2018	102.3611278
604614.94	5601634.45	70.36427159	54137.28	53900.95	53763.67	54037.71907	-274.0490654	-67.87906544	Varney-2018	107.5509346
604614.24	5601636.09	70.5117115	54137.26	53920.03	53782.77	54037.72034	-254.9503414	-48.78034141	Varney-2018	126.6496586
604612.7	5601637.85	70.75650433	54137.24	53917.57	53780.33	54037.71779	-257.387794	-51.21779405	Varney-2018	124.212206
604611.61	5601637.89	70.87798094	54137.22	53920.47	53783.25	54037.71249	-254.462494	-48.29249402	Varney-2018	127.137506
604610.53	5601639.59	71.06940108	54137.2	53934.02	53796.82	54037.71207	-240.8920651	-34.72206507	Varney-2018	140.7079349
604608.97	5601641.01	71.301382	54137.19	53944.37	53807.18	54037.70844	-230.528443	-24.35844297	Varney-2018	151.071557
604607.81	5601642.24	71.48119832	54137.18	53948.4	53811.22	54037.70626	-226.4862588	-20.31625882	Varney-2018	155.1137412
604606.39	5601643.03	71.67065094	54137.18	53941.98	53804.8	54037.70151	-232.9015074	-26.73150745	Varney-2018	148.6984926
604605.51	5601642.79	71.75693462	54137.19	53941.55	53804.36	54037.69644	-233.3364413	-27.16644127	Varney-2018	148.2635587
604605.4	5601643.36	71.79327747	54137.19	53937.67	53800.48	54037.69755	-237.2175539	-31.04755386	Varney-2018	144.3824461
604605.73	5601643.5	71.76305657	54137.18	53938.66	53801.48	54037.6996	-236.219599	-30.04959902	Varney-2018	145.380401
604605.55	5601643.36	71.77682935	54137.18	53938.17	53800.99	54037.6983	-236.7082983	-30.53829833	Varney-2018	144.8917017
604605.47	5601643.2	71.77878625	54137.18	53938.56	53801.38	54037.69744	-236.3174357	-30.14743572	Varney-2018	145.2825643
604605.26	5601642.96	71.79159382	54137.18	53939.84	53802.66	54037.6957	-235.035695	-28.86569504	Varney-2018	146.564305
604605.25	5601643.16	71.80120805	54137.17	53941.77	53804.6	54037.69623	-233.0962274	-26.9262274	Varney-2018	148.5037726
604605.7	5601643.22	71.75441644	54137.18	53941.21	53804.03	54037.69864	-233.6686355	-27.49863546	Varney-2018	147.9313645
604606.02	5601642.8	71.7014256	54137.19	53941.93	53804.74	54037.699	-232.9590019	-26.78900186	Varney-2018	148.6409981
604606.06	5601642.68	71.69192414	54137.2	53942.46	53805.26	54037.69885	-232.4388513	-26.26885131	Varney-2018	149.1611487
604605.39	5601642.04	71.73815091	54137.21	53942.89	53805.68	54037.69366	-232.0136632	-25.84366324	Varney-2018	149.5863368
604605.24	5601641.62	71.73672028	54137.22	53942.79	53805.57	54037.6917	-232.1216964	-25.95169637	Varney-2018	149.4783036

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604605.15	5601641.63	71.74702125	54137.24	53943.03	53805.79	54037.69128	-231.9012786	-25.73127862	Varney-2018	149.6987214
604605.09	5601641.69	71.75615952	54137.23	53943.31	53806.08	54037.69116	-231.6111553	-25.44115533	Varney-2018	149.9888447
604605.1	5601641.76	71.75804303	54137.22	53943.19	53805.97	54037.69141	-231.7214087	-25.55140869	Varney-2018	149.8785913
604605.2	5601641.98	71.75644007	54137.22	53942.72	53805.5	54037.69255	-232.1925454	-26.02254538	Varney-2018	149.4074546
604605.51	5601642.23	71.73307972	54137.22	53942.76	53805.54	54037.69481	-232.1548118	-25.98481183	Varney-2018	149.4451882
604605.81	5601642.47	71.71039635	54137.22	53943.1	53805.88	54037.697	-231.8169994	-25.64699938	Varney-2018	149.7830006
604605.89	5601642.6	71.70716089	54137.22	53942.87	53805.65	54037.69777	-232.0477747	-25.87777471	Varney-2018	149.5522253
604605.9	5601642.73	71.71160382	54137.22	53943.16	53805.94	54037.6982	-231.7582026	-25.58820256	Varney-2018	149.8417974
604605.99	5601642.87	71.7076991	54137.22	53945.8	53808.58	54037.69906	-229.1190566	-22.94905659	Varney-2018	152.4809434
604606.31	5601643.02	71.67899802	54137.21	53944.62	53807.41	54037.70108	-230.2910813	-24.12108128	Varney-2018	151.3089187
604606.24	5601643.05	71.68795358	54137.2	53945.84	53808.64	54037.70082	-229.0608211	-22.89082111	Varney-2018	152.5391789
604606.11	5601643.06	71.70263644	54137.19	53945.85	53808.66	54037.7002	-229.0402049	-22.87020495	Varney-2018	152.5597951
604606.04	5601643.12	71.71287022	54137.17	53945.81	53808.64	54037.70003	-229.0600321	-22.89003206	Varney-2018	152.5399679
604606.03	5601643.11	71.71354067	54137.16	53945.99	53808.83	54037.69995	-228.8699533	-22.69995333	Varney-2018	152.7300467
604605.69	5601643.06	71.7486962	54137.15	53945.67	53808.52	54037.69812	-229.1781203	-23.00812031	Varney-2018	152.4218797
604605.6	5601643.22	71.76538241	54137.14	53946.74	53809.6	54037.69814	-228.0981391	-21.92813914	Varney-2018	153.5018609
604605.49	5601643.27	71.77957484	54137.12	53946.85	53809.73	54037.69774	-227.9677387	-21.79773867	Varney-2018	153.6322613
604605.32	5601643.34	71.80119799	54137.12	53946.86	53809.74	54037.6971	-227.9570986	-21.78709861	Varney-2018	153.6429014
604605.22	5601643.33	71.81173761	54137.12	53946.8	53809.68	54037.69657	-228.0165732	-21.8465732	Varney-2018	153.5834268
604605.17	5601643.29	71.815517	54137.12	53946.39	53809.27	54037.69621	-228.4262086	-22.25620864	Varney-2018	153.1737914
604605.11	5601643.29	71.82209641	54137.11	53946	53808.89	54037.69591	-228.8059108	-22.63591085	Varney-2018	152.7940892
604604.9	5601643.28	71.84469863	54137.12	53946.98	53809.86	54037.69484	-227.8348395	-21.66483948	Varney-2018	153.7651605
604604.87	5601643.33	71.85011697	54137.14	53947.56	53810.42	54037.69484	-227.2748361	-21.1048361	Varney-2018	154.3251639
604604.8	5601643.35	71.85864423	54137.15	53946.78	53809.63	54037.69455	-228.0645469	-21.89454689	Varney-2018	153.5354531
604604.61	5601643.3	71.87735049	54137.17	53946.04	53808.87	54037.69346	-228.8234584	-22.65345836	Varney-2018	152.7765416
604604.56	5601643.21	71.8790029	54137.17	53945.43	53808.26	54037.69295	-229.4329482	-23.26294824	Varney-2018	152.1670518
604604.5	5601643.27	71.88813597	54137.18	53945.45	53808.27	54037.69283	-229.4228251	-23.25282509	Varney-2018	152.1771749
604604.5	5601643.19	71.88473136	54137.19	53946	53808.81	54037.69259	-228.8825922	-22.71259223	Varney-2018	152.7174078
604604.5	5601643.15	71.88302905	54137.2	53945.82	53808.62	54037.69248	-229.0724758	-22.9024758	Varney-2018	152.5275242
604604.45	5601643.17	71.88936329	54137.21	53945.95	53808.74	54037.69229	-228.9522858	-22.78228585	Varney-2018	152.6477142
604604.76	5601643.09	71.85196271	54137.23	53945.82	53808.59	54037.69359	-229.1035916	-22.93359163	Varney-2018	152.4964084
604604.94	5601643.01	71.82881701	54137.23	53946.07	53808.84	54037.69425	-228.8542522	-22.68425222	Varney-2018	152.7457478
604604.92	5601642.95	71.8284559	54137.23	53945.83	53808.6	54037.69398	-229.0939783	-22.92397833	Varney-2018	152.5060217
604604.4	5601642.64	71.87229291	54137.22	53945.75	53808.53	54037.69049	-229.1604949	-22.99049491	Varney-2018	152.4395051
604603.53	5601642.31	71.95368576	54137.21	53943.03	53805.82	54037.68522	-231.8652154	-25.69521544	Varney-2018	149.7347846
604603.79	5601642.3	71.92473949	54137.2	53944.31	53807.11	54037.68648	-230.576477	-24.40647702	Varney-2018	151.023523
604603.42	5601642.16	71.95937515	54137.19	53944.62	53807.43	54037.68423	-230.2542326	-24.08423258	Varney-2018	151.3457674
604602.68	5601641.72	72.02186128	54137.17	53943.7	53806.53	54037.67928	-231.1492773	-24.97927734	Varney-2018	150.4507227
604601.5	5601640.87	72.11525829	54137.14	53943.88	53806.74	54037.67094	-230.9309419	-24.76094195	Varney-2018	150.6690581
604600.65	5601640.14	72.17759402	54137.13	53943.32	53806.19	54037.66459	-231.4745932	-25.3045932	Varney-2018	150.1254068
604599.9	5601639.44	72.23026936	54137.12	53943.59	53806.47	54037.65883	-231.1888273	-25.01882734	Varney-2018	150.4111727
604599.39	5601638.87	72.26213132	54137.11	53943.57	53806.46	54037.65463	-231.1946318	-25.02463179	Varney-2018	150.4053682
604598.79	5601638.04	72.29289789	54137.09	53943.58	53806.49	54037.64923	-231.1592301	-24.98923008	Varney-2018	150.4407699
604598.51	5601637.36	72.29488407	54137.08	53943.55	53806.47	54037.64586	-231.1758552	-25.00585517	Varney-2018	150.4241448
604598.4	5601636.79	72.28285342	54137.07	53943.65	53806.58	54037.64365	-231.0636457	-24.89364569	Varney-2018	150.5363543
604598.23	5601636.46	72.28757788	54137.08	53943.63	53806.55	54037.64184	-231.091838	-24.92183802	Varney-2018	150.508162
604597.82	5601636.18	72.32080767	54137.09	53942.65	53805.56	54037.63898	-232.0789831	-25.90898314	Varney-2018	149.5210169
604597.82	5601636.92	72.35210286	54137.09	53943.5	53806.41	54037.64114	-231.2311424	-25.06114237	Varney-2018	150.3688576
604597.14	5601636.93	72.42726526	54137.1	53938.05	53800.95	54037.63779	-236.687792	-30.51779199	Varney-2018	144.912208
604596.61	5601636.84	72.48171628	54137.1	53933.81	53796.71	54037.6349	-240.9248952	-34.7548952	Varney-2018	140.6751048
604595.91	5601636.95	72.5633001	54137.11	53927.29	53790.18	54037.63174	-247.4517374	-41.28173737	Varney-2018	134.1482626
604596.39	5601637.02	72.51349955	54137.11	53933.98	53796.87	54037.63433	-240.7643273	-34.59432729	Varney-2018	140.8356727
604596.02	5601637.32	72.56683096	54137.12	53929.77	53792.65	54037.63336	-244.9833644	-38.81336438	Varney-2018	136.6166356
604596.52	5601638.81	72.57481915	54137.12	53934.75	53797.63	54037.6402	-240.0101988	-33.84019883	Varney-2018	141.5898012
604596.49	5601639.55	72.60937009	54137.11	53933.12	53796.01	54037.64221	-241.6322101	-35.46221006	Varney-2018	139.9677899
604595.33	5601640.52	72.77767102	54137.11	53947.23	53810.12	54037.63928	-227.519281	-21.34928105	Varney-2018	154.080719
604597.58	5601642.15	72.59961233	54137.11	53946.02	53808.91	54037.65521	-228.7452114	-22.57521138	Varney-2018	152.8547886
604598.2	5601642.93	72.56459548	54137.1	53946.1	53809	54037.66056	-228.6605649	-22.49056493	Varney-2018	152.9394351
604597.75	5601643.84	72.65242964	54137.08	53949.73	53812.65	54037.66099	-225.0109866	-18.84098664	Varney-2018	156.5890134
604597.36	5601643.94	72.69941451	54137.09	53942.17	53805.08	54037.65934	-232.5793431	-26.40934306	Varney-2018	149.0206569
604597.83	5601644.57	72.67453142	54137.1	53949.75	53812.65	54037.66351	-225.0135137	-18.84351368	Varney-2018	156.5864863
604597.07	5601645.3	72.78868221	54137.1	53949.53	53812.43	54037.66187	-225.2318733	-19.06187331	Varney-2018	156.3681267
604596.97	5601645.36	72.80217528	54137.09	53948.58	53811.49	54037.66155	-226.1715523	-20.00155233	Varney-2018	155.4284477
604597.81	5601647	72.77948921	54137.09	53952.18	53815.09	54037.6705	-222.5805049	-16.41050487	Varney-2018	159.0194951

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604597.1	5601647.35	72.87203208	54137.1	53949.05	53811.95	54037.66801	-225.7180053	-19.54800532	Varney-2018	155.8819947
604597.46	5601648.26	72.86687966	54137.09	53954.02	53816.93	54037.67256	-220.7425577	-14.5725577	Varney-2018	160.8574423
604597.8	5601648.11	72.82455155	54137.07	53942.92	53805.85	54037.67377	-231.823773	-25.65377305	Varney-2018	149.776227
604598.7	5601648.26	72.73167266	54137.06	53939.1	53802.04	54037.67869	-235.6386917	-29.46869169	Varney-2018	145.9613083
604599.92	5601648.51	72.6078242	54137.05	53945.77	53808.72	54037.68549	-228.9654932	-22.79549322	Varney-2018	152.6345068
604599.03	5601648.96	72.72089531	54137.05	53939.27	53802.22	54037.68248	-235.4624833	-29.29248333	Varney-2018	146.1375167
604598.11	5601649.14	72.82705133	54137.05	53932.76	53795.71	54037.6785	-241.9685045	-35.79850451	Varney-2018	139.6314955
604597.04	5601648.88	72.93402455	54137.05	53924.62	53787.57	54037.67242	-250.1024184	-43.93241838	Varney-2018	131.4975816
604597.85	5601649.26	72.85942918	54137.04	53925.85	53788.81	54037.6776	-248.8675963	-42.69759627	Varney-2018	132.7324037
604598.04	5601649.91	72.86175817	54137.04	53927.72	53790.68	54037.68055	-247.0005506	-40.83055064	Varney-2018	134.5994494
604596.36	5601649.17	73.01766683	54137.03	53925.62	53788.59	54037.66997	-249.0799742	-42.9099742	Varney-2018	132.5200258
604596.49	5601648.56	72.9828461	54137.01	53926.83	53789.82	54037.6687	-247.8487007	-41.6787007	Varney-2018	133.7512993
604596	5601648.83	73.04523353	54136.98	53920.6	53783.62	54037.66713	-254.0471299	-47.87712987	Varney-2018	127.5528701
604595.29	5601648.81	73.12166943	54136.97	53920.46	53783.49	54037.66356	-254.1735629	-48.00356289	Varney-2018	127.4264371
604595.72	5601649.09	73.08431936	54136.96	53924.24	53787.28	54037.66657	-250.3865682	-44.21656816	Varney-2018	131.2134318
604595.58	5601649.4	73.10980939	54136.93	53920.18	53783.25	54037.66686	-254.4168567	-48.24685671	Varney-2018	127.1831433
604595.64	5601649.08	73.09265662	54136.9	53919.67	53782.77	54037.66614	-254.8961423	-48.72614226	Varney-2018	126.7038577
604595.63	5601649.02	73.09174138	54136.9	53921.96	53785.06	54037.6659	-252.6059036	-46.43590361	Varney-2018	128.9940964
604593.92	5601649.55	73.29411095	54136.91	53915.17	53778.26	54037.65916	-259.3991635	-53.22916354	Varney-2018	122.2008365
604591.73	5601648.63	73.50285381	54136.91	53911.96	53775.05	54037.64541	-262.5954107	-56.42541068	Varney-2018	119.0045893
604591.85	5601649.18	73.50648585	54136.92	53912.13	53775.21	54037.64778	-262.4377827	-56.26778273	Varney-2018	119.1622173
604591.41	5601649.85	73.57423042	54136.94	53913.14	53776.2	54037.64779	-261.4477884	-55.27778841	Varney-2018	120.1522116
604591.44	5601649.56	73.56229532	54136.96	53907.7	53770.74	54037.647	-266.9069951	-60.73699511	Varney-2018	114.6930049
604592	5601649.7	73.50607255	54136.97	53910.52	53773.55	54037.6502	-264.1002025	-57.93020252	Varney-2018	117.4997975
604589.06	5601650.67	73.8505765	54136.99	53900.59	53763.6	54037.63894	-274.0389428	-67.86894276	Varney-2018	107.5610572
604587.89	5601651.29	73.99278444	54136.99	53899.07	53762.08	54037.63527	-275.5552715	-69.38527153	Varney-2018	106.0447285
604589.77	5601652.23	73.81926161	54136.99	53893.85	53756.86	54037.64753	-280.7875341	-74.61753406	Varney-2018	100.8124659
604589.59	5601652.73	73.85259485	54136.99	53885.28	53748.29	54037.6483	-289.3582999	-83.18829994	Varney-2018	92.24170006
604589.33	5601655.04	73.945485	54136.98	53879.89	53742.91	54037.65463	-294.7446336	-88.5746336	Varney-2018	86.8553664
604588.32	5601656.04	74.07773728	54136.97	53865.25	53728.28	54037.65309	-309.3730903	-103.2030903	Varney-2018	72.22690972
604587.19	5601656.83	74.21504825	54136.96	53854.1	53717.14	54037.65032	-320.5103179	-114.3403179	Varney-2018	61.08968209
604585.27	5601655.04	74.36641279	54136.95	53860.81	53723.86	54037.63513	-313.7751272	-107.6051272	Varney-2018	67.82487278
604582.04	5601653.74	74.67194398	54136.94	53859.62	53722.68	54037.61514	-314.9351353	-108.7651353	Varney-2018	66.66486472
604581.4	5601654.77	74.76168393	54136.94	53865.5	53728.56	54037.6156	-309.055601	-102.885601	Varney-2018	72.54439901
604580.85	5601656.03	74.84607993	54136.93	53861.93	53725	54037.61732	-312.6173225	-106.4473225	Varney-2018	68.98267749
604580.37	5601658.04	74.9381865	54136.91	53866.93	53730.02	54037.62201	-307.6020131	-101.4320131	Varney-2018	73.99798685
604579.56	5601660.47	75.07033036	54136.89	53863.36	53726.47	54037.62666	-311.1566605	-104.9866605	Varney-2018	70.44333947
604578.95	5601660.96	75.14081762	54136.87	53858.02	53721.15	54037.62552	-316.4755171	-110.3055171	Varney-2018	65.12448289
604577.58	5601661.08	75.27872731	54136.85	53859.49	53722.64	54037.61953	-314.9795292	-108.8095292	Varney-2018	66.6204708
604576.38	5601661.5	75.40500924	54136.83	53865.68	53728.85	54037.61541	-308.7654109	-102.5954109	Varney-2018	72.83458908
604574.95	5601661.23	75.5413815	54136.81	53869.82	53733.01	54037.60777	-304.597765	-98.42776502	Varney-2018	77.00223498
604573.34	5601660.88	75.69492809	54136.78	53877.94	53741.16	54037.59897	-296.4389706	-90.26897057	Varney-2018	85.16102943
604570.98	5601660.99	75.9302283	54136.75	53883.99	53747.24	54037.58833	-290.3483251	-84.17832505	Varney-2018	91.25167495
604568.52	5601661.23	76.17655118	54136.75	53871.92	53735.17	54037.57771	-302.4077069	-96.23770689	Varney-2018	79.19229311
604568.56	5601660.89	76.16854912	54136.74	53869.43	53732.69	54037.57663	-304.8866278	-98.71662778	Varney-2018	76.71337222
604567.79	5601663.01	76.2687854	54136.73	53867.9	53731.17	54037.58095	-306.4109515	-100.2409515	Varney-2018	75.18904849
604567.51	5601664.77	76.31555775	54136.71	53864.9	53728.19	54037.58625	-309.3962457	-103.2262457	Varney-2018	72.20375428
604565.59	5601664.43	76.49659293	54136.71	53865.18	53728.47	54037.57613	-309.1061257	-102.9361257	Varney-2018	72.49387433
604564.24	5601665.92	76.63919517	54136.7	53871.18	53734.48	54037.57559	-303.095589	-96.925589	Varney-2018	78.504411
604563.93	5601667.76	76.6838535	54136.7	53872.11	53735.41	54037.5812	-302.1712009	-96.00120087	Varney-2018	79.42879913
604562.27	5601668.67	76.84557645	54136.69	53866.74	53730.05	54037.57718	-307.5271771	-101.3571771	Varney-2018	74.07282293
604561.56	5601668.12	76.90802648	54136.69	53881.59	53744.9	54037.57184	-292.67184	-86.50184002	Varney-2018	88.92815998
604561.71	5601668.78	76.89831476	54136.68	53884.92	53748.24	54037.57507	-289.3350721	-83.16507209	Varney-2018	92.26492791
604559.3	5601667.83	77.11762997	54136.68	53880.47	53743.79	54037.56047	-293.7704657	-87.60046569	Varney-2018	87.82953431
604557.8	5601668.38	77.25984836	54136.68	53880.68	53744	54037.55583	-293.5558336	-87.38583363	Varney-2018	88.04416637
604557.19	5601669.42	77.31969721	54136.68	53879.29	53742.61	54037.55719	-294.9471944	-88.7771944	Varney-2018	86.6528056
604556.27	5601670.26	77.40646359	54136.69	53870.49	53733.8	54037.5564	-303.7563964	-97.58639635	Varney-2018	77.84360365
604553.17	5601671.24	77.69030365	54136.69	53866.11	53729.42	54037.54646	-308.1264579	-101.9564579	Varney-2018	73.47354213
604552.14	5601672.39	77.78266665	54136.7	53864.92	53728.22	54037.54654	-309.3265378	-103.1565378	Varney-2018	72.27346222
604551.53	5601672.78	77.8369356	54136.69	53856.94	53720.25	54037.54542	-317.2954207	-111.1254207	Varney-2018	64.30457933
604550.03	5601673.63	77.96908228	54136.67	53861.09	53724.42	54037.54227	-313.1222678	-106.9522678	Varney-2018	68.47773222
604548.98	5601675.08	78.05733431	54136.67	53860.41	53723.74	54037.54363	-313.8036277	-107.6336277	Varney-2018	67.79637235
604549.05	5601675.62	78.04928915	54136.68	53860.73	53724.05	54037.54617	-313.4961664	-107.3261664	Varney-2018	68.10383358
604547.98	5601676.56	78.13871361	54136.68	53875.74	53739.06	54037.54539	-298.4853938	-92.31539375	Varney-2018	83.11460625

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604547.74	5601676.42	78.16014895	54136.69	53870.33	53733.64	54037.54377	-303.9037665	-97.73376654	Varney-2018	77.69623346
604545.97	5601676.62	78.31254417	54136.69	53874.54	53737.85	54037.5369	-299.686896	-93.51689596	Varney-2018	81.91310404
604546.8	5601676.09	78.24346021	54136.68	53872.63	53735.95	54037.53829	-301.5882924	-95.4182924	Varney-2018	80.0117076
604546.41	5601677.11	78.27169021	54136.68	53870.33	53733.65	54037.54086	-303.8908631	-97.72086311	Varney-2018	77.70913689
604545.75	5601678.08	78.32266037	54136.68	53870.49	53733.81	54037.54207	-303.732074	-97.56207396	Varney-2018	77.86792604
604544.98	5601678.82	78.38348233	54136.68	53864.88	53728.2	54037.54187	-309.3418683	-103.1718683	Varney-2018	72.25813166
604544.46	5601678.93	78.42683083	54136.69	53862.76	53726.07	54037.54009	-311.4700946	-105.3000946	Varney-2018	70.12990537
604542.48	5601679.39	78.44810063	54136.69	53867.67	53730.98	54037.53732	-306.5573222	-100.3873222	Varney-2018	75.04267781
604542.91	5601679.61	78.47023697	54136.69	53863.31	53726.62	54037.53851	-310.9185068	-104.7485068	Varney-2018	70.68149324
604542.77	5601680.65	78.45463135	54136.69	53862.15	53725.46	54037.54283	-312.0828348	-105.9128348	Varney-2018	69.51716523
604541.54	5601681.01	78.38470952	54136.69	53858.24	53721.55	54037.54362	-315.9936182	-109.8236182	Varney-2018	65.60638181
604541.39	5601681.47	78.37332894	54136.69	53865.93	53729.24	54037.54547	-308.3054704	-102.1354704	Varney-2018	73.29452958
604542.14	5601682.96	78.40330862	54136.68	53863.05	53726.37	54037.55223	-311.1822347	-105.0122347	Varney-2018	70.41776526
604540.17	5601682.13	78.30273798	54136.68	53865.64	53728.96	54037.5475	-308.5875041	-102.4175041	Varney-2018	73.01249591
604538.73	5601683.78	78.21541656	54136.67	53862.92	53726.25	54037.55353	-311.3035293	-105.1335293	Varney-2018	70.29647068
604539.05	5601683.75	78.23266434	54136.67	53870.83	53734.16	54037.55361	-303.3936077	-97.2236077	Varney-2018	78.2063923
604539.58	5601687.23	78.23976277	54136.66	53861.98	53725.32	54037.56857	-312.2485666	-106.0785666	Varney-2018	69.35143336
604539.26	5601688.24	78.21720205	54136.66	53849.22	53712.56	54037.57259	-325.0125883	-118.8425883	Varney-2018	56.5874117
604538.98	5601688.67	78.20034309	54136.65	53836.96	53700.31	54037.5742	-337.2641977	-131.0941977	Varney-2018	44.33580231
604538.54	5601689.15	78.17517282	54136.65	53843.12	53706.47	54037.5759	-331.105901	-124.935901	Varney-2018	50.494099
604537.61	5601689.72	78.12491621	54136.64	53842.8	53706.16	54037.57763	-331.4176272	-125.2476272	Varney-2018	50.18237285
604536.96	5601689.84	78.09143912	54136.63	53857.38	53720.75	54037.57767	-316.8276652	-110.6576652	Varney-2018	64.77233478
604537.47	5601689.43	78.11931408	54136.62	53858.7	53722.08	54037.57632	-315.4963167	-109.3263167	Varney-2018	66.1036833
604538.17	5601689.89	78.15232996	54136.61	53856.98	53720.37	54037.57874	-317.2087367	-111.0387367	Varney-2018	64.39126331
604536.41	5601688.68	78.06899825	54136.6	53856.41	53719.81	54037.57244	-317.7624448	-111.5924448	Varney-2018	63.8375552
604536.16	5601689.41	78.05293831	54136.59	53856.25	53719.66	54037.57531	-317.9153066	-111.7453066	Varney-2018	63.68469343
604535.23	5601689.24	78.00643676	54136.58	53858.19	53721.61	54037.57394	-315.9639436	-109.7939436	Varney-2018	65.63605641
604534.89	5601690.57	77.9839457	54136.58	53864.34	53727.76	54037.57922	-309.8192151	-103.6492151	Varney-2018	71.78078492
604534.97	5601691.21	77.9854315	54136.57	53859.32	53722.75	54037.58193	-314.8319255	-108.6619255	Varney-2018	66.76807453
604534.98	5601691.89	77.98323832	54136.54	53856.22	53719.68	54037.58475	-317.9047513	-111.7347513	Varney-2018	63.69524869
604534.51	5601691.99	77.95955258	54136.5	53850.24	53713.74	54037.58482	-323.8448185	-117.6748185	Varney-2018	57.75518153
604534.78	5601692.54	77.97080512	54136.5	53850.11	53713.61	54037.5873	-323.9772964	-117.8072964	Varney-2018	57.62270364
604533.47	5601692.51	77.90632215	54136.51	53852.53	53716.02	54037.5862	-321.5661956	-115.3961956	Varney-2018	60.03380439
604532.48	5601692.71	77.85694257	54136.5	53863.31	53726.81	54037.58628	-310.7762805	-104.6062805	Varney-2018	70.82371949
604531.47	5601695.97	77.79961791	54136.49	53861.41	53724.92	54037.5989	-312.6788971	-106.5088971	Varney-2018	68.92110288
604531.06	5601696.48	77.77896209	54136.48	53858.38	53721.9	54037.60066	-315.7006635	-109.5306635	Varney-2018	65.89933655
604530.66	5601697.52	77.75793313	54136.46	53848.23	53711.77	54037.6046	-325.8346014	-119.6646014	Varney-2018	55.76539865
604529.85	5601698.87	77.71772732	54136.46	53837.76	53701.3	54037.60946	-336.3094584	-130.1394584	Varney-2018	45.29054164
604529.16	5601698.45	77.68626431	54136.47	53827.54	53691.07	54037.60718	-346.5371793	-140.3671793	Varney-2018	35.06282069
604528.15	5601697.65	77.63987416	54136.47	53823.75	53687.28	54037.6031	-350.3231039	-144.1531039	Varney-2018	31.27689605
604527.01	5601697.32	77.58645912	54136.46	53828.72	53692.26	54037.60085	-345.3408467	-139.1708467	Varney-2018	36.25915329
604525.26	5601697.69	77.50425667	54136.45	53814.75	53678.3	54037.60093	-359.3009284	-153.1309284	Varney-2018	22.29907162
604525.17	5601697.78	77.50008647	54136.44	53814.05	53677.61	54037.60122	-359.9912178	-153.8212178	Varney-2018	21.60878223
604524.9	5601700.91	77.48963633	54136.45	53820.61	53684.16	54037.61359	-353.4535853	-147.2835853	Varney-2018	28.14641471
604522.71	5601700.11	77.38878004	54136.46	53816.67	53680.21	54037.60853	-357.3985316	-151.2285316	Varney-2018	24.20146842
604521.89	5601701.14	77.35338796	54136.46	53825.59	53689.13	54037.61195	-348.4819476	-142.3119476	Varney-2018	33.11805243
604521.52	5601705.5	77.34651121	54136.45	53824.61	53688.16	54037.62898	-349.4689839	-143.2989839	Varney-2018	32.13101609
604520.26	5601705.46	77.29183698	54136.45	53830.32	53693.87	54037.62769	-343.7576852	-137.5876852	Varney-2018	37.84231482
604519.23	5601707.04	77.25247575	54136.44	53836.15	53699.71	54037.633	-337.9229971	-131.7529971	Varney-2018	43.6770029
604518.08	5601704.67	77.19434922	54136.45	53841.12	53704.67	54037.6226	-332.952603	-126.782603	Varney-2018	48.64739697
604516.4	5601705	77.12248758	54136.47	53835.98	53699.51	54037.62239	-338.1123925	-131.9423925	Varney-2018	43.48760751
604516.6	5601705.03	77.13133054	54136.47	53842.43	53705.96	54037.62269	-331.6626898	-125.4926898	Varney-2018	49.93731018
604519.11	5601705.62	77.24256012	54136.46	53850.32	53713.86	54037.62728	-323.7672771	-117.5972771	Varney-2018	57.83272286
604518.12	5601707.08	77.20535546	54136.47	53847.4	53710.93	54037.63213	-326.7021292	-120.5321292	Varney-2018	54.89787079
604517.98	5601710.23	77.21170138	54136.49	53848.55	53712.06	54037.6444	-325.5843988	-119.4143988	Varney-2018	56.01560116
604516.99	5601710.8	77.17348723	54136.49	53841.9	53705.41	54037.64568	-332.2356822	-126.0656822	Varney-2018	49.36431778
604516.15	5601710.56	77.13803293	54136.5	53842.27	53705.77	54037.64393	-331.8739282	-125.7039282	Varney-2018	49.72607184
604516.97	5601709.83	77.16842753	54136.51	53847.39	53710.88	54037.64186	-326.7618567	-120.5918567	Varney-2018	54.83814326
604518.1	5601709.1	77.21228323	54136.53	53844.82	53708.29	54037.64006	-329.3500648	-123.1800648	Varney-2018	52.24993518
604517.11	5601710.06	77.17520038	54136.54	53836.7	53700.16	54037.64289	-337.4828937	-131.3128937	Varney-2018	44.11710627
604516.3	5601709.93	77.14122611	54136.55	53830.73	53694.18	54037.64161	-343.4616064	-137.2916064	Varney-2018	38.1383936
604516.44	5601712.18	77.1573945	54136.56	53823.56	53687	54037.65055	-350.6505546	-144.4805546	Varney-2018	30.9494454
604513.48	5601711.71	77.03555558	54136.58	53816.76	53680.18	54037.64581	-357.4658093	-151.2958093	Varney-2018	24.13419065
604512.21	5601711.3	76.98151526	54136.59	53821.89	53685.3	54037.64298	-352.3429785	-146.1729785	Varney-2018	29.25702148

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604511.88	5601711.81	76.97154313	54136.6	53826.55	53689.95	54037.64463	-347.6946257	-141.5246257	Varney-2018	33.90537433
604511.18	5601713.66	76.95632367	54136.6	53821.45	53684.85	54037.65107	-352.8010655	-146.6310655	Varney-2018	28.79893446
604509.38	5601715.09	76.89645345	54136.61	53817.11	53680.5	54037.65473	-357.1547342	-150.9847342	Varney-2018	24.4452658
604509.95	5601716.13	76.92653314	54136.62	53824.33	53687.71	54037.65931	-349.9493082	-143.7793082	Varney-2018	31.65069179
604508.49	5601717.76	76.88401878	54136.64	53820	53683.36	54037.66402	-354.3040226	-148.1340226	Varney-2018	27.29597738
604508.5	5601718.67	76.89194171	54136.64	53823.1	53686.46	54037.66751	-351.2075092	-145.0375092	Varney-2018	30.3924908
604508.08	5601720.19	76.88921512	54136.64	53824.07	53687.43	54037.67286	-350.2428595	-144.0728595	Varney-2018	31.3571405
604505.52	5601720.79	76.80156632	54136.64	53830.26	53693.62	54037.67235	-344.0523512	-137.8823512	Varney-2018	37.54764878
604506.2	5601722.71	76.84416655	54136.63	53832.37	53695.74	54037.68037	-341.940374	-135.770374	Varney-2018	39.659626
604508.3	5601724.91	76.96931426	54136.64	53831.26	53694.62	54037.69025	-343.0702541	-136.9002541	Varney-2018	38.52974589
604508.71	5601726.14	77.02421714	54136.65	53826.96	53690.31	54037.69461	-347.3846084	-141.2146084	Varney-2018	34.21539156
604508.01	5601727.1	77.03209208	54136.65	53822.22	53685.57	54037.69684	-352.1268401	-145.9568401	Varney-2018	29.47315992
604507.68	5601727.5	77.03415804	54136.66	53827.92	53691.26	54037.69772	-346.4377234	-140.2677234	Varney-2018	35.16227655
604506.18	5601728.97	77.03257996	54136.65	53825.87	53689.22	54037.70062	-348.4806232	-142.3106232	Varney-2018	33.11937683
604505.22	5601728.29	76.97717648	54136.64	53828.3	53691.66	54037.69737	-346.0373744	-139.8673744	Varney-2018	35.56262556
604505.52	5601729.54	77.02960477	54136.62	53826.74	53690.12	54037.70165	-347.5816493	-141.4116493	Varney-2018	34.01835069
604504.56	5601730.32	77.0239105	54136.6	53828	53691.4	54037.70298	-346.3029798	-140.1329798	Varney-2018	35.29702019
604502.57	5601729.63	76.93363936	54136.6	53824.04	53687.44	54037.6985	-350.2585004	-144.0885004	Varney-2018	31.3414996
604500.76	5601729.25	76.85963264	54136.6	53828.62	53692.02	54037.69521	-345.6752115	-139.5052115	Varney-2018	35.92478853
604500.26	5601729.95	76.86731215	54136.6	53826.44	53689.84	54037.69681	-347.8568087	-141.6868087	Varney-2018	33.7431913
604498.92	5601730.39	76.83797144	54136.6	53823.62	53687.02	54037.69661	-350.6766126	-144.5066126	Varney-2018	30.92338739
604499.06	5601731.37	76.87721732	54136.6	53831.4	53694.8	54037.69982	-342.8998179	-136.7298179	Varney-2018	38.70018212
604497.64	5601731.18	76.82335436	54136.6	53841.68	53705.08	54037.69756	-332.617563	-126.447563	Varney-2018	48.98243697
604496.26	5601731.2	76.77824066	54136.6	53846.24	53709.64	54037.69601	-328.0560066	-121.8860066	Varney-2018	53.54399344
604493.93	5601731.07	76.69613145	54136.6	53833.02	53696.42	54037.69287	-341.2728746	-135.1028746	Varney-2018	40.32712542
604491.91	5601731.23	76.63489704	54136.58	53836.81	53700.23	54037.691	-337.460997	-131.290997	Varney-2018	44.13900303
604490.5	5601730.99	76.57915341	54136.56	53830.08	53693.52	54037.68861	-344.1686106	-137.9986106	Varney-2018	37.43138944
604488.55	5601731.68	76.54028913	54136.54	53827.96	53691.42	54037.68842	-346.2684243	-140.0984243	Varney-2018	35.33157573
604487.09	5601731.72	76.49348491	54136.52	53826.71	53690.19	54037.68683	-347.4968291	-141.3268291	Varney-2018	34.10317087
604484.74	5601731.14	76.39338494	54136.52	53831.6	53695.08	54037.68232	-342.6023155	-136.4323155	Varney-2018	38.99768453
604483.65	5601730.65	76.33818016	54136.51	53841.04	53704.53	54037.67956	-333.149562	-126.979562	Varney-2018	48.45043799
604482.59	5601730.61	76.30128865	54136.51	53853.55	53717.04	54037.6782	-320.6382022	-114.4682022	Varney-2018	60.96179781
604480.72	5601730.54	76.23618199	54136.52	53872.08	53735.56	54037.67581	-302.1158062	-95.9458062	Varney-2018	79.4841938
604479.3	5601730.77	76.19795808	54136.52	53887.48	53750.96	54037.67483	-286.7148331	-80.54483311	Varney-2018	94.88516689
604478.02	5601731.07	76.16733997	54136.52	53891.09	53754.57	54037.67423	-283.1042285	-76.93422854	Varney-2018	98.49577146
604476.79	5601731.24	76.13331295	54136.48	53885.78	53749.3	54037.67329	-288.3732919	-82.20329193	Varney-2018	93.22670807
604475.23	5601732.43	76.12992071	54136.43	53865.29	53728.86	54037.67499	-308.8149854	-102.6449854	Varney-2018	72.78501463
604474.91	5601733.85	76.17723689	54136.41	53855.57	53719.16	54037.67881	-318.5188093	-112.3488093	Varney-2018	63.08119071
604474.83	5601735.41	76.23821375	54136.39	53860.07	53723.68	54037.68333	-314.0033292	-107.8333292	Varney-2018	67.59667075
604473.65	5601735.84	76.21779525	54136.38	53841.92	53705.54	54037.68318	-332.1431846	-125.9731846	Varney-2018	49.45681539
604473.13	5601734.24	76.13524225	54136.36	53825.11	53688.75	54037.67784	-348.9278432	-142.7578432	Varney-2018	32.67215677
604472.73	5601733.54	76.09337004	54136.36	53817.15	53680.79	54037.6753	-356.8853048	-150.7153048	Varney-2018	24.71469521
604471.7	5601734	76.07878762	54136.36	53823.23	53686.87	54037.67543	-350.8054346	-144.6354346	Varney-2018	30.79456542
604470.3	5601735.84	76.11006932	54136.38	53825.18	53688.8	54037.67916	-348.8791625	-142.7091625	Varney-2018	32.72083748
604468.37	5601737.69	76.12611658	54136.41	53819.22	53682.81	54037.68225	-354.8722465	-148.7022465	Varney-2018	26.72775347
604467.6	5601738.96	76.15552099	54136.4	53815.7	53679.3	54037.68502	-358.3850155	-152.2150155	Varney-2018	23.21498452
604465.82	5601740.65	75.92953932	54136.39	53808.08	53671.69	54037.69418	-366.0041828	-159.8341828	Varney-2018	15.59581721
604464.91	5601741.06	75.79597188	54136.4	53811.55	53675.15	54037.69751	-362.547514	-156.377514	Varney-2018	19.05248601
604463.76	5601739.99	75.55432858	54136.41	53815.1	53678.69	54037.69724	-359.0072408	-152.8372408	Varney-2018	22.59275915
604461.94	5601740.52	75.27445216	54136.41	53827.48	53691.07	54037.70307	-346.6330698	-140.4630698	Varney-2018	34.96693024
604461.9	5601742.28	75.35337966	54136.4	53832.01	53695.61	54037.708	-342.0980036	-135.9280036	Varney-2018	39.50199645
604462.76	5601744.09	75.58198764	54136.4	53835	53698.6	54037.71102	-339.1110164	-132.9410164	Varney-2018	42.4889836
604462.53	5601745.51	75.6124973	54136.4	53834.04	53697.64	54037.71547	-340.0754711	-133.9054711	Varney-2018	41.52452894
604462.35	5601745.15	75.56602361	54136.4	53838.43	53702.03	54037.71488	-335.6848801	-129.5148801	Varney-2018	45.91511991
604460.07	5601746.08	75.24315323	54136.4	53838.33	53701.93	54037.72252	-335.7925209	-129.6225209	Varney-2018	45.80747911
604456.56	5601746.72	74.71204283	54136.4	53837.89	53701.49	54037.73199	-336.241989	-130.071989	Varney-2018	45.35801097
604456.52	5601746.52	74.6947108	54136.41	53835.86	53699.45	54037.73156	-338.2815588	-132.1115588	Varney-2018	43.31844123
604457.36	5601747.13	74.86247055	54136.42	53837.54	53701.12	54037.7313	-336.6112972	-130.4412972	Varney-2018	44.98870278
604456.44	5601746.7	74.69168408	54136.43	53836.89	53700.46	54037.7322	-337.2722019	-131.1022019	Varney-2018	44.32779806
604456.34	5601746.44	74.66139251	54136.42	53835.4	53698.98	54037.73175	-338.7517499	-132.5817499	Varney-2018	42.84825009
604456.47	5601746.61	74.69158679	54136.4	53837.58	53701.18	54037.7319	-336.5519026	-130.3819026	Varney-2018	45.04809745
604456.23	5601746.46	74.6447956	54136.4	53838.53	53702.13	54037.73205	-335.6020451	-129.4320451	Varney-2018	45.99795486
604455.43	5601747.57	74.57800537	54136.4	53838.6	53702.2	54037.73666	-335.5366584	-129.3666584	Varney-2018	46.06334164
604454.71	5601748.36	74.50774391	54136.4	53837.85	53701.45	54037.74024	-336.2902353	-130.1202353	Varney-2018	45.30976475

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604454.75	5601748.32	74.51183428	54136.4	53837.99	53701.59	54037.74005	-336.1500473	-129.9800473	Varney-2018	45.44995271
604454.83	5601748.31	74.52397382	54136.4	53838.04	53701.64	54037.73985	-336.0998491	-129.9298491	Varney-2018	45.50015089
604454.56	5601748.03	74.46522021	54136.4	53838.39	53701.99	54037.73972	-335.7497223	-129.5797223	Varney-2018	45.8502777
604454.89	5601748.08	74.52054438	54136.41	53838.33	53701.92	54037.73913	-335.8191342	-129.6491342	Varney-2018	45.78086583
604454.61	5601747.99	74.47091004	54136.42	53837.88	53701.46	54037.73951	-336.2795124	-130.1095124	Varney-2018	45.32048757
604454.8	5601747.89	74.49550614	54136.42	53838.09	53701.67	54037.73885	-336.0688461	-129.8988461	Varney-2018	45.53115391
604455	5601747.75	74.51948899	54136.42	53837.92	53701.5	54037.73805	-336.238055	-130.068055	Varney-2018	45.36194504
604455.08	5601747.59	74.52326183	54136.43	53837.87	53701.44	54037.73747	-336.2974728	-130.1274728	Varney-2018	45.30252721
604455.1	5601747.54	74.52364835	54136.44	53837.74	53701.3	54037.7373	-336.4373016	-130.2673016	Varney-2018	45.16269838
604455.13	5601747.38	74.51946588	54136.44	53837.77	53701.33	54037.73683	-336.4068278	-130.2368278	Varney-2018	45.19317216
604455.2	5601747.12	74.51609418	54136.44	53837.35	53700.91	54037.73601	-336.8260107	-130.6560107	Varney-2018	44.77398928
604454.81	5601746.86	74.43898009	54136.45	53836.46	53700.01	54037.73621	-337.7262054	-131.5562054	Varney-2018	43.87379461
604454.81	5601747.15	74.45534361	54136.47	53837.34	53700.87	54037.73694	-336.8669428	-130.6969428	Varney-2018	44.73305723
604454.36	5601747.34	74.39412312	54136.48	53838.02	53701.54	54037.73841	-336.1984104	-130.0284104	Varney-2018	45.40158957
604454.52	5601746.72	74.38452097	54136.49	53837.88	53701.39	54037.73649	-336.3464891	-130.1764891	Varney-2018	45.25351087
604454.57	5601746.82	74.39821739	54136.51	53837.84	53701.33	54037.73663	-336.4066324	-130.2366324	Varney-2018	45.19336759
604454.73	5601746.96	74.43179975	54136.53	53837.77	53701.24	54037.73664	-336.4966356	-130.3266356	Varney-2018	45.10336442
604454.27	5601746.97	74.35863807	54136.54	53836.97	53700.43	54037.73767	-337.3076724	-131.1376724	Varney-2018	44.29232764
604454.62	5601747.02	74.41756628	54136.56	53838.15	53701.59	54037.73703	-336.1470297	-129.9770297	Varney-2018	45.45297031
604454.9	5601747.15	74.46975065	54136.56	53837.95	53701.39	54037.73675	-336.3467454	-130.1767454	Varney-2018	45.25325464
604455.53	5601747.06	74.56559269	54136.56	53837.18	53700.62	54037.73513	-337.1151328	-130.9451328	Varney-2018	44.48486722
604456.01	5601746.99	74.63861996	54136.56	53836.84	53700.28	54037.7339	-337.4538983	-131.2838983	Varney-2018	44.14610175
604456.25	5601747.07	74.68146857	54136.56	53837.93	53701.37	54037.73358	-336.3635775	-130.1935775	Varney-2018	45.23642252
604456.3	5601747.07	74.68947687	54136.56	53837.53	53700.97	54037.73347	-336.7634677	-130.5934677	Varney-2018	44.83653231
604456.58	5601746.93	74.72669554	54136.57	53837.72	53701.15	54037.73249	-336.5824897	-130.4124897	Varney-2018	45.0175103
604456.83	5601746.73	74.75593341	54136.54	53837.17	53700.63	54037.73142	-337.1014194	-130.9314194	Varney-2018	44.49858056
604456.71	5601746.84	74.74264633	54136.5	53837.03	53700.53	54037.73197	-337.2019699	-131.0319699	Varney-2018	44.3980301
604456.46	5601746.99	74.71073415	54136.48	53835.66	53699.18	54037.73291	-338.5529091	-132.3829091	Varney-2018	43.04709088
604456.86	5601747.29	74.79108882	54136.46	53835.27	53698.81	54037.73281	-338.9228106	-132.7528106	Varney-2018	42.6771894
604456.88	5601747.32	74.79591197	54136.43	53836.3	53699.87	54037.73284	-337.8628449	-131.6928449	Varney-2018	43.7371551
604456.83	5601747.27	74.78520687	54136.39	53839.19	53702.8	54037.73282	-334.9328242	-128.7628242	Varney-2018	46.66717575
604456.65	5601747.07	74.74553497	54136.39	53838.37	53701.98	54037.7327	-335.7526992	-129.5826992	Varney-2018	45.84730082
604456.39	5601747.6	74.73287898	54136.4	53841.41	53705.01	54037.73464	-332.7246421	-126.5546421	Varney-2018	48.87535792
604456.59	5601747.58	74.76370644	54136.4	53842.02	53705.62	54037.73415	-332.1141541	-125.9441541	Varney-2018	49.48584588
604457.93	5601747.23	74.95902801	54136.39	53843.74	53707.35	54037.73031	-330.38031	-124.21031	Varney-2018	51.21969001
604459.93	5601746.96	75.26529039	54136.39	53842.56	53706.17	54037.7252	-331.555201	-125.385201	Varney-2018	50.04479896
604460.52	5601747.2	75.3718985	54136.38	53842.26	53705.88	54037.72455	-331.8445538	-125.6745538	Varney-2018	49.75544621
604461.53	5601747.24	75.5354843	54136.38	53842.97	53706.59	54037.72245	-331.1324494	-124.9624494	Varney-2018	50.46755057
604461.78	5601747.62	75.59401567	54136.38	53843.35	53706.97	54037.72295	-330.752945	-124.582945	Varney-2018	50.84705496
604461.77	5601747.6	75.59144422	54136.36	53843.34	53706.98	54037.72291	-330.7429119	-124.5729119	Varney-2018	50.85708807
604461.95	5601747.54	75.61725383	54136.33	53843.34	53707.01	54037.72235	-330.7123544	-124.5423544	Varney-2018	50.88764556
604461.76	5601746.63	75.54251027	54136.32	53843.33	53707.01	54037.72027	-330.7102711	-124.5402711	Varney-2018	50.88972889
604461.38	5601745.81	75.44110419	54136.31	53843.32	53707.01	54037.71887	-330.7088686	-124.5388686	Varney-2018	50.89113144
604460.96	5601745.2	75.34294933	54136.3	53843.18	53706.88	54037.71815	-330.8381459	-124.6681459	Varney-2018	50.76185405
604460.58	5601744.91	75.26677876	54136.28	53843.08	53706.8	54037.71821	-330.9182149	-124.7482149	Varney-2018	50.68178507
604460.46	5601745.06	75.25480874	54136.27	53843.32	53707.05	54037.71889	-330.668892	-124.498892	Varney-2018	50.93110797
604460.38	5601745.16	75.24685067	54136.26	53843.48	53707.22	54037.71934	-330.4993429	-124.3293429	Varney-2018	51.10065715
604460.25	5601745.94	75.26511439	54136.26	53843.72	53707.46	54037.72174	-330.2617423	-124.0917423	Varney-2018	51.33825767
604459.41	5601746.53	75.15984793	54136.26	53840.15	53703.89	54037.72519	-333.8351936	-127.6651936	Varney-2018	47.76480643
604458.1	5601746.65	74.95559253	54136.26	53849.93	53713.67	54037.72841	-324.0584072	-117.8884072	Varney-2018	57.5415928
604458.05	5601746.75	74.95284838	54136.26	53844.95	53708.69	54037.72878	-329.0387813	-122.8687813	Varney-2018	52.5612187
604457.11	5601746.75	74.80196238	54136.27	53828.94	53692.67	54037.73085	-345.0608541	-138.8908541	Varney-2018	36.53914594
604456.05	5601746.75	74.63181434	54136.29	53826.94	53690.65	54037.73319	-347.0831914	-140.9131914	Varney-2018	34.51680858
604456.31	5601747.23	74.69984342	54136.3	53825.17	53688.87	54037.73386	-348.8638596	-142.6938596	Varney-2018	32.73614045
604456.02	5601747.22	74.65289519	54136.32	53827.23	53690.91	54037.73447	-346.8244692	-140.6544692	Varney-2018	34.77553081
604456.04	5601747.19	74.65444292	54136.34	53827.09	53690.75	54037.73435	-346.984348	-140.814348	Varney-2018	34.61565199
604456.75	5601747.16	74.76643838	54136.36	53827.13	53690.77	54037.73271	-346.9627135	-140.7927135	Varney-2018	34.63728647
604458.15	5601747.44	75.00530596	54136.37	53827.23	53690.86	54037.73038	-346.8703823	-140.7003823	Varney-2018	34.72961767
604459.33	5601747.55	75.19948437	54136.39	53827.42	53691.03	54037.7281	-346.6980982	-140.5280982	Varney-2018	34.90190178
604459.81	5601747.74	75.28579014	54136.38	53827.41	53691.03	54037.72756	-346.6975617	-140.5275617	Varney-2018	34.90243828
604459.86	5601747.84	75.29885033	54136.36	53827.39	53691.03	54037.72772	-346.6977219	-140.5277219	Varney-2018	34.90227812
604459.87	5601747.88	75.30247856	54136.36	53827.42	53691.06	54037.72781	-346.6678077	-140.4978077	Varney-2018	34.93219226
604459.89	5601747.91	75.30718971	54136.36	53828.05	53691.69	54037.72785	-346.037845	-139.867845	Varney-2018	35.56215499
604460.31	5601747.59	75.35794675	54136.37	53827.88	53691.51	54037.72607	-346.2160682	-140.0460682	Varney-2018	35.38393182

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604460.11	5601747.88	75.34070515	54136.39	53828.18	53691.79	54037.72729	-345.9372864	-139.7672864	Varney-2018	35.66271358
604459.85	5601747.93	75.30183788	54136.39	53830.27	53693.88	54037.72799	-343.8479857	-137.6779857	Varney-2018	37.75201435
604459.42	5601748.01	75.23748167	54136.4	53830.18	53693.78	54037.72913	-343.9491332	-137.7791332	Varney-2018	37.65086679
604458.49	5601748.47	75.11358527	54136.4	53830.17	53693.77	54037.73237	-343.9623687	-137.7923687	Varney-2018	37.63763127
604458.02	5601748.61	75.0464357	54136.4	53830.2	53693.8	54037.73375	-343.9337506	-137.7637506	Varney-2018	37.66624937
604457.89	5601748.73	75.03219941	54136.39	53830.19	53693.8	54037.73435	-343.9343461	-137.7643461	Varney-2018	37.66565387
604457.72	5601748.9	75.0143305	54136.38	53830.24	53693.86	54037.73516	-343.8751579	-137.7051579	Varney-2018	37.72484215
604457.08	5601749.11	74.92443554	54136.39	53830.32	53693.93	54037.73708	-343.8070769	-137.6370769	Varney-2018	37.79292311
604456.55	5601748.86	74.82710427	54136.41	53830.41	53694	54037.73756	-343.7375608	-137.5675608	Varney-2018	37.86243917
604456.3	5601748.7	74.77878701	54136.4	53830.49	53694.09	54037.73768	-343.647683	-137.477683	Varney-2018	37.95231703
604456.09	5601748.67	74.74387698	54136.39	53830.73	53694.34	54037.73806	-343.3980567	-137.2280567	Varney-2018	38.20194328
604455.88	5601748.84	74.72000357	54136.39	53830.56	53694.17	54037.73895	-343.5689456	-137.3989456	Varney-2018	38.0310544
604455.81	5601749	74.7177805	54136.39	53830.28	53693.89	54037.73951	-343.8495072	-137.6795072	Varney-2018	37.75049282
604455.81	5601749.11	74.72386669	54136.4	53831.54	53695.14	54037.73979	-342.5997901	-136.4297901	Varney-2018	39.00020992
604455.79	5601749.45	74.73952744	54136.41	53831.52	53695.11	54037.74071	-342.630707	-136.460707	Varney-2018	38.96929298
604455.64	5601749.84	74.73754519	54136.41	53831.39	53694.98	54037.74203	-342.7620271	-136.5920271	Varney-2018	38.83797293
604455.46	5601750.21	74.72987603	54136.4	53831.28	53694.88	54037.74336	-342.8633556	-136.6933556	Varney-2018	38.73664442
604455.34	5601750.51	74.72782281	54136.4	53830.81	53694.41	54037.74438	-343.3343755	-137.1643755	Varney-2018	38.26562446
604455.39	5601750.47	74.73341085	54136.39	53832.57	53696.18	54037.74417	-341.5641684	-135.3941684	Varney-2018	40.03583162
604455.09	5601750.37	74.68086805	54136.38	53831.62	53695.24	54037.74454	-342.5045423	-136.3345423	Varney-2018	39.09545767
604454.97	5601750.39	74.66320753	54136.36	53818.84	53682.48	54037.74485	-355.2648452	-149.0948452	Varney-2018	26.33515476
604454.92	5601750.34	74.65256606	54136.35	53819.88	53683.53	54037.74482	-354.2148229	-148.0448229	Varney-2018	27.3851771
604454.1	5601751.43	74.5865245	54136.34	53871.33	53734.99	54037.74929	-302.7592944	-96.58929438	Varney-2018	78.84070562
604453.24	5601753.08	74.54883929	54136.32	53881.87	53745.55	54037.75519	-292.2051936	-86.03519364	Varney-2018	89.39480636
604453.46	5601754.12	74.64284852	54136.3	53894.54	53758.24	54037.75735	-279.5173526	-73.34735259	Varney-2018	102.0826474
604453.77	5601754.88	74.73385335	54136.3	53817.55	53681.25	54037.75864	-356.5086449	-150.3386449	Varney-2018	25.09135505
604453.8	5601756.06	74.80629127	54136.3	53804.36	53668.06	54037.76155	-369.7015516	-163.5315516	Varney-2018	11.89844843
604453.79	5601756.93	74.85485223	54136.3	53792.89	53656.59	54037.76376	-381.1737572	-175.0037572	Varney-2018	0.42624278
604453.65	5601757.67	74.87664003	54136.3	53851.89	53715.59	54037.76588	-322.175881	-116.005881	Varney-2018	59.42411895
604453.59	5601758.17	74.89660983	54136.29	53847.09	53710.8	54037.76725	-326.9672479	-120.7972479	Varney-2018	54.63275213
604453.67	5601757.76	74.88480167	54136.27	53840.7	53704.43	54037.76607	-333.3360692	-127.1660692	Varney-2018	48.26393084
604453.65	5601757.59	74.87202415	54136.25	53835.15	53698.9	54037.76568	-338.8656803	-132.6956803	Varney-2018	42.73431967
604453.48	5601757.41	74.83633843	54136.23	53837.03	53700.8	54037.76555	-336.9655508	-130.7955508	Varney-2018	44.63444915
604453.42	5601756.52	74.7758329	54136.23	53837.92	53701.69	54037.76344	-336.0734376	-129.9034376	Varney-2018	45.52656244
604453.21	5601755.62	74.69201197	54136.23	53845.68	53709.45	54037.76159	-328.3115944	-122.1415944	Varney-2018	53.2884056
604453.12	5601755.03	74.64405606	54136.23	53842.6	53706.37	54037.7603	-331.3902985	-125.2202985	Varney-2018	50.20970154
604452.95	5601754.67	74.59726437	54136.23	53838.73	53702.5	54037.75974	-335.2597365	-129.0897365	Varney-2018	46.34026353
604452.84	5601754.45	74.56767404	54136.22	53840.18	53703.96	54037.75941	-333.7994069	-127.6294069	Varney-2018	47.8005931
604452.94	5601754.37	74.57820291	54136.21	53829.44	53693.23	54037.75901	-344.5290097	-138.3590097	Varney-2018	37.07099026
604452.95	5601754.3	74.57563186	54136.22	53845.23	53709.01	54037.75882	-328.7488157	-122.5788157	Varney-2018	52.85118429
604452.55	5601754.51	74.52710788	54136.23	53844.74	53708.51	54037.76013	-329.25013	-123.08013	Varney-2018	52.34987001
604450.33	5601755.31	74.2387296	54136.23	53846.97	53710.74	54037.76645	-327.0264537	-120.8564537	Varney-2018	54.57354633
604449.17	5601755.7	74.08784104	54136.23	53844.22	53707.99	54037.76965	-329.7796502	-123.6096502	Varney-2018	51.82034983
604449.14	5601755.53	74.07267031	54136.24	53857.24	53721	54037.7693	-316.7693043	-110.5993043	Varney-2018	64.8306957
604449.2	5601755.55	74.08297505	54136.25	53906.23	53769.98	54037.76923	-267.7892349	-61.61923492	Varney-2018	113.8107651
604448.95	5601755.31	74.03017411	54136.24	53850.87	53714.63	54037.76915	-323.1391528	-116.9691528	Varney-2018	58.46084716
604449.19	5601755.15	74.0564301	54136.22	53855.61	53719.39	54037.7683	-318.3783028	-112.2083028	Varney-2018	63.22169724
604449.11	5601754.94	74.0311634	54136.22	53888.13	53751.91	54037.76796	-285.8579605	-79.68796048	Varney-2018	95.74203952
604449.22	5601754.61	74.02718794	54136.21	53886.64	53750.43	54037.76696	-287.3369587	-81.16695875	Varney-2018	94.26304125
604449.12	5601754.34	73.99507819	54136.21	53829.72	53693.51	54037.76651	-344.2565146	-138.0865146	Varney-2018	37.34348544
604449.26	5601753.82	73.98387768	54136.22	53836.07	53699.85	54037.765	-337.9149986	-131.7449986	Varney-2018	43.68500142
604449.2	5601753.85	73.97658938	54136.22	53841.6	53705.38	54037.76519	-332.3851899	-126.2151899	Varney-2018	49.21481008
604448.98	5601754.03	73.95429687	54136.21	53853.91	53717.7	54037.76606	-320.0660567	-113.8960567	Varney-2018	61.53394329
604448.77	5601754.19	73.93235354	54136.23	53792.72	53656.49	54037.76685	-381.276854	-175.106854	Varney-2018	0.323146016
604448.46	5601754.27	73.89019459	54136.25	53824.17	53687.92	54037.76766	-349.8476591	-143.6776591	Varney-2018	31.75234095
604448.46	5601754.72	73.91872078	54136.26	53845.9	53709.64	54037.76872	-328.1287201	-121.9587201	Varney-2018	53.4712799
604448.38	5601754.74	73.90784842	54136.27	53843.56	53707.29	54037.76893	-330.4789251	-124.3089251	Varney-2018	51.12107494
604448.48	5601754.71	73.92112257	54136.28	53842.53	53706.25	54037.76866	-331.5186571	-125.3486571	Varney-2018	50.08134295
604448.49	5601754.75	73.92517477	54136.29	53843.71	53707.42	54037.76873	-330.3487317	-124.1787317	Varney-2018	51.25126833
604448.57	5601754.71	73.93478325	54136.3	53843.89	53707.59	54037.76848	-330.1784794	-124.0084794	Varney-2018	51.42152055
604448.58	5601754.74	73.9381989	54136.31	53844.01	53707.7	54037.76853	-330.0685306	-123.8985306	Varney-2018	51.53146945
604448.58	5601754.77	73.9400967	54136.33	53843.77	53707.44	54037.7686	-330.3286014	-124.1586014	Varney-2018	51.27139861
604448.56	5601754.86	73.94275768	54136.35	53843.85	53707.5	54037.76885	-330.2688533	-124.0988533	Varney-2018	51.3311467
604448.52	5601754.86	73.93669285	54136.36	53843.85	53707.49	54037.76893	-330.2789321	-124.1089321	Varney-2018	51.32106794

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604447.78	5601754.75	73.81743834	54136.38	53843.82	53707.44	54037.77013	-330.3301319	-124.1601319	Varney-2018	51.26986806
604447.65	5601754.48	73.78035633	54136.38	53843.85	53707.47	54037.76976	-330.2997581	-124.1297581	Varney-2018	51.30024193
604447.72	5601754.13	73.76852781	54136.39	53843.94	53707.55	54037.7688	-330.2188017	-124.0488017	Varney-2018	51.38119825
604447.93	5601753.73	73.77494717	54136.4	53843.78	53707.38	54037.76745	-330.3874468	-124.2174468	Varney-2018	51.21255319
604448.24	5601753.29	73.79433541	54136.41	53843.66	53707.25	54037.76579	-330.5157916	-124.3457916	Varney-2018	51.08420843
604447.77	5601752.02	73.64079568	54136.39	53843.56	53707.17	54037.76377	-330.5937695	-124.4237695	Varney-2018	51.00623051
604448.19	5601751.69	73.6847679	54136.37	53843.46	53707.09	54037.76213	-330.6721323	-124.5021323	Varney-2018	50.92786772
604448.61	5601751.34	73.72777966	54136.35	53843.17	53706.82	54037.76044	-330.9404398	-124.7704398	Varney-2018	50.65956024
604449.02	5601750.98	73.76892748	54136.32	53843.27	53706.95	54037.75874	-330.8087358	-124.6387358	Varney-2018	50.79126425
604449.12	5601750.27	73.74002121	54136.3	53843.09	53706.79	54037.75684	-330.9668398	-124.7968398	Varney-2018	50.63316018
604449.39	5601749.86	73.756746	54136.28	53842.66	53706.38	54037.75529	-331.3752943	-125.2052943	Varney-2018	50.22470571
604449.97	5601749.92	73.85157131	54136.26	53842.26	53706	54037.75421	-331.754212	-125.584212	Varney-2018	49.84578803
604450.44	5601749.79	73.91742142	54136.24	53842.27	53706.03	54037.7529	-331.7229049	-125.5529049	Varney-2018	49.87709506
604451	5601749.83	74.00786773	54136.24	53842.47	53706.23	54037.75182	-331.5218169	-125.3518169	Varney-2018	50.07818307
604451.5	5601749.67	74.07682785	54136.25	53842.38	53706.13	54037.75037	-331.6203678	-125.4503678	Varney-2018	49.9796322
604451.76	5601749.67	74.11772947	54136.28	53842.31	53706.03	54037.74982	-331.7198166	-125.5498166	Varney-2018	49.88018341
604452.09	5601749.69	74.17083126	54136.31	53842.24	53705.93	54037.74917	-331.8191662	-125.6491662	Varney-2018	49.78083377
604452.95	5601749.89	74.31779564	54136.33	53842.25	53705.92	54037.74784	-331.8278412	-125.6578412	Varney-2018	49.77215882
604453.7	5601750.48	74.46960979	54136.36	53842.14	53705.78	54037.74774	-331.9677371	-125.7977371	Varney-2018	49.63226294
604454.33	5601751.03	74.59948167	54136.38	53842.03	53705.65	54037.74781	-332.0978071	-125.9278071	Varney-2018	49.50219294
604454.87	5601751.56	74.71349647	54136.41	53842.15	53705.74	54037.74803	-332.0080321	-125.8380321	Varney-2018	49.59196785
604455.06	5601752.03	74.76938351	54136.41	53842.33	53705.92	54037.74884	-331.8288383	-125.6588383	Varney-2018	49.77116173
604455.24	5601752.42	74.81905619	54136.42	53842.23	53705.81	54037.74947	-331.9394655	-125.7694655	Varney-2018	49.66053445
604455.63	5601752.76	74.89811115	54136.44	53841.4	53704.96	54037.74954	-332.7895426	-126.6195426	Varney-2018	48.81045744
604455.76	5601753.04	74.93362879	54136.46	53842.09	53705.63	54037.75	-332.1199983	-125.9499983	Varney-2018	49.48000167
604455.83	5601753.24	74.95544341	54136.46	53842.33	53705.87	54037.75037	-331.8803713	-125.7103713	Varney-2018	49.71962873
604455.98	5601753.52	74.99389299	54136.45	53842.03	53705.58	54037.75079	-332.1707903	-126.0007903	Varney-2018	49.42920967
604456.42	5601753.53	75.0617995	54136.44	53842.16	53705.72	54037.74993	-332.0299327	-125.8599327	Varney-2018	49.57006731
604457.06	5601753.41	75.15329559	54136.43	53842.11	53705.68	54037.74833	-332.0683348	-125.8983348	Varney-2018	49.53166524
604457.62	5601753.17	75.22629151	54136.42	53842.47	53706.05	54037.74658	-331.6965786	-125.5265786	Varney-2018	49.9034214
604458.1	5601752.94	75.28781142	54136.41	53842.28	53705.87	54037.745	-331.875003	-125.705003	Varney-2018	49.72499698
604458.49	5601752.73	75.3367632	54136.39	53842.17	53705.78	54037.74366	-331.9636568	-125.7936568	Varney-2018	49.63634315
604458.66	5601752.66	75.35928175	54136.36	53842.15	53705.79	54037.74313	-331.9531257	-125.7831257	Varney-2018	49.64687426
604459	5601752.45	75.40076909	54136.36	53842.24	53705.88	54037.74187	-331.8618749	-125.6918749	Varney-2018	49.73812507
604458.89	5601752.4	75.38120248	54136.35	53841.68	53705.33	54037.74197	-332.4119662	-126.2419662	Varney-2018	49.18803383
604458.89	5601752.31	75.37652694	54136.35	53843.29	53706.94	54037.74173	-330.8017266	-124.6317266	Varney-2018	50.79827336
604459.16	5601752	75.40220699	54136.35	53842.83	53706.48	54037.74035	-331.2603475	-125.0903475	Varney-2018	50.33965252
604459.39	5601751.64	75.41929665	54136.36	53842.8	53706.44	54037.73891	-331.2989121	-125.1289121	Varney-2018	50.3010879
604459.64	5601751.25	75.43814508	54136.37	53843.13	53706.76	54037.73735	-330.9773499	-124.8073499	Varney-2018	50.62265005
604459.96	5601750.8	75.46508143	54136.38	53864.26	53727.88	54037.73547	-309.8554746	-103.6854746	Varney-2018	71.74452542
604460.42	5601750.32	75.51274505	54136.4	53867.26	53730.86	54037.73322	-306.8732156	-100.7032156	Varney-2018	74.7267844
604460.21	5601750.38	75.482889	54136.41	53858.55	53722.14	54037.73382	-315.5938188	-109.4238188	Varney-2018	66.00618116
604459.9	5601750.01	75.41555139	54136.42	53847.86	53711.44	54037.73347	-326.2934741	-120.1234741	Varney-2018	55.30652595
604462.88	5601749.44	75.85611856	54136.43	53848.67	53712.24	54037.7256	-325.4856025	-119.3156025	Varney-2018	56.11439752
604462.5	5601749.52	75.80008263	54136.44	53848.38	53711.94	54037.72663	-325.786632	-119.616632	Varney-2018	55.81336802
604462.16	5601749.57	75.74895811	54136.45	53849.05	53712.6	54037.72749	-325.1274921	-118.9574921	Varney-2018	56.47250788
604461.9	5601749.61	75.70997391	54136.47	53852.75	53716.28	54037.72815	-321.4481541	-115.2781541	Varney-2018	60.15184594
604461.12	5601750.13	75.61295989	54136.47	53848.28	53711.81	54037.73123	-325.9212268	-119.7512268	Varney-2018	55.67877321
604461.84	5601749.87	75.71319687	54136.48	53844.06	53707.58	54037.729	-330.1489957	-123.9789957	Varney-2018	51.45100433
604462.02	5601750.16	75.75554381	54136.46	53842.31	53705.85	54037.72941	-331.8794133	-125.7094133	Varney-2018	49.72058666
604462.69	5601750.16	75.86058403	54136.43	53843.39	53706.96	54037.728	-330.7680024	-124.5980024	Varney-2018	50.83199757
604463.11	5601750.11	75.92406407	54136.43	53843.94	53707.51	54037.72698	-330.2169788	-124.0469788	Varney-2018	51.38302122
604463.45	5601750.31	75.98677637	54136.42	53843.66	53707.24	54037.72682	-330.4868211	-124.3168211	Varney-2018	51.11317887
604463.15	5601750.73	75.95964932	54136.42	53843.88	53707.46	54037.72862	-330.2686214	-124.0986214	Varney-2018	51.33137856
604463.28	5601750.79	75.98277706	54136.43	53843.54	53707.11	54037.72852	-330.6185172	-124.4485172	Varney-2018	50.9814828
604462.8	5601751.07	75.92120126	54136.43	53843.36	53706.93	54037.7303	-330.8002963	-124.6302963	Varney-2018	50.79970374
604462.32	5601751.46	75.86522099	54136.43	53843.81	53707.38	54037.73237	-330.3523712	-124.1823712	Varney-2018	51.24762877
604461.83	5601751.73	75.80225515	54136.44	53843.66	53707.22	54037.73413	-330.5141262	-124.3441262	Varney-2018	51.08587377
604460	5601752.33	75.54894558	54136.45	53844.09	53707.64	54037.73951	-330.0995125	-123.9295125	Varney-2018	51.50048749
604458.06	5601752.79	75.27373322	54136.45	53843.67	53707.22	54037.74469	-330.5246884	-124.3546884	Varney-2018	51.07531158
604457.37	5601753.05	75.18148872	54136.45	53843.58	53707.13	54037.74677	-330.6167691	-124.4467691	Varney-2018	50.98323091
604457.22	5601753.24	75.16866642	54136.45	53843.59	53707.14	54037.74757	-330.6075688	-124.4375688	Varney-2018	50.99243122
604457.11	5601753.28	75.15394877	54136.45	53844.14	53707.69	54037.74789	-330.0578949	-123.8878949	Varney-2018	51.54210505
604457.4	5601754.42	75.25950816	54136.46	53844	53707.54	54037.7503	-330.2102952	-124.0402952	Varney-2018	51.38970481

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604457.08	5601755.53	75.27070388	54136.48	53843.62	53707.14	54037.75383	-330.6138251	-124.4438251	Varney-2018	50.98617491
604456.66	5601756.17	75.24214565	54136.5	53843.74	53707.24	54037.75631	-330.5163057	-124.3463057	Varney-2018	51.08369434
604456.34	5601756.59	75.21708083	54136.52	53843.6	53707.08	54037.75801	-330.6780102	-124.5080102	Varney-2018	50.92198982
604456.05	5601756.97	75.19458612	54136.53	53844	53707.47	54037.75955	-330.2895465	-124.1195465	Varney-2018	51.31045347
604456.02	5601757.21	75.20333061	54136.55	53843	53706.45	54037.76022	-331.3102225	-125.1402225	Varney-2018	50.28977755
604455.92	5601757.27	75.19173881	54136.57	53840.09	53703.52	54037.76057	-334.240567	-128.070567	Varney-2018	47.35943299
604456.5	5601757.23	75.27596267	54136.6	53840.43	53703.83	54037.75936	-333.929362	-127.759362	Varney-2018	47.67063801
604456.67	5601757.14	75.29640154	54136.6	53841.12	53704.52	54037.75881	-333.2388053	-127.0688053	Varney-2018	48.36119474
604456.95	5601757.09	75.33545115	54136.61	53841.49	53704.88	54037.75814	-332.8781423	-126.7081423	Varney-2018	48.72185773
604457.05	5601757.09	75.35036861	54136.6	53841.19	53704.59	54037.75795	-333.1679519	-126.9979519	Varney-2018	48.43204815
604458.84	5601756.36	75.57942732	54136.58	53841.6	53705.02	54037.7526	-332.7326017	-126.5626017	Varney-2018	48.86739831
604458.17	5601756.52	75.48738225	54136.56	53840.98	53704.42	54037.75431	-333.3343142	-127.1643142	Varney-2018	48.26568583
604458.02	5601756.61	75.4696737	54136.53	53841.67	53705.14	54037.75484	-332.6148395	-126.4448395	Varney-2018	48.98516048
604457.96	5601756.57	75.45857281	54136.52	53840.98	53704.46	54037.75485	-333.2948492	-127.1248492	Varney-2018	48.30515077
604457.54	5601756.67	75.40102303	54136.51	53841.65	53705.14	54037.75592	-332.6159175	-126.4459175	Varney-2018	48.98408246
604457.09	5601756.8	75.34069737	54136.51	53841.91	53705.4	54037.75712	-332.3571191	-126.1871191	Varney-2018	49.24288093
604456.26	5601756.94	75.22429537	54136.52	53842.18	53705.66	54037.75907	-332.0990684	-125.9290684	Varney-2018	49.50093162
604455.95	5601756.99	75.180759	54136.54	53842.28	53705.74	54037.75979	-332.0197888	-125.8497888	Varney-2018	49.58021119
604455.91	5601756.91	75.17037009	54136.56	53840.09	53703.53	54037.75966	-334.2296591	-128.0596591	Varney-2018	47.37034089
604455.8	5601756.23	75.11630798	54136.57	53840.87	53704.3	54037.75812	-333.4581205	-127.2881205	Varney-2018	48.14187947
604455.82	5601756.2	75.1176508	54136.59	53842.16	53705.57	54037.758	-332.1880048	-126.0180048	Varney-2018	49.41199522
604456.11	5601756.11	75.15624457	54136.59	53841.42	53704.83	54037.75721	-332.9272128	-126.7572128	Varney-2018	48.67278717
604455.44	5601756.3	75.06616695	54136.59	53842.03	53705.44	54037.75899	-332.3189943	-126.1489943	Varney-2018	49.28100571
604453.11	5601756.25	74.71365643	54136.59	53841.58	53704.99	54037.76336	-332.7733598	-126.6033598	Varney-2018	48.82664019
604452.31	5601756.77	74.62434712	54136.6	53842.7	53706.1	54037.76619	-331.666187	-125.496187	Varney-2018	49.93381298
604452.54	5601756.45	74.63988489	54136.59	53841.64	53705.05	54037.76495	-332.7149544	-126.5449544	Varney-2018	48.88504558
604452.38	5601755.77	74.5757224	54136.57	53837.34	53700.77	54037.76358	-336.9935811	-130.8235811	Varney-2018	44.60641887
604452.31	5601755.6	74.5551202	54136.57	53836.12	53699.55	54037.7633	-338.2132972	-132.0432972	Varney-2018	43.38670278
604452.29	5601755.36	74.53789836	54136.57	53836.22	53699.65	54037.76274	-338.1127435	-131.9427435	Varney-2018	43.48725648
604453.32	5601755.91	74.72543607	54136.57	53837.6	53701.03	54037.76211	-336.732105	-130.562105	Varney-2018	44.86789496
604453.39	5601755.42	74.70755693	54136.56	53836.35	53699.79	54037.76074	-337.9707437	-131.8007437	Varney-2018	43.62925631
604453.46	5601755.33	74.71291577	54136.56	53835.22	53698.66	54037.76038	-339.1003817	-132.9303817	Varney-2018	42.49961831
604453.53	5601755.03	74.70614413	54136.55	53834.02	53697.47	54037.75949	-340.2894932	-134.1194932	Varney-2018	41.31050681
604453.55	5601754.66	74.68778382	54136.56	53829.49	53692.93	54037.75853	-344.8285267	-138.6585267	Varney-2018	36.77147332
604453.6	5601754.88	74.70808154	54136.57	53834.75	53698.18	54037.75898	-339.5789796	-133.4089796	Varney-2018	42.02102042
604453.41	5601754.96	74.6839147	54136.58	53833.52	53696.94	54037.75955	-340.8195537	-134.6495537	Varney-2018	40.78044626
604453.48	5601754.78	74.68410119	54136.59	53834.21	53697.62	54037.75897	-340.1389654	-133.9689654	Varney-2018	41.4610346
604453.76	5601753.98	74.6805174	54136.59	53834.34	53697.75	54037.7564	-340.0064037	-133.8364037	Varney-2018	41.59359628
604454.03	5601753.27	74.68104574	54136.59	53834.46	53697.87	54037.75408	-339.884076	-133.714076	Varney-2018	41.71592402
604454.68	5601752.59	74.74226633	54136.6	53837.22	53700.62	54037.75104	-337.1310396	-130.9610396	Varney-2018	44.46896042
604454.57	5601752.59	74.72531414	54136.61	53835.19	53698.58	54037.75126	-339.1712634	-133.0012634	Varney-2018	42.42873656
604455.18	5601752.21	74.79803414	54136.64	53835.84	53699.2	54037.74905	-338.5490517	-132.3790517	Varney-2018	43.05094828
604455.75	5601751.71	74.85841752	54136.67	53835	53698.33	54037.7466	-339.4166004	-133.2466004	Varney-2018	42.18339961
604456.15	5601751.32	74.89901513	54136.67	53834.88	53698.21	54037.74477	-339.5347693	-133.3647693	Varney-2018	42.06523075
604456.46	5601751	74.92974425	54136.68	53835	53698.32	54037.7433	-339.4232979	-133.2532979	Varney-2018	42.17670211
604456.72	5601750.74	74.95614055	54136.69	53835.63	53698.94	54037.74208	-338.8020812	-132.6320812	Varney-2018	42.79791882
604456.88	5601750.65	74.97624901	54136.7	53836.13	53699.43	54037.74151	-338.3115127	-132.1415127	Varney-2018	43.28848731
604456.86	5601750.35	74.95687107	54136.7	53834.13	53697.43	54037.74077	-340.3107738	-134.1407738	Varney-2018	41.28922619
604456.38	5601749.98	74.86147804	54136.7	53834.07	53697.37	54037.74082	-340.3708242	-134.2008242	Varney-2018	41.22917575
604455.79	5601749.52	74.74340201	54136.7	53844.29	53707.59	54037.74089	-330.150887	-123.980887	Varney-2018	51.44911299
604455.65	5601749.02	74.69360277	54136.69	53837.1	53700.41	54037.7399	-337.3299009	-131.1599009	Varney-2018	44.27009914
604455.97	5601749.22	74.75520209	54136.68	53833.8	53697.12	54037.73973	-340.6197317	-134.4497317	Varney-2018	40.98026833
604453	5601751.23	74.40392057	54136.67	53826.43	53689.76	54037.75107	-347.9910721	-141.8210721	Varney-2018	33.60892788
604453	5601751.52	74.42085988	54136.67	53824.95	53688.28	54037.75179	-349.4717942	-143.3017942	Varney-2018	32.12820578
604453.7	5601751.88	74.55031077	54136.66	53821.39	53684.73	54037.75125	-353.0212516	-146.8512516	Varney-2018	28.5787484
604454.39	5601752.22	74.67652612	54136.68	53837.61	53700.93	54037.75069	-336.8206935	-130.6506935	Varney-2018	44.77930651
604454.66	5601751.99	74.70522983	54136.71	53840.53	53703.82	54037.74956	-333.9295573	-127.7595573	Varney-2018	47.67044271
604454.91	5601751.73	74.72927986	54136.71	53838.61	53701.9	54037.74838	-335.8483823	-129.6783823	Varney-2018	45.7516177
604455.65	5601751.41	74.82625855	54136.71	53833.66	53696.95	54037.74604	-340.7960363	-134.6260363	Varney-2018	40.80396368
604456.72	5601750.06	74.91919562	54136.74	53831.24	53694.5	54037.74031	-343.2403143	-137.0703143	Varney-2018	38.35968565
604456.2	5601750.9	74.88373183	54136.77	53821.88	53685.11	54037.74358	-352.6335807	-146.4635807	Varney-2018	28.96641927
604457.95	5601748.68	75.03905104	54136.76	53808.2	53671.44	54037.73409	-366.2940856	-160.1240856	Varney-2018	15.30591442
604460.55	5601748.56	75.44487529	54136.75	53810.41	53673.66	54037.72817	-364.0681733	-157.8981733	Varney-2018	17.53182671
604462.09	5601747.74	75.64929292	54136.76	53814.79	53678.03	54037.7226	-359.6925999	-153.5225999	Varney-2018	21.90740013

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604463.84	5601744.49	75.77710554	54136.78	53815.78	53679	54037.70967	-358.7096735	-152.5396735	Varney-2018	22.89032648
604464.28	5601744.23	75.83685398	54136.78	53816.46	53679.68	54037.70794	-358.0279416	-151.8579416	Varney-2018	23.57205841
604464.19	5601742.9	75.76079699	54136.79	53821.64	53684.85	54037.7044	-352.8544018	-146.6844018	Varney-2018	28.74559824
604465.37	5601742.34	75.93007887	54136.79	53819.29	53682.5	54037.70007	-355.2000715	-149.0300715	Varney-2018	26.39992846
604465.74	5601741.68	75.96193207	54136.79	53818.33	53681.54	54037.69732	-356.15732	-149.98732	Varney-2018	25.44267996
604468.61	5601740.47	76.25095931	54136.8	53824.19	53687.39	54037.69066	-350.3006578	-144.1306578	Varney-2018	31.29934223
604469.48	5601741.22	76.30950229	54136.82	53838.3	53701.48	54037.69392	-336.2139212	-130.0439212	Varney-2018	45.38607883
604470.83	5601742.88	76.42043469	54136.82	53857.68	53720.86	54037.70046	-316.8404566	-110.6704566	Varney-2018	64.75954337
604472.68	5601741.87	76.43531897	54136.83	53878.43	53741.6	54037.69978	-296.0997811	-89.92978107	Varney-2018	85.50021893
604473.51	5601741.55	76.44773793	54136.83	53900.42	53763.59	54037.69986	-274.1098635	-67.9398635	Varney-2018	107.4901365
604475.65	5601740.99	76.49106709	54136.82	53915.7	53778.88	54037.70085	-258.8208468	-52.65084676	Varney-2018	122.7791532
604477.39	5601739.65	76.49115044	54136.82	53927.4	53790.58	54037.699	-247.1190048	-40.94900484	Varney-2018	134.4809952
604478.83	5601738.77	76.50114282	54136.82	53931.36	53794.54	54037.69814	-243.1581422	-36.98814218	Varney-2018	138.4418578
604479.86	5601738.35	76.5169405	54136.81	53932.27	53795.46	54037.69814	-242.2381417	-36.06814174	Varney-2018	139.3618583
604481.57	5601737.47	76.53643117	54136.79	53911.48	53774.69	54037.69758	-263.0075816	-56.83758159	Varney-2018	118.5924184
604481.99	5601737.18	76.53843169	54136.79	53888.99	53752.2	54037.69722	-285.4972196	-79.32721956	Varney-2018	96.10278044
604482.52	5601734.26	76.44137669	54136.8	53865.32	53728.52	54037.68909	-309.1690869	-102.9990869	Varney-2018	72.43091308
604484.36	5601730.61	76.36030136	54136.82	53846.03	53709.21	54037.68027	-328.4702717	-122.3002717	Varney-2018	53.1297283
604485.43	5601728.95	76.33229617	54136.84	53834.58	53697.74	54037.67651	-339.9365062	-133.7665062	Varney-2018	41.66349379
604486.63	5601727.59	76.32095369	54136.85	53829.22	53692.37	54037.67378	-345.3037776	-139.1337776	Varney-2018	36.29622244
604486.87	5601726.79	76.29869118	54136.87	53826.6	53689.73	54037.67163	-347.9416293	-141.7716293	Varney-2018	33.65837072
604486.92	5601725.29	76.24336544	54136.87	53824.62	53687.75	54037.66714	-349.9171401	-143.7471401	Varney-2018	31.68285985
604487.1	5601723.74	76.19070938	54136.87	53821.57	53684.7	54037.66265	-352.9626452	-146.7926452	Varney-2018	28.63735482
604487.77	5601723.73	76.21371082	54136.85	53824.46	53687.61	54037.66337	-350.0533706	-143.8833706	Varney-2018	31.54662945
604486.73	5601724.05	76.18959894	54136.82	53817.2	53680.38	54037.66317	-357.2831671	-151.1131671	Varney-2018	24.31683292
604483.67	5601724.71	76.10861564	54136.79	53815.24	53678.45	54037.6617	-359.2116974	-153.0416974	Varney-2018	22.38830262
604482.97	5601723.67	76.0438681	54136.75	53810.51	53673.76	54037.65778	-363.8977762	-157.7277762	Varney-2018	17.70222382
604482.81	5601722.99	76.0232459	54136.75	53806.77	53670.02	54037.65525	-367.6352476	-161.4652476	Varney-2018	13.96475237
604482.93	5601721.87	76.00493183	54136.74	53806.68	53669.94	54037.65146	-367.7114554	-161.5414554	Varney-2018	13.88854462
604482.76	5601720.49	75.97097818	54136.75	53806.87	53670.12	54037.64643	-367.5264321	-161.3564321	Varney-2018	14.07356788
604483.1	5601718.34	75.94024456	54136.77	53800.27	53663.5	54037.63926	-374.1392602	-167.9692602	Varney-2018	7.460739814
604483.47	5601715.93	75.90617072	54136.8	53801.54	53664.74	54037.63119	-372.8911881	-166.7211881	Varney-2018	8.70881188
604484.71	5601714.07	75.91798147	54136.83	53797.83	53661	54037.62591	-376.6259074	-170.4559074	Varney-2018	4.974092639
604483.7	5601713.19	75.86085592	54136.87	53804.58	53667.71	54037.62179	-369.9117936	-163.7417936	Varney-2018	11.68820639
604483.57	5601710.55	75.80334303	54136.92	53811.61	53674.69	54037.61239	-362.9223873	-156.7523873	Varney-2018	18.67761267
604484.36	5601709.42	75.81371272	54136.94	53822.56	53685.62	54037.60917	-351.9891697	-145.8191697	Varney-2018	29.61083033
604486.37	5601708.52	75.88042417	54136.97	53817.31	53680.34	54037.60789	-357.267892	-151.097892	Varney-2018	24.33210803
604485.97	5601707.88	75.85168313	54136.99	53826.87	53689.88	54037.60525	-347.7252475	-141.5552475	Varney-2018	33.87475251
604485.66	5601706.91	75.82030574	54137.02	53843.1	53706.08	54037.60152	-331.5215247	-125.3515247	Varney-2018	50.07847535
604486.33	5601705.14	75.81604539	54137.02	53857.77	53720.75	54037.59586	-316.8458632	-110.6758632	Varney-2018	64.75413682
604485.33	5601705.47	75.77885165	54137.02	53863.59	53726.57	54037.59613	-311.0261294	-104.8561294	Varney-2018	70.57387064
604485.56	5601705.54	75.79013775	54136.98	53865.93	53728.95	54037.59659	-308.6465851	-102.4765851	Varney-2018	72.95341492
604486.5	5601706.43	75.84726441	54136.94	53852	53715.06	54037.6006	-322.5405954	-116.3705954	Varney-2018	59.05940455
604486.77	5601705.22	75.83663924	54136.87	53858.7	53721.83	54037.59654	-315.7665437	-109.5965437	Varney-2018	65.83345635
604487.44	5601703.59	75.83633712	54136.8	53860.68	53723.88	54037.59134	-313.7113427	-107.5413427	Varney-2018	67.88865726
604488.84	5601702.36	75.87680747	54136.78	53863.47	53726.69	54037.58818	-310.8981753	-104.7281753	Varney-2018	70.70182473
604490.34	5601701.39	75.92774459	54136.76	53860.3	53723.54	54037.58599	-314.0459858	-107.8759858	Varney-2018	67.55401416
604492.63	5601701.15	76.02750776	54136.79	53856.1	53719.31	54037.58707	-318.2770726	-112.1070726	Varney-2018	63.32292744
604492.78	5601701.14	76.03414926	54136.83	53853.55	53716.72	54037.58716	-320.867164	-114.697164	Varney-2018	60.73283598
604494.78	5601698.91	76.09213746	54136.9	53857.62	53720.72	54037.58072	-316.8607242	-110.6907242	Varney-2018	64.73927584
604493.6	5601693.24	75.95133176	54136.97	53857.71	53720.74	54037.55913	-316.8191304	-110.6491304	Varney-2018	64.78086956
604494.16	5601693	75.97517468	54137.02	53855.24	53718.22	54037.55868	-319.3386784	-113.1686784	Varney-2018	62.26132161
604495.5	5601691.46	76.01891473	54137.08	53851.66	53714.58	54037.55405	-322.9740486	-116.8040486	Varney-2018	58.62595145
604497.76	5601690.55	76.11938948	54137.08	53844.99	53707.91	54037.55235	-329.642348	-123.472348	Varney-2018	51.95765195
604496.65	5601690.7	76.0657127	54137.08	53850.73	53713.65	54037.5521	-323.9020985	-117.7320985	Varney-2018	57.69790153
604494.74	5601691.56	75.9825342	54137.05	53863.5	53726.45	54037.55386	-311.1038569	-104.9338569	Varney-2018	70.4961431
604494.53	5601690.03	75.94950824	54137.02	53874.22	53737.2	54037.54812	-300.3481208	-94.17812082	Varney-2018	81.25187918
604495.26	5601689.34	75.9763946	54137.01	53875.89	53738.88	54037.54612	-298.6661192	-92.49611923	Varney-2018	82.93388077
604496.04	5601689.52	76.01853266	54137	53868.73	53731.73	54037.54733	-305.8173304	-99.64733036	Varney-2018	75.78266964
604496.41	5601688.84	76.02784687	54137.03	53869.21	53732.18	54037.5451	-305.365096	-99.19509602	Varney-2018	76.23490398
604496.55	5601690.32	76.05544527	54137.06	53866.52	53729.46	54037.55063	-308.0906303	-101.9206303	Varney-2018	73.50936966
604496.98	5601693.37	76.11863633	54137.08	53861.53	53724.45	54037.56216	-313.1121585	-106.9421585	Varney-2018	68.48784146
604497.08	5601693.55	76.12597162	54137.11	53856.59	53719.48	54037.5629	-318.0828965	-111.9128965	Varney-2018	63.51710353
604498.39	5601693.3	76.18669748	54137.11	53848.99	53711.88	54037.56297	-325.6829658	-119.5129658	Varney-2018	55.9170342

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604497.98	5601692.56	76.1568905	54137.1	53846.77	53709.67	54037.55993	-327.8899251	-121.7199251	Varney-2018	53.71007493
604497.98	5601692.2	76.15215268	54137.09	53825.57	53688.48	54037.5586	-349.0785964	-142.9085964	Varney-2018	32.52140358
604500.81	5601689.14	76.25584754	54137.07	53810.72	53673.65	54037.5493	-363.8992954	-157.7292954	Varney-2018	17.70070462
604501.2	5601688.43	76.26740121	54137.08	53799.8	53662.72	54037.54692	-374.8269215	-168.6569215	Varney-2018	6.773078505
604501.68	5601687.78	76.28453562	54137.09	53796.38	53659.29	54037.54483	-378.2548268	-172.0848268	Varney-2018	3.345173222
604501.61	5601687.13	76.27346791	54137.08	53795.02	53657.94	54037.54235	-379.6023507	-173.4323507	Varney-2018	1.997649267
604501.62	5601686.68	76.26882155	54137.07	53794.77	53657.7	54037.54068	-379.8406766	-173.6706766	Varney-2018	1.759323402
604502.42	5601687.05	76.31453864	54137.07	53793.08	53656.01	54037.5426	-381.5326014	-175.3626014	Varney-2018	0.067398574
604507.68	5601683.38	76.55538156	54137.07	53787.74	53650.67	54037.53219	-386.8621879	-180.6921879	Varney-2018	-5.262187912
604509.91	5601682.77	76.67010751	54137.08	53769.07	53631.99	54037.53126	-405.5412596	-199.3712596	Varney-2018	-23.94125961
604509.2	5601682.93	76.63317115	54137.1	53766.51	53629.41	54037.53143	-408.1214278	-201.9514278	Varney-2018	-26.5214278
604507.79	5601682.59	76.55445958	54137.11	53774.85	53637.74	54037.52925	-399.7892468	-193.6192468	Varney-2018	-18.18924677
604508.52	5601681.51	76.58486172	54137.12	53786.7	53649.58	54037.52558	-387.9455763	-181.7755763	Varney-2018	-6.345576321
604508.47	5601680.15	76.57084427	54137.15	53794.3	53657.15	54037.52035	-380.3703513	-174.2003513	Varney-2018	1.229648719
604508.96	5601679.26	76.59061819	54137.19	53805.45	53668.26	54037.51724	-369.2572375	-163.0872375	Varney-2018	12.34276252
604509.5	5601678.97	76.61828661	54137.21	53810.05	53672.84	54037.51644	-364.6764409	-158.5064409	Varney-2018	16.92355914
604509.51	5601677.72	76.60906028	54137.23	53812.53	53675.3	54037.51166	-362.2116563	-156.0416563	Varney-2018	19.38834369
604510.55	5601676.3	76.65703288	54137.24	53815.93	53678.69	54037.50678	-358.8167828	-152.6467828	Varney-2018	22.78321722
604511.2	5601674.31	76.67994406	54137.26	53819.58	53682.32	54037.49947	-355.1794704	-149.0094704	Varney-2018	26.42052956
604512.32	5601673.17	76.73716633	54137.26	53816.93	53679.67	54037.49565	-357.825647	-151.655647	Varney-2018	23.77435303
604513.21	5601673.17	76.78901846	54137.26	53810.56	53673.3	54037.4961	-364.1960991	-158.0260991	Varney-2018	17.40390091
604515.64	5601672.89	76.92919522	54137.26	53794.56	53657.3	54037.49624	-380.1962394	-174.0262394	Varney-2018	1.40376056
604516.89	5601671.04	76.99402292	54137.25	53785.35	53648.1	54037.48961	-389.3896128	-183.2196128	Varney-2018	-7.789612823
604518.08	5601670.3	77.06166944	54137.24	53788.15	53650.91	54037.48727	-386.5772725	-180.4072725	Varney-2018	-4.977272488
604517.32	5601666.62	77.00088186	54137.23	53800.54	53663.31	54037.47246	-374.1624575	-167.9924575	Varney-2018	7.43754246
604518.2	5601665.37	77.05006236	54137.24	53815.1	53677.86	54037.46791	-359.6079101	-153.4379101	Varney-2018	21.99208989
604517.29	5601663.41	76.98547807	54137.25	53829.33	53692.08	54037.45984	-345.3798365	-139.2098365	Varney-2018	36.22016353
604518.68	5601662.94	77.0710539	54137.25	53829.42	53692.17	54037.45852	-345.288522	-139.118522	Varney-2018	36.31147804
604519.21	5601661.22	77.09870037	54137.24	53827.27	53690.03	54037.45193	-347.4219283	-141.2519283	Varney-2018	34.17807172
604521.32	5601660.89	77.23251824	54137.24	53822.79	53685.55	54037.45138	-351.9013781	-145.7313781	Varney-2018	29.69862188
604522.13	5601660.2	77.28294126	54137.23	53811.48	53674.25	54037.44892	-363.1989163	-157.0289163	Varney-2018	18.40108369
604523.06	5601659.85	77.34216032	54137.24	53798.97	53661.73	54037.44784	-375.7178411	-169.5478411	Varney-2018	5.882158855
604523.59	5601658.33	77.37431252	54137.25	53786.15	53648.9	54037.44194	-388.5419359	-182.3719359	Varney-2018	-6.941935891
604524.36	5601657.22	77.42340095	54137.25	53783.73	53646.48	54037.43773	-390.9577306	-184.7877306	Varney-2018	-9.357730561
604525.16	5601656.34	77.47539936	54137.24	53786.04	53648.8	54037.43444	-388.6344388	-182.4644388	Varney-2018	-7.034438818
604526.37	5601655.86	77.55530572	54137.23	53787.46	53650.23	54037.43286	-387.2028646	-181.0328646	Varney-2018	-5.602864641
604528.29	5601655.89	77.68251849	54137.21	53788.85	53651.64	54037.43355	-385.7935539	-179.6235539	Varney-2018	-4.193553873
604529.69	5601655.77	77.77545866	54137.2	53790.51	53653.31	54037.43348	-384.1234785	-177.9534785	Varney-2018	-2.523478472
604530.84	5601654.89	77.85351569	54137.19	53792.95	53655.76	54037.43021	-381.6702142	-175.5002142	Varney-2018	-0.070214155
604531.64	5601654.81	77.90708398	54137.22	53795.35	53658.13	54037.43011	-379.3001127	-173.1301127	Varney-2018	2.299887299
604532.09	5601653.89	77.9395365	54137.25	53795.05	53657.8	54037.42646	-379.6264591	-173.4564591	Varney-2018	1.973540873
604532.79	5601652.77	77.98986316	54137.29	53793.48	53656.19	54037.42204	-381.2320368	-175.0620368	Varney-2018	0.367963231
604532.43	5601651.45	77.96916002	54137.34	53796.33	53658.99	54037.41651	-378.426514	-172.256514	Varney-2018	3.17348601
604532.33	5601651.57	77.96200098	54137.38	53799.97	53662.59	54037.41698	-374.8269833	-168.6569833	Varney-2018	6.77301665
604532.26	5601651.47	77.9574932	54137.42	53795.86	53658.44	54037.41656	-378.9765552	-172.8065552	Varney-2018	2.623444807
604532.87	5601651.77	77.99826215	54137.43	53797.53	53660.1	54037.41794	-377.3179383	-171.1479383	Varney-2018	4.282061709
604533.93	5601651.53	78.07134813	54137.45	53801.36	53663.91	54037.41721	-373.5072066	-167.3372066	Varney-2018	8.092793419
604534.3	5601651.63	78.09624491	54137.42	53802.34	53664.92	54037.41771	-372.4977099	-166.3277099	Varney-2018	9.102290094
604534.64	5601651.64	78.1194042	54137.39	53806.12	53668.73	54037.41783	-368.6878341	-162.5178341	Varney-2018	12.91216588
604535.37	5601650.26	78.17491966	54137.37	53808.02	53670.65	54037.41229	-366.7622853	-160.5922853	Varney-2018	14.83771468
604535.62	5601650	78.19324138	54137.34	53804.39	53667.05	54037.41126	-370.3612623	-164.1912623	Varney-2018	11.23873773
604534.64	5601650.79	78.12263588	54137.35	53808.88	53671.53	54037.41431	-365.8843144	-159.7143144	Varney-2018	15.71568557
604535.35	5601650.88	78.17098152	54137.37	53809.65	53672.28	54037.41485	-365.1348535	-158.9648535	Varney-2018	16.46514651
604535.66	5601651.35	78.19023084	54137.37	53813.24	53675.87	54037.41688	-361.5468782	-155.3768782	Varney-2018	20.05312179
604535.16	5601650.48	78.15956942	54137.38	53812.31	53674.93	54037.41315	-362.4831501	-156.3131501	Varney-2018	19.11684991
604535.63	5601649.04	78.19802085	54137.36	53807.46	53670.1	54037.40728	-367.3072777	-161.1372777	Varney-2018	14.29272235
604535.56	5601648.75	78.19438706	54137.33	53809.59	53672.26	54037.40606	-365.1460587	-158.9760587	Varney-2018	16.45394128
604537.16	5601647.94	78.30970705	54137.3	53820.9	53683.6	54037.40301	-353.8030127	-147.6330127	Varney-2018	27.79698728
604537.55	5601648.46	78.33430441	54137.26	53825.52	53688.26	54037.40526	-349.1452618	-142.9752618	Varney-2018	32.45473816
604538.04	5601649.3	78.3639394	54137.25	53830.99	53693.74	54037.40888	-343.6688755	-137.4988755	Varney-2018	37.93112455
604538.65	5601649.32	78.40610258	54137.24	53845.45	53708.21	54037.40909	-329.1990904	-123.0290904	Varney-2018	52.40090963
604539.74	5601649.17	78.48255971	54137.25	53864.29	53727.04	54037.40869	-310.3686944	-104.1986944	Varney-2018	71.23130558
604540.01	5601649.18	78.50122556	54137.26	53872.07	53734.81	54037.40879	-302.5987941	-96.42879409	Varney-2018	79.00120591
604540.59	5601649.31	78.54060278	54137.28	53868.59	53731.31	54037.40947	-306.0994657	-99.92946571	Varney-2018	75.50053429

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604542.16	5601647.18	78.64025601	54137.3	53874.48	53737.18	54037.40144	-300.221441	-94.05144104	Varney-2018	81.37855896
604545.64	5601643.98	78.37113472	54137.3	53876.46	53739.16	54037.4028	-298.2428007	-92.07280075	Varney-2018	83.35719925
604544.89	5601644.12	78.45898136	54137.29	53879.38	53742.09	54037.3995	-295.3094952	-89.13949524	Varney-2018	86.29050476
604543.99	5601643.53	78.53396011	54137.28	53883.64	53746.36	54037.39327	-291.0332739	-84.86327392	Varney-2018	90.56672608
604544.88	5601643.02	78.41588444	54137.26	53878.07	53740.81	54037.39617	-296.5861742	-90.41617422	Varney-2018	85.01382578
604544.78	5601641.79	78.37744014	54137.26	53881.02	53743.76	54037.39202	-293.6320197	-87.46201972	Varney-2018	87.96798028
604545.31	5601639.91	78.24372778	54137.27	53875.86	53738.59	54037.38906	-298.7990608	-92.6290608	Varney-2018	82.8009392
604547.57	5601639.45	77.97706776	54137.29	53882.94	53745.65	54037.39892	-291.748919	-85.57891904	Varney-2018	89.85108096
604549.28	5601637.79	77.72230876	54137.31	53883.5	53746.19	54037.40248	-291.212484	-85.04248399	Varney-2018	90.38751601
604550.43	5601637.71	77.59271882	54137.31	53884.31	53747	54037.40796	-290.4079609	-84.23796094	Varney-2018	91.19203906
604551.09	5601637.56	77.51413456	54137.3	53876.74	53739.44	54037.4108	-297.9707955	-91.80079546	Varney-2018	83.62920454
604551.06	5601637.91	77.53157902	54137.27	53871.59	53734.32	54037.41168	-303.091685	-96.92168499	Varney-2018	78.50831501
604550.88	5601638.11	77.55943902	54137.23	53873.65	53736.42	54037.41138	-300.9913841	-94.82138411	Varney-2018	80.60861589
604551.58	5601636.92	77.43440679	54137.2	53871.03	53733.83	54037.41133	-303.5813316	-97.41133159	Varney-2018	78.01866841
604551.4	5601637.03	77.45863881	54137.16	53864.8	53727.64	54037.41076	-309.7707634	-103.6007634	Varney-2018	71.82923662
604549.85	5601638.37	77.68309609	54137.2	53864.99	53727.79	54037.40704	-309.6170382	-103.4470382	Varney-2018	71.98296178
604553.16	5601638.74	77.33446844	54137.24	53848.73	53711.49	54037.42458	-325.9345809	-119.7645809	Varney-2018	55.66541915
604551.7	5601638.67	77.49200157	54137.26	53850.39	53713.13	54037.41712	-324.2871198	-118.1171198	Varney-2018	57.31288016
604551.67	5601637.31	77.44028905	54137.29	53840.61	53703.32	54037.41294	-334.0929359	-127.9229359	Varney-2018	47.50706406
604552.87	5601635.77	77.24605199	54137.27	53843.38	53706.11	54037.41433	-331.3043325	-125.1343325	Varney-2018	50.29566752
604553.84	5601634.41	77.08426766	54137.24	53848.55	53711.31	54037.41512	-326.1051228	-119.9351228	Varney-2018	55.49487721
604554.68	5601632.99	76.93425247	54137.2	53832.61	53695.41	54037.41509	-342.0050915	-135.8350915	Varney-2018	39.59490855
604557.16	5601631.4	76.59662341	54137.16	53817.48	53680.32	54037.42272	-357.1027193	-150.9327193	Varney-2018	24.49728069
604556.45	5601629.73	76.60695186	54137.12	53816.32	53679.2	54037.41424	-358.2142404	-152.0442404	Varney-2018	23.38575964
604556.66	5601628.97	76.55291897	54137.08	53832.39	53695.31	54037.41303	-342.1030349	-135.9330349	Varney-2018	39.49696512
604555.6	5601627.97	76.62915786	54137.07	53842.73	53705.66	54037.4048	-331.7447951	-125.5747951	Varney-2018	49.85520487
604554.67	5601627.61	76.717104	54137.05	53845.07	53708.02	54037.3991	-329.3790973	-123.2090973	Varney-2018	52.22090268
604554.67	5601627.25	76.70249997	54137.04	53842	53704.96	54037.39803	-332.4380304	-126.2680304	Varney-2018	49.16196959
604554.27	5601627.58	76.76000084	54137.02	53831.21	53694.19	54037.39702	-343.2070165	-137.0370165	Varney-2018	38.39298354
604554.5	5601623.67	76.57604592	54137.02	53824.32	53687.3	54037.38657	-350.0865733	-143.9165733	Varney-2018	31.51342674
604554.64	5601622.13	76.49811325	54137.03	53815.09	53678.06	54037.38271	-359.3227069	-153.1527069	Varney-2018	22.27729306
604556.02	5601618.24	76.18760551	54137.05	53808.35	53671.3	54037.37806	-366.0780641	-159.9080641	Varney-2018	15.52193593
604556.79	5601616.73	76.04101532	54137.07	53805.67	53668.6	54037.37743	-368.7774345	-162.6074345	Varney-2018	12.82256554
604557.52	5601614.55	75.87150734	54137.08	53802.41	53665.33	54037.37462	-372.044624	-165.874624	Varney-2018	9.555376049
604555.82	5601615.12	76.08302542	54137.1	53796.07	53658.97	54037.36782	-378.3978233	-172.2278233	Varney-2018	3.202176716
604556.91	5601612.92	75.87282882	54137.09	53787.64	53650.55	54037.36675	-386.8167509	-180.6467509	Varney-2018	-5.216750891
604557.8	5601610.59	75.6793423	54137.07	53783.53	53646.46	54037.3643	-390.9042992	-184.7342992	Varney-2018	-9.304299178
604557.91	5601610.23	75.65248568	54137.07	53783.06	53645.99	54037.36378	-391.3737833	-185.2037833	Varney-2018	-9.773783258
604560.49	5601609.2	75.32413967	54137.08	53775.23	53638.15	54037.37363	-399.2236325	-193.0536325	Varney-2018	-17.62363255
604561.83	5601607.9	75.12226558	54137.08	53773.44	53636.36	54037.37649	-401.0164888	-194.8464888	Varney-2018	-19.41648877
604561.91	5601606.29	75.04760171	54137.09	53774.85	53637.76	54037.37213	-399.6121297	-193.4421297	Varney-2018	-18.01212965
604561.87	5601605.43	75.01691231	54137.14	53767.34	53630.2	54037.36939	-407.1693874	-200.9993874	Varney-2018	-25.56938735
604562.43	5601603.72	74.884758	54137.2	53763.21	53626.01	54037.36714	-411.3571354	-205.1871354	Varney-2018	-29.75713539
604562.66	5601602.96	74.82809992	54137.24	53770.51	53633.27	54037.36604	-404.0960406	-197.9260406	Varney-2018	-22.49604061
604563.25	5601601.33	74.69576905	54137.28	53776.98	53639.7	54037.36418	-397.6641781	-191.4941781	Varney-2018	-16.06417815
604563.28	5601600.47	74.65724579	54137.28	53795.34	53658.06	54037.36179	-379.3017875	-173.1317875	Varney-2018	2.298212549
604562.74	5601600.94	74.7366023	54137.27	53814.68	53677.41	54037.36047	-359.9504717	-153.7804717	Varney-2018	21.64952828
604566.59	5601597.01	74.14660965	54137.19	53841.71	53704.52	54037.36816	-332.8481553	-126.6781553	Varney-2018	48.75184472
604566.73	5601596.41	74.10636964	54137.11	53864.44	53727.33	54037.36709	-310.0370865	-103.8670865	Varney-2018	71.56291355
604567.79	5601595.37	73.94541326	54137.05	53885.22	53748.17	54037.36933	-289.1993324	-83.02933236	Varney-2018	92.40066764
604567.93	5601594.12	73.87842256	54136.99	53899.83	53762.84	54037.36635	-274.5263473	-68.35634726	Varney-2018	107.0736527
604568.5	5601592.93	73.76586631	54137.02	53918.25	53781.23	54037.3657	-256.1356966	-49.96569664	Varney-2018	125.4643034
604569.35	5601593.31	73.68658589	54137.05	53931.62	53794.57	54037.37108	-242.801081	-36.63108105	Varney-2018	138.798919
604571.83	5601590.71	73.30242819	54137.11	53941.45	53804.34	54037.37586	-233.0358629	-26.86586288	Varney-2018	148.5641371
604572.54	5601589.4	73.16900243	54137.17	53948.19	53811.02	54037.37557	-226.3555687	-20.1855687	Varney-2018	155.2444313
604573.37	5601588.6	73.04314895	54137.18	53955.17	53817.99	54037.37738	-219.3873805	-13.21738047	Varney-2018	162.2126195
604574.47	5601587.31	72.86677108	54137.19	53960.85	53823.66	54037.37911	-213.7191077	-7.549107666	Varney-2018	167.8808923
604574.44	5601586.69	72.84448676	54137.12	53964.38	53827.26	54037.37713	-210.1171325	-3.947132479	Varney-2018	171.4828675
604574.52	5601587.5	72.86903478	54137.05	53964.7	53827.65	54037.37992	-209.7299179	-3.559917902	Varney-2018	171.8700821
604574.25	5601588.27	72.93108277	54136.97	53962.51	53825.54	54037.38083	-211.8408279	-5.670827942	Varney-2018	169.7591721
604574.11	5601587.86	72.92979168	54136.89	53962.06	53825.17	54037.37892	-212.2089183	-6.038918253	Varney-2018	169.3910817
604573.88	5601587.6	72.94477523	54136.9	53963.49	53826.59	54037.377	-210.7869979	-4.616997928	Varney-2018	170.8130021
604573.57	5601587.51	72.97573967	54136.92	53962.88	53825.96	54037.37518	-211.4151761	-5.245176099	Varney-2018	170.1848239
604573.41	5601587.19	72.9804204	54137	53967.05	53830.05	54037.37343	-207.3234305	-1.153430491	Varney-2018	174.2765695

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604573.01	5601586.59	73.00040003	54137.08	53967.62	53830.54	54037.36965	-206.8296549	-0.659654852	Varney-2018	174.7703451
604574.5	5601584.86	72.76208459	54137.16	53969.67	53832.51	54037.37205	-204.8620487	1.307951262	Varney-2018	176.7379513
604575.26	5601583.97	72.64013449	54137.24	53974.01	53836.77	54037.37325	-200.6032496	5.566750427	Varney-2018	180.9967504
604577.18	5601583.03	72.38606445	54137.23	53969.5	53832.27	54037.38014	-205.1101362	1.059863784	Varney-2018	176.4898638
604579.76	5601582.5	72.07490617	54137.22	53971.12	53833.9	54037.39155	-203.4915494	2.678450554	Varney-2018	178.1084506
604575.33	5601583.67	72.61987493	54137.13	53969.73	53832.6	54037.37272	-204.7727189	1.397281146	Varney-2018	176.8272811
604577.61	5601582.94	72.33414319	54137.04	53968.49	53831.45	54037.38203	-205.9320333	0.237966679	Varney-2018	175.6679667
604581.56	5601580.39	71.78528902	54136.96	53969.3	53832.34	54037.39441	-205.0544059	1.115594084	Varney-2018	176.5455941
604582.07	5601580.3	71.72433275	54136.88	53969.06	53832.18	54037.39671	-205.216707	0.953292959	Varney-2018	176.383293
604584.61	5601579.01	71.38553742	54136.86	53968.48	53831.62	54037.4057	-205.7857009	0.384299055	Varney-2018	175.8142991
604584.11	5601578.47	71.41910878	54136.83	53972.77	53835.94	54037.4016	-201.4616017	4.708398293	Varney-2018	180.1383983
604584.54	5601577.81	71.34328094	54136.86	53985.69	53848.83	54037.40183	-188.5718303	17.59816973	Varney-2018	193.0281697
604584.23	5601577.4	71.360969	54136.9	53985.06	53848.16	54037.39907	-189.2390679	16.93093212	Varney-2018	192.3609321
604583.87	5601577.31	71.39763722	54136.94	53983.69	53846.75	54037.39699	-190.646992	15.52300798	Varney-2018	190.953008
604583.52	5601577.23	71.43360226	54136.99	53973.8	53836.81	54037.395	-200.5849958	5.585004232	Varney-2018	181.0150042
604585.6	5601576.65	71.17578045	54136.99	53968.26	53831.27	54037.40376	-206.133765	0.036235035	Varney-2018	175.466235
604584	5601577.15	71.37636094	54136.98	53962.8	53825.82	54037.39718	-211.5771771	-5.407177113	Varney-2018	170.0228229
604583.94	5601577.57	71.40062812	54136.97	53960.91	53823.94	54037.39811	-213.4581068	-7.288106848	Varney-2018	168.1418932
604585.38	5601577.25	71.22556699	54136.95	53954.93	53817.98	54037.40442	-219.4244162	-13.25441622	Varney-2018	162.1755838
604586.02	5601575.63	71.08595054	54136.92	53951.67	53814.75	54037.40289	-222.6528901	-16.48289008	Varney-2018	158.9471099
604586.44	5601575.06	71.01491266	54136.89	53949.85	53812.96	54037.40333	-224.4433346	-18.27333462	Varney-2018	157.1566654
604587.36	5601572.48	70.80348827	54136.89	53941.85	53804.96	54037.40041	-232.4404103	-26.27041028	Varney-2018	149.1595897
604587.42	5601573.13	70.82395803	54136.88	53932.07	53795.19	54037.40262	-242.2126164	-36.04261644	Varney-2018	139.3873836
604589.24	5601571.81	70.56390926	54136.89	53931.62	53794.73	54037.40792	-242.6779211	-36.50792109	Varney-2018	138.9220789
604590.85	5601571.7	70.37871447	54136.91	53922.52	53785.61	54037.4157	-251.8056969	-45.63569688	Varney-2018	129.7943031
604591.85	5601572.25	70.28875368	54136.92	53925.37	53788.45	54037.42236	-248.9723595	-42.80235955	Varney-2018	132.6276405
604594.78	5601569.82	69.87201771	54136.94	53915.54	53778.6	54037.42962	-258.8296167	-52.65961666	Varney-2018	122.7703833
604593.44	5601568.54	69.97665004	54136.97	53914.4	53777.43	54037.41892	-259.9889172	-53.81891719	Varney-2018	121.6110828
604593.66	5601567.47	69.91484025	54137.01	53896.38	53759.37	54037.41669	-278.0466861	-71.8766861	Varney-2018	103.5533139
604595.25	5601565.65	69.67698759	54137.03	53884.19	53747.16	54037.41891	-290.2589094	-84.08890941	Varney-2018	91.34109059
604595.85	5601563.65	69.54341834	54137.06	53877.05	53739.99	54037.41561	-297.4256054	-91.25560541	Varney-2018	84.17439459
604596.61	5601562.6	69.42563265	54137.03	53881.53	53744.5	54037.41605	-292.9160493	-86.7460493	Varney-2018	88.6839507
604598.27	5601562.24	69.23433915	54136.99	53885.13	53748.14	54037.42308	-289.2830796	-83.11307957	Varney-2018	92.31692043
604600.27	5601561.41	68.99201776	54136.94	53890.67	53753.73	54037.43026	-283.7002632	-77.53026316	Varney-2018	97.89973684
604602.85	5601559.78	68.66465651	54136.88	53892.07	53755.19	54037.43766	-282.2476622	-76.07766216	Varney-2018	99.35233784
604603.51	5601559.22	68.57722797	54136.87	53893.94	53757.07	54037.43907	-280.3690749	-74.19907487	Varney-2018	101.2309251
604604.08	5601557.64	68.46912395	54136.85	53896.42	53759.57	54037.43673	-277.8667304	-71.69673042	Varney-2018	103.7332696
604605.13	5601556.25	68.3170714	54136.87	53891.28	53754.41	54037.43731	-283.0273054	-76.85730544	Varney-2018	98.57269456
604606.64	5601553.48	68.07865719	54136.9	53875.54	53738.64	54037.43554	-298.7955412	-92.62554122	Varney-2018	82.80445878
604606.84	5601552.7	68.03553113	54136.94	53865.38	53728.44	54037.43394	-308.9939449	-102.8239449	Varney-2018	72.60605507
604606.94	5601550.58	67.96449546	54136.98	53864.12	53727.14	54037.42747	-310.28747	-104.11747	Varney-2018	71.31252997
604607.2	5601549.63	67.9107887	54137.03	53866.17	53729.14	54037.42559	-308.2855909	-102.1155909	Varney-2018	73.31440913
604606	5601548.76	68.00784178	54137.08	53878.11	53741.03	54037.41704	-296.3870364	-90.21703643	Varney-2018	85.21296357
604605.81	5601546.14	67.95071734	54137.11	53895.58	53758.47	54037.40758	-278.9375768	-72.76757677	Varney-2018	102.6624232
604605.63	5601545.21	67.94156562	54137.14	53908.74	53771.6	54037.40369	-265.8036926	-59.6336926	Varney-2018	115.7963074
604606.16	5601544.24	67.86051267	54137.15	53923.3	53786.15	54037.40301	-251.2530127	-45.0830127	Varney-2018	130.3469873
604605.86	5601543.49	67.86847279	54137.16	53926.41	53789.25	54037.39916	-248.1491553	-41.97915529	Varney-2018	133.4508447
604606.07	5601541.95	67.80294877	54137.16	53934.81	53797.65	54037.3951	-239.7451033	-33.5751033	Varney-2018	141.8548967
604606.25	5601539.24	67.70677935	54137.17	53940.92	53803.75	54037.38708	-233.6370758	-27.46707584	Varney-2018	147.9629242
604607.36	5601538.95	67.59085219	54137.16	53941.73	53804.57	54037.39126	-232.8212597	-26.65125969	Varney-2018	148.7787403
604608.92	5601540.76	67.48984214	54137.14	53944.82	53807.68	54037.40446	-229.7244562	-23.55445621	Varney-2018	151.8755438
604609.28	5601541.36	67.47116651	54137.1	53945.01	53807.91	54037.40812	-229.4981151	-23.32811514	Varney-2018	152.1018849
604609.45	5601542.12	67.47535289	54137.05	53944.53	53807.48	54037.41142	-229.9314237	-23.7614237	Varney-2018	151.6685763
604609.3	5601542.36	67.4967116	54137.04	53944.12	53807.08	54037.41152	-230.3315186	-24.16151856	Varney-2018	151.2684814
604609.23	5601542.53	67.50828799	54137.02	53944.5	53807.48	54037.41175	-229.9317545	-23.76175447	Varney-2018	151.6682455
604609.13	5601542.56	67.51897336	54137.06	53946.07	53809.01	54037.41139	-228.4013868	-22.23138679	Varney-2018	153.1986132
604610.17	5601540.95	67.37282059	54137.1	53938.34	53801.24	54037.4109	-236.1708959	-30.00089588	Varney-2018	145.4291041
604610.49	5601539.96	67.31484684	54137.15	53931.36	53794.21	54037.40909	-243.1990915	-37.02909154	Varney-2018	138.4009085
604612.49	5601539.84	67.11701995	54137.2	53921.44	53784.24	54037.41796	-253.177963	-47.00796304	Varney-2018	128.422037
604614.04	5601540.22	66.97580397	54137.2	53913.99	53776.79	54037.42643	-260.6364284	-54.46642839	Varney-2018	120.9635716
604614.83	5601540.58	66.9077505	54137.2	53905.89	53768.69	54037.43131	-268.7413109	-62.57131092	Varney-2018	112.8586891
604616.5	5601541.06	66.7562332	54137.16	53886.97	53749.81	54037.4407	-287.6307	-81.46070005	Varney-2018	93.96929995
604617.99	5601541.98	66.63189379	54137.12	53879.2	53742.08	54037.45078	-295.3707761	-89.20077606	Varney-2018	86.22922394
604620	5601542.2	66.57949256	54137.11	53873.68	53736.57	54037.45718	-300.8871832	-94.71718324	Varney-2018	80.71281676

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604618.99	5601545.37	66.61118204	54137.1	53876	53738.9	54037.46708	-298.5670753	-92.39707533	Varney-2018	83.03292467
604618.17	5601547.35	66.73922394	54137.17	53868.45	53731.28	54037.46999	-306.1899934	-100.0199934	Varney-2018	75.41000658
604623.8	5601542.37	67.09792599	54137.24	53851.99	53714.75	54037.45192	-322.701919	-116.531919	Varney-2018	58.89808097
604625.62	5601543.85	67.37934603	54137.32	53834.17	53696.85	54037.45417	-340.6041695	-134.4341695	Varney-2018	40.99583053
604628.74	5601539.83	67.70564281	54137.41	53835.7	53698.29	54037.43568	-339.1456785	-132.9756785	Varney-2018	42.45432155
604629.08	5601539.49	67.74334183	54137.44	53833.31	53695.87	54037.434	-341.5640028	-135.3940028	Varney-2018	40.03599716
604628.89	5601536.84	67.65377474	54137.47	53831.19	53693.72	54037.42528	-343.7052827	-137.5352827	Varney-2018	37.89471726
604628.57	5601536.67	67.60661655	54137.43	53824.96	53687.53	54037.42519	-349.8951899	-143.7251899	Varney-2018	31.70481006
604628.27	5601537.06	67.57562105	54137.39	53823.59	53686.2	54037.42697	-351.2269719	-145.0569719	Varney-2018	30.37302815
604628	5601535.86	67.51049024	54137.31	53822.42	53685.11	54037.4233	-352.3132973	-146.1432973	Varney-2018	29.28670273
604628.32	5601535.09	67.53500145	54137.22	53823.09	53685.87	54037.42019	-351.5501932	-145.3801932	Varney-2018	30.04980677
604629.03	5601533.48	67.59149809	54137.17	53812.97	53675.8	54037.41365	-361.6136478	-155.4436478	Varney-2018	19.98635221
604629.48	5601531.86	67.61261252	54137.12	53811	53673.88	54037.40747	-363.5274668	-157.3574668	Varney-2018	18.07253325
604630.2	5601529.91	67.66155251	54137.11	53806.77	53669.66	54037.39977	-367.7397687	-161.5697687	Varney-2018	13.8602313
604629.65	5601528.05	67.54302768	54137.09	53812.63	53675.54	54037.39427	-361.8542692	-155.6842692	Varney-2018	19.74573077
604629.31	5601526.44	67.45878222	54137.11	53820.9	53683.79	54037.3893	-353.5993016	-147.4293016	Varney-2018	28.00069843
604628.86	5601525.08	67.36612468	54137.14	53825.61	53688.47	54037.38534	-348.9153412	-142.7453412	Varney-2018	32.68465879
604629.28	5601524.84	67.41610402	54137.21	53823.57	53686.36	54037.38391	-351.0239081	-144.8539081	Varney-2018	30.57609192
604629.37	5601524.01	67.40797376	54137.28	53815.78	53678.5	54037.38096	-358.8809553	-152.7109553	Varney-2018	22.71904468
604629.38	5601524.12	67.41196173	54137.34	53816.71	53679.37	54037.38131	-358.0113145	-151.8413145	Varney-2018	23.58868554
604629.44	5601524.69	67.43371816	54137.41	53819.53	53682.12	54037.38316	-355.2631633	-149.0931633	Varney-2018	26.33683668
604631.47	5601523.88	67.68336281	54137.43	53819.23	53681.8	54037.37744	-355.5774362	-149.4074362	Varney-2018	26.02256376
604631.7	5601523.76	67.71092378	54137.45	53818.93	53681.48	54037.37669	-355.8966925	-149.7266925	Varney-2018	25.70330747
604631.36	5601523.79	67.66656865	54137.41	53818.88	53681.47	54037.37729	-355.9072923	-149.7372923	Varney-2018	25.69270769
604631.48	5601522.87	67.65993411	54137.37	53818.7	53681.33	54037.374	-356.0439979	-149.8739979	Varney-2018	25.55600214
604631.47	5601522.06	67.63875743	54137.33	53818.59	53681.26	54037.37127	-356.1112667	-149.9412667	Varney-2018	25.48873333
604630.57	5601521.27	67.50037652	54137.28	53816.84	53679.56	54037.3699	-357.8098982	-151.6398982	Varney-2018	23.79010185
604631.09	5601519.92	67.53613378	54137.25	53809.44	53672.19	54037.36456	-365.1745632	-159.0045632	Varney-2018	16.42543683
604632.46	5601520.66	67.73527612	54137.21	53816.6	53679.39	54037.36508	-357.9750828	-151.8050828	Varney-2018	23.6249172
604633.62	5601521.04	67.89800832	54137.2	53821.04	53683.84	54037.36468	-353.5246827	-147.3546827	Varney-2018	28.07531727
604633.7	5601520.45	67.89392759	54137.19	53819.04	53681.85	54037.36257	-355.5125716	-149.3425716	Varney-2018	26.08742838
604633.48	5601519.06	67.83037501	54137.2	53805.32	53668.12	54037.35819	-369.2381902	-163.0681902	Varney-2018	12.36180981
604632.15	5601517.86	67.62539957	54137.22	53804.4	53667.18	54037.35605	-370.176049	-164.006049	Varney-2018	11.423951
604632.6	5601517.49	67.675548	54137.27	53809.14	53671.87	54037.35415	-365.4841478	-159.3141478	Varney-2018	16.11585222
604633.1	5601517.62	67.74460403	54137.32	53818.41	53681.09	54037.35387	-356.2638677	-150.0938677	Varney-2018	25.33613235
604633.13	5601516.17	67.7126564	54137.4	53821.05	53683.65	54037.34892	-353.6989187	-147.5289187	Varney-2018	27.90108131
604633.03	5601515.41	67.68070422	54137.49	53821.69	53684.2	54037.34649	-353.1464906	-146.9764906	Varney-2018	28.45350944
604633.62	5601514.1	67.72568024	54137.55	53823.4	53685.85	54037.34122	-351.4912163	-145.3212163	Varney-2018	30.10878366
604632.77	5601512.28	67.56922741	54137.61	53824.29	53686.68	54037.33627	-350.6562686	-144.4862686	Varney-2018	30.94373137
604633.41	5601513.05	67.67209547	54137.62	53823.27	53685.65	54037.33796	-351.6879646	-145.5179646	Varney-2018	29.91203538
604633.84	5601511.93	67.70058186	54137.63	53824.86	53687.23	54037.33357	-350.1035669	-143.9335669	Varney-2018	31.49643306
604634.4	5601510.35	67.7344351	54137.62	53812.86	53675.24	54037.32744	-362.0874354	-155.9174354	Varney-2018	19.51256463
604634.47	5601509.71	67.72760385	54137.61	53814.86	53677.25	54037.32517	-360.0751747	-153.9051747	Varney-2018	21.52482532
604635.2	5601509.7	67.82262443	54137.6	53816.97	53679.37	54037.32411	-357.9541124	-151.7841124	Varney-2018	23.6458876
604636.53	5601508.49	67.96562471	54137.59	53817.2	53679.61	54037.31816	-357.7081611	-151.5381611	Varney-2018	23.89183885
604637.71	5601508.4	68.11711872	54137.6	53817.01	53679.41	54037.3162	-357.9062015	-151.7362015	Varney-2018	23.69379854
604639.23	5601507.26	68.28592556	54137.62	53811.18	53673.56	54037.31024	-363.7502385	-157.5802385	Varney-2018	17.84976148
604640.78	5601506.69	68.47287763	54137.64	53809.96	53672.32	54037.30616	-364.9861586	-158.8161586	Varney-2018	16.61384135
604641.67	5601504.91	68.54227684	54137.66	53809.45	53671.79	54037.29895	-365.5089537	-159.3389537	Varney-2018	16.09104635
604639.8	5601503.96	68.27510223	54137.68	53808.35	53670.67	54037.29836	-366.6283638	-160.4583638	Varney-2018	14.97163624
604639.67	5601503.29	68.24100306	54137.7	53811.48	53673.78	54037.29629	-363.5162946	-157.3462946	Varney-2018	18.08370541
604639.96	5601502.22	68.25098364	54137.73	53805.06	53667.33	54037.2923	-369.9623024	-163.7923024	Varney-2018	11.63769762
604640.69	5601500.85	68.30996189	54137.76	53811.17	53673.41	54037.2867	-363.8767017	-157.7067017	Varney-2018	17.72329826
604641.43	5601499.89	68.38059103	54137.81	53820.23	53682.42	54037.28247	-354.862469	-148.692469	Varney-2018	26.73753101
604640.37	5601497.75	68.18850757	54137.86	53822.92	53685.06	54037.27674	-352.2167425	-146.0467425	Varney-2018	29.38325755
604641.42	5601496.35	68.28725425	54137.88	53828.35	53690.47	54037.27062	-346.8006226	-140.6306226	Varney-2018	34.79937735
604641.73	5601496.1	68.32057822	54137.9	53835.68	53697.78	54037.26937	-339.4893651	-133.3193651	Varney-2018	42.1106349
604642	5601495.78	68.34760537	54137.9	53828.2	53690.3	54037.26791	-346.9679097	-140.7979097	Varney-2018	34.63209034
604643.29	5601495.26	68.50218285	54137.91	53840.19	53702.28	54037.26436	-334.9843568	-128.8143568	Varney-2018	46.61564321
604645.47	5601494.97	68.77473926	54137.87	53829.33	53691.46	54037.26043	-345.8004307	-139.6304307	Varney-2018	35.79956926
604645.95	5601494.35	68.82192658	54137.83	53828.54	53690.71	54037.25766	-346.5476596	-140.3776596	Varney-2018	35.05234037
604647.32	5601495.97	69.03520724	54137.81	53826.93	53689.12	54037.26136	-348.1413595	-141.9713595	Varney-2018	33.45864048
604647.86	5601497.78	69.15338106	54137.79	53825.29	53687.5	54037.26665	-349.7666458	-143.5966458	Varney-2018	31.83335416
604647.89	5601496.88	69.132967	54137.78	53823.2	53685.42	54037.26361	-351.8436129	-145.6736129	Varney-2018	29.75638708

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604648.44	5601496.46	69.19232436	54137.77	53818.52	53680.75	54037.26147	-356.5114707	-150.3414707	Varney-2018	25.08852929
604649.66	5601496.43	69.34830151	54137.79	53810.52	53672.73	54037.25972	-364.5297166	-158.3597166	Varney-2018	17.07028337
604650.06	5601495.85	69.38396482	54137.81	53810.18	53672.37	54037.25725	-364.8872486	-158.7172486	Varney-2018	16.71275141
604650.72	5601495.5	69.45964136	54137.83	53805.76	53667.93	54037.25518	-369.3251821	-163.1551821	Varney-2018	12.27481789
604651.67	5601493.91	69.53924311	54137.85	53808.05	53670.2	54037.2486	-367.0485973	-160.8785973	Varney-2018	14.55140275
604653.79	5601490.17	69.70457136	54137.85	53807.79	53669.94	54037.23345	-367.2934543	-161.1234543	Varney-2018	14.30654567
604655.31	5601490.32	69.89855394	54137.86	53808.68	53670.82	54037.23204	-366.4120352	-160.2420352	Varney-2018	15.18796478
604655.8	5601490.83	69.97461221	54137.85	53811.88	53674.03	54037.23308	-363.203084	-157.033084	Varney-2018	18.39691596
604656.55	5601490.54	70.05991267	54137.84	53814.87	53677.03	54037.23119	-360.2011895	-154.0311895	Varney-2018	21.39881053
604657.28	5601489.51	70.12015896	54137.84	53812.22	53674.38	54037.22693	-362.8469288	-156.6769288	Varney-2018	18.75307118
604658.77	5601488.73	70.28121568	54137.84	53818.35	53680.51	54037.22256	-356.7125643	-150.5425643	Varney-2018	24.88743568
604660.51	5601488.63	70.4935023	54137.86	53827.35	53689.49	54037.2201	-347.7301013	-141.5601013	Varney-2018	33.86989867
604661.15	5601487.59	70.53884261	54137.88	53827.57	53689.69	54037.21601	-347.5260109	-141.3560109	Varney-2018	34.07398906
604662.03	5601486.53	70.61205936	54137.89	53819.1	53681.21	54037.21159	-356.001593	-149.831593	Varney-2018	25.598407
604662.68	5601485.45	70.65540556	54137.9	53813.86	53675.96	54037.20741	-361.2474144	-155.0774144	Varney-2018	20.35258556
604662.32	5601483.68	70.55258067	54137.94	53812.63	53674.69	54037.20225	-362.5122521	-156.3422521	Varney-2018	19.08774786
604661.45	5601482.11	70.39618336	54137.98	53810.64	53672.66	54037.19827	-364.5382719	-158.3682719	Varney-2018	17.06172812
604661.74	5601480.73	70.38539086	54137.99	53814.39	53676.4	54037.19358	-360.7935783	-154.6235783	Varney-2018	20.80642167
604662.23	5601478.99	70.38568036	54138	53811.23	53673.23	54037.18755	-363.957547	-157.787547	Varney-2018	17.64245297
604662.16	5601476.69	70.30102457	54138	53813.87	53675.87	54037.18036	-361.3103569	-155.1403569	Varney-2018	20.28964309
604660.5	5601475.03	70.05480905	54138.01	53813.79	53675.78	54037.17677	-361.3967736	-155.2267736	Varney-2018	20.20322636
604659.55	5601474.01	69.91327838	54137.98	53810.5	53672.52	54037.17446	-364.6544567	-158.4844567	Varney-2018	16.94554329
604658.67	5601473.07	69.7834316	54137.95	53813.07	53675.12	54037.1723	-362.0522968	-155.8822968	Varney-2018	19.54770324
604657.85	5601472.31	69.66692179	54137.93	53807.39	53669.46	54037.17063	-367.7106334	-161.5406334	Varney-2018	13.88936659
604657.88	5601470.47	69.61421884	54137.91	53805.94	53668.03	54037.16466	-369.1346593	-162.9646593	Varney-2018	12.46534065
604657.65	5601469.23	69.55079054	54137.92	53812.15	53674.23	54037.16086	-362.93086	-156.76086	Varney-2018	18.66913999
604658.9	5601467.15	69.62524825	54137.94	53809.6	53671.66	54037.15305	-365.493048	-159.323048	Varney-2018	16.10695202
604659.01	5601466.09	69.60426849	54137.99	53812.79	53674.8	54037.14955	-362.3495479	-156.1795479	Varney-2018	19.25045211
604659.41	5601466.12	69.64896504	54138.04	53809.74	53671.7	54037.1493	-365.4493047	-159.2793047	Varney-2018	16.15069531
604659.52	5601465.76	69.64964489	54138.08	53809.01	53670.93	54037.14806	-366.2180581	-160.0480581	Varney-2018	15.38194192
604657.94	5601466.1	69.4875359	54138.13	53810.35	53672.22	54037.15049	-364.930488	-158.760488	Varney-2018	16.66951202
604655.49	5601467.56	69.2618229	54138.14	53808.02	53669.88	54037.15734	-367.2773437	-161.1073437	Varney-2018	14.32265626
604662.05	5601463.91	69.86450594	54138.16	53809.21	53671.05	54037.14008	-366.0900789	-159.9200789	Varney-2018	15.50992115
604661.57	5601464.27	69.82449775	54138.15	53809.41	53671.26	54037.14161	-365.8816091	-159.7116091	Varney-2018	15.71839095
604661.19	5601464.65	69.79576558	54138.13	53809.31	53671.18	54037.14313	-365.9631263	-159.7931263	Varney-2018	15.63687375
604661.68	5601464.52	69.84463174	54138.1	53809.29	53671.19	54037.14231	-365.9523108	-159.7823108	Varney-2018	15.64768918
604662.4	5601463.37	69.88427627	54138.06	53809.76	53671.7	54037.13809	-365.4380914	-159.2680914	Varney-2018	16.16190862
604664.35	5601462.6	70.06751665	54138.05	53812.54	53674.49	54037.13412	-362.6441234	-156.4741234	Varney-2018	18.95587661
604664.11	5601461.4	70.00043253	54138.04	53812.28	53674.24	54037.13056	-362.8905621	-156.7205621	Varney-2018	18.70943788
604663.96	5601460.58	69.95628549	54138.05	53808.95	53670.9	54037.12811	-366.2281124	-160.0581124	Varney-2018	15.37188761
604663.46	5601459.79	69.87645017	54138.07	53805.37	53667.3	54037.12601	-369.8260119	-163.6560119	Varney-2018	11.77398805
604663.25	5601459.65	69.84957648	54138.1	53808.52	53670.42	54037.12573	-366.7057281	-160.5357281	Varney-2018	14.89427195
604663.49	5601459.44	69.86768383	54138.14	53803.41	53665.27	54037.12489	-371.8548921	-165.6848921	Varney-2018	9.745107931
604663.94	5601458.12	69.86963115	54138.19	53808.41	53670.22	54037.12043	-366.9004315	-160.7304315	Varney-2018	14.69956853
604665.32	5601456.66	69.96208652	54138.24	53805.82	53667.58	54037.11491	-369.5349138	-163.3649138	Varney-2018	12.06508618
604668.07	5601457.59	70.28072294	54138.31	53807.74	53669.43	54037.11586	-367.6858648	-161.5158648	Varney-2018	13.91413516
604668.3	5601457.33	70.29497155	54138.38	53804.94	53666.56	54037.11491	-370.5549087	-164.3849087	Varney-2018	11.04509131
604668.85	5601456.5	70.32092387	54138.44	53806.13	53667.69	54037.112	-369.4219963	-163.2519963	Varney-2018	12.17800373
604668.41	5601455.44	70.23603807	54138.5	53803.43	53664.93	54037.10906	-372.1790622	-166.0090622	Varney-2018	9.420937813
604669.65	5601453.87	70.30354657	54138.52	53804.98	53666.46	54037.10347	-370.6434745	-164.4734745	Varney-2018	10.95652553
604669.62	5601453.02	70.2682034	54138.54	53807.84	53669.3	54037.10092	-367.8009164	-161.6309164	Varney-2018	13.79908361
604670.1	5601451.97	70.27647895	54138.52	53809.51	53670.99	54037.09744	-366.1074404	-159.9374404	Varney-2018	15.49255965
604669.62	5601452.41	70.24502621	54138.5	53811.2	53672.7	54037.09907	-364.3990668	-158.2290668	Varney-2018	17.20093322
604668.81	5601450.43	70.08930464	54138.47	53810.16	53671.69	54037.09354	-365.4035352	-159.2335352	Varney-2018	16.19646478
604669.56	5601448.9	70.10575883	54138.44	53808.38	53669.94	54037.08846	-367.1484574	-160.9784574	Varney-2018	14.45154263
604670.75	5601447.33	70.16206007	54138.44	53803.75	53665.31	54037.08306	-371.7730643	-165.6030643	Varney-2018	9.826935695
604672.14	5601445.54	70.22653674	54138.45	53808.57	53670.12	54037.07698	-366.9569762	-160.7869762	Varney-2018	14.64302378
604672.59	5601444.15	70.21439483	54138.49	53808.18	53669.69	54037.07261	-367.3826066	-161.2126066	Varney-2018	14.21739341
604674.21	5601443.33	70.33531121	54138.53	53819.06	53680.53	54037.06941	-356.5394124	-150.3694124	Varney-2018	25.06058758
604673.63	5601442.25	70.23650485	54138.58	53823.18	53684.6	54037.06648	-352.4664793	-146.2964793	Varney-2018	29.13352066
604674.4	5601440.84	70.25111303	54138.63	53825.99	53687.36	54037.06198	-349.7019763	-143.5319763	Varney-2018	31.89802365
604675.16	5601439.36	70.26050228	54138.64	53817.94	53679.3	54037.05731	-357.7573085	-151.5873085	Varney-2018	23.84269153
604677.41	5601437.78	70.40026648	54138.66	53809.49	53670.83	54037.05184	-366.2218375	-160.0518375	Varney-2018	15.37816253
604676.91	5601438.03	70.36528761	54138.66	53807.36	53668.7	54037.05275	-368.3527487	-162.1827487	Varney-2018	13.24725126

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604676.42	5601438.45	70.33826313	54138.67	53804.6	53665.93	54037.05416	-371.1241563	-164.9541563	Varney-2018	10.47584365
604676.51	5601438.54	70.35033331	54138.68	53805.21	53666.53	54037.05438	-370.5243846	-164.3543846	Varney-2018	11.07561544
604676.6	5601438.43	70.35392243	54138.7	53804.65	53665.95	54037.05403	-371.1040297	-164.9340297	Varney-2018	10.49597026
604675.85	5601438.12	70.27213376	54138.7	53804.11	53665.41	54037.05341	-371.643407	-165.473407	Varney-2018	9.956593001
604675.64	5601438.57	70.27174773	54138.71	53802.34	53663.63	54037.0548	-373.4248041	-167.2548041	Varney-2018	8.175195921
604675.81	5601438.32	70.27686407	54138.7	53805.35	53666.65	54037.05401	-370.4040074	-164.2340074	Varney-2018	11.1959926
604675.88	5601438.68	70.29839705	54138.69	53802.71	53664.02	54037.05503	-373.0350343	-166.8650343	Varney-2018	8.564965664
604676.33	5601438.47	70.33085459	54138.69	53803.39	53664.7	54037.05425	-372.3542489	-166.1842489	Varney-2018	9.245751116
604677.07	5601437.15	70.34229227	54138.68	53800.89	53662.21	54037.05013	-374.840132	-168.670132	Varney-2018	6.759867982
604677.69	5601435.64	70.33347732	54138.7	53802.74	53664.04	54037.04554	-373.0055384	-166.8355384	Varney-2018	8.594461602
604677.38	5601434.91	70.27424533	54138.72	53807.01	53668.29	54037.04352	-368.7535239	-162.5835239	Varney-2018	12.8464761
604677.61	5601434.37	70.2715436	54138.75	53807.33	53668.58	54037.04189	-368.4618862	-162.2918862	Varney-2018	13.1381138
604677.27	5601433.75	70.2146588	54138.78	53804.63	53665.85	54037.04019	-371.1901922	-165.0201922	Varney-2018	10.40980776
604677.26	5601432.27	70.15031093	54138.77	53803.66	53664.89	54037.0359	-372.1458994	-165.9758994	Varney-2018	9.454100612
604676.14	5601430.76	69.98834991	54138.76	53803.74	53664.98	54037.0318	-372.0517956	-165.8817956	Varney-2018	9.548204417
604675.8	5601429.8	69.91857072	54138.69	53806.31	53667.62	54037.02907	-369.40907	-163.23907	Varney-2018	12.19092996
604675.75	5601429.24	69.89078982	54138.62	53807.83	53669.21	54037.02744	-367.8174419	-161.6474419	Varney-2018	13.78255811
604677.93	5601428.96	70.06576562	54138.58	53802.49	53663.91	54037.02615	-373.1161452	-166.9461452	Varney-2018	8.483854768
604680.09	5601426.98	70.16228237	54138.54	53800.77	53662.23	54037.02002	-374.7900207	-168.6200207	Varney-2018	6.809979293
604680.16	5601428.29	70.2267888	54138.55	53806.37	53667.82	54037.02375	-369.2037457	-163.0337457	Varney-2018	12.39625426
604680.39	5601427.9	70.22888619	54138.57	53807.05	53668.48	54037.02259	-368.5425867	-162.3725867	Varney-2018	13.05741326
604681.7	5601426.93	70.29585141	54138.62	53804.41	53665.79	54037.01958	-371.2295813	-165.0595813	Varney-2018	10.3704187
604681.02	5601427.23	70.25207813	54138.68	53806.08	53667.4	54037.02056	-369.6205583	-163.4505583	Varney-2018	11.97944174
604681.52	5601428.33	70.34451109	54138.73	53813.64	53674.91	54037.02358	-362.113577	-155.943577	Varney-2018	19.48642302
604681.31	5601428.48	70.33342983	54138.78	53810.25	53671.47	54037.02405	-365.5540457	-159.3840457	Varney-2018	16.04595425
604681.48	5601427.83	70.31831313	54138.79	53803.81	53665.02	54037.02217	-372.0021698	-165.8321698	Varney-2018	9.597830223
604682.34	5601427.67	70.38396866	54138.8	53807.94	53669.14	54037.02155	-367.8815475	-161.7115475	Varney-2018	13.71845246
604681.97	5601427.8	70.35854981	54138.77	53812.28	53673.51	54037.02199	-363.5119873	-157.3419873	Varney-2018	18.08801268
604680.75	5601428.1	70.26849733	54138.74	53816.35	53677.61	54037.02308	-359.4130832	-153.2430832	Varney-2018	22.18691684
604680.98	5601427.69	70.26951456	54138.73	53811.86	53673.13	54037.02187	-363.891872	-157.721872	Varney-2018	17.70812799
604680.49	5601427.61	70.22434956	54138.72	53818.21	53679.49	54037.02174	-357.5317408	-151.3617408	Varney-2018	24.06825921
604681.11	5601426.7	70.23565677	54138.71	53811.28	53672.57	54037.01904	-364.4490374	-158.2790374	Varney-2018	17.15096256
604681.02	5601425.42	70.17011715	54138.7	53808.78	53670.08	54037.01542	-366.9354199	-160.7654199	Varney-2018	14.66458005
604681.14	5601424.13	70.12161019	54138.71	53805.95	53667.24	54037.01174	-369.7717414	-163.6017414	Varney-2018	11.82825858
604682.58	5601423.64	70.21781992	54138.73	53807.64	53668.91	54037.01017	-368.1001664	-161.9301664	Varney-2018	13.49983362
604682.71	5601423.26	70.21089425	54138.77	53802.69	53663.92	54037.00908	-373.0890818	-166.9190818	Varney-2018	8.510918197
604683.47	5601421.91	70.20997206	54138.81	53804.42	53665.61	54037.00521	-371.3952127	-165.2252127	Varney-2018	10.2047873
604682.81	5601421.86	70.15409758	54138.86	53806.42	53667.56	54037.00514	-369.4451377	-163.2751377	Varney-2018	12.15486229
604683.75	5601421.48	70.21246983	54138.91	53803.86	53664.95	54037.00398	-372.0539841	-165.8839841	Varney-2018	9.546015851
604683.94	5601421.93	70.24905138	54138.96	53811.52	53672.56	54037.00522	-364.4452219	-158.2752219	Varney-2018	17.1547781
604684.19	5601422.46	70.29441341	54139.01	53813.44	53674.43	54037.00667	-362.5766731	-156.4066731	Varney-2018	19.02332687
604684.41	5601422.01	70.29098966	54139.02	53813.74	53674.72	54037.0054	-362.2853977	-156.1153977	Varney-2018	19.31460235
604684.57	5601422.5	70.3272827	54139.04	53816.11	53677.07	54037.00674	-359.9367431	-153.7667431	Varney-2018	21.66325694
604684.69	5601422.19	70.32230016	54139.05	53812.48	53673.43	54037.00587	-363.5758692	-157.4058692	Varney-2018	18.02413079
604684.1	5601422.77	70.3017269	54139.06	53811.38	53672.32	54037.00755	-364.6875467	-158.5175467	Varney-2018	16.91245326
604685.18	5601422.53	70.3784471	54139.04	53810.45	53671.41	54037.00676	-365.5967595	-159.4267595	Varney-2018	16.00324047
604684.56	5601421.53	70.28034878	54139.01	53812.28	53673.27	54037.00405	-363.7340487	-157.5640487	Varney-2018	17.8659513
604685.42	5601421.02	70.32539292	54139.02	53817.48	53678.46	54037.00256	-358.5425592	-152.3725592	Varney-2018	23.05744078
604686.59	5601420.36	70.3874263	54139.04	53814.38	53675.34	54037.00065	-361.6606496	-155.4906496	Varney-2018	19.93935041
604689.92	5601421.04	70.68898751	54139.09	53818.75	53679.66	54037.00223	-357.3422348	-151.1722348	Varney-2018	24.25776523
604691.17	5601419.18	70.65773511	54139.15	53823.19	53684.04	54036.99812	-352.9581162	-146.7881162	Varney-2018	28.64188384
604693.68	5601420.07	70.94021387	54139.18	53831.96	53692.78	54036.99937	-344.219372	-138.049372	Varney-2018	37.38062795
604696.24	5601420.17	71.12831491	54139.21	53829.6	53690.39	54037.00004	-346.6100428	-140.4400428	Varney-2018	34.98995718
604697.17	5601418.32	71.00778461	54139.2	53825.91	53686.71	54036.99768	-350.2876762	-144.1176762	Varney-2018	31.31232384
604697.98	5601418.1	71.03170671	54139.19	53825	53685.81	54036.99782	-351.1878161	-145.0178161	Varney-2018	30.41218392
604697.75	5601416.91	70.90269914	54139.18	53811.14	53671.96	54036.99596	-365.0359586	-158.8659586	Varney-2018	16.56404137
604696.76	5601416.09	70.76770213	54139.17	53807.19	53668.02	54036.99419	-368.9741942	-162.8041942	Varney-2018	12.62580581
604699.05	5601418.9	71.16993999	54139.19	53805.96	53666.77	54036.99958	-370.2295781	-164.0595781	Varney-2018	11.37042186
604699.53	5601418.69	71.17633003	54139.21	53803.93	53664.72	54036.99955	-372.2795459	-166.1095459	Varney-2018	9.320454087
604700.5	5601417	71.06477919	54139.24	53794.36	53655.12	54036.99767	-381.8776696	-175.7076696	Varney-2018	-0.27766959
604702.02	5601415.92	71.04304063	54139.28	53794.4	53655.12	54036.997	-381.8770045	-175.7070045	Varney-2018	-0.27700446
604702.63	5601415.7	71.05517113	54139.28	53795.92	53656.64	54036.99705	-380.3570465	-174.1870465	Varney-2018	1.2429535
604703.29	5601415	71.0225459	54139.27	53801	53661.73	54036.99644	-375.2664393	-169.0964393	Varney-2018	6.333560651
604705.01	5601413.91	71.00940532	54139.24	53808	53668.76	54036.99592	-368.2359164	-162.0659164	Varney-2018	13.36408357

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604705.76	5601413.56	71.01586222	54139.21	53811.21	53672	54036.99587	-364.9958713	-158.8258713	Varney-2018	16.60412873
604707.3	5601412.07	70.95174368	54139.19	53809.42	53670.23	54036.99472	-366.7647151	-160.5947151	Varney-2018	14.83528488
604707.51	5601412.99	71.05508496	54139.16	53800.91	53661.75	54036.99612	-375.2461216	-169.0761216	Varney-2018	6.353878402
604706.73	5601411.39	70.85284081	54139.16	53804.37	53665.21	54036.99342	-371.7834212	-165.6134212	Varney-2018	9.816578783
604707.45	5601409.8	70.73326837	54139.15	53802.85	53663.7	54036.99165	-373.2916483	-167.1216483	Varney-2018	8.30835169
604709.54	5601408.24	70.68972778	54139.17	53800.47	53661.3	54036.99079	-375.6907929	-169.5207929	Varney-2018	5.909207127
604712.14	5601406.84	70.68801549	54139.2	53804.94	53665.74	54036.99052	-371.2505215	-165.0805215	Varney-2018	10.34947854
604713.4	5601405.03	70.57201447	54139.25	53805.55	53666.3	54036.98887	-370.6888739	-164.5188739	Varney-2018	10.91112609
604713.77	5601403.11	70.39705433	54139.3	53797.85	53658.55	54036.98652	-378.4365184	-172.2665184	Varney-2018	3.163481553
604718.42	5601401.61	70.48755424	54139.36	53799.01	53659.65	54036.98761	-377.3376064	-171.1676064	Varney-2018	4.262393551
604718.71	5601402.26	70.5692912	54139.42	53808.14	53668.72	54036.98866	-368.2686596	-162.0986596	Varney-2018	13.33134044
604719.43	5601403.42	70.72602286	54139.47	53827.01	53687.54	54036.99067	-349.4506665	-143.2806665	Varney-2018	32.14933346
604719.19	5601401.94	70.56156525	54139.52	53821.23	53681.71	54036.98856	-355.2785574	-149.1085574	Varney-2018	26.32144259
604722.22	5601400.15	70.53489841	54139.48	53814.67	53675.19	54036.98826	-361.7982554	-155.6282554	Varney-2018	19.80174457
604722.12	5601398.76	70.38615931	54139.44	53809.1	53669.66	54036.98638	-367.3263804	-161.1563804	Varney-2018	14.27361961
604722.02	5601397.66	70.26742939	54139.38	53824.94	53685.56	54036.98488	-351.4248808	-145.2548808	Varney-2018	30.17511916
604721.54	5601396.3	70.10256518	54139.32	53830.43	53691.11	54036.98277	-345.8727744	-139.7027744	Varney-2018	35.72722556
604722.59	5601394.79	69.9999014	54139.28	53827.94	53688.66	54036.98155	-348.3215538	-142.1515538	Varney-2018	33.27844619
604723.76	5601394.19	69.99685402	54139.24	53820.59	53681.35	54036.98161	-355.6316133	-149.4616133	Varney-2018	25.96838673
604724.4	5601393.1	69.91596483	54139.24	53813.28	53674.04	54036.98067	-362.9406698	-156.7706698	Varney-2018	18.65933016
604725.35	5601393.14	69.96777898	54139.25	53811.16	53671.91	54036.98141	-365.0714077	-158.9014077	Varney-2018	16.5285923
604727.2	5601391.66	69.90598387	54139.26	53805.33	53666.07	54036.98087	-370.9108669	-164.7408669	Varney-2018	10.68913312
604727.34	5601389.89	69.72799626	54139.27	53810.94	53671.67	54036.97873	-365.3087254	-159.1387254	Varney-2018	16.2912746
604728.06	5601388.23	69.58982473	54139.3	53813.87	53674.57	54036.97716	-362.4071631	-156.2371631	Varney-2018	19.19283691
604727.34	5601386.78	69.40300472	54139.33	53840.72	53701.39	54036.97478	-335.5847827	-129.4147827	Varney-2018	46.01521731
604727.19	5601385.47	69.25885444	54139.34	53842.67	53703.33	54036.97301	-333.6430064	-127.4730064	Varney-2018	47.95699358
604727.25	5601384.38	69.14787627	54139.36	53831.55	53692.19	54036.97167	-344.7816702	-138.6116702	Varney-2018	36.81832984
604728.68	5601382.12	68.97981806	54139.35	53820.47	53681.12	54036.96993	-355.8499347	-149.6799347	Varney-2018	25.75006531
604729.39	5601382.53	69.05665186	54139.33	53824.7	53685.37	54036.97101	-351.6010108	-145.4310108	Varney-2018	29.99898923
604732.34	5601381.12	69.04835105	54139.32	53825.16	53685.84	54036.97159	-351.1315925	-144.9615925	Varney-2018	30.46840753
604734.31	5601381.27	69.15757329	54139.31	53823.28	53683.97	54036.97335	-353.0033464	-146.8333464	Varney-2018	28.59665364
604735.94	5601380.69	69.17305581	54139.32	53802.33	53663.01	54036.97394	-373.9639397	-167.7939397	Varney-2018	7.636060339
604737.68	5601380.86	69.27346637	54139.34	53790.63	53651.29	54036.97554	-385.6855358	-179.5155358	Varney-2018	-4.085535796
604738.94	5601380.06	69.24729881	54139.38	53795.24	53655.86	54036.97559	-381.1155854	-174.9455854	Varney-2018	0.484414575
604739.34	5601380.01	69.26077944	54139.43	53798.05	53658.62	54036.97585	-378.3558472	-172.1858472	Varney-2018	3.244152796
604740.35	5601379.41	69.24383013	54139.44	53802.19	53662.75	54036.97595	-374.2259469	-168.0559469	Varney-2018	7.374053097
604740.44	5601380.22	69.33517986	54139.46	53805.14	53665.68	54036.97698	-371.2969807	-165.1269807	Varney-2018	10.30301929
604739.94	5601380.68	69.36102756	54139.47	53806.39	53666.92	54036.97713	-370.0571266	-163.8871266	Varney-2018	11.54287336
604742.27	5601379.81	69.37719291	54139.49	53806.12	53666.63	54036.97797	-370.3479677	-164.1779677	Varney-2018	11.25203232
604743.19	5601378.61	69.29064217	54139.48	53807.64	53668.16	54036.97731	-368.817305	-162.647305	Varney-2018	12.78269499
604744.52	5601378.38	69.32789584	54139.46	53813.86	53674.4	54036.97812	-362.5781187	-156.4081187	Varney-2018	19.02188132
604745.04	5601377.13	69.21639864	54139.42	53808.18	53668.76	54036.97709	-368.2170944	-162.0470944	Varney-2018	13.38290558
604746.05	5601376.37	69.18055157	54139.37	53803.6	53664.23	54036.97705	-372.7470491	-166.5770491	Varney-2018	8.852950949
604745.25	5601374.43	68.9327045	54139.35	53803.1	53663.75	54036.97414	-373.2241438	-167.0541438	Varney-2018	8.375856238
604745.77	5601371.91	68.68233241	54139.32	53798.34	53659.02	54036.97167	-377.9516729	-171.7816729	Varney-2018	3.648327113
604747.02	5601370.99	68.63847641	54139.33	53795.82	53656.49	54036.97169	-380.4816864	-174.3116864	Varney-2018	1.118313568
604748.39	5601369.94	68.58523255	54139.35	53792.85	53653.5	54036.97167	-383.4716702	-177.3016702	Varney-2018	-1.871670248
604749.04	5601368.97	68.5080386	54139.39	53790.07	53650.68	54036.97113	-386.2911341	-180.1211341	Varney-2018	-4.691134101
604748.24	5601368.01	68.36741344	54139.44	53788.27	53648.83	54036.96934	-388.1393435	-181.9693435	Varney-2018	-6.539343513
604748.18	5601366.95	68.24882579	54139.49	53788.34	53648.85	54036.96808	-388.1180839	-181.9480839	Varney-2018	-6.518083894
604748.7	5601366.24	68.19399532	54139.55	53788.06	53648.51	54036.96774	-388.4577379	-182.2877379	Varney-2018	-6.857737911
604749.02	5601365.62	68.14010912	54139.58	53791.94	53652.36	54036.96732	-384.6073198	-178.4373198	Varney-2018	-3.007319773
604748.55	5601365.11	68.06372936	54139.61	53788.11	53648.5	54036.96632	-388.4663205	-182.2963205	Varney-2018	-6.866320484
604747.85	5601365.44	68.06926007	54139.59	53794.52	53654.93	54036.96607	-382.0360695	-175.8660695	Varney-2018	-0.436069498
604747.96	5601364.96	68.02159514	54139.57	53800.96	53661.39	54036.96562	-375.5756207	-169.4056207	Varney-2018	6.024379322
604747.88	5601364.47	67.96455241	54139.53	53795.36	53655.83	54036.96499	-381.1349901	-174.9649901	Varney-2018	0.465009929
604747.89	5601364.59	67.97810312	54139.49	53794.46	53654.97	54036.96514	-381.9951359	-175.8251359	Varney-2018	-0.395135922
604750.17	5601363.51	67.95866437	54139.48	53795.84	53656.36	54036.96597	-380.6059704	-174.4359704	Varney-2018	0.994029571
604751.95	5601362.41	67.91437232	54139.46	53806.97	53667.51	54036.96636	-369.4563567	-163.2863567	Varney-2018	12.1436433
604753.05	5601361.52	67.86331249	54139.48	53812.53	53673.05	54036.96637	-363.9163745	-157.7463745	Varney-2018	17.68362547
604753.06	5601361.27	67.83611338	54139.51	53815.69	53676.18	54036.96611	-360.7861066	-154.6161066	Varney-2018	20.81389338
604752.48	5601359.52	67.61818175	54139.55	53809.86	53670.31	54036.96363	-366.653627	-160.483627	Varney-2018	14.94637296
604752.28	5601358.89	67.54021355	54139.6	53792.63	53653.03	54036.96274	-383.9327395	-177.7627395	Varney-2018	-2.332739532
604753.22	5601359.54	67.65170627	54139.64	53791.49	53651.85	54036.96434	-385.1143381	-178.9443381	Varney-2018	-3.514338077

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604754.02	5601359.45	67.67559669	54139.68	53791.61	53651.93	54036.96498	-385.0349835	-178.8649835	Varney-2018	-3.434983508
604752.65	5601358.07	67.46527811	54139.7	53791.39	53651.69	54036.96217	-385.2721745	-179.1021745	Varney-2018	-3.672174476
604751.56	5601357.12	67.31487381	54139.72	53791.94	53652.22	54036.96009	-384.7400882	-178.5700882	Varney-2018	-3.140088171
604747.13	5601356.15	67.02405051	54139.71	53791.4	53651.69	54036.95479	-385.2647874	-179.0947874	Varney-2018	-3.66478742
604744.22	5601353.69	66.63643442	54139.69	53791.67	53651.98	54036.94916	-384.9691562	-178.7991562	Varney-2018	-3.369156165
604743.9	5601353.32	66.58323319	54139.66	53791.47	53651.81	54036.94842	-385.1384156	-178.9684156	Varney-2018	-3.538415587
604743.8	5601352.88	66.53147495	54139.62	53791.85	53652.23	54036.94781	-384.7178057	-178.5478057	Varney-2018	-3.117805703
604744.01	5601352.27	66.47391549	54139.6	53796.58	53656.98	54036.9473	-379.9672995	-173.7972995	Varney-2018	1.632700489
604744.18	5601351.76	66.42552032	54139.58	53809.6	53670.02	54036.94687	-366.9268721	-160.7568721	Varney-2018	14.67312794
604743.72	5601350.88	66.31156246	54139.58	53806.29	53666.71	54036.9454	-370.2353954	-164.0653954	Varney-2018	11.36460463
604744.16	5601350.63	66.3021861	54139.57	53813.95	53674.38	54036.94554	-362.5655377	-156.3955377	Varney-2018	19.03446234
604746.84	5601351.54	66.50926567	54139.61	53821.99	53682.38	54036.94922	-354.569224	-148.399224	Varney-2018	27.03077599
604750	5601353.48	66.8500901	54139.65	53801.13	53661.48	54036.95451	-375.4745092	-169.3045092	Varney-2018	6.125490839
604751.43	5601352.8	66.83369737	54139.68	53816.2	53676.52	54036.95513	-360.4351334	-154.2651334	Varney-2018	21.16486663
604751.81	5601351.91	66.75108878	54139.72	53851.45	53711.73	54036.95451	-325.2245096	-119.0545096	Varney-2018	56.3754904
604752.19	5601351.58	66.73009267	54139.72	53879.75	53740.03	54036.95451	-296.9245137	-90.75451374	Varney-2018	84.67548626
604754	5601351.63	66.80886293	54139.71	53907.87	53768.16	54036.95634	-268.7963429	-62.62634295	Varney-2018	112.8036571
604754.42	5601351.13	66.77044861	54139.68	53914.06	53774.38	54036.9562	-262.5762045	-56.40620451	Varney-2018	119.0237955
604754.16	5601350.85	66.72894203	54139.64	53904.63	53764.99	54036.95564	-271.9656405	-65.7956405	Varney-2018	109.6343595
604754.01	5601350.77	66.71404014	54139.66	53898.43	53758.77	54036.9554	-278.1854046	-72.0154046	Varney-2018	103.4145954
604753.66	5601350.9	66.71432935	54139.68	53891.34	53751.66	54036.9552	-285.2952034	-79.1252034	Varney-2018	96.3047966
604754.13	5601350.7	66.71111967	54139.75	53888.79	53749.04	54036.95545	-287.9154457	-81.7454457	Varney-2018	93.6845543
604755.15	5601349.64	66.63452413	54139.83	53889.82	53749.99	54036.95529	-286.9652899	-80.79528987	Varney-2018	94.63471013
604755.22	5601349.39	66.60957157	54139.9	53890.15	53750.25	54036.95509	-286.7050856	-80.53508557	Varney-2018	94.89491443
604754.79	5601349.61	66.61679408	54139.97	53890.68	53750.71	54036.9549	-286.2448998	-80.07489975	Varney-2018	95.35510025
604755.35	5601348.81	66.55036016	54139.97	53892.25	53752.28	54036.95458	-284.6745801	-78.50458012	Varney-2018	96.92541988
604754.87	5601348.49	66.49575186	54139.98	53887.36	53747.38	54036.95375	-289.5737503	-83.40375031	Varney-2018	92.02624969
604755.85	5601348.01	66.48133931	54139.91	53886.82	53746.91	54036.95421	-290.0442059	-83.87420591	Varney-2018	91.55579409
604756.82	5601347.39	66.45071777	54139.83	53896.58	53756.75	54036.95451	-280.2045054	-74.03450537	Varney-2018	101.3954946
604758.18	5601347.83	66.55356276	54139.75	53939.24	53799.49	54036.95635	-237.4663474	-31.29634743	Varney-2018	144.1336526
604759.65	5601346.81	66.49746388	54139.67	53933.88	53794.21	54036.95673	-242.7467335	-36.57673353	Varney-2018	138.8532665
604760.28	5601346.79	66.52000817	54139.62	53941.19	53801.57	54036.95735	-235.3873484	-29.21734838	Varney-2018	146.2126516
604759.17	5601347.21	66.52335172	54139.57	53950.85	53811.28	54036.95668	-225.6766771	-19.50667707	Varney-2018	155.9233229
604758.8	5601348.57	66.66087329	54139.59	53938.09	53798.5	54036.95776	-238.4577634	-32.28776341	Varney-2018	143.1422366
604758.9	5601348.42	66.64806822	54139.61	53940.46	53800.85	54036.9577	-236.1077025	-29.93770246	Varney-2018	145.4922975
604759.52	5601347.43	66.56179937	54139.68	53940.78	53801.1	54036.95726	-235.8572646	-29.68726464	Varney-2018	145.7427354
604760.28	5601348.6	66.72308022	54139.75	53943.53	53803.78	54036.95927	-233.1792736	-27.00927356	Varney-2018	148.4207264
604760.45	5601355.35	67.48742117	54139.83	53944.07	53804.24	54036.96662	-232.7266157	-26.55661568	Varney-2018	148.8733843
604764.75	5601343.59	66.35133406	54139.91	53933.58	53793.67	54036.95807	-243.2880742	-37.11807424	Varney-2018	138.3119258
604764.05	5601346.34	66.61744232	54139.96	53938	53798.04	54036.96069	-238.9206874	-32.75068735	Varney-2018	142.6793126
604764.24	5601348.17	66.83190623	54140.02	53928.41	53788.39	54036.96278	-248.5727813	-42.40278128	Varney-2018	133.0272187
604763.1	5601349.43	66.9288844	54139.99	53913.15	53773.16	54036.96296	-263.802958	-57.63295797	Varney-2018	117.797042
604761.97	5601348.79	66.81167422	54139.95	53901.85	53761.9	54036.96116	-275.0611613	-68.89116132	Varney-2018	106.5388387
604763.31	5601346.74	66.63356825	54139.9	53884.94	53745.04	54036.96036	-291.9203559	-85.75035595	Varney-2018	89.67964405
604765.8	5601344.55	66.48296966	54139.84	53870.53	53730.69	54036.96062	-306.2706168	-100.1006168	Varney-2018	75.32938321
604768.39	5601342.74	66.42669097	54139.81	53852.31	53712.5	54036.96012	-324.4601158	-118.2901158	Varney-2018	57.13988418
604769.94	5601341.84	66.41758286	54139.77	53835.59	53695.82	54036.9599	-341.1399043	-134.9699043	Varney-2018	40.46009572
604771.03	5601340.97	66.39324034	54139.79	53831.49	53691.7	54036.95927	-345.2592735	-139.0892735	Varney-2018	36.34072653
604770.31	5601341.45	66.4019707	54139.82	53835.1	53695.28	54036.9595	-341.6795026	-135.5095026	Varney-2018	39.92049741
604771.46	5601341.23	66.47360049	54139.86	53839.22	53699.36	54036.95907	-337.5990749	-131.4290749	Varney-2018	44.00092509
604771.88	5601340.56	66.50853627	54139.9	53836.73	53696.83	54036.9563	-340.1263035	-133.9563035	Varney-2018	41.47369655
604769.4	5601339.96	66.25100315	54139.91	53829.2	53689.29	54036.95562	-347.6656191	-141.4956191	Varney-2018	33.93438094
604768.98	5601340.27	66.25840893	54139.93	53826.94	53687.01	54036.95581	-349.9458126	-143.7758126	Varney-2018	31.65418743
604768.89	5601339.53	66.19753727	54139.94	53831.86	53691.92	54036.95425	-345.0342529	-138.8642529	Varney-2018	36.56574711
604769.83	5601334.95	65.88085418	54139.95	53829.45	53689.5	54036.94608	-347.4460805	-141.2760805	Varney-2018	34.15391947
604769.61	5601334.12	65.80776817	54139.97	53824.68	53684.71	54036.94421	-352.2342143	-146.0642143	Varney-2018	29.36578569
604770.63	5601332.79	65.74668899	54140	53818.62	53678.62	54036.94256	-358.3225558	-152.1525558	Varney-2018	23.27744415
604771.01	5601332.39	65.73142709	54140.03	53813.64	53673.61	54036.94212	-363.332125	-157.162125	Varney-2018	18.267875
604772.24	5601330.34	65.79247085	54140.06	53814.04	53673.98	54036.93475	-362.9547485	-156.7847485	Varney-2018	18.64525149
604772.48	5601329.76	65.79629654	54140.07	53815.31	53675.24	54036.9328	-361.6927964	-155.5227964	Varney-2018	19.90720356
604772.45	5601329.7	65.78556864	54140.09	53806.98	53666.89	54036.93278	-370.042777	-163.872777	Varney-2018	11.55722296
604772.67	5601329.41	65.80772022	54140.11	53808.32	53668.21	54036.93147	-368.7214694	-162.5514694	Varney-2018	12.87853061
604774.42	5601330.85	66.274775	54140.13	53804.83	53664.7	54036.92849	-372.2284895	-166.0584895	Varney-2018	9.371510473
604776.05	5601331.23	66.63574142	54140.16	53809.02	53668.86	54036.9238	-368.0637951	-161.8937951	Varney-2018	13.53620488

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604779.81	5601331.48	67.41994424	54140.19	53813.49	53673.3	54036.91172	-363.6117204	-157.4417204	Varney-2018	17.98827964
604781.38	5601326.8	67.36408912	54140.2	53814.28	53674.08	54036.89752	-362.8175174	-156.6475174	Varney-2018	18.78248261
604783.17	5601325.79	67.64397685	54140.21	53810.23	53670.02	54036.88969	-366.8696866	-160.6996866	Varney-2018	14.73031343
604783.46	5601325.45	67.67496714	54140.2	53810.73	53670.53	54036.88809	-366.3580861	-160.1880861	Varney-2018	15.24191386
604784.09	5601323.66	67.65693142	54140.18	53819.49	53679.31	54036.88263	-357.5726261	-151.4026261	Varney-2018	24.0273739
604784.04	5601321.67	67.4857489	54140.11	53821.09	53680.98	54036.87902	-355.8990248	-149.7290248	Varney-2018	25.70097519
604783.39	5601319.81	67.20530898	54140.03	53820.9	53680.87	54036.87762	-356.0076154	-149.8376154	Varney-2018	25.5923846
604783.71	5601318.42	67.15681483	54139.96	53820.47	53680.51	54036.87394	-356.363943	-150.193943	Varney-2018	25.23605698
604782.85	5601318.04	66.95477874	54139.88	53815.92	53676.04	54036.876	-360.836002	-154.666002	Varney-2018	20.76399803
604783.39	5601316.83	66.96460823	54139.85	53813.58	53673.73	54036.87196	-363.1419612	-156.9719612	Varney-2018	18.45803879
604783.35	5601315.54	66.85247549	54139.82	53817.47	53677.65	54036.86964	-359.219642	-153.049642	Varney-2018	22.38035798
604783.41	5601313.5	66.69959304	54139.87	53817.09	53677.22	54036.86558	-359.645579	-153.475579	Varney-2018	21.95442097
604784.39	5601313.06	66.85775076	54139.93	53812.24	53672.31	54036.86162	-364.5516175	-158.3816175	Varney-2018	17.04838245
604783.34	5601314.3	66.75035309	54140	53808.95	53668.95	54036.86732	-367.9173209	-161.7473209	Varney-2018	13.68267915
604783.36	5601313.2	66.66547474	54140.07	53806.31	53666.24	54036.86517	-370.6251694	-164.4551694	Varney-2018	10.97483056
604782.95	5601313.59	66.61586727	54140.13	53809.93	53669.8	54036.86722	-367.0672194	-160.8972194	Varney-2018	14.53278059
604781.37	5601311.95	66.17187389	54140.19	53803.81	53663.62	54036.86913	-373.2491284	-167.0791284	Varney-2018	8.350871605
604780.73	5601311.38	66.00002376	54140.18	53797.89	53657.71	54036.87007	-379.1600705	-172.9900705	Varney-2018	2.439929451
604781.49	5601311.09	66.12659204	54140.16	53799.17	53659.01	54036.8671	-377.8571015	-171.6871015	Varney-2018	3.74289853
604781.19	5601310.63	66.03063624	54140.11	53790.12	53650.01	54036.86717	-386.8571727	-180.6871727	Varney-2018	-5.257172678
604781.4	5601308.92	65.93491699	54140.06	53790.78	53650.72	54036.86323	-386.1432344	-179.9732344	Varney-2018	-4.543234405
604782.2	5601307.64	65.98909859	54140.03	53789.12	53649.09	54036.85827	-387.768268	-181.598268	Varney-2018	-6.168267993
604781.67	5601307.48	65.8723915	54139.99	53789.08	53649.09	54036.85963	-387.7696296	-181.5996296	Varney-2018	-6.169629569
604779.95	5601306.44	65.4524961	54139.97	53788.11	53648.14	54036.86304	-388.7230359	-182.5530359	Varney-2018	-7.123035919
604781.92	5601304.65	65.69407427	54139.95	53796.89	53656.94	54036.85344	-379.9134396	-173.7434396	Varney-2018	1.686560384
604784.5	5601304.84	66.21272692	54139.98	53797.24	53657.26	54036.84574	-379.5857448	-173.4157448	Varney-2018	2.014255222
604785.33	5601304.14	66.31771088	54140.02	53795.87	53655.85	54036.84184	-380.9918355	-174.8218355	Varney-2018	0.608164459
604789.09	5601300.89	66.78229019	54140.08	53796.66	53656.58	54036.8241	-380.2440995	-174.0740995	Varney-2018	1.355900508
604788.65	5601300.38	66.65495472	54140.14	53793.21	53653.07	54036.82451	-383.7545137	-177.5845137	Varney-2018	-2.154513728
604788.1	5601301.72	66.65858514	54140.19	53799.67	53659.48	54036.8287	-377.3487021	-171.1787021	Varney-2018	4.25129788
604789.52	5601301.33	66.9020372	54140.24	53797.8	53657.56	54036.82358	-379.2635832	-173.0935832	Varney-2018	2.336416776
604795.01	5601295.1	67.44167591	54140.26	53793.91	53653.65	54036.79537	-383.1453679	-176.9753679	Varney-2018	-1.545367881
604795.1	5601295.05	67.45474572	54140.29	53792.97	53652.68	54036.795	-384.1150039	-177.9450039	Varney-2018	-2.515003915
604795.52	5601295.97	67.61318133	54140.29	53793.01	53652.72	54036.79538	-384.07538	-177.90538	Varney-2018	-2.475380049
604797.08	5601295.72	67.89203187	54140.28	53790.31	53650.03	54036.79018	-386.7601751	-180.5901751	Varney-2018	-5.160175123
604797.21	5601295.56	67.90342348	54140.31	53786.29	53645.98	54036.78949	-390.8094934	-184.6394934	Varney-2018	-9.209493378
604797.96	5601294.76	67.97938854	54140.35	53783.97	53643.62	54036.78579	-393.1657857	-186.9957857	Varney-2018	-11.56578572
604798.78	5601293.42	68.02222056	54140.37	53783.26	53642.89	54036.78092	-393.8909191	-187.7209191	Varney-2018	-12.29091905
604800.05	5601293.65	68.28529453	54140.39	53784.77	53644.38	54036.77748	-392.3974766	-186.2274766	Varney-2018	-10.79747658
604802.24	5601292.61	68.61495987	54140.39	53786.27	53645.88	54036.76903	-390.8890252	-184.7190252	Varney-2018	-9.289025244
604800.67	5601293.58	68.39809321	54140.38	53783.73	53643.35	54036.77547	-393.4254742	-187.2554742	Varney-2018	-11.82547422
604800.48	5601293.97	68.39524334	54140.34	53783.49	53643.15	54036.77674	-393.6267354	-187.4567354	Varney-2018	-12.02673542
604792.1	5601291.45	66.57801279	54140.29	53782.86	53642.57	54036.79756	-394.2275588	-188.0575588	Varney-2018	-12.62755883
604792.87	5601292.04	66.77444797	54140.26	53781.4	53641.14	54036.79631	-395.6563122	-189.4863122	Varney-2018	-14.05631218
604792.49	5601291.88	66.68843445	54140.22	53781.8	53641.58	54036.79717	-395.2171674	-189.0471674	Varney-2018	-13.61716744
604792.37	5601290.89	66.58279004	54140.23	53781.57	53641.34	54036.79572	-395.4557239	-189.2857239	Varney-2018	-13.8557239
604796.46	5601290.66	67.34366706	54140.24	53782.4	53642.16	54036.78301	-394.6230063	-188.4530063	Varney-2018	-13.02300634
604796.57	5601290.64	67.36295065	54140.26	53782.38	53642.12	54036.78264	-394.6626398	-188.4926398	Varney-2018	-13.0626398
604797.5	5601292.02	67.65780755	54140.29	53781.65	53641.36	54036.7823	-395.4223024	-189.2523024	Varney-2018	-13.82230237
604797.58	5601292.73	67.73356097	54140.29	53781.77	53641.48	54036.78333	-395.3033255	-189.1333255	Varney-2018	-13.7033255
604797.8	5601292.76	67.7782194	54140.3	53781.02	53640.72	54036.78271	-396.0627136	-189.8927136	Varney-2018	-14.46271363
604798.11	5601292.99	67.8571711	54140.31	53782.11	53641.8	54036.78218	-394.9821848	-188.8121848	Varney-2018	-13.38218482
604797.99	5601293.73	67.89730661	54140.33	53781.88	53641.55	54036.78386	-395.2338635	-189.0638635	Varney-2018	-13.63386345
604797.54	5601292.58	67.71313446	54140.33	53781.83	53641.5	54036.78318	-395.2831792	-189.1131792	Varney-2018	-13.68317924
604797.33	5601291.93	67.61765457	54140.33	53781.66	53641.33	54036.78265	-395.452655	-189.282655	Varney-2018	-13.85265495
604797.15	5601291.05	67.50843125	54140.33	53781.95	53641.62	54036.78163	-395.1616276	-188.9916276	Varney-2018	-13.5616276
604797.06	5601290.72	67.46320586	54140.33	53781.9	53641.57	54036.78131	-395.2113093	-189.0413093	Varney-2018	-13.61130934
604797.06	5601290.84	67.47340538	54140.32	53782.11	53641.79	54036.78152	-394.9915236	-188.8215236	Varney-2018	-13.39152358
604797.11	5601291.13	67.50759807	54140.31	53782.13	53641.82	54036.78189	-394.9618908	-188.7918908	Varney-2018	-13.3618908
604797.16	5601291.28	67.52989596	54140.31	53780.35	53640.04	54036.78201	-396.7420079	-190.5720079	Varney-2018	-15.14200794
604797.1	5601291.39	67.52779148	54140.32	53782.52	53642.2	54036.78239	-394.582385	-188.412385	Varney-2018	-12.98238501
604797.27	5601291.54	67.57301336	54140.32	53781.66	53641.34	54036.78214	-395.4421404	-189.2721404	Varney-2018	-13.84214037
604797.58	5601291.51	67.62966979	54140.33	53781.72	53641.39	54036.78115	-395.3911526	-189.2211526	Varney-2018	-13.79115257
604797.71	5601291.98	67.69454159	54140.33	53781.16	53640.83	54036.7816	-395.9515974	-189.7815974	Varney-2018	-14.35159738

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604797.55	5601291.94	67.66055336	54140.34	53782.12	53641.78	54036.78201	-395.002009	-188.832009	Varney-2018	-13.40200896
604797.32	5601291.75	67.60042958	54140.38	53782.96	53642.58	54036.78236	-394.2023641	-188.0323641	Varney-2018	-12.60236414
604797.13	5601291.66	67.55647497	54140.43	53783.01	53642.58	54036.78278	-394.2027765	-188.0327765	Varney-2018	-12.60277652
604797.23	5601291.79	67.58663535	54140.47	53782.91	53642.44	54036.78271	-394.3427069	-188.1727069	Varney-2018	-12.74270692
604797.17	5601291.93	67.5870747	54140.51	53782.6	53642.09	54036.78314	-394.6931377	-188.5231377	Varney-2018	-13.09313772
604797.15	5601291.99	67.58835365	54140.5	53783.23	53642.73	54036.78331	-394.0533051	-187.8833051	Varney-2018	-12.45330514
604796.61	5601292.15	67.49871371	54140.49	53782.86	53642.37	54036.78522	-394.415221	-188.245221	Varney-2018	-12.81522098
604796.47	5601292.77	67.52453131	54140.46	53782.89	53642.43	54036.78675	-394.3567536	-188.1867536	Varney-2018	-12.75675357
604796.28	5601292.85	67.49494881	54140.43	53783.01	53642.58	54036.78747	-394.2074715	-188.0374715	Varney-2018	-12.6074715
604795.75	5601293.17	67.42057154	54140.42	53782.94	53642.52	54036.78965	-394.2696494	-188.0996494	Varney-2018	-12.66964941
604795.54	5601293.21	67.38373605	54140.41	53782.67	53642.26	54036.79036	-394.5303571	-188.3603571	Varney-2018	-12.93035708
604795.58	5601293.29	67.39815994	54140.41	53782.19	53641.78	54036.79038	-395.0103798	-188.8403798	Varney-2018	-13.41037977
604795.36	5601293.33	67.359399	54140.42	53782.77	53642.35	54036.79112	-394.441118	-188.271118	Varney-2018	-12.841118
604794.69	5601293.29	67.22768543	54140.42	53782.73	53642.31	54036.79308	-394.4830751	-188.3130751	Varney-2018	-12.88307508
604794.52	5601293.34	67.19933344	54140.43	53782.79	53642.36	54036.79368	-394.4336802	-188.2636802	Varney-2018	-12.83368022
604794.3	5601293.38	67.16055601	54140.43	53783.38	53642.95	54036.79442	-393.8444189	-187.6744189	Varney-2018	-12.24441888
604794.12	5601293.53	67.13868615	54140.42	53783	53642.58	54036.79524	-394.2152355	-188.0452355	Varney-2018	-12.61523555
604793.96	5601293.84	67.134079	54140.4	53782.33	53641.93	54036.79628	-394.8662817	-188.6962817	Varney-2018	-13.26628175
604793.89	5601293.9	67.12569999	54140.37	53782.34	53641.97	54036.7966	-394.8266027	-188.6566027	Varney-2018	-13.22660274
604792.64	5601295.17	66.99224433	54140.32	53783.03	53642.71	54036.80271	-394.0927079	-187.9227079	Varney-2018	-12.49270794
604791.91	5601296.08	66.92789114	54140.26	53783.05	53642.79	54036.80659	-394.016593	-187.846593	Varney-2018	-12.41659303
604791.6	5601296.26	66.88324073	54140.2	53782.21	53642.01	54036.80787	-394.7978684	-188.6278684	Varney-2018	-13.19786835
604791.58	5601296.43	66.89355296	54140.14	53782.29	53642.15	54036.80824	-394.6582406	-188.4882406	Varney-2018	-13.05824056
604791.57	5601296.46	66.8941268	54140.13	53782.36	53642.23	54036.80833	-394.578326	-188.408326	Varney-2018	-12.97832601
604792.14	5601297.14	67.06062895	54140.12	53782.56	53642.44	54036.80783	-394.3678265	-188.1978265	Varney-2018	-12.76782645
604792.59	5601297.88	67.20923422	54140.14	53782.59	53642.45	54036.8078	-394.3577977	-188.1877977	Varney-2018	-12.75779773
604792.66	5601297.92	67.22608706	54140.17	53782.77	53642.6	54036.80766	-394.207656	-188.037656	Varney-2018	-12.60765596
604792.6	5601298.06	67.22621507	54140.21	53782.53	53642.32	54036.8081	-394.488095	-188.318095	Varney-2018	-12.88809501
604792.38	5601297.99	67.17790255	54140.26	53782.2	53641.94	54036.80864	-394.8686422	-188.6986422	Varney-2018	-13.26864221
604792.62	5601298.06	67.23007543	54140.3	53785.43	53645.13	54036.80803	-391.6780337	-185.5080337	Varney-2018	-10.07803366
604792.52	5601297.7	67.18068006	54140.35	53782.95	53642.6	54036.80768	-394.2076843	-188.0376843	Varney-2018	-12.60768429
604792.59	5601297.99	67.21843185	54140.38	53782.19	53641.81	54036.808	-394.9979981	-188.8279981	Varney-2018	-13.39799815
604792.58	5601298.48	67.25747163	54140.41	53781.95	53641.54	54036.80892	-395.2689216	-189.0989216	Varney-2018	-13.66892163
604792.58	5601298.88	67.29091632	54140.39	53781.47	53641.08	54036.80965	-395.7296505	-189.5596505	Varney-2018	-14.12965046
604792.49	5601299.15	67.29608953	54140.37	53781.72	53641.35	54036.81042	-395.4604193	-189.2904193	Varney-2018	-13.8604193
604792.36	5601299.54	67.30353542	54140.31	53781.76	53641.45	54036.81153	-395.3615306	-189.1915306	Varney-2018	-13.76153056
604792.24	5601299.86	67.30704048	54140.25	53781.63	53641.38	54036.81248	-395.4324841	-189.2624841	Varney-2018	-13.83248407
604792.25	5601299.95	67.31649211	54140.22	53781.59	53641.37	54036.81262	-395.4426175	-189.2726175	Varney-2018	-13.84261748
604792.25	5601300.23	67.33987484	54140.19	53781.51	53641.32	54036.81313	-395.4931284	-189.3231284	Varney-2018	-13.89312841
604792.2	5601300.48	67.35106398	54140.24	53781.59	53641.35	54036.81374	-395.463739	-189.293739	Varney-2018	-13.86373898
604792.21	5601300.48	67.35300164	54140.29	53781.49	53641.2	54036.81371	-395.6137081	-189.4437081	Varney-2018	-14.0137081
604792.15	5601300.58	67.34972356	54140.38	53781.67	53641.29	54036.81408	-395.5240759	-189.3540759	Varney-2018	-13.9240759
604792.14	5601300.62	67.35112462	54140.47	53781.54	53641.07	54036.81418	-395.7441798	-189.5741798	Varney-2018	-14.14417981
604792.07	5601300.54	67.33088164	54140.48	53781.7	53641.22	54036.81425	-395.5942499	-189.4242499	Varney-2018	-13.99424991
604791.83	5601300.39	67.27186634	54140.5	53783.67	53643.17	54036.81472	-393.6447168	-187.4747168	Varney-2018	-12.04471677
604792.22	5601299.7	67.28980892	54140.47	53783.02	53642.55	54036.81225	-394.2622537	-188.0922537	Varney-2018	-12.66225371
604792.81	5601299.11	67.35461584	54140.43	53786.19	53645.76	54036.80936	-391.049362	-184.879362	Varney-2018	-9.449362026
604792.44	5601298.46	67.22875953	54140.43	53790.39	53649.96	54036.80932	-386.8493151	-180.6793151	Varney-2018	-5.249315107
604792.86	5601296.17	67.11821014	54140.43	53787.34	53646.91	54036.80386	-389.8938581	-183.7238581	Varney-2018	-8.293858073
604792.81	5601295.02	67.01235321	54140.47	53789.34	53648.87	54036.80192	-387.9319175	-181.7619175	Varney-2018	-6.331917456
604792.18	5601293.27	66.74523925	54140.51	53785.62	53645.11	54036.80064	-391.6906399	-185.5206399	Varney-2018	-10.09063992
604792.36	5601291.43	66.62599563	54140.55	53781.18	53640.63	54036.79674	-396.1667389	-189.9967389	Varney-2018	-14.56673888
604791.93	5601290.01	66.42543523	54140.59	53786.65	53646.06	54036.79544	-390.7354396	-184.5654396	Varney-2018	-9.135439619
604790.44	5601289.23	66.07684284	54140.55	53783.24	53642.69	54036.79848	-394.108477	-187.938477	Varney-2018	-12.50847699
604790.43	5601289.93	66.13300311	54140.51	53760.97	53620.46	54036.79979	-416.3397947	-210.1697947	Varney-2018	-34.73979474
604791.46	5601289.78	66.31673462	54140.45	53755.54	53615.09	54036.79643	-421.7064291	-215.5364291	Varney-2018	-40.10642915
604791.72	5601289.47	66.34041691	54140.39	53754.09	53613.7	54036.79508	-423.0950822	-216.9250822	Varney-2018	-41.49508221
604790.97	5601289.13	66.16938505	54140.39	53753.13	53612.74	54036.79671	-424.056706	-217.886706	Varney-2018	-42.45670604
604791.44	5601288.39	66.19719475	54140.4	53749.91	53609.51	54036.79394	-427.2839434	-221.1139434	Varney-2018	-45.68394344
604794.98	5601287.41	66.78723582	54140.47	53751.41	53610.94	54036.7816	-425.8415987	-219.6715987	Varney-2018	-44.24159866
604796.52	5601286.51	67.00306993	54140.55	53754.38	53613.83	54036.7754	-422.9453983	-216.7753983	Varney-2018	-41.34539831
604796.31	5601285.26	66.8573302	54140.57	53755.52	53614.95	54036.77378	-421.8237832	-215.6537832	Varney-2018	-40.22378322
604797.01	5601284.69	66.94123549	54140.59	53750.99	53610.4	54036.77069	-426.3706915	-220.2006915	Varney-2018	-44.77069151
604797.97	5601285.06	67.15411961	54140.54	53749.63	53609.09	54036.76851	-427.6785097	-221.5085097	Varney-2018	-46.07850973

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604800.22	5601285.44	67.61204221	54140.48	53737.46	53596.98	54036.76252	-439.7825162	-233.6125162	Varney-2018	-58.18251617
604801.14	5601285.59	67.79896999	54140.42	53729.97	53589.55	54036.76005	-447.210052	-241.040052	Varney-2018	-65.61005201
604800.5	5601285.39	67.66069252	54140.36	53720.59	53580.23	54036.7616	-456.5315984	-250.3615984	Varney-2018	-74.93159837
604801.08	5601284.28	67.67464807	54140.35	53714.56	53574.21	54036.75793	-462.5479343	-256.3779343	Varney-2018	-80.94793427
604801.66	5601282.94	67.66832976	54140.34	53711.71	53571.37	54036.75388	-465.3838788	-259.2138788	Varney-2018	-83.78387877
604802.18	5601281.54	67.64506053	54140.35	53706.75	53566.4	54036.74991	-470.3499074	-264.1799074	Varney-2018	-88.74990736
604801.05	5601281.25	67.40771166	54140.37	53697.54	53557.17	54036.75271	-479.5827124	-273.4127124	Varney-2018	-97.98271236
604800.56	5601280.25	67.22960035	54140.38	53687.18	53546.8	54036.75239	-489.9523912	-283.7823912	Varney-2018	-108.3523912
604800.84	5601278.13	67.09943685	54140.4	53693.84	53553.44	54036.74785	-483.3078539	-277.1378539	Varney-2018	-101.7078539
604800.78	5601277.03	66.99346522	54140.4	53708.14	53567.74	54036.7461	-469.0060978	-262.8360978	Varney-2018	-87.4060978
604800.38	5601276.05	66.83455572	54140.41	53731.45	53591.04	54036.74553	-445.7055328	-239.5355328	Varney-2018	-64.10553285
604798.29	5601274.29	66.29509961	54140.39	53745.41	53605.02	54036.74844	-431.7284423	-225.5584423	Varney-2018	-50.12844233
604798.41	5601273.56	66.25502881	54140.36	53757.57	53617.21	54036.7468	-419.5368024	-213.3668024	Varney-2018	-37.93680236
604798.16	5601273.46	66.20013324	54140.35	53767.43	53627.08	54036.74734	-409.6673414	-203.4973414	Varney-2018	-28.06734139
604796.1	5601270.11	65.53443122	54140.33	53781.1	53640.77	54036.74724	-395.9772376	-189.8072376	Varney-2018	-14.3772376
604797.32	5601269.33	65.69301757	54140.33	53802.37	53662.04	54036.74238	-374.7023838	-168.5323838	Varney-2018	6.897616166
604797.51	5601268.23	65.63435576	54140.33	53815.72	53675.39	54036.73989	-361.3498859	-155.1798859	Varney-2018	20.25011412
604798.01	5601267.44	65.72032616	54140.35	53827.13	53686.78	54036.73544	-349.9554397	-143.7854397	Varney-2018	31.64456028
604800.12	5601266.31	66.09797012	54140.37	53841.29	53700.92	54036.72519	-335.8051875	-129.6351875	Varney-2018	45.79481253
604800.2	5601265.01	66.10303934	54140.35	53854	53713.65	54036.71996	-323.0699646	-116.8999646	Varney-2018	58.53003541
604802.17	5601264.18	66.44886765	54140.33	53853.19	53712.86	54036.71148	-323.8514811	-117.6814811	Varney-2018	57.74851889
604802.07	5601263.21	66.42162432	54140.32	53853.76	53713.44	54036.70808	-323.2680793	-117.0980793	Varney-2018	58.33192074
604802.74	5601261.47	66.52211791	54140.3	53841.25	53700.95	54036.69976	-335.7497584	-129.5797584	Varney-2018	45.85024161
604804.25	5601259.61	66.76331389	54140.29	53839.94	53699.65	54036.68894	-337.0389446	-130.8689446	Varney-2018	44.5610554
604804.65	5601259.08	66.82550828	54140.28	53837.21	53696.93	54036.68597	-339.7559744	-133.5859744	Varney-2018	41.84402556
604805.36	5601258.88	66.94486504	54140.26	53838.01	53697.75	54036.68346	-338.9334576	-132.7634576	Varney-2018	42.66654236
604805	5601260.82	66.90912488	54140.24	53838.59	53698.35	54036.69151	-338.3415052	-132.1715052	Varney-2018	43.25849479
604805.83	5601257.16	67.00061801	54140.21	53840.01	53699.8	54036.67599	-336.8759939	-130.7059939	Varney-2018	44.72400609
604801.71	5601253.54	66.26873004	54140.17	53837.24	53697.07	54036.67232	-339.6023246	-133.4323246	Varney-2018	41.99767538
604802.24	5601252.43	66.34513747	54140.18	53820.77	53680.59	54036.6669	-356.0769008	-149.9069008	Varney-2018	25.52309918
604800.37	5601252.04	66.03656736	54140.19	53812.99	53672.8	54036.66967	-363.8696717	-157.6996717	Varney-2018	17.73032833
604800.03	5601251.57	65.97785561	54140.25	53803.24	53662.99	54036.66863	-373.6786321	-167.5086321	Varney-2018	7.921367887
604798.9	5601251.54	65.79424225	54140.31	53792.67	53652.36	54036.67106	-384.3110619	-178.1410619	Varney-2018	-2.711061902
604798.14	5601250.85	65.66771557	54140.34	53813.01	53672.67	54036.67007	-364.0000702	-157.8300702	Varney-2018	17.59992984
604797.98	5601249.83	65.63740422	54140.37	53887.26	53746.89	54036.66642	-289.7764244	-83.60642444	Varney-2018	91.82357556
604799.19	5601251.16	65.83904598	54140.37	53941.81	53801.44	54036.66893	-235.2289333	-29.05893332	Varney-2018	146.3710667
604797.22	5601248.51	65.51121988	54140.37	54006.08	53865.71	54036.66288	-170.9528781	35.21712194	Varney-2018	210.6471219
604797.83	5601247.79	65.60481372	54140.35	54032.35	53892	54036.65874	-144.6587384	61.51126164	Varney-2018	236.9412616
604798.25	5601247.5	65.66957313	54140.33	54061.97	53921.64	54036.65671	-115.0167109	91.15328906	Varney-2018	266.5832891
604797.78	5601247.83	65.59710601	54140.3	54093.09	53952.79	54036.659	-83.8690018	122.3009982	Varney-2018	297.7309982
604797.89	5601246.99	65.61083665	54140.27	54125.16	53984.89	54036.65547	-51.76546934	154.4045307	Varney-2018	329.8345307
604798.69	5601246.36	65.7326365	54140.28	54139.46	53999.18	54036.65134	-37.47133512	168.6986649	Varney-2018	344.1286649
604800.42	5601245.46	65.99507123	54140.29	54169.81	54029.52	54036.64429	-7.12428853	199.0457115	Varney-2018	374.4757115
604801.32	5601244.36	66.12450962	54140.32	54162.92	54022.6	54036.63826	-14.03825795	192.131742	Varney-2018	367.561742
604800.9	5601246.38	66.07672289	54140.36	54158.97	54018.61	54036.64683	-18.03682521	188.1331748	Varney-2018	363.5631748
604801.33	5601246.49	66.14461017	54140.42	54170.07	54029.65	54036.64635	-6.996351554	199.1736484	Varney-2018	374.6036484
604802.42	5601245.19	66.30125857	54140.49	54184.6	54044.11	54036.63918	7.470818878	213.6408189	Varney-2018	389.0708189
604804.1	5601244.26	66.54873617	54140.5	54189.18	54048.68	54036.63231	12.04769253	218.2176925	Varney-2018	393.6476925
604805.09	5601244.41	66.70215491	54140.52	54175.68	54035.16	54036.63088	-1.470876155	204.6991238	Varney-2018	380.1291238
604804.39	5601244.87	66.60080668	54140.52	54190.31	54049.79	54036.63399	13.15601377	219.3260138	Varney-2018	394.7560138
604804.54	5601245.86	66.63659181	54140.53	54181.77	54041.24	54036.63734	4.602655034	210.772655	Varney-2018	386.202655
604803.41	5601243.31	66.43239526	54140.51	54177.5	54036.99	54036.63014	0.359861321	206.5298613	Varney-2018	381.9598613
604803.5	5601243.37	66.44673815	54140.49	54164.6	54024.11	54036.63019	-12.5201854	193.6498146	Varney-2018	369.0798146
604806.24	5601242.25	66.84571557	54140.49	54154.78	54014.29	54036.6207	-22.33070131	183.8392987	Varney-2018	359.2692987
604807.81	5601241.07	67.06156759	54140.48	54154.85	54014.37	54036.61343	-22.24343069	183.9265693	Varney-2018	359.3565693
604808.92	5601239.52	67.19804541	54140.49	54138.9	53998.41	54036.60583	-38.19582635	167.9741737	Varney-2018	343.4041737
604808.72	5601238.63	67.15244282	54140.5	54134.92	53994.42	54036.60303	-42.18302945	163.9869705	Varney-2018	339.4169705
604808.3	5601236.94	67.06134189	54140.51	54136.43	53995.92	54036.59776	-40.67775546	165.4922445	Varney-2018	340.9222445
604809.23	5601236.58	67.18796287	54140.52	54123.98	53983.46	54036.59485	-53.13485125	153.0351488	Varney-2018	328.4651488
604810.73	5601236.27	67.39601137	54140.5	54130.5	53990	54036.59116	-46.5911592	159.5788408	Varney-2018	335.0088408
604811.98	5601234.73	67.53968857	54140.47	54117.81	53977.34	54036.58369	-59.24369175	146.9263083	Varney-2018	322.3563083
604813.95	5601233.56	67.78746491	54140.45	54107.25	53966.8	54036.57644	-69.77643597	136.393564	Varney-2018	311.823564
604815.07	5601233.27	67.93560158	54140.43	54108.87	53968.44	54036.57363	-68.13363392	138.0363661	Varney-2018	313.4663661
604815.74	5601232.92	68.01899866	54140.41	54107.1	53966.69	54036.57138	-69.88138297	136.288617	Varney-2018	311.718617

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604816.71	5601231.94	68.12515059	54140.38	54108.96	53968.58	54036.5666	-67.98659883	138.1834012	Varney-2018	313.6134012
604817.67	5601230.97	68.22779062	54140.38	54084.11	53943.73	54036.56193	-92.83192773	113.3380723	Varney-2018	288.7680723
604820	5601227.38	68.42638408	54140.38	54061.94	53921.56	54036.54694	-114.986938	91.18306202	Varney-2018	266.613062
604821.22	5601224.9	68.50112835	54140.39	54064.75	53924.36	54036.53744	-112.1774397	93.99256031	Varney-2018	269.4225603
604821.46	5601225.02	68.53599618	54140.41	54053.03	53912.62	54036.53749	-123.9174923	82.25250768	Varney-2018	257.6825077
604822.29	5601226.35	68.68986815	54140.42	54042.38	53901.96	54036.54049	-134.5804883	71.58951173	Varney-2018	247.0195117
604823.55	5601227.29	68.88856664	54140.44	54068.42	53927.98	54036.5416	-108.5616021	97.60839788	Varney-2018	273.0383979
604824.76	5601227.35	69.04944183	54140.46	54078.36	53937.9	54036.54006	-98.64006111	107.5299389	Varney-2018	282.9599389
604826.3	5601227.52	69.25829512	54140.48	54081.86	53941.38	54036.53837	-95.15836931	111.0116307	Varney-2018	286.4416307
604828.09	5601227.08	69.47433545	54140.48	54078.53	53938.05	54036.53454	-98.48453548	107.6854645	Varney-2018	283.1154645
604829.02	5601227.91	69.63281625	54140.49	54065.94	53925.45	54036.53559	-111.0855942	95.08440579	Varney-2018	270.5144058
604831.75	5601226.28	69.91452668	54140.5	54047.67	53907.17	54036.52714	-129.3571401	76.81285985	Varney-2018	252.2428599
604830.49	5601228.64	69.8604181	54140.52	54035.46	53894.94	54036.53552	-141.5955239	64.57447608	Varney-2018	240.0044761
604830.41	5601228.33	69.83546642	54140.52	54033.14	53892.62	54036.53477	-143.9147691	62.25523093	Varney-2018	237.6852309
604832.28	5601226.35	69.98668359	54140.53	54027.3	53886.77	54036.5266	-149.7565969	56.41340306	Varney-2018	231.8434031
604832.85	5601225.07	69.99747665	54140.55	54029.89	53889.34	54036.52231	-147.1823092	58.98769078	Varney-2018	234.4176908
604834.85	5601223.6	70.17742459	54140.57	54036.49	53895.92	54036.5157	-140.5957024	65.57429755	Varney-2018	241.0042976
604833.98	5601221.99	69.98573503	54140.58	54053.92	53913.34	54036.5125	-123.1724964	82.99750362	Varney-2018	258.4275036
604833.9	5601221.58	69.95500118	54140.59	54077.31	53936.72	54036.51149	-99.79149088	106.3785091	Varney-2018	281.8085091
604834.37	5601220.79	69.97256605	54140.59	54090.37	53949.78	54036.5088	-86.728798	119.441202	Varney-2018	294.871202
604835.25	5601219.66	70.02119773	54140.58	54102.2	53961.62	54036.50475	-74.88474904	131.285251	Varney-2018	306.715251
604835.91	5601218.68	70.04892294	54140.57	54085.2	53944.63	54036.50141	-91.87140906	114.2985909	Varney-2018	289.7285909
604837.96	5601219.35	70.33225223	54140.55	54044.24	53903.69	54036.50081	-132.8108089	73.35919111	Varney-2018	248.7891911
604838.99	5601218.01	70.37988379	54140.53	54020.5	53879.97	54036.49625	-156.526246	49.64375402	Varney-2018	225.073754
604839.69	5601217.29	70.42131964	54140.5	54012.81	53872.31	54036.49367	-164.1836749	41.98632508	Varney-2018	217.4163251
604840.88	5601217.32	70.56368069	54140.5	53997.22	53856.72	54036.49246	-179.7724628	26.39753718	Varney-2018	201.8275372
604842.92	5601217.09	70.79039164	54140.49	53975.85	53835.36	54036.48971	-201.1297078	5.040292226	Varney-2018	180.4702922
604843.77	5601214.82	70.74652524	54140.52	53972.49	53831.97	54036.48345	-204.5134451	1.656554909	Varney-2018	177.0865549
604845.11	5601213.51	70.81514749	54140.56	53969.56	53829	54036.47908	-207.4790831	-1.309083085	Varney-2018	174.1209169
604844.04	5601215.72	70.83498606	54140.57	53962.2	53821.63	54036.48529	-214.855289	-8.685289049	Varney-2018	166.744711
604844.65	5601216.6	70.96265063	54140.58	53951.66	53811.08	54036.48671	-225.4067103	-19.23671027	Varney-2018	156.1932897
604844.72	5601216.02	70.93333974	54140.57	53944.35	53803.78	54036.48529	-232.7052882	-26.53528816	Varney-2018	148.8947118
604847.5	5601210	70.83155708	54140.56	53953.53	53812.97	54036.46937	-223.4993734	-17.32937338	Varney-2018	158.1006266
604846.85	5601208.35	70.66425021	54140.55	53945.73	53805.18	54036.46581	-231.2858105	-25.11581054	Varney-2018	150.3141895
604846.87	5601206.83	70.5638455	54140.53	53929.35	53788.82	54036.46237	-247.6423738	-41.47237384	Varney-2018	133.9576262
604849.11	5601206.9	70.73642673	54140.55	53902.71	53762.16	54036.46268	-274.3026778	-68.13267785	Varney-2018	107.2973222
604850.17	5601205.93	70.74592158	54140.58	53879.66	53739.08	54036.46068	-297.3806834	-91.21068338	Varney-2018	84.21931662
604849.99	5601204.86	70.65995753	54140.61	53856.97	53716.36	54036.45827	-320.0982711	-113.9282711	Varney-2018	61.50172891
604851.46	5601202.1	70.57505572	54140.64	53842.17	53701.53	54036.45239	-334.9223904	-128.7523904	Varney-2018	46.67760955
604850.69	5601201.82	70.50155234	54140.67	53826.18	53685.51	54036.45163	-350.941628	-144.771628	Varney-2018	30.65837201
604851.41	5601200.66	70.47270345	54140.7	53809.97	53669.27	54036.44918	-367.1791849	-161.0091849	Varney-2018	14.42081509
604852.04	5601200.66	70.51697013	54140.73	53794.78	53654.05	54036.4493	-382.3993042	-176.2293042	Varney-2018	-0.799304196
604852.83	5601201.14	70.60555871	54140.77	53788.32	53647.55	54036.45052	-388.9005156	-182.7305156	Varney-2018	-7.300515605
604854.16	5601199.79	70.60573991	54140.77	53786.63	53645.86	54036.44779	-390.5877873	-184.4177873	Varney-2018	-8.987787277
604854.48	5601199.12	70.58177065	54140.78	53788.13	53647.35	54036.44637	-389.0963732	-182.9263732	Varney-2018	-7.496373177
604854.51	5601198.88	70.56724776	54140.78	53787.86	53647.08	54036.44585	-389.3658504	-183.1958504	Varney-2018	-7.76585036
604853.69	5601198.61	70.49127221	54140.79	53787.89	53647.1	54036.44509	-389.3450912	-183.1750912	Varney-2018	-7.745091221
604853.34	5601198.2	70.43852713	54140.8	53787.8	53647	54036.44412	-389.4441152	-183.2741152	Varney-2018	-7.84411524
604853.49	5601198.15	70.44553959	54140.82	53793.41	53652.59	54036.44404	-383.8540352	-177.6840352	Varney-2018	-2.254035196
604854.48	5601197.52	70.4709706	54140.83	53810.38	53669.55	54036.44285	-366.8928479	-160.7228479	Varney-2018	14.70715205
604855.25	5601196.8	70.47461218	54140.84	53807.42	53666.58	54036.44142	-369.8614234	-163.6914234	Varney-2018	11.73857663
604857.17	5601196.61	70.59475773	54140.86	53804.96	53664.1	54036.44141	-372.3414109	-166.1714109	Varney-2018	9.258589127
604859.04	5601195.96	70.67900523	54140.88	53793.96	53653.08	54036.44039	-383.3603895	-177.1903895	Varney-2018	-1.76038946
604860.53	5601194.17	70.6561293	54140.87	53786.56	53645.69	54036.43682	-390.7468236	-184.5768236	Varney-2018	-9.146823575
604861.52	5601192.16	70.59897287	54140.85	53779.41	53638.56	54036.43225	-397.8722515	-191.7022515	Varney-2018	-16.27225148
604861.54	5601190.14	70.69765605	54140.85	53781.75	53640.9	54036.42151	-395.5215123	-189.3515123	Varney-2018	-13.92151227
604860.46	5601189.58	70.6539454	54140.84	53774.81	53633.97	54036.41819	-402.4481914	-196.2781914	Varney-2018	-20.84819137
604860.05	5601188.14	70.69894244	54140.83	53763.52	53622.69	54036.41034	-413.720337	-207.550337	Varney-2018	-32.12033705
604861	5601189.66	70.68538635	54140.82	53752.7	53611.88	54036.41879	-424.5387894	-218.3687894	Varney-2018	-42.93878937
604863.07	5601187.25	70.93294006	54140.83	53745.89	53605.06	54036.40673	-431.3467344	-225.1767344	Varney-2018	-49.74673436
604864.16	5601186.83	71.02034455	54140.84	53742.7	53601.86	54036.40496	-434.5449567	-228.3749567	Varney-2018	-52.94495672
604866.22	5601184.69	71.24029813	54140.87	53753.05	53612.18	54036.3947	-424.2147044	-218.0447044	Varney-2018	-42.61470441
604863.03	5601186.54	70.96342081	54140.9	53770.63	53629.73	54036.40297	-406.6729747	-200.5029747	Varney-2018	-25.07297467
604861.6	5601187.22	70.84209403	54140.94	53790.17	53649.23	54036.406	-387.1760047	-181.0060047	Varney-2018	-5.576004677

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604863.04	5601185.82	70.99748893	54140.99	53789.18	53648.19	54036.39918	-388.2091821	-182.0391821	Varney-2018	-6.609182071
604863.64	5601185.2	71.0625508	54140.97	53802.18	53661.21	54036.39618	-375.1861828	-169.0161828	Varney-2018	6.413817169
604864.53	5601183.73	71.18211472	54140.94	53796.38	53655.44	54036.3889	-380.9488986	-174.7788986	Varney-2018	0.651101436
604865.04	5601183.51	71.22179142	54140.88	53787.46	53646.58	54036.388	-389.8080043	-183.6380043	Varney-2018	-8.208004262
604867.17	5601181.72	71.42106619	54140.82	53783.46	53642.64	54036.37986	-393.7398586	-187.5698586	Varney-2018	-12.13985857
604869.59	5601179.15	71.65775163	54140.75	53783.26	53642.51	54036.36816	-393.8581641	-187.6881641	Varney-2018	-12.25816414
604869.32	5601179.65	71.62367918	54140.68	53783.74	53643.06	54036.37053	-393.310534	-187.140534	Varney-2018	-11.71053399
604870.39	5601178.33	71.73173346	54140.66	53778.86	53638.2	54036.36453	-398.1645308	-191.9945308	Varney-2018	-16.56453083
604870.06	5601177.75	71.73666694	54140.63	53773.17	53632.54	54036.36138	-403.8213787	-197.6513787	Varney-2018	-22.22137868
604869.44	5601178.27	71.68415227	54140.64	53771.34	53630.7	54036.3636	-405.6635999	-199.4935999	Varney-2018	-24.0635999
604869.4	5601177.92	71.69576062	54140.65	53772.47	53631.82	54036.3618	-404.5417955	-198.3717955	Varney-2018	-22.94179554
604869.24	5601178.1	71.68034407	54140.69	53767.54	53626.85	54036.3626	-409.5126033	-203.3426033	Varney-2018	-27.91260331
604870	5601177.64	71.73778599	54140.74	53759.12	53618.38	54036.36078	-417.9807813	-211.8107813	Varney-2018	-36.38078131
604868.91	5601175.49	71.76677495	54140.75	53754.59	53613.84	54036.34909	-422.5090864	-216.3390864	Varney-2018	-40.90908641
604869.67	5601174.34	71.8489274	54140.76	53752.02	53611.26	54036.34382	-425.0838208	-218.9138208	Varney-2018	-43.48382076
604871.54	5601174.55	71.93094448	54140.75	53743.52	53602.77	54036.34633	-433.5763334	-227.4063334	Varney-2018	-51.97633344
604872.18	5601173.19	72.01073766	54140.73	53742.98	53602.25	54036.34004	-434.0900354	-227.9200354	Varney-2018	-52.49003541
604873.44	5601172.97	72.07713153	54140.72	53735.23	53594.51	54036.33997	-441.8299724	-235.6599724	Varney-2018	-60.22997244
604872.32	5601174.16	71.98252728	54140.7	53737.33	53596.63	54036.34499	-439.7149908	-233.5449908	Varney-2018	-58.1149908
604874.2	5601170.76	72.18679886	54140.68	53729.52	53588.84	54036.32969	-447.4896937	-241.3196937	Varney-2018	-65.88969368
604876.04	5601169.97	72.29246177	54140.65	53730.54	53589.89	54036.32748	-446.4374767	-240.2674767	Varney-2018	-64.83747674
604876.62	5601168.23	72.37113172	54140.65	53722.47	53581.82	54036.31955	-454.4995499	-248.3295499	Varney-2018	-72.89954985
604876.15	5601168.14	72.3547006	54140.65	53721.17	53580.52	54036.31866	-455.798657	-249.628657	Varney-2018	-74.19865696
604875.63	5601167.83	72.34337303	54140.65	53721.93	53581.28	54036.31664	-455.036637	-248.866637	Varney-2018	-73.43663704
604874.82	5601167.86	72.30956387	54140.66	53731.04	53590.38	54036.31599	-445.9359919	-239.7659919	Varney-2018	-64.33599187
604874.41	5601167.19	72.31532957	54140.65	53734.3	53593.65	54036.31229	-442.6622897	-236.4922897	Varney-2018	-61.0622897
604874.71	5601165.94	72.36861277	54140.64	53744.37	53603.73	54036.30644	-432.5764413	-226.4064413	Varney-2018	-50.97644127
604875.46	5601163.66	72.47083483	54140.63	53742.52	53601.89	54036.29606	-434.4060566	-228.2360566	Varney-2018	-52.80605665
604875.8	5601165.79	72.4151914	54140.62	53747.32	53606.7	54036.30684	-429.6068378	-223.4368378	Varney-2018	-48.00683776
604876.29	5601166.13	72.42326923	54140.63	53745.58	53604.95	54036.309	-431.3590035	-225.1890035	Varney-2018	-49.75900352
604876.46	5601165.89	72.43728345	54140.64	53737.82	53597.18	54036.30801	-439.1280111	-232.9580111	Varney-2018	-57.52801105
604879.13	5601165.02	72.56390154	54140.64	53727.62	53586.98	54036.30662	-449.3266193	-243.1566193	Varney-2018	-67.72661935
604876.1	5601163.55	72.49717103	54140.63	53723.55	53582.92	54036.29623	-453.3762277	-247.2062277	Varney-2018	-71.77622772
604876.04	5601164.53	72.46411198	54140.63	53719.51	53578.88	54036.30094	-457.4209415	-251.2509415	Varney-2018	-75.82094146
604877.88	5601162.85	72.58117262	54140.64	53712.73	53572.09	54036.29483	-464.2048259	-258.0348259	Varney-2018	-82.60482594
604878.44	5601162.49	72.61103515	54140.65	53707.99	53567.34	54036.29373	-468.953729	-262.783729	Varney-2018	-87.353729
604878.67	5601161.7	72.64149193	54140.66	53707.3	53566.64	54036.2902	-469.6502011	-263.4802011	Varney-2018	-88.05020114
604880.59	5601161.06	72.7226525	54140.7	53709.44	53568.74	54036.2894	-467.5494047	-261.3794047	Varney-2018	-85.94940466
604881.85	5601161.33	72.75720691	54140.75	53735.14	53594.39	54036.29217	-441.9021664	-235.7321664	Varney-2018	-60.30216636
604883.41	5601160.55	72.82681433	54140.79	53751.35	53610.56	54036.29037	-425.7303714	-219.5603714	Varney-2018	-44.13037142
604886.51	5601159.55	72.94610359	54140.84	53758.52	53617.68	54036.28953	-418.6095319	-212.4395319	Varney-2018	-37.00953189
604887.89	5601159.33	72.99287442	54140.85	53747.04	53606.19	54036.29024	-430.100236	-223.930236	Varney-2018	-48.50023597
604888.61	5601157.83	73.04074769	54140.86	53741.21	53600.35	54036.28438	-435.9343834	-229.7643834	Varney-2018	-54.3343834
604890.9	5601156.36	73.12862677	54140.83	53750.65	53609.82	54036.28081	-426.4608147	-220.2908147	Varney-2018	-44.86081472
604890.62	5601155.45	73.13446678	54140.8	53761.88	53621.08	54036.27641	-415.1964078	-209.0264078	Varney-2018	-33.59640778
604890.68	5601155.4	73.13678494	54140.74	53761.4	53620.66	54036.27627	-415.6162675	-209.4462675	Varney-2018	-34.01626746
604892.37	5601153.05	73.21133881	54140.67	53766.29	53625.62	54036.26826	-410.6482644	-204.4782644	Varney-2018	-29.0482644
604893.22	5601152.18	73.24169539	54140.61	53760.62	53620.01	54036.26569	-416.2556891	-210.0856891	Varney-2018	-34.65568915
604893.07	5601151.96	73.24095535	54140.54	53756.13	53615.59	54036.26451	-420.6745118	-214.5045118	Varney-2018	-39.0745118
604893.82	5601151.06	73.26775389	54140.54	53731.78	53591.24	54036.2617	-445.0217044	-238.8517044	Varney-2018	-63.42170437
604896.4	5601149.35	73.33673863	54140.54	53708.42	53567.88	54036.25826	-468.3782627	-262.2082627	Varney-2018	-86.77826275
604900.56	5601146.91	73.42557357	54140.58	53693	53552.42	54036.25459	-483.8345894	-277.6645894	Varney-2018	-102.2345894
604900.11	5601147.86	73.41436966	54140.63	53686.34	53545.71	54036.2578	-490.5478012	-284.3778012	Varney-2018	-108.9478012
604901.8	5601147.74	73.44440073	54140.66	53673.49	53532.83	54036.25999	-503.4299901	-297.2599901	Varney-2018	-121.8299901
604902.94	5601148.65	73.46368628	54140.69	53687.71	53547.02	54036.2655	-489.2454964	-283.0754964	Varney-2018	-107.6454964
604902.36	5601147.98	73.45386297	54140.66	53695.15	53554.49	54036.26186	-481.7718588	-275.6018588	Varney-2018	-100.1718588
604902.37	5601147.18	73.45513613	54140.63	53698.86	53558.23	54036.25861	-478.028613	-271.858613	Varney-2018	-96.42861298
604903.36	5601146.12	73.47206291	54140.56	53710.2	53569.64	54036.25591	-466.6159138	-260.4459138	Varney-2018	-85.0159138
604900.69	5601145.6	73.43204024	54140.49	53711.91	53571.42	54036.24939	-464.8293915	-258.6593915	Varney-2018	-83.22939152
604901.03	5601144.64	73.4399416	54140.45	53735.78	53595.33	54036.246	-440.9160011	-234.7460011	Varney-2018	-59.31600105
604902.15	5601144.21	73.45624599	54140.41	53753.35	53612.94	54036.24613	-423.306131	-217.136131	Varney-2018	-41.70613097
604902.36	5601144.48	73.45869598	54140.44	53772.67	53632.23	54036.24759	-404.0175882	-197.8475882	Varney-2018	-22.4175882
604903.46	5601143.31	73.47396284	54140.48	53779.96	53639.48	54036.24471	-396.7647145	-190.5947145	Varney-2018	-15.16471447
604904.65	5601143.88	73.4894403	54140.53	53776.78	53636.25	54036.24905	-399.9990507	-193.8290507	Varney-2018	-18.39905074

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604905.71	5601143.58	73.50254995	54140.58	53768.42	53627.84	54036.24967	-408.4096675	-202.2396675	Varney-2018	-26.80966749
604906.2	5601143.41	73.50826903	54140.55	53763.43	53622.88	54036.24984	-413.3698351	-207.1998351	Varney-2018	-31.76983508
604906.12	5601142.35	73.50416177	54140.52	53762.04	53621.52	54036.2455	-414.7254967	-208.5554967	Varney-2018	-33.12549666
604906.07	5601142.28	73.50339523	54140.42	53759.63	53619.21	54036.24513	-417.0351315	-210.8651315	Varney-2018	-35.43513147
604906.26	5601141.47	73.50302594	54140.32	53762.33	53622.01	54036.24226	-414.2322585	-208.0622585	Varney-2018	-32.6322585
604906.87	5601139.9	73.50336033	54140.23	53767.45	53627.22	54036.23716	-409.0171584	-202.8471584	Varney-2018	-27.41715845
604908.14	5601138.97	73.50927874	54140.13	53771.59	53631.46	54036.23585	-404.7758516	-198.6058516	Varney-2018	-23.17585161
604907.15	5601138.43	73.49969856	54140.13	53767.37	53627.24	54036.23189	-408.9918908	-202.8218908	Varney-2018	-27.3918908
604907.73	5601138.71	73.50498886	54140.13	53764.73	53624.6	54036.23407	-411.6340729	-205.4640729	Varney-2018	-30.03407289
604909.56	5601137.46	73.50945818	54140.2	53764.3	53624.1	54036.23266	-412.1326615	-205.9626615	Varney-2018	-30.53266147
604909.34	5601137.94	73.5113813	54140.28	53760.45	53620.17	54036.2341	-416.0640982	-209.8940982	Varney-2018	-34.46409819
604913.11	5601135.45	73.50771258	54140.34	53760.36	53620.02	54036.23188	-416.2118761	-210.0418761	Varney-2018	-34.61187614
604914.33	5601134.8	73.50383851	54140.4	53756.64	53616.24	54036.23186	-419.9918578	-213.8218578	Varney-2018	-38.39185781
604914.54	5601134.44	73.49986648	54140.38	53746.4	53606.02	54036.23094	-430.2109398	-224.0409398	Varney-2018	-48.6109398
604915.78	5601134.82	73.50796778	54140.36	53754.82	53614.46	54036.23481	-421.7748067	-215.6048067	Varney-2018	-40.17480672
604917.72	5601134.17	73.50261441	54140.32	53754.97	53614.65	54036.23631	-421.5863062	-215.4163062	Varney-2018	-39.98630619
604917.88	5601135.22	73.52015496	54140.28	53748.36	53608.08	54036.24041	-428.1604121	-221.9904121	Varney-2018	-46.56041209
604918.99	5601133.22	73.48826944	54140.28	53735.56	53595.28	54036.23546	-440.9554561	-234.7854561	Varney-2018	-59.35545615
604919.95	5601132.68	73.4789358	54140.27	53701.54	53561.27	54036.23549	-474.9654932	-268.7954932	Varney-2018	-93.36549322
604920.57	5601131.22	73.45061282	54140.29	53673.85	53533.56	54036.23162	-502.6716185	-296.5016185	Varney-2018	-121.0716185
604920.66	5601129.61	73.41893002	54140.32	53657.99	53517.67	54036.22614	-518.5561384	-312.3861384	Varney-2018	-136.9561384
604922.69	5601128.1	73.37913452	54140.36	53648.36	53508	54036.22526	-528.2252615	-322.0552615	Varney-2018	-146.6252615
604923.23	5601128.4	73.38011172	54140.41	53642.5	53502.09	54036.22756	-534.1375567	-327.9675567	Varney-2018	-152.5375567
604923.81	5601127.1	73.33844994	54140.45	53631.43	53490.98	54036.2246	-545.2446002	-339.0746002	Varney-2018	-163.6446002
604924.7	5601127.06	73.31890429	54140.5	53632.64	53492.14	54036.22678	-544.0867848	-337.9167848	Varney-2018	-162.4867848
604925.65	5601125.62	73.25888156	54140.48	53631.49	53491.01	54036.22451	-545.2145096	-339.0445096	Varney-2018	-163.6145096
604926.56	5601124.34	73.19890472	54140.46	53608.54	53468.08	54036.2228	-568.1427975	-361.9727975	Varney-2018	-186.5427975
604925.91	5601123.55	73.19375013	54140.4	53584.94	53444.54	54036.21841	-591.6784073	-385.5084073	Varney-2018	-210.0784073
604924.94	5601123.02	73.20724269	54140.34	53570.38	53430.04	54036.21392	-606.1739159	-400.0039159	Varney-2018	-224.5739159
604924.93	5601120.69	73.14607834	54140.3	53554.51	53414.21	54036.2061	-621.9961033	-415.8261033	Varney-2018	-240.3961033
604925.3	5601119.24	73.09396267	54140.25	53598.82	53458.57	54036.20239	-577.6323868	-371.4623868	Varney-2018	-196.0323868
604927.08	5601115.95	72.96038495	54140.31	53666.1	53525.79	54036.19629	-510.4062922	-304.2362922	Varney-2018	-128.8062922
604927.66	5601114.9	72.98422571	54140.37	53731.85	53591.48	54036.19261	-444.712608	-238.542608	Varney-2018	-63.11260801
604929.66	5601114.96	72.89453954	54140.43	53771.68	53631.25	54036.19934	-404.9493371	-198.7793371	Varney-2018	-23.34933707
604928.48	5601115.68	72.91212691	54140.5	53801.28	53660.78	54036.19936	-375.4193566	-169.2493566	Varney-2018	6.18064342
604928.57	5601115.06	72.9372132	54140.5	53804.85	53664.35	54036.19637	-371.8463706	-165.6763706	Varney-2018	9.753629425
604929.04	5601112.85	73.02021236	54140.5	53804.93	53664.43	54036.1862	-371.7562037	-165.5862037	Varney-2018	9.843796347
604929.74	5601112.56	73.00345647	54140.43	53839.13	53698.7	54036.18691	-337.4869139	-131.3169139	Varney-2018	44.11308611
604930.21	5601111.47	73.03416413	54140.36	53870.06	53729.7	54036.18266	-306.4826599	-100.3126599	Varney-2018	75.11734005
604930.45	5601109.8	73.10204346	54140.29	53916.29	53776	54036.1746	-260.1746038	-54.00460384	Varney-2018	121.4253962
604931.28	5601109.03	73.1023139	54140.22	53950.62	53810.4	54036.17319	-225.7731898	-19.60318975	Varney-2018	155.8268102
604931.42	5601109.59	73.07000187	54140.22	53974.9	53834.68	54036.1766	-201.4965973	4.673402653	Varney-2018	180.1034027
604931.39	5601109.69	73.06660615	54140.23	53999.89	53859.66	54036.17703	-176.5170299	29.65297009	Varney-2018	205.0829701
604931.65	5601108.77	73.09854809	54140.28	53992.09	53851.81	54036.173	-184.3629989	21.80700111	Varney-2018	197.2370011
604931.89	5601107.73	73.13700753	54140.34	53978.43	53838.09	54036.16827	-198.078269	8.091731005	Varney-2018	183.521731
604933.99	5601104.15	73.21491961	54140.39	53942.67	53802.28	54036.15605	-233.8760485	-27.7060485	Varney-2018	147.7239515
604937.64	5601099.91	73.25848719	54140.44	53903.47	53763.03	54036.14526	-273.1152553	-66.9452553	Varney-2018	108.4847447
604937.56	5601098.9	73.30958834	54140.43	53860.06	53719.63	54036.13965	-316.5096541	-110.3396541	Varney-2018	65.09034592
604938.21	5601097.85	73.33146879	54140.42	53815.83	53675.41	54036.13617	-360.7261656	-154.5561656	Varney-2018	20.87383442
604939.53	5601097.23	73.30456268	54140.35	53794.88	53654.53	54036.13708	-381.6070849	-175.4370849	Varney-2018	-0.007084857
604941.22	5601095.62	73.30891322	54140.27	53786.79	53646.52	54036.13393	-389.6139343	-183.4439343	Varney-2018	-8.01393432
604941.54	5601094.02	73.37116643	54140.24	53763.72	53623.48	54036.12647	-412.6464746	-206.4764746	Varney-2018	-31.04647458
604941.81	5601093.86	73.36730113	54140.2	53775.38	53635.18	54036.12649	-400.9464851	-194.7764851	Varney-2018	-19.34648507
604941.9	5601094.72	73.32269889	54140.19	53752.49	53612.3	54036.13133	-423.8313283	-217.6613283	Varney-2018	-42.2313283
604943	5601093.61	73.32870395	54140.18	53756.96	53616.78	54036.12894	-419.3489426	-213.1789426	Varney-2018	-37.74894264
604942.05	5601093.92	73.35427701	54140.21	53755.02	53614.81	54036.12757	-421.3175659	-215.1475659	Varney-2018	-39.71756592
604941.16	5601096.6	73.265022	54140.24	53751.11	53610.87	54036.13894	-425.2689355	-219.0989355	Varney-2018	-43.66893554
604946.07	5601091.76	73.28665892	54140.25	53754.33	53614.08	54036.12889	-422.0488871	-215.8788871	Varney-2018	-40.44888714
604946.5	5601090.86	73.31135209	54140.27	53747.88	53607.61	54036.12548	-428.5154783	-222.3454783	Varney-2018	-46.91547834
604947.56	5601089.13	73.34907802	54140.27	53761.02	53620.75	54036.11966	-415.3696637	-209.1996637	Varney-2018	-33.76966366
604949.93	5601088.81	73.26441841	54140.27	53791.96	53651.69	54036.12548	-384.4354837	-178.2654837	Varney-2018	-2.835483653
604948.95	5601087.5	73.36831565	54140.24	53823.8	53683.56	54036.11542	-352.5554212	-146.3854212	Varney-2018	29.04457876
604950.37	5601086.93	73.33580481	54140.21	53857.02	53716.81	54036.1169	-319.3068966	-113.1368966	Varney-2018	62.29310341
604954.01	5601085.1	73.27054111	54140.16	53860.65	53720.49	54036.11871	-315.6287084	-109.4587084	Varney-2018	65.97129158

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604955.05	5601085.26	73.21919035	54140.11	53871.67	53731.56	54036.12285	-304.562853	-98.39285303	Varney-2018	77.03714697
604956.62	5601082.36	73.29288881	54140.06	53918.25	53778.19	54036.1124	-257.9224035	-51.75240353	Varney-2018	123.6775965
604957.64	5601079.96	73.36587287	54140	53954.22	53814.22	54036.10286	-221.8828639	-15.71286391	Varney-2018	159.7171361
604959.05	5601079.04	73.3514374	54140	53947.07	53807.07	54036.10242	-229.0324249	-22.86242488	Varney-2018	152.5675751
604959.36	5601079.63	73.31003071	54140.01	53952.18	53812.17	54036.10654	-223.9365441	-17.76654411	Varney-2018	157.6634559
604959.83	5601080.49	73.24888589	54140.04	53966.72	53826.68	54036.11261	-209.4326066	-3.262606595	Varney-2018	172.1673934
604959.97	5601080.9	73.22323356	54140.08	53977.48	53837.4	54036.11523	-198.7152314	7.454768602	Varney-2018	182.8847686
604961.09	5601080.06	73.21707077	54140.1	53986.15	53846.05	54036.1143	-190.0643006	16.10569939	Varney-2018	191.5356994
604962.39	5601079.39	73.19526266	54140.12	54003.83	53863.71	54036.11484	-172.4048415	33.76515851	Varney-2018	209.1951585
604963.72	5601078.33	73.19120168	54140.09	54021.48	53881.39	54036.1134	-154.7233972	51.44660279	Varney-2018	226.8766028
604967.02	5601075.04	73.21382897	54140.06	54030.36	53890.3	54036.10628	-145.8062794	60.36372064	Varney-2018	235.7937206
604967.53	5601073.86	73.25011056	54140.01	54038.23	53898.22	54036.1016	-137.8815959	68.28840406	Varney-2018	243.7184041
604970.95	5601073.08	73.14651697	54139.96	54040.45	53900.49	54036.10822	-135.6182157	70.55178433	Varney-2018	245.9817843
604972.65	5601072.19	73.11969629	54139.96	54108.85	53968.89	54036.10882	-67.21882196	138.951178	Varney-2018	314.381178
604971.25	5601070.94	73.23866078	54139.96	54040.77	53900.81	54036.09774	-135.2877397	70.88226025	Varney-2018	246.3122603
604969.15	5601074.3	73.16153919	54140.01	54012.22	53872.21	54036.10905	-163.8990505	42.27094948	Varney-2018	217.7009495
604968.59	5601073.42	73.2276353	54140.07	53997.8	53857.73	54036.10259	-178.372591	27.79740897	Varney-2018	203.227409
604968.06	5601073.08	73.26614176	54140.1	53974.65	53834.55	54036.09911	-201.5491072	4.620892832	Varney-2018	180.0508928
604969.4	5601071.32	73.29651093	54140.14	53950.43	53810.29	54036.09394	-225.8039414	-19.63394138	Varney-2018	155.7960586
604974.02	5601067.36	73.29969898	54140.08	53954.4	53814.32	54036.08734	-221.7673426	-15.59734256	Varney-2018	159.8326574
604975.28	5601066.88	73.27144446	54140.01	53946.96	53806.95	54036.08874	-229.1387401	-22.96874005	Varney-2018	152.4612599
604976.97	5601065.91	73.24966954	54139.91	53953.9	53813.99	54036.08887	-222.0988687	-15.92886865	Varney-2018	159.5011313
604977.21	5601065.89	73.24080252	54139.81	53953.03	53813.22	54036.08952	-222.8695159	-16.69951594	Varney-2018	158.7304841
604977.88	5601065.49	73.23297903	54139.77	53951.17	53811.4	54036.08948	-224.689483	-18.51948305	Varney-2018	156.910517
604977.99	5601063.57	73.32291197	54139.73	53935.06	53795.33	54036.07956	-240.7495646	-34.57956456	Varney-2018	140.8504354
604977.75	5601062.23	73.39863378	54139.74	53925.6	53785.86	54036.07165	-250.211648	-44.04164805	Varney-2018	131.388352
604979.17	5601060.34	73.43368851	54139.75	53937.79	53798.04	54036.066	-238.0259969	-31.85599689	Varney-2018	143.5740031
604979.11	5601058.4	73.53167006	54139.81	53983.6	53843.79	54036.05543	-192.2654349	13.90456507	Varney-2018	189.3345651
604980.52	5601054.24	73.67946519	54139.88	54048.25	53908.37	54036.0376	-127.6675994	78.50240056	Varney-2018	253.9324006
604980.69	5601052.62	73.75248728	54139.92	54074.43	53934.51	54036.02947	-101.519465	104.650535	Varney-2018	280.080535
604980.91	5601050.72	73.83733394	54139.97	54062.83	53922.86	54036.01999	-113.1599882	93.01001182	Varney-2018	268.4400118
604981.73	5601048.98	73.8901982	54139.96	54031.96	53892	54036.01324	-144.0132385	62.15676151	Varney-2018	237.5867615
604981.48	5601048.61	73.91851521	54139.95	53990.42	53850.47	54036.01048	-185.5404787	20.62952128	Varney-2018	196.0595213
604980.46	5601048.27	73.97628059	54139.9	53951.71	53811.81	54036.00548	-224.1954777	-18.02547765	Varney-2018	157.4045223
604981.03	5601046.36	74.04761593	54139.85	53916.81	53776.96	54035.99704	-259.0370376	-52.86703757	Varney-2018	122.5629624
604981.1	5601045.7	74.07737591	54139.77	53917.48	53777.71	54035.99372	-258.2837248	-52.1137248	Varney-2018	123.3162752
604980.27	5601046.26	74.0830112	54139.69	53928.41	53788.72	54035.99413	-247.2741337	-41.10413373	Varney-2018	134.3258663
604980.92	5601043.55	74.19065271	54139.67	53935.08	53795.41	54035.98166	-240.571662	-34.40166202	Varney-2018	141.028338
604984.69	5601039.28	74.16435494	54139.64	53937.66	53798.02	54035.97285	-237.9528472	-31.78284719	Varney-2018	143.6471528
604984.58	5601039.49	74.1733236	54139.65	53940.18	53800.53	54035.97323	-235.4432319	-29.27323193	Varney-2018	146.1567681
604986.24	5601038.14	74.07799514	54139.67	53940.29	53800.62	54035.97371	-235.3537149	-29.18371487	Varney-2018	146.2462851
604987.16	5601037.06	74.01811955	54139.71	53941.06	53801.35	54035.97283	-234.6228286	-28.45282861	Varney-2018	146.9771714
604987.55	5601036.91	73.99945719	54139.76	53941.2	53801.44	54035.97352	-234.5335185	-28.36351849	Varney-2018	147.0664815
604988.63	5601036.65	73.95118022	54139.83	53941.08	53801.25	54035.97597	-234.7259665	-28.55596653	Varney-2018	146.8740335
604989.37	5601036.49	73.91851866	54139.9	53937.39	53797.49	54035.97771	-238.4877062	-32.31770616	Varney-2018	143.1122938
604989.32	5601036.47	73.9200617	54139.91	53932.15	53792.24	54035.97748	-243.7374817	-37.56748173	Varney-2018	137.8625183
604990.22	5601035.14	73.85600866	54139.93	53925.05	53785.12	54035.97566	-250.855655	-44.68565503	Varney-2018	130.744345
604990.77	5601035.55	73.84313711	54139.86	53916.35	53776.49	54035.97878	-259.4887827	-53.31878269	Varney-2018	122.1112173
604992.71	5601035.47	73.76501286	54139.78	53910.15	53770.37	54035.98452	-265.614516	-59.44451598	Varney-2018	115.985484
604993.86	5601033.9	73.68650573	54139.68	53904.52	53764.84	54035.98262	-271.1426163	-64.97261634	Varney-2018	110.4573837
604992.76	5601032.47	73.699312	54139.58	53896.47	53756.89	54035.97424	-279.0842393	-72.91423935	Varney-2018	102.5157607
604993.91	5601029.99	73.60184728	54139.55	53897.59	53758.04	54035.96917	-277.9291655	-71.75916553	Varney-2018	103.6708345
604994.52	5601030.19	73.58231437	54139.52	53889.76	53750.24	54035.97174	-285.7317446	-79.56174457	Varney-2018	95.86825543
604993.65	5601030.18	73.61599395	54139.58	53887.81	53748.23	54035.96902	-287.739024	-81.56902404	Varney-2018	93.86097596
604993.48	5601029.69	73.61223564	54139.65	53880	53740.35	54035.96679	-295.6167947	-89.44679465	Varney-2018	85.98320535
604993.08	5601028.74	73.60764472	54139.77	53865.33	53725.56	54035.96226	-310.4022563	-104.2322563	Varney-2018	71.19774373
604991.61	5601028.94	73.66900253	54139.9	53834.44	53694.54	54035.95842	-341.4184179	-135.2484179	Varney-2018	40.18158214
604992.7	5601027.22	73.59010466	54139.95	53798.55	53658.6	54035.9558	-377.3557992	-171.1857992	Varney-2018	4.244200759
604993.25	5601025.93	73.54145994	54140.01	53778.42	53638.41	54035.95301	-397.5430066	-191.3730066	Varney-2018	-15.94300662
604994.8	5601024.2	73.44515601	54139.94	53756.17	53616.23	54035.95175	-419.721754	-213.551754	Varney-2018	-38.121754
604996.72	5601022.56	73.33699377	54139.87	53736.63	53596.76	54035.95194	-439.1919395	-233.0219395	Varney-2018	-57.59193947
604996.11	5601023.07	73.37107043	54139.74	53692.89	53553.15	54035.95184	-482.8018436	-276.6318436	Varney-2018	-101.2018436
604999.13	5601019.73	73.16410077	54139.61	53690.4	53550.79	54035.95004	-485.16004	-278.99004	Varney-2018	-103.56004
604999.44	5601019.45	73.11701926	54139.54	53696.81	53557.27	54035.95079	-478.6807943	-272.5107943	Varney-2018	-97.08079426

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
604999.99	5601018.7	73.02829662	54139.47	53697.88	53558.41	54035.95125	-477.541247	-271.371247	Varney-2018	-95.94124701
605000.01	5601017.45	72.99982892	54139.54	53689.82	53550.28	54035.94699	-485.6669923	-279.4969923	Varney-2018	-104.0669923
605001.07	5601015.56	72.82002101	54139.62	53683.28	53543.66	54035.9463	-492.2863024	-286.1163024	Varney-2018	-110.6863024
605001.76	5601013.84	72.69312883	54139.75	53688.63	53548.88	54035.94414	-487.0641357	-280.8941357	Varney-2018	-105.4641357
605002.27	5601014.67	72.64243841	54139.89	53687.59	53547.7	54035.94988	-488.2498818	-282.0798818	Varney-2018	-106.6498818
605003.18	5601013.9	72.50595919	54139.94	53677.95	53538.01	54035.95226	-497.9422601	-291.7722601	Varney-2018	-116.3422601
605004	5601012.29	72.36448792	54140	53678.83	53538.83	54035.95119	-497.1211916	-290.9511916	Varney-2018	-115.5211916
605007.54	5601009.89	71.84734371	54139.95	53687.63	53547.68	54035.96248	-488.2824836	-282.1124836	Varney-2018	-106.6824836
605008.58	5601009.91	71.71012304	54139.9	53693.11	53553.21	54035.96834	-482.7583408	-276.5883408	Varney-2018	-101.1583408
605008.57	5601009.96	71.7124412	54139.81	53701.53	53561.72	54035.96846	-474.2484608	-268.0784608	Varney-2018	-92.64846079
605010.3	5601009.85	71.48133522	54139.72	53713.11	53573.39	54035.9777	-462.5877005	-256.4177005	Varney-2018	-80.98770047
605010.68	5601009.56	71.42533586	54139.69	53719.42	53579.73	54035.97879	-456.2487947	-250.0787947	Varney-2018	-74.64879471
605011.57	5601008.78	71.29227562	54139.65	53723.72	53584.07	54035.981	-451.9110008	-245.7410008	Varney-2018	-70.31100076
605011.8	5601007.85	71.24362017	54139.73	53728.44	53588.71	54035.97901	-447.269006	-241.099006	Varney-2018	-65.66900597
605012.07	5601007.17	71.19461749	54139.81	53725.28	53585.47	54035.97811	-450.5081128	-244.3381128	Varney-2018	-68.90811275
605013.93	5601005.06	70.9079358	54139.93	53733.08	53593.15	54035.98101	-442.8310122	-236.6610122	Varney-2018	-61.23101217
605014.26	5601004.75	70.85839302	54140.05	53749.14	53609.09	54035.98175	-426.8917516	-220.7217516	Varney-2018	-45.2917516
605016.63	5601002.45	70.50169684	54140.09	53759.43	53619.34	54035.98679	-416.6467881	-210.4767881	Varney-2018	-35.04678813
605017.47	5601001.21	70.36737831	54140.14	53764.72	53624.58	54035.98707	-411.4070661	-205.2370661	Varney-2018	-29.80706608
605016.79	5601000.87	70.45032332	54140.05	53756.09	53616.04	54035.9821	-419.9420951	-213.7720951	Varney-2018	-38.34209513
605016.36	5601001.76	70.523989	54139.95	53761.81	53621.86	54035.98285	-414.122854	-207.952854	Varney-2018	-32.52285403
605018.77	5600998.21	70.13931616	54139.85	53766.8	53626.95	54035.98366	-409.0336639	-202.8636639	Varney-2018	-27.43366386
605019.73	5600997.59	70.00152902	54139.74	53778.7	53638.96	54035.98679	-397.0267856	-190.8567856	Varney-2018	-15.42678559
605021.66	5600996.36	69.72514245	54139.71	53797.7	53657.99	54035.99311	-378.0031115	-171.8331115	Varney-2018	3.596888457
605021.58	5600997.07	69.74895553	54139.68	53806.71	53667.03	54035.99518	-368.9651845	-162.7951845	Varney-2018	12.63481551
605022.62	5600996.45	69.60092366	54139.73	53819.02	53679.29	54035.99874	-356.7087423	-150.5387423	Varney-2018	24.89125769
605023.51	5600996.2	69.47954899	54139.78	53822.85	53683.07	54036.00278	-352.93278	-146.76278	Varney-2018	28.66722003
605027.17	5600992.83	68.93802272	54139.84	53822.73	53682.89	54036.01105	-353.1210456	-146.9510456	Varney-2018	28.47895444
605028.41	5600991.72	68.75561971	54139.91	53826.45	53686.54	54036.01395	-349.473946	-143.303946	Varney-2018	32.12605404
605028.66	5600993.59	68.7568656	54139.93	53826.68	53686.75	54036.02198	-349.2719827	-143.1019827	Varney-2018	32.32801726
605030.42	5600991.53	68.48941351	54139.96	53826.53	53686.57	54036.02437	-349.4543686	-143.2843686	Varney-2018	32.14563139
605031.58	5600990.52	68.31970506	54139.92	53828.78	53688.86	54036.02717	-347.167172	-140.997172	Varney-2018	34.432828
605031.26	5600990.33	68.358104	54139.88	53825.26	53685.38	54036.02473	-350.6447283	-144.4747283	Varney-2018	30.95527167
605030.38	5600990.26	68.47178903	54139.82	53826.21	53686.39	54036.01962	-349.6296221	-143.4596221	Varney-2018	31.97037786
605029.14	5600992.23	68.66941188	54139.75	53825.08	53685.33	54036.01979	-350.6897931	-144.5197931	Varney-2018	30.9102069
605028.65	5600992.51	68.73857721	54139.75	53825.76	53686.01	54036.01808	-350.0080833	-143.8380833	Varney-2018	31.59191673
605029.43	5600990.92	68.60780251	54139.76	53825.33	53685.57	54036.01673	-350.4467296	-144.2767296	Varney-2018	31.15327035
605028.87	5600991.49	68.69131009	54139.79	53825.43	53685.64	54036.01567	-350.3756674	-144.2056674	Varney-2018	31.2243326
605029.76	5600990.02	68.54843725	54139.83	53829.82	53689.99	54036.01535	-346.0253456	-139.8553456	Varney-2018	35.57465444
605029.72	5600989.24	68.53958005	54139.86	53836.58	53696.72	54036.01235	-339.2923465	-133.1223465	Varney-2018	42.30765348
605029.5	5600989.4	68.57118675	54139.9	53844.15	53704.25	54036.0117	-331.7617027	-125.5917027	Varney-2018	49.83829729
605030.06	5600985.71	68.43158167	54139.94	53851.86	53711.92	54036.00165	-324.0816457	-117.9116457	Varney-2018	57.51835429
605030.81	5600985.71	68.33391979	54139.99	53852.5	53712.51	54036.00578	-323.495777	-117.325777	Varney-2018	58.10422304
605030.95	5600985.16	68.30581977	54139.95	53853.96	53714.01	54036.00459	-321.9945875	-115.8245875	Varney-2018	59.6054125
605030.4	5600985.44	68.38245016	54139.91	53857.24	53717.33	54036.00256	-318.6725564	-112.5025564	Varney-2018	62.9274436
605030.65	5600983.73	68.31917123	54139.88	53865.9	53726.02	54035.99784	-309.9778387	-103.8078387	Varney-2018	71.62216128
605031.03	5600980.68	68.21504363	54139.84	53872.18	53732.34	54035.98906	-303.649057	-97.47905697	Varney-2018	77.95094303
605030.48	5600979.49	68.26501751	54139.81	53881.63	53741.82	54035.98179	-294.161793	-87.99179297	Varney-2018	87.43820703
605031.53	5600978.35	68.10846101	54139.77	53879.64	53739.87	54035.9835	-296.1134962	-89.9434962	Varney-2018	85.4865038
605031.21	5600977.86	68.14114261	54139.8	53878.43	53738.63	54035.97999	-297.3499919	-91.17999194	Varney-2018	84.25000806
605032.33	5600976.05	67.96380531	54139.84	53884.9	53745.06	54035.97968	-290.9196828	-84.74968285	Varney-2018	90.68031715
605032.92	5600974.57	67.86117091	54139.88	53887.9	53748.02	54035.97764	-287.9576369	-81.78763691	Varney-2018	93.64236309
605033.31	5600975.05	67.81928061	54139.92	53892.38	53752.46	54035.98149	-283.5214888	-77.35148884	Varney-2018	98.07851116
605032.54	5600976.33	67.94162276	54139.92	53896.88	53756.96	54035.98183	-279.0218341	-72.85183408	Varney-2018	102.5781659
605033.74	5600975.12	67.76492685	54139.93	53896.17	53756.24	54035.9841	-279.7440968	-73.5740968	Varney-2018	101.8559032
605038.75	5600970	67.02878033	54139.9	53898.49	53758.59	54035.99323	-277.4032265	-71.23322646	Varney-2018	104.1967735
605039.38	5600968.21	66.9168028	54139.86	53907.33	53767.47	54035.99026	-268.5202578	-62.35025785	Varney-2018	113.0797422
605040.52	5600966.42	66.73947036	54139.82	53912.96	53773.14	54035.99007	-262.8500705	-56.68007049	Varney-2018	118.7499295
605041.32	5600965.28	66.61721822	54139.78	53921.6	53781.82	54035.99035	-254.1703502	-48.00035017	Varney-2018	127.4296498
605042.05	5600963.89	66.4728978	54139.8	53923.88	53784.08	54035.99006	-251.9100614	-45.74006138	Varney-2018	129.6899386
605042.36	5600962.67	66.36663639	54139.83	53928.12	53788.29	54035.98859	-247.6985873	-41.52858731	Varney-2018	133.9014127
605043.31	5600961.07	66.16049983	54139.85	53929.82	53789.97	54035.98954	-246.0195418	-39.84954177	Varney-2018	135.5804582
605046.1	5600959.67	65.74051786	54139.88	53926.24	53786.36	54036.00076	-249.6407565	-43.47075651	Varney-2018	131.9592435
605047.6	5600958.18	65.48133419	54139.86	53929.89	53790.03	54036.00469	-245.9746923	-39.80469232	Varney-2018	135.6253077

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605047.82	5600956.2	65.35678459	54139.83	53930.28	53790.45	54036.00045	-245.5504475	-39.38044752	Varney-2018	136.0495525
605046.8	5600954.7	65.4038832	54139.83	53928.79	53788.96	54035.99104	-247.0310419	-40.86104193	Varney-2018	134.5689581
605046.77	5600952.88	65.3157928	54139.84	53924.24	53784.4	54035.98596	-251.585963	-45.41596298	Varney-2018	130.014037
605047.15	5600953	65.2773491	54139.9	53922.07	53782.17	54035.98825	-253.8182482	-47.6482482	Varney-2018	127.7817518
605048.43	5600952.89	65.12213768	54139.97	53914.88	53774.91	54035.99455	-261.0845502	-54.91455018	Varney-2018	120.5154498
605048.2	5600953.83	65.19506617	54140.07	53914.63	53774.56	54035.99594	-261.4359415	-55.26594145	Varney-2018	120.1640585
605048.76	5600953.94	65.13438001	54140.17	53906.83	53766.66	54035.99915	-269.339146	-63.16914602	Varney-2018	112.260854
605049.43	5600951.55	64.94116776	54140.18	53908.22	53768.04	54035.99599	-267.9559902	-61.78599022	Varney-2018	113.6440098
605049.78	5600952.26	64.93435962	54140.2	53905.86	53765.66	54035.99976	-270.3397587	-64.16975865	Varney-2018	111.2602413
605050.33	5600951.61	64.83988954	54140.15	53903.19	53763.04	54036.00077	-272.9607679	-66.7907679	Varney-2018	108.6392321
605050.76	5600950.91	64.75760257	54140.1	53897.82	53757.72	54036.00101	-278.2810054	-72.11100544	Varney-2018	103.3189946
605051.09	5600949.78	64.66749343	54140.04	53896.23	53756.19	54035.99951	-279.8095076	-73.63950755	Varney-2018	101.7904924
605052.23	5600947.11	64.41735937	54139.98	53884.86	53744.88	54035.9977	-291.1176956	-84.94769564	Varney-2018	90.48230436
605052.76	5600947.94	64.39530682	54140	53881.95	53741.95	54036.00272	-294.0527231	-87.88272308	Varney-2018	87.54727692
605053.01	5600947.16	64.3327353	54140.03	53873.95	53733.92	54036.00174	-302.0817446	-95.91174462	Varney-2018	79.51825538
605053.87	5600945.35	64.15832309	54140.13	53860.84	53720.71	54036.00082	-315.2908239	-109.1208239	Varney-2018	66.30917608
605055.35	5600944.7	63.96879351	54140.23	53851.3	53711.07	54036.00626	-324.936265	-118.766265	Varney-2018	56.66373501
605055.43	5600943.87	63.92528169	54140.29	53847.05	53706.76	54036.00423	-329.2442297	-123.0742297	Varney-2018	52.35577029
605055.44	5600942.66	63.87348908	54140.35	53847.27	53706.92	54036.00073	-329.0807348	-122.9107348	Varney-2018	52.51926518
605055.55	5600941.13	63.79776167	54140.35	53852.64	53712.29	54035.99679	-323.7067872	-117.5367872	Varney-2018	57.89321281
605054.46	5600941.4	63.92433394	54140.34	53851.26	53710.92	54035.99228	-325.0722818	-118.9022818	Varney-2018	56.52771823
605054.56	5600940.95	63.89451198	54140.32	53849.58	53709.26	54035.99146	-326.7314599	-120.5614599	Varney-2018	54.86854009
605056.91	5600938.2	63.53567827	54140.29	53848.67	53708.38	54035.99469	-327.6146934	-121.4446934	Varney-2018	53.98530662
605057.61	5600936.7	63.40413158	54140.32	53855.26	53714.94	54035.99356	-321.0535595	-114.8835595	Varney-2018	60.5464405
605058.63	5600935.92	63.27065621	54140.35	53864.08	53723.73	54035.99604	-312.2660434	-106.0960434	Varney-2018	69.33395658
605058.91	5600936.17	63.25216889	54140.37	53870.75	53730.38	54035.99812	-305.6181191	-99.44811914	Varney-2018	75.98188086
605059.33	5600934.55	63.14813435	54140.4	53875.66	53735.26	54035.9952	-300.7351954	-94.56519542	Varney-2018	80.86480458
605059.76	5600932.94	63.04482772	54140.4	53886.28	53745.88	54035.99231	-290.1123133	-83.94231332	Varney-2018	91.48768668
605063.46	5600931.96	62.65058106	54140.4	53886.15	53745.75	54036.00641	-290.2564111	-84.08641108	Varney-2018	91.34358892
605065.46	5600928.76	62.35457922	54140.39	53889.01	53748.62	54036.00544	-287.3854403	-81.21544029	Varney-2018	94.21455971
605068.75	5600925.91	61.96465213	54140.37	53884.63	53744.26	54036.01102	-291.7510248	-85.58102483	Varney-2018	89.84897517
605068.96	5600924.75	61.91227816	54140.39	53894.09	53753.7	54036.00816	-282.3081581	-76.13815806	Varney-2018	99.29184194
605069.19	5600923.13	61.84549565	54140.41	53897.02	53756.61	54036.00386	-279.3938558	-73.22385579	Varney-2018	102.2061442
605070.33	5600922.75	61.73480548	54140.45	53892.49	53752.04	54036.0076	-283.967598	-77.79759797	Varney-2018	97.63240203
605072	5600921.03	61.544196	54140.5	53885.93	53745.43	54036.00913	-290.5791339	-84.40913394	Varney-2018	91.02086606
605070.32	5600922.58	61.73102173	54140.54	53881.06	53740.52	54036.00699	-295.4869909	-89.31699086	Varney-2018	86.11300914
605073.93	5600919.38	61.33895441	54140.58	53871.93	53731.35	54036.01187	-304.6618749	-98.4918749	Varney-2018	76.9381251
605074.42	5600919.13	61.29178932	54140.59	53865.7	53725.11	54036.01312	-310.9031222	-104.7331222	Varney-2018	70.69687778
605075.85	5600917.48	61.20803452	54140.61	53868.2	53727.59	54036.01161	-308.4216132	-102.2516132	Varney-2018	73.17838683
605079.15	5600913.16	61.06832821	54140.63	53872.19	53731.56	54036.00464	-304.4446391	-98.27463907	Varney-2018	77.15536093
605080.95	5600909.25	60.95996711	54140.66	53872.94	53732.28	54035.99541	-303.7154099	-97.54540991	Varney-2018	77.88459009
605080.98	5600908.44	60.94179478	54140.67	53872.88	53732.21	54035.99268	-303.7826804	-97.61268042	Varney-2018	77.81731958
605081.17	5600904.74	60.8583084	54140.68	53878.99	53738.31	54035.98033	-297.6703338	-91.5003338	Varney-2018	83.9296662
605082.03	5600903.65	60.82508076	54140.71	53890.65	53749.94	54035.97858	-286.0385766	-79.86857664	Varney-2018	95.56142336
605081.71	5600903.61	60.82765962	54140.74	53895.42	53754.68	54035.97769	-281.2976895	-75.12768946	Varney-2018	100.3023105
605081.36	5600903.59	60.83099628	54140.77	53899.39	53758.62	54035.9768	-277.3568014	-71.1868014	Varney-2018	104.2431986
605082.13	5600903.03	60.81048177	54140.8	53899.43	53758.63	54035.97666	-277.3466639	-71.17666388	Varney-2018	104.2533361
605082.36	5600902.5	60.79648684	54140.85	53899.48	53758.63	54035.97537	-277.3453657	-71.17536573	Varney-2018	104.2546343
605080.57	5600903.81	60.84437045	54140.91	53900.87	53759.96	54035.97571	-276.0157134	-69.84571335	Varney-2018	105.5842866
605081.33	5600904.49	60.85106671	54140.95	53900.86	53759.91	54035.97984	-276.0698442	-69.89984423	Varney-2018	105.5301558
605084.97	5600900.71	60.73064926	54141	53902.08	53761.08	54035.97524	-274.8952386	-68.72523861	Varney-2018	106.7047614
605086.45	5600898.99	60.67915935	54141.01	53897.63	53756.62	54035.97269	-279.3526933	-73.18269326	Varney-2018	102.2473067
605086.58	5600898.38	60.66501561	54141.03	53892.69	53751.66	54035.97087	-284.3108704	-78.14087043	Varney-2018	97.28912957
605085.87	5600899.47	60.69512644	54140.98	53893.9	53752.92	54035.97302	-283.0530183	-76.88301831	Varney-2018	98.54698169
605085.39	5600899.99	60.71102097	54140.93	53894.71	53753.78	54035.97371	-282.1937123	-76.02371228	Varney-2018	99.40628772
605085.84	5600900.7	60.72147925	54140.87	53895.44	53754.57	54035.97723	-281.407228	-75.23722801	Varney-2018	100.192772
605086.21	5600901.09	60.7259055	54140.81	53894.34	53753.53	54035.97945	-282.4494464	-76.27944636	Varney-2018	99.15055364
605087.02	5600900.75	60.71038001	54140.79	53890.9	53750.11	54035.98015	-285.8701476	-79.70014763	Varney-2018	95.72985237
605087.23	5600900.98	60.71303342	54140.76	53889.28	53748.52	54035.98144	-287.4614379	-81.2914379	Varney-2018	94.1385621
605087.19	5600900.61	60.70569527	54140.77	53888.25	53747.48	54035.98006	-288.5000553	-82.33005527	Varney-2018	93.09994473
605086.1	5600900.38	60.7120393	54140.79	53885.63	53744.84	54035.97672	-291.1367192	-84.96671923	Varney-2018	90.46328077
605087.39	5600899.76	60.68585973	54140.81	53883.11	53742.3	54035.97756	-293.6775573	-87.50755735	Varney-2018	87.92244265
605087.63	5600900.82	60.7055562	54140.83	53884.96	53744.13	54035.98181	-291.8518111	-85.6818111	Varney-2018	89.7481889
605088.37	5600900.17	60.6844343	54140.81	53882.34	53741.53	54035.98126	-294.4512644	-88.28126439	Varney-2018	87.14873561

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605087.95	5600900.38	60.69309337	54140.78	53879.52	53738.74	54035.98102	-297.2410208	-91.07102081	Varney-2018	84.35897919
605086.7	5600901.57	60.73092479	54140.75	53880.16	53739.41	54035.98226	-296.5722591	-90.40225909	Varney-2018	85.02774091
605085.69	5600902.81	60.76776473	54140.71	53880.61	53739.9	54035.98422	-296.0842185	-89.91421855	Varney-2018	85.51578145
605085.86	5600902.47	60.75875424	54140.69	53880.49	53739.8	54035.98343	-296.1834327	-90.01343275	Varney-2018	85.41656725
605086.23	5600902.42	60.75377874	54140.66	53880.91	53740.25	54035.98412	-295.7341225	-89.56412249	Varney-2018	85.86587751
605087.27	5600900.52	60.70298851	54140.66	53878.7	53738.04	54035.97993	-297.9399277	-91.76992766	Varney-2018	83.66007234
605087.43	5600899.29	60.6756264	54140.66	53876.39	53735.73	54035.97601	-300.2460117	-94.0760117	Varney-2018	81.3539883
605088.26	5600897.58	60.63176226	54140.67	53879.04	53738.37	54035.97197	-297.6019697	-91.43196968	Varney-2018	83.99803032
605089.41	5600896.47	60.59768993	54140.68	53878.43	53737.75	54035.97075	-298.2207496	-92.0507496	Varney-2018	83.3792504
605091.28	5600895.93	60.56883423	54140.68	53874.71	53734.03	54035.97317	-301.943173	-95.773173	Varney-2018	79.656827
605091.28	5600894.62	60.54229379	54140.67	53894.1	53753.43	54035.96858	-282.5385834	-76.36858339	Varney-2018	99.06141661
605091.73	5600893.82	60.52197619	54140.63	53950.68	53810.05	54035.96681	-225.9168137	-19.74681367	Varney-2018	155.6831863
605092.98	5600893.76	60.509362	54140.58	54009.18	53868.6	54035.96947	-167.3694727	38.80052729	Varney-2018	214.2305273
605091.87	5600895.37	60.55194592	54140.53	53966.17	53825.64	54035.97257	-210.3325696	-4.162569631	Varney-2018	171.2674304
605092.99	5600896.25	60.55899846	54140.48	53943.84	53803.36	54035.97824	-232.6182385	-26.44823851	Varney-2018	148.9817615
605093.65	5600896.7	60.56163667	54140.43	53980.4	53839.97	54035.98134	-196.0113423	10.15865773	Varney-2018	185.5886577
605092.64	5600899.55	60.6284379	54140.38	54051.11	53910.73	54035.98901	-125.2590129	80.9109871	Varney-2018	256.3409871
605094.33	5600899.1	60.60248249	54140.34	54097.44	53957.1	54035.99135	-78.89135342	127.2786466	Varney-2018	302.7086466
605094.9	5600900.63	60.62683018	54140.29	54029.48	53889.19	54035.99806	-146.8080607	59.36193931	Varney-2018	234.7919393
605095.34	5600899.84	60.60684215	54140.28	53923.38	53783.1	54035.9963	-252.8963021	-46.72630211	Varney-2018	128.7036979
605096.91	5600898.85	60.57179141	54140.27	53878.57	53738.3	54035.99646	-297.6964554	-91.52645536	Varney-2018	83.90354464
605097.66	5600898.32	60.5541381	54140.27	53855.64	53715.37	54035.99632	-320.6263221	-114.4563221	Varney-2018	60.97367793
605097.31	5600899.54	60.58107472	54140.28	53841.17	53700.89	54035.99982	-335.1098188	-128.9398188	Varney-2018	46.49018125
605099.39	5600897.1	60.5139779	54140.29	53835.61	53695.32	54035.99601	-340.67601	-134.50601	Varney-2018	40.92399001
605099.33	5600895.37	60.48186255	54140.31	53836.86	53696.55	54035.98975	-339.4397479	-133.2697479	Varney-2018	42.16025215
605102.05	5600893.15	60.41537217	54140.28	53834.88	53694.6	54035.98813	-341.3881262	-135.2181262	Varney-2018	40.21187378
605106.53	5600888.12	60.29346934	54140.24	53835.62	53695.38	54035.98023	-340.6002335	-134.4302335	Varney-2018	40.99976653
605108.59	5600885.1	60.26425105	54140.16	53831.24	53691.08	54035.97303	-344.8930348	-138.7230348	Varney-2018	36.70696522
605107.37	5600886.07	60.27733029	54140.07	53830.21	53690.14	54035.9741	-345.8341024	-139.6641024	Varney-2018	35.76589761
605107.51	5600885.1	60.27191159	54140	53834.04	53694.04	54035.97061	-341.9306138	-135.7606138	Varney-2018	39.66938619
605108.56	5600883.87	60.25932944	54139.93	53842.45	53702.52	54035.96813	-333.4481333	-127.2781333	Varney-2018	48.15186675
605109.2	5600883.28	60.25270704	54139.89	53845.84	53705.95	54035.96724	-330.0172389	-123.8472389	Varney-2018	51.58276107
605109.02	5600884.22	60.2576597	54139.85	53848.52	53708.67	54035.97054	-327.3005365	-121.1305365	Varney-2018	54.29946349
605109.76	5600883.42	60.24959702	54139.86	53852.34	53712.48	54035.96904	-323.4890371	-117.3190371	Varney-2018	58.11096287
605111.22	5600882.04	60.23547839	54139.88	53856.89	53717.01	54035.96683	-318.9568331	-112.7868331	Varney-2018	62.64316692
605112.2	5600881.24	60.22711612	54139.93	53858.1	53718.17	54035.96583	-317.7958345	-111.6258345	Varney-2018	63.80416553
605114.22	5600879.8	60.21197998	54139.98	53859.39	53719.41	54035.96456	-316.5545649	-110.3845649	Varney-2018	65.04543513
605115.6	5600880.29	60.2054977	54140	53861.04	53721.04	54035.96955	-314.9295507	-108.7595507	Varney-2018	66.67044927
605117.58	5600878.89	60.19283638	54140.03	53858.89	53718.86	54035.96829	-317.108295	-110.938295	Varney-2018	64.49170503
605120.03	5600874.85	60.1786759	54139.98	53863.47	53723.49	54035.95738	-312.4673757	-106.2973757	Varney-2018	69.13262433
605120.52	5600873.01	60.17633774	54139.92	53860.14	53720.22	54035.95101	-315.7310083	-109.5610083	Varney-2018	65.86899169
605127.1	5600869.38	60.16242314	54139.84	53864.97	53725.13	54035.95022	-310.82022	-104.65022	Varney-2018	70.77978004
605131.94	5600866.34	60.16341371	54139.75	53861.3	53721.55	54035.94785	-314.3978474	-108.2278474	Varney-2018	67.20215262
605127.14	5600869.84	60.16147635	54139.74	53862.59	53722.85	54035.95219	-313.1021861	-106.9321861	Varney-2018	68.49781388
605126.34	5600868.08	60.16603046	54139.73	53864.54	53724.81	54035.94331	-311.1333102	-104.9633102	Varney-2018	70.46668976
605126.14	5600871.5	60.16099931	54139.8	53865.9	53726.1	54035.95685	-309.8568535	-103.6868535	Varney-2018	71.74314646
605124.39	5600870.16	60.16697437	54139.88	53874.09	53734.21	54035.94769	-301.7376865	-95.56768645	Varney-2018	79.86231355
605122.52	5600868.57	60.17172815	54140	53878.9	53738.9	54035.9373	-297.0372951	-90.86729508	Varney-2018	84.56270492
605122.57	5600865.39	60.17290389	54140.12	53862.43	53722.31	54035.92452	-313.6145159	-107.4445159	Varney-2018	67.9854841
605123.82	5600864.24	60.17300044	54140.19	53878.22	53738.03	54035.92243	-297.8924329	-91.72243288	Varney-2018	83.70756712
605123.81	5600863.59	60.17352397	54140.27	53906.87	53766.6	54035.91977	-269.3197717	-63.14977174	Varney-2018	112.2802283
605123.15	5600862.23	60.17437029	54140.25	53920.06	53779.81	54035.9129	-256.1028981	-49.93289813	Varney-2018	125.4971019
605124.46	5600858.37	60.17876317	54140.23	53930.94	53790.71	54035.89987	-245.1898729	-39.01987295	Varney-2018	136.4101271
605123.09	5600855.17	60.17834492	54140.16	53945.45	53805.29	54035.88414	-230.5941393	-24.4241393	Varney-2018	151.0058607
605123.45	5600852.57	60.18108395	54140.09	53969.05	53828.96	54035.8743	-206.914299	-0.744298985	Varney-2018	174.685701
605124.76	5600852.69	60.18556163	54140.06	53972.34	53832.28	54035.87736	-203.5973551	2.572644876	Varney-2018	178.0026449
605126.43	5600851.52	60.19331165	54140.02	53977.34	53837.32	54035.87585	-198.5558506	7.614149355	Varney-2018	183.0441494
605128.81	5600851.22	60.20323385	54140.05	53970.91	53830.86	54035.87926	-205.0192622	1.150737762	Varney-2018	176.5807378
605129.64	5600851.26	60.20641275	54140.09	53967.55	53827.46	54035.88104	-208.4210439	-2.251043892	Varney-2018	173.1789561
605130.32	5600851.27	60.20906762	54140.17	53968.49	53828.32	54035.88241	-207.5624102	-1.3924102	Varney-2018	174.0375898
605131.36	5600850.81	60.21467088	54140.26	53971.26	53831	54035.88254	-204.8825382	1.287461804	Varney-2018	176.7174618
605133.67	5600849.99	60.22742274	54140.31	53972.16	53831.85	54035.88363	-204.0336296	2.136370417	Varney-2018	177.5663704
605133.59	5600849.26	60.22998778	54140.36	53981	53840.64	54035.88045	-195.2404472	10.92955276	Varney-2018	186.3595528
605133.12	5600849.76	60.22590671	54140.35	53980.74	53840.39	54035.88161	-195.491611	10.67838904	Varney-2018	186.108389

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605133.03	5600849.67	60.22585023	54140.33	53984.15	53843.82	54035.88106	-192.061064	14.10893605	Varney-2018	189.538936
605132.93	5600850.2	60.22340213	54140.27	53985.57	53845.3	54035.88307	-190.5830654	15.58693465	Varney-2018	191.0169346
605133.02	5600851.28	60.21967827	54140.25	53985.59	53845.34	54035.88771	-190.5477134	15.62228664	Varney-2018	191.0522866
605133.85	5600850.81	60.22486504	54140.19	53987.58	53847.39	54035.88738	-188.4973808	17.67261923	Varney-2018	193.1026192
605134.72	5600850.4	60.23021462	54140.17	53989.07	53848.9	54035.88737	-186.9873685	19.18263153	Varney-2018	194.6126315
605135.93	5600849.19	60.24108401	54140.16	54002.85	53862.69	54035.88467	-173.194675	32.97532501	Varney-2018	208.405325
605135.55	5600848.01	60.24479224	54140.14	53999.35	53859.21	54035.87903	-176.6690278	29.50097222	Varney-2018	204.9309722
605134.86	5600847.17	60.24503814	54140.16	53990.03	53849.87	54035.87421	-186.0042099	20.16579014	Varney-2018	195.5957901
605134.19	5600846.27	60.24526821	54140.19	53982.49	53842.3	54035.86919	-193.5691909	12.60080905	Varney-2018	188.0308091
605132.97	5600845.7	60.24062644	54140.21	53984.06	53843.85	54035.86451	-192.0145055	14.15549452	Varney-2018	189.5854945
605132.6	5600845.09	60.24073274	54140.24	53974.78	53834.54	54035.86128	-201.3212778	4.848722196	Varney-2018	180.2787222
605133.01	5600845.52	60.24154134	54140.25	53971.88	53831.63	54035.86384	-204.2338359	1.93616406	Varney-2018	177.3661641
605131.9	5600844.63	60.23814318	54140.27	53966.31	53826.04	54035.85805	-209.8180502	-3.64805019	Varney-2018	171.7819498
605130.67	5600844.4	60.23132654	54140.23	53961.56	53821.33	54035.85478	-214.5247759	-8.354775864	Varney-2018	167.0752241
605129.78	5600844.26	60.22620644	54140.19	53936.28	53796.09	54035.85252	-239.7625184	-33.59251839	Varney-2018	141.8374816
605130.57	5600843.47	60.23350402	54140.17	53921.83	53781.66	54035.85075	-254.1907545	-48.0207545	Varney-2018	127.4092455
605130.44	5600843.44	60.23274941	54140.14	53926.44	53786.3	54035.85039	-249.5503863	-43.38038635	Varney-2018	132.0496137
605130.63	5600842.16	60.23785745	54140.13	53922.64	53782.51	54035.84547	-253.3354683	-47.16546833	Varney-2018	128.2645317
605131.27	5600840.62	60.24726541	54140.11	53896.31	53756.2	54035.84031	-279.6403096	-73.47030959	Varney-2018	101.9596904
605132.04	5600839.53	60.25677748	54140.12	53871.61	53731.49	54035.83723	-304.3472335	-98.17723353	Varney-2018	77.25276647
605132.84	5600839.01	60.26494526	54140.13	53848.25	53708.12	54035.83656	-327.7165582	-121.5465582	Varney-2018	53.88344181
605133.86	5600837.37	60.27973885	54140.15	53824.22	53684.07	54035.83163	-351.7616327	-145.5916327	Varney-2018	29.83836726
605133.8	5600838.21	60.27581951	54140.17	53782.51	53642.34	54035.83501	-393.4950081	-187.3250081	Varney-2018	-11.89500807
605133.54	5600837.68	60.27579324	54140.19	53766.93	53626.74	54035.83233	-409.0923331	-202.9223331	Varney-2018	-27.49233307
605134.43	5600835.56	60.29229287	54140.21	53735.94	53595.73	54035.82516	-440.0951557	-233.9251557	Varney-2018	-58.49515566
605136.35	5600831.22	60.33093815	54140.2	53730.76	53590.56	54035.81053	-445.2505344	-239.0805344	Varney-2018	-63.65053439
605135.48	5600832.22	60.3172076	54140.19	53716.14	53575.95	54035.81315	-459.8631533	-253.6931533	Varney-2018	-78.26315334
605136.48	5600832.29	60.32702122	54140.17	53716.78	53576.61	54035.81523	-459.2052293	-253.0352293	Varney-2018	-77.60522928
605137.53	5600831.72	60.34067221	54140.15	53718.45	53578.3	54035.81472	-457.5147197	-251.3447197	Varney-2018	-75.91471975
605134.09	5600835.38	60.28995717	54140.13	53717.71	53577.58	54035.82379	-458.2437921	-252.0737921	Varney-2018	-76.64379206
605133.74	5600834.94	60.28854024	54140.11	53715.03	53574.92	54035.82133	-460.9013329	-254.7313329	Varney-2018	-79.30133285
605133.34	5600834.13	60.28799882	54140.13	53697.33	53557.2	54035.81725	-478.6172525	-272.4472525	Varney-2018	-97.01725252
605133.45	5600834.04	60.28940292	54140.15	53687.84	53547.69	54035.81708	-488.1270774	-281.9570774	Varney-2018	-106.5270774
605134.59	5600833.81	60.30130045	54140.18	53661.2	53521.02	54035.81817	-514.7981732	-308.6281732	Varney-2018	-133.1981732
605136.71	5600832.33	60.32915216	54140.21	53674.61	53534.4	54035.81581	-501.4158067	-295.2458067	Varney-2018	-119.8158067
605136.36	5600833.12	60.32174165	54140.24	53681.4	53541.16	54035.81848	-494.6584771	-288.4884771	Varney-2018	-113.0584771
605135.66	5600832.94	60.31567593	54140.27	53640.94	53500.67	54035.81647	-535.1464732	-328.9764732	Varney-2018	-153.5464732
605135.79	5600832.09	60.32096914	54140.31	53606.55	53466.24	54035.81316	-569.5731648	-363.4031648	Varney-2018	-187.9731648
605136.64	5600831.59	60.33213377	54140.35	53605.13	53464.78	54035.81259	-571.0325934	-364.8625934	Varney-2018	-189.4325934
605136.34	5600830.75	60.3331311	54140.37	53597.07	53456.7	54035.80856	-579.1085563	-372.9385563	Varney-2018	-197.5085563
605137.39	5600829.65	60.35005629	54140.39	53583.41	53443.02	54035.80582	-592.7858181	-386.6158181	Varney-2018	-211.1858181
605135.88	5600829.81	60.33269185	54140.4	53572.31	53431.91	54035.80382	-603.8938247	-397.7238247	Varney-2018	-222.2938247
605136.55	5600830.7	60.33561308	54140.41	53558.41	53418	54035.80872	-617.8087196	-411.6387196	Varney-2018	-236.2087196
605137.23	5600830.23	60.3452927	54140.4	53541.81	53401.41	54035.80796	-634.3979598	-428.2279598	Varney-2018	-252.7979598
605138.91	5600828.58	60.3729008	54140.39	53535.05	53394.66	54035.80401	-641.1440092	-434.9740092	Varney-2018	-259.5440092
605138.56	5600829.66	60.36286724	54140.39	53528.86	53388.47	54035.80792	-647.3379212	-441.1679212	Varney-2018	-265.7379212
605138.38	5600829.81	60.3600551	54140.39	53529.39	53389	54035.80823	-646.8082323	-440.6382323	Varney-2018	-265.2082323
605138.3	5600829.78	60.35934533	54140.42	53529.57	53389.15	54035.80797	-646.6579656	-440.4879656	Varney-2018	-265.0579656
605142.06	5600826.77	60.42086926	54140.45	53533.71	53393.26	54035.80189	-642.5418904	-436.3718904	Varney-2018	-260.9418904
605142.04	5600827.26	60.41732372	54140.47	53539.39	53398.92	54035.80392	-636.8839235	-430.7139235	Varney-2018	-255.2839235
605142.65	5600829.46	60.40922319	54140.5	53540.28	53399.78	54035.81428	-636.0342816	-429.8642816	Varney-2018	-254.4342816
605143.56	5600829.07	60.42211266	54140.5	53540.83	53400.33	54035.81423	-635.4842321	-429.3142321	Varney-2018	-253.8842321
605143.4	5600829.21	60.41931587	54140.51	53541.2	53400.69	54035.81454	-635.1245436	-428.9545436	Varney-2018	-253.5245436
605143.17	5600829.66	60.41355068	54140.53	53541.04	53400.51	54035.81604	-635.3060427	-429.1360427	Varney-2018	-253.7060427
605142.68	5600830.61	60.40155401	54140.55	53541.04	53400.49	54035.81919	-635.3291939	-429.1591939	Varney-2018	-253.7291939
605142.34	5600831.25	60.39353963	54140.55	53540.41	53399.86	54035.82129	-635.9612947	-429.7912947	Varney-2018	-254.3612947
605141.98	5600831.92	60.38526004	54140.56	53541.27	53400.71	54035.82348	-635.1134827	-428.9434827	Varney-2018	-253.5134827
605141.67	5600832.44	60.37863391	54140.59	53540.94	53400.35	54035.82512	-635.4751234	-429.3051234	Varney-2018	-253.8751234
605141.41	5600832.85	60.37332859	54140.62	53540.7	53400.08	54035.82639	-635.7463871	-429.5763871	Varney-2018	-254.1463871
605141.19	5600833.04	60.36990928	54140.65	53541.09	53400.44	54035.82679	-635.3867939	-429.2167939	Varney-2018	-253.7867939
605141.78	5600833.51	60.37261332	54140.68	53543.75	53403.07	54035.82983	-632.759833	-426.589833	Varney-2018	-251.159833
605143.41	5600834.49	60.38143494	54140.71	53534.62	53393.91	54035.83691	-641.9269064	-435.7569064	Varney-2018	-260.3269064
605143.43	5600833.47	60.38896939	54140.75	53535.26	53394.51	54035.83263	-641.3226256	-435.1526256	Varney-2018	-259.7226256
605142.94	5600835.18	60.37214916	54140.75	53534.62	53393.87	54035.83898	-641.968976	-435.798976	Varney-2018	-260.368976

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605142.51	5600836.48	60.35922356	54140.76	53532.19	53391.43	54035.84369	-644.4136894	-438.2436894	Varney-2018	-262.8136894
605141.9	5600837.89	60.34442328	54140.76	53538.21	53397.45	54035.84853	-638.3985275	-432.2285275	Varney-2018	-256.7985275
605140.74	5600838.97	60.32795423	54140.75	53535.65	53394.9	54035.85095	-640.9509469	-434.7809469	Varney-2018	-259.3509469
605139.42	5600840.5	60.30843371	54140.73	53534.98	53394.25	54035.85494	-641.6049372	-435.4349372	Varney-2018	-260.0049372
605138.28	5600842.15	60.29082089	54140.7	53534.76	53394.06	54035.85973	-641.7997315	-435.6297315	Varney-2018	-260.1997315
605137.36	5600842.87	60.28069545	54140.67	53534.44	53393.77	54035.86102	-642.0910206	-435.9210206	Varney-2018	-260.4910206
605136.26	5600839.73	60.28861181	54140.64	53534.68	53394.04	54035.84586	-641.8058626	-435.6358626	Varney-2018	-260.2058626
605137.38	5600838.52	60.30357193	54140.62	53533.64	53393.02	54035.84288	-642.8228758	-436.6528758	Varney-2018	-261.2228758
605137.17	5600839.65	60.29603968	54140.6	53531.04	53390.44	54035.84721	-645.4072109	-439.2372109	Varney-2018	-263.8072109
605137.53	5600839.93	60.29734668	54140.59	53527.35	53386.76	54035.84905	-649.089047	-442.919047	Varney-2018	-267.489047
605137.19	5600841.61	60.28606855	54140.58	53521.69	53381.11	54035.85544	-654.7454371	-448.5754371	Varney-2018	-273.1454371
605137.53	5600842.75	60.28246507	54140.58	53531.64	53391.06	54035.86084	-644.8008378	-438.6308378	Varney-2018	-263.2008378
605137.58	5600843.99	60.27623733	54140.59	53531.84	53391.25	54035.86612	-644.6161167	-438.4461167	Varney-2018	-263.0161167
605136.04	5600845.88	60.25745088	54140.6	53527.74	53387.14	54035.87109	-648.7310905	-442.5610905	Varney-2018	-267.1310905
605134.77	5600848.69	60.23791019	54140.62	53516.21	53375.59	54035.88036	-660.2903567	-454.1203567	Varney-2018	-278.6903567
605134.22	5600849.54	60.23171037	54140.62	53520.61	53379.99	54035.88283	-655.8928267	-449.7228267	Varney-2018	-274.2928267
605133.03	5600850.97	60.22089848	54140.63	53514	53373.37	54035.88645	-662.5164488	-456.3464488	Varney-2018	-280.9164488
605131.75	5600852.82	60.20945076	54140.66	53520.23	53379.57	54035.8916	-656.3216002	-450.1516002	Varney-2018	-274.7216002
605129.83	5600855.43	60.19563252	54140.69	53507.96	53367.27	54035.89857	-668.6285715	-462.4585715	Varney-2018	-287.0285715
605127.35	5600858.11	60.18397544	54140.72	53499.1	53358.38	54035.90462	-677.5246184	-471.3546184	Varney-2018	-295.9246184
605124.74	5600861.67	60.1755743	54140.76	53492.08	53351.32	54035.91387	-684.5938681	-478.4238681	Varney-2018	-302.9938681
605122.2	5600865.25	60.17318769	54140.78	53487.37	53346.59	54035.92318	-689.3331828	-483.1631828	Varney-2018	-307.7331828
605119.39	5600868.23	60.17683173	54140.8	53484.81	53344.01	54035.92936	-691.9193584	-485.7493584	Varney-2018	-310.3193584
605117.86	5600869.3	60.18048327	54140.82	53471.63	53330.81	54035.93044	-705.1204438	-498.9504438	Varney-2018	-323.5204438
605116.31	5600870.41	60.1853146	54140.84	53451.87	53311.03	54035.93162	-724.9016183	-518.7316183	Varney-2018	-343.3016183
605114.75	5600871.51	60.19127363	54140.83	53415.73	53274.9	54035.9327	-761.0327021	-554.8627021	Varney-2018	-379.4327021
605113.2	5600872.62	60.19834878	54140.82	53406.78	53265.96	54035.93382	-769.9738171	-563.8038171	Varney-2018	-388.3738171
605111.65	5600873.73	60.20654655	54140.79	53366.52	53225.73	54035.9349	-810.2049024	-604.0349024	Varney-2018	-428.6049024
605111.26	5600874	60.20875539	54140.75	53355.33	53214.58	54035.93513	-821.355134	-615.185134	Varney-2018	-439.755134
605111.26	5600874	60.20875539	54140.74	53343.92	53203.18	54035.93513	-832.755134	-626.585134	Varney-2018	-451.155134
605111.26	5600874	60.20875539	54140.73	53338.7	53197.97	54035.93513	-837.965134	-631.795134	Varney-2018	-456.365134
605111.26	5600874	60.20875539	54140.74	53338.99	53198.25	54035.93513	-837.685134	-631.515134	Varney-2018	-456.085134
605111.26	5600874	60.20875539	54140.75	53339.68	53198.93	54035.93513	-837.005134	-630.835134	Varney-2018	-455.405134
605111.26	5600874	60.20875539	54140.78	53348.71	53207.93	54035.93513	-828.005134	-621.835134	Varney-2018	-446.405134
605111.26	5600874	60.20875539	54140.82	53340.58	53199.76	54035.93513	-836.175134	-630.005134	Varney-2018	-454.575134
605111.26	5600874	60.20875539	54140.85	53344.64	53203.79	54035.93513	-832.145134	-625.975134	Varney-2018	-450.545134
605111.26	5600874	60.20875539	54140.89	53335.84	53194.95	54035.93513	-840.985134	-634.815134	Varney-2018	-459.385134
605111.26	5600874	60.20875539	54140.89	53353.58	53212.69	54035.93513	-823.245134	-617.075134	Varney-2018	-441.645134
605111.26	5600874	60.20875539	54140.9	53348.59	53207.69	54035.93513	-828.245134	-622.075134	Varney-2018	-446.645134
605111.26	5600874	60.20875539	54140.9	53357.9	53217	54035.93513	-818.935134	-612.765134	Varney-2018	-437.335134
605111.26	5600874	60.20875539	54140.9	53365.9	53225	54035.93513	-810.935134	-604.765134	Varney-2018	-429.335134
605111.26	5600874	60.20875539	54140.9	53363.58	53222.68	54035.93513	-813.255134	-607.085134	Varney-2018	-431.655134
605111.26	5600874	60.20875539	54140.91	53363.28	53222.37	54035.93513	-813.565134	-607.395134	Varney-2018	-431.965134
605111.26	5600874	60.20875539	54140.93	53366.03	53225.1	54035.93513	-810.835134	-604.665134	Varney-2018	-429.235134
605111.26	5600874	60.20875539	54140.95	53375.5	53234.55	54035.93513	-801.385134	-595.215134	Varney-2018	-419.785134
605111.26	5600874	60.20875539	54140.96	53377.67	53236.71	54035.93513	-799.225134	-593.055134	Varney-2018	-417.625134
605111.26	5600874	60.20875539	54140.97	53392.32	53251.35	54035.93513	-784.585134	-578.415134	Varney-2018	-402.985134
605111.26	5600874	60.20875539	54140.97	53424.09	53283.12	54035.93513	-752.815134	-546.645134	Varney-2018	-371.215134
605111.26	5600874	60.20875539	54140.97	53484.42	53343.45	54035.93513	-692.485134	-486.315134	Varney-2018	-310.885134
605111.26	5600874	60.20875539	54140.96	53562.79	53421.83	54035.93513	-614.105134	-407.935134	Varney-2018	-232.505134
605111.26	5600874	60.20875539	54140.95	53507.94	53366.99	54035.93513	-668.945134	-462.775134	Varney-2018	-287.345134
605111.26	5600874	60.20875539	54140.95	53535.55	53394.6	54035.93513	-641.335134	-435.165134	Varney-2018	-259.735134
605111.26	5600874	60.20875539	54140.96	53559.54	53418.58	54035.93513	-617.355134	-411.185134	Varney-2018	-235.755134
605111.26	5600874	60.20875539	54140.97	53599.29	53458.32	54035.93513	-577.615134	-371.445134	Varney-2018	-196.015134
605111.26	5600874	60.20875539	54140.98	53631.72	53490.74	54035.93513	-545.195134	-339.025134	Varney-2018	-163.595134
605111.26	5600874	60.20875539	54141	53645.12	53504.12	54035.93513	-531.815134	-325.645134	Varney-2018	-150.215134
605111.26	5600874	60.20875539	54141.03	53653.41	53512.38	54035.93513	-523.555134	-317.385134	Varney-2018	-141.955134
605111.26	5600874	60.20875539	54141.04	53664.01	53522.97	54035.93513	-512.965134	-306.795134	Varney-2018	-131.365134
605111.26	5600874	60.20875539	54141.05	53662.9	53521.85	54035.93513	-514.085134	-307.915134	Varney-2018	-132.485134
605111.26	5600874	60.20875539	54141.05	53662.89	53521.84	54035.93513	-514.095134	-307.925134	Varney-2018	-132.495134
605111.26	5600874	60.20875539	54141.04	53663.53	53522.49	54035.93513	-513.445134	-307.275134	Varney-2018	-131.845134
605111.26	5600874	60.20875539	54141.04	53664.38	53523.34	54035.93513	-512.595134	-306.425134	Varney-2018	-130.995134
605111.26	5600874	60.20875539	54141.03	53670.99	53529.96	54035.93513	-505.975134	-299.805134	Varney-2018	-124.375134
605111.26	5600874	60.20875539	54141.04	53672.15	53531.11	54035.93513	-504.825134	-298.655134	Varney-2018	-123.225134

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605111.26	5600874	60.20875539	54141.06	53671.9	53530.84	54035.93513	-505.095134	-298.925134	Varney-2018	-123.495134
605661.01	5600093.39	11.70257613	54148.43	53878.52	53730.09	54035.19592	-305.1059159	-98.9359159	Varney-2018	76.4940841
605661.28	5600093.01	11.69146671	54148.44	53878.78	53730.34	54035.19523	-304.8552289	-98.68522894	Varney-2018	76.74477106
605660.67	5600093.07	11.67190376	54148.46	53880.3	53731.84	54035.19474	-303.3547381	-97.18473807	Varney-2018	78.24526193
605659.97	5600093.15	11.65002042	54148.48	53879.21	53730.73	54035.1942	-304.4642048	-98.29420482	Varney-2018	77.13579518
605659.27	5600093.23	11.62807394	54148.51	53879.4	53730.89	54035.19367	-304.3036732	-98.13367325	Varney-2018	77.29632675
605658.88	5600085.42	11.18604942	54148.5	53879.49	53730.99	54035.17303	-304.1830297	-98.01302971	Varney-2018	77.41697029
605659.38	5600085.84	11.2257848	54148.49	53878.93	53730.44	54035.1747	-304.7346998	-98.56469984	Varney-2018	76.86530016
605660.04	5600089.59	11.45553792	54148.51	53879.25	53730.74	54035.18512	-304.4451179	-98.27511788	Varney-2018	77.15488212
605660.37	5600091.31	11.56284979	54148.54	53879.64	53731.1	54035.1899	-304.089901	-97.91990104	Varney-2018	77.51009896
605660.73	5600092.32	11.63233975	54148.55	53879.67	53731.12	54035.19288	-304.0728792	-97.90287924	Varney-2018	77.52712076
605660.94	5600093.07	11.68205181	54148.56	53880.48	53731.92	54035.19502	-303.2750232	-97.10502319	Varney-2018	78.32497681
605661.08	5600093.67	11.72088745	54148.56	53880.26	53731.7	54035.19671	-303.4967056	-97.32670564	Varney-2018	78.10329436
605661.1	5600094.07	11.74403289	54148.56	53880.43	53731.87	54035.19775	-303.3277495	-97.15774954	Varney-2018	78.27225046
605661.05	5600094.28	11.75387268	54148.57	53880.38	53731.81	54035.19823	-303.3882347	-97.2182347	Varney-2018	78.2117653
605660.99	5600094.44	11.76052149	54148.58	53880.58	53732	54035.19858	-303.1985819	-97.02858187	Varney-2018	78.40141813
605661.06	5600094.51	11.76712267	54148.59	53880.57	53731.98	54035.19883	-303.2188334	-97.04883341	Varney-2018	78.38116659
605661.43	5600094.66	11.78975266	54148.61	53880.86	53732.25	54035.1996	-302.949599	-96.77959903	Varney-2018	78.65040097
605661.48	5600094.55	11.78549676	54148.62	53881.71	53733.09	54035.19937	-302.1093699	-95.93936995	Varney-2018	79.49063005
605661.44	5600094.36	11.77328974	54148.64	53880.49	53731.85	54035.19884	-303.3488437	-97.17884366	Varney-2018	78.25115634
605662.28	5600094.28	11.80094174	54148.65	53881.07	53732.42	54035.19951	-302.7795113	-96.6095113	Varney-2018	78.8204887
605663.62	5600094.21	11.84820307	54148.67	53879.98	53731.31	54035.20073	-303.8907257	-97.72072569	Varney-2018	77.70927431
605664.87	5600094.27	11.89947372	54148.67	53885.63	53736.96	54035.20217	-298.2421744	-92.07217442	Varney-2018	83.35782558
605666.13	5600094.33	11.9512119	54148.68	53888.95	53740.27	54035.20363	-294.9336313	-88.76363127	Varney-2018	86.66636873
605667.38	5600094.39	12.00265201	54148.68	53888.55	53739.87	54035.20508	-295.3350755	-89.16507549	Varney-2018	86.26492451
605668.21	5600094.11	12.01767233	54148.67	53893.76	53745.09	54035.20525	-290.1152493	-83.94524928	Varney-2018	91.48475072
605668.38	5600093.18	11.96829494	54148.68	53897.58	53748.9	54035.20315	-286.303149	-80.13314905	Varney-2018	95.29685095
605668.35	5600092.32	11.91551851	54148.7	53899.26	53750.56	54035.20101	-284.6410113	-78.47101132	Varney-2018	96.95898868
605669.24	5600090.96	11.86623647	54148.72	53908.04	53759.32	54035.19865	-275.8786487	-69.70864866	Varney-2018	105.7213513
605670.13	5600089.61	11.81620027	54148.75	53907.62	53758.87	54035.19635	-276.3263464	-70.15634643	Varney-2018	105.2736536
605671.02	5600088.26	11.76480935	54148.75	53907.72	53758.97	54035.19408	-276.2240801	-70.05408014	Varney-2018	105.3759199
605669.68	5600087.34	11.66213847	54148.76	53909.64	53760.88	54035.19033	-274.310334	-68.14033398	Varney-2018	107.289666
605669.94	5600086.19	11.60097708	54148.76	53917.9	53769.14	54035.18784	-266.0478419	-59.87784187	Varney-2018	115.5521581
605670.59	5600084.99	11.54930547	54148.76	53925.69	53776.93	54035.1857	-258.2556966	-52.0856966	Varney-2018	123.3443034
605671.24	5600083.8	11.49737124	54148.77	53926.87	53778.1	54035.1836	-257.0835987	-50.91359872	Varney-2018	124.5164013
605671.89	5600082.6	11.44394437	54148.78	53928.81	53780.03	54035.1815	-255.1515	-48.98150001	Varney-2018	126.4485
605672.54	5600081.41	11.3902622	54148.78	53927.26	53778.48	54035.17945	-256.6994485	-50.5294485	Varney-2018	124.9005515
605673.19	5600080.21	11.33508007	54148.79	53930.78	53781.99	54035.1774	-253.1873964	-47.01739637	Varney-2018	128.4126036
605673.19	5600080.21	11.33508007	54148.8	53937.09	53788.29	54035.1774	-246.8873964	-40.71739637	Varney-2018	134.7126036
605673.19	5600080.21	11.33508007	54148.82	53946	53797.18	54035.1774	-237.9973964	-31.82739637	Varney-2018	143.6026036
605673.19	5600080.21	11.33508007	54148.86	53942	53793.14	54035.1774	-242.0373964	-35.86739637	Varney-2018	139.5626036
605673.19	5600080.21	11.33508007	54148.91	53944.89	53795.98	54035.1774	-239.1973964	-33.02739637	Varney-2018	142.4026036
605673.19	5600080.21	11.33508007	54148.92	53955.35	53806.43	54035.1774	-228.7473964	-22.57739637	Varney-2018	152.8526036
605673.19	5600080.21	11.33508007	54148.94	53954.4	53805.46	54035.1774	-229.7173964	-23.54739637	Varney-2018	151.8826036
605673.66	5600086.37	11.7377148	54148.96	53949.54	53800.58	54035.19258	-234.6125794	-28.44257944	Varney-2018	146.9874206
605673.99	5600086.09	11.73116591	54148.98	53946.25	53797.27	54035.1923	-237.9222989	-31.7522989	Varney-2018	143.6777011
605674.47	5600085.39	11.70286468	54148.98	53942.94	53793.96	54035.19121	-241.2312057	-35.06120569	Varney-2018	140.3687943
605674.39	5600084.4	11.63737905	54148.99	53945.41	53796.42	54035.18878	-238.768777	-32.59877699	Varney-2018	142.831223
605676.74	5600086.55	11.8535053	54149.01	53951.86	53802.85	54035.19656	-232.3465587	-26.17655873	Varney-2018	149.2534413
605676.71	5600086.72	11.86349852	54149.03	53948.91	53799.88	54035.19692	-235.3169192	-29.14691919	Varney-2018	146.2830808
605677.06	5600087.11	11.9007368	54149.05	53942.82	53793.77	54035.19823	-241.4282263	-35.25822631	Varney-2018	140.1717737
605677.41	5600087.5	11.93812899	54149.07	53943.01	53793.94	54035.19953	-241.2595293	-35.08952934	Varney-2018	140.3404707
605677.76	5600087.89	11.97567509	54149.08	53937.25	53788.17	54035.20083	-247.0308283	-40.86082829	Varney-2018	134.5691717
605678.11	5600088.28	12.01337509	54149.1	53924.41	53775.31	54035.20212	-259.8921232	-53.72212315	Varney-2018	121.7078768
605678.37	5600088.57	12.0414992	54149.14	53925.68	53776.54	54035.20308	-258.6630831	-52.49308307	Varney-2018	122.9369169
605678.37	5600088.57	12.0414992	54149.18	53915.79	53766.61	54035.20308	-268.5930831	-62.42308307	Varney-2018	113.0069169
605678.37	5600088.57	12.0414992	54149.19	53922.57	53773.38	54035.20308	-261.8230831	-55.65308307	Varney-2018	119.7769169
605678.37	5600088.57	12.0414992	54149.2	53922.94	53773.74	54035.20308	-261.4630831	-55.29308307	Varney-2018	120.1369169
605678.37	5600088.57	12.0414992	54149.21	53918.51	53769.3	54035.20308	-265.9030831	-59.73308307	Varney-2018	115.6969169
605678.37	5600088.57	12.0414992	54149.23	53906.97	53757.74	54035.20308	-277.4630831	-71.29308307	Varney-2018	104.1369169
605678.37	5600088.57	12.0414992	54149.26	53901.93	53752.67	54035.20308	-282.5330831	-76.36308307	Varney-2018	99.06691693
605678.37	5600088.57	12.0414992	54149.29	53902.82	53753.53	54035.20308	-281.6730831	-75.50308307	Varney-2018	99.92691693
605678.37	5600088.57	12.0414992	54149.31	53904.51	53755.2	54035.20308	-280.0030831	-73.83308307	Varney-2018	101.5969169
605678.37	5600088.57	12.0414992	54149.33	53903.13	53753.8	54035.20308	-281.4030831	-75.23308307	Varney-2018	100.1969169

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605678.37	5600088.57	12.0414992	54149.37	53907.57	53758.2	54035.20308	-277.0030831	-70.83308307	Varney-2018	104.5969169
605678.37	5600088.57	12.0414992	54149.41	53907.47	53758.06	54035.20308	-277.1430831	-70.97308307	Varney-2018	104.4569169
605678.37	5600088.57	12.0414992	54149.43	53903.38	53753.95	54035.20308	-281.2530831	-75.08308307	Varney-2018	100.3469169
605681.35	5600081.28	11.65471777	54149.45	53902.82	53753.37	54035.19	-281.8199951	-75.64999506	Varney-2018	99.78000494
605682.19	5600081.15	11.66967817	54149.48	53902.16	53752.68	54035.1908	-282.5107973	-76.3407973	Varney-2018	99.0892027
605682.32	5600081.55	11.69928745	54149.51	53901.4	53751.89	54035.1919	-283.3018956	-77.13189556	Varney-2018	98.29810444
605683.07	5600081.73	11.72594643	54149.52	53898.18	53748.66	54035.19346	-286.5334557	-80.36345575	Varney-2018	95.06654425
605683.44	5600081.82	11.73918473	54149.54	53891.5	53741.96	54035.19423	-293.234228	-87.064228	Varney-2018	88.365772
605684.04	5600081.93	11.75822044	54149.56	53891.81	53742.25	54035.1954	-292.9453995	-86.7753995	Varney-2018	88.6546005
605684.56	5600081.64	11.7485662	54149.58	53889.33	53739.75	54035.19555	-295.445551	-89.27555103	Varney-2018	86.15444897
605685.81	5600082.28	11.81614823	54149.61	53895.83	53746.22	54035.19891	-288.9789115	-82.8089115	Varney-2018	92.6210885
605687.41	5600082.86	11.88650131	54149.64	53884.29	53734.65	54035.20267	-300.5526745	-94.38267453	Varney-2018	81.04732547
605689.01	5600083.45	11.95763158	54149.67	53876.84	53727.17	54035.20646	-308.0364573	-101.8664573	Varney-2018	73.56354265
605690.61	5600084.03	12.02817762	54149.71	53869.77	53720.06	54035.21022	-315.1502152	-108.9802152	Varney-2018	66.44978475
605692.21	5600084.62	12.0995025	54149.74	53866	53716.26	54035.21399	-318.9539929	-112.7839929	Varney-2018	62.6460071
605693.41	5600085.06	12.15288944	54149.78	53867.02	53717.24	54035.21682	-317.9768189	-111.8068189	Varney-2018	63.62318114
605693.41	5600085.06	12.15288944	54149.8	53863.57	53713.77	54035.21682	-321.4468189	-115.2768189	Varney-2018	60.15318114
605693.41	5600085.06	12.15288944	54149.83	53858.21	53708.38	54035.21682	-326.8368189	-120.6668189	Varney-2018	54.76318114
605693.41	5600085.06	12.15288944	54149.84	53852.75	53702.91	54035.21682	-332.3068189	-126.1368189	Varney-2018	49.29318114
605693.41	5600085.06	12.15288944	54149.86	53849.69	53699.83	54035.21682	-335.3868189	-129.2168189	Varney-2018	46.21318114
605693.41	5600085.06	12.15288944	54149.89	53851.54	53701.65	54035.21682	-333.5668189	-127.3968189	Varney-2018	48.03318114
605693.41	5600085.06	12.15288944	54149.93	53849.63	53699.7	54035.21682	-335.5168189	-129.3468189	Varney-2018	46.08318114
605693.41	5600085.06	12.15288944	54149.96	53840.04	53690.08	54035.21682	-345.1368189	-138.9668189	Varney-2018	36.46318114
605693.41	5600085.06	12.15288944	54149.99	53829.68	53679.69	54035.21682	-355.5268189	-149.3568189	Varney-2018	26.07318114
605693.41	5600085.06	12.15288944	54150.03	53824.15	53674.12	54035.21682	-361.0968189	-154.9268189	Varney-2018	20.50318114
605693.41	5600085.06	12.15288944	54150.07	53808.06	53657.99	54035.21682	-377.2268189	-171.0568189	Varney-2018	4.373181145
605693.41	5600085.06	12.15288944	54150.1	53801.8	53651.7	54035.21682	-383.5168189	-177.3468189	Varney-2018	-1.916818855
605693.41	5600085.06	12.15288944	54150.13	53795.05	53644.92	54035.21682	-390.2968189	-184.1268189	Varney-2018	-8.696818855
605687.54	5600072.98	11.21681279	54150.15	53785.05	53634.9	54035.18077	-400.2807713	-194.1107713	Varney-2018	-18.68077131
605687.64	5600067.55	10.84922819	54150.18	53781.22	53631.04	54035.16878	-404.1287794	-197.9587794	Varney-2018	-22.5287794
605688.25	5600074.97	11.36564717	54150.2	53766.35	53616.15	54035.18632	-419.0363245	-212.8663245	Varney-2018	-37.43632446
605687.97	5600074.16	11.3052186	54150.23	53758.77	53608.54	54035.18408	-426.6440786	-220.4740786	Varney-2018	-45.04407856
605687.81	5600075.34	11.38249608	54150.26	53753.9	53603.64	54035.18647	-431.5464697	-225.3764697	Varney-2018	-49.94646969
605687.07	5600074.19	11.2902584	54150.29	53763.26	53612.97	54035.18275	-422.2127489	-216.0427489	Varney-2018	-40.6127489
605687.3	5600072	11.14563016	54150.33	53765.01	53614.68	54035.17821	-420.4982057	-214.3282057	Varney-2018	-38.89820566
605687.83	5600070.69	11.06643459	54150.37	53757.48	53607.11	54035.1761	-428.0660996	-221.8960996	Varney-2018	-46.46609958
605688.69	5600070.98	11.10227303	54150.39	53753.03	53602.64	54035.17809	-432.5380867	-226.3680867	Varney-2018	-50.93808673
605689	5600068.27	10.92349348	54150.42	53747.76	53597.34	54035.17251	-437.8325118	-231.6625118	Varney-2018	-56.23251182
605681.73	5600065.48	10.59843	54150.45	53739.12	53588.67	54035.15493	-446.4849316	-240.3149316	Varney-2018	-64.88493157
605684.39	5600063.96	10.54528268	54150.48	53725.67	53575.19	54035.15566	-459.9656588	-253.7956588	Varney-2018	-78.36565876
605685.33	5600066.8	10.75544196	54150.49	53721.74	53571.25	54035.16349	-463.9134931	-257.7434931	Varney-2018	-82.31349312
605687.89	5600068.59	10.92464205	54150.5	53715.42	53564.92	54035.1715	-470.2514959	-264.0814959	Varney-2018	-88.65149587
605689.49	5600067.56	10.88422224	54150.51	53709.09	53558.58	54035.17169	-476.5916897	-270.4216897	Varney-2018	-94.99168975
605689.68	5600067.53	10.88570192	54150.53	53703.39	53552.86	54035.17192	-482.3119193	-276.1419193	Varney-2018	-100.7119193
605689.83	5600066.07	10.78897723	54150.54	53702.84	53552.3	54035.16889	-482.8688918	-276.6988918	Varney-2018	-101.2688918
605690.16	5600065.02	10.72349165	54150.56	53689.6	53539.04	54035.16706	-496.1270623	-289.9570623	Varney-2018	-114.5270623
605690.24	5600065.4	10.75087202	54150.57	53685.51	53534.94	54035.16804	-500.2280362	-294.0580362	Varney-2018	-118.6280362
605690.41	5600065.01	10.72741391	54150.59	53679.68	53529.09	54035.16743	-506.0774311	-299.9074311	Varney-2018	-124.4774311
605691.31	5600065.95	10.80812617	54150.6	53668.78	53518.18	54035.17094	-516.9909373	-310.8209373	Varney-2018	-135.3909373
605693.45	5600067.16	10.93033493	54150.62	53658.77	53508.15	54035.17698	-527.0269799	-320.8569799	Varney-2018	-145.4269799
605695.58	5600068.34	11.05057225	54150.62	53651.38	53500.76	54035.18293	-534.422933	-328.252933	Varney-2018	-152.822933
605697.72	5600069.54	11.17262752	54150.63	53632.34	53481.71	54035.18894	-553.4789393	-347.3089393	Varney-2018	-171.8789393
605696.12	5600064.4	10.79079556	54150.62	53632.08	53481.46	54035.17501	-553.7150072	-347.5450072	Varney-2018	-172.1150072
605696.7	5600063.96	10.77131372	54150.61	53628.64	53478.03	54035.17494	-557.1449363	-350.9749363	Varney-2018	-175.5449363
605698.12	5600063.26	10.74937814	54150.61	53636.68	53486.07	54035.1756	-549.1056042	-342.9356042	Varney-2018	-167.5056042
605699.83	5600062.88	10.75461881	54150.6	53638.3	53487.7	54035.17744	-547.47744	-341.30744	Varney-2018	-165.87744
605698.3	5600063.2	10.74856108	54150.6	53639.34	53488.74	54035.17575	-546.4357529	-340.2657529	Varney-2018	-164.8357529
605696.19	5600064.23	10.78044011	54150.61	53639.29	53488.68	54035.17474	-546.4947385	-340.3247385	Varney-2018	-164.8947385
605695.6	5600064.66	10.79903371	54150.64	53639.76	53489.12	54035.17477	-546.054772	-339.884772	Varney-2018	-164.454772
605696.04	5600064.89	10.82287837	54150.67	53634.28	53483.61	54035.17597	-551.5659725	-345.3959725	Varney-2018	-169.9659725
605696.86	5600064.17	10.78864058	54150.67	53621.19	53470.52	54035.17565	-564.655654	-358.485654	Varney-2018	-183.055654
605699.74	5600062.93	10.75640471	54150.66	53611.81	53461.15	54035.17741	-574.0274099	-367.8574099	Varney-2018	-192.4274099
605702.64	5600061.7	10.72485221	54150.63	53602.41	53451.78	54035.17923	-583.3992291	-377.2292291	Varney-2018	-201.7992291
605705.53	5600060.48	10.69343833	54150.59	53599.89	53449.3	54035.18106	-585.8810646	-379.7110646	Varney-2018	-204.2810646

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605709.28	5600067.15	11.22292901	54150.57	53603.33	53452.76	54035.20168	-582.441678	-376.271678	Varney-2018	-200.841678
605712.52	5600067.59	11.31346054	54150.54	53598.37	53447.83	54035.20771	-587.3777069	-381.2077069	Varney-2018	-205.7777069
605715.77	5600068.04	11.40502034	54150.53	53590.62	53440.09	54035.21377	-595.1237694	-388.9537694	Varney-2018	-213.5237694
605719.01	5600068.49	11.49654557	54150.52	53586.56	53436.04	54035.21981	-599.1798123	-393.0098123	Varney-2018	-217.5798123
605722.25	5600068.93	11.5875234	54150.53	53574.37	53423.84	54035.22583	-611.3858293	-405.2158293	Varney-2018	-229.7858293
605723.87	5600069.16	11.63376683	54150.55	53570.65	53420.1	54035.22886	-615.1288582	-408.9588582	Varney-2018	-233.5288582
605723.87	5600069.16	11.63376683	54150.53	53569.59	53419.06	54035.22886	-616.1688582	-409.9988582	Varney-2018	-234.5688582
605723.87	5600069.16	11.63376683	54150.5	53559.61	53409.11	54035.22886	-626.1188582	-419.9488582	Varney-2018	-244.5188582
605723.87	5600069.16	11.63376683	54150.49	53556.88	53406.39	54035.22886	-628.8388582	-422.6688582	Varney-2018	-247.2388582
605723.87	5600069.16	11.63376683	54150.47	53549.25	53398.78	54035.22886	-636.4488582	-430.2788582	Varney-2018	-254.8488582
605723.87	5600069.16	11.63376683	54150.46	53543.76	53393.3	54035.22886	-641.9288582	-435.7588582	Varney-2018	-260.3288582
605723.87	5600069.16	11.63376683	54150.45	53552.22	53401.77	54035.22886	-633.4588582	-427.2888582	Varney-2018	-251.8588582
605723.87	5600069.16	11.63376683	54150.44	53580.16	53429.72	54035.22886	-605.5088582	-399.3388582	Varney-2018	-223.9088582
605723.87	5600069.16	11.63376683	54150.42	53590.21	53439.79	54035.22886	-595.4388582	-389.2688582	Varney-2018	-213.8388582
605710.39	5600044.71	10.23572435	54150.42	53597.07	53446.65	54035.13944	-588.4894389	-382.3194389	Varney-2018	-206.8894389
605704.22	5600051.8	10.19610746	54150.42	53616.29	53465.87	54035.15648	-569.2864823	-363.1164823	Varney-2018	-187.6864823
605713.45	5600057.67	10.64248389	54150.43	53620.53	53470.1	54035.18732	-565.0873185	-358.9173185	Varney-2018	-183.4873185
605712.79	5600044.3	10.26523453	54150.45	53639.97	53489.52	54035.14193	-545.6219261	-339.4519261	Varney-2018	-164.0219261
605713.35	5600043.8	10.26777959	54150.45	53669.4	53518.95	54035.14099	-516.1909872	-310.0209872	Varney-2018	-134.5909872
605713.97	5600041.97	10.25666453	54150.44	53683.53	53533.09	54035.13516	-502.0451575	-295.8751575	Varney-2018	-120.4451575
605711.47	5600047.55	10.27831573	54150.44	53683.93	53533.49	54035.15201	-501.6620066	-295.4920066	Varney-2018	-120.0620066
605712.68	5600045.34	10.27427859	54150.43	53689.21	53538.78	54035.14566	-496.3656644	-290.1956644	Varney-2018	-114.7656644
605712.95	5600043.78	10.26211009	54150.45	53694.08	53543.63	54035.14024	-491.5102355	-285.3402355	Varney-2018	-109.9102355
605713.49	5600043.01	10.26139594	54150.48	53695.97	53545.49	54035.13825	-489.6482505	-283.4782505	Varney-2018	-108.0482505
605709.46	5600040.25	10.18333668	54150.5	53693.93	53543.43	54035.12089	-491.6908903	-285.5208903	Varney-2018	-110.0908903
605710.77	5600046.3	10.25595072	54150.53	53694.88	53544.35	54035.14611	-490.7961098	-284.6261098	Varney-2018	-109.1961098
605712.86	5600045.64	10.27992461	54150.57	53691.11	53540.54	54035.1471	-494.6070969	-288.4370969	Varney-2018	-113.0070969
605714.24	5600043.65	10.27831478	54150.61	53701.79	53551.18	54035.14193	-483.9619286	-277.7919286	Varney-2018	-102.3619286
605714.92	5600043.6	10.28700603	54150.63	53698.53	53547.9	54035.14289	-487.242892	-281.072892	Varney-2018	-105.642892
605713.31	5600045.17	10.28151704	54150.65	53692.33	53541.68	54035.14608	-493.4660786	-287.2960786	Varney-2018	-111.8660786
605713.65	5600045.26	10.28730707	54150.66	53686.41	53535.75	54035.14699	-499.3969869	-293.2269869	Varney-2018	-117.7969869
605713.18	5600044.23	10.26991731	54150.67	53681.75	53531.08	54035.14232	-504.0623196	-297.8923196	Varney-2018	-122.4623196
605712.59	5600042.14	10.24058967	54150.68	53666.87	53516.19	54035.13344	-518.9434378	-312.7734378	Varney-2018	-137.3434378
605713.18	5600041.85	10.24523223	54150.7	53651.79	53501.09	54035.13335	-534.0433537	-327.8733537	Varney-2018	-152.4433537
605712.94	5600041.75	10.2411221	54150.72	53661.16	53510.44	54035.13257	-524.6925658	-318.5225658	Varney-2018	-143.0925658
605713.41	5600041.57	10.24525572	54150.74	53659.78	53509.04	54035.13269	-526.0926934	-319.9226934	Varney-2018	-144.4926934
605713.72	5600041.28	10.2461284	54150.77	53662.03	53511.26	54035.13213	-523.8721345	-317.7021345	Varney-2018	-142.2721345
605713.95	5600041.07	10.24678254	54150.8	53660.11	53509.31	54035.13174	-525.8217405	-319.6517405	Varney-2018	-144.2217405
605713.89	5600040.99	10.24517788	54150.83	53658.85	53508.02	54035.13134	-527.1113364	-320.9413364	Varney-2018	-145.5113364
605714.01	5600040.88	10.24549723	54150.86	53658.73	53507.87	54035.13113	-527.2611297	-321.0911297	Varney-2018	-145.6611297
605714.84	5600039.7	10.2427662	54150.9	53657.03	53506.13	54035.12814	-528.9981363	-322.8281363	Varney-2018	-147.3981363
605715.88	5600039.57	10.2536971	54150.95	53661.75	53510.8	54035.12946	-524.329456	-318.159456	Varney-2018	-142.729456
605714.48	5600038.76	10.22820511	54150.97	53661.99	53511.02	54035.12398	-524.1039836	-317.9339836	Varney-2018	-142.5039836
605715.42	5600039.03	10.24212012	54151	53661.97	53510.97	54035.12664	-524.1566358	-317.9866358	Varney-2018	-142.5566358
605716.85	5600039.2	10.26082928	54151.02	53666.56	53515.54	54035.12976	-519.5897627	-313.4197627	Varney-2018	-137.9897627
605717.11	5600038.77	10.25871588	54151.05	53663.85	53512.8	54035.12861	-522.3286143	-316.1586143	Varney-2018	-140.7286143
605717.81	5600038.32	10.2612702	54151.07	53662.95	53511.88	54035.12816	-523.2481647	-317.0781647	Varney-2018	-141.6481647
605717.82	5600038.41	10.26249177	54151.1	53665.49	53514.39	54035.12852	-520.7385166	-314.5685166	Varney-2018	-139.1385166
605717.73	5600038.69	10.26490106	54151.12	53665.99	53514.87	54035.1294	-520.2593998	-314.0893998	Varney-2018	-138.6593998
605718.01	5600038.47	10.26540285	54151.15	53664.19	53513.04	54035.12907	-522.089072	-315.919072	Varney-2018	-140.489072
605718.1	5600038.41	10.26568635	54151.18	53663.66	53512.48	54035.12901	-522.6490068	-316.4790068	Varney-2018	-141.0490068
605718.13	5600038.43	10.26627741	54151.22	53664.42	53513.2	54035.12913	-521.9291335	-315.7591335	Varney-2018	-140.3291335
605718.07	5600038.51	10.26658546	54151.24	53664.36	53513.12	54035.12933	-522.0093256	-315.8393256	Varney-2018	-140.4093256
605718.28	5600038.36	10.26711494	54151.26	53665.34	53514.08	54035.12914	-521.0491363	-314.8791363	Varney-2018	-139.4491363
605718.49	5600038.12	10.26648508	54151.27	53665.21	53513.94	54035.12861	-521.188614	-315.018614	Varney-2018	-139.588614
605720.21	5600037.49	10.27751698	54151.29	53664.65	53513.36	54035.12931	-521.769306	-315.599306	Varney-2018	-140.169306
605720.23	5600036.72	10.26748432	54151.29	53661.53	53510.24	54035.1265	-524.8865006	-318.7165006	Varney-2018	-143.2865006
605720.44	5600036.21	10.26289629	54151.3	53661.44	53510.14	54035.12499	-524.9849919	-318.8149919	Varney-2018	-143.3849919
605720.39	5600035.98	10.25929377	54151.32	53659.74	53508.42	54035.12406	-526.7040551	-320.5340551	Varney-2018	-145.1040551
605720.53	5600036.24	10.26424367	54151.34	53658.93	53507.59	54035.12526	-527.5352622	-321.3652622	Varney-2018	-145.9352622
605720.34	5600036.46	10.26518767	54151.37	53660.51	53509.14	54035.12574	-525.9857364	-319.8157364	Varney-2018	-144.3857364
605720.22	5600036.43	10.26351692	54151.41	53659.49	53508.08	54035.12541	-527.0454131	-320.8754131	Varney-2018	-145.4454131
605720.12	5600036.72	10.26630694	54151.44	53660.25	53508.81	54035.12631	-526.316306	-320.146306	Varney-2018	-144.716306
605720.2	5600036.52	10.26450257	54151.47	53660.39	53508.92	54035.12571	-526.2057097	-320.0357097	Varney-2018	-144.6057097

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605720.41	5600036.19	10.26231376	54151.51	53658.93	53507.42	54035.12486	-527.7048649	-321.5348649	Varney-2018	-146.1048649
605720.21	5600035.88	10.25609201	54151.55	53657.8	53506.25	54035.12337	-528.8733662	-322.7033662	Varney-2018	-147.2733662
605720.38	5600035.75	10.25611278	54151.56	53658.61	53507.05	54035.12319	-528.0731892	-321.9031892	Varney-2018	-146.4731892
605720.54	5600035.57	10.2553404	54151.58	53659.04	53507.46	54035.12281	-527.6628106	-321.4928106	Varney-2018	-146.0628106
605720.64	5600035.43	10.25447455	54151.58	53658.8	53507.22	54035.12247	-527.9024729	-321.7324729	Varney-2018	-146.3024729
605721	5600035.33	10.25677017	54151.58	53657.93	53506.35	54035.12275	-528.7727469	-322.6027469	Varney-2018	-147.1727469
605722.06	5600035.28	10.26679665	54151.59	53652.58	53500.99	54035.12446	-534.1344551	-327.9644551	Varney-2018	-152.5344551
605722.95	5600035.16	10.27405343	54151.61	53642.91	53491.3	54035.1256	-543.8256048	-337.6556048	Varney-2018	-162.2256048
605722.87	5600034.27	10.26041708	54151.63	53634.86	53483.23	54035.1222	-551.8922046	-345.7222046	Varney-2018	-170.2922046
605723.65	5600033.32	10.25396114	54151.65	53626.93	53475.28	54035.12014	-559.8401371	-353.6701371	Varney-2018	-178.2401371
605724.43	5600033.2	10.25939413	54151.65	53615.58	53463.93	54035.12111	-571.1911093	-365.0211093	Varney-2018	-189.5911093
605724.02	5600033.06	10.25352255	54151.65	53607.38	53455.73	54035.11986	-579.3898574	-373.2198574	Varney-2018	-197.7898574
605724.51	5600032.57	10.25061793	54151.66	53597.87	53446.21	54035.11896	-588.9089597	-382.7389597	Varney-2018	-207.3089597
605724.7	5600032.05	10.24442752	54151.68	53588.55	53436.87	54035.11741	-598.247412	-392.077412	Varney-2018	-216.647412
605724.97	5600031.77	10.24250832	54151.69	53586.58	53434.89	54035.11689	-600.2268854	-394.0568854	Varney-2018	-218.6268854
605723.45	5600031.45	10.22468948	54151.71	53594.11	53442.4	54035.11294	-592.7129438	-386.5429438	Varney-2018	-211.1129438
605723.45	5600031.8	10.22982061	54151.71	53591.36	53439.65	54035.11422	-595.4642225	-389.2942225	Varney-2018	-213.8642225
605723.42	5600031.35	10.22296961	54151.71	53592.55	53440.84	54035.11252	-594.2725236	-388.1025236	Varney-2018	-212.6725236
605723.7	5600030.33	10.21027866	54151.72	53581.16	53429.44	54035.10931	-605.669312	-399.499312	Varney-2018	-224.069312
605723.63	5600031.01	10.21973637	54151.74	53603.47	53451.73	54035.11167	-583.3816662	-377.2116662	Varney-2018	-201.7816662
605723.86	5600030.4	10.21260251	54151.76	53621.04	53469.28	54035.10986	-565.8298618	-359.6598618	Varney-2018	-184.2298618
605724.62	5600029.75	10.20888468	54151.79	53629.48	53477.69	54035.10889	-557.4188933	-351.2488933	Varney-2018	-175.8188933
605724.52	5600030.14	10.21399718	54151.8	53626.17	53474.37	54035.11013	-560.7401289	-354.5701289	Varney-2018	-179.1401289
605724.62	5600029.89	10.21100553	54151.82	53628.55	53476.73	54035.1094	-558.3794029	-352.2094029	Varney-2018	-176.7794029
605725.57	5600030.08	10.22141811	54151.82	53627.82	53476	54035.11185	-559.1118452	-352.9418452	Varney-2018	-177.5118452
605725.81	5600030.23	10.22566839	54151.83	53625.5	53473.67	54035.11283	-561.4428316	-355.2728316	Varney-2018	-179.8428316
605725.91	5600030.12	10.2247421	54151.83	53630.2	53478.37	54035.11262	-556.7426168	-350.5726168	Varney-2018	-175.1426168
605726.8	5600029.38	10.21993155	54151.83	53634.4	53482.57	54035.11158	-552.5415804	-346.3715804	Varney-2018	-170.9415804
605727.22	5600028.83	10.21421068	54151.84	53642.65	53490.81	54035.11037	-544.3003712	-338.1303712	Varney-2018	-162.7003712
605727.48	5600028.74	10.21466609	54151.85	53643.86	53492.01	54035.11053	-543.1005291	-336.9305291	Varney-2018	-161.5005291
605727.7	5600028.79	10.21710953	54151.87	53647.66	53495.79	54035.11112	-539.3211181	-333.1511181	Varney-2018	-157.7211181
605728	5600028.57	10.2156839	54151.89	53655.15	53503.26	54035.11088	-531.8508825	-325.6808825	Varney-2018	-150.2508825
605727.96	5600027.85	10.20348046	54151.9	53653.07	53501.17	54035.10821	-533.9382136	-327.7682136	Varney-2018	-152.3382136
605728.02	5600027.8	10.20307201	54151.91	53652.36	53500.45	54035.10815	-534.6581455	-328.4881455	Varney-2018	-153.0581455
605728.01	5600027.75	10.20217399	54151.91	53650.6	53498.69	54035.10795	-536.4179467	-330.2479467	Varney-2018	-154.8179467
605728.15	5600027.6	10.20065465	54151.9	53651.95	53500.05	54035.10767	-535.0576681	-328.8876681	Varney-2018	-153.4576681
605728.21	5600027.22	10.19474211	54151.9	53659.35	53507.45	54035.10641	-527.656412	-321.486412	Varney-2018	-146.056412
605728.27	5600026.9	10.18981091	54151.91	53665.39	53513.48	54035.10537	-521.6253725	-315.4553725	Varney-2018	-140.0253725
605728.04	5600026.71	10.1851426	54151.91	53667.05	53515.14	54035.10426	-519.9642561	-313.7942561	Varney-2018	-138.3642561
605728.07	5600026.5	10.1818545	54151.92	53670.36	53518.44	54035.10356	-516.663556	-310.493556	Varney-2018	-135.063556
605728.23	5600027.77	10.20403785	54151.93	53676.69	53524.76	54035.10843	-510.3484298	-304.1784298	Varney-2018	-128.7484298
605728.73	5600026.59	10.18762006	54151.94	53672.17	53520.23	54035.10512	-514.8751219	-308.7051219	Varney-2018	-133.2751219
605729.58	5600026.66	10.19432793	54151.94	53671.89	53519.95	54035.10697	-515.1569721	-308.9869721	Varney-2018	-133.5569721
605730.85	5600026.32	10.19655124	54151.94	53674.73	53522.79	54035.10815	-512.3181462	-306.1481462	Varney-2018	-130.7181462
605730.79	5600025.91	10.18890219	54151.94	53658.14	53506.2	54035.10657	-528.9065686	-322.7365686	Varney-2018	-147.3065686
605731.67	5600025.59	10.18855927	54151.93	53652.46	53500.53	54035.10709	-534.5770909	-328.4070909	Varney-2018	-152.9770909
605731.8	5600025.8	10.19315744	54151.92	53646.39	53494.47	54035.10808	-540.6380847	-334.4680847	Varney-2018	-159.0380847
605731.52	5600026.18	10.19828871	54151.91	53646.91	53495	54035.10891	-540.1089098	-333.9389098	Varney-2018	-158.5089098
605731.34	5600026.49	10.20272036	54151.92	53645.35	53493.43	54035.10968	-541.6796758	-335.5096758	Varney-2018	-160.0796758
605731.27	5600027.81	10.22593222	54151.94	53657.83	53505.89	54035.11425	-529.2242522	-323.0542522	Varney-2018	-147.6242522
605731.85	5600027.15	10.21799143	54151.95	53625.21	53473.26	54035.11299	-561.8529857	-355.6829857	Varney-2018	-180.2529857
605732.95	5600026.64	10.21586955	54151.97	53625.91	53473.94	54035.11324	-561.1732388	-355.0032388	Varney-2018	-179.5732388
605733.24	5600025.55	10.19731712	54152	53625.65	53473.65	54035.10992	-561.4599202	-355.2899202	Varney-2018	-179.8599202
605733.37	5600025.06	10.18888888	54152.03	53629.66	53477.63	54035.10843	-557.47843	-351.30843	Varney-2018	-175.87843
605733.42	5600024.49	10.17845116	54152.03	53635.9	53483.87	54035.10651	-551.2365054	-345.0665054	Varney-2018	-169.6365054
605733.56	5600024.58	10.18093406	54152.04	53629.76	53477.72	54035.10709	-557.3870908	-351.2170908	Varney-2018	-175.7870908
605733.46	5600024.68	10.18225468	54152.05	53632.09	53480.04	54035.10725	-555.0672547	-348.8972547	Varney-2018	-173.4672547
605733.16	5600024.35	10.17437594	54152.06	53633.58	53481.52	54035.10551	-553.5855138	-347.4155138	Varney-2018	-171.9855138
605733.13	5600023.95	10.1667288	54152.08	53634.72	53482.64	54035.10404	-552.4640381	-346.2940381	Varney-2018	-170.8640381
605733.32	5600022.19	10.13469326	54152.1	53636.72	53484.62	54035.09816	-550.4781635	-344.3081635	Varney-2018	-168.8781635
605733.37	5600021.66	10.12495962	54152.12	53640.51	53488.39	54035.09638	-546.706382	-340.536382	Varney-2018	-165.106382
605733.46	5600021.18	10.11631361	54152.15	53643.34	53491.19	54035.09486	-543.9048558	-337.7348558	Varney-2018	-162.3048558
605734.82	5600021.4	10.12631501	54152.16	53640.1	53487.94	54035.09827	-547.158272	-340.988272	Varney-2018	-165.558272
605735.63	5600020	10.10215807	54152.18	53642.64	53490.46	54035.09492	-544.6349166	-338.4649166	Varney-2018	-163.0349166

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605735.68	5600018.85	10.07961173	54152.2	53643.88	53491.68	54035.09097	-543.4109687	-337.2409687	Varney-2018	-161.8109687
605736.1	5600018.2	10.06801039	54152.23	53646.88	53494.65	54035.08951	-540.4395113	-334.2695113	Varney-2018	-158.8395113
605736.86	5600018.22	10.07067281	54152.23	53644.19	53491.96	54035.09108	-543.1310819	-336.9610819	Varney-2018	-161.5310819
605737.52	5600017.91	10.06627249	54152.24	53643.03	53490.79	54035.0913	-544.3013006	-338.1313006	Varney-2018	-162.7013006
605737.5	5600017.85	10.06498388	54152.27	53644.2	53491.93	54035.09105	-543.1610511	-336.9910511	Varney-2018	-161.5610511
605738.9	5600017.36	10.05859247	54152.3	53647.48	53495.18	54035.09211	-539.9121143	-333.7421143	Varney-2018	-158.3121143
605740.03	5600017.56	10.065869	54152.32	53666.61	53514.29	54035.09505	-520.8050498	-314.6350498	Varney-2018	-139.2050498
605740.36	5600016.65	10.04699429	54152.34	53667.06	53514.72	54035.09255	-520.3725495	-314.2025495	Varney-2018	-138.7725495
605741.11	5600015.79	10.02978649	54152.36	53658.95	53506.59	54035.09107	-528.5010694	-322.3310694	Varney-2018	-146.9010694
605741.88	5600015.88	10.03331059	54152.38	53658.65	53506.27	54035.09292	-528.8229207	-322.6529207	Varney-2018	-147.2229207
605741.9	5600015.75	10.03044321	54152.41	53658.93	53506.52	54035.09251	-528.5725123	-322.4025123	Varney-2018	-146.9725123
605742.52	5600015.26	10.0205648	54152.44	53656.81	53504.37	54035.09207	-530.7220666	-324.5520666	Varney-2018	-149.1220666
605744.42	5600013.16	9.974699742	54152.45	53658.54	53506.09	54035.0887	-528.9986953	-322.8286953	Varney-2018	-147.3986953
605745.12	5600012.28	9.954441436	54152.46	53656.22	53503.76	54035.08711	-531.3271127	-325.1571127	Varney-2018	-149.7271127
605745.62	5600011.34	9.932207493	54152.47	53658.89	53506.42	54035.08493	-528.6649293	-322.4949293	Varney-2018	-147.0649293
605745.45	5600010.14	9.903573126	54152.49	53665.91	53513.42	54035.08049	-521.6604891	-315.4904891	Varney-2018	-140.0604891
605746.14	5600010.02	9.900403928	54152.51	53669.01	53516.5	54035.0815	-518.5815047	-312.4115047	Varney-2018	-136.9815047
605746.82	5600009.9	9.897170537	54152.53	53669.55	53517.02	54035.0825	-518.0625015	-311.8925015	Varney-2018	-136.4625015
605747.5	5600009.78	9.893868998	54152.55	53666.74	53514.19	54035.0835	-520.8935002	-314.7235002	Varney-2018	-139.2935002
605748.18	5600009.66	9.890499311	54152.58	53658.2	53505.62	54035.0845	-529.4645006	-323.2945006	Varney-2018	-147.8645006
605748.86	5600009.54	9.887061476	54152.59	53657.74	53505.15	54035.0855	-529.9355029	-323.7655029	Varney-2018	-148.3355029
605748.86	5600009.54	9.887061476	54152.61	53658.83	53506.22	54035.0855	-528.8655029	-322.6955029	Varney-2018	-147.2655029
605748.86	5600009.54	9.887061476	54152.62	53658.13	53505.51	54035.0855	-529.5755029	-323.4055029	Varney-2018	-147.9755029
605751.27	5600010.5	9.910730437	54152.64	53657.4	53504.76	54035.0937	-530.3337037	-324.1637037	Varney-2018	-148.7337037
605751.27	5600010.5	9.910730437	54152.67	53656.59	53503.92	54035.0937	-531.1737037	-325.0037037	Varney-2018	-149.5737037
605751.35	5600012.05	9.951492436	54152.71	53654.17	53501.46	54035.09905	-533.6390522	-327.4690522	Varney-2018	-152.0390522
605751.47	5600012.42	9.961294178	54152.72	53656.37	53503.65	54035.10053	-531.4505342	-325.2805342	Varney-2018	-149.8505342
605751.58	5600012.79	9.971125891	54152.74	53657.35	53504.61	54035.10199	-530.4919949	-324.3219949	Varney-2018	-148.8919949
605752	5600011.34	9.932880376	54152.77	53656.54	53503.77	54035.09801	-531.3280104	-325.1580104	Varney-2018	-149.7280104
605752.91	5600012.31	9.959129628	54152.8	53650.47	53497.67	54035.1031	-537.4331034	-331.2631034	Varney-2018	-155.8331034
605753.33	5600014.35	10.01470459	54152.82	53637.96	53485.14	54035.11074	-549.9707378	-343.8007378	Varney-2018	-168.3707378
605753.55	5600014.38	10.01582119	54152.85	53626.82	53473.97	54035.11128	-561.1412811	-354.9712811	Varney-2018	-179.5412811
605753.96	5600017.81	10.11036894	54152.88	53614.33	53461.45	54035.12348	-573.6734798	-367.5034798	Varney-2018	-192.0734798
605754.42	5600021.92	10.22506616	54152.92	53604.03	53451.11	54035.138	-584.0279954	-377.8579954	Varney-2018	-202.4279954
605757.58	5600016.09	10.07080192	54152.96	53588.34	53435.38	54035.12501	-599.745009	-393.575009	Varney-2018	-218.145009
605759.25	5600016.32	10.28698581	54153	53581.77	53428.77	54035.12363	-606.3536317	-400.1836317	Varney-2018	-224.7536317
605759.9	5600015.98	10.37801992	54153.03	53573	53419.97	54035.12118	-615.1511765	-408.9811765	Varney-2018	-233.5511765
605761.37	5600016.94	10.63180473	54153.07	53564.6	53411.53	54035.12134	-623.5913419	-417.4213419	Varney-2018	-241.9913419
605762.21	5600015.57	10.72480054	54153.1	53562.94	53409.84	54035.11506	-625.2750611	-419.1050611	Varney-2018	-243.6750611
605762.13	5600014.38	10.68049058	54153.14	53562.5	53409.36	54035.11126	-625.751262	-419.581262	Varney-2018	-244.151262
605763.49	5600014.03	10.88313604	54153.15	53553.57	53400.42	54035.10726	-634.6872629	-428.5172629	Varney-2018	-253.0872629
605765.4	5600013.62	11.17062877	54153.17	53547.05	53393.88	54035.1019	-641.2218992	-435.0518992	Varney-2018	-259.6218992
605766.87	5600013.07	11.38675901	54153.2	53546.1	53392.9	54035.09696	-642.1969596	-436.0269596	Varney-2018	-260.5969596
605767.81	5600011.84	11.50450448	54153.24	53550.83	53397.59	54035.09079	-637.5007934	-431.3307934	Varney-2018	-255.9007934
605768.75	5600010.61	11.62347269	54153.26	53558.9	53405.64	54035.08459	-629.4445947	-423.2745947	Varney-2018	-247.8445947
605769.69	5600009.38	11.74366366	54153.29	53579.82	53426.53	54035.07836	-608.5483636	-402.3783636	Varney-2018	-226.9483636
605770.63	5600008.15	11.86507738	54153.32	53599.09	53445.77	54035.0721	-589.3021	-383.1321	Varney-2018	-207.7021
605767.8	5600008.39	11.42078621	54153.35	53607.48	53454.13	54035.07905	-580.9490478	-374.7790478	Varney-2018	-199.3490478
605767.52	5600008.03	11.36767297	54153.35	53599.44	53446.09	54035.07843	-588.9884268	-382.8184268	Varney-2018	-207.3884268
605767.61	5600007.87	11.378164	54153.36	53598.64	53445.28	54035.07769	-589.7976864	-383.6276864	Varney-2018	-208.1976864
605767.69	5600007.91	11.39185162	54153.38	53596.71	53443.33	54035.07765	-591.7476492	-385.5776492	Varney-2018	-210.1476492
605767.62	5600007.92	11.38095091	54153.4	53598.71	53445.31	54035.07784	-589.7678352	-383.5978352	Varney-2018	-208.1678352
605767.36	5600007.34	11.32563073	54153.41	53601.52	53448.11	54035.07642	-586.9664245	-380.7964245	Varney-2018	-205.3664245
605767.26	5600006.86	11.29812034	54153.43	53611.83	53458.4	54035.07501	-576.6750087	-370.5050087	Varney-2018	-195.0750087
605767.45	5600006.37	11.31670431	54153.46	53619.83	53466.37	54035.07292	-568.702925	-362.532925	Varney-2018	-187.102925
605767.64	5600005.89	11.3356257	54153.49	53626.9	53473.41	54035.07087	-561.6608727	-355.4908727	Varney-2018	-180.0608727
605766.64	5600005.85	11.17444103	54153.49	53636	53482.51	54035.07293	-552.5629344	-346.3929344	Varney-2018	-170.9629344
605766.73	5600005.07	11.1698478	54153.48	53638.36	53484.88	54035.07009	-550.1900879	-344.0200879	Varney-2018	-168.5900879
605766.41	5600004.77	11.11107881	54153.49	53645.6	53492.11	54035.06978	-542.9597775	-336.7897775	Varney-2018	-161.3597775
605766.08	5600004.47	11.05059871	54153.5	53654.54	53501.04	54035.06949	-534.0294919	-327.8594919	Varney-2018	-152.4294919
605765.29	5600002.6	10.8764331	54153.5	53665.4	53511.9	54035.06493	-523.1649315	-316.9949315	Varney-2018	-141.5649315
605764.41	5600002.13	10.72188578	54153.5	53668.32	53514.82	54035.06533	-520.2453252	-314.0753252	Varney-2018	-138.6453252
605764.19	5600000.96	10.6561105	54153.5	53672.93	53519.43	54035.06189	-515.631889	-309.461889	Varney-2018	-134.031889
605763.7	5600000.85	10.57347367	54153.51	53674.88	53521.37	54035.06263	-513.6926308	-307.5226308	Varney-2018	-132.0926308

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605763.49	5600000.45	10.52883441	54153.52	53676.33	53522.81	54035.06177	-512.2517671	-306.0817671	Varney-2018	-130.6517671
605762.35	5599999.37	10.31409017	54153.53	53678.09	53524.56	54035.06076	-510.5007582	-304.3307582	Varney-2018	-128.9007582
605762.12	5599998.89	10.26357854	54153.53	53679.08	53525.55	54035.05969	-509.5096858	-303.3396858	Varney-2018	-127.9096858
605761.89	5599998.54	10.21645183	54153.52	53682.29	53528.77	54035.05905	-506.2890491	-300.1190491	Varney-2018	-124.6890491
605762.18	5599998.04	10.25064783	54153.51	53682.27	53528.76	54035.05672	-506.296716	-300.126716	Varney-2018	-124.696716
605762.75	5599996.83	10.31228992	54153.49	53684.15	53530.66	54035.05136	-504.3913594	-298.2213594	Varney-2018	-122.7913594
605763.36	5599995.91	10.38887297	54153.49	53682.77	53529.28	54035.04686	-505.7668609	-299.5968609	Varney-2018	-124.1668609
605763.81	5599994.76	10.43353232	54153.48	53684.45	53530.97	54035.04195	-504.0719511	-297.9019511	Varney-2018	-122.4719511
605764.62	5599996.11	10.60248245	54153.49	53682.87	53529.38	54035.04459	-505.6645889	-299.4945889	Varney-2018	-124.0645889
605765.2	5599996.31	10.70343952	54153.51	53688.48	53534.97	54035.04391	-500.0739096	-293.9039096	Varney-2018	-118.4739096
605765.06	5599995.14	10.65074731	54153.51	53688.4	53534.89	54035.04029	-500.1502906	-293.9802906	Varney-2018	-118.5502906
605764.93	5599994.38	10.60993167	54153.52	53690.59	53537.07	54035.03803	-497.9680343	-291.7980343	Varney-2018	-116.3680343
605765.13	5599993.28	10.61544542	54153.52	53688.76	53535.24	54035.03385	-499.793852	-293.623852	Varney-2018	-118.193852
605765.31	5599992.23	10.61909908	54153.53	53686.54	53533.01	54035.02988	-502.01988	-295.84988	Varney-2018	-120.41988
605764.95	5599990.94	10.52616384	54153.53	53686.93	53533.4	54035.02639	-501.6263919	-295.4563919	Varney-2018	-120.0263919
605765.1	5599989.51	10.51528955	54153.52	53682.68	53529.16	54035.02121	-505.8612077	-299.6912077	Varney-2018	-124.2612077
605765.26	5599988.07	10.50608683	54153.52	53680.85	53527.33	54035.01596	-507.6859592	-301.5159592	Varney-2018	-126.0859592
605761.96	5599989.01	9.971591033	54153.52	53685.72	53532.2	54035.02716	-502.8271649	-296.6571649	Varney-2018	-121.2271649
605761.33	5599989.1	9.867487816	54153.53	53683.54	53530.01	54035.029	-505.0189973	-298.8489973	Varney-2018	-123.4189973
605760.7	5599989.19	9.763444561	54153.54	53689	53535.46	54035.03083	-499.5708281	-293.4008281	Varney-2018	-117.9708281
605760.63	5599988.32	9.727597904	54153.54	53681.6	53528.06	54035.02812	-506.9681185	-300.7981185	Varney-2018	-125.3681185
605758.3	5599985.31	9.245875383	54153.53	53669.74	53516.21	54035.02395	-518.8139479	-312.6439479	Varney-2018	-137.2139479
605757.67	5599983.82	9.136779908	54153.53	53658.31	53504.78	54035.01953	-530.2395256	-324.0695256	Varney-2018	-148.6395256
605757.05	5599982.32	9.100802998	54153.54	53662.7	53509.16	54035.01314	-525.8531435	-319.6831435	Varney-2018	-144.2531435
605757.93	5599981.62	9.075451467	54153.54	53663.62	53510.08	54035.01279	-524.9327932	-318.7627932	Varney-2018	-143.3327932
605758.68	5599982.64	9.234438423	54153.55	53662.64	53509.09	54035.01424	-525.9242381	-319.7542381	Varney-2018	-144.3242381
605758.9	5599982.65	9.272673998	54153.56	53662.73	53509.17	54035.01372	-525.8437158	-319.6737158	Varney-2018	-144.2437158
605760.03	5599982.07	9.451401768	54153.58	53662.25	53508.67	54035.00895	-526.3389492	-320.1689492	Varney-2018	-144.7389492
605761.12	5599980.96	9.609406388	54153.6	53661.64	53508.04	54035.00251	-526.9625079	-320.7925079	Varney-2018	-145.3625079
605761.77	5599979.98	9.69565054	54153.62	53661.24	53507.62	54034.99759	-527.3775926	-321.2075926	Varney-2018	-145.7775926
605762.09	5599977.88	9.696284705	54153.62	53660.49	53506.87	54034.98974	-528.1197436	-321.9497436	Varney-2018	-146.5197436
605763.48	5599977.32	9.961700889	54153.62	53664.12	53510.5	54034.98329	-524.4832917	-318.3132917	Varney-2018	-142.8832917
605765.05	5599976.71	10.26065025	54153.64	53672.25	53518.61	54034.97612	-516.3661176	-310.1961176	Varney-2018	-134.7661176
605766.52	5599976.69	10.51875638	54153.66	53678.88	53525.22	54034.97221	-509.7522068	-303.5822068	Varney-2018	-128.1522068
605765.96	5599976.52	10.42746958	54153.66	53679.07	53525.41	54034.97279	-509.5627918	-303.3927918	Varney-2018	-127.9627918
605766.68	5599978.37	10.51025169	54153.66	53677.61	53523.95	54034.97955	-511.0295523	-304.8595523	Varney-2018	-129.4295523
605765.89	5599978.35	10.37169509	54153.66	53676.37	53522.71	54034.98153	-512.2715256	-306.1015256	Varney-2018	-130.6715256
605765.82	5599978.04	10.35175522	54153.66	53676.96	53523.3	54034.98066	-511.6806578	-305.5106578	Varney-2018	-130.0806578
605765.7	5599977.76	10.33282165	54153.67	53676.28	53522.61	54034.97978	-512.3697818	-306.1997818	Varney-2018	-130.7697818
605765.8	5599977.54	10.35904109	54153.68	53676.58	53522.9	54034.9784	-512.0784022	-305.9084022	Varney-2018	-130.4784022
605765.92	5599977.47	10.38281755	54153.67	53676.56	53522.89	54034.97773	-512.0877347	-305.9177347	Varney-2018	-130.4877347
605766.25	5599977.32	10.44652061	54153.66	53674.94	53521.28	54034.97612	-513.6961157	-307.5261157	Varney-2018	-132.0961157
605766.31	5599977.21	10.46138286	54153.66	53677.77	53524.11	54034.9754	-510.8653999	-304.6953999	Varney-2018	-129.2653999
605767.18	5599976.87	10.62714481	54153.66	53675.4	53521.74	54034.97141	-513.2314138	-307.0614138	Varney-2018	-131.6314138
605767.99	5599975.49	10.82370082	54153.66	53681.44	53527.78	54034.96228	-507.1822832	-301.0122832	Varney-2018	-125.5822832
605768.54	5599975.01	10.93905389	54153.66	53687.84	53534.18	54034.95841	-500.7784115	-294.6084115	Varney-2018	-119.1784115
605768.99	5599974.28	11.04684199	54153.65	53697.87	53544.22	54034.95352	-490.7335246	-284.5635246	Varney-2018	-109.1335246
605769.38	5599974.72	11.09765405	54153.63	53687.69	53534.06	54034.95476	-500.8947559	-294.7247559	Varney-2018	-119.2947559
605769.36	5599974.7	11.09494667	54153.63	53687.54	53533.91	54034.95471	-501.0447058	-294.8747058	Varney-2018	-119.4447058
605770.6	5599974.33	11.32678682	54153.63	53677.71	53524.08	54034.9496	-510.8696049	-304.6996049	Varney-2018	-129.2696049
605770.59	5599973.91	11.34173819	54153.62	53686.21	53532.59	54034.94749	-502.3574898	-296.1874898	Varney-2018	-120.7574898
605770.35	5599973.48	11.31680545	54153.6	53702.54	53548.94	54034.94592	-486.0059203	-279.8359203	Varney-2018	-104.4059203
605770.65	5599972.75	11.3983784	54153.58	53708.78	53555.2	54034.94142	-479.741421	-273.571421	Varney-2018	-98.14142098
605770.7	5599972.06	11.43457834	54153.55	53730.89	53577.34	54034.93777	-457.5977739	-251.4277739	Varney-2018	-75.99777389
605771.32	5599971.14	11.57979504	54153.54	53761.33	53607.79	54034.93147	-427.1414749	-220.9714749	Varney-2018	-45.5414749
605771.76	5599971.05	11.66046758	54153.53	53775.59	53622.06	54034.92987	-412.8698741	-206.6998741	Varney-2018	-31.26987407
605771.84	5599971.14	11.67090183	54153.53	53757.34	53603.81	54034.93013	-431.1201253	-224.9501253	Varney-2018	-49.5201253
605772.11	5599969.99	11.76399127	54153.54	53781.04	53627.5	54034.92356	-407.423561	-201.253561	Varney-2018	-25.82356098
605772.16	5599969.8	11.7803178	54153.54	53783.86	53630.32	54034.92246	-404.6024624	-198.4324624	Varney-2018	-23.00246239
605772.03	5599969.55	11.76748848	54153.54	53788.91	53635.37	54034.92153	-399.5515253	-193.3815253	Varney-2018	-17.95152525
605771.72	5599968.88	11.73982697	54153.52	53802.36	53648.84	54034.91891	-386.0789142	-179.9089142	Varney-2018	-4.478914234
605772.15	5599968.6	11.82634135	54153.49	53806.44	53652.95	54034.91637	-381.9663698	-175.7963698	Varney-2018	-0.366369809
605771.94	5599968.53	11.79231917	54153.49	53807.29	53653.8	54034.91656	-381.1165583	-174.9465583	Varney-2018	0.483441654
605771.6	5599968.6	11.72993766	54153.49	53801.82	53648.33	54034.9178	-386.5877983	-180.4177983	Varney-2018	-4.987798346

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605771.7	5599968.81	11.73910756	54153.48	53792.12	53638.64	54034.91861	-396.2786093	-190.1086093	Varney-2018	-14.67860929
605772.24	5599968.16	11.85963552	54153.46	53797.07	53643.61	54034.91389	-391.3038925	-185.1338925	Varney-2018	-9.703892549
605772.61	5599967.81	11.93843302	54153.46	53801.65	53648.19	54034.91115	-386.7211467	-180.5511467	Varney-2018	-5.121146705
605774.02	5599968.31	12.16567557	54153.47	53786.45	53632.98	54034.91003	-401.9300337	-195.7600337	Varney-2018	-20.33003371
605774.02	5599968.17	12.17125707	54153.47	53778.63	53625.16	54034.90932	-409.7493197	-203.5793197	Varney-2018	-28.14931968
605773.76	5599968	12.1324574	54153.48	53777.66	53624.18	54034.90913	-410.7291281	-204.5591281	Varney-2018	-29.12912807
605773.78	5599967.88	12.14074665	54153.48	53788.03	53634.55	54034.90846	-400.3584641	-194.1884641	Varney-2018	-18.7584641
605775.27	5599969.31	12.34488113	54153.49	53793.56	53640.07	54034.91189	-394.841888	-188.671888	Varney-2018	-13.24188795
605776.4	5599969.06	12.55290781	54153.48	53779.78	53626.3	54034.90768	-408.6076781	-202.4376781	Varney-2018	-27.00767805
605777.6	5599968.53	12.78441232	54153.46	53749.78	53596.32	54034.90186	-438.5818571	-232.4118571	Varney-2018	-56.98185707
605778.01	5599969.09	12.83388658	54153.45	53728.8	53575.35	54034.90365	-459.55365	-253.38365	Varney-2018	-77.95365
605779.09	5599968.66	13.04037968	54153.44	53720.27	53566.83	54034.89865	-468.0686505	-261.8986505	Varney-2018	-86.46865048
605779.27	5599968.74	13.06872799	54153.44	53715.01	53561.57	54034.89859	-473.3285913	-267.1585913	Varney-2018	-91.72859131
605781.01	5599967.78	13.41217591	54153.44	53716.88	53563.44	54034.88917	-471.4491707	-265.2791707	Varney-2018	-89.8491707
605781.68	5599966.56	13.57854043	54153.45	53720.15	53566.7	54034.8812	-468.1812005	-262.0112005	Varney-2018	-86.58120053
605782.47	5599965.72	13.75075414	54153.47	53727.36	53573.89	54034.87486	-460.9848577	-254.8148577	Varney-2018	-79.38485769
605781.46	5599965.17	13.59568373	54153.47	53727.5	53574.03	54034.87467	-460.844675	-254.674675	Varney-2018	-79.24467497
605782.41	5599964.26	13.79879658	54153.47	53728.44	53574.97	54034.86756	-459.8975578	-253.7275578	Varney-2018	-78.29755785
605784.19	5599963.22	14.1527902	54153.47	53719.91	53566.44	54034.85762	-468.4176162	-262.2476162	Varney-2018	-86.81761616
605785.22	5599961.93	14.38534042	54153.48	53716.45	53562.97	54034.84835	-471.8783461	-265.7083461	Varney-2018	-90.27834612
605786.26	5599960.63	14.62012548	54153.47	53717.09	53563.62	54034.839	-471.2189969	-265.0489969	Varney-2018	-89.61899689
605787.29	5599959.34	14.85283135	54153.46	53727.2	53573.74	54034.82972	-461.0897227	-254.9197227	Varney-2018	-79.48972271
605788.33	5599958.05	15.08737057	54153.46	53733.05	53579.59	54034.82042	-455.2304204	-249.0604204	Varney-2018	-73.63042043
605789.36	5599956.76	15.32023178	54153.46	53740.52	53587.06	54034.81114	-447.7511421	-241.5811421	Varney-2018	-66.15114213
605789.36	5599956.76	15.32023178	54153.46	53737.75	53584.29	54034.81114	-450.5211421	-244.3511421	Varney-2018	-68.92114213
605782.47	5599955.24	14.17115144	54153.46	53736.48	53583.02	54034.82134	-451.8013386	-245.6313386	Varney-2018	-70.20133865
605783.1	5599957.21	14.20276165	54153.46	53731.25	53577.79	54034.82976	-457.0397571	-250.8697571	Varney-2018	-75.43975714
605785.54	5599957.32	14.62683142	54153.47	53751.11	53597.64	54034.82396	-437.1839601	-231.0139601	Varney-2018	-55.58396012
605782.48	5599953.08	14.25955553	54153.47	53748.83	53595.36	54034.81028	-439.4502819	-233.2802819	Varney-2018	-57.85028189
605782.87	5599952.6	14.34735144	54153.48	53752.64	53599.16	54034.80681	-435.6468128	-229.4768128	Varney-2018	-54.04681284
605784.09	5599951.85	14.59188264	54153.48	53751.99	53598.51	54034.7998	-436.289798	-230.119798	Varney-2018	-54.68979795
605784.18	5599950.17	14.67517745	54153.48	53738.2	53584.72	54034.79098	-450.0709814	-243.9009814	Varney-2018	-68.47098139
605783.57	5599948.42	14.63818524	54153.47	53742.04	53588.57	54034.78364	-446.2136361	-240.0436361	Varney-2018	-64.61363609
605784.12	5599947.39	14.77627979	54153.46	53726.71	53573.25	54034.77694	-461.5269377	-255.3569377	Varney-2018	-79.92693765
605783.89	5599945.66	14.80529256	54153.46	53712.8	53559.34	54034.7687	-475.4287022	-269.2587022	Varney-2018	-93.82870215
605784.15	5599946.12	14.83256404	54153.47	53703.65	53550.18	54034.77037	-484.590372	-278.420372	Varney-2018	-102.990372
605785.76	5599945.37	15.14597689	54153.45	53696.08	53542.63	54034.76233	-492.1323302	-285.9623302	Varney-2018	-110.5323302
605786.75	5599943.68	15.3881781	54153.43	53697.17	53543.74	54034.7511	-491.011105	-284.841105	Varney-2018	-109.411105
605787.76	5599942.03	15.63238724	54153.43	53691.23	53537.8	54034.74003	-496.9400292	-290.7700292	Varney-2018	-115.3400292
605788.91	5599940.33	15.903363	54153.42	53681.81	53528.39	54034.72833	-506.3383286	-300.1683286	Varney-2018	-124.7383286
605789.32	5599938.29	16.05780606	54153.42	53669.05	53515.63	54034.71683	-519.0868261	-312.9168261	Varney-2018	-137.4868261
605789.73	5599936.25	16.2122979	54153.41	53673.91	53520.5	54034.70532	-514.2053222	-308.0353222	Varney-2018	-132.6053222
605790.15	5599934.21	16.36860134	54153.41	53682.61	53529.2	54034.69379	-505.4937908	-299.3237908	Varney-2018	-123.8937908
605792.16	5599938.45	16.55164615	54153.42	53680.18	53526.76	54034.7102	-507.9502013	-301.7802013	Varney-2018	-126.3502013
605792.54	5599944.02	16.39351455	54153.42	53680.87	53527.45	54034.73769	-507.2876937	-301.1176937	Varney-2018	-125.6876937
605793.33	5599943.98	16.53416875	54153.42	53683.43	53530.01	54034.73542	-504.7254222	-298.5554222	Varney-2018	-123.1254222
605794.15	5599943.96	16.67929564	54153.4	53676.81	53523.41	54034.73317	-511.3231744	-305.1531744	Varney-2018	-129.7231744
605794.54	5599943.29	16.77504717	54153.38	53681.56	53528.18	54034.72873	-506.5487262	-300.3787262	Varney-2018	-124.9487262
605794.58	5599943.05	16.79180004	54153.38	53676.91	53523.53	54034.72739	-511.1973937	-305.0273937	Varney-2018	-129.5973937
605795.48	5599943.09	16.94860229	54153.37	53678.82	53525.45	54034.72524	-509.2752429	-303.1052429	Varney-2018	-127.6752429
605797.11	5599942.88	17.24403386	54153.37	53693.97	53540.6	54034.7199	-494.1199023	-287.9499023	Varney-2018	-112.5199023
605796.15	5599943.22	17.06127117	54153.37	53684.87	53531.5	54034.72415	-503.2241548	-297.0541548	Varney-2018	-121.6241548
605797.24	5599942.84	17.26853947	54153.37	53691.36	53537.99	54034.71936	-496.7293573	-290.5593573	Varney-2018	-115.1293573
605796.96	5599944.07	17.16939071	54153.36	53696.5	53543.14	54034.72639	-491.5863853	-285.4163853	Varney-2018	-109.9863853
605795.38	5599945.75	16.82329474	54153.36	53702.88	53549.52	54034.73912	-485.2191153	-279.0491153	Varney-2018	-103.6191153
605793.8	5599947.43	16.47735357	54153.35	53712.84	53559.49	54034.75184	-475.2618412	-269.0918412	Varney-2018	-93.66184115
605800.9	5599946.14	17.77866091	54153.34	53720.54	53567.2	54034.72668	-467.5266775	-261.3566775	Varney-2018	-85.92667752
605801.73	5599944.95	17.97309066	54153.32	53720.66	53567.34	54034.71841	-467.3784125	-261.2084125	Varney-2018	-85.77841249
605802.71	5599944.08	18.18095316	54153.32	53727.31	53573.99	54034.71139	-460.7213926	-254.5513926	Varney-2018	-79.12139263
605803.68	5599943.22	18.38669785	54153.31	53720.89	53567.58	54034.70445	-467.1244488	-260.9544488	Varney-2018	-85.52444884
605804.66	5599942.35	18.59465926	54153.31	53708.17	53554.86	54034.69743	-479.8374264	-273.6674264	Varney-2018	-98.23742635
605805.64	5599941.49	18.80226248	54153.31	53700.45	53547.14	54034.69045	-487.5504538	-281.3804538	Varney-2018	-105.9504538
605805.88	5599941.27	18.85349457	54153.31	53720.47	53567.16	54034.6887	-467.5286979	-261.3586979	Varney-2018	-85.92869791
605805.88	5599941.27	18.85349457	54153.3	53749.11	53595.81	54034.6887	-438.8786979	-232.7086979	Varney-2018	-57.27869791

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605805.88	5599941.27	18.85349457	54153.3	53757.89	53604.59	54034.6887	-430.0986979	-223.9286979	Varney-2018	-48.49869791
605805.88	5599941.27	18.85349457	54153.3	53756.27	53602.97	54034.6887	-431.7186979	-225.5486979	Varney-2018	-50.11869791
605805.88	5599941.27	18.85349457	54153.3	53752.18	53598.88	54034.6887	-435.8086979	-229.6386979	Varney-2018	-54.20869791
605805.88	5599941.27	18.85349457	54153.29	53755.87	53602.58	54034.6887	-432.1086979	-225.9386979	Varney-2018	-50.50869791
605805.88	5599941.27	18.85349457	54153.28	53755.12	53601.84	54034.6887	-432.8486979	-226.6786979	Varney-2018	-51.24869791
605805.88	5599941.27	18.85349457	54153.27	53759.64	53606.37	54034.6887	-428.3186979	-222.1486979	Varney-2018	-46.71869791
605805.88	5599941.27	18.85349457	54153.29	53770.47	53617.18	54034.6887	-417.5086979	-211.3386979	Varney-2018	-35.90869791
605805.88	5599941.27	18.85349457	54153.31	53763.52	53610.21	54034.6887	-424.4786979	-218.3086979	Varney-2018	-42.87869791
605810.92	5599941.56	19.72904561	54153.31	53769	53615.69	54034.67699	-418.986988	-212.816988	Varney-2018	-37.386988
605808.58	5599941.86	19.30478409	54153.32	53757.19	53603.87	54034.68465	-430.8146529	-224.6446529	Varney-2018	-49.21465287
605808.73	5599938.25	19.47876959	54153.33	53752.62	53599.29	54034.66575	-435.3757513	-229.2057513	Varney-2018	-53.77575133
605809.24	5599939.75	19.5072712	54153.34	53760.49	53607.15	54034.67211	-427.5221059	-221.3521059	Varney-2018	-45.92210595
605810.11	5599939.43	19.67359064	54153.34	53780.25	53626.91	54034.66819	-407.7581858	-201.5881858	Varney-2018	-26.15818581
605811.24	5599938.99	19.89063691	54153.33	53794.96	53641.63	54034.66297	-393.0329685	-186.8629685	Varney-2018	-11.43296851
605811.15	5599938.26	19.90467793	54153.34	53799.57	53646.23	54034.65946	-388.4294602	-182.2594602	Varney-2018	-6.829460184
605809.18	5599937.77	19.57767225	54153.35	53808.62	53655.27	54034.66211	-379.3921108	-173.2221108	Varney-2018	2.20788923
605812.49	5599939.38	20.09482949	54153.36	53819.7	53666.34	54034.66169	-368.3216939	-162.1516939	Varney-2018	13.27830612
605814.39	5599940.03	20.4028	54153.37	53821.19	53667.82	54034.66005	-366.8400514	-160.6700514	Varney-2018	14.7599486
605814.7	5599940.99	20.41798301	54153.37	53824.39	53671.02	54034.66417	-363.6441658	-157.4741658	Varney-2018	17.95583419
605815.71	5599943.26	20.50256886	54153.36	53825.58	53672.22	54034.67317	-362.4531717	-156.2831717	Varney-2018	19.14682835
605815	5599943.42	20.37102581	54153.38	53819.15	53665.77	54034.67585	-368.9058508	-162.7358508	Varney-2018	12.69414918
605814.83	5599942.88	20.36327472	54153.4	53820.81	53667.41	54034.67352	-367.2635245	-161.0935245	Varney-2018	14.3364755
605815.33	5599941.97	20.4886653	54153.4	53819.5	53666.1	54034.66755	-368.5675456	-162.3975456	Varney-2018	13.03245443
605815.91	5599941.67	20.60310453	54153.4	53815.43	53662.03	54034.66449	-372.6344873	-166.4644873	Varney-2018	8.965512652
605816.53	5599941.65	20.71308677	54153.4	53820.42	53667.02	54034.66276	-367.6427614	-161.4727614	Varney-2018	13.9572386
605816.71	5599941.01	20.77109061	54153.41	53814.23	53660.82	54034.659	-373.8390048	-167.6690048	Varney-2018	7.760995172
605817.45	5599940.87	20.9071515	54153.42	53808.3	53654.88	54034.65635	-379.7763482	-173.6063482	Varney-2018	1.823651758
605819.93	5599941.63	21.31253279	54153.44	53797.77	53644.33	54034.65376	-390.3237567	-184.1537567	Varney-2018	-8.723756732
605820.52	5599942.11	21.39662424	54153.45	53794.28	53640.83	54034.65468	-393.8246774	-187.6546774	Varney-2018	-12.22467735
605820.87	5599943.07	21.41865781	54153.46	53790.36	53636.9	54034.65869	-397.7586921	-191.5886921	Varney-2018	-16.15869212
605820.78	5599943.59	21.38137538	54153.46	53792.96	53639.5	54034.6616	-395.1615986	-188.9915986	Varney-2018	-13.5615986
605820.64	5599944.22	21.330761	54153.47	53782.38	53628.91	54034.6652	-405.7552008	-199.5852008	Varney-2018	-24.15520081
605821.65	5599944.68	21.48953315	54153.48	53772.02	53618.54	54034.66492	-416.1249215	-209.9549215	Varney-2018	-34.52492146
605821.99	5599944.39	21.56133262	54153.5	53769.09	53615.59	54034.66254	-419.0725422	-212.9025422	Varney-2018	-37.47254223
605822.43	5599945.4	21.59707396	54153.53	53770.38	53616.85	54034.66658	-417.8165802	-211.6465802	Varney-2018	-36.21658021
605823.3	5599944.64	21.78154725	54153.56	53768.39	53614.83	54034.6604	-419.8303997	-213.6603997	Varney-2018	-38.23039972
605823.6	5599944.95	21.82153347	54153.56	53767.66	53614.1	54034.66121	-420.5612079	-214.3912079	Varney-2018	-38.96120791
605823.56	5599945.79	21.77979231	54153.57	53773.53	53619.96	54034.66563	-414.7056289	-208.5356289	Varney-2018	-33.10562892
605823.68	5599945.38	21.81784517	54153.57	53771.58	53618.01	54034.66321	-416.6532083	-210.4832083	Varney-2018	-35.05320827
605824.25	5599945.63	21.90780725	54153.57	53765.99	53612.42	54034.663	-422.2430023	-216.0730023	Varney-2018	-40.6430023
605823.77	5599945.08	21.8460768	54153.59	53763.28	53609.69	54034.66143	-424.9714313	-218.8014313	Varney-2018	-43.37143128
605823.09	5599943.56	21.78919441	54153.61	53757.03	53603.42	54034.6554	-431.2353998	-225.0653998	Varney-2018	-49.63539981
605822.92	5599942.54	21.80139237	54153.63	53751.29	53597.66	54034.6506	-436.9906038	-230.8206038	Varney-2018	-55.39060383
605822.97	5599942.01	21.83208078	54153.66	53748.15	53594.49	54034.64775	-440.1577498	-233.9877498	Varney-2018	-58.55774976
605822.59	5599941.84	21.77219827	54153.67	53750.92	53597.25	54034.64787	-437.3978712	-231.2278712	Varney-2018	-55.79787115
605822.12	5599944.13	21.59494101	54153.69	53753.72	53600.03	54034.66087	-434.6308664	-228.4608664	Varney-2018	-53.0308664
605823.63	5599941.82	21.95612666	54153.69	53753.73	53600.04	54034.64505	-434.6050456	-228.4350456	Varney-2018	-53.00504558
605825.02	5599940.48	22.25626611	54153.69	53733.58	53579.89	54034.63452	-454.7445192	-248.5745192	Varney-2018	-73.14451924
605825.42	5599939.56	22.36476314	54153.7	53723.91	53570.21	54034.62874	-464.4187428	-258.2487428	Varney-2018	-82.81874278
605824.64	5599939.54	22.22821158	54153.72	53717.33	53563.61	54034.63068	-471.0206835	-264.8506835	Varney-2018	-89.42068347
605823.47	5599938.22	22.07667212	54153.74	53713.62	53559.88	54034.62697	-474.7469659	-268.5769659	Varney-2018	-93.14696589
605823.51	5599938.28	22.08124007	54153.76	53707.83	53554.07	54034.62717	-480.5571694	-274.3871694	Varney-2018	-98.95716937
605822.89	5599937.91	21.98729704	54153.77	53704.86	53551.09	54034.62689	-483.5368932	-277.3668932	Varney-2018	-101.9368932
605823.04	5599937.75	22.02033074	54153.79	53699.23	53545.44	54034.62568	-489.1856779	-283.0156779	Varney-2018	-107.5856779
605823.14	5599937.11	22.06438072	54153.79	53694.57	53540.78	54034.62213	-493.8421273	-287.6721273	Varney-2018	-112.2421273
605822.3	5599935.78	21.97127129	54153.8	53681.37	53527.57	54034.6175	-507.0474966	-300.8774966	Varney-2018	-125.4474966
605822.35	5599935.02	22.01145371	54153.79	53669.77	53515.98	54034.61346	-518.6334609	-312.4634609	Varney-2018	-137.0334609
605821.65	5599932.59	21.98832644	54153.78	53670.94	53517.16	54034.60281	-517.442814	-311.272814	Varney-2018	-135.842814
605821.92	5599930.98	22.10237132	54153.79	53661.62	53507.83	54034.59383	-526.7638342	-320.5938342	Varney-2018	-145.1638342
605822.64	5599929.61	22.28592351	54153.8	53660.4	53506.6	54034.5849	-527.9849042	-321.8149042	Varney-2018	-146.3849042
605823.04	5599929.78	22.34946952	54153.82	53663.51	53509.69	54034.58473	-524.8947267	-318.7247267	Varney-2018	-143.2947267
605821.06	5599928.76	22.04223927	54153.85	53663.38	53509.53	54034.58469	-525.0546896	-318.8846896	Varney-2018	-143.4546896
605820.66	5599928.21	21.99433812	54153.86	53661.31	53507.45	54034.58292	-527.1329159	-320.9629159	Varney-2018	-145.5329159
605821.81	5599925.31	22.31692175	54153.87	53658.63	53504.76	54034.56499	-529.804995	-323.634995	Varney-2018	-148.204995

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605821.41	5599924.66	22.27311736	54153.88	53658.32	53504.44	54034.56271	-530.1227083	-323.9527083	Varney-2018	-148.5227083
605823.12	5599925.1	22.5568643	54153.89	53659.95	53506.06	54034.56047	-528.5004695	-322.3304695	Varney-2018	-146.9004695
605823.6	5599925.37	22.6304526	54153.89	53659.97	53506.08	54034.56059	-528.4805941	-322.3105941	Varney-2018	-146.8805941
605823.92	5599925.16	22.69562319	54153.89	53660.96	53507.07	54034.55867	-527.4886731	-321.3186731	Varney-2018	-145.8886731
605824.06	5599923.45	22.79100874	54153.9	53654.74	53500.84	54034.54952	-533.7095171	-327.5395171	Varney-2018	-152.1095171
605825.18	5599921.27	23.07896015	54153.91	53644.77	53490.86	54034.53536	-543.6753641	-337.5053641	Varney-2018	-162.0753641
605824.65	5599919.81	23.04569308	54153.93	53629.85	53475.92	54034.52926	-558.6092565	-352.4392565	Varney-2018	-177.0092565
605824.27	5599918.04	23.05170583	54153.95	53618.6	53464.65	54034.52116	-569.8711616	-363.7011616	Varney-2018	-188.2711616
605824.52	5599917.39	23.12276549	54153.96	53619.81	53465.85	54034.51716	-568.6671619	-362.4971619	Varney-2018	-187.0671619
605824.69	5599916.94	23.17142224	54153.98	53623.13	53469.15	54034.5144	-565.3644008	-359.1944008	Varney-2018	-183.7644008
605824.58	5599914.63	23.2474761	54153.99	53623.87	53469.88	54034.50282	-564.6228189	-358.4528189	Varney-2018	-183.0228189
605824.38	5599912.4	23.30428538	54154.01	53612.87	53458.86	54034.49189	-575.6318863	-369.4618863	Varney-2018	-194.0318863
605822.28	5599908.25	23.10404874	54154.01	53594.29	53440.28	54034.47611	-594.1961109	-388.0261109	Varney-2018	-212.5961109
605820.03	5599906.82	22.76464014	54154.01	53576.94	53422.93	54034.47472	-611.5447157	-405.3747157	Varney-2018	-229.9447157
605819.15	5599905.7	22.65493483	54154.01	53561.51	53407.5	54034.47129	-626.971292	-420.801292	Varney-2018	-245.371292
605818.49	5599904.32	22.59484697	54154.02	53547.9	53393.88	54034.46595	-640.5859525	-434.4159525	Varney-2018	-258.9859525
605818.05	5599903.1	22.56710441	54154.03	53535.97	53381.94	54034.46085	-652.5208532	-446.3508532	Varney-2018	-270.9208532
605817.88	5599902.89	22.54562304	54154.04	53534.78	53380.74	54034.46023	-653.7202252	-447.5502252	Varney-2018	-272.1202252
605818.26	5599902.76	22.61830783	54154.05	53536.52	53382.47	54034.45855	-651.9885514	-445.8185514	Varney-2018	-270.3885514
605818.47	5599902.49	22.66663394	54154.06	53536.99	53382.93	54034.45661	-651.5266089	-445.3566089	Varney-2018	-269.9266089
605818.7	5599902.17	22.72056619	54154.08	53535.48	53381.4	54034.45436	-653.0543566	-446.8843566	Varney-2018	-271.4543566
605818.58	5599902.1	22.70218192	54154.1	53535.57	53381.47	54034.45432	-652.984315	-446.814315	Varney-2018	-271.384315
605818.61	5599902.09	22.70791015	54154.1	53536.3	53382.2	54034.45418	-652.2541842	-446.0841842	Varney-2018	-270.6541842
605818.57	5599902.08	22.70123307	54154.11	53536.41	53382.3	54034.45424	-652.1542388	-445.9842388	Varney-2018	-270.5542388
605819.16	5599902.36	22.79426078	54154.12	53535.1	53380.98	54034.45411	-653.4741139	-447.3041139	Varney-2018	-271.8741139
605819.1	5599903.29	22.74532856	54154.13	53535.44	53381.31	54034.45905	-653.1490485	-446.9790485	Varney-2018	-271.5490485
605819.18	5599903.34	22.75744403	54154.13	53530.64	53376.51	54034.45909	-657.9490934	-451.7790934	Varney-2018	-276.3490934
605819.31	5599903.43	22.77677077	54154.12	53514.17	53360.05	54034.45921	-674.4092114	-468.2392114	Varney-2018	-292.8092114
605819.36	5599902.15	22.83835284	54154.13	53518.94	53364.81	54034.45251	-669.6425057	-463.4725057	Varney-2018	-288.0425057
605819.65	5599901.86	22.90688559	54154.14	53516.2	53362.06	54034.45011	-672.3901105	-466.2201105	Varney-2018	-290.7901105
605819.89	5599901.75	22.95800809	54154.16	53510.69	53356.53	54034.4488	-677.9188022	-471.7488022	Varney-2018	-296.3188022
605820.66	5599901.28	23.13101713	54154.18	53519.55	53365.37	54034.44389	-669.0738929	-462.9038929	Varney-2018	-287.4738929
605819.97	5599901.6	22.98390366	54154.21	53508.54	53354.33	54034.44767	-680.1176731	-473.9476731	Varney-2018	-298.5176731
605818.58	5599902.38	22.69065511	54154.24	53508.74	53354.5	54034.45575	-679.9557528	-473.7857528	Varney-2018	-298.3557528
605820.29	5599899.17	23.23022945	54154.24	53497.77	53343.53	54034.43197	-690.9019713	-484.7319713	Varney-2018	-309.3019713
605820.66	5599896.86	23.47539643	54154.25	53479.8	53325.55	54034.41689	-708.866888	-502.696888	Varney-2018	-327.266888
605821.43	5599897.02	23.59797718	54154.28	53467.75	53313.47	54034.41586	-720.9458634	-514.7758634	Varney-2018	-339.3458634
605822.29	5599897.1	23.74262383	54154.32	53460.64	53306.32	54034.41411	-728.0941148	-521.9241148	Varney-2018	-346.4941148
605823.13	5599897.19	23.88304226	54154.33	53508.15	53353.82	54034.41248	-680.5924777	-474.4224777	Varney-2018	-298.9924777
605823.18	5599896.57	23.93954535	54154.34	53567.14	53412.8	54034.40857	-621.6085749	-415.4385749	Varney-2018	-240.0085749
605823.15	5599896	23.97817648	54154.36	53612.19	53457.83	54034.40518	-576.5751841	-370.4051841	Varney-2018	-194.9751841
605822.29	5599894.83	23.91812438	54154.38	53610.41	53456.03	54034.40028	-578.3702819	-372.2002819	Varney-2018	-196.7702819
605821.97	5599895.17	23.83593276	54154.4	53608.61	53454.21	54034.40318	-580.1931801	-374.0231801	Varney-2018	-198.5931801
605822.5	5599893.63	24.04746858	54154.42	53627.74	53473.32	54034.39243	-561.0724303	-354.9024303	Varney-2018	-179.4724303
605822.74	5599893.54	24.09620448	54154.44	53640.46	53486.02	54034.39127	-548.3712662	-342.2012662	Varney-2018	-166.7712662
605822.8	5599894.11	24.06268939	54154.47	53649.5	53495.03	54034.39458	-539.3645828	-333.1945828	Varney-2018	-157.7645828
605823.48	5599892.85	24.27808393	54154.49	53665.68	53511.19	54034.38517	-523.1951706	-317.0251706	Varney-2018	-141.5951706
605824.32	5599891.69	24.51293179	54154.51	53673.48	53518.97	54034.37597	-515.405975	-309.235975	Varney-2018	-133.805975
605823.39	5599891.77	24.34549771	54154.53	53680.89	53526.36	54034.37883	-508.0188313	-301.8488313	Varney-2018	-126.4188313
605823.38	5599891.48	24.36606746	54154.56	53690.69	53536.13	54034.37709	-498.2470927	-292.0770927	Varney-2018	-116.6470927
605823.84	5599890.66	24.50873365	54154.61	53692.61	53538	54034.37094	-496.370937	-290.200937	Varney-2018	-114.770937
605823.89	5599890.36	24.54040268	54154.66	53692.9	53538.24	54034.36899	-496.1289867	-289.9589867	Varney-2018	-114.5289867
605823.96	5599890.11	24.57168218	54154.68	53689.74	53535.06	54034.36729	-499.3072899	-293.1372899	Varney-2018	-117.7072899
605823.45	5599889.93	24.49737391	54154.71	53690	53535.29	54034.36749	-499.0774867	-292.9074867	Varney-2018	-117.4774867
605825.6	5599888.91	24.94644884	54154.73	53688.73	53534	54034.35586	-500.3558628	-294.1858628	Varney-2018	-118.7558628
605826.55	5599887.52	25.21550758	54154.75	53683.3	53528.55	54034.34506	-505.7950555	-299.6250555	Varney-2018	-124.1950555
605826.6	5599887.41	25.23243144	54154.76	53679.48	53524.72	54034.34426	-509.6242645	-303.4542645	Varney-2018	-128.0242645
605827.12	5599886.02	25.42678024	54154.77	53674.52	53519.75	54034.33456	-514.5845566	-308.4145566	Varney-2018	-132.9845566
605827.22	5599886.36	25.41824478	54154.78	53674.81	53520.03	54034.33636	-514.3063628	-308.1363628	Varney-2018	-132.7063628
605826.74	5599882.86	25.60080014	54154.8	53674.41	53519.61	54034.31638	-514.7063849	-308.5363849	Varney-2018	-133.1063849
605827.68	5599882.27	25.80519867	54154.84	53676.1	53521.26	54034.31051	-513.0505067	-306.8805067	Varney-2018	-131.4505067
605826.95	5599882.14	25.6909636	54154.88	53674.72	53519.84	54034.31151	-514.4715133	-308.3015133	Varney-2018	-132.8715133
605827.4	5599881.23	25.83605963	54154.9	53678.45	53523.55	54034.30491	-510.7549088	-304.5849088	Varney-2018	-129.1549088
605829.32	5599880.85	26.19001903	54154.93	53681.98	53527.05	54034.29792	-507.2479235	-301.0779235	Varney-2018	-125.6479235

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605831.06	5599880.22	26.53148929	54154.95	53685.53	53530.58	54034.28989	-503.7098894	-297.5398894	Varney-2018	-122.1098894
605831.72	5599880.65	26.61140671	54154.98	53690.9	53535.92	54034.29086	-498.3708624	-292.2008624	Varney-2018	-116.7708624
605831.45	5599880.27	26.59377769	54154.99	53691.93	53536.94	54034.28924	-497.3492396	-291.1792396	Varney-2018	-115.7492396
605830.54	5599879.96	26.46281968	54155.01	53692.29	53537.28	54034.28959	-497.0095926	-290.8395926	Varney-2018	-115.4095926
605830.41	5599879.52	26.4735378	54155.03	53691.79	53536.76	54034.28726	-497.5272626	-291.3572626	Varney-2018	-115.9272626
605830.83	5599879.28	26.56229004	54155.06	53693.16	53538.1	54034.2848	-496.1848	-290.0148	Varney-2018	-114.5848
605831.73	5599877.39	26.85379666	54155.08	53689.74	53534.66	54034.27127	-499.6112732	-293.4412732	Varney-2018	-118.0112732
605831.97	5599877.61	26.87792874	54155.1	53689.88	53534.78	54034.27202	-499.492015	-293.322015	Varney-2018	-117.892015
605831.87	5599876.4	26.95038146	54155.13	53695.75	53540.62	54034.265	-493.6449959	-287.4749959	Varney-2018	-112.0449959
605832.31	5599875.65	27.07942136	54155.16	53704.3	53549.14	54034.25944	-485.1194438	-278.9494438	Varney-2018	-103.5194438
605833.03	5599874.09	27.31445968	54155.18	53710.07	53554.89	54034.24838	-479.3583797	-273.1883797	Varney-2018	-97.75837968
605833.81	5599873.26	27.50478568	54155.2	53717.84	53562.64	54034.24158	-471.6015761	-265.4315761	Varney-2018	-90.00157613
605834.15	5599872.01	27.63487489	54155.23	53725.31	53570.08	54034.23377	-464.1537695	-257.9837695	Varney-2018	-82.55376951
605834.49	5599870.76	27.76500691	54155.26	53727.09	53571.83	54034.22596	-462.3959618	-256.2259618	Varney-2018	-80.79596175
605834.83	5599869.51	27.89518174	54155.28	53723.01	53567.73	54034.21815	-466.4881529	-260.3181529	Varney-2018	-84.88815286
605835.16	5599868.26	28.02425775	54155.31	53722.48	53567.17	54034.21035	-467.0403526	-260.8703526	Varney-2018	-85.44035259
605834.32	5599870.38	27.77339745	54155.33	53723.85	53568.52	54034.22385	-465.7038539	-259.5338539	Varney-2018	-84.10385394
605833.07	5599870.53	27.58222497	54155.36	53724.19	53568.83	54034.22697	-465.3969661	-259.2269661	Varney-2018	-83.79696606
605833.18	5599870.12	27.63049578	54155.38	53724.76	53569.38	54034.22425	-464.8442537	-258.6742537	Varney-2018	-83.24425375
605833.29	5599869.71	27.67873333	54155.4	53720.22	53564.82	54034.22154	-469.4015423	-263.2315423	Varney-2018	-87.80154232
605833.41	5599869.32	27.72712503	54155.42	53713.54	53558.12	54034.21893	-476.0989282	-269.9289282	Varney-2018	-94.49892819
605836.44	5599872.37	27.86951983	54155.45	53709.8	53554.35	54034.2337	-479.8837009	-273.7137009	Varney-2018	-98.2837009
605838.27	5599872.56	28.06413106	54155.47	53705.95	53550.48	54034.23306	-483.7530628	-277.5830628	Varney-2018	-102.1530628
605839.77	5599872.83	28.21523882	54155.5	53698.42	53542.92	54034.23322	-491.3132248	-285.1432248	Varney-2018	-109.7132248
605841.88	5599871.01	28.58936299	54155.51	53683.22	53527.71	54034.22027	-506.5102732	-300.3402732	Varney-2018	-124.9102732
605842.36	5599870.91	28.65144431	54155.53	53677.7	53522.17	54034.21921	-512.0492073	-305.8792073	Varney-2018	-130.4492073
605845.25	5599869.68	29.07157185	54155.55	53670.51	53514.96	54034.20902	-519.2490217	-313.0790217	Varney-2018	-137.6490217
605847.26	5599869.38	29.32301775	54155.57	53667.69	53512.12	54034.20526	-522.0852644	-315.9152644	Varney-2018	-140.4852644
605847.72	5599869.03	29.40132616	54155.58	53666.83	53511.25	54034.20272	-522.9527163	-316.7827163	Varney-2018	-141.3527163
605848.64	5599868.77	29.5255119	54155.6	53666.36	53510.76	54034.20026	-523.4402592	-317.2702592	Varney-2018	-141.8402592
605848.91	5599867.43	29.65526237	54155.62	53670.92	53515.3	54034.19195	-518.891954	-312.721954	Varney-2018	-137.291954
605848.56	5599867.22	29.63079195	54155.64	53670.07	53514.43	54034.19104	-519.7610357	-313.5910357	Varney-2018	-138.1610357
605849.09	5599867.1	29.70018629	54155.65	53668.2	53512.55	54034.1898	-521.6397976	-315.4697976	Varney-2018	-140.0397976
605848.57	5599866.75	29.66662668	54155.66	53669.06	53513.4	54034.18821	-520.7882055	-314.6182055	Varney-2018	-139.1882055
605849.44	5599866.46	29.78743237	54155.68	53666.64	53510.96	54034.18561	-523.2256142	-317.0556142	Varney-2018	-141.6256142
605850.76	5599867.09	29.89167329	54155.71	53667.07	53511.36	54034.18811	-522.8281054	-316.6581054	Varney-2018	-141.2281054
605850.91	5599867.27	29.89549867	54155.72	53668.67	53512.95	54034.18904	-521.2390395	-315.0690395	Varney-2018	-139.6390395
605850.71	5599867.42	29.86156807	54155.74	53665.9	53510.16	54034.19014	-524.0301355	-317.8601355	Varney-2018	-142.4301355
605852.87	5599863.5	30.39844868	54155.75	53665.08	53509.33	54034.16448	-524.834479	-318.664479	Varney-2018	-143.234479
605853.01	5599861.62	30.55365558	54155.77	53663.66	53507.89	54034.15305	-526.2630486	-320.0930486	Varney-2018	-144.6630486
605853.16	5599859.74	30.71003489	54155.79	53659.08	53503.29	54034.14161	-530.8516075	-324.6816075	Varney-2018	-149.2516075
605853.72	5599859.25	30.81050171	54155.82	53657.5	53501.68	54034.13811	-532.4581108	-326.2881108	Varney-2018	-150.8581108
605854.22	5599859.5	30.84928484	54155.84	53656.34	53500.5	54034.13912	-533.639119	-327.469119	Varney-2018	-152.039119
605853.58	5599857.58	30.91814626	54155.87	53656.38	53500.51	54034.12822	-533.6182163	-327.4482163	Varney-2018	-152.0182163
605854.17	5599856.56	31.06139698	54155.9	53655.91	53500.01	54034.1215	-534.1115036	-327.9415036	Varney-2018	-152.5115036
605854.87	5599856.95	31.11281148	54155.93	53663.34	53507.41	54034.12315	-526.7131532	-320.5431532	Varney-2018	-145.1131532
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605858	5599862.26	31.07744662	54155.99	53667.76	53511.77	54034.15198	-522.3819836	-316.2119836	Varney-2018	-140.7819836
605856.44	5599860	31.0665982	54156.01	53668.97	53512.96	54034.13993	-521.1799325	-315.0099325	Varney-2018	-139.5799325
605854.98	5599858.68	30.99717525	54156.04	53669.25	53513.21	54034.13344	-520.9234407	-314.7534407	Varney-2018	-139.3234407
605855.33	5599858.73	31.03359301	54156.05	53669.61	53513.56	54034.1334	-520.5733952	-314.4033952	Varney-2018	-138.9733952
605855.36	5599858.42	31.06002061	54156.06	53668.33	53512.27	54034.1315	-521.8615024	-315.6915024	Varney-2018	-140.2615024
605855.33	5599856.59	31.19228349	54156.08	53667.45	53511.37	54034.12053	-522.7505338	-316.5805338	Varney-2018	-141.1505338
605855.1	5599855.88	31.21853253	54156.11	53669.61	53513.5	54034.11649	-520.6164949	-314.4464949	Varney-2018	-139.0164949
605854.82	5599856.64	31.13005482	54156.13	53672.75	53516.62	54034.12134	-517.5013399	-311.3313399	Varney-2018	-135.9013399
605854.86	5599856.69	31.13093816	54156.16	53674	53517.84	54034.1216	-516.2816007	-310.1116007	Varney-2018	-134.6816007
605855.02	5599857.11	31.11815897	54156.17	53678.85	53522.68	54034.12397	-511.4439661	-305.2739661	Varney-2018	-129.8439661
605854.92	5599857.49	31.0785158	54156.18	53677.38	53521.2	54034.12635	-512.9263488	-306.7563488	Varney-2018	-131.3263488
605855.14	5599857.15	31.12895997	54156.2	53678.84	53522.64	54034.12409	-511.4840876	-305.3140876	Varney-2018	-129.8840876
605855.03	5599857.02	31.12597874	54156.22	53678.71	53522.49	54034.12342	-511.6334153	-305.4634153	Varney-2018	-130.0334153
605854.71	5599857.8	31.03144973	54156.23	53678.79	53522.56	54034.12842	-511.5684196	-305.3984196	Varney-2018	-129.9684196
605854.31	5599857.58	31.00187699	54156.25	53678.04	53521.79	54034.12749	-512.3374936	-306.1674936	Varney-2018	-130.7374936
605854.36	5599858.48	30.94091695	54156.26	53676.82	53520.56	54034.13285	-513.5728519	-307.4028519	Varney-2018	-131.9728519
605854.3	5599858.78	30.91180692	54156.28	53678.34	53522.06	54034.13471	-512.0747138	-305.9047138	Varney-2018	-130.4747138

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605854.2	5599858.93	30.88922837	54156.29	53677.38	53521.09	54034.13571	-513.0457139	-306.8757139	Varney-2018	-131.4457139
605854.36	5599858.81	30.91646211	54156.3	53679.17	53522.87	54034.13483	-511.2648348	-305.0948348	Varney-2018	-129.6648348
605854.38	5599858.31	30.95580815	54156.31	53677.85	53521.54	54034.13181	-512.5918106	-306.4218106	Varney-2018	-130.9918106
605854.28	5599858.22	30.95101101	54156.32	53678.04	53521.72	54034.13137	-512.4113688	-306.2413688	Varney-2018	-130.8113688
605854.55	5599858.54	30.95825436	54156.34	53677.2	53520.86	54034.13302	-513.2730246	-307.1030246	Varney-2018	-131.6730246
605854.67	5599857.95	31.01574401	54156.37	53680.43	53524.06	54034.12936	-510.0693605	-303.8993605	Varney-2018	-128.4693605
605854.69	5599857.63	31.04175674	54156.4	53679.56	53523.16	54034.12742	-510.9674178	-304.7974178	Varney-2018	-129.3674178
605854.68	5599858.21	30.99761918	54156.43	53678.81	53522.38	54034.13091	-511.750913	-305.580913	Varney-2018	-130.150913
605855.15	5599859.32	30.96921174	54156.44	53678.68	53522.24	54034.13712	-511.8971189	-305.7271189	Varney-2018	-130.2971189
605855.83	5599859.5	31.03379557	54156.45	53678.95	53522.5	54034.13753	-511.6375291	-305.4675291	Varney-2018	-130.0375291
605855.78	5599859.63	31.0184224	54156.47	53679.21	53522.74	54034.13836	-511.3983599	-305.2283599	Varney-2018	-129.7983599
605855.76	5599859.77	31.00574582	54156.49	53677.42	53520.93	54034.13922	-513.2092211	-307.0392211	Varney-2018	-131.6092211
605855.98	5599861.94	30.86996934	54156.5	53678.58	53522.08	54034.15205	-512.0720475	-305.9020475	Varney-2018	-130.4720475
605855.82	5599861.7	30.86945551	54156.52	53677.91	53521.39	54034.15076	-512.7607624	-306.5907624	Varney-2018	-131.1607624
605855.64	5599861.43	30.86887284	54156.51	53678.66	53522.15	54034.14932	-511.9993168	-305.8293168	Varney-2018	-130.3993168
605855.46	5599861.16	30.86828527	54156.5	53679.26	53522.76	54034.14787	-511.3878714	-305.2178714	Varney-2018	-129.7878714
605854.59	5599861.23	30.76346524	54156.53	53678.18	53521.65	54034.14915	-512.4991492	-306.3291492	Varney-2018	-130.8991492
605854.65	5599861.08	30.78145421	54156.56	53678.79	53522.23	54034.14819	-511.9181888	-305.7481888	Varney-2018	-130.3181888
605854.28	5599860.51	30.78131845	54156.58	53677.1	53520.52	54034.14513	-513.6251285	-307.4551285	Varney-2018	-132.0251285
605854.12	5599859.39	30.84597483	54156.61	53682.13	53525.52	54034.13856	-508.6185569	-302.4485569	Varney-2018	-127.0185569
605853.96	5599858.27	30.91061317	54156.62	53681.59	53524.97	54034.13199	-509.1619857	-302.9919857	Varney-2018	-127.5619857
605853.8	5599857.15	30.97523346	54156.63	53680.98	53524.35	54034.12542	-509.7754151	-303.6054151	Varney-2018	-128.1754151
605852.65	5599854.85	31.01354877	54156.63	53684	53527.37	54034.11274	-506.7427396	-300.5727396	Varney-2018	-125.1427396
605853.63	5599855.73	31.06090856	54156.63	53680.43	53523.8	54034.11705	-510.3170525	-304.1470525	Varney-2018	-128.7170525
605854.72	5599856.53	31.12673373	54156.63	53681.85	53525.22	54034.12078	-508.900778	-302.730778	Varney-2018	-127.300778
605854.64	5599856.6	31.11236516	54156.63	53679.56	53522.93	54034.12128	-511.191278	-305.021278	Varney-2018	-129.591278
605855.08	5599856.51	31.16952747	54156.66	53680.42	53523.76	54034.1203	-510.3603009	-304.1903009	Varney-2018	-128.7603009
605854.62	5599856.88	31.08931695	54156.69	53674.41	53517.72	54034.12298	-516.4029803	-310.2329803	Varney-2018	-134.8029803
605854.15	5599857.24	31.00871735	54156.71	53672.65	53515.94	54034.12561	-518.1856091	-312.0156091	Varney-2018	-136.5856091
605853.68	5599857.61	30.92739409	54156.73	53679.37	53522.64	54034.1283	-511.4882976	-305.3182976	Varney-2018	-129.8882976
605854.09	5599857.45	30.98627503	54156.74	53674.73	53517.99	54034.12693	-516.1369303	-309.9669303	Varney-2018	-134.5369303
605854.12	5599857.06	31.01861268	54156.75	53670.76	53514.01	54034.12456	-520.1145573	-313.9445573	Varney-2018	-138.5145573
605853.9	5599857.05	30.99411383	54156.75	53678.4	53521.65	54034.12472	-512.4747152	-306.3047152	Varney-2018	-130.8747152
605853.67	5599857.05	30.96772677	54156.76	53679.86	53523.1	54034.12494	-511.0249431	-304.8549431	Varney-2018	-129.4249431
605855.63	5599859.05	31.04425128	54156.78	53675.54	53518.76	54034.13502	-515.3750219	-309.2050219	Varney-2018	-133.7750219
605855.65	5599859.23	31.03319309	54156.81	53678.51	53521.7	54034.13608	-512.4360841	-306.2660841	Varney-2018	-130.8360841
605855.66	5599859.42	31.02024676	54156.83	53680.53	53523.7	54034.13722	-510.4372162	-304.2672162	Varney-2018	-128.8372162
605855.68	5599859.6	31.00918793	54156.85	53680.33	53523.48	54034.13828	-510.6582783	-304.4882783	Varney-2018	-129.0582783
605855.69	5599859.79	30.99624112	54156.85	53676.47	53519.62	54034.13941	-514.5194104	-308.3494104	Varney-2018	-132.9194104
605855.7	5599859.97	30.98403585	54156.85	53679.93	53523.08	54034.14048	-511.0604824	-304.8904824	Varney-2018	-129.4604824
605854.97	5599856.49	31.15838731	54156.85	53677.5	53520.65	54034.12029	-513.4702898	-307.3002898	Varney-2018	-131.8702898
605855.07	5599856.8	31.14687895	54156.84	53676.71	53519.87	54034.12205	-514.2520536	-308.0820536	Varney-2018	-132.6520536
605855.17	5599857.12	31.134626	54156.85	53677.91	53521.06	54034.12388	-513.0638776	-306.8938776	Varney-2018	-131.4638776
605855.13	5599862.42	30.73707199	54156.86	53676.13	53519.27	54034.15577	-514.8857688	-308.7157688	Varney-2018	-133.2857688
605854.42	5599862.76	30.63061138	54156.87	53667.89	53511.02	54034.15851	-523.1385101	-316.9685101	Varney-2018	-141.5385101
605853.09	5599863.21	30.44508909	54156.88	53668.71	53511.83	54034.16252	-522.3325209	-316.1625209	Varney-2018	-140.7325209
605851.77	5599863.66	30.260771	54156.89	53667.38	53510.49	54034.16652	-523.6765203	-317.5065203	Varney-2018	-142.0765203
605850.45	5599864.11	30.07651274	54156.91	53666.63	53509.72	54034.17052	-524.450518	-318.280518	Varney-2018	-142.850518
605854.59	5599861.08	30.77458281	54156.93	53666	53509.07	54034.14825	-525.0782479	-318.9082479	Varney-2018	-143.4782479
605854.75	5599861.22	30.78252902	54156.95	53665.85	53508.9	54034.14893	-525.2489315	-319.0789315	Varney-2018	-143.6489315
605854.16	5599858.26	30.9342871	54156.97	53666.06	53509.09	54034.13173	-525.0417278	-318.8717278	Varney-2018	-143.4417278
605853.3	5599858.09	30.84826375	54156.99	53665.86	53508.87	54034.13156	-525.2615573	-319.0915573	Varney-2018	-143.6615573
605852.66	5599858.5	30.74452423	54157	53665.74	53508.74	54034.13465	-525.3946531	-319.2246531	Varney-2018	-143.7946531
605852.4	5599858.65	30.70361335	54157.02	53665.8	53508.78	54034.13581	-525.3558112	-319.1858112	Varney-2018	-143.7558112
605852.19	5599858.87	30.66325855	54157.03	53665.8	53508.77	54034.13734	-525.3673401	-319.1973401	Varney-2018	-143.7673401
605851.89	5599859.77	30.56228508	54157.05	53665.78	53508.73	54034.14304	-525.4130414	-319.2430414	Varney-2018	-143.8130414
605851.76	5599860.84	30.46823558	54157.07	53666.01	53508.94	54034.1496	-525.2095953	-319.0395953	Varney-2018	-143.6095953
605851.8	5599862.09	30.38034617	54157.09	53665.29	53508.2	54034.15706	-525.9570625	-319.7870625	Varney-2018	-144.3570625
605851.49	5599861.84	30.36334996	54157.09	53665.59	53508.5	54034.15587	-525.6558664	-319.4858664	Varney-2018	-144.0558664
605851.23	5599861.72	30.34245759	54157.1	53664.82	53507.72	54034.1554	-526.4354018	-320.2654018	Varney-2018	-144.8354018
605850.97	5599861.64	30.31860468	54157.11	53665.95	53508.84	54034.15518	-525.3151774	-319.1451774	Varney-2018	-143.7151774
605851.08	5599861.62	30.33267795	54157.12	53666.27	53509.15	54034.15495	-525.004949	-318.834949	Varney-2018	-143.404949
605851.57	5599861.41	30.40431375	54157.12	53665.76	53508.64	54034.15321	-525.5132055	-319.3432055	Varney-2018	-143.9132055
605852.11	5599861.05	30.49278462	54157.12	53673.25	53516.13	54034.15051	-518.0205115	-311.8505115	Varney-2018	-136.4205115

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605852.1	5599860.41	30.5389941	54157.12	53670.72	53513.6	54034.14668	-520.5466778	-314.3766778	Varney-2018	-138.9466778
605852.13	5599860.22	30.55648954	54157.11	53671.56	53514.45	54034.14551	-519.6955071	-313.5255071	Varney-2018	-138.0955071
605852.42	5599860.11	30.59785474	54157.12	53674.94	53517.82	54034.14456	-516.3245603	-310.1545603	Varney-2018	-134.7245603
605852.71	5599859.89	30.64736564	54157.14	53674.5	53517.36	54034.14295	-516.7829527	-310.6129527	Varney-2018	-135.1829527
605852.57	5599858.72	30.71792204	54157.15	53674.97	53517.82	54034.13606	-516.3160635	-310.1460635	Varney-2018	-134.7160635
605852.66	5599857.95	30.78523522	54157.16	53674.95	53517.79	54034.13135	-516.3413496	-310.1713496	Varney-2018	-134.7413496
605852.6	5599858.16	30.7628108	54157.17	53673.56	53516.39	54034.13267	-517.7426703	-311.5726703	Varney-2018	-136.1426703
605852.67	5599857.9	30.79008305	54157.18	53673.62	53516.44	54034.13104	-517.6910394	-311.5210394	Varney-2018	-136.0910394
605852.79	5599857.51	30.83271542	54157.19	53674.97	53517.78	54034.12858	-516.3485781	-310.1785781	Varney-2018	-134.7485781
605853.04	5599857.65	30.85102573	54157.21	53674.76	53517.55	54034.12917	-516.5791715	-310.4091715	Varney-2018	-134.9791715
605853.14	5599857.43	30.87878505	54157.22	53676.19	53518.97	54034.12775	-515.1577509	-308.9877509	Varney-2018	-133.5577509
605853.04	5599856.99	30.89989154	54157.23	53676.13	53518.9	54034.12521	-515.2252069	-309.0552069	Varney-2018	-133.6252069
605852.99	5599858.17	30.8067919	54157.25	53675.77	53518.52	54034.13234	-515.6123446	-309.4423446	Varney-2018	-134.0123446
605852.99	5599859.62	30.69943884	54157.27	53675.31	53518.04	54034.14105	-516.1010545	-309.9310545	Varney-2018	-134.5010545
605852.99	5599859.55	30.7046214	54157.28	53675.95	53518.67	54034.14063	-515.470634	-309.300634	Varney-2018	-133.870634
605853.16	5599859.46	30.73076754	54157.29	53676.43	53519.14	54034.13993	-514.9999255	-308.8299255	Varney-2018	-133.3999255
605853.41	5599859.22	30.77719263	54157.29	53676.39	53519.1	54034.13824	-515.0382368	-308.8682368	Varney-2018	-133.4382368
605853.49	5599858.93	30.80783991	54157.3	53679.74	53522.44	54034.13642	-511.6964156	-305.5264156	Varney-2018	-130.0964156
605853.7	5599859.45	30.79339493	54157.31	53678.21	53520.9	54034.13933	-513.2393322	-307.0693322	Varney-2018	-131.6393322
605854.08	5599860.17	30.78359914	54157.32	53677.21	53519.89	54034.14328	-514.2532829	-308.0832829	Varney-2018	-132.6532829
605854.25	5599860.25	30.7971479	54157.33	53675.9	53518.57	54034.1436	-515.5735958	-309.4035958	Varney-2018	-133.9735958
605854.43	5599860	30.83629691	54157.35	53677.45	53520.1	54034.14192	-514.041916	-307.871916	Varney-2018	-132.441916
605854.86	5599859.55	30.91892418	54157.37	53680.71	53523.34	54034.13879	-510.7987875	-304.6287875	Varney-2018	-129.1987875
605854.94	5599859.42	30.93772974	54157.39	53682.08	53524.69	54034.13793	-509.4479273	-303.2779273	Varney-2018	-127.8479273
605854.66	5599859.53	30.89748651	54157.41	53681.71	53524.3	54034.13886	-509.8388648	-303.6688648	Varney-2018	-128.2388648
605854.72	5599859.2	30.92882342	54157.43	53682.23	53524.8	54034.13682	-509.3368225	-303.1668225	Varney-2018	-127.7368225
605854.77	5599858.95	30.95308588	54157.45	53683.06	53525.61	54034.13527	-508.5252708	-302.3552708	Varney-2018	-126.9252708
605854.64	5599860.17	30.84775789	54157.48	53681.78	53524.3	54034.14273	-509.8427304	-303.6727304	Varney-2018	-128.2427304
605854.94	5599860.44	30.86211226	54157.5	53682.78	53525.28	54034.14406	-508.8640569	-302.6940569	Varney-2018	-127.2640569
605854.82	5599860.02	30.87949966	54157.52	53685.13	53527.61	54034.14165	-506.5316514	-300.3616514	Varney-2018	-124.9316514
605855.01	5599859.87	30.91238999	54157.54	53684.62	53527.08	54034.14056	-507.0605624	-300.8905624	Varney-2018	-125.4605624
605854.82	5599858.91	30.96178257	54157.56	53685.16	53527.6	54034.13498	-506.534981	-300.364981	Varney-2018	-124.934981
605856.03	5599858.34	31.14277619	54157.59	53688.88	53531.29	54034.13036	-502.8403589	-296.6703589	Varney-2018	-121.2403589
605857.76	5599858.07	31.36119506	54157.62	53691.36	53533.74	54034.12702	-500.3870243	-294.2170243	Varney-2018	-118.7870243
605858.81	5599857.55	31.52025519	54157.62	53689.1	53531.48	54034.12286	-502.6428577	-296.4728577	Varney-2018	-121.0428577
605859.97	5599857.01	31.69347807	54157.62	53690.4	53532.78	54034.11846	-501.3384604	-295.1684604	Varney-2018	-119.7384604
605861.36	5599856.37	31.90060363	54157.62	53693.26	53535.64	54034.11323	-498.4732316	-292.3032316	Varney-2018	-116.8732316
605861.47	5599857.1	31.85886884	54157.61	53699.63	53542.02	54034.11752	-492.0975158	-285.9275158	Varney-2018	-110.4975158
605862.57	5599855.21	32.12590596	54157.61	53703.25	53545.64	54034.10505	-488.4650488	-282.2950488	Varney-2018	-106.8650488
605863.57	5599855.35	32.23028522	54157.61	53708.37	53550.76	54034.1049	-483.3448985	-277.1748985	Varney-2018	-101.7448985
605864.66	5599854.57	32.41363715	54157.61	53710.49	53552.88	54034.09912	-481.2191185	-275.0491185	Varney-2018	-99.61911849
605865.76	5599853.78	32.5989704	54157.61	53721.01	53563.4	54034.09327	-470.6932661	-264.5232661	Varney-2018	-89.09326605
605866.53	5599855.35	32.57012851	54157.61	53738.61	53581	54034.10196	-453.1019589	-246.9319589	Varney-2018	-71.50195894
605866.41	5599851.61	32.83577544	54157.61	53745.79	53588.18	54034.07955	-445.8995454	-239.7295454	Varney-2018	-64.29954537
605867.78	5599851.67	32.98883891	54157.63	53743.45	53585.82	54034.07854	-448.2585396	-242.0885396	Varney-2018	-66.6585396
605869.13	5599852.31	33.09618159	54157.65	53741.93	53584.28	54034.08105	-449.8010505	-243.6310505	Varney-2018	-68.2010505
605870.47	5599852.94	33.20303709	54157.66	53745.35	53587.69	54034.08351	-446.3935134	-240.2235134	Varney-2018	-64.79351336
605871.81	5599853.57	33.30980756	54157.68	53739.24	53581.56	54034.08598	-452.5259785	-246.3559785	Varney-2018	-70.92597847
605872.42	5599845.94	33.95226231	54157.69	53730.83	53573.14	54034.03934	-460.8993408	-254.7293408	Varney-2018	-79.29934076
605871.4	5599844.55	33.93887032	54157.7	53725.34	53567.64	54034.03198	-466.3919828	-260.2219828	Varney-2018	-84.79198279
605871.03	5599843.01	34.01160405	54157.7	53718.05	53560.35	54034.02307	-473.6730679	-267.5030679	Varney-2018	-92.07306786
605870.65	5599842.25	34.02468307	54157.71	53707.17	53549.46	54034.01887	-484.5588683	-278.3888683	Varney-2018	-102.9588683
605870.28	5599841.49	34.03888811	54157.72	53696.44	53538.72	54034.01466	-495.2946595	-289.1246595	Varney-2018	-113.6946595
605869.91	5599840.74	34.05231594	54157.74	53685.74	53528	54034.01051	-506.0105116	-299.8405116	Varney-2018	-124.4105116
605869.54	5599839.98	34.06646452	54157.74	53663.55	53505.81	54034.0063	-528.1963043	-322.0263043	Varney-2018	-146.5963043
605869.44	5599839.79	34.06913027	54157.75	53657.22	53499.47	54034.00526	-534.5352601	-328.3652601	Varney-2018	-152.9352601
605869.44	5599839.79	34.06913027	54157.75	53652.85	53495.1	54034.00526	-538.9052601	-332.7352601	Varney-2018	-157.3052601
605869.44	5599839.79	34.06913027	54157.76	53646.7	53488.94	54034.00526	-545.0652601	-338.8952601	Varney-2018	-163.4652601
605869.44	5599839.79	34.06913027	54157.76	53637.13	53479.37	54034.00526	-554.6352601	-348.4652601	Varney-2018	-173.0352601
605869.44	5599839.79	34.06913027	54157.76	53631.05	53473.29	54034.00526	-560.7152601	-354.5452601	Varney-2018	-179.1152601
605869.44	5599839.79	34.06913027	54157.77	53631.15	53473.38	54034.00526	-560.6252601	-354.4552601	Varney-2018	-179.0252601
605874.72	5599825.1	35.86291594	54157.78	53621.81	53464.03	54033.90912	-569.8791229	-363.7091229	Varney-2018	-188.2791229
605884.53	5599829.19	36.61508993	54157.78	53617.47	53459.69	54033.92584	-574.2358412	-368.0658412	Varney-2018	-192.6358412
605884.36	5599820.89	37.58781036	54157.79	53618.44	53460.65	54033.86613	-573.2161311	-367.0461311	Varney-2018	-191.6161311

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605883.42	5599828.33	36.55117575	54157.79	53610.48	53452.69	54033.92178	-581.2317814	-375.0617814	Varney-2018	-199.6317814
605883.42	5599828.33	36.55117575	54157.78	53602.15	53444.37	54033.92178	-589.5517814	-383.3817814	Varney-2018	-207.9517814
605885.83	5599821.78	37.62302849	54157.78	53609.64	53451.86	54033.87181	-582.0118126	-375.8418126	Varney-2018	-200.4118126
605884.61	5599823.91	37.17650945	54157.77	53615.34	53457.57	54033.88977	-576.3197653	-370.1497653	Varney-2018	-194.7197653
605884.65	5599823.49	37.24213051	54157.77	53619.56	53461.79	54033.88641	-572.0964085	-365.9264085	Varney-2018	-190.4964085
605884.67	5599822.61	37.37231136	54157.76	53619.66	53461.9	54033.87944	-571.9794383	-365.8094383	Varney-2018	-190.3794383
605885.16	5599822.28	37.47545831	54157.76	53619.41	53461.65	54033.87637	-572.2263736	-366.0563736	Varney-2018	-190.6263736
605885.23	5599820.96	37.67448972	54157.75	53619.49	53461.74	54033.8659	-572.1259005	-365.9559005	Varney-2018	-190.5259005
605885.04	5599819.45	37.87227063	54157.75	53616.47	53458.72	54033.85416	-575.1341587	-368.9641587	Varney-2018	-193.5341587
605884.66	5599817.47	38.11831441	54157.74	53601.02	53443.28	54033.83885	-590.5588464	-384.3888464	Varney-2018	-208.9588464
605884.59	5599816.87	38.19800869	54157.75	53595.15	53437.4	54033.83416	-596.4341627	-390.2641627	Varney-2018	-214.8341627
605884.37	5599816.93	38.1656375	54157.76	53619.92	53462.16	54033.83481	-571.6748125	-365.5048125	Varney-2018	-190.0748125
605882.6	5599816.55	38.03138358	54157.76	53637.94	53480.18	54033.8332	-553.6532043	-347.4832043	Varney-2018	-172.0532043
605885.99	5599815.32	38.57172443	54157.75	53646.38	53488.63	54033.82086	-545.1908558	-339.0208558	Varney-2018	-163.5908558
605887.53	5599813.64	38.97443402	54157.75	53650.2	53492.45	54033.80654	-541.3565415	-335.1865415	Varney-2018	-159.7565415
605887.75	5599811.74	39.26792546	54157.74	53661.94	53504.2	54033.79153	-529.5915255	-323.4215255	Varney-2018	-147.9915255
605888.93	5599812.3	39.30976906	54157.74	53663.21	53505.47	54033.7951	-528.3251018	-322.1551018	Varney-2018	-146.7251018
605891.37	5599811.86	39.62229792	54157.74	53658.7	53500.96	54033.79004	-532.8300406	-326.6600406	Varney-2018	-151.2300406
605890.85	5599811.5	39.61912799	54157.73	53657.02	53499.29	54033.7876	-534.4976018	-328.3276018	Varney-2018	-152.8976018
605890.21	5599808.67	39.9499559	54157.72	53648.28	53490.56	54033.76607	-543.20607	-337.03607	Varney-2018	-161.60607
605891.38	5599808.51	40.08865452	54157.72	53636.53	53478.81	54033.76415	-554.9541454	-348.7841454	Varney-2018	-173.3541454
605892.1	5599809.06	40.08420281	54157.73	53622.9	53465.17	54033.76797	-568.5979651	-362.4279651	Varney-2018	-186.9979651
605893.19	5599808.08	40.32754431	54157.74	53615.1	53457.36	54033.75978	-576.399785	-370.229785	Varney-2018	-194.799785
605893.41	5599807.08	40.48627637	54157.75	53593.9	53436.15	54033.75198	-597.6019827	-391.4319827	Varney-2018	-216.0019827
605894.19	5599806.19	40.6839589	54157.76	53577.83	53420.07	54033.74474	-613.6747413	-407.5047413	Varney-2018	-232.0747413
605895.04	5599805.32	40.88434265	54157.77	53586.14	53428.37	54033.73765	-605.3676529	-399.1976529	Varney-2018	-223.7676529
605896.06	5599803.57	41.21782317	54157.79	53589.85	53432.06	54033.72382	-601.6638248	-395.4938248	Varney-2018	-220.0638248
605895.64	5599801.87	41.40725337	54157.81	53583.22	53425.41	54033.71106	-608.3010642	-402.1310642	Varney-2018	-226.7010642
605894.52	5599800.92	41.43216454	54157.82	53585.57	53427.75	54033.70426	-605.9542635	-399.7842635	Varney-2018	-224.3542635
605895.38	5599801.67	41.41008058	54157.84	53594.01	53436.17	54033.70965	-597.5396469	-391.3696469	Varney-2018	-215.9396469
605896.24	5599802.43	41.38789278	54157.85	53605.52	53447.67	54033.71507	-586.0450736	-379.8750736	Varney-2018	-204.4450736
605897.98	5599800.58	41.79593666	54157.86	53616.48	53458.62	54033.70034	-575.0803411	-368.9103411	Varney-2018	-193.4803411
605898.1	5599795.8	42.44007472	54157.86	53632.86	53475	54033.66417	-558.664174	-352.494174	Varney-2018	-177.064174
605898.98	5599794.5	42.68789549	54157.87	53661.76	53503.89	54033.65415	-529.7641502	-323.5941502	Varney-2018	-148.1641502
605898.72	5599791.6	43.04793629	54157.89	53689.76	53531.87	54033.63234	-501.7623406	-295.5923406	Varney-2018	-120.1623406
605898.18	5599789.9	43.22806821	54157.92	53729.16	53571.24	54033.61958	-462.3795804	-256.2095804	Varney-2018	-80.77958036
605897.94	5599790.41	43.14087196	54157.93	53743.87	53585.94	54033.62346	-447.6834628	-241.5134628	Varney-2018	-66.0834628
605898.13	5599790.51	43.14321315	54157.95	53749.71	53591.76	54033.6242	-441.864195	-235.694195	Varney-2018	-60.26419502
605899.09	5599789.42	43.36538089	54157.96	53751.81	53593.85	54033.61587	-439.7658651	-233.5958651	Varney-2018	-58.16586507
605898.39	5599787.75	43.52936412	54157.97	53754.94	53596.97	54033.60333	-436.6333261	-230.4633261	Varney-2018	-55.03332612
605897.29	5599786.26	43.64046593	54157.99	53743.72	53585.73	54033.5921	-447.8620966	-241.6920966	Varney-2018	-66.26209663
605899.23	5599785.7	43.86541877	54158.01	53733.01	53575	54033.58785	-458.5878473	-252.4178473	Varney-2018	-76.98784733
605901.77	5599785.52	44.0854679	54158.01	53730.41	53572.4	54033.5865	-461.1864961	-255.0164961	Varney-2018	-79.58649613
605904.34	5599785.22	44.32212906	54158.02	53725.47	53567.45	54033.58428	-466.1342807	-259.9642807	Varney-2018	-84.53428065
605906.91	5599784.93	44.55606979	54158.04	53717.49	53559.45	54033.58218	-474.1321778	-267.9621778	Varney-2018	-92.53217777
605909.48	5599784.63	44.78979467	54158.07	53704.19	53546.12	54033.58004	-487.4600402	-281.2900402	Varney-2018	-105.8600402
605912.05	5599784.34	44.96292327	54158.07	53688.49	53530.42	54033.57955	-503.1595507	-296.9895507	Varney-2018	-121.5595507
605912.69	5599784.27	45.00427597	54158.07	53686.28	53528.21	54033.57948	-505.3694845	-299.1994845	Varney-2018	-123.7694845
605912.69	5599784.27	45.00427597	54158.08	53683.56	53525.48	54033.57948	-508.0994845	-301.9294845	Varney-2018	-126.4994845
605912.69	5599784.27	45.00427597	54158.09	53686.16	53528.07	54033.57948	-505.5094845	-299.3394845	Varney-2018	-123.9094845
605912.69	5599784.27	45.00427597	54158.12	53691.47	53533.35	54033.57948	-500.2294845	-294.0594845	Varney-2018	-118.6294845
605912.69	5599784.27	45.00427597	54158.15	53700.38	53542.23	54033.57948	-491.3494845	-285.1794845	Varney-2018	-109.7494845
605912.69	5599784.27	45.00427597	54158.15	53689.73	53531.58	54033.57948	-501.9994845	-295.8294845	Varney-2018	-120.3994845
605912.69	5599784.27	45.00427597	54158.15	53682.83	53524.68	54033.57948	-508.8994845	-302.7294845	Varney-2018	-127.2994845
605912.69	5599784.27	45.00427597	54158.17	53677.23	53519.06	54033.57948	-514.5194845	-308.3494845	Varney-2018	-132.9194845
605912.69	5599784.27	45.00427597	54158.2	53676.42	53518.22	54033.57948	-515.3594845	-309.1894845	Varney-2018	-133.7594845
605919.83	5599768.28	47.21408181	54158.23	53676.04	53517.81	54033.47087	-515.6608723	-309.4908723	Varney-2018	-134.0608723
605918.76	5599767.51	47.25850436	54158.26	53675.42	53517.16	54033.46438	-516.3043842	-310.1343842	Varney-2018	-134.7043842
605919.33	5599767.04	47.33638205	54158.28	53671.93	53513.65	54033.46159	-519.8115882	-313.6415882	Varney-2018	-138.2115882
605919.9	5599766.57	47.41393644	54158.31	53662.9	53504.59	54033.4588	-528.8688007	-322.6988007	Varney-2018	-147.2688007
605920.46	5599766.1	47.49076217	54158.32	53658.96	53500.64	54033.45601	-532.8160121	-326.6460121	Varney-2018	-151.2160121
605921.03	5599765.63	47.56767278	54158.33	53662.7	53504.37	54033.45324	-529.0832417	-322.9132417	Varney-2018	-147.4832417
605917.05	5599765.51	47.42149411	54158.34	53662.35	53504.01	54033.44846	-529.438464	-323.268464	Varney-2018	-147.838464
605918.53	5599766.46	47.37077229	54158.36	53658.56	53500.2	54033.45669	-533.2566887	-327.0866887	Varney-2018	-151.6566887

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605920.01	5599767.4	47.32289818	54158.38	53655.85	53497.47	54033.4648	-535.9947973	-329.8247973	Varney-2018	-154.3947973
605921.48	5599768.34	47.27628411	54158.4	53652.02	53493.62	54033.47285	-539.852852	-333.682852	Varney-2018	-158.252852
605922.96	5599769.28	47.23176216	54158.42	53652.62	53494.2	54033.48087	-539.2808717	-333.1108717	Varney-2018	-157.6808717
605924.44	5599770.22	47.18891912	54158.45	53654.36	53495.91	54033.48885	-537.5788468	-331.4088468	Varney-2018	-155.9788468
605924.44	5599770.22	47.18891912	54158.46	53658.18	53499.72	54033.48885	-533.7688468	-327.5988468	Varney-2018	-152.1688468
605924.44	5599770.22	47.18891912	54158.47	53659.99	53501.52	54033.48885	-531.9688468	-325.7988468	Varney-2018	-150.3688468
605924.44	5599770.22	47.18891912	54158.5	53646.77	53488.27	54033.48885	-545.2188468	-339.0488468	Varney-2018	-163.6188468
605924.44	5599770.22	47.18891912	54158.53	53649.72	53491.19	54033.48885	-542.2988468	-336.1288468	Varney-2018	-160.6988468
605924.44	5599770.22	47.18891912	54158.53	53653.15	53494.62	54033.48885	-538.8688468	-332.6988468	Varney-2018	-157.2688468
605924.44	5599770.22	47.18891912	54158.54	53651.01	53492.47	54033.48885	-541.0188468	-334.8488468	Varney-2018	-159.4188468
605924.44	5599770.22	47.18891912	54158.56	53650.91	53492.35	54033.48885	-541.1388468	-334.9688468	Varney-2018	-159.5388468
605924.44	5599770.22	47.18891912	54158.58	53654.25	53495.67	54033.48885	-537.8188468	-331.6488468	Varney-2018	-156.2188468
605926.98	5599760.04	48.4270423	54158.59	53656.17	53497.58	54033.42006	-535.8400584	-329.6700584	Varney-2018	-154.2400584
605926.09	5599761.03	48.2839082	54158.61	53649.81	53491.2	54033.42603	-542.226031	-336.056031	Varney-2018	-160.626031
605928.1	5599763.54	48.08260189	54158.63	53665.13	53506.5	54033.44565	-526.9456454	-320.7756454	Varney-2018	-145.3456454
605929.01	5599762.31	48.25297042	54158.65	53666.1	53507.45	54033.43802	-525.9880211	-319.8180211	Varney-2018	-144.3880211
605929.81	5599758.52	48.69736605	54158.66	53659.24	53500.58	54033.41255	-532.8325515	-326.6625515	Varney-2018	-151.2325515
605930.76	5599756.2	48.98350035	54158.68	53683.15	53524.47	54033.39753	-508.9275314	-302.7575314	Varney-2018	-127.3275314
605932.33	5599759.4	48.69324938	54158.69	53716.08	53557.39	54033.42139	-476.0313917	-269.8613917	Varney-2018	-94.43139171
605933.55	5599758.13	48.87356496	54158.7	53720.11	53561.41	54033.41398	-472.0039782	-265.8339782	Varney-2018	-90.40397818
605933.85	5599756.59	49.04866777	54158.72	53721.99	53563.27	54033.40372	-470.1337227	-263.9637227	Varney-2018	-88.53372271
605934.21	5599756.97	49.02071497	54158.75	53721.28	53562.53	54033.40674	-470.8767396	-264.7067396	Varney-2018	-89.2767396
605935.16	5599756.52	49.10166929	54158.77	53732.41	53573.64	54033.40472	-459.7647229	-253.5947229	Varney-2018	-78.16472291
605935.06	5599755.7	49.18512461	54158.79	53734.83	53576.04	54033.39899	-457.3589885	-251.1889885	Varney-2018	-75.75898847
605935.33	5599755.65	49.19966747	54158.8	53725.73	53566.93	54033.39895	-466.4689548	-260.2989548	Varney-2018	-84.8689548
605936.01	5599756.09	49.17655053	54158.82	53739.3	53580.48	54033.40274	-452.9227429	-246.7527429	Varney-2018	-71.32274289
605936.23	5599757.91	48.99248042	54158.83	53758.19	53599.36	54033.41544	-434.0554358	-227.8854358	Varney-2018	-52.45543576
605938.81	5599756.16	49.26587643	54158.85	53772.94	53614.09	54033.4064	-419.3164042	-213.1464042	Varney-2018	-37.71640423
605939.48	5599755.14	49.39443007	54158.85	53765.82	53606.97	54033.40025	-426.4302455	-220.2602455	Varney-2018	-44.83024553
605939.99	5599753.6	49.57040983	54158.86	53762.11	53603.25	54033.3904	-430.1403979	-223.9703979	Varney-2018	-48.54039791
605942.66	5599752.39	49.7812293	54158.87	53764.74	53605.87	54033.38539	-427.5153944	-221.3453944	Varney-2018	-45.91539439
605943.82	5599752.49	49.80858196	54158.89	53768.38	53609.49	54033.38745	-423.8974544	-217.7274544	Varney-2018	-42.29745438
605944.99	5599752.58	49.83739866	54158.9	53777.52	53618.62	54033.38946	-414.7694556	-208.5994556	Varney-2018	-33.16945562
605946.15	5599752.68	49.8650249	54158.92	53783.55	53624.63	54033.39151	-408.7615084	-202.5915084	Varney-2018	-27.16150835
605945.13	5599750.89	50.01082502	54158.94	53783.33	53624.39	54033.37831	-408.9883098	-202.8183098	Varney-2018	-27.38830975
605944.73	5599749.29	50.16248343	54158.96	53769.75	53610.79	54033.367	-422.5769967	-216.4069967	Varney-2018	-40.97699665
605944.33	5599747.7	50.31624223	54158.97	53756.05	53597.08	54033.35567	-436.2756683	-230.1056683	Varney-2018	-54.67566825
605943.92	5599746.11	50.46970357	54158.99	53743.38	53584.39	54033.34433	-448.9543272	-242.7843272	Varney-2018	-67.35432721
605945.15	5599744.92	50.63204525	54159.01	53748.11	53589.1	54033.33773	-444.2377345	-238.0677345	Varney-2018	-62.63773446
605941.83	5599740.64	50.97677415	54159.04	53745.88	53586.84	54033.30447	-446.46447	-240.29447	Varney-2018	-64.86447002
605941.97	5599739.84	51.06469955	54159.04	53746.98	53587.94	54033.29919	-445.3591905	-239.1891905	Varney-2018	-63.75919054
605944.1	5599740.26	51.0865198	54159.04	53735.54	53576.5	54033.30468	-456.8046823	-250.6346823	Varney-2018	-75.20468233
605945.37	5599738.72	51.28659429	54159.05	53735.13	53576.08	54033.29576	-457.2157557	-251.0457557	Varney-2018	-75.61575567
605945.99	5599736.68	51.51883332	54159.06	53729.52	53570.46	54033.28262	-462.8226199	-256.6526199	Varney-2018	-81.22261989
605947.28	5599734.35	51.80197844	54159.07	53731.88	53572.81	54033.26834	-460.4583366	-254.2883366	Varney-2018	-78.85833661
605948.28	5599735.12	51.75234965	54159.08	53726.95	53567.87	54033.27482	-465.4048191	-259.2348191	Varney-2018	-83.80481912
605949.35	5599734.74	51.82499763	54159.08	53717.91	53558.83	54033.27355	-474.4435521	-268.2735521	Varney-2018	-92.84355212
605949.5	5599734.17	51.88914778	54159.08	53718.31	53559.23	54033.26985	-474.0398538	-267.8698538	Varney-2018	-92.43985377
605948.72	5599734.04	51.87870497	54159.08	53712.71	53553.63	54033.268	-479.638004	-273.468004	Varney-2018	-98.03800398
605949.07	5599733.74	51.92081584	54159.07	53707.32	53548.25	54033.26639	-485.0163925	-278.8463925	Varney-2018	-103.4163925
605949.42	5599733.44	51.96292481	54159.1	53703.56	53544.46	54033.26478	-488.804781	-282.634781	Varney-2018	-107.204781
605949.78	5599733.14	52.00533973	54159.13	53701.38	53542.25	54033.26318	-491.0131819	-284.8431819	Varney-2018	-109.4131819
605950.13	5599732.84	52.04744484	54159.13	53703.03	53543.9	54033.26157	-489.3615706	-283.1915706	Varney-2018	-107.7615706
605950.48	5599732.54	52.08954804	54159.13	53704.46	53545.33	54033.25996	-487.9299593	-281.7599593	Varney-2018	-106.3299593
605950.48	5599732.54	52.08954804	54159.13	53702.1	53542.97	54033.25996	-490.2899593	-284.1199593	Varney-2018	-108.6899593
605950.48	5599732.54	52.08954804	54159.14	53702.29	53543.15	54033.25996	-490.1099593	-283.9399593	Varney-2018	-108.5099593
605950.48	5599732.54	52.08954804	54159.15	53703.58	53544.43	54033.25996	-488.8299593	-282.6599593	Varney-2018	-107.2299593
605950.48	5599732.54	52.08954804	54159.16	53705.22	53546.06	54033.25996	-487.1999593	-281.0299593	Varney-2018	-105.5999593
605950.48	5599732.54	52.08954804	54159.16	53701.71	53542.55	54033.25996	-490.7099593	-284.5399593	Varney-2018	-109.1099593
605950.48	5599732.54	52.08954804	54159.15	53706.93	53547.78	54033.25996	-485.4799593	-279.3099593	Varney-2018	-103.8799593
605950.48	5599732.54	52.08954804	54159.15	53698.48	53539.33	54033.25996	-493.9299593	-287.7599593	Varney-2018	-112.3299593
605950.48	5599732.54	52.08954804	54159.16	53700.78	53541.62	54033.25996	-491.6399593	-285.4699593	Varney-2018	-110.0399593
605950.48	5599732.54	52.08954804	54159.16	53689.38	53530.22	54033.25996	-503.0399593	-296.8699593	Varney-2018	-121.4399593
605950.48	5599732.54	52.08954804	54159.17	53680.95	53521.78	54033.25996	-511.4799593	-305.3099593	Varney-2018	-129.8799593

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605950.48	5599732.54	52.08954804	54159.18	53679.46	53520.28	54033.25996	-512.9799593	-306.8099593	Varney-2018	-131.3799593
605950.48	5599732.54	52.08954804	54159.2	53682.09	53522.89	54033.25996	-510.3699593	-304.1999593	Varney-2018	-128.7699593
605950.48	5599732.54	52.08954804	54159.2	53679.72	53520.52	54033.25996	-512.7399593	-306.5699593	Varney-2018	-131.1399593
605950.48	5599732.54	52.08954804	54159.2	53678.92	53519.72	54033.25996	-513.5399593	-307.3699593	Varney-2018	-131.9399593
605950.48	5599732.54	52.08954804	54159.21	53669	53509.79	54033.25996	-523.4699593	-317.2999593	Varney-2018	-141.8699593
605950.48	5599732.54	52.08954804	54159.22	53664.57	53505.35	54033.25996	-527.9099593	-321.7399593	Varney-2018	-146.3099593
605950.48	5599732.54	52.08954804	54159.22	53664.14	53504.92	54033.25996	-528.3399593	-322.1699593	Varney-2018	-146.7399593
605950.48	5599732.54	52.08954804	54159.21	53663.27	53504.06	54033.25996	-529.1999593	-323.0299593	Varney-2018	-147.5999593
605950.48	5599732.54	52.08954804	54159.22	53660.29	53501.07	54033.25996	-532.1899593	-326.0199593	Varney-2018	-150.5899593
605950.48	5599732.54	52.08954804	54159.23	53661.16	53501.93	54033.25996	-531.3299593	-325.1599593	Varney-2018	-149.7299593
605950.48	5599732.54	52.08954804	54159.24	53656.1	53496.86	54033.25996	-536.3999593	-330.2299593	Varney-2018	-154.7999593
605950.48	5599732.54	52.08954804	54159.26	53644.18	53484.92	54033.25996	-548.3399593	-342.1699593	Varney-2018	-166.7399593
605950.48	5599732.54	52.08954804	54159.26	53634.94	53475.68	54033.25996	-557.5799593	-351.4099593	Varney-2018	-175.9799593
605950.48	5599732.54	52.08954804	54159.27	53630.15	53470.88	54033.25996	-562.3799593	-356.2099593	Varney-2018	-180.7799593
605950.48	5599732.54	52.08954804	54159.27	53639.26	53479.99	54033.25996	-553.2699593	-347.0999593	Varney-2018	-171.6699593
605950.48	5599732.54	52.08954804	54159.28	53652.76	53493.48	54033.25996	-539.7799593	-333.6099593	Varney-2018	-158.1799593
605950.48	5599732.54	52.08954804	54159.28	53656.48	53497.2	54033.25996	-536.0599593	-329.8899593	Varney-2018	-154.4599593
605950.48	5599732.54	52.08954804	54159.28	53660.67	53501.39	54033.25996	-531.8699593	-325.6999593	Varney-2018	-150.2699593
605950.48	5599732.54	52.08954804	54159.3	53666.11	53506.81	54033.25996	-526.4499593	-320.2799593	Varney-2018	-144.8499593
605950.48	5599732.54	52.08954804	54159.32	53655.64	53496.32	54033.25996	-536.9399593	-330.7699593	Varney-2018	-155.3399593
605950.48	5599732.54	52.08954804	54159.32	53667.08	53507.76	54033.25996	-525.4999593	-319.3299593	Varney-2018	-143.8999593
605950.48	5599732.54	52.08954804	54159.32	53682.76	53523.44	54033.25996	-509.8199593	-303.6499593	Varney-2018	-128.2199593
605950.48	5599732.54	52.08954804	54159.32	53685.38	53526.06	54033.25996	-507.1999593	-301.0299593	Varney-2018	-125.5999593
605950.48	5599732.54	52.08954804	54159.32	53684.24	53524.92	54033.25996	-508.3399593	-302.1699593	Varney-2018	-126.7399593
605950.48	5599732.54	52.08954804	54159.34	53684.68	53525.34	54033.25996	-507.9199593	-301.7499593	Varney-2018	-126.3199593
605950.48	5599732.54	52.08954804	54159.37	53686.23	53526.86	54033.25996	-506.3999593	-300.2299593	Varney-2018	-124.7999593
605950.48	5599732.54	52.08954804	54159.38	53685.15	53525.77	54033.25996	-507.4899593	-301.3199593	Varney-2018	-125.8899593
605950.48	5599732.54	52.08954804	54159.4	53687.68	53528.28	54033.25996	-504.9799593	-298.8099593	Varney-2018	-123.3799593
605950.48	5599732.54	52.08954804	54159.42	53686.39	53526.97	54033.25996	-506.2899593	-300.1199593	Varney-2018	-124.6899593
605969.23	5599704.55	55.58489833	54159.51	53682.59	53523.08	54033.09256	-510.0125615	-303.8425615	Varney-2018	-128.4125615
605969.5	5599704.8	55.56707626	54159.53	53682.4	53522.87	54033.0946	-510.2245993	-304.0545993	Varney-2018	-128.6245993
605970.19	5599704.86	55.58188582	54159.54	53690.46	53530.92	54033.09587	-502.1758655	-296.0058655	Varney-2018	-120.5758655
605971.63	5599703.94	55.72174553	54159.56	53698.76	53539.2	54033.09139	-493.8913918	-287.7213918	Varney-2018	-112.2913918
605973.17	5599703.91	55.77187384	54159.56	53699.61	53540.05	54033.0931	-493.0431021	-286.8731021	Varney-2018	-111.4431021
605974.78	5599702.32	55.98670274	54159.56	53694.3	53534.74	54033.08428	-498.3442797	-292.1742797	Varney-2018	-116.7442797
605976.86	5599700.22	56.26895254	54159.57	53690.43	53530.86	54033.07257	-502.2125717	-296.0425717	Varney-2018	-120.6125717
605978.94	5599698.12	56.55112277	54159.59	53693.09	53533.5	54033.06087	-499.5608659	-293.3908659	Varney-2018	-117.9608659
605981.01	5599696.02	56.83290897	54159.61	53692.6	53532.99	54033.04915	-500.0591496	-293.8891496	Varney-2018	-118.4591496
605978.87	5599696.36	56.73233121	54159.63	53690.79	53531.16	54033.0488	-501.8887993	-295.7187993	Varney-2018	-120.2887993
605977.59	5599694.11	56.92776452	54159.64	53684.66	53525.02	54033.03189	-508.0118905	-301.8418905	Varney-2018	-126.4118905
605978.96	5599693.78	57.0038312	54159.65	53676.04	53516.39	54033.03135	-516.6413507	-310.4713507	Varney-2018	-135.0413507
605981.34	5599695.2	56.92835881	54159.67	53658.17	53498.5	54033.04398	-534.5439797	-328.3739797	Varney-2018	-152.9439797
605983.66	5599694.69	57.0520868	54159.7	53653.75	53494.05	54033.0434	-538.993398	-332.823398	Varney-2018	-157.393398
605985.99	5599694.17	57.18873069	54159.7	53659.09	53499.39	54033.04245	-533.6524538	-327.4824538	Varney-2018	-152.0524538
605988.31	5599693.66	57.38037768	54159.71	53646.02	53486.31	54033.04007	-546.7300702	-340.5600702	Varney-2018	-165.1300702
605990.46	5599692.61	57.61450345	54159.74	53651.89	53492.15	54033.03403	-540.8840275	-334.7140275	Varney-2018	-159.2840275
605992.69	5599691.79	57.82723998	54159.77	53652.27	53492.5	54033.02965	-540.5296464	-334.3596464	Varney-2018	-158.9296464
605985.42	5599689.18	57.67930883	54159.78	53654.04	53494.26	54033.00809	-538.748095	-332.578095	Varney-2018	-157.148095
605985.59	5599688.53	57.75214591	54159.79	53657.49	53497.7	54033.00388	-535.3038838	-329.1338838	Varney-2018	-153.7038838
605984.92	5599686.75	57.91711769	54159.8	53659.11	53499.31	54032.99094	-533.6809354	-327.5109354	Varney-2018	-152.0809354
605983.41	5599685.53	57.99830639	54159.81	53666.62	53506.81	54032.98075	-526.1707494	-320.0007494	Varney-2018	-144.5707494
605982.81	5599682.65	58.28000414	54159.82	53673.67	53513.85	54032.9604	-519.1104008	-312.9404008	Varney-2018	-137.5104008
605982.02	5599680.73	58.45599955	54159.84	53678.07	53518.23	54032.94635	-514.7163477	-308.5463477	Varney-2018	-133.1163477
605981.23	5599678.81	58.63202259	54159.84	53697.26	53537.42	54032.93229	-495.5122938	-289.3422938	Varney-2018	-113.9122938
605980.43	5599676.89	58.80777051	54159.85	53703.79	53543.94	54032.91823	-488.9782266	-282.8082266	Varney-2018	-107.3782266
605979.64	5599674.97	58.98384897	54159.88	53703.17	53543.29	54032.90417	-489.6141712	-283.4441712	Varney-2018	-108.0141712
605979.44	5599674.49	59.02779728	54159.91	53688.76	53528.85	54032.90065	-504.0506541	-297.8806541	Varney-2018	-122.4506541
605979.44	5599674.49	59.02779728	54159.93	53689.07	53529.14	54032.90065	-503.7606541	-297.5906541	Varney-2018	-122.1606541
605979.44	5599674.49	59.02779728	54159.95	53689.35	53529.4	54032.90065	-503.5006541	-297.3306541	Varney-2018	-121.9006541
605979.44	5599674.49	59.02779728	54159.96	53695.48	53535.52	54032.90065	-497.3806541	-291.2106541	Varney-2018	-115.7806541
605979.44	5599674.49	59.02779728	54159.98	53701.02	53541.04	54032.90065	-491.8606541	-285.6906541	Varney-2018	-110.2606541
605979.44	5599674.49	59.02779728	54159.98	53710.76	53550.78	54032.90065	-482.1206541	-275.9506541	Varney-2018	-100.5206541
605979.44	5599674.49	59.02779728	54159.99	53707.69	53547.7	54032.90065	-485.2006541	-279.0306541	Varney-2018	-103.6006541
605979.44	5599674.49	59.02779728	54160	53717.06	53557.06	54032.90065	-475.8406541	-269.6706541	Varney-2018	-94.24065413

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605979.44	5599674.49	59.02779728	54160.02	53724.86	53564.84	54032.90065	-468.0606541	-261.8906541	Varney-2018	-86.46065413
605979.44	5599674.49	59.02779728	54160.03	53727.96	53567.93	54032.90065	-464.9706541	-258.8006541	Varney-2018	-83.37065413
605979.44	5599674.49	59.02779728	54160.05	53739.68	53579.63	54032.90065	-453.2706541	-247.1006541	Varney-2018	-71.67065413
605979.44	5599674.49	59.02779728	54160.06	53743.68	53583.62	54032.90065	-449.2806541	-243.1106541	Varney-2018	-67.68065413
605979.44	5599674.49	59.02779728	54160.07	53740.9	53580.83	54032.90065	-452.0706541	-245.9006541	Varney-2018	-70.47065413
605979.44	5599674.49	59.02779728	54160.09	53735.08	53574.99	54032.90065	-457.9106541	-251.7406541	Varney-2018	-76.31065413
605979.44	5599674.49	59.02779728	54160.11	53733.26	53573.15	54032.90065	-459.7506541	-253.5806541	Varney-2018	-78.15065413
605979.44	5599674.49	59.02779728	54160.11	53738.47	53578.36	54032.90065	-454.5406541	-248.3706541	Varney-2018	-72.94065413
605979.44	5599674.49	59.02779728	54160.11	53742.7	53582.59	54032.90065	-450.3106541	-244.1406541	Varney-2018	-68.71065413
605979.44	5599674.49	59.02779728	54160.11	53744.33	53584.22	54032.90065	-448.6806541	-242.5106541	Varney-2018	-67.08065413
605979.44	5599674.49	59.02779728	54160.12	53732.89	53572.77	54032.90065	-460.1306541	-253.9606541	Varney-2018	-78.53065413
605979.44	5599674.49	59.02779728	54160.14	53728.59	53568.45	54032.90065	-464.4506541	-258.2806541	Varney-2018	-82.85065413
605979.44	5599674.49	59.02779728	54160.16	53719.55	53559.39	54032.90065	-473.5106541	-267.3406541	Varney-2018	-91.91065413
605979.44	5599674.49	59.02779728	54160.16	53711.66	53551.5	54032.90065	-481.4006541	-275.2306541	Varney-2018	-99.80065413
605979.44	5599674.49	59.02779728	54160.17	53712.97	53552.8	54032.90065	-480.1006541	-273.9306541	Varney-2018	-98.50065413
605979.44	5599674.49	59.02779728	54160.16	53714.39	53554.23	54032.90065	-478.6706541	-272.5006541	Varney-2018	-97.07065413
605979.44	5599674.49	59.02779728	54160.15	53704.42	53544.27	54032.90065	-488.6306541	-282.4606541	Varney-2018	-107.0306541
605979.44	5599674.49	59.02779728	54160.16	53693.96	53533.8	54032.90065	-499.1006541	-292.9306541	Varney-2018	-117.5006541
605979.44	5599674.49	59.02779728	54160.17	53681.85	53521.68	54032.90065	-511.2206541	-305.0506541	Varney-2018	-129.6206541
605979.44	5599674.49	59.02779728	54160.18	53673.54	53513.36	54032.90065	-519.5406541	-313.3706541	Varney-2018	-137.9406541
605979.44	5599674.49	59.02779728	54160.2	53678.52	53518.32	54032.90065	-514.5806541	-308.4106541	Varney-2018	-132.9806541
605979.44	5599674.49	59.02779728	54160.21	53675.3	53515.09	54032.90065	-517.8106541	-311.6406541	Varney-2018	-136.2106541
605979.44	5599674.49	59.02779728	54160.22	53668.34	53508.12	54032.90065	-524.7806541	-318.6106541	Varney-2018	-143.1806541
605979.44	5599674.49	59.02779728	54160.22	53635.95	53475.73	54032.90065	-557.1706541	-351.0006541	Varney-2018	-175.5706541
605979.44	5599674.49	59.02779728	54160.23	53644.94	53484.71	54032.90065	-548.1906541	-342.0206541	Varney-2018	-166.5906541
605979.44	5599674.49	59.02779728	54160.23	53646.05	53485.82	54032.90065	-547.0806541	-340.9106541	Varney-2018	-165.4806541
605979.44	5599674.49	59.02779728	54160.24	53664.54	53504.3	54032.90065	-528.6006541	-322.4306541	Varney-2018	-147.0006541
605979.44	5599674.49	59.02779728	54160.24	53663.6	53503.36	54032.90065	-529.5406541	-323.3706541	Varney-2018	-147.9406541
605979.44	5599674.49	59.02779728	54160.24	53662.73	53502.49	54032.90065	-530.4106541	-324.2406541	Varney-2018	-148.8106541
605979.44	5599674.49	59.02779728	54160.24	53663.37	53503.13	54032.90065	-529.7706541	-323.6006541	Varney-2018	-148.1706541
605979.44	5599674.49	59.02779728	54160.25	53667.2	53506.95	54032.90065	-525.9506541	-319.7806541	Varney-2018	-144.3506541
605979.44	5599674.49	59.02779728	54160.26	53666.78	53506.52	54032.90065	-526.3806541	-320.2106541	Varney-2018	-144.7806541
605979.44	5599674.49	59.02779728	54160.28	53665.9	53505.62	54032.90065	-527.2806541	-321.1106541	Varney-2018	-145.6806541
605979.44	5599674.49	59.02779728	54160.3	53665.83	53505.53	54032.90065	-527.3706541	-321.2006541	Varney-2018	-145.7706541
605979.44	5599674.49	59.02779728	54160.32	53663.97	53503.65	54032.90065	-529.2506541	-323.0806541	Varney-2018	-147.6506541
606320.18	5599411.85	65.16456109	54165.47	53676.14	53510.67	54032.37546	-521.7054626	-315.5354626	Varney-2018	-140.1054626
606320.38	5599412.92	65.19547915	54165.48	53675.52	53510.04	54032.37938	-522.3393789	-316.1693789	Varney-2018	-140.7393789
606320.75	5599414.33	65.23420225	54165.5	53672.48	53506.98	54032.38481	-525.4048118	-319.2348118	Varney-2018	-143.8048118
606321.56	5599416.29	65.28246026	54165.51	53673.84	53508.33	54032.39312	-524.0631186	-317.8931186	Varney-2018	-142.4631186
606322.7	5599418	65.31646281	54165.52	53677.65	53512.13	54032.40147	-520.2714701	-314.1014701	Varney-2018	-138.6714701
606323.5	5599419.45	65.34871146	54165.52	53680.92	53515.4	54032.40812	-517.0081191	-310.8381191	Varney-2018	-135.4081191
606324.06	5599420.37	65.36827281	54165.51	53679.5	53513.99	54032.41247	-518.4224693	-312.2524693	Varney-2018	-136.8224693
606323.97	5599421.91	65.42057214	54165.51	53681.19	53515.68	54032.41712	-516.7371233	-310.5671233	Varney-2018	-135.1371233
606324.84	5599423.31	65.45025473	54165.5	53687.87	53522.37	54032.42378	-510.0537819	-303.8837819	Varney-2018	-128.4537819
606326.51	5599424.51	65.45861019	54165.48	53710.22	53544.74	54032.43184	-487.6918398	-281.5218398	Varney-2018	-106.0918398
606326.84	5599426.49	65.51794916	54165.46	53720.99	53555.53	54032.43895	-476.9089481	-270.7389481	Varney-2018	-95.30894813
606327.28	5599427.42	65.54060569	54165.46	53713.45	53547.99	54032.44301	-484.4530102	-278.2830102	Varney-2018	-102.8530102
606327.57	5599428.8	65.58099005	54165.46	53707.61	53542.15	54032.44811	-490.2981135	-284.1281135	Varney-2018	-108.6981135
606327.26	5599428.4	65.57342287	54165.46	53716.12	53550.66	54032.44606	-481.7860607	-275.6160607	Varney-2018	-100.1860607
606328.19	5599428.37	65.5553664	54165.46	53703.68	53538.22	54032.44833	-494.2283274	-288.0583274	Varney-2018	-112.6283274
606327.87	5599431.8	65.67497316	54165.47	53700.26	53534.79	54032.45837	-497.6683651	-291.4983651	Varney-2018	-116.0683651
606328.94	5599433.84	65.72344746	54165.48	53704.94	53539.46	54032.46752	-493.0075231	-286.8375231	Varney-2018	-111.4075231
606329.16	5599435.67	65.78037319	54165.48	53714.43	53548.95	54032.47386	-483.5238632	-277.3538632	Varney-2018	-101.9238632
606329.32	5599437.24	65.82976897	54165.47	53717.28	53551.81	54032.47923	-480.6692287	-274.4992287	Varney-2018	-99.06922873
606329.09	5599438.98	65.89169217	54165.47	53719.65	53554.18	54032.48415	-478.3041487	-272.1341487	Varney-2018	-96.70414869
606329.8	5599441.2	65.95321061	54165.47	53724.76	53559.29	54032.49295	-473.2029495	-267.0329495	Varney-2018	-91.60294947
606330.49	5599443.47	66.01698917	54165.47	53744.84	53579.37	54032.50185	-453.1318514	-246.9618514	Varney-2018	-71.53185139
606330.31	5599446.24	66.11246099	54165.48	53752.72	53587.24	54032.51015	-445.2701482	-239.1001482	Varney-2018	-63.67014821
606331.03	5599447.06	66.11001605	54165.48	53755.57	53590.09	54032.51501	-442.4250062	-236.2550062	Varney-2018	-60.82500623
606332.99	5599447.94	66.07322363	54165.47	53754.19	53588.72	54032.52356	-443.8035633	-237.6335633	Varney-2018	-62.20356329
606334.2	5599451.41	66.03898118	54165.45	53743.06	53577.61	54032.54098	-454.9309847	-248.7609847	Varney-2018	-73.33098468
606333	5599452.37	66.05347929	54165.43	53737.33	53571.9	54032.54202	-460.6420182	-254.4720182	Varney-2018	-79.04201824
606334.24	5599453.99	66.02781342	54165.42	53740.9	53575.48	54032.55179	-457.0717941	-250.9017941	Varney-2018	-75.47179406
606334.36	5599455.8	66.01868437	54165.41	53751.22	53585.81	54032.5596	-446.7496004	-240.5796004	Varney-2018	-65.14960043

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606334.88	5599456.92	66.00679235	54165.42	53749.64	53584.22	54032.56551	-448.3455114	-242.1755114	Varney-2018	-66.74551145
606334.98	5599458.11	66.00075234	54165.43	53743.7	53578.27	54032.57069	-454.3006881	-248.1306881	Varney-2018	-72.70068814
606335.21	5599459.55	65.99206511	54165.44	53743.44	53578	54032.57721	-454.5772126	-248.4072126	Varney-2018	-72.97721264
606335.92	5599461.01	65.97722219	54165.46	53744.72	53579.26	54032.58497	-453.3249666	-247.1549666	Varney-2018	-71.72496655
606337.68	5599464.88	65.94203692	54165.45	53740.45	53575	54032.60516	-457.605159	-251.435159	Varney-2018	-76.00515899
606338.01	5599466.47	65.93319038	54165.44	53739.9	53574.46	54032.6125	-458.1524994	-251.9824994	Varney-2018	-76.55249941
606338.26	5599467.8	65.92629899	54165.44	53743.11	53577.67	54032.61857	-454.9485726	-248.7785726	Varney-2018	-73.34857257
606337.92	5599465.89	65.93602851	54165.44	53734.28	53568.84	54032.60989	-463.7698944	-257.5998944	Varney-2018	-82.16989444
606337.64	5599465.62	65.94016884	54165.42	53742.41	53576.99	54032.60812	-455.6181183	-249.4481183	Varney-2018	-74.01811827
606337.21	5599465.53	65.94553869	54165.4	53745.62	53580.22	54032.60673	-452.3867293	-246.2167293	Varney-2018	-70.78672932
606337.32	5599466.08	65.94244562	54165.38	53744.96	53579.58	54032.60926	-453.0292608	-246.8592608	Varney-2018	-71.42926082
606337.86	5599466.98	65.933338	54165.36	53745.53	53580.17	54032.61425	-452.4442495	-246.2742495	Varney-2018	-70.84424953
606337.98	5599467.4	65.93067158	54165.35	53745.25	53579.9	54032.61626	-452.7162646	-246.5462646	Varney-2018	-71.11626464
606338.53	5599468.73	65.92054268	54165.33	53738.77	53573.44	54032.62304	-459.1830395	-253.0130395	Varney-2018	-77.58303946
606339.08	5599468.42	65.91537608	54165.32	53735.54	53570.22	54032.62305	-462.4030521	-256.2330521	Varney-2018	-80.80305212
606338.28	5599468.39	65.92430409	54165.31	53728.6	53563.29	54032.62105	-469.3310519	-263.1610519	Varney-2018	-87.73105191
606341.08	5599467.96	65.89431559	54165.31	53693.41	53528.1	54032.62586	-504.5258562	-298.3558562	Varney-2018	-122.9258562
606341.21	5599467.35	65.89421382	54165.31	53691.05	53525.74	54032.62366	-506.8836595	-300.7136595	Varney-2018	-125.2836595
606338.9	5599466.52	65.92275015	54165.31	53692.69	53527.38	54032.61481	-505.2348053	-299.0648053	Varney-2018	-123.6348053
606338.8	5599466.47	65.92404901	54165.31	53687.68	53522.37	54032.61436	-510.2443635	-304.0743635	Varney-2018	-128.6443635
606338.69	5599466.5	65.92523513	54165.29	53690.8	53525.51	54032.61423	-507.1042275	-300.9342275	Varney-2018	-125.5042275
606340.99	5599467.32	65.89677569	54165.26	53677.58	53512.32	54032.62302	-520.3030187	-314.1330187	Varney-2018	-138.7030187
606342.24	5599468.95	65.8794394	54165.24	53676.33	53511.09	54032.63263	-521.5426345	-315.3726345	Varney-2018	-139.9426345
606341.26	5599467.93	65.89237082	54165.21	53684.5	53519.29	54032.62616	-513.336156	-307.166156	Varney-2018	-131.736156
606342.02	5599467.95	65.88383477	54165.2	53683.32	53518.12	54032.62802	-514.5080233	-308.3380233	Varney-2018	-132.9080233
606341.92	5599467.96	65.88493191	54165.18	53686.87	53521.69	54032.62783	-510.9378293	-304.7678293	Varney-2018	-129.3378293
606341.4	5599468.1	65.89043806	54165.16	53685.65	53520.49	54032.62718	-512.1371819	-305.9671819	Varney-2018	-130.5371819
606341.27	5599468.08	65.89192936	54165.14	53687.34	53522.2	54032.62679	-510.4267947	-304.2567947	Varney-2018	-128.8267947
606341.01	5599468.01	65.89498419	54165.13	53684.77	53519.64	54032.6259	-512.985897	-306.815897	Varney-2018	-131.385897
606341.3	5599467.92	65.89194555	54165.12	53684.37	53519.25	54032.62621	-513.376209	-307.206209	Varney-2018	-131.776209
606341.14	5599467.91	65.89375697	54165.12	53684.18	53519.06	54032.62579	-513.5657921	-307.3957921	Varney-2018	-131.9657921
606341.43	5599467.65	65.8910737	54165.12	53684.34	53519.22	54032.62541	-513.4054073	-307.2354073	Varney-2018	-131.8054073
606341.79	5599465.86	65.89070604	54165.1	53684.36	53519.26	54032.61892	-513.358919	-307.188919	Varney-2018	-131.758919
606341.89	5599465.66	65.88993876	54165.08	53684.3	53519.22	54032.61834	-513.398336	-307.228336	Varney-2018	-131.798336
606342.06	5599465.71	65.88783535	54165.07	53684.99	53519.92	54032.61894	-512.6989429	-306.5289429	Varney-2018	-131.0989429
606342.54	5599465.61	65.88236875	54165.05	53684.33	53519.28	54032.61967	-513.3396689	-307.1696689	Varney-2018	-131.7396689
606342.84	5599465.45	65.87911218	54165.04	53685.86	53520.82	54032.61972	-511.7997242	-305.6297242	Varney-2018	-130.1997242
606343	5599465.21	65.87763282	54165.03	53685.06	53520.03	54032.61912	-512.5891215	-306.4191215	Varney-2018	-130.9891215
606343.25	5599465	65.87500517	54165.03	53685.16	53520.13	54032.61886	-512.4888554	-306.3188554	Varney-2018	-130.8888554
606343.41	5599464.85	65.87333398	54165.04	53685.05	53520.01	54032.61862	-512.6086217	-306.4386217	Varney-2018	-131.0086217
606343.44	5599464.49	65.8735551	54165.04	53680.16	53515.12	54032.61722	-517.4972219	-311.3272219	Varney-2018	-135.8972219
606342.54	5599465.18	65.88316706	54165.03	53682.49	53517.46	54032.61791	-515.1579092	-308.9879092	Varney-2018	-133.5579092
606342.8	5599464.7	65.88092601	54165.02	53680.86	53515.84	54032.61656	-516.7765617	-310.6065617	Varney-2018	-135.1765617
606342.57	5599464.82	65.88347498	54165	53681.31	53516.31	54032.61651	-516.3065072	-310.1365072	Varney-2018	-134.7065072
606341.26	5599464.79	65.89928019	54165.02	53678.89	53513.87	54032.61328	-518.7432777	-312.5732777	Varney-2018	-137.1432777
606340.32	5599465.84	65.90800592	54165.04	53710.05	53545.01	54032.61536	-487.6053619	-281.4353619	Varney-2018	-106.0053619
606339.33	5599466.43	65.91802494	54165.02	53727.56	53562.54	54032.61545	-470.0754494	-263.9054494	Varney-2018	-88.47544943
606338.61	5599468.37	65.92071401	54164.99	53728.3	53563.31	54032.62174	-469.3117436	-263.1417436	Varney-2018	-87.71174365
606338.74	5599470.29	65.91375135	54164.99	53711.82	53546.83	54032.62996	-485.7999577	-279.6299577	Varney-2018	-104.1999577
606339.35	5599471.16	65.90495804	54164.99	53686.79	53521.8	54032.63496	-510.8349605	-304.6649605	Varney-2018	-129.2349605
606339.85	5599471.86	65.8979969	54164.99	53665.93	53500.94	54032.639	-531.6990016	-325.5290016	Varney-2018	-150.0990016
606339.99	5599471.85	65.89660506	54164.98	53665.19	53500.21	54032.63929	-532.4292854	-326.2592854	Varney-2018	-150.8292854
606339.8	5599471.99	65.89816601	54164.98	53660.88	53495.9	54032.63942	-536.73942	-330.56942	Varney-2018	-155.13942
606339.49	5599471.62	65.90228351	54164.99	53674.85	53509.86	54032.63718	-522.7771786	-316.6071786	Varney-2018	-141.1771786
606339.74	5599472	65.89874522	54164.99	53660.93	53495.94	54032.63932	-536.6993219	-330.5293219	Varney-2018	-155.0993219
606339.96	5599472.59	65.89502206	54164.98	53664.26	53499.28	54032.64226	-533.3622577	-327.1922577	Varney-2018	-151.7622577
606339.82	5599472.21	65.89739504	54164.97	53656.54	53491.57	54032.64037	-541.070371	-334.900371	Varney-2018	-159.470371
606339.12	5599471.98	65.90505383	54164.96	53666.6	53501.64	54032.6378	-530.9978011	-324.8278011	Varney-2018	-149.3978011
606338.51	5599472.28	65.91032758	54164.97	53699.85	53534.88	54032.63762	-497.757622	-291.587622	Varney-2018	-116.157622
606338.51	5599473.51	65.90671228	54164.99	53703.77	53538.78	54032.64269	-493.8626908	-287.6926908	Varney-2018	-112.2626908
606337.98	5599474.82	65.9078057	54164.99	53712.42	53547.43	54032.64687	-485.2168703	-279.0468703	Varney-2018	-103.6168703
606339.23	5599475.4	65.8945531	54165	53699.27	53534.27	54032.65213	-498.3821325	-292.2121325	Varney-2018	-116.7821325
606339.24	5599476.92	65.8902918	54165	53657.8	53492.8	54032.65841	-539.8584114	-333.6884114	Varney-2018	-158.2584114
606338.88	5599478.28	65.88958457	54165.01	53658.08	53493.07	54032.66319	-539.5931897	-333.4231897	Varney-2018	-157.9931897

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606338	5599479.95	65.89183781	54165	53666.18	53501.18	54032.66808	-531.4880754	-325.3180754	Varney-2018	-149.8880754
606336.87	5599480.6	65.89862413	54164.98	53685.09	53520.11	54032.6682	-512.5582039	-306.3882039	Varney-2018	-130.9582039
606335.65	5599480.53	65.90836934	54164.97	53712.47	53547.5	54032.66516	-485.1651582	-278.9951582	Varney-2018	-103.5651582
606334.1	5599480.83	65.91921273	54164.96	53758.15	53593.19	54032.6629	-439.4729019	-233.3029019	Varney-2018	-57.87290194
606333.59	5599481.36	65.92088816	54164.95	53761.71	53596.76	54032.66395	-435.9039535	-229.7339535	Varney-2018	-54.30395346
606332.83	5599481.9	65.92423084	54164.93	53759.99	53595.06	54032.66449	-437.604488	-231.434488	Varney-2018	-56.00448802
606332.68	5599482.69	65.92178532	54164.93	53755.22	53590.29	54032.66744	-442.377439	-236.207439	Varney-2018	-60.77743897
606331.42	5599483.1	65.92888842	54164.93	53750	53585.07	54032.66632	-447.5963219	-241.4263219	Varney-2018	-65.99632189
606331.7	5599483.41	65.9254211	54164.91	53749.2	53584.29	54032.66824	-448.3782419	-242.2082419	Varney-2018	-66.77824192
606331.53	5599484.32	65.9222333	54164.89	53750.1	53585.21	54032.67166	-447.4616567	-241.2916567	Varney-2018	-65.86165666
606331.92	5599484.97	65.91652943	54164.88	53749.71	53584.83	54032.67524	-447.8452364	-241.6752364	Varney-2018	-66.24523642
606331.87	5599485.26	65.91548976	54164.86	53746.38	53581.52	54032.67633	-451.1563338	-244.9863338	Varney-2018	-69.55633384
606331.79	5599485.56	65.9145882	54164.86	53743.33	53578.47	54032.67741	-454.2074064	-248.0374064	Varney-2018	-72.60740644
606331.32	5599486.34	65.91381686	54164.85	53740.3	53575.45	54032.67962	-457.2296157	-251.0596157	Varney-2018	-75.62961571
606330.75	5599486.83	65.91490787	54164.85	53731.54	53566.69	54032.6804	-465.9903978	-259.8203978	Varney-2018	-84.39039785
606331.03	5599486.43	65.91517904	54164.86	53734.11	53569.25	54032.67935	-463.4293482	-257.2593482	Varney-2018	-81.82934819
606330.59	5599486.5	65.91755623	54164.86	53724.19	53559.33	54032.67866	-473.348665	-267.178665	Varney-2018	-91.74866499
606328.59	5599488.01	65.92147361	54164.86	53713.25	53548.39	54032.68056	-484.2905608	-278.1205608	Varney-2018	-102.6905608
606327.81	5599487.61	65.92831099	54164.86	53707.33	53542.47	54032.67716	-490.2071612	-284.0371612	Varney-2018	-108.6071612
606329.4	5599487.91	65.91732698	54164.87	53708.86	53543.99	54032.68193	-488.6919291	-282.5219291	Varney-2018	-107.0919291
606330.18	5599486.67	65.91921401	54164.87	53705.36	53540.49	54032.67847	-492.1884668	-286.0184668	Varney-2018	-110.5884668
606330.2	5599486.66	65.91914284	54164.88	53707.84	53542.96	54032.67847	-489.7184693	-283.5484693	Varney-2018	-108.1184693
606329.75	5599485.92	65.92582565	54164.88	53710.28	53545.4	54032.67438	-487.2743765	-281.1043765	Varney-2018	-105.6743765
606329.62	5599485.86	65.92697027	54164.88	53710.42	53545.54	54032.67384	-487.1338367	-280.9638367	Varney-2018	-105.5338367
606329.56	5599486.74	65.92264944	54164.89	53700.28	53535.39	54032.67739	-497.287386	-291.117386	Varney-2018	-115.687386
606328.93	5599486.83	65.92601235	54164.91	53699.82	53534.91	54032.67637	-497.7663676	-291.5963676	Varney-2018	-116.1663676
606328.59	5599488.03	65.92136153	54164.92	53671.8	53506.88	54032.68064	-525.8006446	-319.6306446	Varney-2018	-144.2006446
606328.86	5599488.82	65.91543103	54164.93	53602.15	53437.22	54032.68455	-595.4645501	-389.2945501	Varney-2018	-213.8645501
606329.32	5599489.38	65.90984169	54164.94	53569.82	53404.88	54032.68791	-627.8079066	-421.6379066	Varney-2018	-246.2079066
606329.56	5599488	65.91591624	54164.95	53556.08	53391.13	54032.68266	-641.5526588	-435.3826588	Varney-2018	-259.9526588
606330.31	5599488.38	65.90962189	54164.96	53554.52	53389.56	54032.6859	-643.1259015	-436.9559015	Varney-2018	-261.5259015
606330.72	5599488.37	65.90734139	54164.97	53550.51	53385.54	54032.68676	-647.1467632	-440.9767632	Varney-2018	-265.5467632
606330.94	5599488.72	65.90434955	54164.97	53559.55	53394.58	54032.68871	-638.1087092	-431.9387092	Varney-2018	-256.5087092
606330.93	5599489.53	65.90037514	54164.97	53551.55	53386.58	54032.69207	-646.1120689	-439.9420689	Varney-2018	-264.5120689
606333.6	5599490.88	65.88027245	54164.97	53547.27	53382.3	54032.70354	-650.4035406	-444.2335406	Varney-2018	-268.8035406
606333.62	5599490.89	65.88012965	54164.97	53547.93	53382.96	54032.70363	-649.7436258	-443.5736258	Varney-2018	-268.1436258
606333.56	5599490.92	65.88030221	54164.98	53544.23	53379.25	54032.70362	-653.4536194	-447.2836194	Varney-2018	-271.8536194
606333.67	5599490.91	65.87979433	54165	53542.66	53377.66	54032.70382	-655.0438182	-448.8738182	Varney-2018	-273.4438182
606333.31	5599490.9	65.88163957	54165	53543.02	53378.02	54032.70299	-654.6829899	-448.5129899	Varney-2018	-273.0829899
606333.08	5599490.99	65.88239556	54165	53543.33	53378.33	54032.70286	-654.3728616	-448.2028616	Varney-2018	-272.7728616
606333.1	5599491.05	65.88203232	54165	53542.43	53377.43	54032.70315	-655.2731549	-449.1031549	Varney-2018	-273.6731549
606333.1	5599490.95	65.8824716	54165.01	53543.77	53378.76	54032.70274	-653.9427389	-447.7727389	Varney-2018	-272.3427389
606333.09	5599490.91	65.88269736	54165.01	53544.3	53379.29	54032.70255	-653.4125507	-447.2425507	Varney-2018	-271.8125507
606333.09	5599490.93	65.88260945	54165.01	53540.67	53375.66	54032.70263	-657.0426339	-450.8726339	Varney-2018	-275.4426339
606332.72	5599490.96	65.88432455	54165.02	53529.2	53364.18	54032.70195	-668.5219502	-462.3519502	Varney-2018	-286.9219502
606331.58	5599491.09	65.88939103	54165.03	53482.73	53317.7	54032.7	-715.0000015	-508.8300015	Varney-2018	-333.4000015
606330.86	5599491.5	65.89091221	54165.02	53390.95	53225.93	54032.70014	-806.7701409	-600.6001409	Varney-2018	-425.1701409
606330.42	5599492.62	65.88731847	54165	53386.62	53221.62	54032.70386	-811.0838612	-604.9138612	Varney-2018	-429.4838612
606329.82	5599493.61	65.88482474	54165	53452.37	53287.37	54032.7067	-745.3366983	-539.1666983	Varney-2018	-363.7366983
606329.53	5599494.29	65.88242662	54164.99	53451.08	53286.09	54032.70892	-746.6189159	-540.4489159	Varney-2018	-365.0189159
606329.51	5599494.77	65.87993708	54164.99	53399.01	53234.02	54032.71088	-798.6908815	-592.5208815	Varney-2018	-417.0908815
606329.69	5599496.12	65.87205582	54164.98	53582.24	53417.26	54032.71692	-615.4569181	-409.2869181	Varney-2018	-233.8569181
606330.69	5599495.81	65.87001282	54164.99	53661.95	53496.96	54032.71777	-535.7577715	-329.5877715	Varney-2018	-154.1577715
606329.86	5599497.43	65.86454809	54165.01	53683.6	53518.59	54032.72276	-514.1327625	-307.9627625	Varney-2018	-132.5327625
606329	5599497.83	65.86514842	54165.02	53688.92	53523.9	54032.7226	-508.8225985	-302.6525985	Varney-2018	-127.2225985
606328.54	5599498.6	65.86226987	54165.03	53696.82	53531.79	54032.72484	-500.9348438	-294.7648438	Varney-2018	-119.3348438
606328.8	5599499.91	65.85423781	54165.05	53688.81	53523.76	54032.73089	-508.9708868	-302.8008868	Varney-2018	-127.3708868
606328.1	5599499.35	65.85926107	54165.07	53684.77	53519.7	54032.72705	-513.0270527	-306.8570527	Varney-2018	-131.4270527
606328.81	5599499.92	65.85415649	54165.07	53682.7	53517.63	54032.73095	-515.1009499	-308.9309499	Varney-2018	-133.5009499
606328.61	5599501.42	65.84627484	54165.08	53685.67	53520.59	54032.73681	-512.1468129	-305.9768129	Varney-2018	-130.5468129
606326.01	5599503.16	65.84098913	54165.09	53679.42	53514.33	54032.73865	-518.4086512	-312.2386512	Varney-2018	-136.8086512
606325.91	5599504.73	65.83123119	54165.11	53682.38	53517.27	54032.74505	-515.4750522	-309.3050522	Varney-2018	-133.8750522
606323.93	5599505.64	65.82755059	54165.12	53685.1	53519.98	54032.74476	-512.7647648	-306.5947648	Varney-2018	-131.1647648
606323.31	5599506.85	65.81970245	54165.14	53686.25	53521.11	54032.74859	-511.6385924	-305.4685924	Varney-2018	-130.0385924

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606322.6	5599509.11	65.80391259	54165.12	53679.81	53514.69	54032.75669	-518.066691	-311.896691	Varney-2018	-136.466691
606322.56	5599511.29	65.78816791	54165.1	53674.57	53509.47	54032.76584	-523.2958402	-317.1258402	Varney-2018	-141.6958402
606323.07	5599510.24	65.79584949	54165.1	53668.38	53503.28	54032.76244	-529.4824381	-323.3124381	Varney-2018	-147.8824381
606323.34	5599510.4	65.79477788	54165.1	53662.28	53497.18	54032.76367	-535.5836676	-329.4136676	Varney-2018	-153.9836676
606319.38	5599511.6	65.78416838	54165.11	53667.78	53502.67	54032.76067	-530.0906724	-323.9206724	Varney-2018	-148.4906724
606318.62	5599512.4	65.77712137	54165.12	53668.6	53503.48	54032.76253	-529.2825338	-323.1125338	Varney-2018	-147.6825338
606318.79	5599512.85	65.7735452	54165.12	53668.55	53503.43	54032.7648	-529.3347969	-323.1647969	Varney-2018	-147.7347969
606318.37	5599513.67	65.76632458	54165.12	53677.53	53512.41	54032.76744	-520.3574416	-314.1874416	Varney-2018	-138.7574416
606318.91	5599513.78	65.76602119	54165.13	53682.77	53517.64	54032.769	-515.1290027	-308.9590027	Varney-2018	-133.5290027
606321.12	5599515.05	65.75887228	54165.14	53688.11	53522.97	54032.77886	-509.8088631	-303.6388631	Varney-2018	-128.2088631
606321.19	5599517.87	65.73756499	54165.14	53682.13	53516.99	54032.79097	-515.8009731	-309.6309731	Varney-2018	-134.2009731
606321.63	5599519.24	65.72830989	54165.14	53683.83	53518.69	54032.79766	-514.1076606	-307.9376606	Varney-2018	-132.5076606
606322.34	5599519.9	65.72535302	54165.16	53686.07	53520.91	54032.80186	-511.8918647	-305.7218647	Varney-2018	-130.2918647
606321.33	5599521.18	65.71287155	54165.18	53698.29	53533.11	54032.8053	-499.6952977	-293.5252977	Varney-2018	-118.0952977
606321.37	5599522.8	65.70753738	54165.18	53694.68	53529.5	54032.81207	-503.3120708	-297.1420708	Varney-2018	-121.7120708
606320.19	5599523.4	65.71231425	54165.18	53691.66	53526.48	54032.81195	-506.3319478	-300.1619478	Varney-2018	-124.7319478
606317.45	5599524.9	65.72438433	54165.19	53691.24	53526.05	54032.81207	-506.7620678	-300.5920678	Varney-2018	-125.1620678
606316.62	5599526.15	65.73939976	54165.2	53696.21	53531.01	54032.81502	-501.8050195	-295.6350195	Varney-2018	-120.2050195
606316.51	5599528.25	65.76938552	54165.22	53712.22	53547	54032.82249	-485.8224882	-279.6524882	Varney-2018	-104.2224882
606314.55	5599528.39	65.76336467	54165.24	53705.81	53540.57	54032.81919	-492.2491909	-286.0791909	Varney-2018	-110.6491909
606314.14	5599529.67	65.77989595	54165.24	53698.96	53533.72	54032.82309	-499.1030857	-292.9330857	Varney-2018	-117.5030857
606313.35	5599530.63	65.79012554	54165.23	53689.64	53524.41	54032.82507	-508.415074	-302.245074	Varney-2018	-126.815074
606314.42	5599531.02	65.80033473	54165.23	53678.09	53512.86	54032.82858	-519.9685761	-313.7985761	Varney-2018	-138.3685761
606314.63	5599532.48	65.82210774	54165.23	53671.75	53506.52	54032.83433	-526.3143321	-320.1443321	Varney-2018	-144.7143321
606314.19	5599533.92	65.84060954	54165.22	53660.56	53495.34	54032.83876	-537.4987599	-331.3287599	Varney-2018	-155.8987599
606315.11	5599533.5	65.83890669	54165.2	53656.87	53491.67	54032.839	-541.1689954	-334.9989954	Varney-2018	-159.5689954
606314.6	5599532.86	65.8273976	54165.19	53652.68	53487.49	54032.83567	-545.3456665	-339.1756665	Varney-2018	-163.7456665
606313.97	5599532.08	65.81342652	54165.18	53648.56	53483.38	54032.83159	-549.4515906	-343.2815906	Varney-2018	-167.8515906
606313.29	5599532.92	65.82224607	54165.19	53642.27	53477.08	54032.83336	-555.7533569	-349.5833569	Varney-2018	-174.1533569
606312.95	5599534.19	65.838599	54165.2	53638.99	53473.79	54032.83736	-559.0473596	-352.8773596	Varney-2018	-177.4473596
606312.8	5599535.31	65.85366973	54165.2	53637.74	53472.54	54032.84118	-560.3011799	-354.1311799	Varney-2018	-178.7011799
606311.1	5599535.8	65.85225698	54165.2	53641.47	53476.27	54032.83971	-556.569709	-350.399709	Varney-2018	-174.969709
606309.96	5599537.08	65.86432802	54165.21	53668.62	53503.41	54032.84222	-529.4322237	-323.2622237	Varney-2018	-147.8322237
606308.48	5599537.11	65.85729628	54165.23	53700.79	53535.56	54032.83949	-497.2794938	-291.1094938	Varney-2018	-115.6794938
606308.58	5599537.75	65.86652955	54165.23	53728.38	53563.15	54032.84204	-469.6920415	-263.5220415	Varney-2018	-88.09204149
606308.52	5599537.58	65.86390576	54165.24	53732.7	53567.46	54032.8413	-465.3813007	-259.2113007	Varney-2018	-83.78130066
606308.27	5599538.25	65.87175306	54165.26	53726.64	53561.38	54032.84329	-471.4632881	-265.2932881	Varney-2018	-89.86328805
606307.62	5599539.22	65.8815376	54165.29	53713.19	53547.9	54032.84562	-484.9456159	-278.7756159	Varney-2018	-103.3456159
606307.02	5599540.43	65.89469045	54165.29	53707.47	53542.18	54032.84893	-490.6689273	-284.4989273	Varney-2018	-109.0689273
606307.68	5599541.53	65.91314305	54165.29	53698.79	53533.5	54032.85424	-499.3542396	-293.1842396	Varney-2018	-117.7542396
606307.92	5599543.83	65.94567612	54165.27	53690.2	53524.93	54032.86317	-507.9331677	-301.7631677	Varney-2018	-126.3331677
606307.76	5599545.94	65.97335622	54165.25	53674.25	53509	54032.87064	-523.8706354	-317.7006354	Varney-2018	-142.2706354
606306.25	5599547.8	65.98925927	54165.22	53657.93	53492.71	54032.87463	-540.1646338	-333.9946338	Varney-2018	-158.5646338
606304.22	5599549.67	66.0013909	54165.19	53637.7	53472.51	54032.87771	-560.3677054	-354.1977054	Varney-2018	-178.7677054
606303.05	5599549.9	65.99694984	54165.17	53628.28	53463.11	54032.87635	-569.7663515	-363.5963515	Varney-2018	-188.1663515
606301.61	5599551.18	66.00426797	54165.15	53640.64	53475.49	54032.87838	-557.3883765	-351.2183765	Varney-2018	-175.7883765
606299.86	5599552.52	66.00989438	54165.15	53655.24	53490.09	54032.88005	-542.7900527	-336.6200527	Varney-2018	-161.1900527
606298.82	5599553.98	66.02136882	54165.15	53663.89	53498.74	54032.88352	-534.1435162	-327.9735162	Varney-2018	-152.5435162
606297.42	5599555.13	66.02614883	54165.16	53651.23	53486.07	54032.88517	-546.815165	-340.645165	Varney-2018	-165.215165
606296.25	5599557.13	66.04269574	54165.17	53654.15	53488.98	54032.89041	-543.9104102	-337.7404102	Varney-2018	-162.3104102
606295.25	5599558.42	66.05131679	54165.19	53667.1	53501.91	54032.89334	-530.9833442	-324.8133442	Varney-2018	-149.3833442
606294.48	5599559.43	66.05797146	54165.22	53676.1	53510.88	54032.89567	-522.0156704	-315.8456704	Varney-2018	-140.4156704
606293.5	5599560.75	66.06661858	54165.23	53693.03	53527.8	54032.89877	-505.098766	-298.928766	Varney-2018	-123.498766
606293.89	5599559.87	66.05892422	54165.24	53707.74	53542.5	54032.89621	-490.396213	-284.226213	Varney-2018	-108.796213
606294.51	5599558.65	66.04871681	54165.24	53728.36	53563.12	54032.89282	-469.7728241	-263.6028241	Varney-2018	-88.17282409
606295.12	5599557.44	66.03839933	54165.23	53727.12	53561.89	54032.88946	-470.999458	-264.829458	Varney-2018	-89.39945805
606295.73	5599556.22	66.02780257	54165.23	53716.33	53551.1	54032.88606	-481.786059	-275.616059	Varney-2018	-100.186059
606291.39	5599562.59	66.07246262	54165.22	53714.51	53549.29	54032.90172	-483.6117189	-277.4417189	Varney-2018	-102.0117189
606285.68	5599556.87	66.12251966	54165.23	53714.68	53549.45	54032.86555	-483.4155453	-277.2455453	Varney-2018	-101.8155453
606295.61	5599558.8	66.05860216	54165.25	53706.22	53540.97	54032.89543	-491.9254261	-285.7554261	Varney-2018	-110.3254261
606295.4	5599559.11	66.06085844	54165.26	53701.45	53536.19	54032.89619	-496.7061885	-290.5361885	Varney-2018	-115.1061885
606295.15	5599559.14	66.05938426	54165.27	53677.64	53512.37	54032.89584	-520.5258357	-314.3558357	Varney-2018	-138.9258357
606294.72	5599559.81	66.06437192	54165.29	53659.89	53494.6	54032.89753	-538.2975295	-332.1275295	Varney-2018	-156.6975295
606294.22	5599560.9	66.07386278	54165.31	53640.01	53474.7	54032.90066	-558.2006581	-352.0306581	Varney-2018	-176.6006581

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606293.25	5599562.28	66.08311868	54165.31	53648.99	53483.68	54032.904	-549.2240007	-343.0540007	Varney-2018	-167.6240007
606308.02	5599567.15	66.26297292	54165.32	53681.87	53516.55	54032.94923	-516.3992343	-310.2292343	Varney-2018	-134.7992343
606308.68	5599568.01	66.28013522	54165.32	53688.79	53523.47	54032.95361	-509.4836105	-303.3136105	Varney-2018	-127.8836105
606309.04	5599569.65	66.3055766	54165.31	53700.86	53535.55	54032.9603	-497.4103047	-291.2403047	Varney-2018	-115.8103047
606306.29	5599569.49	66.28011257	54165.31	53709.19	53543.88	54032.95469	-489.0746889	-282.9046889	Varney-2018	-107.4746889
606307.35	5599567.05	66.25611775	54165.3	53711.84	53546.54	54032.94764	-486.4076367	-280.2376367	Varney-2018	-104.8076367
606304.85	5599567.75	66.24487838	54165.3	53708.56	53543.26	54032.94563	-489.6856334	-283.5156334	Varney-2018	-108.0856334
606304.45	5599567.9	66.24354737	54165.29	53720.36	53555.07	54032.94545	-477.8754541	-271.7054541	Varney-2018	-96.27545413
606304.45	5599567.9	66.24354737	54165.29	53742.58	53577.29	54032.94545	-455.6554541	-249.4854541	Varney-2018	-74.05545413
606304.45	5599567.9	66.24354737	54165.3	53763.52	53598.22	54032.94545	-434.7254541	-228.5554541	Varney-2018	-53.12545413
606304.45	5599567.9	66.24354737	54165.31	53771.3	53605.99	54032.94545	-426.9554541	-220.7854541	Varney-2018	-45.35545413
606304.45	5599567.9	66.24354737	54165.33	53771.86	53606.53	54032.94545	-426.4154541	-220.2454541	Varney-2018	-44.81545413
606304.45	5599567.9	66.24354737	54165.35	53770.79	53605.44	54032.94545	-427.5054541	-221.3354541	Varney-2018	-45.90545413
606304.45	5599567.9	66.24354737	54165.38	53769.78	53604.4	54032.94545	-428.5454541	-222.3754541	Varney-2018	-46.94545413
606304.45	5599567.9	66.24354737	54165.37	53775.63	53610.26	54032.94545	-422.6854541	-216.5154541	Varney-2018	-41.08545413
606304.45	5599567.9	66.24354737	54165.36	53770.69	53605.33	54032.94545	-427.6154541	-221.4454541	Varney-2018	-46.01545413
606304.45	5599567.9	66.24354737	54165.36	53771.15	53605.79	54032.94545	-427.1554541	-220.9854541	Varney-2018	-45.55545413
606304.45	5599567.9	66.24354737	54165.36	53773.78	53608.42	54032.94545	-424.5254541	-218.3554541	Varney-2018	-42.92545413
606304.45	5599567.9	66.24354737	54165.33	53774.15	53608.82	54032.94545	-424.1254541	-217.9554541	Varney-2018	-42.52545413
606304.45	5599567.9	66.24354737	54165.29	53769.71	53604.42	54032.94545	-428.5254541	-222.3554541	Varney-2018	-46.92545413
606304.45	5599567.9	66.24354737	54165.29	53756.93	53591.64	54032.94545	-441.3054541	-235.1354541	Varney-2018	-59.70545413
606304.45	5599567.9	66.24354737	54165.28	53753.37	53588.09	54032.94545	-444.8554541	-238.6854541	Varney-2018	-63.25545413
606304.45	5599567.9	66.24354737	54165.28	53745.19	53579.91	54032.94545	-453.0354541	-246.8654541	Varney-2018	-71.43545413
606304.45	5599567.9	66.24354737	54165.27	53760.34	53595.07	54032.94545	-437.8754541	-231.7054541	Varney-2018	-56.27545413
606304.45	5599567.9	66.24354737	54165.26	53734.38	53569.12	54032.94545	-463.8254541	-257.6554541	Varney-2018	-82.22545413
606304.45	5599567.9	66.24354737	54165.24	53714.45	53549.21	54032.94545	-483.7354541	-277.5654541	Varney-2018	-102.1354541
606304.45	5599567.9	66.24354737	54165.23	53707.44	53542.21	54032.94545	-490.7354541	-284.5654541	Varney-2018	-109.1354541
606304.45	5599567.9	66.24354737	54165.22	53690.49	53525.27	54032.94545	-507.6754541	-301.5054541	Varney-2018	-126.0754541
606304.45	5599567.9	66.24354737	54165.23	53664.3	53499.07	54032.94545	-533.8754541	-327.7054541	Varney-2018	-152.2754541
606304.45	5599567.9	66.24354737	54165.24	53656.55	53491.31	54032.94545	-541.6354541	-335.4654541	Varney-2018	-160.0354541
606304.45	5599567.9	66.24354737	54165.24	53656.73	53491.49	54032.94545	-541.4554541	-335.2854541	Varney-2018	-159.8554541
606304.45	5599567.9	66.24354737	54165.24	53655.84	53490.6	54032.94545	-542.3454541	-336.1754541	Varney-2018	-160.7454541
606304.45	5599567.9	66.24354737	54165.24	53656.29	53491.05	54032.94545	-541.8954541	-335.7254541	Varney-2018	-160.2954541
606304.45	5599567.9	66.24354737	54165.23	53656.47	53491.24	54032.94545	-541.7054541	-335.5354541	Varney-2018	-160.1054541
606304.45	5599567.9	66.24354737	54165.24	53654.51	53489.27	54032.94545	-543.6754541	-337.5054541	Varney-2018	-162.0754541
606304.45	5599567.9	66.24354737	54165.25	53660.11	53494.86	54032.94545	-538.0854541	-331.9154541	Varney-2018	-156.4854541
606304.45	5599567.9	66.24354737	54165.25	53668.36	53503.11	54032.94545	-529.8354541	-323.6654541	Varney-2018	-148.2354541
606304.45	5599567.9	66.24354737	54165.24	53665.47	53500.23	54032.94545	-532.7154541	-326.5454541	Varney-2018	-151.1154541
606304.45	5599567.9	66.24354737	54165.24	53661.38	53496.14	54032.94545	-536.8054541	-330.6354541	Varney-2018	-155.2054541
606304.45	5599567.9	66.24354737	54165.23	53658.78	53493.55	54032.94545	-539.3954541	-333.2254541	Varney-2018	-157.7954541
606304.45	5599567.9	66.24354737	54165.22	53657.85	53492.63	54032.94545	-540.3154541	-334.1454541	Varney-2018	-158.7154541
606273.37	5599585.2	66.81564012	54165.28	53667.24	53501.96	54032.93642	-530.9764226	-324.8064226	Varney-2018	-149.3764226
606273.71	5599585.85	66.81020081	54165.28	53668.68	53503.4	54032.93989	-529.5398926	-323.3698926	Varney-2018	-147.9398926
606273.94	5599588.04	66.82083203	54165.27	53667.99	53502.72	54032.94894	-530.2289364	-324.0589364	Varney-2018	-148.6289364
606273.65	5599588.07	66.8300143	54165.27	53663.93	53498.66	54032.94822	-534.2882188	-328.1182188	Varney-2018	-152.6882188
606273.61	5599589.36	66.84165671	54165.26	53664.25	53498.99	54032.95304	-533.9630431	-327.7930431	Varney-2018	-152.3630431
606272.77	5599590.47	66.87604825	54165.26	53671.45	53506.19	54032.95489	-526.764894	-320.594894	Varney-2018	-145.164894
606272.34	5599590.67	66.89062485	54165.26	53685.56	53520.3	54032.95443	-512.6544332	-306.4844332	Varney-2018	-131.0544332
606271.49	5599589.57	66.90797344	54165.28	53683.75	53518.47	54032.94778	-514.4777811	-308.3077811	Varney-2018	-132.8777811
606272.99	5599586.17	66.83528966	54165.3	53679.61	53514.31	54032.93904	-518.6290428	-312.4590428	Varney-2018	-137.0290428
606272.09	5599586.99	66.86974968	54165.3	53680.96	53515.66	54032.9396	-517.2795963	-311.1095963	Varney-2018	-135.6795963
606271.72	5599587.9	66.88819862	54165.29	53689.06	53523.77	54032.94203	-509.1720263	-303.0020263	Varney-2018	-127.5720263
606271.19	5599588.15	66.90643471	54165.29	53697.49	53532.2	54032.94147	-500.7414654	-294.5714654	Varney-2018	-119.1414654
606271.15	5599588.28	66.90864369	54165.3	53707.03	53541.73	54032.94185	-491.2118502	-285.0418502	Varney-2018	-109.6118502
606271.06	5599587.92	66.90871537	54165.3	53706.37	53541.07	54032.94021	-491.8702082	-285.7002082	Varney-2018	-110.2702082
606270.89	5599586.88	66.90620656	54165.29	53718.15	53552.86	54032.93572	-480.0757213	-273.9057213	Varney-2018	-98.47572125
606269.75	5599588.54	66.95359777	54165.28	53719.44	53554.16	54032.93884	-478.778835	-272.608835	Varney-2018	-97.17883504
606268.4	5599589.21	66.99968139	54165.27	53718.31	53553.04	54032.93755	-479.8975501	-273.7275501	Varney-2018	-98.29755007
606268.15	5599590.5	67.01614284	54165.25	53714.58	53549.33	54032.94182	-483.6118154	-277.4418154	Varney-2018	-102.0118154
606266.64	5599591.27	67.06685678	54165.23	53727.21	53561.98	54032.94048	-470.9604835	-264.7904835	Varney-2018	-89.36048347
606266.18	5599591.11	67.07967922	54165.23	53733.65	53568.42	54032.93855	-464.5185522	-258.3485522	Varney-2018	-82.91855223
606266.47	5599591.04	67.07048805	54165.24	53738.38	53573.14	54032.93911	-459.7991083	-253.6291083	Varney-2018	-78.19910834
606267.54	5599595.03	67.06496027	54165.24	53732.48	53567.24	54032.95758	-465.7175821	-259.5475821	Varney-2018	-84.11758208
606265.29	5599594.27	67.12606733	54165.23	53739.34	53574.11	54032.94827	-458.83827	-252.66827	Varney-2018	-77.23826998

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606263.74	5599593.01	67.16430925	54165.23	53734.61	53569.38	54032.93898	-463.5589799	-257.3889799	Varney-2018	-81.95897991
606263.38	5599593.66	67.17874847	54165.23	53739.35	53574.12	54032.94049	-458.8204857	-252.6504857	Varney-2018	-77.22048571
606263.01	5599594.58	67.19490932	54165.23	53748.03	53582.8	54032.94302	-450.1430169	-243.9730169	Varney-2018	-68.54301687
606262.46	5599594.9	67.21283015	54165.24	53753.1	53587.86	54032.94271	-445.0827062	-238.9127062	Varney-2018	-63.48270618
606261.9	5599596.1	67.23574002	54165.22	53755.59	53590.37	54032.9458	-442.5758003	-236.4058003	Varney-2018	-60.97580027
606260.65	5599596.08	67.27189833	54165.2	53755	53589.8	54032.94219	-443.1421943	-236.9721943	Varney-2018	-61.54219435
606261.3	5599592.66	67.23493978	54165.19	53754.62	53589.43	54032.93068	-443.5006827	-237.3306827	Varney-2018	-61.90068268
606260.32	5599596.3	67.28258846	54165.18	53757.08	53591.9	54032.94212	-441.0421228	-234.8721228	Varney-2018	-59.44212278
606258.78	5599597.15	67.33120807	54165.17	53750.39	53585.22	54032.94111	-447.7211082	-241.5511082	Varney-2018	-66.12110823
606257.23	5599598.2	67.38039769	54165.15	53753.47	53588.32	54032.94087	-444.6208666	-238.4508666	Varney-2018	-63.02086659
606258.49	5599599.04	67.37197991	54165.17	53745.52	53580.35	54032.94707	-452.5970722	-246.4270722	Varney-2018	-70.99707216
606259.84	5599600.9	67.41228445	54165.19	53751.45	53586.26	54032.95629	-446.6962935	-240.5262935	Varney-2018	-65.09629349
606261.2	5599602.77	67.45490112	54165.2	53743.14	53577.94	54032.96551	-455.0255144	-248.8555144	Varney-2018	-73.42551441
606260.84	5599602.29	67.44404687	54165.21	53747.76	53582.55	54032.96312	-450.4131229	-244.2431229	Varney-2018	-68.8131229
606259.32	5599603.54	67.53722638	54165.22	53734.8	53569.58	54032.96258	-463.3825843	-257.2125843	Varney-2018	-81.78258431
606258.49	5599605.02	67.62056976	54165.23	53729.96	53564.73	54032.96465	-468.2346528	-262.0646528	Varney-2018	-86.63465282
606258.01	5599606.03	67.67466223	54165.24	53730.37	53565.13	54032.96632	-467.8363157	-261.6663157	Varney-2018	-86.23631567
606257.81	5599607.35	67.73419484	54165.26	53729.13	53563.87	54032.96966	-469.0996622	-262.9296622	Varney-2018	-87.49966219
606256.71	5599607.75	67.77764022	54165.25	53720.58	53555.33	54032.96787	-477.6378688	-271.4678688	Varney-2018	-96.03786879
606255.56	5599608.24	67.82555273	54165.23	53724.55	53559.32	54032.96622	-473.6462181	-267.4762181	Varney-2018	-92.0462181
606254.6	5599608.75	67.86920816	54165.23	53717.85	53552.62	54032.96515	-480.3451512	-274.1751512	Varney-2018	-98.7451512
606253.76	5599610.05	67.9408235	54165.22	53711.56	53546.34	54032.96678	-486.6267826	-280.4567826	Varney-2018	-105.0267826
606252.98	5599609.81	67.94974316	54165.21	53713.14	53547.93	54032.96397	-485.0339747	-278.8639747	Varney-2018	-103.4339747
606252.26	5599609.71	67.96284709	54165.2	53714.36	53549.16	54032.96174	-483.8017449	-277.6317449	Varney-2018	-102.2017449
606252.64	5599609.79	67.95698686	54165.18	53711.72	53546.54	54032.963	-486.4230037	-280.2530037	Varney-2018	-104.8230037
606252.32	5599609.35	67.94741447	54165.16	53710	53544.84	54032.96082	-488.120822	-281.950822	Varney-2018	-106.520822
606252.36	5599609.97	67.9706081	54165.16	53693.36	53528.2	54032.9628	-504.7627953	-298.5927953	Varney-2018	-123.1627953
606251.79	5599611.69	68.05058745	54165.15	53657.58	53492.43	54032.96646	-540.536457	-334.366457	Varney-2018	-158.936457
606251.78	5599613.75	68.13052949	54165.15	53638.93	53473.78	54032.97264	-559.1926437	-353.0226437	Varney-2018	-177.5926437
606251.35	5599614.9	68.18424184	54165.15	53620.46	53455.31	54032.97499	-577.6649852	-371.4949852	Varney-2018	-196.0649852
606251.61	5599616.2	68.22888226	54165.15	53629.41	53464.26	54032.97959	-568.7195902	-362.5495902	Varney-2018	-187.1195902
606251.64	5599617.39	68.27423334	54165.16	53652.48	53487.32	54032.98326	-545.6632595	-339.4932595	Varney-2018	-164.0632595
606252.01	5599618.51	68.31015156	54165.16	53667.04	53501.88	54032.98759	-531.1075939	-324.9375939	Varney-2018	-149.5075939
606252.2	5599620.95	68.40123258	54165.16	53666.22	53501.06	54032.99543	-531.9354318	-325.7654318	Varney-2018	-150.3354318
606251.84	5599621.53	68.43047055	54165.16	53662.58	53497.42	54032.99626	-535.576262	-329.406262	Varney-2018	-153.976262
606251.47	5599620.83	68.41035188	54165.16	53657.46	53492.3	54032.99321	-540.6932063	-334.5232063	Varney-2018	-159.0932063
606253.31	5599622.44	68.43896346	54165.16	53669.29	53504.13	54033.00273	-528.8727329	-322.7027329	Varney-2018	-147.2727329
606253.84	5599623.5	68.47127428	54165.16	53667.28	53502.12	54033.00725	-530.8872489	-324.7172489	Varney-2018	-149.2872489
606252.23	5599624.35	68.53288988	54165.16	53668.83	53503.67	54033.00575	-529.3357458	-323.1657458	Varney-2018	-147.7357458
606251.05	5599624.42	68.55607931	54165.17	53676.51	53511.34	54033.00299	-521.6629915	-315.4929915	Varney-2018	-140.0629915
606249.64	5599630.02	68.79210128	54165.17	53675.92	53510.75	54033.01647	-522.2664749	-316.0964749	Varney-2018	-140.6664749
606248.93	5599631.52	68.85892641	54165.18	53671.88	53506.7	54033.01931	-526.3193087	-320.1493087	Varney-2018	-144.7193087
606249.14	5599631.43	68.85254169	54165.19	53672.56	53507.37	54033.01955	-525.6495453	-319.4795453	Varney-2018	-144.0495453
606246.59	5599631.25	68.88254999	54165.21	53668.51	53503.3	54033.01279	-529.7127873	-323.5427873	Varney-2018	-148.1127873
606245.49	5599630.9	68.88581089	54165.21	53675.78	53510.57	54033.00903	-522.439028	-316.269028	Varney-2018	-140.839028
606245.37	5599632.19	68.93393549	54165.21	53676.7	53511.49	54033.01272	-521.52272	-315.35272	Varney-2018	-139.92272
606245.61	5599633.94	68.99366483	54165.21	53665.16	53499.95	54033.0187	-533.0687028	-326.8987028	Varney-2018	-151.4687028
606245.54	5599634.65	69.02017017	54165.21	53660.64	53495.43	54033.02073	-537.5907263	-331.4207263	Varney-2018	-155.9907263
606244.54	5599634.66	69.03348945	54165.21	53659.02	53493.81	54033.01836	-539.2083607	-333.0383607	Varney-2018	-157.6083607
606243.55	5599634.06	69.02521628	54165.21	53665.04	53499.83	54033.01412	-533.1841225	-327.0141225	Varney-2018	-151.5841225
606242.45	5599633.09	69.00609505	54165.22	53669.03	53503.81	54033.00845	-529.1984504	-323.0284504	Varney-2018	-147.5984504
606241.9	5599633.09	69.01359238	54165.23	53675.77	53510.54	54033.00712	-522.4671226	-316.2971226	Varney-2018	-140.8671226
606242.15	5599632.81	69.00050451	54165.24	53675.16	53509.92	54033.00685	-523.086851	-316.916851	Varney-2018	-141.486851
606241.89	5599632.82	69.00442449	54165.25	53678.91	53513.66	54033.00625	-519.3462537	-313.1762537	Varney-2018	-137.7462537
606241.53	5599633.08	69.01829298	54165.25	53677.28	53512.03	54033.0062	-520.976198	-314.806198	Varney-2018	-139.376198
606241.55	5599633.15	69.02042227	54165.24	53680.22	53514.98	54033.00647	-518.0264655	-311.8564655	Varney-2018	-136.4264655
606240.73	5599633.12	69.03056015	54165.26	53681.23	53515.97	54033.00439	-517.0343921	-310.8643921	Varney-2018	-135.4343921
606240.75	5599632.82	69.02009626	54165.29	53682.47	53517.18	54033.0035	-515.823498	-309.653498	Varney-2018	-134.223498
606240.35	5599632.56	69.01680702	54165.31	53686.63	53521.32	54033.00171	-511.6817131	-305.5117131	Varney-2018	-130.0817131
606239.41	5599633.52	69.06189589	54165.34	53694.87	53529.53	54033.00247	-503.4724684	-297.3024684	Varney-2018	-121.8724684
606239.67	5599632.95	69.03929938	54165.35	53691.18	53525.83	54033.0013	-507.1712972	-301.0012972	Varney-2018	-125.5712972
606238.65	5599633.02	69.05557975	54165.36	53697.6	53532.24	54032.99905	-500.7590546	-294.5890546	Varney-2018	-119.1590546
606238.18	5599633.52	69.07843612	54165.36	53698.94	53533.58	54032.9995	-499.4195049	-293.2495049	Varney-2018	-117.8195049
606237.06	5599636.51	69.19034684	54165.35	53699.06	53533.71	54033.00632	-499.2963247	-293.1263247	Varney-2018	-117.6963247

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606237.47	5599636.31	69.17884515	54165.35	53703.07	53537.72	54033.00666	-495.2866628	-289.1166628	Varney-2018	-113.6866628
606236.9	5599636.4	69.18873801	54165.36	53708.79	53543.43	54033.00559	-489.5755942	-283.4055942	Varney-2018	-107.9755942
606236.62	5599635.75	69.17122608	54165.36	53708.2	53542.84	54033.00286	-490.1628563	-283.9928563	Varney-2018	-108.5628563
606236.22	5599634.86	69.14771499	54165.35	53697.26	53531.91	54032.99906	-501.089061	-294.919061	Varney-2018	-119.489061
606236.32	5599634.61	69.13840909	54165.36	53688.35	53522.99	54032.9985	-510.0085024	-303.8385024	Varney-2018	-128.4085024
606236.07	5599635.35	69.16530991	54165.38	53680.81	53515.43	54033.00027	-517.5702672	-311.4002672	Varney-2018	-135.9702672
606236.57	5599634.03	69.11649881	54165.39	53665.76	53500.37	54032.99725	-532.6272521	-326.4572521	Varney-2018	-151.0272521
606235.02	5599633.85	69.13133045	54165.4	53666.39	53500.99	54032.99295	-532.0029494	-325.8329494	Varney-2018	-150.4029494
606234.09	5599634.29	69.15739741	54165.41	53670.93	53505.52	54032.99213	-527.4721276	-321.3021276	Varney-2018	-145.8721276
606233.06	5599633.43	69.14452547	54165.43	53667.59	53502.16	54032.98688	-530.8268782	-324.6568782	Varney-2018	-149.2268782
606232.61	5599634.04	69.16919006	54165.43	53667.49	53502.06	54032.98777	-530.9277662	-324.7577662	Varney-2018	-149.3277662
606229.29	5599633.34	69.19275158	54165.44	53669.25	53503.81	54032.9775	-529.1674965	-322.9974965	Varney-2018	-147.5674965
606228.11	5599633.33	69.20842483	54165.44	53669.3	53503.86	54032.97462	-529.1146181	-322.9446181	Varney-2018	-147.5146181
606227.58	5599633.17	69.21106214	54165.44	53675.64	53510.2	54032.97281	-522.7728134	-316.6028134	Varney-2018	-141.1728134
606227.82	5599632.29	69.18277734	54165.45	53674.42	53508.97	54032.9705	-524.0004988	-317.8304988	Varney-2018	-142.4004988
606227.94	5599632.95	69.19990046	54165.47	53675.27	53509.8	54032.97296	-523.1729591	-317.0029591	Varney-2018	-141.5729591
606227.91	5599632.92	69.19945704	54165.47	53672.56	53507.09	54032.97279	-525.882788	-319.712788	Varney-2018	-144.282788
606228.38	5599632.9	69.19244254	54165.48	53669.41	53503.93	54032.97386	-529.0438579	-322.8738579	Varney-2018	-147.4438579
606227.09	5599632.38	69.19550936	54165.48	53671.53	53506.05	54032.96903	-526.9190265	-320.7490265	Varney-2018	-145.3190265
606226.18	5599632.72	69.21761933	54165.49	53673.01	53507.52	54032.96795	-525.4479465	-319.2779465	Varney-2018	-143.8479465
606225.49	5599631.66	69.19805281	54165.5	53668.27	53502.77	54032.96276	-530.192764	-324.022764	Varney-2018	-148.592764
606224.33	5599633.18	69.25552259	54165.52	53675.81	53510.29	54032.965	-522.6750032	-316.5050032	Varney-2018	-141.0750032
606223.73	5599633.64	69.27595192	54165.52	53678.7	53513.18	54032.96509	-519.7850893	-313.6150893	Varney-2018	-138.1850893
606223.12	5599634.25	69.30023986	54165.53	53676.67	53511.14	54032.96566	-521.8256589	-315.6556589	Varney-2018	-140.2256589
606222.28	5599634.07	69.30658207	54165.55	53678.65	53513.1	54032.96304	-519.8630387	-313.6930387	Varney-2018	-138.2630387
606222.77	5599634.27	69.3053624	54165.58	53681.3	53515.72	54032.96489	-517.2448854	-311.0748854	Varney-2018	-135.6448854
606221.73	5599631.96	69.25935783	54165.59	53677.35	53511.76	54032.95463	-521.1946324	-315.0246324	Varney-2018	-139.5946324
606220.89	5599631.91	69.26994161	54165.6	53684.12	53518.52	54032.95243	-514.4324253	-308.2624253	Varney-2018	-132.8324253
606220.55	5599635.27	69.35982189	54165.61	53683.31	53517.7	54032.96293	-515.2629264	-309.0929264	Varney-2018	-133.6629264
606219.69	5599635.75	69.38271854	54165.63	53686.83	53521.2	54032.96249	-511.7624942	-305.5924942	Varney-2018	-130.1624942
606219.05	5599636.79	69.41637769	54165.64	53689.94	53524.3	54032.96449	-508.664492	-302.494492	Varney-2018	-127.064492
606218.38	5599637.25	69.43566843	54165.66	53693.89	53528.23	54032.96446	-504.7344646	-298.5644646	Varney-2018	-123.1344646
606218.44	5599638.27	69.45986156	54165.66	53689.62	53523.96	54032.96807	-509.0080695	-302.8380695	Varney-2018	-127.4080695
606217.18	5599640.52	69.52796291	54165.66	53696.05	53530.39	54032.97277	-502.5827726	-296.4127726	Varney-2018	-120.9827726
606216.17	5599640.8	69.54508064	54165.66	53697.83	53532.17	54032.97138	-500.8013772	-294.6313772	Varney-2018	-119.2013772
606216.05	5599641.06	69.55240208	54165.65	53702.17	53536.52	54032.97199	-496.4519878	-290.2819878	Varney-2018	-114.8519878
606215.56	5599641.23	69.56134976	54165.66	53697.47	53531.81	54032.97143	-501.1614318	-294.9914318	Varney-2018	-119.5614318
606215.86	5599641.91	69.57415757	54165.68	53690.93	53525.25	54032.97446	-507.7244569	-301.5544569	Varney-2018	-126.1244569
606215.41	5599642.53	69.59292487	54165.68	53687.52	53521.84	54032.97554	-511.1355418	-304.9655418	Varney-2018	-129.5355418
606215.93	5599643.46	69.60964589	54165.68	53685.6	53519.92	54032.97993	-513.0599253	-306.8899253	Varney-2018	-131.4599253
606215.27	5599643.83	69.62424261	54165.68	53678.52	53512.84	54032.97968	-520.1396791	-313.9696791	Varney-2018	-138.5396791
606214	5599643.56	69.62963358	54165.69	53679.75	53514.06	54032.97584	-518.9158377	-312.7458377	Varney-2018	-137.3158377
606212.78	5599644.48	69.64055457	54165.7	53678.43	53512.73	54032.97676	-520.246763	-314.076763	Varney-2018	-138.646763
606212.33	5599643.98	69.61614379	54165.72	53683.18	53517.46	54032.97447	-515.5144656	-309.3444656	Varney-2018	-133.9144656
606211.86	5599644.2	69.60656297	54165.72	53676.26	53510.54	54032.97464	-522.4346445	-316.2646445	Varney-2018	-140.8346445
606211.63	5599644.55	69.60679035	54165.71	53682.89	53517.18	54032.97558	-515.7955813	-309.6255813	Varney-2018	-134.1955813
606211.24	5599644.68	69.5974516	54165.72	53687.96	53522.24	54032.97555	-510.7355541	-304.5655541	Varney-2018	-129.1355541
606210.62	5599644.5	69.5748218	54165.73	53692.72	53526.99	54032.97415	-505.9841541	-299.8141541	Varney-2018	-124.3841541
606209.34	5599645.23	69.54901282	54165.74	53696.31	53530.57	54032.97516	-502.4051626	-296.2351626	Varney-2018	-120.8051626
606208.47	5599645.82	69.53207483	54165.76	53693.56	53527.8	54032.97621	-505.1762114	-299.0062114	Varney-2018	-123.5762114
606208.5	5599646.07	69.53741726	54165.76	53692.25	53526.49	54032.97714	-506.4871419	-300.3171419	Varney-2018	-124.8871419
606208.25	5599645.48	69.51917212	54165.76	53693.18	53527.42	54032.97473	-505.5547276	-299.3847276	Varney-2018	-123.9547276
606208.33	5599645.36	69.51961423	54165.78	53693.98	53528.2	54032.97439	-504.774395	-298.604395	Varney-2018	-123.174395
606207.73	5599645.86	69.50912682	54165.81	53690.28	53524.47	54032.97546	-508.505463	-302.335463	Varney-2018	-126.905463
606206.71	5599645.38	69.46894814	54165.82	53693.71	53527.89	54032.97249	-505.0824947	-298.9124947	Varney-2018	-123.4824947
606206.26	5599645.14	69.45109178	54165.84	53691.45	53525.61	54032.97107	-507.3610745	-301.1910745	Varney-2018	-125.7610745
606205.81	5599644.89	69.43329658	54165.84	53686.62	53520.78	54032.96961	-512.1896123	-306.0196123	Varney-2018	-130.5896123
606207.28	5599648.89	69.54429074	54165.83	53688.78	53522.95	54032.98586	-510.0358559	-303.8658559	Varney-2018	-128.4358559
606206.39	5599649.98	69.53010068	54165.83	53688.41	53522.58	54032.98881	-510.408812	-304.238812	Varney-2018	-128.808812
606206.95	5599650.82	69.56370895	54165.84	53689.14	53523.3	54032.99247	-509.6924658	-303.5224658	Varney-2018	-128.0924658
606205.96	5599648.82	69.4971573	54165.83	53688.71	53522.88	54032.98411	-510.1041139	-303.9341139	Varney-2018	-128.5041139
606205.92	5599648.39	69.48930213	54165.82	53689.5	53523.68	54032.9825	-509.3025018	-303.1325018	Varney-2018	-127.7025018
606205.65	5599648.87	69.48709508	54165.82	53687.08	53521.26	54032.98395	-511.7239466	-305.5539466	Varney-2018	-130.1239466
606205.34	5599648.71	69.47396565	54165.81	53678.62	53512.81	54032.98301	-520.1730118	-314.0030118	Varney-2018	-138.5730118

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606204.97	5599648.73	69.46139651	54165.82	53687.49	53521.67	54032.98267	-511.3126666	-305.1426666	Varney-2018	-129.7126666
606204.67	5599648.09	69.44213268	54165.84	53686.11	53520.27	54032.97997	-512.7099746	-306.5399746	Varney-2018	-131.1099746
606205.18	5599649.12	69.47427393	54165.86	53684.31	53518.45	54032.98433	-514.5343327	-308.3643327	Varney-2018	-132.9343327
606205.67	5599649.68	69.49976743	54165.88	53689.33	53523.45	54032.98693	-509.5369261	-303.3669261	Varney-2018	-127.9369261
606205.8	5599651.08	69.52527957	54165.91	53686.64	53520.73	54032.99218	-512.2621759	-306.0921759	Varney-2018	-130.6621759
606206.11	5599651.94	69.54984456	54165.94	53685.62	53519.68	54032.99564	-513.3156372	-307.1456372	Varney-2018	-131.7156372
606206.43	5599652.81	69.57547122	54165.93	53682.99	53517.06	54032.99913	-515.9391314	-309.7691314	Varney-2018	-134.3391314
606206.01	5599655.56	69.60077138	54165.91	53685.83	53519.92	54033.00872	-513.0887155	-306.9187155	Varney-2018	-131.4887155
606206.01	5599656.09	69.60878209	54165.9	53684.26	53518.36	54033.01065	-514.6506456	-308.4806456	Varney-2018	-133.0506456
606205.36	5599657.54	69.60253217	54165.88	53676.55	53510.67	54033.01534	-522.3453391	-316.1753391	Varney-2018	-140.7453391
606205.26	5599658.08	69.60596637	54165.88	53680.73	53514.85	54033.01723	-518.1672258	-311.9972258	Varney-2018	-136.5672258
606204.18	5599658.89	69.56939865	54165.88	53686.55	53520.67	54033.01925	-512.3492537	-306.1792537	Varney-2018	-130.7492537
606204.85	5599659.97	69.61441583	54165.88	53691.4	53525.52	54033.0238	-507.5038008	-301.3338008	Varney-2018	-125.9038008
606204.76	5599660.51	69.61780742	54165.88	53689.3	53523.42	54033.02571	-509.6057091	-303.4357091	Varney-2018	-128.0057091
606205.11	5599661.17	69.64338321	54165.9	53690.13	53524.23	54033.02842	-508.7984172	-302.6284172	Varney-2018	-127.1984172
606205.37	5599661.58	69.6615102	54165.93	53687.97	53522.04	54033.03013	-510.9901275	-304.8201275	Varney-2018	-129.3901275
606205.22	5599662.52	69.66790464	54165.95	53688.81	53522.86	54033.03345	-510.1734501	-304.0034501	Varney-2018	-128.5734501
606205.69	5599663.88	69.71068228	54165.97	53686.41	53520.44	54033.03878	-512.598778	-306.428778	Varney-2018	-130.998778
606205.98	5599664.57	69.73544813	54165.96	53687.67	53521.71	54033.04151	-511.3315057	-305.1615057	Varney-2018	-129.7315057
606204.86	5599665.53	69.69268269	54165.95	53679.63	53513.68	54033.04422	-519.3642223	-313.1942223	Varney-2018	-137.7642223
606203.73	5599666.5	69.64743145	54165.93	53679.31	53513.38	54033.04702	-519.6670248	-313.4970248	Varney-2018	-138.0670248
606202.6	5599667.46	69.59992731	54165.9	53676.6	53510.7	54033.04985	-522.3498466	-316.1798466	Varney-2018	-140.7498466
606202.2	5599666.74	69.57051907	54165.87	53680.99	53515.12	54033.04689	-517.926895	-311.756895	Varney-2018	-136.326895
606201.23	5599668.07	69.53370666	54165.83	53696.98	53531.15	54033.05126	-501.9012574	-295.7312574	Varney-2018	-120.3012574
606199.53	5599669.03	69.45105968	54165.83	53707.11	53541.28	54033.05384	-491.7738415	-285.6038415	Varney-2018	-110.1738415
606196.87	5599671.22	69.3196372	54165.83	53707.83	53542	54033.06072	-491.0607217	-284.8907217	Varney-2018	-109.4607217
606196.01	5599672.14	69.27585938	54165.86	53692.95	53527.09	54033.06384	-505.9738372	-299.8038372	Varney-2018	-124.3738372
606195.39	5599673.2	69.24523584	54165.9	53690.3	53524.4	54033.06766	-508.6676622	-302.4976622	Varney-2018	-127.0676622
606194.29	5599674.59	69.17572329	54165.97	53692.88	53526.91	54033.07287	-506.1628679	-299.9928679	Varney-2018	-124.5628679
606193.43	5599674.64	69.12281062	54166.04	53681.02	53514.98	54033.07271	-518.0927085	-311.9227085	Varney-2018	-136.4927085
606192.01	5599674.38	69.04630923	54166.07	53677.18	53511.11	54033.07077	-521.9607723	-315.7907723	Varney-2018	-140.3607723
606190.15	5599674.38	68.93533439	54166.1	53676.95	53510.85	54033.0699	-522.2198986	-316.0498986	Varney-2018	-140.6198986
606188.9	5599674.1	68.86363543	54166.07	53673.23	53507.16	54033.0681	-525.908103	-319.738103	Varney-2018	-144.308103
606184.6	5599671.72	68.6216103	54166.03	53672.4	53506.37	54033.05608	-526.6860761	-320.5160761	Varney-2018	-145.0860761
606183.47	5599670.78	68.56346643	54165.96	53669.34	53503.38	54033.0515	-529.671499	-323.501499	Varney-2018	-148.071499
606181.87	5599669.97	68.48030386	54165.88	53673.23	53507.35	54033.04715	-525.6971465	-319.5271465	Varney-2018	-144.0971465
606181.8	5599671.71	68.46169707	54165.84	53673.69	53507.85	54033.05453	-525.2045308	-319.0345308	Varney-2018	-143.6045308
606179.52	5599671.96	68.32876435	54165.8	53679.69	53513.89	54033.05439	-519.1643881	-312.9943881	Varney-2018	-137.5643881
606177.86	5599671.26	68.24213078	54165.82	53680.92	53515.1	54033.05045	-517.9504493	-311.7804493	Varney-2018	-136.3504493
606175.21	5599670.64	68.10111776	54165.85	53683.67	53517.82	54033.04624	-515.2262443	-309.0562443	Varney-2018	-133.6262443
606173.44	5599671.59	67.98606318	54165.93	53694.38	53528.45	54033.0495	-504.5995042	-298.4295042	Varney-2018	-122.9995042
606171.83	5599672.42	67.87918467	54166.02	53696.83	53530.81	54033.05239	-502.2423903	-296.0723903	Varney-2018	-120.6423903
606170.02	5599672.52	67.77252999	54166.09	53694.03	53527.94	54033.05191	-505.1119089	-298.9419089	Varney-2018	-123.5119089
606168.45	5599673.67	67.65690927	54166.17	53702.71	53536.54	54033.0564	-496.5164028	-290.3464028	Varney-2018	-114.9164028
606168.16	5599675.08	67.59916411	54166.19	53709.03	53542.84	54033.06304	-490.2230397	-284.0530397	Varney-2018	-108.6230397
606167.2	5599676.52	67.49194828	54166.22	53718.05	53551.83	54033.06974	-481.2397351	-275.0697351	Varney-2018	-99.63973513
606165.31	5599676.99	67.36234406	54166.19	53725.17	53558.98	54033.07119	-474.0911941	-267.9211941	Varney-2018	-92.49119411
606165.05	5599677.46	67.33036367	54166.15	53737.99	53571.84	54033.07341	-461.2334089	-255.0634089	Varney-2018	-79.63340894
606164.33	5599677.6	67.28225789	54166.08	53744.45	53578.37	54033.07377	-454.7037733	-248.5337733	Varney-2018	-73.10377326
606162.66	5599677.19	67.19641299	54166	53750.22	53584.22	54033.07097	-448.8509653	-242.6809653	Varney-2018	-67.25096528
606161.66	5599678.09	67.10469238	54165.97	53745.92	53579.95	54033.07498	-453.1249844	-246.9549844	Varney-2018	-71.52498443
606160.77	5599678.71	67.02928824	54165.93	53721.61	53555.68	54033.07766	-477.3976645	-271.2276645	Varney-2018	-95.79766453
606159.64	5599679.95	66.91729698	54165.94	53686.3	53520.36	54033.08333	-512.7233291	-306.5533291	Varney-2018	-131.1233291
606158.87	5599681.2	66.82638873	54165.95	53649.5	53483.55	54033.08921	-549.5392138	-343.3692138	Varney-2018	-167.9392138
606158.38	5599683.15	66.72727905	54165.99	53632.52	53466.53	54033.09872	-566.5687207	-360.3987207	Varney-2018	-184.9687207
606156.34	5599683.1	66.60530826	54166.04	53634.98	53468.94	54033.09757	-564.157567	-357.987567	Varney-2018	-182.557567
606155.52	5599683.6	66.53758239	54166.07	53635.09	53469.02	54033.0997	-564.079702	-357.909702	Varney-2018	-182.479702
606154.53	5599684.27	66.45329713	54166.11	53640.01	53473.9	54033.10261	-559.2026145	-353.0326145	Varney-2018	-177.6026145
606153.98	5599685.26	66.38407932	54166.12	53642.21	53476.09	54033.10732	-557.0173242	-350.8473242	Varney-2018	-175.4173242
606153.02	5599685.26	66.3256052	54166.13	53640.96	53474.83	54033.1069	-558.276905	-352.106905	Varney-2018	-176.676905
606151.41	5599684.98	66.2377411	54166.07	53649.64	53483.57	54033.1048	-549.5347993	-343.3647993	Varney-2018	-167.9347993
606150.16	5599685.49	66.14298799	54166.01	53671.82	53505.81	54033.10681	-527.296809	-321.126809	Varney-2018	-145.696809
606149.95	5599684.45	66.16825791	54165.92	53666.85	53500.93	54033.1015	-532.1715031	-326.0015031	Varney-2018	-150.5715031
606150.29	5599687.18	66.08911727	54165.83	53666.65	53500.82	54033.11534	-532.2953373	-326.1253373	Varney-2018	-150.6953373

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606150.56	5599689.08	66.03621043	54165.8	53667.32	53501.52	54033.12498	-531.6049763	-325.4349763	Varney-2018	-150.0049763
606150.45	5599689.05	66.03055848	54165.77	53667.56	53501.79	54033.12478	-531.3347791	-325.1647791	Varney-2018	-149.7347791
606149.71	5599688.54	66.00384466	54165.78	53668.36	53502.58	54033.12191	-530.5419071	-324.3719071	Varney-2018	-148.9419071
606148.7	5599689.89	65.8923386	54165.8	53672.42	53506.62	54033.12825	-526.5082498	-320.3382498	Varney-2018	-144.9082498
606148.26	5599691.91	65.79097618	54165.84	53658.1	53492.26	54033.1382	-540.8782021	-334.7082021	Varney-2018	-159.2782021
606149.23	5599691.67	65.85960293	54165.88	53658.96	53493.08	54033.1374	-540.0574022	-333.8874022	Varney-2018	-158.4574022
606149.45	5599691.8	65.86839905	54165.94	53659.02	53493.08	54033.13815	-540.058146	-333.888146	Varney-2018	-158.458146
606150.26	5599692.2	65.90371676	54166.01	53667.6	53501.59	54033.14049	-531.5504888	-325.3804888	Varney-2018	-149.9504888
606150.41	5599693.45	65.86728529	54166.06	53675.4	53509.34	54033.14682	-523.8068166	-317.6368166	Varney-2018	-142.2068166
606151.33	5599692.56	65.9566219	54166.11	53687.93	53521.82	54033.14274	-511.3227369	-305.1527369	Varney-2018	-129.7227369
606152.87	5599693.21	66.02813807	54166.11	53679.52	53513.41	54033.14663	-519.7366285	-313.5666285	Varney-2018	-138.1366285
606154.21	5599692.5	66.1366201	54166.12	53665.29	53499.17	54033.14363	-533.9736307	-327.8036307	Varney-2018	-152.3736307
606154.91	5599692.04	66.19641394	54166.07	53657.78	53491.71	54033.14162	-541.4316215	-335.2616215	Varney-2018	-159.8316215
606154.04	5599692.22	66.13624178	54166.01	53664.49	53498.48	54033.14216	-534.6621598	-328.4921598	Varney-2018	-153.0621598
606154.45	5599692.49	66.1517986	54165.94	53653.75	53487.81	54033.14368	-545.3336802	-339.1636802	Varney-2018	-163.7336802
606154.5	5599692.67	66.14839093	54165.87	53646.59	53480.72	54033.1446	-552.4246009	-346.2546009	Varney-2018	-170.8246009
606154.27	5599693.5	66.10421693	54165.85	53643.01	53477.16	54033.14866	-555.9886562	-349.8186562	Varney-2018	-174.3886562
606155.03	5599693.02	66.16851634	54165.82	53633.07	53467.25	54033.14657	-565.8965698	-359.7265698	Varney-2018	-184.2965698
606155.95	5599694.69	66.16539388	54165.83	53642.16	53476.33	54033.15529	-556.8252924	-350.6552924	Varney-2018	-175.2252924
606157.74	5599697.38	66.18029801	54165.84	53638.45	53472.61	54033.16945	-560.5594461	-354.3894461	Varney-2018	-178.9594461
606158.43	5599696.18	66.26604161	54165.86	53638.08	53472.22	54033.16374	-560.9437364	-354.7737364	Varney-2018	-179.3437364
606158.64	5599697.48	66.23280667	54165.88	53640.61	53474.73	54033.1703	-558.4403047	-352.2703047	Varney-2018	-176.8403047
606159.04	5599698.73	66.21327969	54165.89	53645.85	53479.96	54033.1767	-553.2166972	-347.0466972	Varney-2018	-171.6166972
606158.5	5599699.15	66.16459293	54165.9	53652.12	53486.22	54033.17858	-546.9585784	-340.7885784	Varney-2018	-165.3585784
606157.27	5599700.08	66.054455	54165.95	53658.53	53492.58	54033.18274	-540.6027353	-334.4327353	Varney-2018	-159.0027353
606155.8	5599699.7	65.97607455	54166	53667.52	53501.52	54033.18026	-531.6602611	-325.4902611	Varney-2018	-150.0602611
606157.04	5599701.12	66.00283322	54166.03	53668.83	53502.8	54033.18784	-530.3878371	-324.2178371	Varney-2018	-148.7878371
606152.41	5599699.31	65.77814392	54166.06	53658.83	53492.77	54033.17698	-540.4069771	-334.2369771	Varney-2018	-158.8069771
606151.71	5599698.92	65.74857598	54166.03	53660.88	53494.85	54033.17475	-538.324748	-332.154748	Varney-2018	-156.724748
606152.13	5599700.24	65.72683011	54165.99	53655.96	53489.97	54033.18152	-543.2115234	-337.0415234	Varney-2018	-161.6115234
606152.38	5599701.2	65.70761568	54165.95	53662.5	53496.55	54033.18643	-536.6364273	-330.4664273	Varney-2018	-155.0364273
606152.24	5599700.4	65.72790465	54165.91	53662.12	53496.21	54033.18237	-536.9723675	-330.8023675	Varney-2018	-155.3723675
606152.42	5599701.89	65.68506467	54165.88	53663.35	53497.47	54033.1899	-535.7198971	-329.5498971	Varney-2018	-154.1198971
606154.28	5599704.37	65.71235855	54165.85	53673.49	53507.64	54033.20302	-525.5630168	-319.3930168	Varney-2018	-143.9630168
606153.98	5599705.47	65.6536736	54165.87	53668.73	53502.86	54033.2084	-530.3484049	-324.1784049	Varney-2018	-148.7484049
606154.86	5599706.31	65.67903911	54165.89	53667.62	53501.73	54033.21293	-531.4829342	-325.3129342	Varney-2018	-149.8829342
606155.95	5599706.22	65.75129299	54165.94	53659.63	53493.69	54033.21289	-539.5228908	-333.3528908	Varney-2018	-157.9228908
606157.04	5599706.4	65.81386103	54165.99	53655.85	53489.86	54033.2142	-543.3541959	-337.1841959	Varney-2018	-161.7541959
606157.13	5599709.07	65.72402871	54166.02	53650.08	53484.06	54033.22756	-549.1675579	-342.9975579	Varney-2018	-167.5675579
606158.64	5599709.21	65.81513824	54166.06	53650.45	53484.39	54033.22881	-548.8388062	-342.6688062	Varney-2018	-167.2388062
606159.91	5599710.42	65.85307159	54166.03	53638.13	53472.1	54033.2353	-561.1352983	-354.9652983	Varney-2018	-179.5352983
606159.42	5599711.05	65.7994368	54165.99	53634.83	53468.84	54033.23826	-564.3982624	-358.2282624	Varney-2018	-182.7982624
606160.16	5599712.96	65.77902091	54165.94	53643.66	53477.72	54033.24804	-555.5280445	-349.3580445	Varney-2018	-173.9280445
606160.67	5599714.16	65.76925488	54165.89	53644.24	53478.35	54033.2542	-554.9042016	-348.7342016	Varney-2018	-173.3042016
606158.59	5599717.66	65.51102916	54165.86	53644.31	53478.45	54033.27093	-554.8209322	-348.6509322	Varney-2018	-173.2209322
606156.52	5599718.71	65.3396173	54165.82	53642.05	53476.23	54033.27548	-557.0454756	-350.8754756	Varney-2018	-175.4454756
606157.78	5599719.12	65.40655465	54165.85	53648.84	53482.99	54033.27794	-550.2879436	-344.1179436	Varney-2018	-168.6879436
606162.12	5599719.65	65.66908418	54165.88	53649.16	53483.28	54033.28203	-550.0020297	-343.8320297	Varney-2018	-168.4020297
606162.26	5599720.85	65.63593284	54165.95	53653.88	53487.93	54033.28805	-545.3580478	-339.1880478	Varney-2018	-163.7580478
606162.14	5599721.16	65.61722041	54166.03	53649.65	53483.62	54033.28955	-549.6695511	-343.4995511	Varney-2018	-168.0695511
606161.83	5599720.86	65.60763537	54166.08	53655.09	53489.01	54033.28796	-544.2779563	-338.1079563	Varney-2018	-162.6779563
606161.48	5599720.89	65.58383054	54166.13	53663.67	53497.54	54033.28799	-535.7479907	-329.5779907	Varney-2018	-154.1479907
606161.54	5599722.16	65.54293143	54166.13	53667.89	53501.76	54033.29433	-531.5343331	-325.3643331	Varney-2018	-149.9343331
606160.46	5599723.79	65.41488247	54166.13	53664.26	53498.13	54033.3021	-535.1721029	-329.0021029	Varney-2018	-153.5721029
606161.79	5599725.02	65.45841274	54166.1	53669.42	53503.32	54033.30865	-529.9886505	-323.8186505	Varney-2018	-148.3886505
606163.08	5599726.63	65.48635632	54166.06	53668.62	53502.56	54033.31707	-530.7570657	-324.5870657	Varney-2018	-149.1570657
606164.58	5599728.49	65.5198697	54166.01	53685.12	53519.11	54033.32677	-514.2167749	-308.0467749	Varney-2018	-132.6167749
606165.47	5599731.63	65.4691404	54165.96	53708.03	53542.07	54033.34264	-491.2726415	-285.1026415	Varney-2018	-109.6726415
606164.2	5599729.44	65.46162012	54165.92	53716.74	53550.82	54033.33138	-482.5113808	-276.3413808	Varney-2018	-100.9113808
606165.55	5599733.16	65.4211712	54165.87	53747.99	53582.12	54033.35026	-451.2302635	-245.0602635	Varney-2018	-69.63026355
606166.93	5599736.49	65.39739411	54165.88	53763.34	53597.46	54033.36719	-435.907189	-229.737189	Varney-2018	-54.30718895
606164.14	5599736.32	65.21702235	54165.9	53761.54	53595.64	54033.36556	-437.7255602	-231.5555602	Varney-2018	-56.12556017
606163.36	5599735.24	65.20282002	54165.93	53760.31	53594.38	54033.35997	-438.9799699	-232.8099699	Varney-2018	-57.37996986
606162.26	5599734.54	65.15415339	54165.96	53750.57	53584.61	54033.35617	-448.7461733	-242.5761733	Varney-2018	-67.14617326

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606162.13	5599736.41	65.07966394	54165.99	53751.29	53585.3	54033.36544	-448.0654424	-241.8954424	Varney-2018	-66.46544236
606161.53	5599737.38	65.00538365	54166.03	53741.47	53575.44	54033.3701	-457.9301028	-251.7601028	Varney-2018	-76.3301028
606158.44	5599737.22	64.80441735	54166.06	53735.92	53569.86	54033.36845	-463.508445	-257.338445	Varney-2018	-81.90844502
606157.35	5599736.46	64.7587089	54166.09	53736.06	53569.97	54033.36435	-463.3943479	-257.2243479	Varney-2018	-81.79434789
606157.37	5599736.7	64.75146388	54166.1	53738.9	53572.8	54033.36555	-460.5655514	-254.3955514	Varney-2018	-78.96555139
606156.44	5599735.92	64.71730554	54166.11	53740.3	53574.19	54033.3614	-459.1713954	-253.0013954	Varney-2018	-77.57139541
606156.42	5599736.21	64.70557148	54166.1	53740.78	53574.68	54033.36284	-458.682838	-252.512838	Varney-2018	-77.08283803
606156.17	5599736.28	64.68637207	54166.08	53740.19	53574.11	54033.36312	-459.2531172	-253.0831172	Varney-2018	-77.65311721
606155.57	5599736.56	64.63624975	54166.06	53742.09	53576.03	54033.36435	-457.3343473	-251.1643473	Varney-2018	-75.73434732
606155.47	5599736.91	64.61698136	54166.04	53742.77	53576.73	54033.36607	-456.6360682	-250.4660682	Varney-2018	-75.03606818
606155.72	5599737	64.63045381	54166.05	53742.69	53576.64	54033.36659	-456.7265877	-250.5565877	Varney-2018	-75.12658775
606155.88	5599736.97	64.64222574	54166.07	53743.05	53576.98	54033.36648	-456.3864826	-250.2164826	Varney-2018	-74.78648258
606155.96	5599736.96	64.64793172	54166.07	53742.81	53576.74	54033.36645	-456.626455	-250.456455	Varney-2018	-75.02645498
606156.3	5599737.29	64.65881668	54166.06	53744.19	53578.13	54033.3682	-455.2381982	-249.0681982	Varney-2018	-73.63819817
606156.36	5599737.32	64.66175298	54166.04	53744.58	53578.54	54033.36836	-454.8283647	-248.6583647	Varney-2018	-73.22836471
606157.28	5599737.16	64.72900062	54166.01	53736.37	53570.36	54033.36782	-463.0078222	-256.8378222	Varney-2018	-81.40782222
606157.08	5599736.79	64.72886983	54165.98	53732.64	53566.66	54033.36592	-466.7059194	-260.5359194	Varney-2018	-85.10591939
606156.6	5599736.47	64.70826765	54165.95	53742.16	53576.21	54033.36419	-457.1541871	-250.9841871	Varney-2018	-75.55418706
606156.85	5599737.59	64.68485283	54165.95	53739.67	53573.72	54033.36985	-459.6498492	-253.4798492	Varney-2018	-78.04984917
606157.29	5599738.19	64.69283481	54165.95	53740.1	53574.15	54033.37297	-459.2229661	-253.0529661	Varney-2018	-77.62296614
606157.21	5599738.11	64.69033844	54165.99	53741.04	53575.05	54033.37254	-458.3225447	-252.1525447	Varney-2018	-76.72254475
606156.88	5599737.71	64.682563	54166.04	53741.33	53575.29	54033.37046	-458.0804566	-251.9104566	Varney-2018	-76.48045661
606156.28	5599737.57	64.6474336	54166.08	53741.06	53574.98	54033.36959	-458.389591	-252.219591	Varney-2018	-76.78959105
606156.1	5599738.24	64.61133924	54166.13	53742.34	53576.21	54033.37289	-457.1628877	-250.9928877	Varney-2018	-75.56288773
606156.45	5599739.23	64.59928341	54166.21	53741.96	53575.75	54033.37793	-457.6279282	-251.4579282	Varney-2018	-76.0279282
606156.73	5599739.73	64.60015702	54166.3	53742.92	53576.62	54033.3805	-456.7605011	-250.5905011	Varney-2018	-75.16050108
606157.09	5599740.39	64.60071393	54166.32	53743.81	53577.49	54033.38389	-455.8938934	-249.7238934	Varney-2018	-74.29389339
606157.17	5599740.9	64.58784672	54166.35	53743.34	53576.99	54033.38646	-456.3964607	-250.2264607	Varney-2018	-74.79646071
606156.99	5599740.5	64.59005363	54166.31	53731.92	53565.61	54033.38442	-467.7744156	-261.6044156	Varney-2018	-86.17441563
606157.18	5599740.04	64.61928535	54166.27	53735.61	53569.34	54033.38217	-464.0421705	-257.8721705	Varney-2018	-82.4421705
606158.05	5599739.94	64.68130578	54166.2	53735.72	53569.52	54033.38191	-463.8619066	-257.6919066	Varney-2018	-82.26190662
606157.88	5599739.79	64.67523997	54166.12	53738.04	53571.92	54033.38111	-461.4611122	-255.2911122	Varney-2018	-79.8611122
606157.73	5599739.78	64.66552328	54166.07	53736.03	53569.96	54033.38102	-463.4210217	-257.2510217	Varney-2018	-81.82102166
606157.57	5599739.76	64.65549266	54166.02	53735.83	53569.81	54033.38088	-463.5708785	-257.4008785	Varney-2018	-81.9708785
606158.58	5599740.67	64.69091096	54166.01	53735.45	53569.44	54033.38569	-463.9456908	-257.7756908	Varney-2018	-82.3456908
606158.55	5599742.05	64.63974149	54165.99	53725.5	53559.51	54033.39257	-473.8825656	-267.7125656	Varney-2018	-92.28256559
606156.61	5599741.11	64.54264035	54165.99	53719	53553.01	54033.38736	-480.3773595	-274.2073595	Varney-2018	-98.77735952
606155.72	5599741.61	64.46476379	54166	53722.76	53556.76	54033.38962	-476.6296201	-270.4596201	Varney-2018	-95.02962006
606154.64	5599742.57	64.35738461	54166.05	53724.79	53558.74	54033.39413	-474.6541329	-268.4841329	Varney-2018	-93.05413293
606153.77	5599743.17	64.2769805	54166.1	53713.65	53547.55	54033.39691	-485.8469058	-279.6769058	Varney-2018	-104.2469058
606154.08	5599744.84	64.23758374	54166.18	53694.28	53528.1	54033.40534	-505.3053385	-299.1353385	Varney-2018	-123.7053385
606152.85	5599745.53	64.12924033	54166.27	53710.7	53544.43	54033.40848	-488.9784776	-282.8084776	Varney-2018	-107.3784776
606152.09	5599746.27	64.05079542	54166.34	53733.85	53567.51	54033.41199	-465.9019903	-259.7319903	Varney-2018	-84.30199028
606151.79	5599748.18	63.96091684	54166.41	53749.87	53583.46	54033.42148	-449.9614804	-243.7914804	Varney-2018	-68.36148039
606150.99	5599750.03	63.83892652	54166.44	53769.99	53603.55	54033.43055	-429.8805535	-223.7105535	Varney-2018	-48.28055355
606149.35	5599749.9	63.7316293	54166.48	53770.92	53604.44	54033.42951	-428.9895083	-222.8195083	Varney-2018	-47.38950829
606147.72	5599749.56	63.63280416	54166.46	53756.66	53590.2	54033.42741	-443.2274098	-237.0574098	Varney-2018	-61.62740985
606146.41	5599749.53	63.54447003	54166.44	53734.03	53567.59	54033.42694	-465.8369431	-259.6669431	Varney-2018	-84.23694313
606145.5	5599750.16	63.45895919	54166.41	53698.35	53531.94	54033.42989	-501.4898907	-295.3198907	Varney-2018	-119.8898907
606144.14	5599749.64	63.38538691	54166.38	53683.33	53516.95	54033.42695	-516.4769488	-310.3069488	Varney-2018	-134.8769488
606143.48	5599750.26	63.32022093	54166.37	53673.26	53506.89	54033.42983	-526.5398294	-320.3698294	Varney-2018	-144.9398294
606142.47	5599751.08	63.26223968	54166.35	53660.83	53494.48	54033.43261	-538.9526094	-332.7826094	Varney-2018	-157.3526094
606141.52	5599750.53	63.18985123	54166.34	53651.45	53485.11	54033.43036	-548.3203564	-342.1503564	Varney-2018	-166.7203564
606140.41	5599751.15	63.12215637	54166.33	53638.96	53472.63	54033.43238	-560.8023803	-354.6323803	Varney-2018	-179.2023803
606138.25	5599751.11	62.97376259	54166.33	53634.63	53468.3	54033.43172	-565.1317218	-358.9617218	Varney-2018	-183.5317218
606139.3	5599752.03	63.05771728	54166.34	53636.12	53469.78	54033.43537	-563.6553689	-357.4853689	Varney-2018	-182.0553689
606138.69	5599753.26	63.03195552	54166.34	53632.04	53465.7	54033.43977	-567.7397727	-361.5697727	Varney-2018	-186.1397727
606138.47	5599754.47	63.03260991	54166.34	53637.19	53470.85	54033.4442	-562.5941952	-356.4241952	Varney-2018	-180.9941952
606138.52	5599755.32	63.04713382	54166.35	53652.42	53486.07	54033.44735	-547.3773487	-341.2073487	Varney-2018	-165.7773487
606138.67	5599757.01	63.07953672	54166.37	53655.66	53489.29	54033.45363	-544.1636289	-337.9936289	Varney-2018	-162.5636289
606137.85	5599756.32	63.01390772	54166.41	53661.74	53495.33	54033.4509	-538.1208975	-331.9508975	Varney-2018	-156.5208975
606136.98	5599756.78	62.96670129	54166.45	53668.58	53502.13	54033.45222	-531.3222237	-325.1522237	Varney-2018	-149.7222237
606137.93	5599757.96	63.04070292	54166.46	53671.01	53504.55	54033.45698	-528.9069807	-322.7369807	Varney-2018	-147.3069807
606138.48	5599758.73	63.08881901	54166.48	53685.55	53519.07	54033.45995	-514.3899459	-308.2199459	Varney-2018	-132.7899459

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606138.1	5599758.55	63.06013719	54166.46	53704.69	53538.23	54033.4592	-495.2291992	-289.0591992	Varney-2018	-113.6291992
606137.83	5599759.51	63.05386532	54166.43	53718.1	53551.67	54033.46269	-481.7926922	-275.6226922	Varney-2018	-100.1926922
606137.67	5599761.18	63.06436969	54166.4	53730.46	53564.06	54033.46884	-469.4088362	-263.2388362	Varney-2018	-87.80883621
606137.85	5599762.19	63.08998933	54166.37	53726.8	53560.43	54033.47261	-473.042609	-266.872609	Varney-2018	-91.44260899
606137.09	5599763.31	63.05643822	54166.36	53726.17	53559.81	54033.47647	-473.6664668	-267.4964668	Varney-2018	-92.06646676
606136.24	5599763.85	63.01768878	54166.34	53720.4	53554.06	54033.47793	-479.417933	-273.247933	Varney-2018	-97.81793302
606135.01	5599764.9	62.96469783	54166.36	53714.6	53548.24	54033.48106	-485.2410588	-279.0710588	Varney-2018	-103.6410588
606135.64	5599765.55	63.00687306	54166.38	53712.66	53546.28	54033.48386	-487.2038607	-281.0338607	Varney-2018	-105.6038607
606136.29	5599766.83	63.05828487	54166.41	53695.69	53529.28	54033.48901	-504.2090055	-298.0390055	Varney-2018	-122.6090055
606135.42	5599767.38	63.0179917	54166.45	53688.53	53522.08	54033.49051	-511.4105121	-305.2405121	Varney-2018	-129.8105121
606134.7	5599768.22	62.98931381	54166.47	53680.95	53514.48	54033.49319	-519.0131907	-312.8431907	Varney-2018	-137.4131907
606134.53	5599768.02	62.9775647	54166.49	53678.33	53511.84	54033.49234	-521.652345	-315.482345	Varney-2018	-140.052345
606133.42	5599768.57	62.92383678	54166.51	53665.84	53499.33	54033.49372	-534.1637153	-327.9937153	Varney-2018	-152.5637153
606131.99	5599769.16	62.85289216	54166.53	53654.59	53488.06	54033.49505	-545.4350473	-339.2650473	Varney-2018	-163.8350473
606130.87	5599769.74	62.79851785	54166.59	53660.38	53493.79	54033.49654	-539.7065356	-333.5365356	Varney-2018	-158.1065356
606130.06	5599770.94	62.7681579	54166.65	53683.94	53517.29	54033.50053	-516.2105294	-310.0405294	Varney-2018	-134.6105294
606129.53	5599772.17	62.7532608	54166.7	53690.82	53524.12	54033.50481	-509.3848091	-303.2148091	Varney-2018	-127.7848091
606128.61	5599772.74	62.70901012	54166.75	53674.67	53507.92	54033.5064	-525.5863989	-319.4163989	Varney-2018	-143.9863989
606127.85	5599774.5	62.68686897	54166.75	53654.86	53488.11	54033.51254	-545.4025412	-339.2325412	Varney-2018	-163.8025412
606126.94	5599775.31	62.6453188	54166.75	53657.91	53491.16	54033.51505	-542.35505	-336.18505	Varney-2018	-160.75505
606125.71	5599775.46	62.57844016	54166.73	53669.8	53503.07	54033.51491	-530.4449059	-324.2749059	Varney-2018	-148.8449059
606124.49	5599775.85	62.51462765	54166.7	53677.03	53510.33	54033.51567	-523.1856712	-317.0156712	Varney-2018	-141.5856712
606122.98	5599776.43	62.43643987	54166.67	53671.32	53504.65	54033.51699	-528.8669907	-322.6969907	Varney-2018	-147.2669907
606120.74	5599776.38	62.31073071	54166.64	53651.79	53485.15	54033.51553	-548.3655257	-342.1955257	Varney-2018	-166.7655257
606116.72	5599776.83	62.09029253	54166.63	53665.44	53498.81	54033.51494	-534.7049414	-328.5349414	Varney-2018	-153.1049414
606114.45	5599775.76	61.95361926	54166.62	53707.63	53541.01	54033.50958	-492.4995822	-286.3295822	Varney-2018	-110.8995822
606113.92	5599776.47	61.93038556	54166.65	53732.61	53565.96	54033.51198	-467.5519809	-261.3819809	Varney-2018	-85.95198092
606113.79	5599776.99	61.92774313	54166.68	53739.45	53572.77	54033.51389	-460.7438863	-254.5738863	Varney-2018	-79.1438863
606114.64	5599778.69	61.9907005	54166.71	53737.79	53571.08	54033.52083	-462.4408332	-256.2708332	Varney-2018	-80.84083315
606114.84	5599780.34	62.01692608	54166.74	53736.86	53570.12	54033.52722	-463.4072181	-257.2372181	Varney-2018	-81.80721813
606114.17	5599780.94	61.98440582	54166.74	53735.04	53568.3	54033.52913	-465.2291311	-259.0591311	Varney-2018	-83.62913114
606112.89	5599781.79	61.91930773	54166.75	53736.14	53569.39	54033.53167	-464.1416669	-257.9716669	Varney-2018	-82.54166694
606112.9	5599783.32	61.93325189	54166.71	53745.86	53579.15	54033.5375	-454.3875026	-248.2175026	Varney-2018	-72.78750263
606112.88	5599784.87	61.94565622	54166.67	53757.04	53590.37	54033.5434	-443.1733984	-237.0033984	Varney-2018	-61.57339843
606112.77	5599785.39	61.94388446	54166.65	53758.54	53591.89	54033.54532	-441.6553218	-235.4853218	Varney-2018	-60.05532177
606111.96	5599786.2	61.90432683	54166.63	53759.95	53593.32	54033.54798	-440.227983	-234.057983	Varney-2018	-58.62798303
606111.32	5599786.61	61.8709646	54166.62	53756.86	53590.24	54033.54921	-443.3092119	-237.1392119	Varney-2018	-61.70921187
606111.43	5599787.31	61.8832483	54166.61	53754.73	53588.12	54033.55194	-445.4319416	-239.2619416	Varney-2018	-63.83194155
606110.89	5599788.68	61.86357447	54166.63	53750.82	53584.19	54033.55689	-449.3668933	-243.1968933	Varney-2018	-67.76689334
606110.02	5599790.25	61.82608961	54166.65	53731.27	53564.62	54033.56245	-468.9424488	-262.7724488	Varney-2018	-87.34244877
606109.2	5599791.82	61.79106575	54166.65	53711.91	53545.26	54033.56804	-488.3080416	-282.1380416	Varney-2018	-106.7080416
606109.84	5599791.16	61.82308744	54166.64	53700.89	53534.25	54033.56584	-499.3158376	-293.1458376	Varney-2018	-117.7158376
606110.5	5599790.52	61.8562979	54166.64	53679.53	53512.89	54033.56372	-520.6737241	-314.5037241	Varney-2018	-139.0737241
606109.6	5599791.02	61.80792591	54166.63	53679.44	53512.81	54033.56518	-520.7551813	-314.5851813	Varney-2018	-139.1551813
606107.86	5599790.12	61.69925345	54166.62	53684.34	53517.72	54033.56085	-515.8408544	-309.6708544	Varney-2018	-134.2408544
606107.66	5599789.51	61.68281941	54166.6	53700.31	53533.71	54033.55841	-499.848414	-293.678414	Varney-2018	-118.248414
606106.06	5599789.14	61.58702312	54166.58	53722.99	53556.41	54033.55618	-477.1461754	-270.9761754	Varney-2018	-95.54617542
606104.1	5599788.59	61.46924609	54166.56	53716.35	53549.79	54033.55305	-483.7630534	-277.5930534	Varney-2018	-102.1630534
606104.9	5599789.3	61.52085801	54166.58	53717.43	53550.85	54033.5562	-482.7061965	-276.5361965	Varney-2018	-101.1061965
606104.36	5599789.55	61.491315	54166.6	53721.29	53554.69	54033.55688	-478.8668825	-272.6968825	Varney-2018	-97.26688246
606103.3	5599790.11	61.43368201	54166.64	53720.24	53553.6	54033.5585	-479.9584995	-273.7884995	Varney-2018	-98.35849945
606101.72	5599790.29	61.34292253	54166.68	53712.88	53546.2	54033.55839	-487.3583917	-281.1883917	Varney-2018	-105.7583917
606100.28	5599790.81	61.26246862	54166.72	53708	53541.28	54033.55967	-492.2796724	-286.1096724	Varney-2018	-110.6796724
606099.81	5599790.48	61.23289798	54166.76	53687.27	53520.51	54033.55816	-513.0481582	-306.8781582	Varney-2018	-131.4481582
606100.04	5599789.69	61.24112491	54166.78	53697.62	53530.84	54033.55522	-502.7152184	-296.5452184	Varney-2018	-121.1152184
606100.61	5599790.24	61.27792945	54166.81	53719.42	53552.61	54033.55764	-480.9476354	-274.7776354	Varney-2018	-99.3476354
606100.27	5599791.03	61.26333596	54166.81	53699.42	53532.61	54033.56052	-500.9505183	-294.7805183	Varney-2018	-119.3505183
606099.96	5599791.73	61.24981773	54166.82	53696.17	53529.35	54033.56307	-504.2130703	-298.0430703	Varney-2018	-122.6130703
606099.51	5599792.84	61.23067003	54166.82	53691.43	53524.61	54033.56714	-508.9571419	-302.7871419	Varney-2018	-127.3571419
606099.42	5599793.8	61.23158001	54166.81	53670.47	53503.66	54033.57081	-529.9108138	-323.7408138	Varney-2018	-148.3108138
606098.03	5599794.46	61.15387975	54166.78	53673.81	53507.03	54033.57269	-526.54269	-320.37269	Varney-2018	-144.94269
606097.5	5599795.91	61.13150853	54166.75	53680.68	53513.93	54033.57806	-519.6480573	-313.4780573	Varney-2018	-138.0480573
606096.64	5599796.47	61.08393623	54166.73	53692.83	53526.1	54033.57982	-507.4798179	-301.3098179	Varney-2018	-125.8798179
606095.84	5599796.16	61.03468252	54166.7	53698.48	53531.78	54033.57823	-501.7982293	-295.6282293	Varney-2018	-120.1982293

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606095.42	5599795.42	61.0055277	54166.67	53724.78	53558.11	54033.57515	-475.4651492	-269.2951492	Varney-2018	-93.86514917
606094.56	5599795.22	60.95355538	54166.63	53734.57	53567.94	54033.57395	-465.6339542	-259.4639542	Varney-2018	-84.03395418
606094.17	5599795.53	60.93223241	54166.63	53735.38	53568.75	54033.57497	-464.8249725	-258.6549725	Varney-2018	-83.22497252
606094.03	5599795.53	60.92395226	54166.63	53733.27	53566.64	54033.5749	-466.9349048	-260.7649048	Varney-2018	-85.33490481
606092.96	5599795.34	60.85965156	54166.65	53739.93	53573.28	54033.57365	-460.2936463	-254.1236463	Varney-2018	-78.69364626
606092.06	5599795.46	60.80707485	54166.67	53747.46	53580.79	54033.57368	-452.7836788	-246.6136788	Varney-2018	-71.18367881
606091.39	5599795.81	60.76923577	54166.71	53745.2	53578.49	54033.57472	-455.0847223	-248.9147223	Varney-2018	-73.48472227
606091.26	5599797	60.76756445	54166.76	53730.65	53563.89	54033.57931	-469.6893104	-263.5193104	Varney-2018	-88.08931038
606091.89	5599797.35	60.80679179	54166.76	53729.24	53562.48	54033.58098	-471.1009778	-264.9309778	Varney-2018	-89.50097776
606091.84	5599797.42	60.80418035	54166.75	53728.47	53561.72	54033.58123	-471.8612274	-265.6912274	Varney-2018	-90.26122738
606092.08	5599798.41	60.82360134	54166.72	53719.74	53553.02	54033.58521	-480.5652069	-274.3952069	Varney-2018	-98.9652069
606091.19	5599799.14	60.77421371	54166.69	53700.31	53533.62	54033.58764	-499.9676413	-293.7976413	Varney-2018	-118.3676413
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606089.22	5599800.3	60.66195976	54166.6	53678.63	53512.03	54033.59126	-521.561265	-315.391265	Varney-2018	-139.961265
606087.71	5599801.05	60.57477084	54166.6	53661.69	53495.09	54033.59351	-538.5035104	-332.3335104	Varney-2018	-156.9035104
606089.48	5599801.28	60.68221202	54166.61	53658.21	53491.6	54033.59522	-541.995223	-335.825223	Varney-2018	-160.395223
606089.1	5599801.19	60.65894318	54166.61	53640.9	53474.29	54033.5947	-559.3046965	-353.1346965	Varney-2018	-177.7046965
606088.05	5599801.7	60.5981343	54166.62	53632.72	53466.1	54033.59622	-567.4962161	-361.3262161	Varney-2018	-185.8962161
606087.29	5599801.66	60.55221186	54166.65	53622.02	53455.37	54033.59571	-578.2257127	-372.0557127	Varney-2018	-196.6257127
606085.84	5599803.27	60.47160665	54166.68	53613.07	53446.39	54033.60138	-587.2113833	-381.0413833	Varney-2018	-205.6113833
606085.14	5599803.63	60.43073187	54166.68	53615.53	53448.85	54033.60249	-584.7524861	-378.5824861	Varney-2018	-203.1524861
606084.88	5599806.26	60.42545488	54166.68	53624.92	53458.24	54033.61272	-575.3727242	-369.2027242	Varney-2018	-193.7727242
606085.08	5599807.98	60.44454705	54166.68	53637.09	53470.41	54033.61958	-563.2095814	-357.0395814	Varney-2018	-181.6095814
606083.28	5599809.93	60.34150011	54166.68	53642.59	53475.91	54033.6265	-557.7165033	-351.5465033	Varney-2018	-176.1165033
606082.37	5599811.53	60.29112988	54166.64	53672.21	53505.57	54033.63244	-528.0624397	-321.8924397	Varney-2018	-146.4624397
606083.11	5599811.8	60.33790265	54166.59	53658.14	53491.55	54033.63381	-542.0838093	-335.9138093	Varney-2018	-160.4838093
606081.79	5599811.39	60.25476482	54166.56	53691.4	53524.84	54033.63165	-508.791648	-302.621648	Varney-2018	-127.191648
606079.62	5599810.9	60.1190585	54166.52	53716.17	53549.65	54033.62881	-483.9788131	-277.8088131	Varney-2018	-102.3788131
606078.42	5599812.47	60.04946696	54166.52	53716.47	53549.95	54033.63454	-483.6845429	-277.5145429	Varney-2018	-102.0845429
606077.16	5599812.97	59.97264696	54166.52	53710.63	53544.11	54033.63602	-489.5260158	-283.3560158	Varney-2018	-107.9260158
606076.11	5599813.35	59.90837547	54166.53	53711.9	53545.37	54033.6371	-488.2671018	-282.0971018	Varney-2018	-106.6671018
606074.3	5599813.72	59.79664441	54166.54	53701.18	53534.64	54033.63785	-498.9978463	-292.8278463	Varney-2018	-117.3978463
606072.38	5599812.4	59.67470501	54166.59	53696.83	53530.24	54033.6318	-503.3918041	-297.2218041	Varney-2018	-121.7918041
606071.5	5599811.97	59.6194019	54166.64	53698.71	53532.07	54033.62973	-501.5597266	-295.3897266	Varney-2018	-119.9597266
606070.76	5599813.39	59.57580269	54166.65	53691.64	53524.99	54033.6351	-508.6451047	-302.4751047	Varney-2018	-127.0451047
606070.4	5599815.06	59.55594529	54166.67	53700.39	53533.72	54033.64164	-499.9216435	-293.7516435	Varney-2018	-118.3216435
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606071.31	5599819.54	59.62026432	54166.65	53694.26	53527.61	54033.65992	-506.0499156	-299.8799156	Varney-2018	-124.4499156
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606070.52	5599821.73	59.57367428	54166.66	53688.64	53521.98	54033.66838	-511.6883831	-305.5183831	Varney-2018	-130.0883831
606071.5	5599822.06	59.63656382	54166.7	53689.49	53522.79	54033.67006	-510.8800603	-304.7100603	Varney-2018	-129.2800603
606071.58	5599824.31	59.64551394	54166.74	53688.11	53521.37	54033.67908	-512.3090827	-306.1390827	Varney-2018	-130.7090827
606071.75	5599825.96	59.6592772	54166.77	53686.75	53519.98	54033.68574	-513.7057366	-307.5357366	Varney-2018	-132.1057366
606072.31	5599828.48	59.66151746	54166.8	53691.69	53524.89	54033.69701	-508.8070139	-302.6370139	Varney-2018	-127.2070139
606071.73	5599830.27	59.59757468	54166.83	53684.34	53517.51	54033.70476	-516.1947558	-310.0247558	Varney-2018	-134.5947558
606072.49	5599832.34	59.61837369	54166.86	53683.21	53516.35	54033.71413	-517.364132	-311.194132	Varney-2018	-135.764132
606072.35	5599833	59.59956799	54166.89	53674.74	53507.85	54033.71701	-525.8670116	-319.6970116	Varney-2018	-144.2670116
606072.19	5599834.22	59.57129604	54166.92	53671.66	53504.74	54033.72237	-528.9823651	-322.8123651	Varney-2018	-147.3823651
606071.78	5599834.73	59.53609643	54166.93	53677.48	53510.55	54033.72452	-523.174519	-317.004519	Varney-2018	-141.574519
606072.26	5599835.08	59.56372393	54166.94	53670.48	53503.54	54033.72619	-530.1861862	-324.0161862	Varney-2018	-148.5861862
606072.69	5599837.45	59.55951636	54166.93	53672.03	53505.1	54033.73676	-528.6367612	-322.4667612	Varney-2018	-147.0367612
606071.92	5599838.45	59.49180229	54166.91	53674.77	53507.86	54033.74102	-525.8810196	-319.7110196	Varney-2018	-144.2810196
606071.68	5599839.88	59.45427178	54166.87	53672.15	53505.28	54033.7473	-528.4673034	-322.2973034	Varney-2018	-146.8673034
606071.51	5599840.13	59.43868072	54166.83	53667.26	53500.43	54033.74838	-533.3183787	-327.1483787	Varney-2018	-151.7183787
606071.86	5599841.66	59.44110962	54166.78	53665.67	53498.89	54033.75522	-534.8652177	-328.6952177	Varney-2018	-153.2652177
606071.18	5599842.96	59.37365872	54166.72	53666.14	53499.42	54033.76087	-534.3408666	-328.1708666	Varney-2018	-152.7408666
606071.2	5599843.72	59.36386231	54166.7	53668.92	53502.22	54033.76424	-531.5442399	-325.3742399	Varney-2018	-149.9442399
606070.97	5599846.1	59.31195839	54166.67	53671.09	53504.42	54033.77477	-529.3547659	-323.1847659	Varney-2018	-147.7547659
606071.11	5599846.93	59.30986117	54166.7	53664.33	53497.63	54033.77846	-536.1484642	-329.9784642	Varney-2018	-154.5484642
606070.68	5599848.87	59.2493142	54166.74	53669.99	53503.25	54033.78703	-530.5370303	-324.3670303	Varney-2018	-148.9370303
606070.97	5599849.07	59.26779822	54166.81	53672.34	53505.53	54033.78794	-528.2579436	-322.0879436	Varney-2018	-146.6579436
606070.12	5599851.12	59.17361342	54166.89	53669.45	53502.56	54033.79698	-531.2369847	-325.0669847	Varney-2018	-149.6369847
606069.73	5599852.21	59.12760491	54166.93	53676.98	53510.05	54033.80181	-523.751811	-317.581811	Varney-2018	-142.151811
606069.62	5599853.09	59.10572216	54166.98	53677.74	53510.76	54033.80572	-523.0457232	-316.8757232	Varney-2018	-141.4457232

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606069.57	5599854	59.08786272	54166.98	53677.73	53510.75	54033.80977	-523.059773	-316.889773	Varney-2018	-141.459773
606069.16	5599854.74	59.04506417	54166.98	53680.31	53513.33	54033.81306	-520.4830583	-314.3130583	Varney-2018	-138.8830583
606069.14	5599856.25	59.01991182	54166.94	53689.79	53522.85	54033.81979	-510.9697887	-304.7997887	Varney-2018	-129.3697887
606069.19	5599856.63	59.01783105	54166.89	53693.71	53526.82	54033.82148	-507.0014826	-300.8314826	Varney-2018	-125.4014826
606068.47	5599858	58.94036751	54166.85	53687.14	53520.29	54033.8276	-513.537598	-307.367598	Varney-2018	-131.937598
606067.15	5599859.67	58.81005676	54166.81	53682.1	53515.29	54033.8351	-518.5450966	-312.3750966	Varney-2018	-136.9450966
606067.59	5599863.24	58.7864324	54166.79	53682.8	53516.01	54033.85106	-517.8410581	-311.6710581	Varney-2018	-136.2410581
606069.05	5599865.4	58.86947762	54166.76	53684.83	53518.07	54033.86058	-515.7905835	-309.6205835	Varney-2018	-134.1905835
606069.2	5599868.51	58.83305274	54166.77	53693.37	53526.6	54033.87443	-507.2744298	-301.1044298	Varney-2018	-125.6744298
606069.34	5599871.63	58.7960313	54166.79	53699.88	53533.09	54033.88831	-500.7983118	-294.6283118	Varney-2018	-119.1983118
606071.73	5599872.8	58.97890365	54166.81	53707.08	53540.27	54033.8931	-493.6230956	-287.4530956	Varney-2018	-112.0230956
606072.65	5599875.09	59.02388646	54166.83	53710.25	53543.42	54033.90305	-490.4830479	-284.3130479	Varney-2018	-108.8830479
606073.21	5599877.32	59.04050353	54166.84	53716.39	53549.55	54033.91277	-484.3627711	-278.1927711	Varney-2018	-102.7627711
606073.83	5599878.59	59.07650909	54166.86	53720.91	53554.05	54033.91822	-479.8682224	-273.6982224	Varney-2018	-98.26822243
606074.82	5599880.56	59.13615183	54166.86	53727.26	53560.4	54033.92664	-473.5266358	-267.3566358	Varney-2018	-91.9266358
606075.35	5599881.74	59.16712988	54166.87	53733.39	53566.52	54033.93167	-467.4116719	-261.2416719	Varney-2018	-85.81167191
606076.4	5599882.98	59.24386278	54166.88	53717.71	53550.83	54033.9368	-483.1068041	-276.9368041	Varney-2018	-101.5068041
606077.77	5599884.71	59.34429634	54166.9	53700.06	53533.16	54033.94395	-500.783945	-294.613945	Varney-2018	-119.183945
606077.53	5599886.58	59.30028693	54166.92	53702.65	53535.73	54033.95218	-498.2221793	-292.0521793	Varney-2018	-116.6221793
606079.13	5599890.47	59.39985328	54166.94	53714.38	53547.44	54033.96855	-486.528547	-280.358547	Varney-2018	-104.928547
606079.22	5599893.39	59.37489047	54166.97	53722.8	53555.83	54033.9812	-478.1511978	-271.9811978	Varney-2018	-96.55119779
606079.14	5599895.84	59.3395154	54167.01	53714.54	53547.53	54033.99188	-486.461876	-280.291876	Varney-2018	-104.861876
606079.67	5599898.11	59.36389671	54167.04	53699.37	53532.33	54034.00149	-501.6714932	-295.5014932	Varney-2018	-120.0714932
606079.96	5599900.39	59.36619036	54167.07	53688.82	53521.75	54034.01124	-512.2612443	-306.0912443	Varney-2018	-130.6612443
606080.76	5599902.41	59.41637377	54167.09	53675.98	53508.89	54034.01972	-525.1297207	-318.9597207	Varney-2018	-143.5297207
606081.68	5599904.44	59.45942356	54167.12	53671.65	53504.53	54034.02867	-529.498673	-323.328673	Varney-2018	-147.898673
606082.06	5599907.16	59.43474627	54167.15	53673.47	53506.32	54034.0411	-527.721103	-321.551103	Varney-2018	-146.121103
606082.17	5599909.3	59.3970908	54167.19	53680.17	53512.98	54034.05098	-521.0709785	-314.9009785	Varney-2018	-139.4709785
606082.71	5599912.1	59.38582498	54167.23	53671.07	53503.84	54034.0637	-530.2237045	-324.0537045	Varney-2018	-148.6237045
606057.44	5599881.86	57.03265348	54167.27	53652.57	53485.3	54033.95202	-548.6520225	-342.4820225	Varney-2018	-167.0520225
606054.98	5599878.74	56.55522252	54167.27	53675.54	53508.27	54033.94703	-525.6770271	-319.5070271	Varney-2018	-144.0770271
606053.45	5599880.51	56.16889718	54167.28	53696.02	53528.74	54033.96129	-505.2212911	-299.0512911	Varney-2018	-123.6212911
606051.93	5599881.26	55.80788253	54167.27	53699.78	53532.51	54033.97078	-501.4607809	-295.2907809	Varney-2018	-119.8607809
606050.41	5599882.02	55.44459076	54167.25	53703.25	53536	54033.98037	-497.9803715	-291.8103715	Varney-2018	-116.3803715
606048.03	5599883.62	54.8591335	54167.25	53710.29	53543.04	54033.99749	-490.9574867	-284.7874867	Varney-2018	-109.3574867
606047.68	5599883.39	54.78687783	54167.24	53739.96	53572.72	54033.99776	-461.2777555	-255.1077555	Varney-2018	-79.67775546
606047.2	5599883.68	54.66901963	54167.26	53769.96	53602.7	54034.00107	-431.3010694	-225.1310694	Varney-2018	-49.70106936
606046.59	5599884.11	54.51692982	54167.28	53782.05	53614.77	54034.00559	-419.2355905	-213.0655905	Varney-2018	-37.63559053
606046.3	5599884.24	54.44685752	54167.29	53810.13	53642.84	54034.00738	-391.1673798	-184.9973798	Varney-2018	-9.567379844
606046.3	5599884.24	54.44685752	54167.3	53830.28	53662.98	54034.00738	-371.0273798	-164.8573798	Varney-2018	10.57262016
606046.3	5599884.24	54.44685752	54167.3	53841.74	53674.44	54034.00738	-359.5673798	-153.3973798	Varney-2018	22.03262016
606046.3	5599884.24	54.44685752	54167.31	53851.2	53683.89	54034.00738	-350.1173798	-143.9473798	Varney-2018	31.48262016
606046.3	5599884.24	54.44685752	54167.33	53853.99	53686.66	54034.00738	-347.3473798	-141.1773798	Varney-2018	34.25262016
606046.3	5599884.24	54.44685752	54167.35	53854.12	53686.77	54034.00738	-347.2373798	-141.0673798	Varney-2018	34.36262016
606046.3	5599884.24	54.44685752	54167.35	53856.71	53689.36	54034.00738	-344.6473798	-138.4773798	Varney-2018	36.95262016
606046.3	5599884.24	54.44685752	54167.34	53860.29	53692.95	54034.00738	-341.0573798	-134.8873798	Varney-2018	40.54262016
606046.3	5599884.24	54.44685752	54167.31	53861.71	53694.4	54034.00738	-339.6073798	-133.4373798	Varney-2018	41.99262016
606046.3	5599884.24	54.44685752	54167.27	53851.28	53684.01	54034.00738	-349.9973798	-143.8273798	Varney-2018	31.60262016
606046.3	5599884.24	54.44685752	54167.28	53850.72	53683.44	54034.00738	-350.5673798	-144.3973798	Varney-2018	31.03262016
606046.3	5599884.24	54.44685752	54167.29	53841.96	53674.67	54034.00738	-359.3373798	-153.1673798	Varney-2018	22.26262016
606046.3	5599884.24	54.44685752	54167.35	53834.64	53667.29	54034.00738	-366.7173798	-160.5473798	Varney-2018	14.88262016
606046.3	5599884.24	54.44685752	54167.41	53835.03	53667.62	54034.00738	-366.3873798	-160.2173798	Varney-2018	15.21262016
606046.3	5599884.24	54.44685752	54167.49	53825.96	53658.47	54034.00738	-375.5373798	-169.3673798	Varney-2018	6.062620156
606046.3	5599884.24	54.44685752	54167.58	53813.92	53646.34	54034.00738	-387.6673798	-181.4973798	Varney-2018	-6.067379844
606046.3	5599884.24	54.44685752	54167.63	53814.72	53647.09	54034.00738	-386.9173798	-180.7473798	Varney-2018	-5.317379844
605540.73	5601930.7	104.4050793	54177.8	51183.74	51005.94	54040.41835	-3034.478346	-2828.308346	Varney-2018	-2652.878346
605541.08	5601930.82	103.949106	54177.91	51517.7	51339.79	54040.44721	-2700.657209	-2494.487209	Varney-2018	-2319.057209
605542.38	5601926.17	103.949106	54177.85	52257.7	52079.85	54040.44721	-1960.597209	-1754.427209	Varney-2018	-1578.997209
605540.79	5601920.69	103.949106	54177.64	52340.82	52163.18	54040.44721	-1877.267209	-1671.097209	Varney-2018	-1495.667209
605538.31	5601920.97	104.0017362	54177.41	51902.81	51725.4	54040.44185	-2315.041853	-2108.871853	Varney-2018	-1933.441853
605533.94	5601915.99	104.7062119	54177.36	52256.56	52079.2	54040.39407	-1961.194075	-1755.024075	Varney-2018	-1579.594075
605537.99	5601915.63	104.6046327	54177.23	52716.7	52539.47	54040.40363	-1500.93363	-1294.76363	Varney-2018	-1119.33363
605540.73	5601916.57	104.4050793	54177.09	53288.16	53111.07	54040.41835	-929.3483456	-723.1783456	Varney-2018	-547.7483456
605546.22	5601914.79	104.4077048	54176.97	53779.59	53602.62	54040.42236	-437.8023555	-231.6323555	Varney-2018	-56.20235554

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605547.66	5601910.37	104.8360963	54177.01	53907.96	53730.95	54040.39609	-309.4460915	-103.2760915	Varney-2018	72.15390852
605553.69	5601902.71	105.4352498	54177.01	53913.46	53736.45	54040.36163	-303.9116314	-97.74163138	Varney-2018	77.68836862
605550.7	5601899.98	105.8437145	54176.86	53966.24	53789.38	54040.33363	-250.9536288	-44.78362879	Varney-2018	130.6463712
605551.62	5601899.99	105.8067188	54176.86	54050.19	53873.33	54040.33654	-167.0065393	39.16346071	Varney-2018	214.5934607
605557.24	5601895.44	106.0693521	54176.75	54104.29	53927.54	54040.32273	-112.7827285	93.3872715	Varney-2018	268.8172715
605563.06	5601891.66	106.2301599	54176.53	54175.95	53999.42	54040.31514	-40.89514019	165.2748598	Varney-2018	340.7048598
605562.78	5601884.2	107.0214433	54176.53	54184.53	54008	54040.26344	-32.26343741	173.9065626	Varney-2018	349.3365626
605558.54	5601880	107.6477341	54176.4	54206.24	54029.84	54040.22115	-10.38115158	195.7888484	Varney-2018	371.2188484
605568.7	5601875.42	107.6707159	54176.54	54203.81	54027.27	54040.2229	-12.95289754	193.2171025	Varney-2018	368.6471025
605570.35	5601870.56	107.6893313	54176.48	54136.58	53960.1	54040.20616	-80.10616031	126.0638397	Varney-2018	301.4938397
605576.59	5601867.13	107.4706092	54176.49	54061.18	53884.69	54040.21092	-155.5209183	50.64908173	Varney-2018	226.0790817
605579.8	5601862.63	107.4093407	54176.5	54042.92	53866.42	54040.20096	-173.7809569	32.38904314	Varney-2018	207.8190431
605584.06	5601858.6	107.2911935	54176.56	54010.26	53833.7	54040.19656	-206.4965583	-0.326558336	Varney-2018	175.1034417
605584.11	5601852.26	107.4077983	54176.63	53950.61	53773.98	54040.16796	-266.1879587	-60.01795872	Varney-2018	115.4120413
605592.23	5601850.2	107.0762267	54176.72	54063.25	53886.53	54040.1851	-153.6551035	52.51489648	Varney-2018	227.9448965
605589.05	5601846.24	107.2952736	54176.67	54037.52	53860.85	54040.15677	-179.3067688	26.86323121	Varney-2018	202.2932312
605592.78	5601840.64	107.2296235	54176.49	54060.27	53883.78	54040.14355	-156.3635478	49.80645223	Varney-2018	225.2364522
605591.77	5601834.39	107.3925006	54176.42	54085.71	53909.29	54040.11191	-130.8219079	75.34809209	Varney-2018	250.7780921
605594.34	5601830.22	107.3527328	54176.4	54115.52	53939.12	54040.1014	-100.981395	105.188605	Varney-2018	280.618605
605599.39	5601821.98	107.274854	54176.37	54152.42	53976.05	54040.08054	-64.03054431	142.1394557	Varney-2018	317.5694557
605603.16	5601817.61	107.1831184	54176.36	54133.25	53956.89	54040.07307	-83.18306556	122.9869344	Varney-2018	298.4169344
605607.44	5601816.36	106.7716918	54176.44	54190.39	54013.95	54040.08772	-26.13771877	180.0322812	Varney-2018	355.4622812
605607.55	5601810.69	106.8495883	54176.5	54265.96	54089.46	54040.06298	49.39702471	255.5670247	Varney-2018	430.9970247
605605.25	5601805.52	107.3114604	54176.47	54290.22	54113.75	54040.02512	73.72488403	279.894884	Varney-2018	455.324884
605611.97	5601802.21	105.9943772	54176.39	54257.86	54081.47	54040.06049	41.40951219	247.5795122	Varney-2018	423.0095122
605615.09	5601798.71	105.2775763	54176.16	54243.24	54067.08	54040.07177	27.00822541	233.1782254	Varney-2018	408.6082254
605618.53	5601793.22	104.1636589	54176.04	54243.98	54067.94	54040.08622	27.85378264	234.0237826	Varney-2018	409.4537826
605624.91	5601793.13	102.7026807	54176.02	54202.73	54026.71	54040.13772	-13.42771584	192.7422842	Varney-2018	368.1722842
605622.59	5601792.41	103.1895979	54175.9	54157.03	53981.13	54040.11713	-58.9871254	147.1828746	Varney-2018	322.6128746
605627.35	5601784.61	101.6498504	54175.83	54103.03	53927.2	54040.13625	-112.9362461	93.23375392	Varney-2018	268.6637539
605624.48	5601779.21	101.9846657	54175.85	54099.28	53923.43	54040.09966	-116.6696588	89.50034116	Varney-2018	264.9303412
605631.46	5601774.24	100.1190364	54175.51	54133.52	53958.01	54040.14341	-82.13341446	124.0365855	Varney-2018	299.4665855
605636.68	5601771.89	98.80793405	54175.65	54074.64	53898.99	54040.17943	-141.1894263	64.98057371	Varney-2018	240.4105737
605637.78	5601763.02	98.05651455	54175.62	54091.94	53916.32	54040.16579	-123.8457942	82.32420583	Varney-2018	257.7542058
605640.22	5601757.73	97.21139566	54175.56	54085.1	53909.54	54040.17186	-130.6318594	75.53814055	Varney-2018	250.9681406
605641.88	5601756.43	96.76772303	54175.4	54045.54	53870.14	54040.18179	-170.0417883	36.12821166	Varney-2018	211.5582117
605639.94	5601746.82	96.6576409	54175.35	54004.79	53829.44	54040.14191	-210.7019093	-4.531909287	Varney-2018	170.8980907
605648.78	5601744.44	94.56598614	54175.39	53992.03	53816.64	54040.20594	-223.565942	-17.39594198	Varney-2018	158.034058
605651.84	5601743.61	93.84297347	54175.23	53990.14	53814.91	54040.22806	-225.3180552	-19.14805519	Varney-2018	156.2819448
605656.55	5601741.82	92.70371081	54175.24	53979.38	53804.14	54040.26072	-236.1207225	-29.95072248	Varney-2018	145.4792775
605662.55	5601742.94	91.43721568	54175.21	53998.88	53823.67	54040.31117	-216.6411682	-10.47116823	Varney-2018	164.9588318
605664.99	5601738.32	90.65257363	54175.2	54020.68	53845.48	54040.31834	-194.838335	11.33166499	Varney-2018	186.761665
605667.63	5601733.59	89.82128278	54174.99	54057.18	53882.19	54040.32671	-158.1367058	48.03329424	Varney-2018	223.4632942
605668.07	5601729.59	89.51418088	54174.98	54088.3	53913.32	54040.3196	-126.9996003	79.17039972	Varney-2018	254.6003997
605670.15	5601728.07	88.9784481	54174.8	54110.87	53936.07	54040.33195	-104.2619454	101.9080546	Varney-2018	277.3380546
605671.38	5601723.54	88.47251121	54174.8	54111.75	53936.95	54040.3296	-103.3795966	102.7904034	Varney-2018	278.2204034
605674.98	5601724.06	87.71299448	54174.89	54108.04	53933.15	54040.35924	-107.20924	98.96076	Varney-2018	274.39076
605678.25	5601719.78	86.77178452	54174.86	54117.42	53942.56	54040.37364	-97.81363819	108.3563618	Varney-2018	283.7863618
605682.8	5601719.32	86.00083807	54174.86	54150.66	53975.8	54040.40158	-64.6015763	141.5684237	Varney-2018	316.9984237
605687.27	5601718.96	86.34798706	54174.78	54161.1	53986.32	54040.40009	-54.08008578	152.0899142	Varney-2018	327.5199142
605690.15	5601713.24	86.34832384	54174.77	54208.93	54034.16	54040.38288	-6.22288301	199.947117	Varney-2018	375.377117
605689.99	5601703.56	85.93449519	54174.66	54274.13	54099.47	54040.35443	59.11556605	265.285566	Varney-2018	440.715566
605695.51	5601696.66	86.25456887	54174.58	54288.31	54113.73	54040.3294	73.40060071	279.5706007	Varney-2018	455.0006007
605697.82	5601691.37	86.34111102	54174.6	54281.88	54107.28	54040.31048	66.96952414	273.1395241	Varney-2018	448.5695241
605698.85	5601685.94	86.29677534	54174.54	54299.56	54125.02	54040.29183	84.72816767	290.8981677	Varney-2018	466.3281677
605700.16	5601683.85	86.3981801	54174.45	54353.33	54178.88	54040.28339	138.5966119	344.7666119	Varney-2018	520.1966119
605701.77	5601681.66	86.54223823	54174.38	54376.37	54201.99	54040.27402	161.7159762	367.8859762	Varney-2018	543.3159762
605702.75	5601681.9	86.67408896	54174.3	54332.5	54158.2	54040.27351	117.9264938	324.0964938	Varney-2018	499.5264938
605706.21	5601675.52	86.98308161	54174.27	54254.13	54079.86	54040.24664	39.61336246	245.7833625	Varney-2018	421.2133625
605706.23	5601671.18	86.89474405	54174.24	54199.72	54025.48	54040.23149	-14.75149135	191.4185087	Varney-2018	366.8485087
605707.12	5601669.42	86.98565589	54174.16	54197.37	54023.21	54040.2238	-17.0137964	189.1562036	Varney-2018	364.5862036
605712.44	5601668.97	87.74386598	54174.01	54262.54	54088.53	54040.21278	48.31722037	254.4872204	Varney-2018	429.9172204
605710.53	5601665.04	87.40711075	54173.82	54315.83	54142.01	54040.20192	101.8080803	307.9780803	Varney-2018	483.4080803
605711.06	5601659.93	87.40978118	54173.67	54347.19	54173.52	54040.1823	133.3377049	339.5077049	Varney-2018	514.9377049

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605714.09	5601660.77	87.89032256	54173.56	54361.86	54188.3	54040.17916	148.1208434	354.2908434	Varney-2018	529.7208434
605718.87	5601659.31	88.62103916	54173.48	54367.74	54194.26	54040.16368	154.0963189	360.2663189	Varney-2018	535.6963189
605719.99	5601656.44	88.78522022	54173.42	54406.62	54233.2	54040.15003	193.0499698	399.2199698	Varney-2018	574.6499698
605726.67	5601648.23	89.89063765	54173.34	54483.34	54310	54040.10125	269.8987544	476.0687544	Varney-2018	651.4987544
605728.61	5601643.38	90.54502502	54173.38	54502.97	54329.59	54040.06827	289.5217278	495.6917278	Varney-2018	671.1217278
605735.75	5601640.96	92.02519187	54173.3	54494.23	54320.93	54040.03388	280.8961236	487.0661236	Varney-2018	662.4961236
605736.41	5601636.31	92.55166854	54173.31	54500.35	54327.04	54040.00248	287.0375223	493.2075223	Varney-2018	668.6375223
605740.65	5601633.39	93.63319685	54173.37	54550.79	54377.42	54039.97069	337.4493125	543.6193125	Varney-2018	719.0493125
605741.99	5601629.86	94.23598137	54173.28	54565.32	54392.04	54039.94318	352.0968161	558.2668161	Varney-2018	733.6968161
605747.55	5601628.41	95.50666669	54173.36	54592.73	54419.37	54039.91502	379.4549781	585.6249781	Varney-2018	761.0549781
605750.81	5601628.48	96.16162035	54173.22	54630.47	54457.25	54039.90462	417.3453829	623.5153829	Varney-2018	798.9453829
605750.04	5601621.12	96.81727269	54173.25	54620.57	54447.32	54039.85591	407.4640914	613.6340914	Varney-2018	789.0640914
605752.43	5601618.16	97.67106484	54173.14	54587.41	54414.27	54039.8262	374.4437976	580.6137976	Varney-2018	756.0437976
605757.07	5601613.25	99.29450264	54172.99	54602.44	54429.45	54039.77282	389.6771847	595.8471847	Varney-2018	771.2771847
605757.03	5601607.91	99.93747927	54173.02	54522.33	54349.31	54039.7341	309.5758988	515.7458988	Varney-2018	691.1758988
605760.16	5601604.08	100.9460852	54172.87	54551.71	54378.84	54039.69829	339.1417084	545.3117084	Varney-2018	720.7417084
605762.54	5601598.46	102.0149939	54172.95	54562.82	54389.87	54039.65211	350.2178882	556.3878882	Varney-2018	731.8178882
605765.26	5601593.51	103.078597	54172.82	54544.57	54371.75	54039.60948	332.1405229	538.3105229	Varney-2018	713.7405229
605766.1	5601587.18	104.0495659	54172.84	54507.84	54335	54039.55987	295.440133	501.610133	Varney-2018	677.040133
605766.04	5601582.95	104.6002547	54172.82	54509.93	54337.11	54039.52804	297.5819555	503.7519555	Varney-2018	679.1819555
605770.19	5601577.48	106.0489784	54172.78	54597.83	54425.05	54039.47603	385.5739746	591.7439746	Varney-2018	767.1739746
605776.24	5601572.7	107.7911295	54172.82	54607.68	54434.86	54039.42291	395.4370924	601.6070924	Varney-2018	777.0370924
605779.88	5601571.11	108.6141715	54172.77	54649.63	54476.86	54039.40212	437.4578828	643.6278828	Varney-2018	819.0578828
605780.17	5601567.33	108.8647115	54172.81	54646.57	54473.76	54039.3808	434.379205	640.549205	Varney-2018	815.979205
605784.65	5601563.2	109.8975343	54172.68	54632.73	54460.05	54039.3459	420.7040981	626.8740981	Varney-2018	802.3040981
605787.07	5601558.91	110.5687529	54172.78	54585.87	54413.09	54039.31573	373.7742709	579.9442709	Varney-2018	755.3742709
605792.05	5601554.45	111.7235287	54172.81	54520.63	54347.82	54039.27729	308.5427068	514.7127068	Varney-2018	690.1427068
605797.12	5601552.77	112.7487276	54172.55	54497.3	54324.75	54039.25371	285.4962898	491.6662898	Varney-2018	667.0962898
605803.13	5601549.66	114.0313239	54172.58	54484.75	54312.17	54039.21945	272.9505498	479.1205498	Varney-2018	654.5505498
605808.06	5601547.65	115.057411	54172.49	54515.56	54343.07	54039.19422	303.8757768	510.0457768	Varney-2018	685.4757768
605810.01	5601542.46	115.7184999	54172.52	54514.69	54342.17	54039.15972	303.0102812	509.1802812	Varney-2018	684.6102812
605813.15	5601534.29	116.7798344	54172.33	54505.84	54333.51	54039.105	294.4050012	500.5750012	Varney-2018	676.0050012
605817.19	5601530.59	117.7561744	54172.39	54495.27	54322.88	54039.07244	283.8075618	489.9775618	Varney-2018	665.4075618
605821.55	5601525.23	118.8979059	54172.3	54475.9	54303.6	54039.02944	264.5705599	470.7405599	Varney-2018	646.1705599
605821.31	5601519.77	119.1795975	54172.13	54507.35	54335.22	54038.99942	296.220583	502.390583	Varney-2018	677.820583
605824.92	5601516.18	120.0834144	54172.05	54563.55	54391.5	54038.96834	352.5316576	558.7016576	Varney-2018	734.1316576
605822.64	5601509.79	120.0327576	54171.96	54583.2	54411.24	54038.93919	372.3008062	578.4708062	Varney-2018	753.9008062
605822.42	5601503.45	120.3716124	54171.84	54568.55	54396.71	54038.90414	357.80586	563.97586	Varney-2018	739.40586
605823.39	5601497.46	120.9200348	54171.88	54523.69	54351.81	54038.86738	312.9426182	519.1126182	Varney-2018	694.5426182
605827.31	5601492.87	121.822649	54171.81	54536.52	54364.71	54038.83294	325.8770643	532.0470643	Varney-2018	707.4770643
605828.72	5601485.89	122.1935823	54171.62	54524.76	54353.14	54038.79779	314.3422092	520.5122092	Varney-2018	695.9422092
605833.47	5601482.09	123.1266066	54171.6	54512.94	54341.34	54038.76743	302.5725673	508.7425673	Varney-2018	684.1725673
605835.21	5601477.01	123.8035603	54171.58	54469.77	54298.19	54038.73252	259.4574796	465.6274796	Varney-2018	641.0574796
605840.65	5601470.66	125.9935899	54171.43	54427.8	54256.37	54038.65992	217.7100757	423.8800757	Varney-2018	599.3100757
605847.74	5601467.03	128.7590161	54171.4	54394.5	54223.1	54038.58644	184.5135647	390.6835647	Varney-2018	566.1135647
605850.82	5601465.2	129.942846	54171.35	54369.04	54197.69	54038.55395	159.136047	365.306047	Varney-2018	540.736047
605855.23	5601460.84	131.6000225	54171.2	54317.49	54146.29	54038.50142	107.7885796	313.9585796	Varney-2018	489.3885796
605858.69	5601458.01	132.881682	54170.98	54320.39	54149.41	54038.46308	110.9469174	317.1169174	Varney-2018	492.5469174
605862.36	5601455.08	134.2211006	54171.02	54364.61	54193.59	54038.42324	155.1667608	361.3367608	Varney-2018	536.7667608
605865.02	5601453.47	135.1889443	54170.95	54418.35	54247.4	54038.39651	209.0034855	415.1734855	Varney-2018	590.6034855
605871.57	5601451.71	137.5949004	54170.86	54418.99	54248.13	54038.33901	209.7909905	415.9609905	Varney-2018	591.3909905
605871.98	5601445.49	137.5785571	54170.76	54384.96	54214.2	54038.31516	175.884842	382.054842	Varney-2018	557.484842
605872.88	5601439.39	137.7371026	54170.54	54396.21	54225.67	54038.28816	187.3818436	393.5518436	Varney-2018	568.9818436
605871.28	5601431.13	136.9413721	54170.47	54396.1	54225.63	54038.27262	187.3573817	393.5273817	Varney-2018	568.9573817
605869.12	5601425.74	136.0491531	54170.41	54339.75	54169.34	54038.27008	131.0699152	337.2399152	Varney-2018	512.6699152
605873.24	5601421.49	137.3575817	54170.52	54394.56	54224.04	54038.22665	185.8133451	391.9833451	Varney-2018	567.4133451
605872.71	5601416.47	137.0841298	54170.49	54354.13	54183.64	54038.21254	145.4274566	351.5974566	Varney-2018	527.0274566
605873.7	5601413.16	137.3689516	54170.55	54304.95	54134.4	54038.19365	96.20635349	302.3763535	Varney-2018	477.8063535
605876.46	5601409.76	138.2347805	54170.41	54291.65	54121.24	54038.1626	83.07739725	289.2473973	Varney-2018	464.6773973
605882.21	5601405.76	140.0554325	54170.48	54289.33	54118.85	54038.10994	80.74006282	286.9100628	Varney-2018	462.3400628
605887.75	5601405.1	141.8589673	54170.19	54316.05	54145.86	54038.07079	107.7892125	313.9592125	Varney-2018	489.3892125
605894.67	5601399.12	143.9307634	54169.94	54364.98	54195.04	54038.00586	157.0341391	363.2041391	Varney-2018	538.6341391
605898.48	5601393.08	144.9398386	54170.04	54359.44	54189.4	54037.96251	151.4374935	357.6074935	Varney-2018	533.0374935
605898.13	5601392.63	144.8122525	54170.06	54357.96	54187.9	54037.96336	149.9366444	356.1066444	Varney-2018	531.5366444

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605900.03	5601389.99	145.3147996	54169.97	54322.03	54152.06	54037.94326	114.116744	320.286744	Varney-2018	495.716744
605901.24	5601386.35	145.5537029	54170.13	54337.04	54166.91	54037.9247	128.9853041	335.1553041	Varney-2018	510.5853041
605904.33	5601380.51	146.2733583	54170.06	54320.71	54150.65	54037.88835	112.7616491	318.9316491	Varney-2018	494.3616491
605909.37	5601376.28	147.6242205	54170.01	54306.99	54136.98	54037.84576	99.13423597	305.304236	Varney-2018	480.734236
605913.19	5601373.24	147.9931674	54169.88	54273.97	54104.09	54037.83153	66.25846608	272.4284661	Varney-2018	447.8584661
605913.82	5601366.8	147.7553877	54169.46	54247.21	54077.75	54037.81312	39.93688003	246.10688	Varney-2018	421.53688
605918.79	5601362.79	148.1208266	54169.43	54112.35	53942.92	54037.79742	-94.87742455	111.2925755	Varney-2018	286.7225755
605923.37	5601360.43	148.5115934	54169.4	54251.73	54082.33	54037.78692	44.54307775	250.7130777	Varney-2018	426.1430777
605924.74	5601355.79	148.4157017	54169.54	54401.72	54232.18	54037.77353	194.4064662	400.5764662	Varney-2018	576.0064662
605929.86	5601351.22	148.7193253	54169.23	54451.02	54281.79	54037.75752	244.032476	450.202476	Varney-2018	625.632476
605933.64	5601346.85	148.8717304	54169.41	54404.73	54235.32	54037.74358	197.5764157	403.7464157	Varney-2018	579.1764157
605937.67	5601343.7	149.1044422	54169.32	54382.03	54212.71	54037.73296	174.9770446	381.1470446	Varney-2018	556.5770446
605939.06	5601341.5	149.1015018	54169.42	54374.52	54205.1	54037.727	167.3730014	373.5430014	Varney-2018	548.9730014
605942.98	5601336.69	149.1768388	54169.3	54367.29	54197.99	54037.71361	160.2763865	366.4463865	Varney-2018	541.8763865
605947.22	5601333.88	149.4102283	54169.33	54405.57	54236.24	54037.70477	198.5352289	404.7052289	Varney-2018	580.1352289
605953.48	5601329.23	149.7037198	54169.15	54439.72	54270.57	54037.69105	232.8789536	439.0489536	Varney-2018	614.4789536
605956.98	5601331.3	150.1999991	54169.12	54501.45	54332.33	54037.69342	294.6365759	500.8065759	Varney-2018	676.2365759
605960.59	5601327.92	150.3075425	54169.06	54449.34	54280.28	54037.68433	242.5956749	448.7656749	Varney-2018	624.1956749
605962.03	5601323.28	150.1019669	54168.86	54412.84	54243.98	54037.67399	206.3060097	412.4760097	Varney-2018	587.9060097
605960.3	5601318.02	149.5448171	54169.03	54438.94	54269.91	54037.66397	232.2460267	438.4160267	Varney-2018	613.8460267
605960.84	5601312.02	149.1498398	54168.8	54429.08	54260.28	54037.65132	222.6286775	428.7986775	Varney-2018	604.2286775
605962.95	5601305.72	148.8722816	54168.89	54432.49	54263.6	54037.63757	225.9624335	432.1324335	Varney-2018	607.5624335
605958.69	5601302.86	148.2763848	54168.83	54434.03	54265.2	54037.63308	227.5669194	433.7369194	Varney-2018	609.1669194
605957.33	5601299.72	147.9250477	54168.85	54419.56	54250.71	54037.62693	213.0830737	419.2530737	Varney-2018	594.6830737
605959.92	5601298.1	148.0340239	54168.71	54432.53	54263.82	54037.62281	226.1971941	432.3671941	Varney-2018	607.7971941
605962.21	5601293.14	147.8639833	54168.73	54443.36	54274.63	54037.61198	237.0180203	443.1880203	Varney-2018	618.6180203
605965.66	5601287.65	147.7436647	54168.73	54412.69	54243.96	54037.60007	206.3599261	412.5299261	Varney-2018	587.9599261
605968.56	5601284.04	147.7097716	54168.58	54387.39	54218.81	54037.59234	181.217659	387.387659	Varney-2018	562.817659
605970.69	5601280.3	147.5956045	54168.42	54378.57	54210.15	54037.58463	172.5653675	378.7353675	Varney-2018	554.1653675
605970.68	5601277.63	147.3871567	54168.32	54346.5	54178.18	54037.57936	140.6006437	346.7706437	Varney-2018	522.2006437
605972.75	5601273.11	147.1995294	54168.29	54308.38	54140.09	54037.57032	102.5196774	308.6896774	Varney-2018	484.1196774
605977.55	5601270.53	147.3727393	54168.23	54277.13	54108.9	54037.56516	71.33484487	277.5048449	Varney-2018	452.9348449
605983.47	5601268.54	147.6725231	54168.15	54306.62	54138.47	54037.56131	100.9086886	307.0786886	Varney-2018	482.5086886
605982.15	5601263.84	147.3335909	54168.15	54325.92	54157.77	54037.54861	120.2213923	326.3913923	Varney-2018	501.8213923
605979.69	5601259.23	146.9291312	54168.1	54308.51	54140.41	54037.53567	102.8743335	309.0443335	Varney-2018	484.4743335
605980.15	5601257.46	146.8798441	54168.04	54294.78	54126.74	54037.53077	89.20923237	295.3792324	Varney-2018	470.8092324
605980.32	5601256.35	146.8399345	54167.88	54296.78	54128.9	54037.52769	91.37230886	297.5423089	Varney-2018	472.9723089
605977.73	5601251.18	146.4082965	54167.93	54299.29	54131.36	54037.51294	93.84705816	300.0170582	Varney-2018	475.4470582
605976.24	5601251.15	146.2993129	54167.87	54310.22	54142.35	54037.51265	104.8373457	311.0073457	Varney-2018	486.4373457
605980.09	5601246.67	146.3656731	54167.74	54329.51	54161.77	54037.5007	124.2693038	330.4393038	Varney-2018	505.8693038
605984.92	5601242.43	146.5011523	54167.69	54303.51	54135.82	54037.48988	98.33011503	304.500115	Varney-2018	479.930115
605990.53	5601238.65	146.9383521	54167.62	54281.47	54113.85	54037.47453	76.37547266	282.5454727	Varney-2018	457.9754727
605998.36	5601236.47	147.7336939	54167.6	54267.31	54099.71	54037.46069	62.24931285	268.4193129	Varney-2018	443.8493129
606004.73	5601233.71	148.3149227	54167.43	54223.51	54056.08	54037.44719	18.63281159	224.8028116	Varney-2018	400.2328116
606007.56	5601230.21	148.4375044	54167.56	54225.64	54058.08	54037.4356	20.64439582	226.8143958	Varney-2018	402.2443958
606016.96	5601231.4	149.5752032	54167.35	54205.6	54038.25	54037.42952	0.820483178	206.9904832	Varney-2018	382.4204832
606018.16	5601228.08	149.5061787	54167.38	54198.12	54030.74	54037.4204	-6.680398391	199.4896016	Varney-2018	374.9196016
606018.82	5601220.31	149.097382	54167.36	54212.43	54045.07	54037.40121	7.66879094	213.8387909	Varney-2018	389.2687909
606021.4	5601215.36	149.0666402	54167.41	54177.24	54009.83	54037.38732	-27.55732184	178.6126782	Varney-2018	354.0426782
606026.97	5601209.46	149.2786717	54167.21	54138.95	53971.74	54037.36929	-65.62929148	140.5407085	Varney-2018	315.9707085
606029.74	5601205.74	149.3221101	54167.2	54140.01	53972.81	54037.3588	-64.54879507	141.6212049	Varney-2018	317.0512049
606029.7	5601196.95	148.7335157	54167.12	54099.17	53932.05	54037.33882	-105.2888186	100.8811814	Varney-2018	276.3111814
606031.76	5601193.32	148.695216	54167.12	54067.69	53900.57	54037.3294	-136.7593974	69.41060264	Varney-2018	244.8406026
606032.23	5601187.88	148.5524947	54166.96	54032.27	53865.31	54037.31217	-172.0021711	34.16782889	Varney-2018	209.5978289
606031.48	5601186.42	148.4408442	54167.16	53979.13	53811.97	54037.3077	-225.3376959	-19.16769588	Varney-2018	156.2623041
606033.71	5601181.24	148.5109686	54166.87	53997.68	53830.81	54037.28948	-206.4794846	-0.309484604	Varney-2018	175.1205154
606041.55	5601179.06	149.1805339	54166.78	54070.4	53903.62	54037.279	-133.6590018	72.51099818	Varney-2018	247.9409982
606043.05	5601174.97	149.1921257	54166.71	54130.93	53964.22	54037.26525	-73.04524899	133.124751	Varney-2018	308.554751
606045.77	5601173.25	149.3855295	54166.54	54151.72	53985.18	54037.25875	-52.0787508	154.0912492	Varney-2018	329.5212492
606049.7	5601164.98	149.4628412	54166.67	54089.08	53922.41	54037.23135	-114.8213539	91.34864612	Varney-2018	266.7786461
606055.83	5601159.43	149.7999484	54166.45	54086.65	53920.2	54037.21257	-117.0125677	89.15743231	Varney-2018	264.5874323
606056.87	5601153.45	149.670241	54166.51	54132.43	53965.92	54037.19398	-71.27398405	134.896016	Varney-2018	310.326016
606060.21	5601146.18	149.6734535	54166.38	54175.88	54009.5	54037.17138	-27.67138217	178.4986178	Varney-2018	353.9286178
606064.62	5601138.14	149.6799313	54166.53	54122.84	53956.31	54037.14778	-80.83777864	125.3322214	Varney-2018	300.7622214

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606068.61	5601137.11	149.9046162	54166.38	54072.21	53905.83	54037.14584	-131.3158444	74.8541556	Varney-2018	250.2841556
606074.19	5601134.67	150.1608298	54166.19	54066.53	53900.34	54037.14064	-136.8006402	69.3693598	Varney-2018	244.7993598
606073.98	5601131.21	149.9823956	54166.21	54050.88	53884.67	54037.13096	-152.4609649	53.70903511	Varney-2018	229.1390351
606076.17	5601127.7	149.9462252	54166.02	54077.04	53911.02	54037.12224	-126.1022383	80.06776166	Varney-2018	255.4977617
606081.61	5601125.14	150.1351798	54166.01	54111.28	53945.27	54037.11805	-91.84804652	114.3219535	Varney-2018	289.7519535
606084.31	5601121.52	150.0913416	54165.92	54140.1	53974.18	54037.11013	-62.93012563	143.2398744	Varney-2018	318.6698744
606088.73	5601116.27	150.0331736	54165.88	54210.01	54044.13	54037.09953	7.030470567	213.2004706	Varney-2018	388.6304706
606094.06	5601112.27	150.2409998	54165.78	54242.68	54076.9	54037.08879	39.8112067	245.9812067	Varney-2018	421.4112067
606097.81	5601105.78	150.3325672	54165.89	54221.69	54055.8	54037.06784	18.73216066	224.9021607	Varney-2018	400.3321607
606097.99	5601100.22	150.2534293	54165.71	54156	53990.29	54037.04785	-46.75784538	159.4121546	Varney-2018	334.8421546
606101.33	5601103.4	150.482844	54165.78	54223.73	54057.95	54037.06146	20.88853951	227.0585395	Varney-2018	402.4885395
606106.21	5601103.5	150.7453789	54165.61	54224.11	54058.5	54037.06491	21.43508633	227.6050863	Varney-2018	403.0350863
606109.84	5601106.58	150.9828079	54165.57	54196.96	54031.39	54037.07851	-5.688507212	200.4814928	Varney-2018	375.9114928
606111.2	5601105.6	151.0413125	54165.51	54167.88	54002.37	54037.07579	-34.70578665	171.4642134	Varney-2018	346.8942134
606112.05	5601098.72	150.9922256	54165.37	54195.92	54030.55	54037.05104	-6.501037418	199.6689626	Varney-2018	375.0989626
606120.28	5601094.66	151.3884138	54165.33	54192.89	54027.56	54037.04101	-9.481012381	196.6889876	Varney-2018	372.1189876
606125.71	5601092.66	151.6634868	54165.22	54186.21	54020.99	54037.03678	-16.04677725	190.1232228	Varney-2018	365.5532228
606133.33	5601090.81	152.0652136	54165.13	54157.69	53992.56	54037.03428	-44.47428197	161.695718	Varney-2018	337.125718
606135.47	5601086.41	152.1402405	54165.12	54096.39	53931.27	54037.01891	-105.7489064	100.4210936	Varney-2018	275.8510936
606134.56	5601082.38	152.0483986	54165.02	53975.64	53810.62	54037.00319	-226.383194	-20.21319397	Varney-2018	155.216806
606137.98	5601074.44	152.1209872	54164.96	53864.43	53699.47	54036.97621	-337.5062078	-131.3362078	Varney-2018	44.09379223
606139.63	5601070.14	152.0442809	54164.92	53855.11	53690.19	54036.96426	-346.7742565	-140.6042565	Varney-2018	34.82574353
606139.58	5601061.91	151.9658906	54164.7	53863.6	53698.9	54036.93298	-338.0329832	-131.8629832	Varney-2018	43.56701684
606140.45	5601057.47	151.9043682	54164.52	53868.47	53703.95	54036.91846	-332.9684625	-126.7984625	Varney-2018	48.63153746
606140.68	5601053.25	151.8586616	54164.45	53875.41	53710.96	54036.9031	-325.9430977	-119.7730977	Varney-2018	55.65690232
606134.22	5601039.77	151.4242043	54164.36	53873.73	53709.37	54036.84691	-327.4769057	-121.3069057	Varney-2018	54.12309434
606133.43	5601036.64	150.6056452	54164.27	53880.47	53716.2	54036.85436	-320.6543571	-114.4843571	Varney-2018	60.94564289
606137.05	5601033.05	149.9306248	54164.29	53913.94	53749.65	54036.86519	-287.2151919	-81.04519193	Varney-2018	94.38480807
606146.2	5601028.89	148.7156594	54164.3	53952.84	53788.54	54036.8994	-248.3593989	-42.18939887	Varney-2018	133.2406011
606152.04	5601023.78	147.304292	54164.2	53899.7	53735.5	54036.92819	-301.4281858	-95.25818576	Varney-2018	80.17181424
606152.64	5601018.68	146.0132787	54164.24	53880.3	53716.06	54036.94307	-320.883066	-114.713066	Varney-2018	60.71693399
606156.05	5601014.85	144.9728212	54164.27	53860.77	53696.5	54036.9622	-340.4621962	-134.2921962	Varney-2018	41.13780382
606158.03	5601011.44	144.0700054	54164.14	53862.13	53697.99	54036.97644	-338.9864365	-132.8164365	Varney-2018	42.61356347
606167.54	5601004.07	141.9848806	54164.13	53857.82	53693.69	54037.0215	-343.3315007	-137.1615007	Varney-2018	38.26849932
606167.13	5601003.4	141.8263994	54164.02	53848.68	53684.66	54037.02216	-352.3621572	-146.1921572	Varney-2018	29.23784276
606172.79	5601003.51	141.7133907	54163.98	53843.4	53679.42	54037.03722	-357.6172157	-151.4472157	Varney-2018	23.9827843
606174.87	5600995.54	139.6499727	54163.83	53837.51	53673.68	54037.06403	-363.3840316	-157.2140316	Varney-2018	18.21596837
606175.88	5600994.45	139.3489222	54163.75	53838.75	53675	54037.06969	-362.0696882	-155.8996882	Varney-2018	19.53031181
606182.91	5601000.82	140.7809115	54163.7	53834.14	53670.44	54037.07186	-366.6318571	-160.4618571	Varney-2018	14.96814286
606186.15	5600994.77	139.1664226	54163.61	53818.73	53655.12	54037.0969	-381.9768996	-175.8068996	Varney-2018	-0.376899633
606189.06	5600987.49	137.2450542	54163.55	53798.15	53634.6	54037.12444	-402.5244377	-196.3544377	Varney-2018	-20.92443769
606188.97	5600970.8	133.0136986	54163.5	53807.79	53644.29	54037.16909	-392.8790902	-186.7090902	Varney-2018	-11.27909022
606193.56	5600972.01	133.1936427	54163.47	53778.15	53614.68	54037.17862	-422.4986243	-216.3286243	Varney-2018	-40.89862431
606192.82	5600977.11	134.5095754	54163.45	53782.47	53619.02	54037.1628	-418.1427958	-211.9727958	Varney-2018	-36.5427958
606195.38	5600972.82	133.3492219	54163.38	53755.04	53591.66	54037.1815	-445.5215041	-239.3515041	Varney-2018	-63.92150406
606194.38	5600962.79	130.8911832	54163.33	53744.68	53581.35	54037.20415	-455.8541462	-249.6841462	Varney-2018	-74.25414619
606197.97	5600960.42	130.2718064	54163.26	53745.62	53582.36	54037.21837	-454.8583719	-248.6883719	Varney-2018	-73.25837195
606199.25	5600953.1	128.6361023	54163.22	53729.65	53566.43	54037.23482	-470.8048234	-264.6348234	Varney-2018	-89.20482339
606201.23	5600949.8	127.8616699	54163.2	53761.02	53597.82	54037.2461	-439.4261016	-233.2561016	Varney-2018	-57.82610156
606201.08	5600947.02	127.2585647	54163.18	53763.08	53599.9	54037.25056	-437.3505636	-231.1805636	Varney-2018	-55.75056364
606203.24	5600941.84	126.0710742	54163.2	53770.07	53606.87	54037.26557	-430.3955749	-224.2255749	Varney-2018	-48.79557491
606207.27	5600938.8	125.3041739	54163.2	53779.19	53615.99	54037.28191	-421.2919108	-215.1219108	Varney-2018	-39.69191078
606208.52	5600932.71	123.9465965	54163.09	53759.88	53596.79	54037.29589	-440.5058906	-234.3358906	Varney-2018	-58.9058906
606209.6	5600928.51	123.0058545	54163	53731.79	53568.79	54037.3061	-468.516098	-262.346098	Varney-2018	-86.91609799
606209.67	5600928.51	123.0041269	54162.91	53716.02	53553.11	54037.30629	-484.1962875	-278.0262875	Varney-2018	-102.5962875
606218.88	5600921.57	120.5237688	54161.48	53691.92	53530.44	54037.36296	-506.9229596	-300.7529596	Varney-2018	-125.3229596
606221.42	5600918.84	119.5318675	54161.42	53687.1	53525.68	54037.38346	-511.7034601	-305.5334601	Varney-2018	-130.1034601
606223.4	5600915.66	118.5331465	54161.36	53694.39	53533.03	54037.40117	-504.371174	-298.201174	Varney-2018	-122.771174
606223.52	5600906.21	116.4760361	54161.31	53706.33	53545.02	54037.41782	-492.3978195	-286.2278195	Varney-2018	-110.7978195
606222.24	5600902.62	115.9009492	54161.24	53706.52	53545.28	54037.41595	-492.1359461	-285.9659461	Varney-2018	-110.5359461
606228.31	5600900.63	114.5283911	54161.14	53691.64	53530.5	54037.45678	-506.9567811	-300.7867811	Varney-2018	-125.3567811
606229.38	5600896.87	113.5543721	54161.06	53705.44	53544.38	54037.46963	-493.0896285	-286.9196285	Varney-2018	-111.4896285
606231.21	5600893.79	112.610181	54161.02	53729.79	53568.77	54037.48599	-468.7159918	-262.5459918	Varney-2018	-87.11599181
606238.83	5600884.71	109.5154001	54160.99	53739.49	53578.5	54037.54706	-459.0470566	-252.8770566	Varney-2018	-77.44705663

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606243.87	5600880.81	107.9392412	54160.72	53729.51	53568.79	54037.58346	-468.7934626	-262.6234626	Varney-2018	-87.19346257
606256.04	5600878.39	105.6041007	54160.13	53731.38	53571.25	54037.66062	-466.4106193	-260.2406193	Varney-2018	-84.81061935
606257.76	5600874.2	104.4938131	54160.08	53730.09	53570.01	54037.67668	-467.666679	-261.496679	Varney-2018	-86.06667897
606258.88	5600871.1	103.6976698	54159.97	53727.07	53567.1	54037.68758	-470.5875761	-264.4175761	Varney-2018	-88.98757612
606261.2	5600868.59	102.8454678	54159.9	53757.93	53598.03	54037.70481	-439.6748073	-233.5048073	Varney-2018	-58.07480732
606262.16	5600866.83	102.3481747	54159.78	53765.35	53605.57	54037.71286	-432.142861	-225.972861	Varney-2018	-50.54286095
606261.48	5600868.71	102.8282992	54159.69	53798.37	53638.68	54037.70632	-399.0263224	-192.8563224	Varney-2018	-17.42632236
606267.65	5600868.72	101.9174522	54159.65	53833.15	53673.5	54037.74319	-364.243193	-158.073193	Varney-2018	17.35680703
606275.41	5600863.43	99.72136049	54159.64	53829.29	53669.65	54037.79601	-368.1460136	-161.9760136	Varney-2018	13.45398641
606279.18	5600855.5	97.60676581	54159.58	53839.18	53679.6	54037.82782	-358.2278162	-152.0578162	Varney-2018	23.37218378
606287.4	5600855.89	96.49741293	54159.47	53863.49	53704.02	54037.8757	-333.8556964	-127.6856964	Varney-2018	47.74430355
606287.93	5600854.01	96.05518169	54159.58	53893.92	53734.34	54037.88092	-303.5409218	-97.37092177	Varney-2018	78.05907823
606287.47	5600848.99	95.14403275	54159.56	53961.93	53802.37	54037.88387	-235.5138699	-29.34386991	Varney-2018	146.0861301
606290.02	5600845.48	94.22419188	54159.45	54008.23	53848.78	54037.89933	-189.1193272	17.05067281	Varney-2018	192.4806728
606293.72	5600848.01	94.74577467	54159.44	54021.17	53861.73	54037.9033	-176.1733037	29.99669626	Varney-2018	205.4266963
606301.48	5600839.15	93.14672107	54159.42	54041.43	53882.01	54037.92586	-155.9158577	50.2541423	Varney-2018	225.6841423
606300.87	5600838.14	92.94869001	54159.34	54057.94	53898.6	54037.92578	-139.3257793	66.84422071	Varney-2018	242.2742207
606299.13	5600836.66	92.64528193	54159.45	54065.2	53905.75	54037.92428	-132.1742788	73.99572121	Varney-2018	249.4257212
606294.6	5600832.78	91.83786217	54159.63	54076.49	53916.86	54037.92073	-121.0607283	85.10927175	Varney-2018	260.5392717
606298.6	5600824.19	90.27619704	54159.73	54097.46	53937.73	54037.93566	-100.2056646	105.9643354	Varney-2018	281.3943354
606304.34	5600817.3	89.11025078	54159.76	54119.96	53960.2	54037.95054	-77.75054096	128.419459	Varney-2018	303.849459
606303.73	5600808.5	87.61753492	54159.58	54130.45	53970.87	54037.95334	-67.08333824	139.0866618	Varney-2018	314.5166618
606304.93	5600805.3	87.17667713	54159.57	54142.95	53983.38	54037.95457	-54.57456825	151.5954317	Varney-2018	327.0254317
606306.34	5600802.1	86.74340235	54159.64	54148.93	53989.29	54037.95603	-48.66602802	157.503972	Varney-2018	332.933972
606306.86	5600801.22	86.62838889	54159.6	54162.56	54002.96	54037.95659	-34.99659109	171.1734089	Varney-2018	346.6034089
606306.67	5600796.32	85.89928973	54159.52	54144.46	53984.94	54037.95575	-53.01574732	153.1542527	Varney-2018	328.5842527
606312.52	5600790.88	85.27699793	54159.49	54138.19	53978.7	54037.96228	-59.26228308	146.9077169	Varney-2018	322.3377169
606315.47	5600785.38	84.56592934	54159.3	54120.01	53960.71	54037.96498	-77.25498041	128.9150196	Varney-2018	304.3450196
606317.49	5600776.52	83.3417957	54158.97	54107.89	53948.92	54037.96581	-89.04580568	117.1241943	Varney-2018	292.5541943
606315.65	5600779.82	83.76077431	54158.82	54099.96	53941.14	54037.96425	-96.824247	109.345753	Varney-2018	284.775753
606316.31	5600775.49	83.15173726	54158.85	54099.57	53940.72	54037.96427	-97.24426501	108.925735	Varney-2018	284.355735
606323.58	5600773.42	83.10095097	54158.83	54103.68	53944.85	54037.97217	-93.12216797	113.047832	Varney-2018	288.477832
606328.57	5600768.51	82.56990695	54158.81	54108.33	53949.52	54037.97666	-88.45665904	117.713341	Varney-2018	293.143341
606332.33	5600768.48	82.69912485	54158.83	54085.79	53926.96	54037.98083	-111.0208256	95.14917442	Varney-2018	270.5791744
606336.25	5600763.55	82.1399384	54158.88	54096.54	53937.66	54037.98379	-100.3237866	105.8462134	Varney-2018	281.2762134
606340.45	5600762.52	82.14825968	54159.01	54124.25	53965.24	54037.98802	-72.74802317	133.4219768	Varney-2018	308.8519768
606344.38	5600760.93	82.0699663	54159.1	54148.71	53989.61	54037.99174	-48.38174098	157.788259	Varney-2018	333.218259
606344.49	5600759.38	81.85706685	54159.13	54116.55	53957.42	54037.99135	-80.57135254	125.5986475	Varney-2018	301.0286475
606347.18	5600755.98	81.48348294	54159.04	54093.06	53934.02	54037.99305	-103.9730469	102.1969531	Varney-2018	277.6269531
606346.4	5600749.07	80.48920126	54158.97	54074.13	53915.16	54037.98991	-122.8299063	83.34009369	Varney-2018	258.7700937
606342.76	5600743.21	79.5232096	54158.92	54072.57	53913.65	54037.98439	-124.3343884	81.83561157	Varney-2018	257.2656116
606345	5600740.81	79.27855376	54158.8	54070.08	53911.28	54037.98578	-126.7057791	79.46422089	Varney-2018	254.8942209
606345.38	5600739.82	79.15578179	54158.69	54039.1	53880.41	54037.98582	-157.5758161	48.59418386	Varney-2018	224.0241839
606344.24	5600736.46	78.65656964	54158.54	54020.64	53862.1	54037.98315	-175.8831454	30.2868546	Varney-2018	205.7168546
606348.81	5600734.88	78.69434694	54158.39	54060.41	53902.02	54037.98514	-135.9651372	70.20486278	Varney-2018	245.6348628
606353.14	5600734.41	78.83149058	54158.32	54058.65	53900.33	54037.98849	-137.6584853	68.51151475	Varney-2018	243.9415147
606355.44	5600729.68	78.47142365	54158.25	54050.77	53892.52	54037.98365	-145.4636462	60.70635383	Varney-2018	236.1363538
606355.96	5600728.46	78.3758644	54158.23	54026.35	53868.12	54037.98232	-169.8623191	36.30768094	Varney-2018	211.7376809
606358.13	5600722.39	77.88460788	54158.3	54059.88	53901.58	54037.97528	-136.3952794	69.77472064	Varney-2018	245.2047206
606370.28	5600717.52	77.86991512	54158.28	54113.18	53954.9	54037.98092	-83.08092476	123.0890752	Varney-2018	298.5190752
606372.18	5600711	77.30721986	54158.31	54146.1	53987.79	54037.97341	-50.183408	155.986592	Varney-2018	331.416592
606373.42	5600706.13	76.88388692	54158.26	54068.81	53910.55	54037.96751	-127.4175063	78.75249366	Varney-2018	254.1824937
606371.94	5600705.54	76.78458576	54158.17	53993.52	53835.35	54037.96472	-202.6147198	3.555280222	Varney-2018	178.9852802
606375.31	5600703.72	76.71301466	54158.1	53942.95	53784.85	54037.96618	-253.1161804	-46.94618041	Varney-2018	128.4838196
606376.01	5600697.28	76.12918741	54158.05	53937.83	53779.78	54037.95708	-258.1770848	-52.00708482	Varney-2018	123.4229152
606379.95	5600695.14	76.05024627	54157.93	53933.73	53775.8	54037.95862	-262.1586177	-55.98861766	Varney-2018	119.4413823
606382.74	5600686.96	75.37620687	54157.87	53931.63	53773.76	54037.94917	-264.1891736	-58.01917361	Varney-2018	117.4108264
606384.34	5600688.44	75.56481205	54157.78	53935.18	53777.4	54037.95343	-260.5534333	-54.38343328	Varney-2018	121.0465667
606384.02	5600679.65	74.73903581	54157.67	53943.42	53785.75	54037.93917	-252.1891679	-46.01916793	Varney-2018	129.4108321
606388.55	5600672.84	74.26141557	54157.64	53940.21	53782.57	54037.93362	-255.3636189	-49.19361885	Varney-2018	126.2363811
606384.1	5600668.52	73.70912114	54157.57	53915.76	53758.19	54037.92168	-279.7316841	-73.56168409	Varney-2018	101.8683159
606383.81	5600665.63	73.43084383	54157.56	53884.57	53727.01	54037.91679	-310.9067944	-104.7367944	Varney-2018	70.69320564
606386.73	5600661.01	73.10624978	54157.52	53893.85	53736.33	54037.91273	-301.5827304	-95.41273038	Varney-2018	80.01726962
606391.89	5600658.11	72.8810174	54157.49	53942.83	53785.34	54037.91758	-252.5775773	-46.40757734	Varney-2018	129.0224227

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606395.94	5600654.53	72.53166908	54157.52	53971.2	53813.68	54037.92069	-224.2406917	-18.07069172	Varney-2018	157.3593083
606402.21	5600649.31	72.06124905	54157.57	53912.65	53755.08	54037.92495	-282.8449473	-76.67494728	Varney-2018	98.75505272
606408.32	5600648.32	72.17984704	54157.59	53913.93	53756.34	54037.93034	-281.5903389	-75.42033888	Varney-2018	100.0096611
606417.51	5600642.84	71.85187566	54157.7	53943.45	53785.75	54037.93576	-252.1857564	-46.01575642	Varney-2018	129.4142436
606418.95	5600637.97	71.2878564	54157.72	54024.93	53867.21	54037.934	-170.7239976	35.44600242	Varney-2018	210.8760024
606420.67	5600626.55	69.90516937	54157.7	54032.93	53875.23	54037.92807	-162.6980671	43.47193288	Varney-2018	218.9019329
606423.96	5600628.51	70.32289203	54157.78	54009.72	53851.94	54037.93166	-185.9916555	20.17834453	Varney-2018	195.6083445
606424.96	5600624.63	69.88441472	54157.87	53991.9	53834.03	54037.92966	-203.899663	2.270336957	Varney-2018	177.700337
606429.43	5600624.39	70.08920202	54157.95	53965.6	53807.65	54037.93243	-230.2824327	-24.11243275	Varney-2018	151.3175673
606427.18	5600620.34	69.46444955	54157.94	53961.06	53803.12	54037.92803	-234.8080263	-28.63802626	Varney-2018	146.7919737
606430.05	5600618.51	69.39431338	54157.87	53967.16	53809.29	54037.92838	-228.638382	-22.46838199	Varney-2018	152.961618
606437.05	5600612.09	69.00782699	54157.83	53958.32	53800.49	54037.92706	-237.437059	-31.26705896	Varney-2018	144.162941
606436.81	5600610.19	68.76469904	54157.83	53974.14	53816.31	54037.92534	-221.6153396	-15.44533959	Varney-2018	159.9846604
606439.61	5600604.91	68.30031852	54157.72	53964.34	53806.62	54037.92207	-231.3020708	-25.13207085	Varney-2018	150.2979292
606439.66	5600598.68	67.56023441	54157.51	53957.76	53800.25	54037.91663	-237.666635	-31.49663499	Varney-2018	143.933365
606447.06	5600593.83	68.67738095	54157.31	53947.39	53790.08	54037.88258	-247.80258	-41.63258004	Varney-2018	133.79742
606447.1	5600595.16	68.82288317	54157.06	53970.66	53813.6	54037.88418	-224.284176	-18.11417601	Varney-2018	157.315824
606449.24	5600584.08	68.32683193	54156.87	53971.39	53814.52	54037.85695	-223.3369549	-17.16695488	Varney-2018	158.2630451
606449.33	5600579.63	67.93605313	54156.85	53994.73	53837.88	54037.84953	-199.9695256	6.200474369	Varney-2018	181.6304744
606448.95	5600577.51	67.62236192	54156.88	54014.83	53857.95	54037.8485	-179.8985021	26.27149789	Varney-2018	201.7014979
606457.35	5600572.23	69.74246655	54156.92	54029.93	53873.01	54037.78815	-164.7781494	41.39185064	Varney-2018	216.8218506
606460.96	5600568.86	70.61878654	54156.88	54040.14	53883.26	54037.75869	-154.4986873	51.6713127	Varney-2018	227.1013127
606468.18	5600569.56	72.95389349	54156.75	54031.63	53874.88	54037.71437	-162.8343738	43.33562619	Varney-2018	218.7656262
606464.8	5600568.38	71.80550071	54156.61	54025.51	53868.9	54037.73314	-168.8331401	37.33685994	Varney-2018	212.7668599
606469	5600560.34	72.65864358	54156.54	54030.41	53873.87	54037.68663	-163.8166319	42.35336812	Varney-2018	217.7833681
606474.96	5600563.47	74.79375309	54156.43	54017.52	53861.09	54037.65486	-176.5648592	29.60514082	Varney-2018	205.0351408
606481.82	5600564.5	77.07400391	54156.42	54034.18	53877.76	54037.6126	-159.852596	46.317404	Varney-2018	221.747404
606484.29	5600564.77	77.88568801	54156.4	54021.73	53865.33	54037.59722	-172.267219	33.902781	Varney-2018	209.332781
606485.15	5600564.45	78.1542699	54156.42	54019.29	53862.87	54037.59056	-174.7205643	31.44943573	Varney-2018	206.8794357
606484.15	5600568.1	77.95449087	54156.42	54033.14	53876.72	54037.60856	-160.8885629	45.28143715	Varney-2018	220.7114371
606487.78	5600560.72	78.90412204	54156.41	54032.24	53875.83	54037.56099	-161.730992	44.43900802	Varney-2018	219.869008
606490.39	5600553.99	79.6097308	54156.46	54038.39	53881.93	54037.52043	-155.5904293	50.57957065	Varney-2018	226.0095707
606491.47	5600549.56	79.883355	54156.44	54041.11	53884.67	54037.49748	-152.8274835	53.34251654	Varney-2018	228.7725165
606483.93	5600550.97	77.29035366	54156.36	54038.04	53881.68	54037.55651	-155.8765097	50.29349028	Varney-2018	225.7234903
606485.23	5600542.76	77.47623983	54156.19	54009.06	53852.87	54037.52107	-184.6510679	21.51893209	Varney-2018	196.9489321
606486.29	5600536.22	77.65949338	54156.11	53985.61	53829.5	54037.49195	-207.991952	-1.821951993	Varney-2018	173.608048
606489.49	5600532.28	78.754306	54155.96	53990	53834.04	54037.45355	-203.4135477	2.756452328	Varney-2018	178.1864523
606485.67	5600524.75	77.06445369	54155.88	53990	53834.12	54037.46012	-203.3401165	2.829883518	Varney-2018	178.2598835
606494.91	5600527.05	80.72980373	54155.78	53922.33	53766.55	54037.39112	-270.8411184	-64.67111844	Varney-2018	110.7588816
606495.1	5600520.94	80.70824412	54155.63	53873.77	53718.14	54037.36739	-319.2273891	-113.0573891	Varney-2018	62.37261085
606499.22	5600520.36	82.34802832	54155.52	53902.96	53747.44	54037.32999	-289.889991	-83.71999101	Varney-2018	91.71000899
606501.47	5600511.17	83.20483416	54155.42	53940.28	53784.86	54037.27474	-252.4147364	-46.24473637	Varney-2018	129.1852636
606499.9	5600504.35	82.27328427	54155.34	53935.35	53780.01	54037.26867	-257.2586711	-51.08867109	Varney-2018	124.3413289
606496.73	5600499.84	80.73083017	54155.22	53912.19	53756.97	54037.28487	-280.3148667	-74.14486672	Varney-2018	101.2851333
606501.64	5600495.49	82.49479057	54155.19	53874.44	53719.25	54037.23056	-317.9805599	-111.8105599	Varney-2018	63.61944013
606502.35	5600492.17	82.59246791	54155.15	53897.57	53742.42	54037.21601	-294.7960085	-88.62600851	Varney-2018	86.80399149
606514.73	5600486.41	87.14946611	54155.17	53900.38	53745.21	54037.09722	-291.8872245	-85.71722451	Varney-2018	89.71277549
606508.87	5600481.62	84.52974604	54155.14	53883.76	53728.62	54037.13535	-308.5153516	-102.3453516	Varney-2018	73.08464837
606522.16	5600479.66	88.13814864	54155.01	53871.91	53716.9	54037.05896	-320.1589609	-113.9889609	Varney-2018	61.44103912
606520.45	5600476.85	87.73627251	54154.94	53902.9	53747.96	54037.05476	-289.0947592	-82.92475915	Varney-2018	92.50524085
606524.73	5600471.82	87.9050798	54154.69	53949.55	53794.86	54037.03874	-242.1787361	-36.00873606	Varney-2018	139.4212639
606524.57	5600462.03	87.21313075	54154.47	53901.73	53747.26	54037.0172	-289.7572041	-83.58720412	Varney-2018	91.84279588
606525.58	5600461.27	87.29060609	54153.96	53862.18	53708.22	54037.01415	-328.7941498	-122.6241498	Varney-2018	52.80585023
606526.25	5600452.94	86.81206224	54153.87	53853.48	53699.61	54036.99456	-337.3845587	-131.2145587	Varney-2018	44.21544126
606532.87	5600447.74	87.35745366	54153.84	53817.48	53663.64	54036.97266	-373.3326584	-167.1626584	Varney-2018	8.267341583
606535.49	5600444.67	87.5198932	54153.7	53821.02	53667.32	54036.96132	-369.6413184	-163.4713184	Varney-2018	11.95868165
606536.64	5600436.8	87.18811197	54153.66	53778.74	53625.08	54036.94068	-411.860677	-205.690677	Varney-2018	-30.26067701
606540.74	5600433.88	87.59289689	54153.7	53828.36	53674.66	54036.92655	-362.26655	-156.09655	Varney-2018	19.33345
606543.66	5600432.94	87.96237447	54153.84	53835.81	53681.97	54036.91894	-354.94894	-148.77894	Varney-2018	26.65106003
606546.03	5600428.31	88.11365899	54153.95	53830.46	53676.51	54036.90108	-360.3910784	-154.2210784	Varney-2018	21.20892156
606551.62	5600428.32	88.90426545	54154.04	53823.2	53669.16	54036.89161	-367.7316128	-161.5616128	Varney-2018	13.86838722
606555.28	5600426.5	89.34097656	54154.1	53809.25	53655.15	54036.88018	-381.730181	-175.560181	Varney-2018	-0.130181048
606561.48	5600420.95	89.95317861	54154.17	53852.83	53698.66	54036.85423	-338.1942314	-132.0242314	Varney-2018	43.40576858
606565.29	5600415.02	90.19402227	54154.16	53891.35	53737.19	54036.83169	-299.6416949	-93.47169489	Varney-2018	81.95830511

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606569.78	5600410.11	90.55884162	54154.39	53860.44	53706.05	54036.81139	-330.7613863	-124.5913863	Varney-2018	50.83861366
606570.94	5600412.58	90.83930225	54154.49	53851.75	53697.26	54036.81631	-339.5563072	-133.3863072	Varney-2018	42.04369284
606571.75	5600404.14	90.51914146	54154.53	53853.57	53699.04	54036.79236	-337.7523559	-131.5823559	Varney-2018	43.84764407
606573.37	5600401.17	90.57941919	54154.52	53868.76	53714.24	54036.78208	-322.5420784	-116.3720784	Varney-2018	59.05792164
606569.66	5600395.42	89.80732987	54154.4	53872.48	53718.08	54036.77171	-318.6917137	-112.5217137	Varney-2018	62.90828631
606571.34	5600392.9	89.89489823	54154.28	53851.44	53697.16	54036.76265	-339.6026537	-133.4326537	Varney-2018	41.99734632
606572.32	5600386.24	89.67908137	54154.11	53851.15	53697.04	54036.74348	-339.703476	-133.533476	Varney-2018	41.89652403
606578.09	5600385.14	90.33901587	54154.05	53890.89	53736.84	54036.73336	-299.8933609	-93.72336094	Varney-2018	81.70663906
606582.49	5600381.11	90.66274732	54153.98	53943.59	53789.61	54036.71751	-247.107514	-40.93751402	Varney-2018	134.492486
606584.69	5600381.27	90.94124143	54153.94	53949.43	53795.49	54036.71529	-241.2252859	-35.05528588	Varney-2018	140.3747141
606590.13	5600375.04	91.24524162	54153.91	53955.09	53801.18	54036.69321	-235.5132057	-29.34320572	Varney-2018	146.0867943
606594.23	5600372.12	91.70289727	54153.87	53905.6	53751.73	54036.67768	-284.9476755	-78.77767554	Varney-2018	96.65232446
606601.61	5600371.38	93.25672667	54153.84	53996.05	53842.21	54036.6486	-194.4386013	11.73139869	Varney-2018	187.1613987
606602.06	5600367.05	93.07840771	54153.72	54004.77	53851.05	54036.63676	-185.5867572	20.58324281	Varney-2018	196.0132428
606605.74	5600363.67	93.64664	54153.67	53972.48	53818.81	54036.61557	-217.8055721	-11.63557215	Varney-2018	163.7944279
606604.78	5600361.76	93.31814263	54153.58	53951.98	53798.4	54036.6146	-238.2145993	-32.04459928	Varney-2018	143.3854007
606605.7	5600358.33	93.28881851	54153.52	53961.02	53807.5	54036.6034	-229.1034035	-22.93340347	Varney-2018	152.4965965
606607.25	5600355.58	93.49615555	54153.51	53931.67	53778.16	54036.58997	-258.4299692	-52.25996921	Varney-2018	123.1700308
606611.75	5600347	94.12345156	54153.43	53937.97	53784.54	54036.54788	-252.0078847	-45.83788469	Varney-2018	129.5921153
606612.72	5600344.46	94.22281829	54153.37	53963.59	53810.22	54036.53697	-226.3169737	-20.14697366	Varney-2018	155.2830263
606616.16	5600339.3	94.69067421	54153.35	53962.9	53809.55	54036.51077	-226.9607657	-20.79076571	Varney-2018	154.6392343
606619.49	5600335.59	95.16557409	54153.34	53931.99	53778.65	54036.49001	-257.8400051	-51.67000507	Varney-2018	123.7599949
606621.26	5600332.29	95.3470754	54153.32	53894.72	53741.4	54036.47548	-295.0754849	-88.90548492	Varney-2018	86.52451508
606624.27	5600330.46	95.81285082	54153.3	53879.71	53726.41	54036.46191	-310.0519075	-103.8819075	Varney-2018	71.54809254
606625.94	5600325.15	95.84971971	54153.28	53837.21	53683.93	54036.4429	-352.5128965	-146.3428965	Varney-2018	29.08710354
606628.37	5600320.53	96.03557695	54153.27	53761.12	53607.85	54036.42428	-428.5742804	-222.4042804	Varney-2018	-46.97428041
606632.93	5600316.06	96.56447606	54153.26	53747.27	53594.01	54036.40154	-442.3915395	-236.2215395	Varney-2018	-60.79153946
606638.61	5600308.39	97.03209672	54153.33	53760.98	53607.65	54036.36979	-428.7197902	-222.5497902	Varney-2018	-47.11979019
606639.45	5600305.4	96.97457761	54153.33	53762.41	53609.08	54036.36096	-427.2809563	-221.1109563	Varney-2018	-45.68095627
606639.9	5600304.52	96.98833581	54153.3	53771.4	53618.1	54036.35796	-418.2579582	-212.0879582	Varney-2018	-36.6579582
606641.71	5600302.56	97.14058644	54153.3	53736.61	53583.31	54036.34971	-453.0397116	-246.8697116	Varney-2018	-71.43971157
606645.32	5600299.07	97.45210658	54153.29	53683.61	53530.32	54036.33475	-506.0147493	-299.8447493	Varney-2018	-124.4147493
606649.51	5600295.26	97.79945025	54153.31	53617.35	53464.04	54036.31873	-572.2787335	-366.1087335	Varney-2018	-190.6787335
606654.47	5600288.58	97.99615948	54153.28	53604.93	53451.65	54036.2967	-584.6466956	-378.4766956	Varney-2018	-203.0466956
606654.76	5600281.24	97.47696476	54153.31	53673.97	53520.66	54036.2814	-515.6214023	-309.4514023	Varney-2018	-134.0214023
606656.99	5600276.17	97.86961551	54153.34	53694.38	53541.04	54036.25507	-495.2150701	-289.0450701	Varney-2018	-113.6150701
606655.53	5600271.14	97.77547948	54153.37	53684.97	53531.6	54036.23424	-504.6342434	-298.4642434	Varney-2018	-123.0342434
606661.33	5600264.69	98.64772222	54153.32	53698.37	53545.05	54036.19693	-491.1469347	-284.9769347	Varney-2018	-109.5469347
606659.2	5600254.41	98.56446398	54153.25	53718.39	53565.14	54036.15323	-471.0132267	-264.8432267	Varney-2018	-89.4132267
606660.32	5600251.43	98.76056339	54153.22	53749.39	53596.17	54036.13828	-439.9682783	-233.7982783	Varney-2018	-58.3682783
606662.84	5600249.82	99.10574124	54153.21	53753.25	53600.04	54036.12778	-436.0877841	-229.9177841	Varney-2018	-54.48778409
606669.57	5600250.06	100.0593883	54153.24	53687.75	53534.51	54036.11726	-501.6072612	-295.4372612	Varney-2018	-120.0072612
606674.1	5600243.04	101.3502393	54153.27	53633.75	53480.48	54036.06394	-555.5839358	-349.4139358	Varney-2018	-173.9839358
606678.17	5600241.67	102.4317523	54153.29	53585.23	53431.94	54036.03806	-604.0980551	-397.9280551	Varney-2018	-222.4980551
606681.05	5600239.51	103.2235646	54153.4	53551.68	53398.28	54036.01423	-637.7342263	-431.5642263	Varney-2018	-256.1342263
606681.79	5600234.3	103.5238211	54153.44	53551.88	53398.44	54035.98672	-637.5467221	-431.3767221	Varney-2018	-255.9467221
606692.78	5600227.29	106.5738719	54153.53	53465.89	53312.36	54035.90002	-723.5400166	-517.3700166	Varney-2018	-341.9400166
606697.27	5600222.37	107.8874896	54153.5	53500.49	53346.99	54035.85449	-688.8644921	-482.6944921	Varney-2018	-307.2644921
606700.29	5600217.1	108.8316346	54153.62	53543.63	53390.01	54035.81434	-645.8043398	-439.6343398	Varney-2018	-264.2043398
606704.27	5600212.95	110.0134966	54153.76	53614.12	53460.36	54035.77438	-575.4143766	-369.2443766	Varney-2018	-193.8143766
606702.44	5600208.91	109.6319717	54153.79	53691.53	53537.74	54035.76442	-498.0244166	-291.8544166	Varney-2018	-116.4244166
606706.97	5600205.77	110.9477334	54153.71	53710.81	53557.1	54035.72611	-478.6261112	-272.4561112	Varney-2018	-97.02611121
606711.55	5600200.08	112.5495496	54153.68	53747.89	53594.21	54035.67001	-441.4600128	-235.2900128	Varney-2018	-59.86001279
606713.67	5600197.01	113.3305724	54153.69	53733.95	53580.26	54035.64123	-455.381233	-249.211233	Varney-2018	-73.78123301
606715.01	5600193.48	113.9319789	54153.68	53768.41	53614.73	54035.61376	-420.8837593	-214.7137593	Varney-2018	-39.28375928
606716.98	5600190.74	114.6611592	54153.74	53790.77	53637.03	54035.58738	-398.5573809	-192.3873809	Varney-2018	-16.95738092
606720.85	5600188.93	115.8639564	54153.76	53799.76	53646	54035.55609	-389.5560937	-183.3860937	Varney-2018	-7.956093666
606719.29	5600181.89	115.9051373	54153.7	53872.51	53718.81	54035.52335	-316.7133477	-110.5433477	Varney-2018	64.88665235
606721.79	5600180.83	116.6859158	54153.68	53863.49	53709.81	54035.50348	-325.6934776	-119.5234776	Varney-2018	55.90652243
606730.1	5600172.87	119.6240011	54153.65	53866.85	53713.2	54035.4104	-322.2104042	-116.0404042	Varney-2018	59.38959576
606731.91	5600171.13	120.2729576	54153.69	53864.87	53711.18	54035.38987	-324.2098676	-118.0398676	Varney-2018	57.39013236
606736.02	5600167.77	121.713057	54153.73	53845.57	53691.84	54035.34651	-343.5065123	-137.3365123	Varney-2018	38.09348766
606739.32	5600165.72	121.713057	54153.65	53835.72	53682.07	54035.34651	-353.2765123	-147.1065123	Varney-2018	28.32348766
606741.1	5600161.86	121.713057	54153.75	53822.63	53668.88	54035.34651	-366.4665123	-160.2965123	Varney-2018	15.13348766

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606742.21	5600155.99	121.713057	54153.89	53744.15	53590.26	54035.34651	-445.0865123	-238.9165123	Varney-2018	-63.48651234
606742.99	5600152.56	121.713057	54153.97	53701.96	53547.99	54035.34651	-487.3565123	-281.1865123	Varney-2018	-105.7565123
606742.41	5600146.43	121.713057	54153.79	53679.27	53525.48	54035.34651	-509.8665123	-303.6965123	Varney-2018	-128.2665123
606627.59	5600020.41	97.14778009	54163.16	53637.48	53474.32	54035.1802	-560.8601968	-354.6901968	Varney-2018	-179.2601968
606621.91	5600020.51	96.85211303	54163.08	53649.91	53486.83	54035.17679	-548.3467896	-342.1767896	Varney-2018	-166.7467896
606616.78	5600022.08	96.54469486	54163.12	53658.96	53495.84	54035.18076	-539.3407643	-333.1707643	Varney-2018	-157.7407643
606614.58	5600029.26	96.22701802	54163.17	53684.7	53521.53	54035.2137	-513.6836989	-307.5136989	Varney-2018	-132.0836989
606609.71	5600031.61	95.87928287	54163.08	53723.25	53560.17	54035.22243	-475.0524295	-268.8824295	Varney-2018	-93.45242952
606605.24	5600035.3	95.49790757	54163.06	53678.53	53515.47	54035.23829	-519.7682896	-313.5982896	Varney-2018	-138.1682896
606600.12	5600039.65	95.03419942	54163.05	53632.89	53469.84	54035.25767	-565.4176679	-359.2476679	Varney-2018	-183.8176679
606595.66	5600042.78	94.63564173	54163.13	53696.29	53533.16	54035.27174	-502.1117408	-295.9417408	Varney-2018	-120.5117408
606592.02	5600036.93	94.67012139	54163.1	53756.28	53593.18	54035.23971	-442.0597112	-235.8897112	Varney-2018	-60.45971125
606590.69	5600039.9	94.5197356	54163.26	53773.94	53610.68	54035.25298	-424.5729763	-218.4029763	Varney-2018	-42.97297627
606589.66	5600051.89	94.007724	54163.35	53793.21	53629.86	54035.31291	-405.4529092	-199.2829092	Varney-2018	-23.85290917
606589.2	5600053.55	93.92845018	54163.22	53794.41	53631.19	54035.32078	-404.1307779	-197.9607779	Varney-2018	-22.53077794
606583.92	5600058.9	93.74068147	54163.28	53739.67	53576.39	54035.33655	-458.9465482	-252.7765482	Varney-2018	-77.34654824
606583.09	5600064.89	93.66542694	54163.15	53731.12	53567.97	54035.36105	-467.3910522	-261.2210522	Varney-2018	-85.79105217
606584.18	5600070.8	93.64761775	54163.09	53749.43	53586.34	54035.38765	-449.0476487	-242.8776487	Varney-2018	-67.44764871
606576.42	5600072.09	93.39000408	54163.41	53731.49	53568.08	54035.38377	-467.3037729	-261.1337729	Varney-2018	-85.70377287
606572.41	5600074.35	93.23418914	54163.26	53714.31	53551.05	54035.38881	-484.3388123	-278.1688123	Varney-2018	-102.7388123
606573.54	5600081.71	93.18174768	54163.05	53693.51	53530.46	54035.42227	-504.9622703	-298.7922703	Varney-2018	-123.3622703
606568.71	5600082.17	93.00558674	54163.1	53622.26	53459.16	54035.41889	-576.2588915	-370.0888915	Varney-2018	-194.6588915
606561.25	5600086.13	92.67710474	54163.04	53563.95	53400.91	54035.4283	-634.5183031	-428.3483031	Varney-2018	-252.9183031
606556.18	5600091.93	92.38554954	54163.1	53605.67	53442.57	54035.44908	-592.8790765	-386.7090765	Varney-2018	-211.2790765
606547.97	5600090.98	92.0876279	54163.34	53610.6	53447.26	54035.43629	-588.1762928	-382.0062928	Varney-2018	-206.5762928
606543.64	5600091.34	91.91326628	54163.4	53602.91	53439.51	54035.43349	-595.923488	-389.753488	Varney-2018	-214.323488
606540.12	5600097.27	91.63658822	54163.38	53596.55	53433.17	54035.45757	-602.2875729	-396.1175729	Varney-2018	-220.6875729
606543.91	5600106.03	91.59357327	54163.26	53578.79	53415.53	54035.5019	-619.9718981	-413.8018981	Varney-2018	-238.3718981
606541.14	5600109.98	91.38009796	54163.12	53661.32	53498.2	54035.51784	-537.3178425	-331.1478425	Varney-2018	-155.7178425
606535.45	5600110.97	91.09874208	54163.19	53720.4	53557.21	54035.51763	-478.3076318	-272.1376318	Varney-2018	-96.70763182
606540.65	5600116.53	91.2034008	54163.34	53734.49	53571.15	54035.548	-464.3979987	-258.2279987	Varney-2018	-82.79799869
606540.36	5600120.3	91.10029534	54163.44	53774.74	53611.3	54035.56538	-424.2653766	-218.0953766	Varney-2018	-42.6653766
606540.35	5600127.76	90.92290882	54163.31	53798.44	53635.13	54035.60021	-400.470214	-194.300214	Varney-2018	-18.87021401
606534.88	5600132.1	90.54495582	54163.3	53797.36	53634.06	54035.61656	-401.5565576	-195.3865576	Varney-2018	-19.95655759
606532.08	5600136.93	90.30407632	54163.31	53754.36	53591.05	54035.63672	-444.5867241	-238.4167241	Varney-2018	-62.9867241
606527.88	5600137.96	90.06749256	54163.37	53734.57	53571.2	54035.63854	-464.4385449	-258.2685449	Varney-2018	-82.83854493
606524.51	5600143.68	89.7828407	54163.48	53733.15	53569.67	54035.6623	-465.9923001	-259.8223001	Varney-2018	-84.39230014
606514.2	5600144.91	88.98317718	54163.35	53721.63	53558.28	54035.66733	-477.3873301	-271.2173301	Varney-2018	-95.78733006
606513.99	5600148.47	88.88496881	54163.4	53681.45	53518.05	54035.68389	-517.6338933	-311.4638933	Varney-2018	-136.0338933
606516.7	5600154.53	87.14946611	54163.4	53659.13	53495.73	54037.09722	-541.3672245	-335.1972245	Varney-2018	-159.7672245
606515.92	5600168.64	87.14946611	54163.52	53544.11	53380.59	54037.09722	-656.5072245	-450.3372245	Varney-2018	-274.9072245
606520.43	5600166.62	87.73627251	54163.42	53543.58	53380.16	54037.05476	-656.8947592	-450.7247592	Varney-2018	-275.2947592
606520.15	5600169.84	87.73627251	54163.35	53476.36	53313.01	54037.05476	-724.0447592	-517.8747592	Varney-2018	-342.4447592
606518.24	5600180.26	87.73627251	54163.34	53489.09	53325.75	54037.05476	-711.3047592	-505.1347592	Varney-2018	-329.7047592
606474.4	5600248.44	79.20230019	54163.47	53688.32	53524.85	54036.2636	-511.4135959	-305.2435959	Varney-2018	-129.8135959
606473.43	5600260.99	78.21004099	54163.4	53681.85	53518.45	54036.33865	-517.8886545	-311.7186545	Varney-2018	-136.2886545
606469.15	5600262.8	77.3725172	54163.36	53680.41	53517.05	54036.35941	-519.309408	-313.139408	Varney-2018	-137.709408
606463.94	5600264.47	76.38235194	54163.33	53736.36	53573.03	54036.38174	-463.351737	-257.181737	Varney-2018	-81.751737
606458.93	5600266.93	75.36219531	54163.18	53813.47	53650.29	54036.40847	-386.1184651	-179.9484651	Varney-2018	-4.518465076
606453.19	5600270.26	74.14359034	54163.24	53829.82	53666.58	54036.44248	-369.8624766	-163.6924766	Varney-2018	11.73752345
606449.99	5600267.19	73.83039684	54163.08	53771.63	53608.55	54036.43181	-427.8818115	-221.7118115	Varney-2018	-46.28181154
606447.12	5600272.58	72.93100829	54162.96	53806.74	53643.78	54036.47157	-392.691569	-186.521569	Varney-2018	-11.09156896
606441.46	5600275.58	71.72444255	54162.95	53807.08	53644.13	54036.50409	-392.3740914	-186.2040914	Varney-2018	-10.77409142
606439.55	5600275.21	71.58015993	54162.94	53796.96	53634.02	54036.5025	-402.4825044	-196.3125044	Varney-2018	-20.88250439
606436.7	5600279.27	71.07758062	54162.99	53801.42	53638.43	54036.5264	-398.096399	-191.926399	Varney-2018	-16.49639903
606436.22	5600282.38	70.79170206	54163.11	53773.9	53610.79	54036.54557	-425.7555684	-219.5855684	Varney-2018	-44.1555684
606430.55	5600285.6	70.1417391	54163.37	53783.39	53620.02	54036.56419	-416.5441911	-210.3741911	Varney-2018	-34.94419112
606422.64	5600280.88	70.05561464	54163.58	53832.02	53668.44	54036.53117	-368.0911663	-161.9211663	Varney-2018	13.50883374
606425.72	5600285.94	69.81035959	54163.48	53818	53654.52	54036.56445	-382.0444451	-175.8744451	Varney-2018	-0.444445079
606429.1	5600290.57	69.60455601	54163.8	53842.57	53678.77	54036.59555	-357.8255549	-151.6555549	Varney-2018	23.7744451
606424.45	5600296.49	68.79782675	54163.65	53831.26	53667.61	54036.63134	-369.0213426	-162.8513426	Varney-2018	12.5786574
606425.37	5600296.39	68.86102416	54163.9	53826.01	53662.11	54036.63115	-374.5211498	-168.3511498	Varney-2018	7.078850246
606423.13	5600305.69	67.9095501	54163.91	53810.77	53646.86	54036.68938	-389.8293844	-183.6593844	Varney-2018	-8.229384422
606419.43	5600306.28	67.65011981	54164.06	53810.3	53646.24	54036.69106	-390.4510588	-184.2810588	Varney-2018	-8.851058842

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606416.42	5600314.68	66.75859408	54164.09	53792	53627.91	54036.74249	-408.8324851	-202.6624851	Varney-2018	-27.23248515
606414.12	5600316.3	66.49724332	54164.12	53787.4	53623.28	54036.75125	-413.4712465	-207.3012465	Varney-2018	-31.87124653
606404.27	5600323.44	65.38693685	54164.03	53765.31	53601.28	54036.78935	-435.5093475	-229.3393475	Varney-2018	-53.90934746
606398.31	5600319.98	65.36249115	54163.84	53737.42	53573.58	54036.76378	-463.1837805	-257.0137805	Varney-2018	-81.58378048
606395.54	5600323.93	64.90388979	54163.78	53707.55	53543.77	54036.78623	-493.0162276	-286.8462276	Varney-2018	-111.4162276
606392.24	5600322.53	64.84672359	54163.82	53747.49	53583.67	54036.77531	-453.1053136	-246.9353136	Varney-2018	-71.50531357
606386.66	5600324.75	64.39044685	54163.89	53736.36	53572.47	54036.78494	-464.3149401	-258.1449401	Varney-2018	-82.71494008
606385.18	5600327.84	64.07921882	54163.99	53721.54	53557.55	54036.80265	-479.2526488	-273.0826488	Varney-2018	-97.65264876
606387.27	5600337	63.47568563	54164.01	53700.07	53536.06	54036.85997	-500.7999721	-294.6299721	Varney-2018	-119.1999721
606384.32	5600338.94	63.18979982	54164.22	53674.4	53510.18	54036.86934	-526.6893436	-320.5193436	Varney-2018	-145.0893436
606383.65	5600344.16	62.76170259	54164.13	53702.99	53538.86	54036.90042	-498.0404239	-291.8704239	Varney-2018	-116.4404239
606384.07	5600351.29	62.23700625	54164.2	53766.89	53602.69	54036.94402	-434.2540236	-228.0840236	Varney-2018	-52.65402364
606381.87	5600354.8	61.87856013	54164.34	53783.28	53618.94	54036.9632	-418.0232048	-211.8532048	Varney-2018	-36.4232048
606377.43	5600360.72	61.27210546	54164.3	53787.69	53623.39	54036.99411	-413.6041091	-207.4341091	Varney-2018	-32.00410911
606376.27	5600365.59	60.88821855	54164.48	53781.74	53617.26	54037.0216	-419.7615961	-213.5915961	Varney-2018	-38.16159611
606374.56	5600369.34	60.56052693	54164.59	53755.85	53591.26	54037.04194	-445.7819368	-239.6119368	Varney-2018	-64.1819368
606373.09	5600372.09	60.3121266	54164.61	53763.63	53599.02	54037.05662	-438.0366247	-231.8666247	Varney-2018	-56.43662473
606373.89	5600381.45	59.69731337	54164.67	53780.33	53615.66	54037.11241	-421.4524076	-215.2824076	Varney-2018	-39.85240764
606371.22	5600387.4	59.18275531	54164.74	53782.37	53617.63	54037.14463	-419.5146274	-213.3446274	Varney-2018	-37.91462736
606370.41	5600389.16	59.03012492	54164.77	53771.94	53607.17	54037.15413	-429.9841277	-223.8141277	Varney-2018	-48.38412767
606370.91	5600399.41	58.34321976	54164.85	53709.83	53544.98	54037.2148	-492.2348044	-286.0648044	Varney-2018	-110.6348044
606370.72	5600405.3	57.93021774	54164.98	53682.46	53517.48	54037.24918	-519.7691767	-313.5991767	Varney-2018	-138.1691767
606376.05	5600404.29	58.20123362	54165	53692.96	53527.96	54037.24884	-509.2888429	-303.1188429	Varney-2018	-127.6888429
606368.25	5600411.7	57.39704125	54165.04	53703.47	53538.43	54037.28412	-498.8541194	-292.6841194	Varney-2018	-117.2541194
606362.46	5600410.36	57.26821344	54164.98	53728.29	53563.31	54037.27024	-473.960239	-267.790239	Varney-2018	-92.36023898
606359.66	5600419.09	56.55969676	54165.07	53842.74	53677.67	54037.31857	-359.6485732	-153.4785732	Varney-2018	21.95142683
606353.76	5600423.75	56.00840023	54165.2	53977.08	53811.88	54037.33992	-225.4599249	-19.28992488	Varney-2018	156.1400751
606344.78	5600426.35	55.4771183	54165.35	53947.23	53781.88	54037.3461	-255.4660989	-49.29609891	Varney-2018	126.1339011
606337.53	5600423.87	55.36351957	54165.44	53894.08	53728.64	54037.32421	-308.6842106	-102.5142106	Varney-2018	72.91578936
606332.47	5600435.67	54.42993927	54165.37	53877.58	53712.21	54037.38629	-325.176285	-119.006285	Varney-2018	56.42371496
606330.62	5600439.64	54.21278747	54165.43	53869.44	53704.01	54037.40429	-333.3942942	-127.2242942	Varney-2018	48.20570582
606322.42	5600438.13	53.93187212	54165.53	53801.43	53635.9	54037.38882	-401.4888157	-195.3188157	Varney-2018	-19.88881569
606319.66	5600438.08	53.82099341	54165.56	53804.72	53639.16	54037.38589	-398.225891	-192.055891	Varney-2018	-16.62589098
606320.73	5600445	53.59401454	54165.49	53797.81	53632.32	54037.42208	-405.1020759	-198.9320759	Varney-2018	-23.50207594
606315.21	5600447.89	53.23828608	54165.51	53812.85	53647.34	54037.43186	-390.0918649	-183.9218649	Varney-2018	-8.491864934
606316.75	5600448.7	53.27328496	54165.6	53815.83	53650.23	54037.43737	-387.2073705	-181.0373705	Varney-2018	-5.607370509
606314.99	5600448.22	53.21510815	54165.61	53861.79	53696.18	54037.43336	-341.253362	-135.083362	Varney-2018	40.34663795
606311.25	5600451.03	52.93198343	54165.67	53882.97	53717.3	54037.44455	-320.1445546	-113.9745546	Varney-2018	61.45544544
606309.57	5600457.01	52.60150799	54165.55	53896.17	53730.62	54037.47404	-306.8540425	-100.6840425	Varney-2018	74.74595747
606305.68	5600459.93	52.29125044	54165.51	53904.45	53738.94	54037.48609	-298.5460916	-92.37609162	Varney-2018	83.05390838
606300.46	5600465.61	51.78351053	54165.56	53911.76	53746.2	54037.51181	-291.311805	-85.141805	Varney-2018	90.288195
606296.79	5600468.43	51.47010673	54165.58	53936.57	53770.99	54037.52398	-266.5339849	-60.36398492	Varney-2018	115.0660151
606292.53	5600468.79	51.23798986	54165.41	53936.12	53770.71	54037.52286	-266.8128553	-60.64285534	Varney-2018	114.7871447
606286.41	5600466.44	50.92373219	54165.27	53931.45	53766.18	54037.50914	-271.3291356	-65.15913563	Varney-2018	110.2708644
606283.55	5600474.95	50.24228843	54165.13	53973.23	53808.1	54037.55574	-229.4557386	-23.28573864	Varney-2018	152.1442614
606280.02	5600474.21	49.94989969	54165.02	53990.87	53825.85	54037.55326	-211.703261	-5.533261026	Varney-2018	169.896739
606278.24	5600485.18	49.25559966	54165.07	54011.41	53846.34	54037.61236	-191.2723634	14.8976366	Varney-2018	190.3276366
606276.37	5600486.26	49.03135326	54165.11	54030.2	53865.09	54037.61884	-172.52884	33.64115997	Varney-2018	209.07116
606276.41	5600488.15	48.94421287	54165.15	54066.83	53901.68	54037.62887	-135.9488724	70.22112762	Varney-2018	245.6511276
606276.29	5600490.59	48.81594965	54165.07	54057.74	53892.67	54037.64189	-144.9718902	61.1981098	Varney-2018	236.6281098
606280.84	5600496.47	48.94879883	54165.18	53999.39	53834.21	54037.67147	-203.4614668	2.708533206	Varney-2018	178.1385332
606281.17	5600501.37	48.74163922	54165.23	53977.86	53812.63	54037.69744	-225.0674432	-18.8974432	Varney-2018	156.5325568
606287.23	5600506.72	49.03092856	54165.43	54002.33	53836.9	54037.72383	-200.823826	5.346174012	Varney-2018	180.776174
606292.24	5600507.93	49.34097023	54165.58	53989.91	53824.33	54037.73077	-213.4007721	-7.230772059	Varney-2018	168.1992279
606298.48	5600507.73	49.74251285	54165.16	53968.02	53802.86	54037.73212	-234.8721165	-28.70211649	Varney-2018	146.7278835
606301	5600516.23	50.28894078	54165.34	53947.12	53781.78	54037.75714	-255.9771407	-49.80714072	Varney-2018	125.6228593
606291.82	5600517.83	49.78120508	54165.66	53954.71	53789.05	54037.75824	-248.7082377	-42.5382377	Varney-2018	132.8917623
606291.53	5600522.05	50.01955824	54165.57	53962.63	53797.06	54037.76837	-240.7083723	-34.53837227	Varney-2018	140.8916277
606288.97	5600525.78	50.06288621	54165.18	53963.24	53798.06	54037.77704	-239.7170424	-33.54704235	Varney-2018	141.8829576
606284.33	5600527.35	49.7074158	54165.57	53948.72	53783.15	54037.7833	-254.6332958	-48.46329583	Varney-2018	126.9667042
606276.76	5600526.98	48.95301625	54165.55	53965.96	53800.41	54037.78628	-237.3762807	-31.20628067	Varney-2018	144.2237193
606273.02	5600526.01	48.53835851	54165.61	53993.53	53827.92	54037.78569	-209.8656869	-3.695686928	Varney-2018	171.7343131
606262.36	5600524.02	47.41004475	54165.81	54010.6	53844.79	54037.7857	-192.995704	13.17429597	Varney-2018	188.604296
606257.75	5600520.59	46.80189484	54165.85	53994.81	53828.96	54037.77852	-208.8185171	-2.648517054	Varney-2018	172.7814829

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606249.96	5600527.32	46.37426895	54165.83	53990.29	53824.46	54037.80107	-213.3410727	-7.171072687	Varney-2018	168.2589273
606248.87	5600535.53	46.64138395	54165.71	53989.13	53823.42	54037.82493	-214.4049268	-8.234926805	Varney-2018	167.1950732
606241.55	5600543.73	46.26022768	54165.82	53976.47	53810.65	54037.85315	-227.2031546	-21.03315456	Varney-2018	154.3968454
606235.31	5600540.04	45.46869791	54165.94	54003.5	53837.56	54037.84644	-200.2864371	5.883562926	Varney-2018	181.3135629
606229.32	5600538.25	44.79175283	54166.02	54018.76	53852.74	54037.84487	-185.1048707	21.06512932	Varney-2018	196.4951293
606224.65	5600541.72	44.44721716	54166.13	54032.95	53866.82	54037.85845	-171.0384506	35.13154944	Varney-2018	210.5615494
606214.19	5600539.95	43.32033316	54166.16	54036.69	53870.53	54037.85973	-167.3297288	38.84027125	Varney-2018	214.2702712
606210.65	5600539.88	43.25317407	54165.96	54029.82	53863.86	54037.85396	-173.993962	32.17603803	Varney-2018	207.606038
606212.9	5600544.37	43.37792103	54166.2	54033.38	53867.18	54037.87342	-170.6934154	35.47658457	Varney-2018	210.9065846
606208.69	5600552.85	43.72438905	54166.15	54027.73	53861.58	54037.88985	-176.3098512	29.86014877	Varney-2018	205.2901488
606207.53	5600557.72	43.91658237	54166.17	53996.33	53830.16	54037.90205	-207.7420516	-1.572051621	Varney-2018	173.8579484
606202.06	5600561.62	44.17191611	54166.18	53982.84	53816.66	54037.89981	-221.2398103	-15.06981033	Varney-2018	160.3601897
606200.72	5600564.7	44.32123276	54166.28	54001.5	53835.22	54037.90555	-202.6855451	3.484454936	Varney-2018	178.9144549
606196.95	5600572.42	44.72628213	54166.54	53998.73	53832.19	54037.91826	-205.728258	0.441742041	Varney-2018	175.871742
606190.14	5600576.5	45.09471552	54166.69	54000.89	53834.2	54037.91099	-203.7109926	2.459007352	Varney-2018	177.8890074
606186.51	5600584.11	45.55808151	54166.45	54004.37	53837.92	54037.922	-200.0020008	6.167999151	Varney-2018	181.5979992
606182.63	5600590.48	47.51289187	54166.51	53999.72	53833.21	54037.88791	-204.6779113	1.492088742	Varney-2018	176.9220887
606182.6	5600595.48	49.16459813	54166.79	54009.92	53843.13	54037.86423	-194.7342298	11.43577016	Varney-2018	186.8657702
606178.95	5600597.19	49.8328036	54166.61	54028.7	53862.09	54037.84592	-175.7559187	30.41408132	Varney-2018	205.8440813
606177.81	5600607.73	53.32135762	54166.91	54063.6	53896.69	54037.79361	-141.1036088	65.06639118	Varney-2018	240.4963912
606178.59	5600614.87	55.64694547	54167.02	54068.17	53901.15	54037.76236	-136.6123574	69.5576426	Varney-2018	244.9876426
606180.94	5600621.15	57.66813049	54167.19	54062.05	53894.86	54037.73893	-142.8789298	63.29107017	Varney-2018	238.7210702
606177.05	5600627.74	59.89357644	54167.21	54057.75	53890.54	54037.69853	-147.1585277	59.01147233	Varney-2018	234.4414723
606169.81	5600642.5	64.78040853	54167.91	54054.7	53886.79	54037.61365	-150.8236495	55.34635047	Varney-2018	230.7763505
606168.87	5600646.82	66.18568177	54168.1	54028.41	53860.31	54037.59189	-177.2818909	28.88810912	Varney-2018	204.3181091
606167.98	5600656.03	69.16799389	54168.05	53961.9	53793.85	54037.54815	-243.6981514	-37.52815136	Varney-2018	137.9018486
606160.93	5600650.77	67.49084039	54168.29	53945.56	53777.27	54037.55693	-260.2869261	-54.11692607	Varney-2018	121.3130739
606163.04	5600658.38	69.92663395	54168.33	53959.52	53791.19	54037.52738	-246.3373793	-40.1673793	Varney-2018	135.2626207
606158.44	5600661.4	70.83298821	54168.4	53997.11	53828.71	54037.50609	-208.7960932	-2.62609321	Varney-2018	172.8039068
606151.47	5600673.5	73.02087484	54168.42	54033.68	53865.26	54037.48263	-172.2226318	33.94736817	Varney-2018	209.3773682
606148.59	5600675.55	73.39810277	54168.49	54021.87	53853.38	54037.475	-184.0949956	22.07500436	Varney-2018	197.5050044
606149.68	5600677.8	73.80572679	54168.29	54044.17	53875.88	54037.47551	-161.5955095	44.57449053	Varney-2018	220.0044905
606149.68	5600677.91	73.80572679	54168.07	54056.57	53888.5	54037.47551	-148.9755095	57.19449053	Varney-2018	232.6244905
606144.01	5600681.36	74.47052873	54168.11	54078.41	53910.3	54037.46062	-127.1606185	79.00938153	Varney-2018	254.4393815
606146.6	5600689.86	76.01548558	54168.51	54139.25	53970.74	54037.45929	-66.71928992	139.4507101	Varney-2018	314.8807101
606133.85	5600689.6	76.00255555	54168.18	54205.98	54037.8	54037.43241	0.367586734	206.5375867	Varney-2018	381.9675867
606131.99	5600693.9	76.80711081	54167.99	54185.43	54017.44	54037.42462	-19.98462435	186.1853757	Varney-2018	361.6153757
606122.88	5600699.17	77.83274378	54168.11	54142.01	53973.9	54037.40001	-63.5000087	142.6699913	Varney-2018	318.0999913
606124.92	5600703.77	78.71265757	54168.18	54134.43	53966.25	54037.39944	-71.1494372	135.0205628	Varney-2018	310.4505628
606125.85	5600717.03	81.25636979	54168.21	54131.01	53962.8	54037.38744	-74.58743589	131.5825641	Varney-2018	307.0125641
606127.29	5600730.07	83.72931808	54168.31	54125.36	53957.05	54037.37747	-80.32746959	125.8425304	Varney-2018	301.2725304
606125.98	5600735.38	84.78157926	54168.28	54106.6	53938.32	54037.36832	-99.0483181	107.1216819	Varney-2018	282.5516819
606125.05	5600742.93	86.26079332	54168.07	54090.23	53922.16	54037.35767	-115.1976696	90.97233037	Varney-2018	266.4023304
606121.18	5600744.74	86.71741768	54167.87	54078.45	53910.58	54037.34492	-126.7649249	79.40507512	Varney-2018	254.8350751
606124.3	5600748.48	87.34960987	54167.92	54067.1	53899.18	54037.34967	-138.1696673	68.00033271	Varney-2018	243.4303327
606119.78	5600754.72	88.67292591	54168.27	54051.43	53883.16	54037.33049	-154.1704933	51.99950669	Varney-2018	227.4295067
606118.98	5600758.94	89.50470895	54168.65	54042.23	53873.58	54037.32383	-163.7438338	42.42616616	Varney-2018	217.8561662
606116.57	5600766.12	90.94621428	54168.77	54034.55	53865.78	54037.30965	-171.5296529	34.64034712	Varney-2018	210.0703471
606113.55	5600775.07	92.73957271	54168.07	54001.85	53833.78	54037.29204	-203.5120363	2.657963694	Varney-2018	178.0879637
606115.7	5600777.78	93.20413902	54167.61	53986.95	53819.34	54037.29507	-217.9550732	-11.78507323	Varney-2018	163.6449268
606105.27	5600781.57	94.19152896	54167.64	53979.34	53811.7	54037.26278	-225.5627823	-19.39278226	Varney-2018	156.0372177
606100.63	5600779.7	93.95141085	54167.89	53997.98	53830.09	54037.25207	-207.1620737	-0.992073666	Varney-2018	174.4379263
606094.79	5600788.48	95.76657645	54168.01	54027.59	53859.58	54037.2274	-177.6474035	28.52259653	Varney-2018	203.9525965
606084.43	5600775.03	93.47568018	54167.95	54059.87	53891.92	54037.21258	-145.2925757	60.87742427	Varney-2018	236.3074243
606080.18	5600781.96	94.89276503	54167.8	54075.93	53908.13	54037.19426	-129.0642559	77.10574413	Varney-2018	252.5357441
606076.38	5600787.66	96.06223306	54167.94	54079.27	53911.33	54037.17846	-125.8484594	80.32154059	Varney-2018	255.7515406
606070.19	5600795.66	97.71815052	54167.66	54098.11	53930.45	54037.15414	-106.7041443	99.46585572	Varney-2018	274.8958557
606061.99	5600801.83	99.06991398	54167.61	54104.83	53937.22	54037.12638	-99.90637911	106.2636209	Varney-2018	281.6936209
606059.46	5600807.79	100.1162488	54167.83	54076.8	53908.97	54037.11751	-128.1475068	78.02249317	Varney-2018	253.4524932
606055.47	5600818.94	102.1355549	54167.9	54071.71	53903.81	54037.10079	-133.2907935	72.87920655	Varney-2018	248.3092065
606046.34	5600825.66	103.1807303	54168.08	54056.63	53888.55	54037.08148	-148.5314763	57.63852366	Varney-2018	233.0685237
606047.08	5600830.9	104.2517953	54168.05	54022.64	53854.59	54037.07575	-182.48575	23.68425001	Varney-2018	199.11425
606039.51	5600834.08	104.6776563	54167.98	53977.64	53809.66	54037.06176	-227.4017628	-21.23176277	Varney-2018	154.1982372
606040.41	5600838.44	105.5849222	54167.94	53938	53770.06	54037.05716	-266.997155	-60.82715503	Varney-2018	114.602845

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606042.1	5600842.37	106.4223373	54168.11	53920.64	53752.53	54037.05428	-284.5242845	-78.35428455	Varney-2018	97.07571545
606038.14	5600845.85	107.0304107	54168.41	53889.26	53720.85	54037.04408	-316.1940843	-110.0240843	Varney-2018	65.40591567
606039.12	5600849.98	107.8912353	54168.58	53882.94	53714.36	54037.03994	-322.6799435	-116.5099435	Varney-2018	58.92005645
606037.79	5600863.19	110.5464223	54168.63	53853.63	53685	54037.02014	-352.020141	-145.850141	Varney-2018	29.57985902
606034.77	5600865.13	110.8888788	54169.23	53807.78	53638.55	54037.0127	-398.462695	-192.292695	Varney-2018	-16.862695
606032.83	5600869.99	111.8516077	54169.25	53754.37	53585.12	54037.00281	-451.8828067	-245.7128067	Varney-2018	-70.28280671
606026.88	5600873.32	112.4485991	54169.33	53734.29	53564.96	54036.98821	-472.0282099	-265.8582099	Varney-2018	-90.42820988
606020.37	5600872.85	112.2567505	54169.38	53785.49	53616.11	54036.97804	-420.8680394	-214.6980394	Varney-2018	-39.26803944
606014.98	5600879.97	113.6811384	54169.44	53832.81	53663.37	54036.95795	-373.5879527	-167.4179527	Varney-2018	8.012047291
606009.52	5600880.08	113.6385433	54169.48	53884.7	53715.22	54036.94832	-321.7283208	-115.5583208	Varney-2018	59.87167923
606007.3	5600885.04	114.6716307	54169.47	53858.58	53689.11	54036.93639	-347.8263949	-141.6563949	Varney-2018	33.77360506
605999.08	5600892	115.9500606	54169.45	53816.71	53647.26	54036.91373	-389.6537257	-183.4837257	Varney-2018	-8.053725708
605997.84	5600893.42	116.1796505	54169.31	53859.02	53689.71	54036.91083	-347.2008266	-141.0308266	Varney-2018	34.3991734
605991.83	5600899.75	117.1582863	54169.22	53841.69	53672.47	54036.8981	-364.4281021	-158.2581021	Varney-2018	17.17189793
605985.86	5600893.96	116.1106018	54169.1	53867.2	53698.1	54036.89025	-338.7902516	-132.6202516	Varney-2018	42.80974837
605983.72	5600901.25	117.2611909	54169.07	53915.29	53746.22	54036.88479	-290.6647868	-84.49478682	Varney-2018	90.93521318
605990.09	5600905.16	118.0219216	54169.04	53890.89	53721.85	54036.89348	-315.0434756	-108.8734756	Varney-2018	66.55652441
605985.39	5600913.3	119.2325014	54169.07	53928.71	53759.64	54036.8846	-277.244599	-71.07459901	Varney-2018	104.355401
605988.3	5600920.14	120.4382993	54169.15	53903.33	53734.18	54036.88622	-302.7062159	-96.53621595	Varney-2018	78.89378405
605993.86	5600932.83	122.7765768	54169.19	53918.29	53749.1	54036.88686	-287.786861	-81.61686104	Varney-2018	93.81313896
605992.43	5600937.14	123.4325711	54169.29	53916.24	53746.95	54036.88394	-289.9339352	-83.76393525	Varney-2018	91.66606475
605992.88	5600946.38	125.0062585	54169.35	53914.77	53745.42	54036.88044	-291.4604388	-85.29043876	Varney-2018	90.13956124
605991.93	5600951.36	125.78374	54169.39	54003.23	53833.84	54036.87798	-203.0379818	3.132018223	Varney-2018	178.5620182
605981.13	5600952.7	125.4972826	54169.41	54040.86	53871.45	54036.86883	-165.4188298	40.75117015	Varney-2018	216.1811702
605973.04	5600953.1	125.3568113	54169.44	54073.68	53904.24	54036.85757	-132.6175686	73.55243143	Varney-2018	248.9824314
605967.29	5600953.54	125.2806059	54169.49	54106.37	53936.88	54036.84957	-99.96956651	106.2004335	Varney-2018	281.6304335
605961.23	5600969.54	127.5510687	54169.61	54129.54	53959.93	54036.84153	-76.91153433	129.2584657	Varney-2018	304.6884657
605959.86	5600973.96	128.1333738	54169.72	54151.64	53981.92	54036.84113	-54.92113106	151.2488689	Varney-2018	326.6788689
605949.66	5600970.42	127.3364255	54169.72	54140.9	53971.18	54036.82704	-65.64703764	140.5229624	Varney-2018	315.9529624
605947.26	5600976.71	128.1333088	54169.7	54136.97	53967.27	54036.82638	-69.55638259	136.6136174	Varney-2018	312.0436174
605945.71	5600976.68	128.0815586	54169.6	54118.9	53949.3	54036.82445	-87.52445308	118.6455469	Varney-2018	294.0755469
605931.3	5600984.73	128.7191929	54169.67	54097.07	53927.4	54036.81048	-109.4104838	96.75951618	Varney-2018	272.1895162
605932.9	5600989.44	129.4051042	54169.68	54114.08	53944.4	54036.8146	-92.41459919	113.7554008	Varney-2018	289.1854008
605931.23	5600991.85	129.6722886	54169.67	54140.4	53970.73	54036.81382	-66.0838198	140.0861802	Varney-2018	315.5161802
605924.82	5600993.17	129.6282274	54169.61	54130.93	53961.32	54036.80717	-75.48716561	130.6828344	Varney-2018	306.1128344
605922.06	5600996.45	129.9662015	54169.56	54177.21	54007.65	54036.80579	-29.15578587	177.0142141	Varney-2018	352.4442141
605918.05	5601005.38	130.9960302	54169.59	54175.42	54005.83	54036.80631	-30.97631201	175.193688	Varney-2018	350.623688
605917.83	5601009.49	131.5266628	54169.7	54187.62	54017.92	54036.80839	-18.88838738	187.2816126	Varney-2018	362.7116126
605924.08	5601022.96	133.5510607	54169.83	54220.12	54050.29	54036.82193	13.46807327	219.6380733	Varney-2018	395.0680733
605921.26	5601029.25	134.2640667	54169.85	54221.95	54052.1	54036.82263	15.27736543	221.4473654	Varney-2018	396.8773654
605915.21	5601033.91	134.6133254	54169.82	54230.49	54060.67	54036.81978	23.85022182	230.0202218	Varney-2018	405.4502218
605907.73	5601032.65	133.9726113	54169.76	54256.66	54086.9	54036.81633	50.08366558	256.2536656	Varney-2018	431.6836656
605905.8	5601036.83	134.2873248	54169.69	54281.36	54111.67	54036.82091	74.84908847	281.0190885	Varney-2018	456.4490885
605899.6	5601052.5	134.9472706	54169.71	54299	54129.29	54036.85399	92.43601224	298.6060122	Varney-2018	474.0360122
605895.24	5601057.98	134.8507418	54169.73	54279.73	54110	54036.86974	73.13025913	279.3002591	Varney-2018	454.7302591
605899.47	5601062.29	135.6713663	54169.74	54264.81	54095.07	54036.87406	58.19593665	264.3659367	Varney-2018	439.7959367
605904	5601066.16	136.4938799	54169.74	54247.53	54077.79	54036.87717	40.91282635	247.0828264	Varney-2018	422.5128264
605903.66	5601072.83	136.9577803	54169.71	54252.78	54083.07	54036.89112	46.17888405	252.348884	Varney-2018	427.778884
605900.45	5601080.77	137.1816377	54169.66	54286.23	54116.57	54036.91067	79.65933238	285.8293324	Varney-2018	461.2593324
605898.48	5601090.3	137.6707165	54169.6	54276.61	54107.01	54036.93215	70.07784875	276.2478488	Varney-2018	451.6778488
605895.1	5601096.68	137.7568678	54169.56	54305.31	54135.75	54036.9487	98.80129529	304.9712953	Varney-2018	480.4012953
605888.18	5601098.77	137.1046736	54169.61	54299.4	54129.79	54036.96025	92.82975004	298.99975	Varney-2018	474.42975
605879.62	5601101.71	136.3246978	54169.73	54245.76	54076.03	54036.97525	39.05474638	245.2247464	Varney-2018	420.6547464
605875.21	5601105.85	136.1211236	54169.79	54246.82	54077.03	54036.98833	40.04167004	246.21167	Varney-2018	421.64167
605875.89	5601114.21	136.832045	54169.88	54239.06	54069.18	54037.00464	32.17536074	238.3453607	Varney-2018	413.7753607
605869.93	5601114.75	136.1751728	54169.84	54234.81	54064.97	54037.01202	27.95798343	234.1279834	Varney-2018	409.5579834
605863.15	5601113.39	135.2788323	54169.79	54253.62	54083.83	54037.01639	46.81361191	252.9836119	Varney-2018	428.4136119
605851.73	5601117.61	134.1519915	54169.76	54290.36	54120.6	54037.0399	83.56010399	289.730104	Varney-2018	465.160104
605843.82	5601116.45	133.2427248	54169.76	54282.84	54113.08	54037.0431	76.036901	282.206901	Varney-2018	457.636901
605838.5	5601119.9	132.5691414	54169.83	54200.98	54031.15	54037.06399	-5.913990197	200.2560098	Varney-2018	375.6860098
605835.57	5601124.63	132.1557757	54169.99	54149.04	53979.05	54037.08805	-58.03805418	148.1319458	Varney-2018	323.5619458
605828.24	5601126.48	130.8646015	54169.92	54168.3	53998.38	54037.11474	-38.73474169	167.4352583	Varney-2018	342.8652583
605818.75	5601132.97	129.0282784	54169.83	54165.5	53995.67	54037.17021	-41.50020654	164.6697935	Varney-2018	340.0997935
605819.77	5601145.44	129.1446422	54170.11	54155.53	53985.42	54037.21959	-51.79959415	154.3704059	Varney-2018	329.8004059

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605816.63	5601150.05	128.5687146	54169.88	54129.71	53959.83	54037.24706	-77.41705535	128.7529447	Varney-2018	304.1829447
605809.65	5601151.91	127.349737	54169.75	54190.16	54020.41	54037.27259	-16.86258602	189.307414	Varney-2018	364.737414
605803.64	5601158.36	126.3352887	54169.62	54265.69	54096.07	54037.31323	58.75677459	264.9267746	Varney-2018	440.3567746
605802.61	5601163.67	126.1880902	54169.76	54319.31	54149.55	54037.33647	112.2135298	318.3835298	Varney-2018	493.8135298
605802.14	5601169.78	126.1433638	54169.85	54324.06	54154.21	54037.36138	116.8486223	323.0186223	Varney-2018	498.4486223
605803.96	5601177.49	126.4715024	54170.31	54274.5	54104.19	54037.38756	66.80244337	272.9724434	Varney-2018	448.4024434
605800.11	5601182.31	125.898884	54170.62	54180.73	54010.11	54037.41432	-27.30432095	178.8656791	Varney-2018	354.2956791
605793.53	5601185.18	124.9164398	54170.38	54130.03	53959.65	54037.43848	-77.78847723	128.3815228	Varney-2018	303.8115228
605793.27	5601191.07	124.9425164	54170.21	54088.58	53918.37	54037.46105	-119.0910481	87.07895186	Varney-2018	262.5089519
605790	5601202.35	124.1807752	54170.41	54026.43	53856.02	54037.52012	-181.5001201	24.66987987	Varney-2018	200.0998799
605785.59	5601203.26	123.5139355	54170.45	53962.27	53791.82	54037.53244	-245.7124379	-39.54243792	Varney-2018	135.8875621
605781.49	5601202.74	122.9327313	54170.5	53909.13	53738.63	54037.53734	-298.9073425	-92.73734245	Varney-2018	82.69265755
605773.21	5601209.13	121.5677408	54170.57	53840.14	53669.57	54037.58238	-368.0123805	-161.8423805	Varney-2018	13.58761946
605772.45	5601215.01	121.3105904	54170.65	53787.97	53617.32	54037.6114	-420.2913995	-214.1213995	Varney-2018	-38.69139946
605766.95	5601217.13	120.4759334	54171.11	53830.37	53659.26	54037.63082	-378.3708211	-172.2008211	Varney-2018	3.229178921
605762.58	5601223.16	119.7169914	54171.55	53844.69	53673.14	54037.66635	-364.52635	-158.35635	Varney-2018	17.07364995
605764.78	5601229.99	119.8667044	54171.06	53904.63	53733.57	54037.69449	-304.1244874	-97.95448741	Varney-2018	77.47551259
605757.28	5601243.74	118.5207617	54171.36	53908.56	53737.2	54037.77036	-300.570356	-94.400356	Varney-2018	81.029644
605754.24	5601246.57	118.0267919	54171.35	53950.08	53778.73	54037.78866	-259.058656	-52.888656	Varney-2018	122.541344
605745.91	5601252.3	116.7185069	54171	53951.1	53780.1	54037.82942	-257.7294201	-51.55942009	Varney-2018	123.8705799
605746.12	5601255.64	116.7185069	54170.42	53894.02	53723.6	54037.82942	-314.2294201	-108.0594201	Varney-2018	67.37057991
605742.37	5601258.9	94.23598137	54170.18	53898.95	53728.77	54039.94318	-311.1731839	-105.0031839	Varney-2018	70.42681612
605737.92	5601265.26	92.55166854	54170.5	53832.06	53661.56	54040.00248	-378.4424777	-172.2724777	Varney-2018	3.1575223
605739.26	5601269.07	93.63319685	54171.13	53781.6	53610.47	54039.97069	-429.5006875	-223.3306875	Varney-2018	-47.90068745
605797.41	5600559.69	46.13525171	54183.51	53972.83	53789.32	54036.72819	-247.4081864	-41.23818643	Varney-2018	134.1918136
605792.84	5600561.26	46.38097898	54183.59	53981.85	53798.26	54036.71863	-238.4586299	-32.28862989	Varney-2018	143.1413701
605790.64	5600565.11	46.89114787	54183.59	54004.58	53820.99	54036.71614	-215.7261367	-9.556136709	Varney-2018	165.8738633
605784.63	5600567.77	47.25907564	54183.25	54008.73	53825.48	54036.70479	-211.2247868	-5.054786772	Varney-2018	170.3752132
605779.66	5600571.9	47.78303747	54183.41	54001.74	53818.33	54036.69737	-218.3673726	-12.19737264	Varney-2018	163.2326274
605777.27	5600574.41	48.08916496	54183.54	54001.22	53817.68	54036.69449	-219.0144877	-12.84448766	Varney-2018	162.5855123
605775.85	5600578.16	48.53633869	54183.7	53993.38	53809.68	54036.69486	-227.014863	-20.84486295	Varney-2018	154.585137
605769.75	5600581.6	48.92477914	54183.64	53994.13	53810.49	54036.68594	-226.1959362	-20.02593616	Varney-2018	155.4040638
605760.17	5600582.52	48.99324131	54183.7	53993.97	53810.27	54036.66817	-226.3981708	-20.22817084	Varney-2018	155.2018292
605755.06	5600585.97	49.32100186	54183.85	53976.44	53792.59	54036.66293	-244.0729268	-37.90292675	Varney-2018	137.5270732
605750.85	5600590.9	49.65970286	54183.64	53948.24	53764.6	54036.66522	-272.0652212	-65.89522118	Varney-2018	109.5347788
605749.68	5600592.98	49.80394218	54183.78	53943.48	53759.7	54036.6674	-276.9673982	-70.79739821	Varney-2018	104.6326018
605749.57	5600598.32	50.17611612	54183.6	53976.18	53792.58	54036.67888	-244.0988784	-37.92887838	Varney-2018	137.5011216
605746.73	5600598.71	50.20344534	54183.68	53983.04	53799.36	54036.6739	-237.3138991	-31.14389909	Varney-2018	144.2861009
605740.5	5600601.7	50.41451181	54183.85	53996.93	53813.08	54036.66759	-223.5875928	-17.41759279	Varney-2018	158.0124072
605741.01	5600608.27	50.87715183	54183.76	53997.07	53813.31	54036.68292	-223.3729162	-17.20291623	Varney-2018	158.2270838
605734.41	5600619.04	51.64767916	54183.89	53950.2	53766.31	54036.69245	-270.3824477	-64.2124477	Varney-2018	111.2175523
605731.33	5600624.32	52.0295473	54183.75	53929.76	53746.01	54036.69733	-290.6873308	-84.51733075	Varney-2018	90.91266925
605731.67	5600628.66	52.33798179	54183.67	53926.2	53742.53	54036.70738	-294.1773844	-88.00738436	Varney-2018	87.42261564
605733.53	5600638.15	53.00768625	54183.41	53929.26	53745.85	54036.73179	-290.8817855	-84.71178546	Varney-2018	90.71821454
605736.5	5600642.11	53.27794122	54183.22	53951.57	53768.35	54036.74672	-268.3967154	-62.22671543	Varney-2018	113.2032846
605637.29	5600750.9	55.98219939	54184.51	53699.63	53515.12	54036.91093	-521.7909313	-315.6209313	Varney-2018	-140.1909313
605641.67	5600758.33	56.68558141	54184.51	53671.58	53487.07	54036.93129	-549.8612861	-343.6912861	Varney-2018	-168.2612861
605637.83	5600773.16	57.37159134	54184.57	53631.73	53447.16	54036.96513	-589.8051301	-383.6351301	Varney-2018	-208.2051301
605635.01	5600779.77	57.59687156	54184.4	53625.47	53441.07	54036.98007	-595.9100748	-389.7400748	Varney-2018	-214.3100748
605633.23	5600779.85	57.48901488	54184.65	53614.04	53429.39	54036.97961	-607.5896055	-401.4196055	Varney-2018	-225.9896055
605630.88	5600784.03	57.58737322	54184.42	53615.5	53431.08	54036.98906	-605.9090629	-399.7390629	Varney-2018	-224.3090629
605628.63	5600790.32	57.8101639	54184.69	53619.6	53434.91	54037.00395	-602.0939506	-395.9239506	Varney-2018	-220.4939506
605626.85	5600797.96	58.13522669	54184.34	53594.73	53410.39	54037.02255	-626.632545	-420.462545	Varney-2018	-245.032545
605626.76	5600802.3	58.38060919	54184.64	53603.16	53418.52	54037.03339	-618.5133876	-412.3433876	Varney-2018	-236.9133876
605622.85	5600806.56	58.35055766	54184.64	53608.91	53424.27	54037.04337	-612.7733725	-406.6033725	Varney-2018	-231.1733725
605613.03	5600811.81	57.93894715	54184.75	53611.88	53427.13	54037.05535	-609.9253487	-403.7553487	Varney-2018	-228.3253487
605607.42	5600815.93	57.82316855	54184.54	53612.29	53427.75	54037.06355	-609.3135524	-403.1435524	Varney-2018	-227.7135524
605606.48	5600824.03	58.36667348	54184.57	53635.59	53451.02	54037.07993	-586.0599339	-379.8899339	Varney-2018	-204.4599339
605603.86	5600830.87	58.82306576	54184.83	53649.91	53465.08	54037.09009	-572.010086	-365.840086	Varney-2018	-190.410086
605597.5	5600833.41	58.92339428	54184.82	53686.23	53501.41	54037.08463	-535.6746311	-329.5046311	Varney-2018	-154.0746311
605594.72	5600841.37	59.47017961	54184.96	53721.3	53536.34	54037.09658	-500.7565822	-294.5865822	Varney-2018	-119.1565822
605586.08	5600844.64	59.5722417	54185.22	53688.76	53503.54	54037.08935	-533.5493502	-327.3793502	Varney-2018	-151.9493502
605582.94	5600849.36	59.86043442	54185.48	53705.47	53519.99	54037.09433	-517.1043306	-310.9343306	Varney-2018	-135.5043306
605587.1	5600861.01	60.7742089	54185.49	53691.79	53506.3	54037.1257	-530.825703	-324.655703	Varney-2018	-149.225703

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605574.89	5600861.77	60.59901702	54185.34	53609.59	53424.25	54037.10836	-612.8583553	-406.6883553	Varney-2018	-231.2583553
605570.38	5600860.57	60.43033365	54185.71	53744.47	53558.76	54037.09872	-478.3387228	-272.1687228	Varney-2018	-96.73872276
605568.57	5600869.65	61.02677279	54185.58	53769.54	53583.96	54037.11587	-453.1558732	-246.9858732	Varney-2018	-71.55587324
605566.91	5600874.4	61.32174112	54185.95	53802.29	53616.34	54037.12383	-420.7838333	-214.6138333	Varney-2018	-39.18383326
605562.08	5600875.08	61.26721197	54186	53815.1	53629.1	54037.11811	-408.0181119	-201.8481119	Varney-2018	-26.41811185
605554.48	5600879.38	61.39602125	54185.85	53814.81	53628.96	54037.11647	-408.1564672	-201.9864672	Varney-2018	-26.55646717
605545.96	5600879.99	61.25103148	54186.13	53772.41	53586.28	54037.10529	-450.8252873	-244.6552873	Varney-2018	-69.22528735
605542.47	5600884.48	61.46742808	54186.33	53622.58	53436.25	54037.11052	-600.8605243	-394.6905243	Varney-2018	-219.2605243
605539.49	5600891.87	61.86363107	54186.42	53482.79	53296.37	54037.12376	-740.7537562	-534.5837562	Varney-2018	-359.1537562
605536.51	5600899.04	62.23170986	54186.31	53521.37	53335.06	54037.13685	-702.0768451	-495.9068451	Varney-2018	-320.4768451
605543.02	5600899.73	62.40982982	54186.38	53586.12	53399.74	54037.14827	-637.4082725	-431.2382725	Varney-2018	-255.8082725
605540.35	5600909.24	62.92372829	54186.38	53772.19	53585.81	54037.16758	-451.3575844	-245.1875844	Varney-2018	-69.75758441
605534.39	5600909.45	62.8237554	54186.41	53799.76	53613.35	54037.15885	-423.8088495	-217.6388495	Varney-2018	-42.20884952
605536.1	5600912.27	63.02751818	54186.57	53888.11	53701.54	54037.16835	-335.628349	-129.458349	Varney-2018	45.97165098
605528.37	5600919.68	63.34453661	54186.44	53888.43	53701.99	54037.17401	-335.1840104	-129.0140104	Varney-2018	46.41598958
605525.39	5600919.95	63.30494893	54186.69	53908.15	53721.46	54037.17003	-315.7100338	-109.5400338	Varney-2018	65.88996622
605521.47	5600924.32	63.51116387	54186.48	53902.03	53715.55	54037.17417	-321.6241729	-115.4541729	Varney-2018	59.9758271
605518.76	5600932.28	63.97892024	54186.72	53910.71	53723.99	54037.18836	-313.1983633	-107.0283633	Varney-2018	68.40163669
605513.41	5600934.28	64.0260561	54186.53	53901.98	53715.45	54037.18421	-321.7342106	-115.5642106	Varney-2018	59.86578944
605507.45	5600934.61	63.95639609	54186.74	53919.18	53732.44	54037.17516	-304.7351562	-98.56515616	Varney-2018	76.86484384
605503.22	5600936.97	64.05349809	54186.61	53911.28	53724.67	54037.17343	-312.5034317	-106.3334317	Varney-2018	69.09656828
605501.2	5600942.05	64.37496711	54186.88	53912.11	53725.23	54037.18128	-311.9512824	-105.7812824	Varney-2018	69.64871755
605498.91	5600947	64.68909034	54186.68	53937.5	53750.82	54037.18825	-286.3682484	-80.1982484	Varney-2018	95.2317516
605493.54	5600949.46	64.79771518	54186.66	53950.01	53763.35	54037.18428	-273.8342818	-67.66428176	Varney-2018	107.7657182
605493.28	5600955.46	65.22125706	54186.96	53962.28	53775.32	54037.19676	-261.876755	-55.70675501	Varney-2018	119.723245
605487.63	5600961.46	65.59831342	54186.82	53937.78	53750.96	54037.1994	-286.2393956	-80.06939562	Varney-2018	95.36060438
605486.41	5600969.33	65.97229439	54186.92	53916.38	53729.46	54037.21877	-307.758769	-101.588769	Varney-2018	73.84123096
605480.62	5600975.56	66.15940209	54186.7	53932.08	53745.38	54037.22709	-291.8470913	-85.67709131	Varney-2018	89.75290869
605475.96	5600978.25	66.24556641	54186.94	53978.97	53792.03	54037.22611	-245.1961075	-39.02610751	Varney-2018	136.4038925
605470.44	5600985.03	66.50554066	54186.97	53963.95	53776.98	54037.23527	-260.255273	-54.08527305	Varney-2018	121.344727
605462.19	5600989.65	66.71472445	54186.95	53989.59	53802.64	54037.23145	-234.5914532	-28.42145323	Varney-2018	147.0085468
605464.02	5600993.91	66.89164665	54186.99	53942.78	53755.79	54037.24773	-281.4577297	-75.28772965	Varney-2018	100.1422703
605459.94	5600999.28	67.15074804	54186.86	53909.7	53722.84	54037.25418	-314.4141772	-108.2441772	Varney-2018	67.18582284
605454.33	5601003.51	67.38995095	54187.14	53885.13	53697.99	54037.2534	-339.263405	-133.093405	Varney-2018	42.33659505
605445.21	5600998.87	66.7959521	54187.02	53860.55	53673.53	54037.23169	-363.7016923	-157.5316923	Varney-2018	17.89830769
605439.25	5600999.42	66.57890868	54187.21	53880.88	53693.67	54037.22744	-343.5574371	-137.3874371	Varney-2018	38.04256295
605437.84	5601006.07	66.88105403	54187.02	53890.41	53703.39	54037.2434	-333.8533963	-127.6833963	Varney-2018	47.74660373
605430.12	5601012.7	66.96687563	54187.26	53906.6	53719.34	54037.25206	-317.9120592	-111.7420592	Varney-2018	63.68794077
605425	5601013.48	66.83223332	54187.17	53885.23	53698.06	54037.24827	-339.1882715	-133.0182715	Varney-2018	42.41172847
605421.6	5601013.53	66.71610508	54187.44	53877.66	53690.22	54037.24457	-347.0245742	-140.8545742	Varney-2018	34.57542579
605419.17	5601014.48	66.69007295	54187.35	53834.38	53647.03	54037.24411	-390.2141145	-184.0441145	Varney-2018	-8.61411453
605219.16	5600725.72	78.82740608	54144.64	53821.89	53677.25	54035.06349	-357.8134909	-151.6434909	Varney-2018	23.78650913
605220.91	5600733.43	79.44669184	54144.63	53800.76	53656.13	54035.08181	-378.9518117	-172.7818117	Varney-2018	2.648188265
605222.74	5600734.13	79.80432852	54144.64	53819.06	53674.42	54035.07891	-360.6589096	-154.4889096	Varney-2018	20.94109035
605226.99	5600730.99	80.32203101	54144.66	53908.41	53763.75	54035.06121	-271.3112116	-65.14121156	Varney-2018	110.2887884
605226.87	5600729.76	80.28194475	54144.81	53870.68	53725.87	54035.05706	-309.187058	-103.017058	Varney-2018	72.41294202
605228.79	5600726.13	79.92772804	54144.73	53859.39	53714.66	54035.05573	-320.3957285	-114.2257285	Varney-2018	61.20427149
605230.66	5600721.16	79.53349818	54144.86	53867.98	53723.12	54035.04994	-311.9299427	-105.7599427	Varney-2018	69.67005732
605233.09	5600716.21	79.09814765	54144.72	53829.85	53685.13	54035.04648	-349.9164785	-143.7464785	Varney-2018	31.68352152
605232.44	5600709.85	78.91102535	54144.72	53796	53651.28	54035.02441	-383.744406	-177.574406	Varney-2018	-2.144405976
605234.63	5600703	78.4490718	54144.62	53913.58	53768.96	54035.01348	-266.0534763	-59.88347626	Varney-2018	115.5465237
605236.83	5600699.6	78.1316747	54144.48	53911.32	53766.84	54035.01267	-268.1726742	-62.00267419	Varney-2018	113.4273258
605243.32	5600694.16	77.40028778	54144.4	53805.83	53661.43	54035.02342	-373.5934203	-167.4234203	Varney-2018	8.006579667
605247.86	5600693.81	77.01702065	54144.46	53810.35	53665.89	54035.0415	-369.1514966	-162.9814966	Varney-2018	12.44850343
605246.93	5600690.9	77.00663357	54144.33	53874.08	53729.75	54035.0281	-305.2781024	-99.10810238	Varney-2018	76.32189762
605246.61	5600685.55	76.87191205	54144.35	53928.56	53784.21	54035.0094	-250.7993987	-44.62939867	Varney-2018	130.8006013
605249.5	5600675.6	76.37159088	54144.46	53958.28	53813.82	54034.9884	-221.1683959	-14.99839585	Varney-2018	160.4316041
605250.58	5600671.29	76.17816297	54144.46	53954.23	53809.77	54034.97833	-225.2083272	-19.03832721	Varney-2018	156.3916728
605251.97	5600669.2	76.02963614	54144.39	53918.4	53774.01	54034.97668	-260.9666756	-54.79667556	Varney-2018	120.6333244
605255.79	5600665.61	75.69268834	54144.37	53936.15	53791.78	54034.97895	-243.1989505	-37.02895053	Varney-2018	138.4010495
605259.13	5600661.67	75.39548928	54144.24	53976.71	53832.47	54034.97777	-202.5077708	3.662229177	Varney-2018	179.0922292
605263.97	5600657.32	75.02819997	54144.14	53989.83	53845.69	54034.97987	-189.2898737	16.88012629	Varney-2018	192.3101263
605269.38	5600655.87	74.66182523	54144.06	53971.71	53827.65	54034.99484	-207.3448426	-1.174842615	Varney-2018	174.2551574
605269.77	5600654.43	74.60852213	54144.07	53923.74	53779.67	54034.99124	-255.3212381	-49.15123806	Varney-2018	126.2787619

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605273.01	5600651.82	74.34397262	54144.06	53912.87	53768.81	54034.99436	-266.1843617	-60.0143617	Varney-2018	115.4156383
605276.82	5600649.23	74.03182701	54144	53909.62	53765.62	54035	-269.3799993	-63.20999934	Varney-2018	112.2200007
605284.32	5600649.49	73.53561827	54144.05	53907.6	53763.55	54035.02962	-271.479615	-65.30961501	Varney-2018	110.120385
605284.92	5600651.73	73.55959876	54144.02	53916.58	53772.56	54035.03926	-262.4792634	-56.30926341	Varney-2018	119.1207366
605286.53	5600648.98	73.37247958	54143.93	53927.76	53783.83	54035.03642	-251.20642	-45.03642001	Varney-2018	130.39358
605288.15	5600646.01	73.17282733	54143.77	53921.68	53777.91	54035.03304	-257.1230405	-50.95304055	Varney-2018	124.4769595
605290.56	5600642.39	72.89097931	54143.59	53896.78	53753.19	54035.03084	-281.840837	-75.67083705	Varney-2018	99.75916295
605296.94	5600631.61	72.05342397	54143.47	53872.35	53728.88	54035.02259	-306.1425925	-99.97259246	Varney-2018	75.45740754
605298.3	5600624.19	71.67813489	54143.25	53849.99	53706.74	54035.00535	-328.2653547	-122.0953547	Varney-2018	53.33464531
605300.59	5600623.12	71.45079292	54143.14	53853.22	53710.08	54035.01176	-324.9317641	-118.7617641	Varney-2018	56.66823587
605307	5600621.25	70.9539272	54143.04	53844.84	53701.8	54035.03055	-333.2305509	-127.0605509	Varney-2018	48.36944913
605308.99	5600617.51	70.67783991	54143.1	53825.72	53682.62	54035.02685	-352.406847	-146.236847	Varney-2018	29.19315299
605317.51	5600616.56	70.11102988	54143.18	53819.05	53675.87	54035.05554	-359.18554	-153.01554	Varney-2018	22.41446003
605323.54	5600612.79	69.55028355	54143.22	53821.73	53678.51	54035.06756	-356.5575625	-150.3875625	Varney-2018	25.04243748
605334.25	5600602	68.26843922	54143.26	53813.74	53670.48	54035.07996	-364.5999552	-158.4299552	Varney-2018	17.00004476
605334.44	5600599.66	68.12519126	54143.2	53813.67	53670.47	54035.07469	-364.604689	-158.434689	Varney-2018	16.99531104
605338.66	5600601.3	67.92170955	54143.29	53819.49	53676.2	54035.09538	-358.8953804	-152.7253804	Varney-2018	22.70461958
605337.42	5600595.83	67.69572648	54143.24	53821.49	53678.25	54035.07672	-356.8267233	-150.6567233	Varney-2018	24.77327671
605338.26	5600592.84	67.46250533	54143.25	53836.64	53693.39	54035.07255	-341.6825518	-135.5125518	Varney-2018	39.91744821
605337.07	5600585.14	67.11229935	54143.24	53845.64	53702.4	54035.04828	-332.6482806	-126.4782806	Varney-2018	48.95171943
605333.64	5600582.96	67.15878463	54143.13	53833.69	53690.56	54035.03119	-344.4711941	-138.3011941	Varney-2018	37.12880593
605328.96	5600572.19	66.41751104	54142.99	53825.31	53682.32	54034.99772	-352.6777248	-146.5077248	Varney-2018	28.92227515
605336.29	5600567.33	65.34668033	54142.87	53829.46	53686.59	54035.02154	-348.4315444	-142.2615444	Varney-2018	33.16845559
605338.63	5600563.93	64.81548771	54142.73	53822.63	53679.9	54035.0267	-355.1267013	-148.9567013	Varney-2018	26.47329874
605343.24	5600560.02	64.05588092	54142.54	53814.11	53671.57	54035.04052	-363.470518	-157.300518	Varney-2018	18.12948196
605345.37	5600556.39	63.5183574	54142.24	53810.67	53668.43	54035.04448	-366.6144821	-160.4444821	Varney-2018	14.98551792
605346.44	5600552.52	63.03882957	54142.13	53801.84	53659.71	54035.04376	-375.3337609	-169.1637609	Varney-2018	6.26623907
605354.2	5600550.78	62.25895762	54142	53806.45	53664.45	54035.07335	-370.6233533	-164.4533533	Varney-2018	10.97664671
605357.03	5600544.05	61.35176241	54142	53797.52	53655.52	54035.07603	-379.5560337	-173.3860337	Varney-2018	2.043966297
605358.25	5600539.52	60.79453586	54142.06	53789.62	53647.56	54035.07501	-387.5150145	-181.3450145	Varney-2018	-5.915014506
605366.56	5600531.45	59.32941066	54142.1	53819.06	53676.96	54035.09833	-358.1383338	-151.9683338	Varney-2018	23.46166621
605368.12	5600524.81	58.532236	54142.01	53835.43	53693.42	54035.09585	-341.6758511	-135.5058511	Varney-2018	39.92414894
605368.67	5600525.38	58.54802096	54141.97	53832.12	53690.15	54035.09887	-344.9488653	-138.7788653	Varney-2018	36.65113473
605374.44	5600523.94	57.95741383	54142.03	53831.72	53689.69	54035.12056	-345.4305625	-139.2605625	Varney-2018	36.1694375
605376.29	5600523.75	57.79577886	54142.24	53800.7	53658.46	54035.12788	-376.6678816	-170.4978816	Varney-2018	4.932118418
605381.11	5600527.3	57.73602594	54142.4	53805.39	53662.99	54035.15371	-372.1637113	-165.9937113	Varney-2018	9.436288697
605380.53	5600516.94	56.74211011	54142.55	53822.54	53679.99	54035.13702	-355.1470197	-148.9770197	Varney-2018	26.45298034
605379.32	5600513.69	56.52504667	54142.59	53817.99	53675.4	54035.12716	-359.727159	-153.557159	Varney-2018	21.87284098
605382.53	5600513.09	56.16715311	54142.58	53811.05	53668.47	54035.14082	-366.6708205	-160.5008205	Varney-2018	14.92917947
605378.74	5600507.56	55.89340079	54142.56	53832.16	53689.6	54035.11795	-345.5179516	-139.3479516	Varney-2018	36.08204843
605379.64	5600505.13	55.47304332	54142.51	53843.21	53700.7	54035.12113	-334.4211311	-128.2511311	Varney-2018	47.1788689
605382.91	5600500.86	54.58969805	54142.51	53849.35	53706.84	54035.13402	-328.2940241	-122.1240241	Varney-2018	53.30597592
605380.62	5600494.92	53.96704013	54142.63	53854.53	53711.9	54035.12183	-323.2218348	-117.0518348	Varney-2018	58.3781652
605379.8	5600490.12	53.36926914	54142.76	53848.54	53705.78	54035.11661	-329.336611	-123.166611	Varney-2018	52.26338903
605391.03	5600477.89	50.78197259	54143.5	53853.73	53710.23	54035.15888	-324.9288848	-118.7588848	Varney-2018	56.67111518
605388.12	5600474.49	50.54968174	54143.38	53862.3	53718.92	54035.14533	-316.2253311	-110.0553311	Varney-2018	65.37466893
605387.42	5600470.25	50.02699836	54143.51	53867.82	53724.31	54035.14062	-310.8306246	-104.6606246	Varney-2018	70.76937538
605391.2	5600469.21	49.60119716	54143.39	53860.38	53716.99	54035.15548	-318.1654799	-111.9954799	Varney-2018	63.43452013
605391.4	5600466.55	49.22862871	54143.58	53859.49	53715.91	54035.15502	-319.2450244	-113.0750244	Varney-2018	62.35497555
605395.8	5600462.63	48.38276435	54143.5	53846.19	53702.69	54035.17066	-332.4806576	-126.3106576	Varney-2018	49.11934243
605402.61	5600462.43	47.86310777	54143.55	53848.42	53704.87	54035.19762	-330.3276194	-124.1576194	Varney-2018	51.27238056
605407.36	5600462.08	47.47440582	54143.63	53871.31	53727.68	54035.21627	-307.5362708	-101.3662708	Varney-2018	74.06372918
605414.14	5600459.88	46.7093806	54143.64	53879.99	53736.35	54035.2416	-298.8915977	-92.72159766	Varney-2018	82.70840234
605420.04	5600455.66	45.77105786	54143.72	53872.34	53728.62	54035.26155	-306.6415512	-100.4715512	Varney-2018	74.9584488
605420.63	5600457.79	45.99056267	54143.68	53866.73	53723.05	54035.26555	-312.2155477	-106.0455477	Varney-2018	69.38445235
605424.23	5600455.08	45.4092638	54143.67	53857.99	53714.32	54035.27741	-320.9574092	-114.7874092	Varney-2018	60.6425908
605428.74	5600452.84	44.82983079	54143.88	53859.84	53715.96	54035.29299	-319.3329893	-113.1629893	Varney-2018	62.26701068
605430.49	5600454.09	44.85786952	54143.96	53869.28	53725.32	54035.30089	-309.9808908	-103.8108908	Varney-2018	71.61910924
605438.63	5600444.02	43.13936288	54143.91	53866.46	53722.55	54035.3225	-312.772499	-106.602499	Varney-2018	68.82750095
605441.92	5600442.09	42.7069886	54143.83	53844.38	53700.55	54035.33293	-334.7829254	-128.6129254	Varney-2018	46.81707465
605449.03	5600437.56	41.7507807	54143.77	53834.94	53691.17	54035.35458	-344.1845848	-138.0145848	Varney-2018	37.41541523
605450.08	5600434.91	41.39356151	54143.78	53831.6	53687.82	54035.35551	-347.5355077	-141.3655077	Varney-2018	34.06449229
605454.18	5600431.77	40.78005366	54143.71	53827.68	53683.97	54035.36751	-351.3975124	-145.2275124	Varney-2018	30.20248762
605454.3	5600429.43	40.48469205	54143.6	53813.49	53669.89	54035.36614	-365.4761375	-159.3061375	Varney-2018	16.12386248

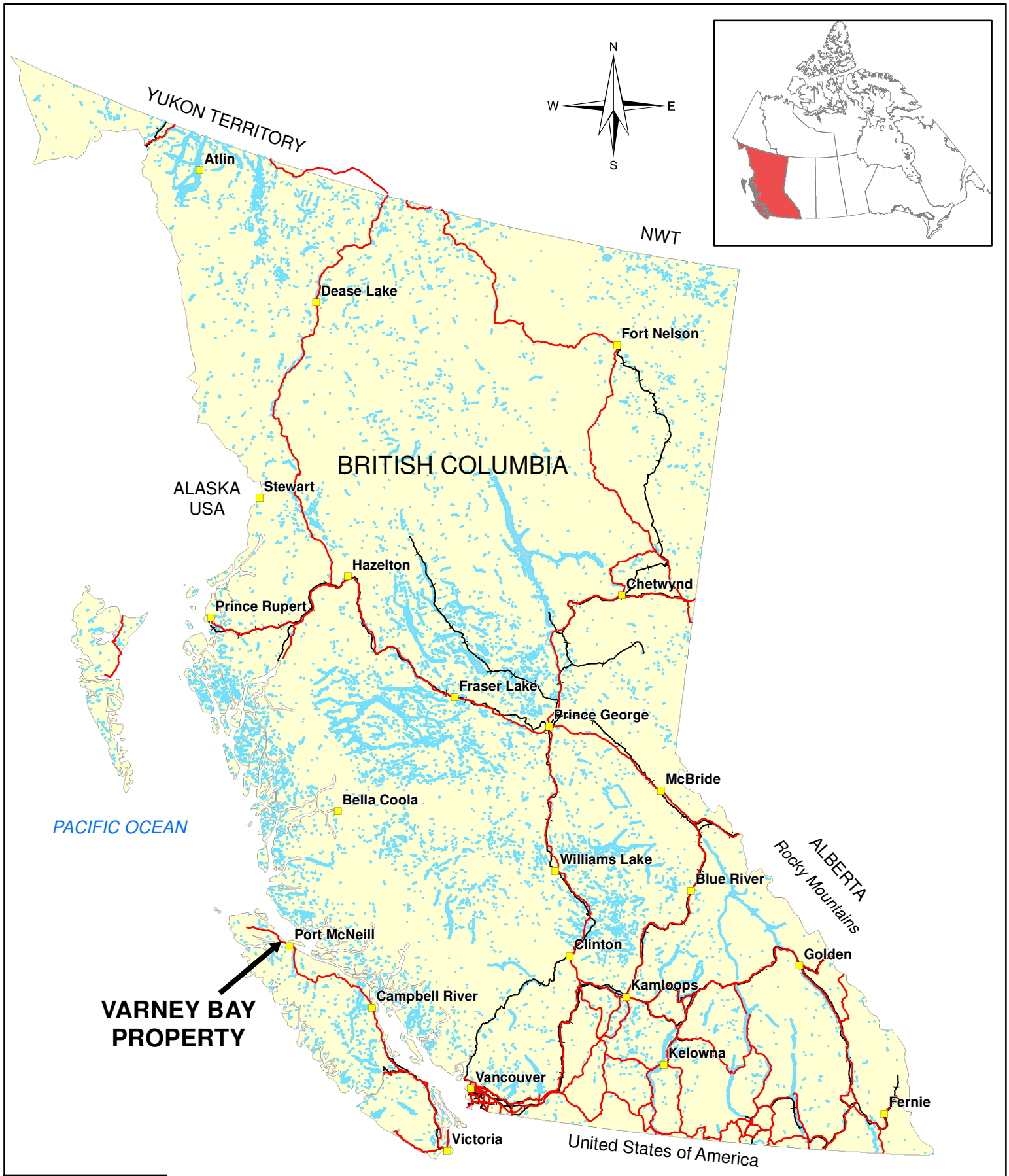
Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605453.07	5600420.18	39.41101441	54143.51	53831.86	53688.35	54035.35471	-347.0047122	-140.8347122	Varney-2018	34.59528779
605454.63	5600412.76	38.43349199	54143.38	53830.73	53687.35	54035.35386	-348.0038606	-141.8338606	Varney-2018	33.59613936
605453.83	5600406.84	37.72403979	54143.26	53831.13	53687.87	54035.34711	-347.4771136	-141.3071136	Varney-2018	34.12288641
605454.92	5600401.97	37.10697329	54143.52	53823.21	53679.69	54035.34604	-355.6560399	-149.4860399	Varney-2018	25.9439601
605457.34	5600394.57	36.21536415	54143.24	53819.09	53675.85	54035.34476	-359.4947553	-153.3247553	Varney-2018	22.10524469
605465.71	5600387.06	35.36624265	54143.17	53817.9	53674.73	54035.35412	-360.6241157	-154.4541157	Varney-2018	20.97588428
605464.27	5600381.25	34.64401801	54143.17	53802.4	53659.23	54035.34684	-376.1168378	-169.9468378	Varney-2018	5.483162203
605465.18	5600378.26	34.28767083	54143.14	53808.89	53665.75	54035.34608	-369.5960757	-163.4260757	Varney-2018	12.00392434
605465.56	5600376.93	34.1291001	54143.06	53812.83	53669.77	54035.34569	-365.5756874	-159.4056874	Varney-2018	16.02431261
605466.02	5600364.37	32.60194834	54142.95	53787.44	53644.49	54035.33638	-390.846384	-184.676384	Varney-2018	-9.246384049
605470.39	5600358.57	31.94597396	54143	53760.11	53617.11	54035.33932	-418.2293181	-212.0593181	Varney-2018	-36.6293181
605472.04	5600350.37	31.05974474	54142.98	53742.24	53599.26	54035.33308	-436.0730757	-229.9030757	Varney-2018	-54.47307568
605475.32	5600346.21	30.64679555	54143	53766.65	53623.65	54035.33395	-411.6839524	-205.5139524	Varney-2018	-30.08395237
605482.59	5600347.47	30.86998612	54142.97	53753.75	53610.78	54035.34805	-424.5680509	-218.3980509	Varney-2018	-42.96805085
605490.88	5600351.19	31.37247404	54143.01	53779.73	53636.72	54035.36678	-398.6467764	-192.4767764	Varney-2018	-17.0467764
605494.32	5600345.92	30.84090906	54143.03	53785.58	53642.55	54035.36664	-392.8166422	-186.6466422	Varney-2018	-11.21664217
605492.24	5600339.76	30.14713271	54143.03	53783.81	53640.78	54035.35588	-394.5758803	-188.4058803	Varney-2018	-12.97588034
605499.7	5600342.8	30.56592499	54143	53795.31	53652.31	54035.37237	-383.0623738	-176.8923738	Varney-2018	-1.462373766
605506.36	5600335.49	29.85110016	54142.95	53812.54	53669.59	54035.37547	-365.7854676	-159.6154676	Varney-2018	15.81453237
605506.97	5600337.05	30.02777491	54142.83	53787.23	53644.4	54035.37834	-390.978338	-184.808338	Varney-2018	-9.378338003
605506.92	5600325.26	28.74670084	54142.86	53818.52	53675.66	54035.36457	-359.7045702	-153.5345702	Varney-2018	21.89542979
605509.23	5600319.97	28.19963571	54142.72	53838.15	53695.43	54035.36245	-339.932446	-133.762446	Varney-2018	41.66755403
605512.64	5600315.92	27.80033784	54142.86	53868.82	53725.96	54035.36367	-309.4036718	-103.2336718	Varney-2018	72.19632825
605518.5	5600309.81	27.20648564	54142.88	53861.71	53718.83	54035.36676	-316.5367634	-110.3667634	Varney-2018	65.06323659
605517.8	5600302.57	26.41189003	54142.91	53858.65	53715.74	54035.35714	-319.6171443	-113.4471443	Varney-2018	61.98285568
605520.3	5600301.62	26.33847489	54142.92	53843.87	53700.95	54035.36039	-334.4103854	-128.2403854	Varney-2018	47.18961459
605519.83	5600300.05	26.16238008	54142.92	53833.12	53690.2	54035.35775	-345.1577466	-138.9877466	Varney-2018	36.44225342
605519.18	5600290.25	25.09036649	54142.84	53808.71	53665.87	54035.34524	-369.4752429	-163.3052429	Varney-2018	12.12475711
605525.62	5600283.82	24.46879207	54142.79	53799.58	53656.79	54035.34897	-378.5589673	-172.3889673	Varney-2018	3.04103273
605530.5	5600284.36	24.59022972	54142.73	53787.63	53644.9	54035.35795	-390.4579479	-184.2879479	Varney-2018	-8.857947876
605534.53	5600284.44	24.70951937	54142.58	53764.28	53621.7	54035.36338	-413.6633809	-207.4933809	Varney-2018	-32.06338086
605540.21	5600280.66	24.4616349	54142.48	53755.14	53612.66	54035.36634	-422.7063413	-216.5363413	Varney-2018	-41.10634133
605542.64	5600279.49	24.4107123	54142.43	53741.99	53599.56	54035.36795	-435.8079526	-229.6379526	Varney-2018	-54.20795262
605548.02	5600276.37	24.25364818	54142.42	53778.91	53636.49	54035.37056	-398.8805552	-192.7105552	Varney-2018	-17.28055516
605552.25	5600270.56	23.81207717	54142.41	53787.75	53645.34	54035.36747	-390.0274719	-183.8574719	Varney-2018	-8.427471894
605553.44	5600264.13	23.22560984	54142.39	53780.13	53637.74	54035.35949	-397.619485	-191.449485	Varney-2018	-16.01948503
605556.7	5600260.86	23.02558306	54142.3	53772.57	53630.27	54035.35827	-405.0882682	-198.9182682	Varney-2018	-23.48826819
605558.66	5600258.56	22.87780673	54142.27	53767.79	53625.52	54035.35692	-409.8369166	-203.6669166	Varney-2018	-28.23691661
605563.33	5600255.1	22.72867746	54142.23	53742.71	53600.48	54035.35648	-434.8764764	-228.7064764	Varney-2018	-53.27647639
605569.99	5600248.33	22.37311727	54142.16	53772.56	53630.4	54035.35222	-404.9522198	-198.7822198	Varney-2018	-23.35221984
605571.29	5600243.69	22.00997433	54142.05	53793.95	53651.9	54035.34577	-383.4457687	-177.2757687	Varney-2018	-1.845768709
605572.5	5600239.82	21.71650914	54142.02	53762.75	53620.73	54035.3404	-414.6103965	-208.4403965	Varney-2018	-33.01039647
605579.43	5600233.73	21.49988598	54142.03	53696.64	53554.61	54035.33576	-480.7257565	-274.5557565	Varney-2018	-99.12575647
605576.07	5600227.88	20.82723521	54142.03	53609.17	53467.14	54035.32306	-568.1830581	-362.0130581	Varney-2018	-186.5830581
605572.77	5600229.7	20.82579132	54142.16	53602.95	53460.79	54035.32368	-574.5336773	-368.3636773	Varney-2018	-192.9336773
605573.32	5600227.38	20.64623999	54142.26	53630.9	53488.64	54035.32019	-546.6801928	-340.5101928	Varney-2018	-165.0801928
605576.61	5600225.89	20.67965264	54142.32	53694.57	53552.25	54035.32004	-483.0700387	-276.9000387	Varney-2018	-101.4700387
605581.45	5600214.19	19.92182804	54142.33	53705.23	53562.9	54035.30279	-472.4027901	-266.2327901	Varney-2018	-90.80279011
605581.06	5600208.85	19.44208489	54142.45	53714.42	53571.97	54035.29313	-463.3231329	-257.1531329	Varney-2018	-81.72313287
605584.04	5600201.67	18.83292598	54142.54	53699.45	53556.91	54035.28639	-478.3763911	-272.2063911	Varney-2018	-96.77639106
605593.29	5600192.63	18.18978521	54142.48	53733.71	53591.23	54035.28591	-444.0559061	-237.8859061	Varney-2018	-62.45590611
605599.17	5600189.3	18.08161837	54142.53	53751.48	53608.95	54035.28739	-426.3373885	-220.1673885	Varney-2018	-44.73738855
605602.03	5600191.8	18.5709866	54142.66	53761.81	53619.15	54035.29038	-416.1403823	-209.9703823	Varney-2018	-34.54038231
605608.13	5600188.14	18.35470509	54142.68	53762.99	53620.31	54035.29385	-414.983851	-208.813851	Varney-2018	-33.38385097
605609.73	5600189.4	18.55320998	54142.59	53758.35	53615.76	54035.29696	-419.5369625	-213.3669625	Varney-2018	-37.93696253
605612.28	5600193.12	19.0853573	54143.62	53770.72	53627.1	54035.30312	-408.2031162	-202.0331162	Varney-2018	-26.60311616
605616.49	5600184.86	18.11619283	54143.74	53589.49	53445.75	54035.30409	-589.5540857	-383.3840857	Varney-2018	-207.9540857
605618.68	5600185.24	18.2144715	54143.84	53729.55	53585.71	54035.30751	-449.5975107	-243.4275107	Varney-2018	-67.99751069
605621.57	5600182.07	17.89007952	54143.9	53685.26	53541.36	54035.30924	-493.9492375	-287.7792375	Varney-2018	-112.3492375
605631.38	5600177.15	17.55915668	54144	53636.43	53492.43	54035.31827	-542.8882719	-336.7182719	Varney-2018	-161.2882719
605631.07	5600175.03	17.30199035	54144.07	53649.29	53505.22	54035.31589	-530.0958891	-323.9258891	Varney-2018	-148.4958891
605633.9	5600168.53	16.63514943	54144.12	53667.54	53523.42	54035.31312	-511.893118	-305.723118	Varney-2018	-130.293118
605636.63	5600166.47	16.49260007	54144.35	53691.88	53547.53	54035.31418	-487.7841784	-281.6141784	Varney-2018	-106.1841784
605633.96	5600165.3	16.26454134	54144.52	53745.78	53601.26	54035.31002	-434.0500178	-227.8800178	Varney-2018	-52.45001783

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605637.2	5600159.14	15.68196003	54144.62	53726.82	53582.2	54035.30723	-453.1072272	-246.9372272	Varney-2018	-71.50722722
605640.9	5600151.32	14.96055413	54144.76	53778.98	53634.22	54035.30235	-401.0823542	-194.9123542	Varney-2018	-19.48235421
605647	5600151.55	15.25658928	54144.89	53762.33	53617.44	54035.30795	-417.867954	-211.697954	Varney-2018	-36.26795402
605648.6	5600145.69	14.70605179	54145.06	53744.65	53599.59	54035.30216	-435.7121585	-229.5421585	Varney-2018	-54.11215851
605650.03	5600138.04	13.97041398	54145.4	53756.82	53611.42	54035.29369	-423.8736894	-217.7036894	Varney-2018	-42.27368936
605650.55	5600133.38	13.50949157	54145.49	53790.01	53644.52	54035.28815	-390.7681493	-184.5981493	Varney-2018	-9.168149315
605651.37	5600131.62	13.37176585	54146.15	53842.54	53696.39	54035.28637	-338.8963727	-132.7263727	Varney-2018	42.7036273
605654.41	5600121	12.89445026	54146.3	53815.81	53669.51	54035.26235	-365.7523497	-159.5823497	Varney-2018	15.84765027
605655.04	5600117.9	12.76514063	54146.44	53781.14	53634.7	54035.25454	-400.554543	-194.384543	Varney-2018	-18.95454305
605657.84	5600112.73	12.62972452	54146.61	53740.9	53594.29	54035.24299	-440.9529863	-234.7829863	Varney-2018	-59.35298628
605658.93	5600104.29	12.22073364	54146.84	53755.12	53608.28	54035.22196	-426.9419587	-220.7719587	Varney-2018	-45.34195867
605660.48	5600101.54	12.1358461	54147.05	53786.29	53639.24	54035.21628	-395.976277	-189.806277	Varney-2018	-14.37627703
605658.81	5600096.28	11.77750624	54147.3	53868.59	53721.29	54035.20109	-313.9110931	-107.7410931	Varney-2018	67.68890689
606023.14	5599632.21	66.04514229	54160.62	53733.03	53572.41	54032.63326	-460.2232622	-254.0532622	Varney-2018	-78.62326218
606028.13	5599627.09	66.75182459	54160.69	53737.29	53576.6	54032.60406	-456.0040581	-249.8340581	Varney-2018	-74.40405814
606036.44	5599622.8	67.3814436	54160.76	53713.05	53552.29	54032.58707	-480.2970696	-274.1270696	Varney-2018	-98.69706958
606041.98	5599618.69	67.91470907	54160.82	53689.49	53528.67	54032.56768	-503.8976786	-297.7276786	Varney-2018	-122.2976786
606043.68	5599615.39	68.29467533	54160.95	53695.9	53534.95	54032.54775	-497.5977464	-291.4277464	Varney-2018	-115.9977464
606043.96	5599611.94	68.67231965	54161.02	53673.26	53512.24	54032.52435	-520.2843544	-314.1143544	Varney-2018	-138.6843544
606045.18	5599600.51	69.91561729	54161.16	53692.62	53531.46	54032.44766	-500.987664	-294.817664	Varney-2018	-119.387664
606050.57	5599593.72	70.58983201	54161.2	53676.32	53515.12	54032.41339	-517.2933907	-311.1233907	Varney-2018	-135.6933907
606054.12	5599593.46	70.60491563	54161.33	53665.67	53504.34	54032.41923	-528.0792269	-321.9092269	Varney-2018	-146.4792269
606061.31	5599591.72	70.74006745	54161.36	53666.85	53505.49	54032.42337	-526.9333666	-320.7633666	Varney-2018	-145.3333666
606068.55	5599587.75	71.02218729	54161.4	53675.93	53514.53	54032.41469	-517.8846941	-311.7146941	Varney-2018	-136.2846941
606071.5	5599582.24	71.46052703	54161.44	53688.91	53527.47	54032.38684	-504.9168444	-298.7468444	Varney-2018	-123.3168444
606072.74	5599576.82	71.90277978	54161.57	53685.31	53523.74	54032.35574	-508.6157444	-302.4457444	Varney-2018	-127.0157444
606066.31	5599568.9	72.68270459	54161.63	53659.88	53498.25	54032.28983	-534.0398335	-327.8698335	Varney-2018	-152.4398335
606066.55	5599567.24	72.8226525	54161.61	53671	53509.39	54032.2799	-522.8899021	-316.7199021	Varney-2018	-141.2899021
606064.72	5599563.09	73.21898575	54161.6	53713.49	53551.89	54032.24885	-480.3588526	-274.1888526	Varney-2018	-98.7588526
606058.55	5599556.4	73.9486988	54161.56	53709.33	53547.77	54032.18978	-484.4197802	-278.2497802	Varney-2018	-102.8197802
606054.3	5599549.31	74.71220289	54161.52	53655.41	53493.89	54032.13214	-538.2421354	-332.0721354	Varney-2018	-156.6421354
606061.02	5599546.44	74.77583692	54161.5	53652.9	53491.4	54032.13264	-540.7326391	-334.5626391	Varney-2018	-159.1326391
606066.77	5599545.89	74.67041044	54161.48	53663.22	53501.74	54032.14502	-530.4050162	-324.2350162	Varney-2018	-148.8050162
606075.96	5599543.74	74.60533715	54161.49	53704.13	53542.64	54032.15692	-489.5169157	-283.3469157	Varney-2018	-107.9169157
606079.03	5599542.8	74.59825875	54161.41	53668.98	53507.57	54032.15961	-524.5896053	-318.4196053	Varney-2018	-142.9896053
606086.19	5599542.61	74.414619	54161.27	53670.28	53509.01	54032.17841	-523.1684073	-316.9984073	Varney-2018	-141.5684073
606092.8	5599541.74	74.29719287	54161.16	53678.06	53516.9	54032.19157	-515.2915743	-309.1215743	Varney-2018	-133.6915743
606094.7	5599535.33	74.72855792	54161.18	53682.01	53520.83	54032.15812	-511.3281152	-305.1581152	Varney-2018	-129.7281152
606095.85	5599527.79	75.26015681	54161.36	53652.23	53490.87	54032.11589	-541.2458887	-335.0758887	Varney-2018	-159.6458887
606095.05	5599521.76	75.71176451	54161.46	53684.48	53523.02	54032.07789	-509.0578863	-302.8878863	Varney-2018	-127.4578863
606093.97	5599511.73	76.09199332	54161.52	53681.84	53520.32	54032.02503	-511.7050308	-305.5350308	Varney-2018	-130.1050308
606093.72	5599506.83	76.26772013	54161.62	53677.7	53516.08	54032.00004	-515.9200449	-309.7500449	Varney-2018	-134.3200449
606097.43	5599498.67	76.41494779	54161.7	53683.64	53521.94	54031.97076	-510.0307641	-303.8607641	Varney-2018	-128.4307641
606101.21	5599497.31	76.32842842	54161.78	53716.86	53555.08	54031.97532	-476.8953205	-270.7253205	Varney-2018	-95.29532054
606110.01	5599497.04	76.02821113	54161.94	53689.38	53527.44	54032.00026	-504.5602583	-298.3902583	Varney-2018	-122.9602583
606115.41	5599496.26	75.86529683	54162.12	53709.33	53547.21	54032.01251	-484.802512	-278.632512	Varney-2018	-103.202512
606122.18	5599498.17	75.56095866	54162.33	53684.66	53522.33	54032.04221	-509.7122056	-303.5422056	Varney-2018	-128.1122056
606127.32	5599496.05	75.45402883	54162.35	53668.75	53506.4	54032.04702	-525.6470225	-319.4770225	Varney-2018	-144.0470225
606134.46	5599493.53	75.29149642	54162.32	53669.14	53506.82	54032.0558	-525.235803	-319.065803	Varney-2018	-143.635803
606136.47	5599489.01	75.37973296	54162.22	53686.83	53524.61	54032.03931	-507.4293138	-301.2593138	Varney-2018	-125.8293138
606140.89	5599484.42	75.26909088	54162.25	53697.17	53534.92	54032.03276	-497.1127649	-290.9427649	Varney-2018	-115.5127649
606144.95	5599472.6	75.40317123	54162.23	53696.85	53534.62	54031.98975	-497.3697535	-291.1997535	Varney-2018	-115.7697535
606154.28	5599470.68	74.82611498	54162.2	53712.74	53550.54	54032.01645	-481.4764525	-275.3064525	Varney-2018	-99.87645249
606154.18	5599464.78	75.03728376	54162.17	53681.19	53519.02	54031.98679	-512.966791	-306.796791	Varney-2018	-131.366791
606158.44	5599464.65	74.7469031	54162.09	53678.37	53516.28	54032.00271	-515.7227139	-309.5527139	Varney-2018	-134.1227139
606157.85	5599455.51	75.10313772	54161.91	53670.19	53508.28	54031.9551	-523.6750985	-317.5050985	Varney-2018	-142.0750985
606164.73	5599447.87	74.88693755	54161.83	53697.03	53535.2	54031.94407	-496.7440682	-290.5740682	Varney-2018	-115.1440682
606164.82	5599443.64	74.84479092	54161.91	53676.21	53514.3	54031.92827	-517.628269	-311.458269	Varney-2018	-136.028269
606170.9	5599434.09	74.17052885	54161.89	53678.26	53516.37	54031.92003	-515.5500265	-309.3800265	Varney-2018	-133.9500265
606179.56	5599433.37	73.55666321	54162.01	53673.52	53511.51	54031.95118	-520.4411781	-314.2711781	Varney-2018	-138.8411781
606177.59	5599428.88	73.5762358	54162.08	53679.86	53517.78	54031.92846	-514.1484615	-307.9784615	Varney-2018	-132.5484615
606172.88	5599420	73.66568189	54162.12	53662.31	53500.19	54031.88052	-531.6905172	-325.5205172	Varney-2018	-150.0905172
606171.88	5599413.64	73.56632651	54162.1	53666.56	53504.46	54031.85539	-527.3953862	-321.2253862	Varney-2018	-145.7953862
606182.96	5599412.42	72.79221816	54162.18	53769.93	53607.75	54031.89374	-424.1437351	-217.9737351	Varney-2018	-42.54373515

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
606188.67	5599414.2	72.45406177	54162.27	53832.02	53669.75	54031.92162	-362.1716244	-156.0016244	Varney-2018	19.42837563
606196.01	5599412.01	71.90824472	54162.39	53822.17	53659.78	54031.94232	-372.1623176	-165.9923176	Varney-2018	9.437682417
606204.17	5599408.4	71.27681533	54162.47	53674.49	53512.02	54031.96122	-519.9412241	-313.7712241	Varney-2018	-138.3412241
606211.95	5599409.11	70.77461998	54162.58	53662.09	53499.51	54031.99339	-532.4833882	-326.3133882	Varney-2018	-150.8833882
606219.29	5599407.37	70.24971417	54162.64	53664.15	53501.51	54032.01535	-530.5053459	-324.3353459	Varney-2018	-148.9053459
606223.61	5599400.22	69.79435146	54162.68	53720.56	53557.88	54032.00739	-474.127386	-267.957386	Varney-2018	-92.52738603
606223.98	5599392.56	69.58685168	54162.67	53705.48	53542.81	54031.98268	-489.1726801	-283.0026801	Varney-2018	-107.5726801
606226.97	5599388.61	69.28997934	54162.78	53686.75	53523.97	54031.98072	-508.0107233	-301.8407233	Varney-2018	-126.4107233
606220.31	5599381.14	69.56554386	54162.89	53679.39	53516.5	54031.92954	-515.429539	-309.259539	Varney-2018	-133.829539
606213.45	5599380.22	70.01421208	54162.96	53684.47	53521.51	54031.89983	-510.3898344	-304.2198344	Varney-2018	-128.7898344
606210.73	5599374.49	70.05769522	54163.1	53669.43	53506.33	54031.86993	-525.5399299	-319.3699299	Varney-2018	-143.9399299
606215.93	5599366.36	69.437308	54163.21	53662.36	53499.15	54031.86419	-532.7141919	-326.5441919	Varney-2018	-151.1141919
606219.67	5599363.66	69.06188814	54163.29	53674.85	53511.56	54031.87091	-520.3109124	-314.1409124	Varney-2018	-138.7109124
606222.68	5599362.38	68.79845074	54163.42	53709.78	53546.36	54031.8789	-485.5189048	-279.3489048	Varney-2018	-103.9189048
606230.74	5599359.66	68.12425716	54163.4	53669.25	53505.85	54031.90234	-526.0523386	-319.8823386	Varney-2018	-144.4523386
606233.25	5599354.81	67.74396764	54163.33	53672.36	53509.03	54031.89797	-522.8679705	-316.6979705	Varney-2018	-141.2679705
606235.63	5599349.3	67.34521254	54163.18	53695.59	53532.41	54031.89116	-499.4811568	-293.3111568	Varney-2018	-117.8811568
606241.24	5599345.52	66.79848185	54163.19	53706.56	53543.37	54031.90189	-488.531894	-282.361894	Varney-2018	-106.931894
606249.18	5599341.67	66.08990951	54163.23	53710.9	53547.67	54031.92142	-484.2514246	-278.0814246	Varney-2018	-102.6514246
606258.35	5599340.41	65.40724816	54163.34	53691.34	53528	54031.95326	-503.9532645	-297.7832645	Varney-2018	-122.3532645
606263.61	5599336.52	64.88358391	54163.55	53680.69	53517.14	54031.96223	-514.8222264	-308.6522264	Varney-2018	-133.2222264
606264.19	5599332.41	64.67212855	54163.71	53719.98	53556.27	54031.95241	-475.6824091	-269.5124091	Varney-2018	-94.08240914
606264.21	5599323.96	64.31775607	54163.84	53692.6	53528.76	54031.92769	-503.1676862	-296.9976862	Varney-2018	-121.5676862
606266.73	5599318.89	63.9344251	54164.17	53659.37	53495.2	54031.92253	-536.7225295	-330.5525295	Varney-2018	-155.1225295
606262.02	5599309.79	63.87432333	54164.4	53695.78	53531.38	54031.87766	-500.4976619	-294.3276619	Varney-2018	-118.8976619
606262.06	5599304.34	63.64361652	54164.48	53712.42	53547.94	54031.86183	-483.9218287	-277.7518287	Varney-2018	-102.3218287
606263.46	5599298.14	63.28973931	54164.44	53741.56	53577.12	54031.84902	-454.7290224	-248.5590224	Varney-2018	-73.12902243
606270.5	5599296.95	62.76498906	54164.39	53699.41	53535.02	54031.87258	-496.8525836	-290.6825836	Varney-2018	-115.2525836
606274.17	5599294.24	62.38071009	54164.15	53638.91	53474.76	54031.87935	-557.1193547	-350.9493547	Varney-2018	-175.5193547
606272.98	5599286.76	61.82563348	54163.96	53670.33	53506.37	54031.86139	-525.4913941	-319.3213941	Varney-2018	-143.8913941
606280.76	5599283.8	62.38071009	54163.84	53701.83	53537.99	54031.87935	-493.8893547	-287.7193547	Varney-2018	-112.2893547
606023.21	5599906.07	48.19716342	54167.97	53715.1	53547.13	54034.21404	-487.0840392	-280.9140392	Varney-2018	-105.4840392
606018.85	5599915.33	46.98200215	54167.38	53730.9	53563.52	54034.27476	-470.7547615	-264.5847615	Varney-2018	-89.15476153
606015.92	5599919.83	46.19907638	54168.17	53681.18	53513.01	54034.30771	-521.2977097	-315.1277097	Varney-2018	-139.6977097
606018.91	5599922.67	46.87100345	54167.86	53754.9	53587.04	54034.3075	-447.2675008	-241.0975008	Varney-2018	-65.66750082
606017.06	5599926.64	46.3586757	54168.12	53779.03	53610.91	54034.33334	-423.4233442	-217.2533442	Varney-2018	-41.82334417
606013.8	5599930.13	45.51768218	54168	53698.88	53530.88	54034.36307	-503.4830727	-297.3130727	Varney-2018	-121.8830727
606011.51	5599934.53	44.89656051	54167.84	53617.9	53450.06	54034.39264	-584.3326374	-378.1626374	Varney-2018	-202.7326374
606003.71	5599938.05	42.97456022	54168.01	53644.03	53476.02	54034.44185	-558.4218481	-352.2518481	Varney-2018	-176.8218481
606003.22	5599945.04	42.74946343	54168.08	53632.16	53464.08	54034.47507	-570.3950705	-364.2250705	Varney-2018	-188.7950705
606000.56	5599943.32	42.14164076	54168.19	53607.86	53439.67	54034.47878	-594.8087836	-388.6387836	Varney-2018	-213.2087836
605994.31	5599943.86	40.64323086	54168.2	53615.81	53447.61	54034.50789	-586.8978913	-380.7278913	Varney-2018	-205.2978913
605990.17	5599945.23	39.63682927	54168.32	53590.44	53422.12	54034.53163	-612.411632	-406.241632	Varney-2018	-230.811632
605989.91	5599944	39.59214932	54168.21	53598.79	53430.58	54034.52731	-603.9473115	-397.7773115	Varney-2018	-222.3473115
605980.81	5599952.49	38.10853328	54168.37	53726.07	53557.7	54034.58231	-476.882313	-270.712313	Varney-2018	-95.282313
605980.93	5599957.16	38.05244549	54168.61	53734.72	53566.11	54034.60293	-468.4929253	-262.3229253	Varney-2018	-86.8929253
605981.15	5599960.28	38.02500724	54168.6	53690.17	53521.57	54034.61672	-513.0467171	-306.8767171	Varney-2018	-131.4467171
605979.08	5599968.25	37.76589618	54168.47	53692.64	53524.17	54034.65156	-510.4815599	-304.3115599	Varney-2018	-128.8815599
605977.3	5599971.77	37.58846086	54168.94	53818.8	53649.86	54034.66684	-384.8068425	-178.6368425	Varney-2018	-3.206842494
605973.82	5599979.49	37.22400856	54168.6	53915.68	53747.08	54034.70057	-287.6205749	-81.45057493	Varney-2018	93.97942507
605970.77	5599986.66	36.88639469	54168.7	53866.5	53697.8	54034.73225	-336.9322547	-130.7622547	Varney-2018	44.66774534
605970.7	5599989.88	36.82883237	54168.65	53733.78	53565.13	54034.74665	-469.6166545	-263.4466545	Varney-2018	-88.01665445
605970.55	5599997.33	36.69663728	54168.81	53688.64	53519.83	54034.77997	-514.9499691	-308.7799691	Varney-2018	-133.3499691
605966.38	5600000.47	36.35079151	54168.92	53683.87	53514.95	54034.79328	-519.8432774	-313.6732774	Varney-2018	-138.2432774
605962.88	5600005.19	36.02939619	54168.54	53698.77	53530.23	54034.8137	-504.5836992	-298.4136992	Varney-2018	-122.9836992
605961.19	5600008.27	35.86268162	54168.98	53739.07	53570.09	54034.8271	-464.7371034	-258.5671034	Varney-2018	-83.13710337
605963.08	5600009.42	35.97698937	54168.83	53780.11	53611.28	54034.8326	-423.5525991	-217.3825991	Varney-2018	-41.95259912
605953.37	5600019.57	35.14611073	54168.68	53768.62	53599.94	54034.87574	-434.9357397	-228.7657397	Varney-2018	-53.33573966
605946.72	5600022.43	34.64506912	54169	53720.03	53551.03	54034.88694	-483.8569425	-277.6869425	Varney-2018	-102.2569425
605942.31	5600026.8	34.27967271	54169.07	53736.07	53567	54034.90525	-467.9052487	-261.7352487	Varney-2018	-86.30524867
605944.44	5600033.85	34.32537617	54169.01	53777.75	53608.74	54034.93691	-426.1969067	-220.0269067	Varney-2018	-44.59690666
605941.33	5600040.57	34.01985678	54169.17	53827.02	53657.85	54034.96579	-377.1157921	-170.9457921	Varney-2018	4.484207858
605936.05	5600042.35	33.63940907	54169.31	53859.38	53690.07	54034.97224	-344.9022421	-138.7322421	Varney-2018	36.69775788
605932.74	5600051.52	33.29449221	54169.27	53812.21	53642.94	54035.01167	-392.0716657	-185.9016657	Varney-2018	-10.47166571

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605929.6	5600052.57	33.07162023	54169.45	53814.02	53644.57	54035.01538	-390.4453772	-184.2753772	Varney-2018	-8.845377206
605928.19	5600055.88	32.90319818	54169.6	53864.6	53695	54035.03033	-340.030331	-133.860331	Varney-2018	41.56966903
605924.76	5600057.14	32.64358304	54169.67	53827.38	53657.71	54035.03527	-377.3252708	-171.1552708	Varney-2018	4.274729155
605924.74	5600065.04	32.42839118	54170.13	53766.97	53596.84	54035.07287	-438.2328728	-232.0628728	Varney-2018	-56.63287278
605921.69	5600068.87	32.13731909	54169.94	53711.04	53541.1	54035.08982	-493.9898158	-287.8198158	Varney-2018	-112.3898158
605916.33	5600074.32	31.67566451	54170.33	53717.87	53547.54	54035.11309	-487.5730909	-281.4030909	Varney-2018	-105.9730909
605908.55	5600073.72	31.14875746	54170.06	53780.24	53610.18	54035.10867	-424.9286739	-218.7586739	Varney-2018	-43.3286739
605905.98	5600078.34	30.73183815	54170.38	53785.2	53614.82	54035.13313	-420.3131346	-214.1431346	Varney-2018	-38.71313458
605901.3	5600085.26	30.03033419	54170.21	53728.54	53558.33	54035.17011	-476.8401112	-270.6701112	Varney-2018	-95.24011122
605897.52	5600089.96	29.50198337	54170.44	53654.82	53484.38	54035.19537	-550.8153677	-344.6453677	Varney-2018	-169.2153677
605891.87	5600099.3	28.7160011	54170.61	53643.14	53472.53	54035.24238	-562.7123763	-356.5423763	Varney-2018	-181.1123763
605888.64	5600101.69	28.32431584	54170.64	53618.57	53447.93	54035.2558	-587.3257984	-381.1557984	Varney-2018	-205.7257984
605886.26	5600107.2	28.00279253	54170.68	53602.95	53432.27	54035.28172	-603.0117154	-396.8417154	Varney-2018	-221.4117154
605886.2	5600113.54	27.93226757	54170.74	53611.88	53441.14	54035.30909	-594.1690908	-387.9990908	Varney-2018	-212.5690908
605884.58	5600116.4	27.73468228	54170.73	53621.18	53450.45	54035.32257	-584.8725679	-378.7025679	Varney-2018	-203.2725679
605874.32	5600122.87	26.6400661	54170.77	53617.58	53446.81	54035.3567	-588.5467	-382.3767	Varney-2018	-206.9467
605872.2	5600125.94	26.41722666	54170.95	53666.78	53495.83	54035.37067	-539.5406695	-333.3706695	Varney-2018	-157.9406695
605874.88	5600126.55	26.68065642	54170.66	53760.98	53590.32	54035.37165	-445.0516478	-238.8816478	Varney-2018	-63.45164778
605872.6	5600134.18	26.55986276	54170.66	53774.17	53603.51	54035.40101	-431.8910135	-225.7210135	Varney-2018	-50.29101352
605867.86	5600137.31	26.18434057	54170.69	53749.3	53578.61	54035.4139	-456.8038979	-250.6338979	Varney-2018	-75.20389787
605865.26	5600143.37	26.09673573	54170.5	53755.34	53584.84	54035.43538	-450.5953799	-244.4253799	Varney-2018	-68.99537986
605862.53	5600144.99	25.88102281	54170.64	53809.74	53639.1	54035.44205	-396.3420469	-190.1720469	Varney-2018	-14.74204689
605854.38	5600145.04	25.10889446	54170.54	53817.98	53647.44	54035.446	-388.0060036	-181.8360036	Varney-2018	-6.406003639
605848.98	5600149.05	24.71426842	54170.74	53802.76	53632.02	54035.4616	-403.4415969	-197.2715969	Varney-2018	-21.84159686
605841.99	5600155.03	24.23780499	54170.78	53791.17	53620.39	54035.48406	-415.0940601	-208.9240601	Varney-2018	-33.49406011
605842.45	5600160.27	24.44022025	54170.8	53773.33	53602.53	54035.50081	-432.9708146	-226.8008146	Varney-2018	-51.37081464
605836.89	5600161.49	23.96428706	54170.81	53702.47	53531.66	54035.50696	-503.846959	-297.676959	Varney-2018	-122.246959
605832.98	5600162.3	23.65323085	54170.99	53708.83	53537.84	54035.51046	-497.670459	-291.500459	Varney-2018	-116.070459
605823.76	5600173.13	23.47270427	54171.37	53746.85	53575.48	54035.5401	-460.0600963	-253.8900963	Varney-2018	-78.46009633
605821.86	5600172.31	23.33240362	54171.46	53734.56	53563.1	54035.5366	-472.4366036	-266.2666036	Varney-2018	-90.83660363
605820.61	5600174.51	23.3450258	54171.49	53717.47	53545.98	54035.5426	-489.5625951	-283.3925951	Varney-2018	-107.9625951
605820.12	5600177.84	23.44667242	54171.64	53707.73	53536.09	54035.55235	-499.4623524	-293.2923524	Varney-2018	-117.8623524
605812.97	5600177.25	23.0281411	54171.79	53758.61	53586.82	54035.54639	-448.7263933	-242.5563933	Varney-2018	-67.12639329
605816.94	5600181.11	23.40417591	54171.9	53798.73	53626.83	54035.56017	-408.7301691	-202.5601691	Varney-2018	-27.1301691
605812.22	5600186.46	23.38219093	54172.02	53831.3	53659.28	54035.57269	-376.2926875	-170.1226875	Varney-2018	5.307312529
605815.85	5600189.54	23.69230531	54172.16	53857.38	53685.22	54035.58436	-350.3643614	-144.1943614	Varney-2018	31.23563861
605814.58	5600192.41	23.74985363	54172.17	53851.51	53679.34	54035.59183	-356.251828	-150.081828	Varney-2018	25.34817204
605814.46	5600198.52	23.99950375	54172.38	53842.9	53670.52	54035.60965	-365.0896548	-158.9196548	Varney-2018	16.51034516
605814.82	5600201.98	24.15943272	54172.42	53831.11	53658.69	54035.62014	-376.9301362	-170.7601362	Varney-2018	4.669863844
605816.59	5600209.02	24.49099579	54172.46	53824.77	53652.31	54035.64343	-383.3334288	-177.1634288	Varney-2018	-1.733428808
605815.45	5600212.67	24.56560786	54172.36	53835.01	53662.65	54035.65386	-373.0038622	-166.8338622	Varney-2018	8.596137776
605812.51	5600217.73	24.6317375	54172.24	53831.96	53659.72	54035.66652	-375.9465246	-169.7765246	Varney-2018	5.653475416
605803.65	5600221.22	24.47319491	54172.34	53830.8	53658.46	54035.66665	-377.2066484	-171.0366484	Varney-2018	4.393351627
605805.98	5600225.16	24.69672088	54172.46	53860.06	53687.6	54035.68143	-348.0814267	-141.9114267	Varney-2018	33.51857328
605803.18	5600227.22	24.6974589	54172.41	53868.41	53696	54035.68399	-339.6839854	-133.5139854	Varney-2018	41.91601465
605795.59	5600231.18	24.66201027	54172.42	53835.65	53663.23	54035.68535	-372.4553501	-166.2853501	Varney-2018	9.144649878
605791.93	5600233.11	24.65867874	54172.45	53658.52	53486.07	54035.68573	-549.6157257	-343.4457257	Varney-2018	-168.0157257
605789.19	5600232.27	24.55161563	54172.53	53587.81	53415.28	54035.67955	-620.3995458	-414.2295458	Varney-2018	-238.7995458
605782.55	5600234.48	24.50214007	54172.61	53663.05	53490.44	54035.67616	-545.2361595	-339.0661595	Varney-2018	-163.6361595
605785.46	5600241.1	24.90416012	54172.62	53686.83	53514.21	54035.69823	-521.4882252	-315.3182252	Varney-2018	-139.8882252
605779.75	5600239.87	24.72640763	54172.86	53781.38	53608.52	54035.68625	-427.1662472	-220.9962472	Varney-2018	-45.56624717
605779.95	5600247.21	25.12454479	54172.95	53926.76	53753.81	54035.70576	-281.8957625	-75.72576253	Varney-2018	99.70423747
605778.37	5600251.85	25.35292262	54173.08	53918.8	53745.72	54035.71521	-289.9952142	-83.82521424	Varney-2018	91.60478576
605777.14	5600260.28	25.8035059	54173.07	53898.37	53725.3	54035.73481	-310.4348079	-104.2648079	Varney-2018	71.1651921
605775.27	5600265.03	26.05664014	54173.17	53880.76	53707.59	54035.74345	-328.1534519	-121.9834519	Varney-2018	53.4465481
605772.24	5600267.86	26.20563098	54173.16	53838.83	53665.67	54035.74472	-370.074717	-163.904717	Varney-2018	11.52528299
605772.04	5600270.86	26.38013542	54173.23	53816.63	53643.4	54035.7518	-392.3518023	-186.1818023	Varney-2018	-10.75180227
605765.25	5600270.06	26.31800552	54173.35	53852.5	53679.15	54035.73628	-356.5862773	-150.4162773	Varney-2018	25.01372267
605758.76	5600271.7	26.41205695	54173.14	53793.17	53620.03	54035.72709	-415.6970868	-209.5270868	Varney-2018	-34.09708676
605758.05	5600275.36	26.65544474	54173.11	53765.44	53592.33	54035.73397	-443.403965	-237.233965	Varney-2018	-61.80396504
605757.95	5600276.92	26.75975661	54173.06	53755.63	53582.57	54035.7373	-453.1672975	-246.9972975	Varney-2018	-71.56729755
605748.59	5600273.84	26.55596138	54173.23	53727.99	53554.76	54035.71104	-480.9510393	-274.7810393	Varney-2018	-99.35103934
605747.9	5600276.27	26.72141465	54173.21	53725.46	53552.25	54035.71505	-483.4650549	-277.2950549	Varney-2018	-101.8650549
605746.31	5600284.91	27.30464031	54173.25	53721.38	53548.13	54035.73124	-487.6012387	-281.4312387	Varney-2018	-106.0012387

Easting	Northing	SRTM	base_mag	raw_mag	cor_mag	igrf	IGRF_corrected	res_mag	Property	res_mag_adj
605740.9	5600282.58	27.15759708	54173.27	53731.19	53557.92	54035.71462	-477.7946155	-271.6246155	Varney-2018	-96.19461552
605737.75	5600287.52	27.49641456	54173.25	53730.68	53557.43	54035.71913	-478.2891261	-272.1191261	Varney-2018	-96.68912609



Legend

- Cities/Towns
- Major Roads
- Railway
- Waterbodies

Kilometres

0 100 200 300 400

1:7,000,000

Coordinate System: UTM NAD83, Zone 09

GRAYMONT WESTERN CANADA INC.

Dahrouge Geological Consulting Ltd.
Edmonton, Alberta

VARNEY BAY PROPERTY
NORTHERN VANCOUVER ISLAND

Fig. 1.1
Location Map

KK 2018.10

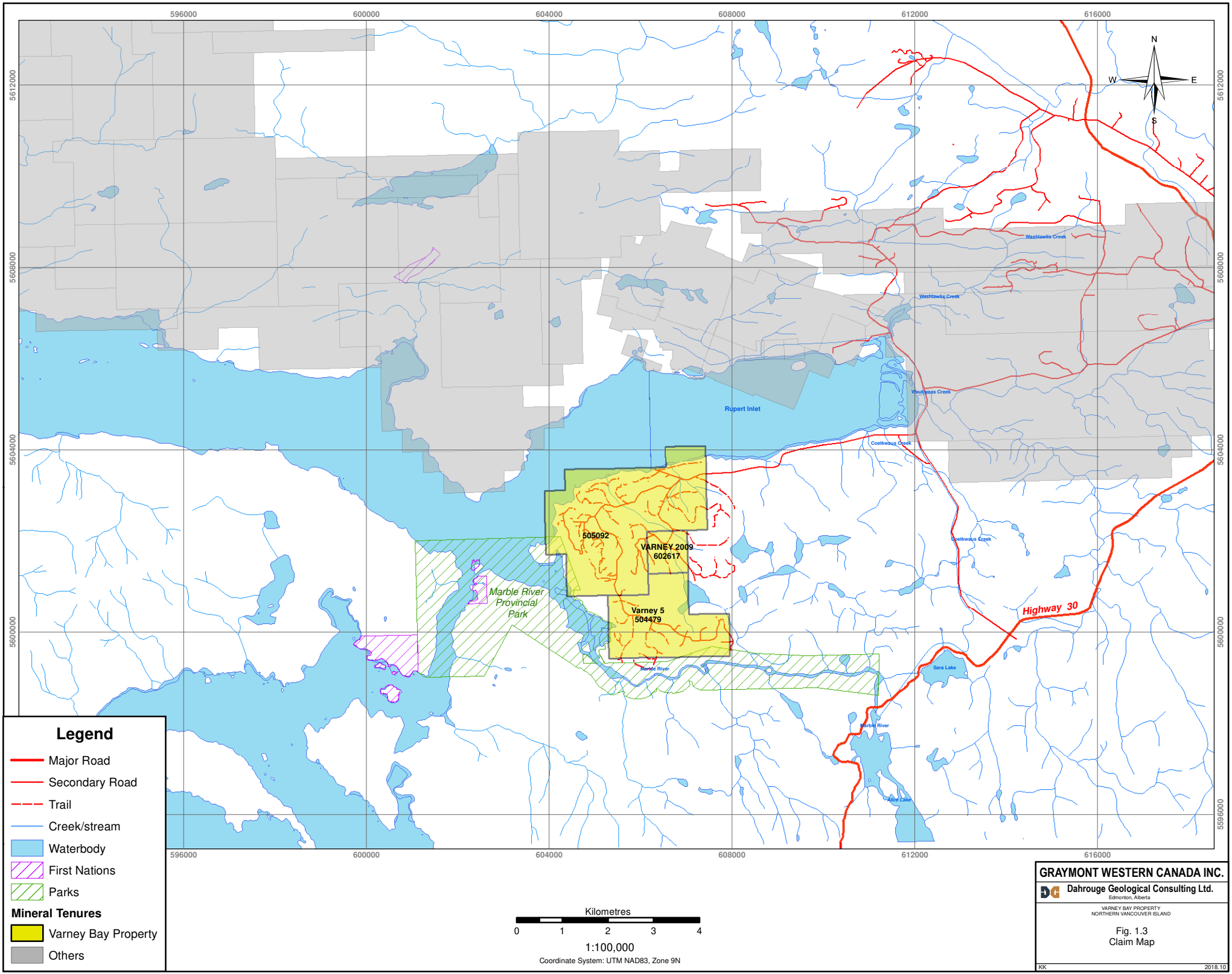
GRAYMONT WESTERN CANADA INC.

Dahrouge Geological Consulting Ltd.
Edmonton, Alberta

VARNEY BAY PROPERTY
NORTHERN VANCOUVER ISLAND

Fig. 1.2
Access Map

KK 2019.01


596000
600000
604000
608000
612000
616000
5612000
5608000
5604000
5600000
5596000
N
W
E
S
Washlawlis Creek
Washlawlis Creek
Waukwaas Creek
Rupert Inlet
Coetkwaus Creek
Coetkwaus Creek
505092
VARNEY 2009
602617
Varney 5
504479
Marble River
Provincial
Park
Highway 30
Sara Lake
Marble River
Alice Lake
Legend
Major Road
Secondary Road
Trail
Creek/stream
Waterbody
First Nations
Parks
Mineral Tenures
Varney Bay Property
Others
Kilometres
0 1 2 3 4
1:100,000
Coordinate System: UTM NAD83, Zone 9N
GRAYMONT WESTERN CANADA INC.
Dahrouge Geological Consulting Ltd.
Edmonton, Alberta
VARNEY BAY PROPERTY
NORTHERN VANCOUVER ISLAND
Fig. 1.3
Claim Map
KK
2018.10

F3

604000 605000 606000 607000

5602000 5601000 5600000 5599000

Rupert Inlet

Varney Bay

Base Station

V512

Tenure 505092

VARNEY 2009 602617

VARNEY 5 504479

V550

V500 D3

V500 D4

VB-22 VB-23 VB-24 VB-25 VB-26 VB-27 VB-28 VB-29 VB-30 VB-31 VB-32

N W E S

Legend

2018 Corrected Mag Data (nT)

- 54168 - 54477
- 53951 - 54167
- 53819 - 53950
- 53754 - 53818
- 53692 - 53753
- 53625 - 53691
- 53551 - 53624
- 53471 - 53550
- 53267 - 53470
- 51006 - 53266
- Basestation
- Road
- Trail
- Regional Fault
- Contours (20 m)
- Rivers/Creeks
- Waterbodies

Mineral Tenures

- Varney Bay Property
- Others

Outcrop

- Quatsino Fm.
- Karmutsen Fm.

Bedrock Geology

- Vancouver Gp. - Quatsino Fm.
- Vancouver Gp. - Karmutsen Fm.

Metres

0 500 1,000

1:5,000

Coordinate System: UTM NAD83, Zone 09N

Regional geology data from GeoFile 2005-02: Digital Geology Map of British Columbia

GRAYMONT WESTERN CANADA INC.

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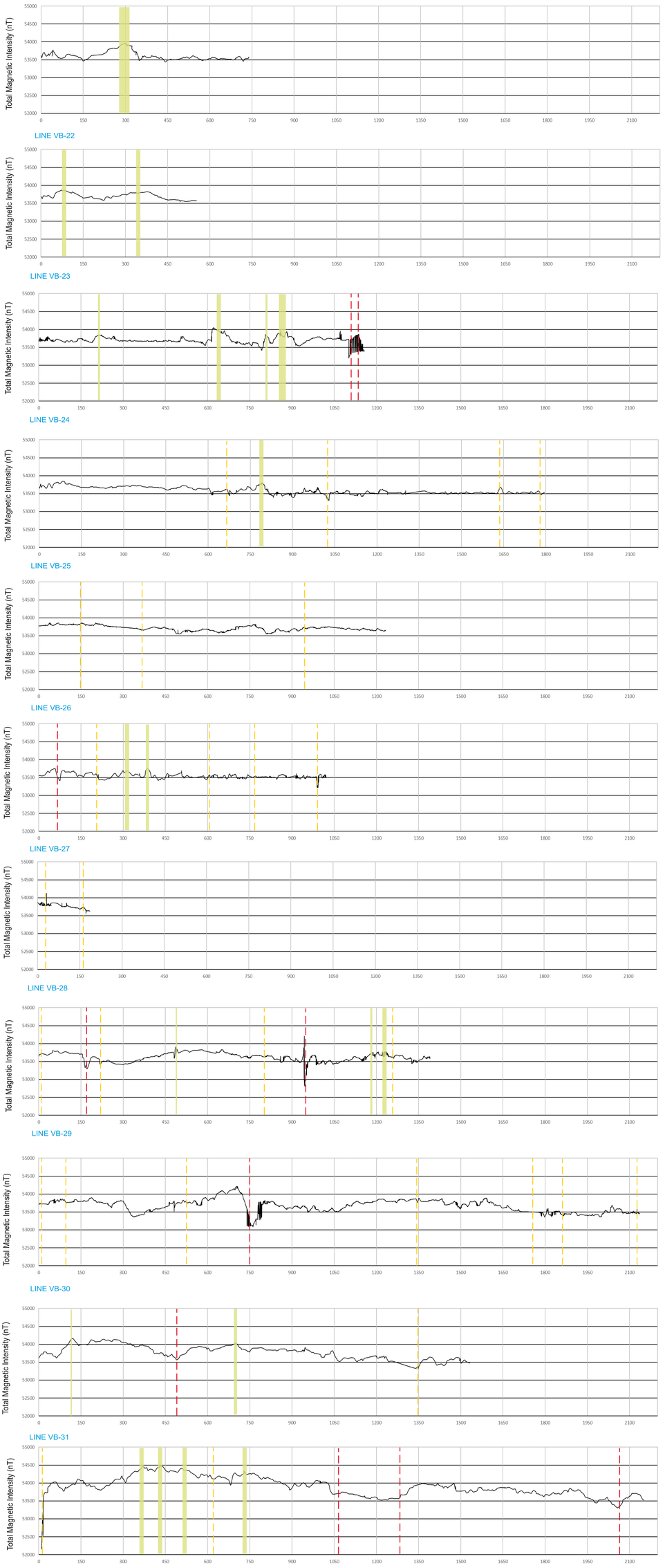
VARNEY BAY PROPERTY
NORTHERN VANCOUVER ISLAND

Fig. 1.4
2018 Exploration - Magnetic Data

KK 2019.01

NW SE



Distance (m)

LEGEND

- Magnetic profile (nT)
- Probable volcanic dyke (interpreted)
- Geological Contact (interpreted)
- Fault (interpreted)
- Road crossing (observed)
- Creek crossing (observed)

Note: All values are IGRF-corrected and relative to datum of 54000 nT

GRAYMONT WESTERN CANADA INC.

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EDMONTON, ALBERTA

VARNEY BAY PROPERTY
NORTHERN VANCOUVER ISLAND

Fig. 1.5
Magnetic Survey Profiles
VB-22 to VB-32

KK 2018.12

604000 605000 606000 607000

5602000 5601000 5600000 5599000

Tenure
505092

VARNEY 2009
602617

VARNEY 5
504479

Base Station

V512

V550

V500 D3

V500 D4

Rupert Inlet

Varney Bay

VB-22 VB-23 VB-24 VB-25 VB-26 VB-27 VB-28 VB-29 VB-30 VB-31 VB-32

N W E S

-333 -211 -146 -115 -88 -70 -50 -26 -3 19 47 74 108 150 212 254 310
TMI Residual nT
IGRF Corrected

Legend

- Basestation
- Road
- Trail
- Regional Fault
- Contours (20 m)
- Rivers/Creeks
- Waterbodies

Outcrop

- Quatsino Fm.
- Karmutsen Fm.

Bedrock Geology

- Vancouver Gp. - Quatsino Fm.
- Vancouver Gp. - Karmutsen Fm.

Mineral Tenures

- Varney Bay Property
- Others

Metres
0 500 1,000

1:5,000

Coordinate System: UTM NAD83, Zone 09N
Regional geology data from GeoFile 2005-02: Digital Geology Map of British Columbia

GRAYMONT WESTERN CANADA INC.

Dahrouge Geological Consulting Ltd.
Edmonton, Alberta

VARNEY BAY PROPERTY
NORTHERN VANCOUVER ISLAND

Fig. 1.6
TMI Grid Map
Varney Bay Property

KK 2018.12

604000 605000 606000 607000

5602000 5601000 5600000

N W E S

Tenure 505092

VARNEY 2009 602617

VARNEY 5 504479

Rupert Inlet

Varney Bay

V511 V510 C V512 V550 V500 D3 V500 D4

Sample 129057: 95.75$CaCO_3$ %
Sample 129056: 97.08$CaCO_3$ %
Sample 129062: 96.59$CaCO_3$ %
Sample 129061: 96.91$CaCO_3$ %
Sample 129060: 98.27$CaCO_3$ %
Sample 129065: 97.93$CaCO_3$ %
Sample 129063: 99.15$CaCO_3$ %
Sample 129067: 98.32$CaCO_3$ %
Sample 129066: 97.61$CaCO_3$ %
Sample 129064: 98.63$CaCO_3$ %
Sample 129068: 92.4$CaCO_3$ %
Sample 129059: 98.34$CaCO_3$ %
Sample 129058: 98.56$CaCO_3$ %
Sample 129073: 99$CaCO_3$ %
Sample 129072: 99.02$CaCO_3$ %
Sample 129069: 98.82$CaCO_3$ %
Sample 129055: 98.18$CaCO_3$ %
Sample 129054: 98.24$CaCO_3$ %
Sample 129053: 98.63$CaCO_3$ %
Sample 129074: 99.13$CaCO_3$ %
Sample 129075: 99.04$CaCO_3$ %
Sample 129052: 97.16$CaCO_3$ %
Sample 129051: 96.2$CaCO_3$ %
Sample 129070: 93.76$CaCO_3$ %
Sample 129071: 97.52$CaCO_3$ %
Sample 129105: 97.06$CaCO_3$ %
Sample 129104: 85.53$CaCO_3$ %
Sample 129103: 62.41$CaCO_3$ %
Sample 129025: 96.15$CaCO_3$ %
Sample 129102: 85.96$CaCO_3$ %
Sample 129101: 94.65$CaCO_3$ %

Legend

2018 Samples

$CaCO_3$ %

- 97 - 100
- 95 - 97
- 90 - 95
- < 90

- Road
- Trail
- Regional Fault
- Contours (20 m)
- Rivers/Creeks
- Waterbodies

Mineral Tenures

- Varney Bay Property
- Others

Outcrop

- Quatsino Fm.
- Karmutsen Fm.

Bedrock Geology

- Vancouver Gp. - Quatsino Fm.
- Vancouver Gp. - Karmutsen Fm.

Metres
0 500 1,000

1:5,000

Coordinate System: UTM NAD83, Zone 09N
Regional geology data from GeoFile 2005-02: Digital Geology Map of British Columbia

GRAYMONT WESTERN CANADA INC.

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VARNEY BAY PROPERTY
NORTHERN VANCOUVER ISLAND

Fig. 1.7
2018 Exploration - Sample Locations

KK 2018.12

605000 610000 615000 620000 625000 630000 635000 640000 645000 650000 655000

5610000 5605000 5600000 5595000 5590000 5585000 5580000 5575000

N W E S

Malcolm Island

Beaver Lake

Rupert Inlet

Alice Lake

Victoria Lake

Nimpkish Lake

Legend

- Regional Faults
- Topo Contours (100 m)

Mineral Tenures

- Varney Bay Property

Bedrock Geology

- Alert Bay Volcanics
- Bonanza Group
- Bonanza Group - Harbledown Fm
- Island Plutonic Suite
- Nanaimo Group - Suquash Seq
- Queen Charlotte Group
- Vancouver Group
- Vancouver Group - Parson Bay Fm
- Vancouver Group - Quatsino Fm
- Vancouver Group - Karmutsen Fm
- Unnamed

Kilometres

0 5 10

1:65,000

Coordinate System: UTM NAD83, Zone 9N

GRAYMONT WESTERN CANADA INC.

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Edmonton, Alberta

VARNEY BAY PROPERTY
NORTHERN VANCOUVER ISLAND

Fig. 2.1
Regional Geology

KK 2019.01