Assessment Report

for the

Faith Property

Fort Steele Mining Division
B.C.G.S. 082 F039 and 040
Latitude 49° 21' 11", Longitude 116° 11' 57"

Submitted by:

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SUMMARY

The Faith property is located in the Purcell Mountains along Kamma Creek, a west flowing tributary of the Goat River, southwest of Cranbrook, BC. The property comprises a total of 2,062.09 ha (5095.54 acres) located in the headwaters of Kamma Creek. Although the property is only approximately 37 km southwest of Cranbrook, access to the property must be made along the Goat River north of the community of Kitchener. Access is readily available for 2WD vehicle to, and throughout, much of the property along existing, well maintained logging roads.

The stratigraphy underlying the property belongs the uppermost Aldridge and lower to middle Creston Formations of the Belt Purcell Supergroup, lying in the hangingwall of the regionally significant Moyie River fault. In addition, a number of felsic intrusions have been identified in the general area (i.e. the Kiakho and Angus Creek Stocks) as well as smaller felsite dykes on immediately adjacent ground. These intrusive bodies are most probably correlated to the Bayonne Magmatic Belt (Logan 2002) of Cretaceous age.

Highly anomalous gold (to 1,460 ppb) has been previously identified on the property and a small grid extending through a saddle in the core of the property returned a further highly anomalous results (Klewchuk 1993). A short drill program subsequently completed by Consolidated Ramrod Resources (Klewchuk 1994) failed to intersect any interesting mineralization and the property was allowed to lapse.

The author believes that drill holes completed by Ramrod were collared in the footwall of the mineralized horizon(s) and drilled away from the horizon. As a result, the horizon remains untested.

Soils sampling in 2006 returned a number of multi-station, coincident soil anomalies which were followed up during the 2007 field season. A total of 339 soil samples were recovered during 2007, increasing the composite soil database compiled for the property to 1,334 analyses. The resulting composite database has evaluated for anomalies, which are described herein.

Between July 9th and 13th, a short soil sampling program (consisting of 24 man-days) was completed to provide further geochemical information with which to evaluate the property. A total of 339 soil samples were recovered and submitted to Acme Analytical Laboratories for processing using SS80 preparation and 39 element Group 1DX (ICP) analysis.

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1.0 INTRODUCTION

The Faith property is located in the Purcell Mountains along Kamma Creek, a west flowing tributary of the Goat River, southwest of Cranbrook, BC (Fig. 1 and 2). The property comprises a total of 2,062.09 ha (5095.54 acres) located in the headwaters of Kamma Creek (Fig. 3). Although the property is only approximately 37 km southwest of Cranbrook, access to the property must be made along the Goat River north of the community of Kitchener. Access is readily available for 2WD vehicle to, and throughout, much of the property along existing, well maintained logging roads.

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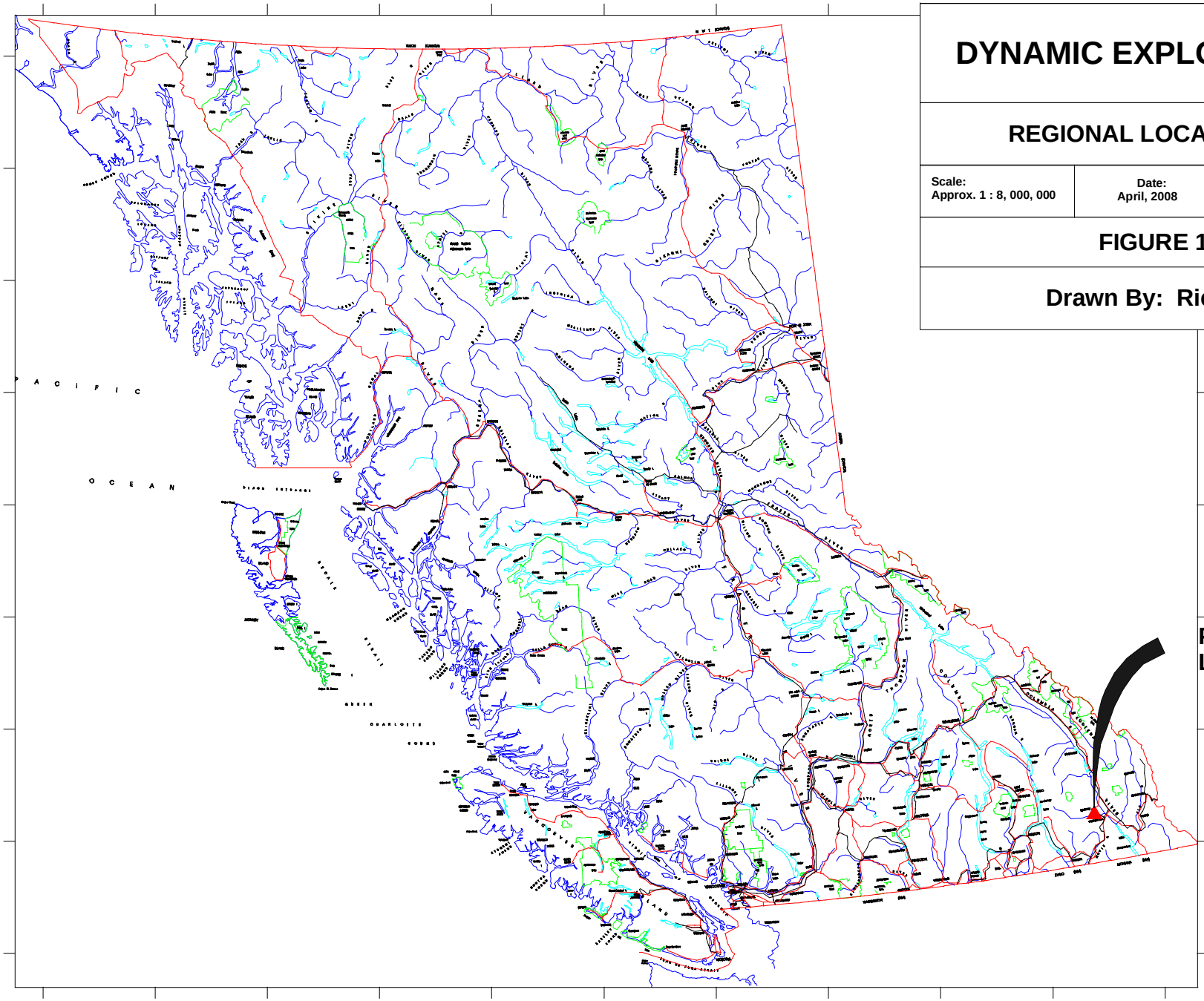
DYNAMIC EXPLORATION LTD

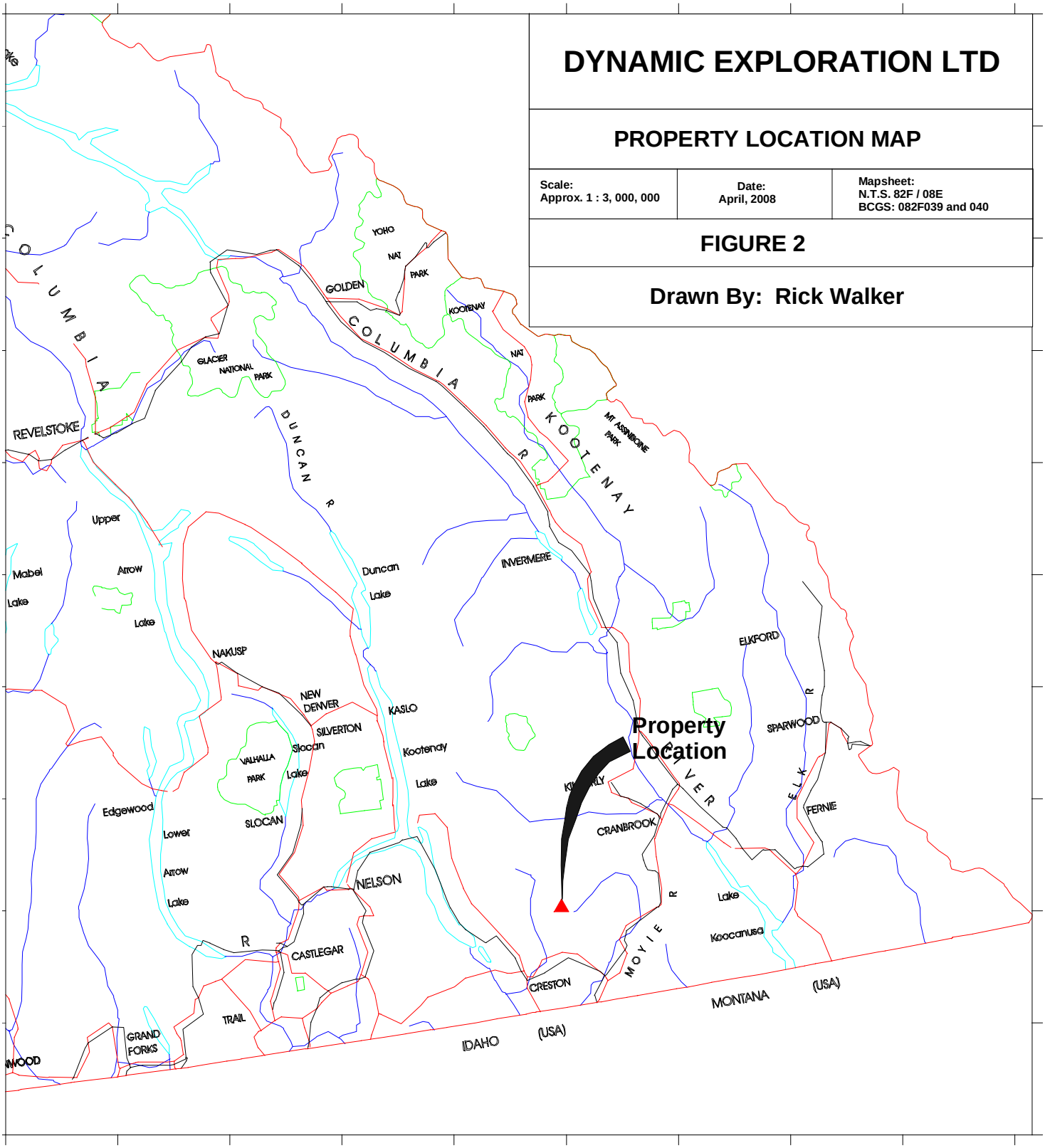
REGIONAL LOCATION MAP

Scale:	Date:	Mapsheet:
Approx. 1 : 8, 000, 000	April, 2008	N.T.S. 82F / 08E BCGS: 082F 039 and 040

FIGURE 1

Drawn By: Rick Walker




DYNAMIC EXPLORATION LTD
PROPERTY LOCATION MAP
Scale:
Approx. 1 : 3, 000, 000
Date:
April, 2008
Mapsheet:
N.T.S. 82F / 08E
BCGS: 082F039 and 040
FIGURE 2
Drawn By: Rick Walker
Property Location
COLUMBIA
COLUMBIA R
KOOTENAY
KOOTENAY R
DUNCAN R
YOHO NAT PARK
GOLDEN
GLACIER NATIONAL PARK
KOOTENAY NAT PARK
MT ASSINIBOINE PARK
REVELSTOKE
Upper Arrow Lake
Mabel Lake
Duncan Lake
INVERMERE
NAKUSP
NEW DENVER
SILVERTON
Slocan Lake
VALHALLA PARK
SLOCAN
KASLO
Kootenay Lake
Edgewood
Lower Arrow Lake
NELSON
CASTLEGAR
TRAIL
GRAND FORKS
ELKFORD
SPARWOOD
ELK R
FERNIE
CRANBROOK
MOYIE R
Lake Koocanusa
CRESTON
IDAHO (USA)
MONTANA (USA)

2.0 LOCATION AND ACCESS

The Faith property is located in the southern Purcell Mountains, approximately 36 kilometres south west of Cranbrook, British Columbia (Fig. 1 and 2). The claims comprising the property (Fig. 3) are located in the Fort Steele Mining Division and extend along a north flowing stretch of Kamma Creek at its headwaters, centred at approximate UTM coordinates 558500 E, 5467000 N (Latitude 49° 21' 11", Longitude 116° 11' 57"). The nearest major centre is the city of Cranbrook, from which most field programs can be supplied. The applicable 1:20,000 TRIM (Terrain Resource and Inventory Management) map is 082F 039 and 040.

There is no direct access from Cranbrook to the property. Vehicular access to the property is available from the main Kamma Creek Forest Service Road and along a relatively well developed system of tributary logging roads into the property. To access the property, drive approximately 110 km south and west from Cranbrook to the community of Kitchener along Highway 3. Turn north off the highway and drive north approximately 19 km north to the Kianuko Creek fork. Continue north approximately 5 km and turn east along Kamma Creek. Follow the road approximately 12 km to the property at the headwaters of Kamma Creek.

Helicopter support is also available from Cranbrook.

3.0 PHYSIOGRAPHY AND CLIMATE

The coniferous forest consists predominantly of pine, fir and larch which has been actively logged over the past 30 years. A number of clear-cuts are present throughout the property in various stages of regeneration.

Relief on the property is generally moderate at lower to middle elevation areas, with high relief areas at upper elevations. Elevation ranges from approximately 1280 m along Kamma Creek to 2060 m on an unnamed peak at the core of the property. Due to the location of the property within the core of the Purcell Mountains east of Kootenay Lake, the area is generally subject to moderately heavy accumulations of snow during the winter months. As a result, the property is available for exploration from mid-May to late October.

4.0 CLAIMS

The Faith property consists of 4 mineral tenures (Fig. 3) acquired through Mineral Tenure Online (MTO). All claim information was verified using the BC Government's Mineral Title website and is current as of this writing.

The property encompasses a total area of approximately 2,062.09 ha (5,095.54 acres). The four tenures are located at the headwaters of Kamma Creek, a west flowing tributary of the Goat River.

Significant claim data are summarized below:

Tenure Number	Claim Name	Anniversary Date	Area (ha)
544943	Faith 1	Nov. 06, 2010	525.95
544944	Faith 2	Nov. 06, 2010	505.15
544946	Faith 3	Nov. 06, 2010	525.93
544948	Faith 4	Nov. 06, 2010	505.06
		Total	**2,062.09**

* Subject to acceptance of the 2007 Assessment Report.

5.0 WORK HISTORY

In 1989, Placer Dome Inc undertook an exploration program in the headwaters of Kamma Creek, which documented anomalous gold values in stream, soil and rock samples (Assessment Report 19,436). Of particular interest are the results of a number of triplicate analyses on single samples, which appears to document the "nugget effect" (i.e. sample 8982, which returned 5, 5 and 670 ppb, the highest value returned in the program). The southeast and northeast tributaries of Kamma Creek returned anomalous gold and soil and stream samples. Limited geological mapping and rock sampling (analytical results not included in the microfiche copy of the report) documented a result of 180 ppb on the ridge separating the two tributaries described above (see also accompanying compilation map).

The next exploration program documented was that of Consolidated Ramrod Gold Corp. (Klewchuk 1994, 1993). A total of 227 soil samples were taken along four contour lines (two west of Kamma Creek and two north of Leadville Creek) and 275 samples on the TVG grid (south-southeast of the 180 ppb rock sample result of Placer Dome). Of particular interest were the results of the TVG grid, included on the accompanying soil compilation (2005 results) and centred at approximately 558470 E, 5466870 N. The resulting anomalous highs appear to outline a northeast trending, northwest dipping planar feature. This possible mineralized plane coincides with a faulted contact mapped between the lower and middle

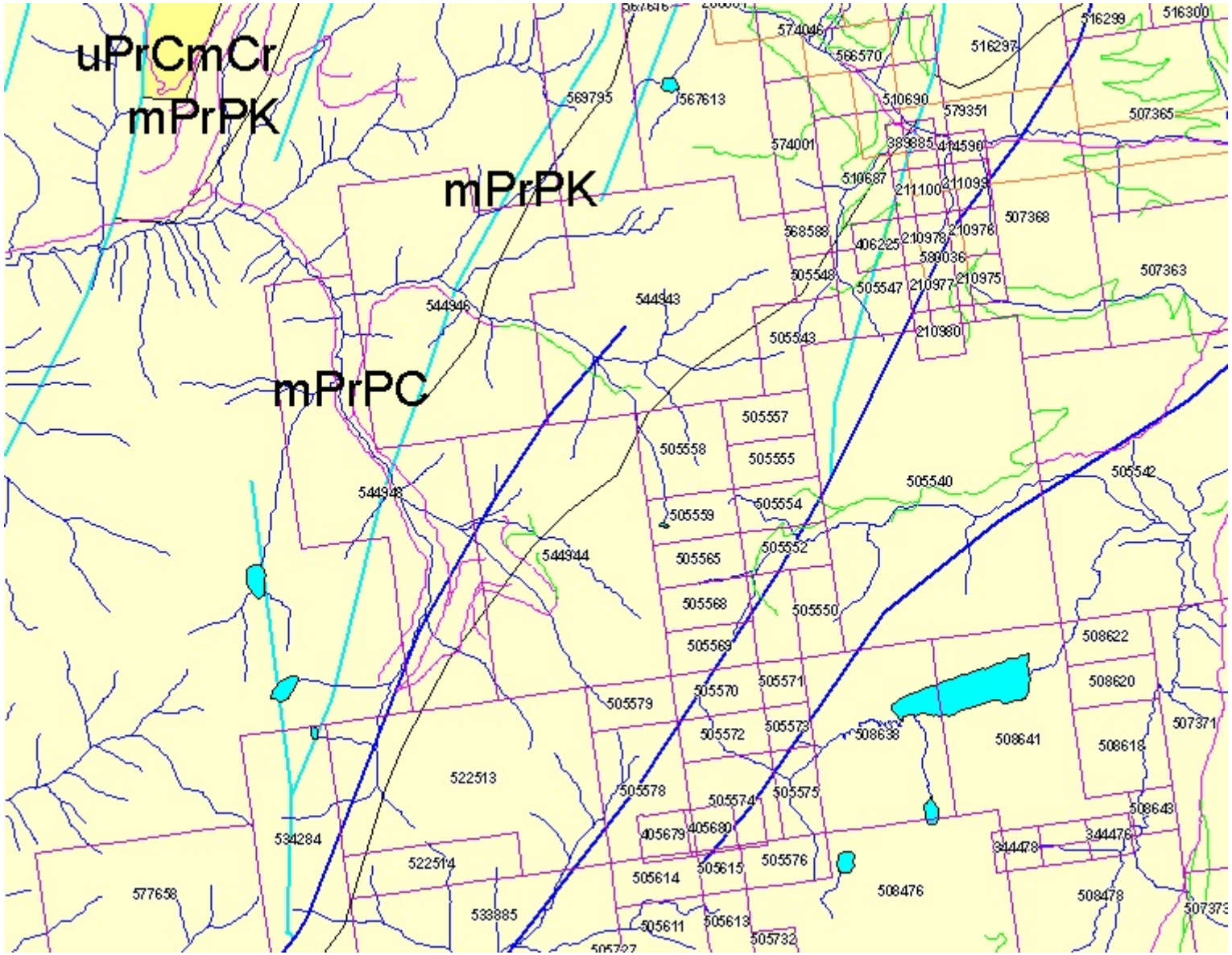


Figure 3 - Claim Map with underlying Geology (Scale 1:50,000); Light Blue - Thrust Faults, dark blue - normal faults - taken from The MapPlace.

Creston Formation on GSC Open File 2721.

As part of their exploration program, Consolidated Ramrod drilled a total of eight diamond drill holes within the proposed boundaries of the study area. Six were located in the vicinity of the 180 ppb gold result returned by a rock sample in the Placer Dome program. One (BR93-7) was collared in the southwest third of the "TVG" grid and the eighth in the southern headwaters of Kamma Creek (locations plotted on accompanying compilation map).

In 1998, work undertaken on the Payday and Blue Ribbon claims on behalf of Black Bull Resources (BC) Ltd documented anomalous gold in soils in the headwaters of Leadville Creek, immediately south of the proposed project area.

"3.1 Soil Geochemistry

Gold results show a few anomalous results on line 16N at 400-550E and line 13N at 1250E. Gold is thought to be coming from weathered quartz-limonite shear zones parallel to the Baldy fault.

3.2 Rock Geochemistry

... Results show a very significant anomaly north of the gold-in-soil anomaly detected on line 16N. Rock samples range up to 2330ppb.

4.00 RESULTS AND CONCLUSIONS

... Significant gold anomalies occur within the soil grid and as anomalous rock-gold samples north of the soil grid. These results should be followed up on by prospecting and further rock sampling. These anomalies are probably derived from shear-hosted gold deposit(s) within the Creston Formation" (Rodgers 1999)

6.0 REGIONAL GEOLOGY

The stratigraphy of the proposed study area is dominated by exposures of the middle to upper Aldridge Formation and lower to middle Creston Formations of the Proterozoic Purcell Supergroup (Brown et al. 1993, Reesor 1981). The stratigraphic section has been thickened by as much as 30% by the Moyie Sills, which intrude the Aldridge Formation as concordant to slightly discordant sills and, more rarely, as moderately to steeply cross-cutting dykes. These stratigraphic packages are described briefly below.

6.1 Stratigraphy

6.1.1 Proterozoic

6.1.1.1 Aldridge Formation

"Within the Purcell Mountains, it has been subdivided into three main divisions: the lower Aldridge comprises rusty weathering siltstone, quartz wacke and argillite; the middle Aldridge, grey weathering quartz wacke and siltstone interbedded with silty argillite; and the upper Aldridge, rusty to dark weathering laminated argillite and silty argillite ...

Middle Aldridge

The middle Aldridge comprises a thick sequence of fine clastic rocks, dominantly planar - bedded, fine-grained quartzofeldspathic wacke to arenite, with lesser siltstone and mudstone. Medium-grained sandstone is uncommon, and coarse-grained sandstone and conglomerate are rare. Total thickness is at least 3000 metres, and may be as much as 4000 metres ... In contrast, the middle Aldridge in the Cranbrook area is about 2500 metres thick and farther north at the Sullivan Mine, only 2100 metres ...

Typically, the middle Aldridge consists of rusty brown weathering quartzo-feldspathic wacke beds, 0.2 to 1.0 metres thick, separated by thinner intervals (typically 0.05 to 0.3 metres) of siltstone and argillaceous siltstone ... The sandstone beds are even, planar and laterally continuous, massive to indistinctly graded, locally with coarse (< 1 -2 mm) dark and pale grey laminae" (Brown et al. 1993).

"Laminated Siltstone markers

The marker units are sequences of laminated dark, and siltstone, up to several metres thick, in which each laminae can be matched in precise detail for distances up to several hundred kilometres. The pattern of each laminae is each sequence in unique and hence recognition of a specific sequence of laminae allows accurate positioning of isolated outcrops or drill intersections within the thick middle Aldridge succession. At least fourteen of these marker sequences are recognized. Locally, the markers are interrupted by turbidity deposits, or partly or totally removed due to erosion by turbidity currents. ...

> The upper part of the middle Aldridge is characterized by thinner wacke beds (0.05 - 0.5 metres thick) which are more widely separated with grey to dark grey, thin-bedded to laminated siltstone-dominated sequences in this part of the section and can be easily interpreted as upper Aldridge ... This distinct interbedded wacke and dark grey siltstone grades upward over about 100 metres into the upper Aldridge" (Höy 1993).

Upper Aldridge

> The upper Aldridge is distinguished by its rusty dark brown weathering, grey to dark grey, platy to fissile, thin and parallel - bedded to laminated siltstone and silty mudstone couplets. Characteristic white siltstone laminae are noted ... (and) informally called "lined rock". Quartzofeldspathic wacke beds are very rare and thin (<10 cm) ... Moyie sills are absent.

> The contact between the middle Aldridge and upper Aldridge is transitional over at least 100 metres, as wacke beds become thinner and more widely separated up-section ... (The thickness of the) upper Aldridge is estimated to be about 400 to 300 metres in the Yahk area. The gradational contact with the Creston Formation is placed where pale green colours, shrinkage (syneresis) cracks and other shallow-water sedimentary features first appear ... A massive, thick bedded siltstone or wacke occurs at the base of the Creston Formation" (Brown et al. 1993).

The upper part of the Aldridge Formation consists mainly of rusty weathering, thin-bedded, dark to medium grey argillite, and thinly parallel-laminated light and dark grey siltite laminae. Höy (1993) described the contact between the upper Aldridge and Creston Formations as usually gradational and placed the contact where either green-tinted lenticular bedding or syneresis cracks become noticeable.

6.1.1.2 Creston Formation

The Creston Formation comprises dominantly green, mauve and grey siltstone, argillite and quartzite which conformably overlies argillite and siltstone of the upper Aldridge Formation. It is interpreted to represent reworked sedimentary deposits in a shallow water environment (Brown et al 1993). The Creston Formation has been informally sub-divided into a lower argillaceous unit, a middle quartzitic member and an upper siltite/argillite unit (Brown et al. 1993). To the east, in the Fernie West-Half map sheet, Höy (1993) similarly described three main subdivisions.- "... a basal silty succession of thin-bedded grey to green siltstone and argillite, a middle quartzite succession of coarser grained mauve siltstone and quartz arenite, and an upper succession of intermixed green argillaceous siltstone and minor quartz arenite ...". Only the lower and middle Creston Formation have been identified in the proposed study area and stratigraphic descriptions are paraphrased below.

Lower Creston

> The lower Creston Formation is approximately 650 metres thick in the Goat River area and consists of thin-bedded, laminated siltstone, argillite and subordinate fine-grained quartz wacke. The lower Creston is in gradational contact with the underlying upper Aldridge

Formation and is distinguished by its waxy green colour, wavy to lenticular bedding and sedimentary structures, including shrinkage (syneresis) cracks, asymmetric and symmetric ripples (Brown et al. 1993).

'The basal Creston Formation comprises several hundred metres of interlayered argillites, argillaceous siltstone and minor quartz wacke. It is generally grey to dark grey and rusty weathering near the base, but becomes green tinged upsection with increasing siltite component. Thinly laminated argillite or siltite, graded siltite-argillite couplets and lenticular-bedded siltstone are the most abundant bedforms; more massive medium-bedded quartz wacke is less common and brown-weathering silty dolomite layers are occasionally recognized. Syneresis cracks are common in the thin-bedded argillite and argillaceous siltite units" (Höy 1993).

Middle Creston

The middle Creston overlies the lower Creston across a gradational contact and is at least 900 metres in thickness. It is comprised predominantly of thin to medium laminated quartz arenite to quartz wacke, siltstone and mudstone. It is characterized by interbedded sequences of mauve to purplish and green coloured sediments which distinguish the middle Creston from the lower Creston. "Light grey to white medium-grained quartz arenite with commonly concordant but locally discordant mauve colour laminations or rings is a distinctive lithotype" (Brown et al. 1993).

"The thick, middle part of the Creston Formation comprises mauve or green argillite and siltstone with variable amounts of more massive quartz wacke or arenite. Siltstone-argillite couplets, up to several centimetres thick, dominate the basal section of the middle Creston and differ from units in the basal section as they are commonly purple in colour, thicker bedded and contain abundant mud cracks. Lenses of massive to graded, green, purple, or white quartzite that may contain large tangential crossbeds or wavy, irregular laminations are inter-bedded with the purple siltstone. The quartzites commonly scour the underlying siltstone and may contain numerous rip-up clasts. Comening-upward cycles, with massive to laminated purple and green siltstone at the base and interlayered purple siltstone and white quartzite with crossbeds, rip-up clasts, scour-and-fill structures and graded beds at the top have been described at Premier Lake.

A prominent, thick, white orthoquartzite unit occurs near the middle of the middle Creston. It is medium to thick bedded and contains broad trough and tangential crossbeds and numerous rip-up clasts. The upper part of the quartzite unit comprises a number of coarsening-upward cycles, 3 to 10 metres thick, with purple and green siltstones at the base grading up through ripple cross-laminated siltstones and quartzites to massive thick-bedded quartzite at the top. Smaller fining-upward sequences are also common in the middle quartzite interval and overlying siltstone units.

Interbedded mauve siltstone and argillaceous siltsione, white quartz arenite and minor green siltstone overlie the white quartzite unit. Small fining-upward cycles are common, with massive to cross-bedded quartzites at the base and thin-bedded, mud-cracked and

rippled argillite or siltstone at the top. Rip-up clasts, mud-chip breccias and some load casts occur throughout these units.

Higher in the succession, laminated green siltstone and graded siltstone-argillite couplets become prominent. Surfaces may be mud-cracked or rippled, but these structures are less prominent than in underlying units. Small fining-upward cycles are common, with thick-bedded, white or green quartzite or more massive siltstone at the base grading up into thin-bedded siltite.

The top generally comprises pale green laminated to massive argillaceous siltstone, commonly with a dolomitic cement. Contact with the overlying Kitchener Formation is gradational and consists of a transitional zone of thin, regularly bedded siltstone-argillite that contains beds of dolomitic, buff weathering argillite. The Kitchener contact is placed at the base of the first appearance of relatively pure, thick dolomite" (Höy 1993).

6.1.1.3 Kitchener Formation

The following description has been paraphrased from Höy (1993):

"The Kitchener Formation is readily divisible into lower and upper members, with the upper member further subdivisible into a lower, grey dolomitic unit and an upper interlayered dolomite, silty dolomite and siltstone unit.

The lower member comprises dominantly pate green or locally grey siltstone and dolomitic siltstone interbedded with rusty to buff-weathering silty or argillaceous dolomitic layers typically 1 to 2 metres thick. The siltstone is commonly thinly laminated to thinly-bedded or consists of graded siltstone-argillite couplets. Mudcracks, lenticular beds, crossbeds, ripple marks and basal scours are common structures. Lenses of ripple cross-laminated, dolomite-cemented, very fine-grained quartzite that resemble lenticular bedded, scour-and-fill structures are locally abundant. Grey micritic limestone pods occur locally in some siltstone beds. "Dolomite" layers vary from a dark grey, argillaceous or silty dolomite to tan dolomitic siltstone. They are commonly lenticular bedded or contain discontinuous silt lenses. The thickness of the lower member is between 350 and 500 metres thick

The upper member comprises dominantly dark grey, very thin- to thin-bedded argillaceous or silty limestone and dolomite overlain by a succession of calcareous or dolomitic sittstones. Graded beds, with thin dolomite layers capped by either siltstone or dark grey argillite, are common throughout the upper member. Carbonate layers are commonly finely or irregularly laminated, massive, and locally crossbedded. Molar-tooth structures are locally abundant in silty dolomite layers. Calcareous, dolomitic or non-dolomitic siltstone layers occur throughout the basal part of the upper member but predominate in the upper part. Non-dolomitic siltite and argillite layers become common in the upper 300 metres, are commonly graded with argillite cappings, locally crossbedded, and may have rippled surfaces. Syneresis cracks occur locally, particularly in the upper, more silty section, and

mud cracks are uncommon. Thin oolitic layers occur near the base and top of the middle member and occasional layers of stromatolites are present throughout.

6.2 Intrusives

6.2.1 Proterozoic

6.2.1.1 Moyie Sills

The "Moyie sills" comprise primarily sills but include dykes of gabbroic to dioritic composition, restricted to the lower and middle Aldridge Formation. The sills are commonly thick (15 to 30 metres) and have lateral continuity over tens of kilometres. As they are generally concordant or slightly crosscut bedding they have been used for gross stratigraphic correlations. The sills are fine to medium grained, and range in composition from homblende (±pyroxene) gabbro to hornblende quartz diorite and hornblendite (Brown et al. 1993). "Biotite granophyre ranging in composition from biotite granodiorite to biotite quartz diorite, also occurs in the centre of many of the thicker sills ... (The) sills comprise dominantly hornblende and plagioclase phenocrysts, typically up to 5 millimetres in diameter, in a finer grained groundmass of plagioclase, quartz, hornblende, chlorite and epidote. Hornblende phenocrysts, commonly partially altered to chlorite and epidote, are generally subhedral to anhedral with irregular, ragged terminations. Plagioclase ... is generally clouded by a fine mixture of epidote and albite (Hoy 1993).

> "Moyie silts are restricted to the lower Aldridge, the lower part of the middle Aldridge, and to correlative rocks in the northern Hughes Range. Moyie Intrusions generally form laterally extensive sills .. (and) commonly comprise up to 30 per cent of lower and middle Aldridge successions. Their abundance decreases up-section in the middle Aldridge, as the abundance of thick-bedded A-E turbidites decreases.
>
> Moyie sills comprise dominantly gabbro and diorite ... (consisting of) dominantly hornblende and plagioclase phenocrysts, typically up to 5 millimetres in diameter, in a finer grained groundmass of plagiociase, quartz, hornblende, chlorite and epidote. Hornblende phenocrysts, commonly partially altered to chlorite and epidote, are generally subhedral to anhedral with irregular ragged terminations. Plagioclase ... is generally clouded by a fine mixture of epidote and albite (?), particularly in the more calcic cores of zoned crystals. Accessory minerals include leucoxene, commonly intergrown with magnetite, as well as tourmaline, apatite, calcite and zircon".

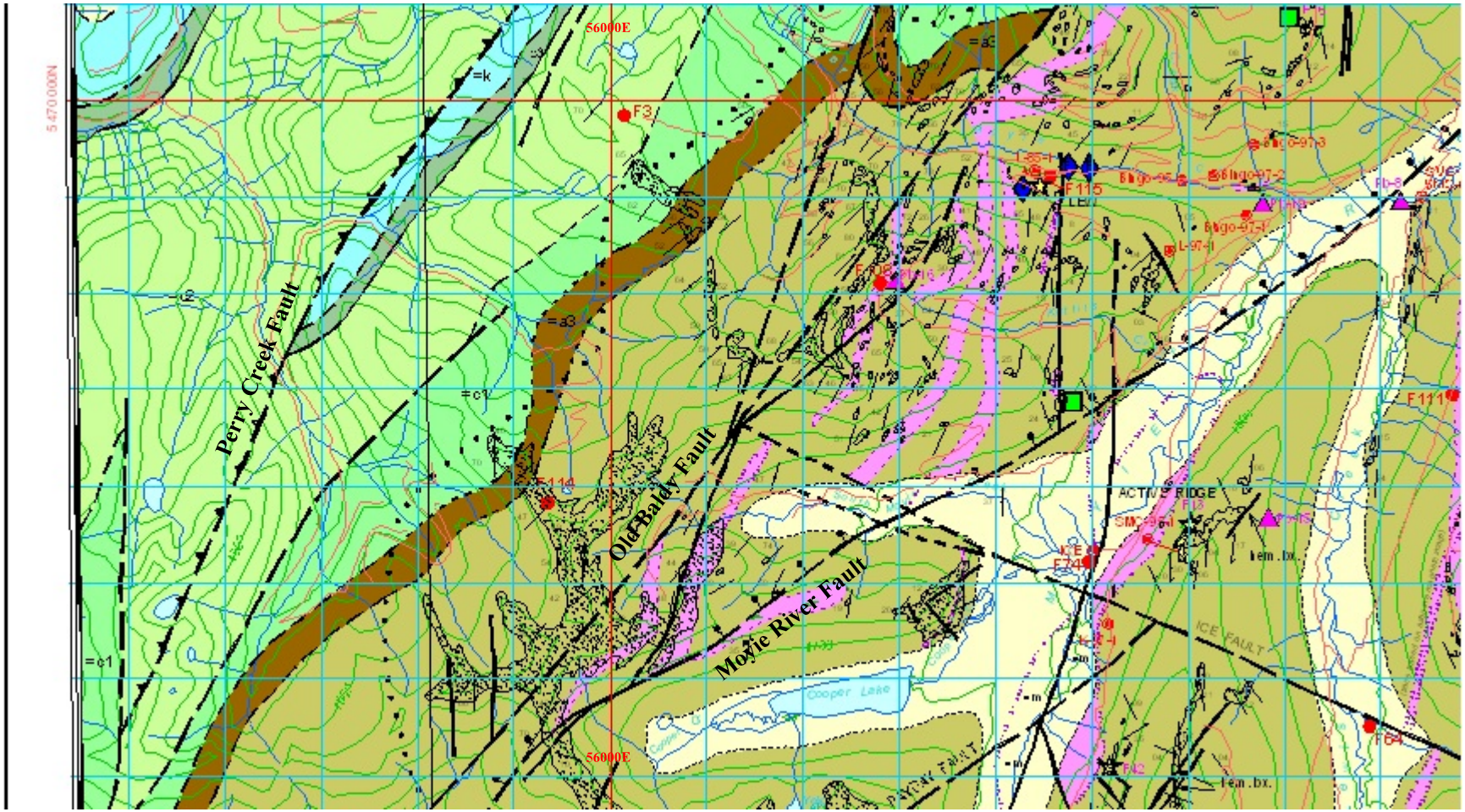


Figure 4 - Detailed geological map of the Faith property. A2 through 3 - middle through upper Aldridge Formation, Pink - Moyie intrusions into middle Aldridge Formation, C1 through 3 - lower through upper Creston Formation, K - Kitchener Formation, blue grid - UTM 1 km square. Major faults indicated by name

(excerpt from Brown 1998)

6.2.2 Mesozoic

6.2.2.1 Granitic Intrusions

Cretaceous intrusives of broadly “granitic” composition are present in a belt extending from the westernmost Rocky Mountains to Kootenay Lake, northward to the Baldy Batholith. Intrusions range from small dykes and sills to larger intrusive complexes such as the Mt. Skelly Batholith and are collectively referred to as the Bayonne Magmatic Belt (or Suite).

> “Intrusive rocks ... include a number of small post kinematic mesozonal quartz monzonite, monzonite and syenitic plutons, numerous small quartz monzonite to syenite dikes and sills probably related to these stocks, and late mafic dikes. The Kiakho and Reade Lake stocks, two of the larger of the mesozonal plutons, cut across and apparently seal two prominent east-trending faults that transect the eastern flank of the Purcell anticlinorium, and hence place constraints on the timing of latest movement on these faults.
>
> The Kiakho stock is exposed on the heavily wooded slopes of Kiakho Creek approximately 10 kilometres (west-southwest) ... of Cranbrook ... Exposures consist mainly of large, fresh angular boulders of boulder fields. Although contacts with country rock were not observed, regional mapping indicates that it intrudes clastic rocks of the Aldridge and Creston formations. The distribution of outcrops and a pronounced aeromagnetic anomaly indicate that it cuts the east-trending Cranbrook normal fault with no apparent offset. ...
>
> The Kiakho stock is similar to the Reade Lake stock with the dominant phase being a light grey, medium-grained quartz monzonite. It is generally equigranular but grades into a hypidiomorphic granular porphyritic phase with prominent plagioclase and light grey to flesh-coloured potassic feldspar phenocrysts; both are up to several centimetres in diameter in a granular groundmass of white subhedral plagioclase, light grey potassic feldspar, quartz and black hornblende” (Höy 1993).

6.3 Structure

The following has been summarized from Höy (1993):

Rocks of the Purcell Supergroup have been affected by several separate phases of deformation, ranging from Middle Proterozoic through to Paleocene. The North American craton underwent two phases of extension, a compressional orogeny and subsequent continental rifting, followed by development of a miogeocline. Thrusting and folding associated with development of the Foreland Fold and Thrust belt took place from Cretaceous to Paleocene time and was followed by Eocene extension.

The earliest deformation was associated with extension in the Middle Proterozoic which resulted in block faulting along the margin of the Purcell Basin, coincident with deposition of the Fort Steele and Aldridge formations. Movement along growth faults is interpreted to have ceased by upper middle to upper Aldridge time. ...

A late Middle to early Upper Proterozoic (1300 to 1350 Ma) compressional event, the East Kootenay orogeny, has been interpreted based upon evidence for deformation and metamorphism prior to deposition of lower Paleozoic miogeoclinal strata. This event was associated with folding, development of a regional cleavage and granitic intrusions (i.e. 1305 ± 52 Ma Hellroaring Creek stock). Localized high grade metamorphic areas (i.e. Mathew Creek) are related to this tectonic event which is interpreted to have terminated Belt Purcell sedimentation.

The extensional Goat River orogeny occurred during deposition of the Windermere Supergroup (800 to 900 Ma) and is characterized by large-scale block faulting during and perhaps immediately prior to deposition of strata. The Windermere Supergroup is comprised of a basal conglomerate (Toby Formation) overlain by immature clastic and carbonate sediments of the Horsethief Creek Group. The Toby Formation consists of "... predominantly conglomerates and breccias, interpreted to have been deposited in fan sequences adjacent to active fault scarps in large structural basins. Locally, up to 2000 metres of underlying Belt-Purcell rocks have been eroded from uplifted blocks, providing a sediment source ... in adjacent basins" (Höy 1993).

The earlier tectonic events may record incipient rifting, with development of block-faulted, intracratonic structural basins, whereas by early Paleozoic time continental separation had occurred as platformal and miogeoclinal sediments were deposited on a western continental margin. The Laramide orogeny (Late Jurassic to Paleocene) resulted in the horizontal, northeast directed compression of Proterozoic strata and the overlying Paleozoic miogeoclinal prism onto the North American craton. Easterly verging thrust faults and folds developed with normal faults and westerly verging back thrusts and normal faults, resulting in a complex structural pattern. Two major faults, St. Mary and Moyie faults, have had a significant role in the structural history and fabric of the region, controlling facies and thickness changes in Proterozoic and Paleozoic strata.

A final episode of north-trending, west-dipping normal faulting took place in the Late Tertiary. The Rocky Mountain Trench is the most prominent and is a listric normal fault having dip-slip separation of at least 5 to 10 kilometres. However, strike slip separation is interpreted to be minimal based on stratigraphic correlations across the trench.

7.0 LOCAL GEOLOGY

The structure of the area (Fig. 4) is dominated by the Purcell Anticlinorium, a broad anticlinal structure which exposes strata of the Purcell Supergroup. The western limb of the anticlinorium is host to several regionally significant faults, having considerable east side down, dip-slip displacement and resulting in duplication of the Purcell Supergroup strata. The property is influenced by the major northeast trending Moyie River Fault to the southeast.

The Moyie Fault, at Moyie Lake, juxtaposes the upper Kitchener Formation against the lower Aldridge Formation, representing in excess of 4.6 km of vertical displacement (Brown 1998). The Aldridge Formation in the hangingwall is comprised predominantly of the middle Aldridge Formation, with subordinate exposures of the lower Aldridge Formation immediately west of the Moyie Fault. Regionally, the contact between the upper Aldridge Formation and the overlying

Creston Formation is the locus of the Old Baldy Fault (or its interpreted en echelon equivalents). Vertical displacements in excess of 250 metres have been documented where the fault juxtaposes lower Creston Formation against the upper middle Aldridge Formation. The Moyie River Fault follows the Moyie River valley and has an unknown, west side down component of displacement. These represent the main northeast- trending faults.

There are a limited number of west to northwest trending faults such as the Perry Creek Fault (Fig. 4), interpreted to be coeval and similar in nature to late (possibly Cretaceous age) faults described farther north, such as the Cranbrook Fault which "... is an east-trending normal fault that is younger than folding associated with initial reverse displacement on the Palmer Bar fault, but is later than normal movement. The Cranbrook fault juxtaposes Creston Formation in its hangingwall against middle Aldridge turbidites. It is cut by the Kiakho stock which has been dated by potassium-argon at 122 Ma. Due to possible excess argon in the hornblendes, this date is interpreted to be a maximum age of emplacement of the stock. ..." (Höy 1993).

8.0 PROPERTY GEOLOGY

The property is underlain in approximately subequal proportions by Aldridge and Creston formation strata, with Kitchener Formation strata along the west-northwest boundary (Fig. 4). Regional mapping (Brown 1998), documents a series of northeast trending, northwest dipping faults in the hangingwall of the Moyie fault. These faults duplicate the stratigraphy in the hangingwall, comprised of the Middle Aldridge through Kitchener Formation, in multiple thrust faults.

The property, as mapped, is bounded by two faults, the Perry Creek Fault to the northwest and the Old Baldy Fault to the southeast, both in the hangingwall of the regionally significant Moyie River Fault. The contact between the Aldridge and Creston Formation trends northeast and passes through the approximate centre of the property.

There is a single MINFILE occurrence occurring at the eastern edge of the property, namely, the Cooper (Minfile 082FSE114). This occurrence, at UTM coordinates 559322 E, 5465849 N (within 1 km), encompasses the anomalous gold results documented as a result of the 1993 program by Consolidated Ramrod Gold Corp (Klewchuk 1994, 1993), as well as the previous program by Placer Dome Inc. in 1989 (Assessment Report 19,436) and largely contained within the claim block proposed for this program.

The description for the MINFILE occurrence is as follows:

> "The Cooper property is located between the headwaters of Kamma Creek, which drains into the Goat River, and the South Moyie Creek, which drains into the Moyie River. The claim area is south of and along strike from a regional fault underlying Perry Creek, where lode gold mineralization has been found; exploratory and active placer gold operations are present along the Goat and Moyie rivers respectively. Gold has been found in individual quartz veins (2-20 metres wide), mineralized shear zones

> associated with Middle Proterozoic Moyie intrusions, and altered zones surrounding syenite intrusive bodies located along major faults.
>
> The property is underlain by rocks of the Creston and Aldridge formations, comprising respectively shallow water sedimentary and deeper water turbidite facies; siltstone, argillite and fine- grained quartzite are represented. These strata have an average strike of 215 degrees and dip 40-85 degrees west; there are a number of medium to small sized shear or fault zones throughout the property that strike northeast and dip vertically.
>
> Pyrite is associated with small quartz veins up to 0.5 metre thick within the Aldridge Formation, occurring as single cubes and fine disseminations throughout the veins; specular hematite is also associated with small quartz veins.
>
> Pyrrhotite occurs as fine blebs in Aldridge argillaceous quartzite float, and there is also abundant float of milky white quartz ranging up to large 5 metre angular boulders of quartz vein float that suggest a local source.
>
> Anomalous gold up to 670 parts per billion was found in bulk stream sediment samples draining east off the property but follow-up soils were not able to pinpoint the source of the gold; anomalous gold was found to 180 parts per billion in a five metre quartz vein which contains hematite and chlorite. This sample also contains anomalous copper (100 parts per million) and arsenic (177 parts per million) (Assessment Report 19436)".

In addition, the proposed claim block lies approximately 3 km southwest of the David property (Minfile 082FSE108), on which an inferred resource of 96,000 tonnes grading 7.11 grams per tonne was documented in 1991. The following was taken from the description in the MINFILE report:

> "Significant gold mineralization is restricted to shear zones, semiparallel to bedding in the hostrocks, or closely related quartz veins. Mineralization consists of pyrite, galena, chalcopyrite and sphalerite with some visible gold. Alteration consists mainly of silicification, with lesser chlorite and clay.
>
> The David shear occurs within quartzites and siltstones of the Middle Aldridge Formation and has been traced along strike for 1600 metres and 150 metres downdip. The shear contains anomalous gold values over this entire length. The 0.20 to 1.5 metre wide shear strikes 010 degrees and dips 60 degrees west, cutting the bedding of the hostrocks at an oblique angle. The average gold content is 0.5 to 2.0 grams per tonne. Mineralized ancillary shears intersect the main shear".

The widespread weakly to moderately, locally highly, anomalous gold values within, and adjacent to, the property in interpreted to suggest potential to identify similar gold-bearing shears on the faults mapped in the area, north of the Old Baldy Fault system which hosts the David occurrence. Soil sample lines by Consolidated Ramrod Gold Corp. along the west side of the headwaters of Kamma Creek and along the north side of Leadville Creek in 1993 documented minor to moderate levels of

anomalous gold, respectively. Subsequent work on behalf of Black Bull resources (BC) Ltd has documented anomalous gold in the headwaters of Leadville Creek, immediately south of the property.

Anomalous data documented as a result of the Placer Dome and Consolidated Ramrod exploration programs have been plotted on the accompanying compilation map (indicated by the green “2005" samples).

Of the eight diamond drill holes completed in 1993 by Consolidated Ramrod Gold Corp. within the current Faith property, DDH BR93-7 was apparently drilled to test a moderately anomalous gold + silver zone in the southwest portion of the TVG grid. As a result, it would have been collared in the footwall of a postulated northeast trending, northwest dipping mineralized plane and would not have tested the zone. Although the 6 holes to the north were collared in the hanging wall of the proposed mineralized zone, they are far enough north and of such limited depth, they would not have penetrated deeply enough to test the zone. Therefore, the postulated mineralized zone proposed for the TVG grid remains untested.

9.0 2007 PROGRAM

A short soil sampling program was completed on the Faith property to further the geochemical information available for evaluating the property. Three contour and four traverse lines were completed, to further define and delineate anomalies arising from previous years surveys. The survey was completed over a 6 day period from July 19th to 13th, inclusive.

Samples were collected from a variably developed “B Horizon”, with many of the samples taken from the top of road cut exposures. Sample depths ranged from 5 cm to 50 cm and notes pertaining to the 2005 samples are included in Appendix B. Sample locations were recorded using hand-held GPS and are generally considered to be accurate to within 10 m.

All samples were submitted to Acme Analytical Laboratories Ltd for processing using the SS80 package and analysis using the Group 1EX (41 element ICP + Ga) package. Samples locations are plotted on Figure 5, with analytical results included in Appendix B.

10.0 RESULTS

10.1 Soil Sampling

A total of 339 soil samples were recovered from a total of 7 soil lines located on either side of a ridge trending northwest through the property and on the northeast side of a branch of Kamma Creek (Fig. 5). Previous results from available Assessment Reports (Rodgers 1999, Klewchuk 1993) were compiled and combined with unpublished data from 2006, resulting in a composite database of 1,334 analyses, all geographically referenced. Soil results prior to 2006 are indicated in green as “2005", samples from 2006 are highlighted in red in Figure 5, whereas those completed in 2007 are highlighted in blue.

The intent of the program was to provide infill geochemical coverage along the ridge and at a high angle to the structural trend of the underlying stratigraphy. Furthermore, the data was intended to expand upon anomalies (in particular gold) identified from the grid sampled in 1993 so as to attempt to delineate any surface control evident.

The resulting composite database consists of 1,334 ICP analyses. The following discussion addresses composite results of the entire soil database, rather than simply those of the data returned from the 2007 field program. Background values were designated as those values less than the median value (50%). Weakly anomalous values are those lying between the median and 1 standard deviation above the median, moderately anomalous values are those between 1 and 2 standard deviations above the median and strongly anomalous values are those greater than the median + 2 standard deviations, as follows:

Element	Median	Median + 1ä	Median + 2ä	Maximum	Minimum
Mo	1	1.94	2.88	9	0.1
Pb	16.7	36.74	56.78	411	1
Zn	53	80.17	107.34	293	5
Ag	0.2	0.38	0.56	2	0.01
Au	2.7	48.38	94.06	1460	0.5

For the purposes of plotting contoured data, generally regular contour intervals were selected between the median and maximum value. The upper contour limit may have been reduced to minimize the visual effect of a significant single spike high. Contoured data for each element discussed below was plotted in addition to the classed data.

Finally, geological information (Massey et al. 2005) has been included on the geochemical plots so as to provide reference for discussion. Geological contacts are indicated by purple lines, while faults are indicated in red lines.

Copy of the 2007 analytical results are included in Appendix B.

10.1.1 Molybdenum

Of the 1,334 analyses returned to date for the property, all samples returned values above the minimum detection limit of 0.1 ppm. Analysis of the available database returned a mean value of 1.21, a median value of 1.0 and a standard deviation of 0.94.

A classed plot of the data is presented as Figure 6. The data were also gridded, contoured and plotted so as to better define and emphasize any possible trends inherent within the data. By comparison with Figure 4, it can be seen that there is a dramatic change in the tenure of the molybdenum response spatially associated with the transition from the Aldridge Formation (southeast) to the Creston Formation (northwest). The area underlain by the Creston Formation is comprised largely of background values whereas the Aldridge Formation is characterized by a number of anomalous values.

While the data range (0.1 to 9 ppm) is not all that large, relatively speaking, the resulting geochemical contrast provides a means of distinguishing between the Creston and Aldridge formations, at least at a coarse level.

10.1.2 Lead

Of the 1,334 analyses available, all returned values above the minimum detection limit for lead. Analysis of the available database returned a mean value of 20.44, a median value of 16.7 and a standard deviation of 20.04.

A plot of the data (Fig. 7)\, again, documents a strong contrast between the geochemical response of the Creston (northwest) versus Aldridge (southeast) formations as indicated the northeast trending purple line. The Aldridge Formation is characterized by weakly to strongly anomalous values, whereas the Creston Formation returned predominantly background values. Furthermore, there appears to be a transitional geochemical gradient from the Aldridge Formation upward into the Creston Formation.

10.1.3 Zinc

A total of 1,334 zinc analyses returned values greater than the minimum detection limit (0.1 ppm). Analysis of the available database returned a mean value of 57.93, a median value of 53.00 and a standard deviation of 27.17.

A plot of the data (Fig. 8) supports, but is not as definitive as, figures 6 (molybdenum) and 7 (lead). Weakly to anomalous zinc values (to a maximum of 293 ppm) are spatially associated with the upper Aldridge and lowermost Creston Formation. Arguably, there may be an association with an unnamed fault between the Perry Creek and Old Baldy faults, associated with the contact between the lower and middle Creston Formation and, more importantly for this program, the saddle in which anomalous geochemical results have been documented.

10.1.4 Gold

A total of 1,303 gold analyses returned values greater than the minimum detection limit (0.5 ppb). Analysis of the available database returned a mean value of 9.57, a median value of 2.7 and a standard deviation of 45.68. These data are interpreted to suggest the bias of at least one highly anomalous outlier (at a maximum of 1,460 ppb).

A plot of the data (Fig. 9) documents a very interesting set of anomalies, having different controls than those for molybdenum, lead and zinc. Whereas the metals above appear to be controlled predominantly by stratigraphy, gold appears to have, at least in part, a structural control. The unnamed fault between the Perry Creek and Old Baldy faults appears to have a coarse spatial association with a number of discontinuous gold anomalies, particularly those documented by the tight grid in the saddle centred at 558600 E, 5467000 N. (Note: the large red anomalies in the northwest and southeast corners are artifacts of the kriging routine, attempting to grid areas of sparse information).

11.0 DISCUSSION

The geochemical data reviewed for the purposes of this report (molybdenum, lead, zinc and gold) returned some very interesting results, requiring further evaluation. Molybdenum, lead and zinc values appear to document a predominant stratigraphic control, whereas gold appear to document a structural control.

Of the first three metals, lead appears to not only document a close spatial association with the stratigraphic contact between the upper Aldridge Formation and the lower Creston Formation but may also document a transitional gradient consistent with a moderately steep dip to the northwest. This transition is based on relatively coarsely spaced data (for this purpose) yet is consistent with mapping in the area (Brown 1998). On the basis of the geochemical data, the contact between the Aldridge and Creston formations is more irregular than that indicated on the map (Brown 1998). In all likelihood, this conclusion is valid as the stratigraphic contact is probably drawn on a regional basis from a number of sources, whereas the geochemical is specific to the property. In addition, structure contouring of the surface trace of faults into, and through, the property, based on mapped field occurrences and measurements having a moderate dip to the northwest shoul dbe expected to have a more curvilinear relationship with topography than that indicated. Finally, there are a number of faults documented on and in the immediate area of the property so additional unmapped faults should be expected. Therefore, the geochemical information is considered to be more reflective (but not necessarily correct) of the stratigraphic and structural relationships characterizing the property than the regional geology map.

Similarly, geochemical anomalies documented for gold demonstrate a general spatial association with the contacts and, more specifically, the structures (faults) indicated on the geology map (Brown 1998). In detail, there are inconsistencies between the orientation and continuity of geochemical trends for gold and surface traces of stratigraphic contacts and faults on the map. A possible explanation for this may, again, be the difference between the regional nature of the geology map and the property specific nature of the geochemical results. The strong spatial association between moderately anomalous gold results and the saddle where one would expect a recessive fault to be localized, is interpreted as evidence for the *in situ* validity of the gold anomalies documented throughout the property. The exception to this statement would be anomalies occurring along the boundaries and, in particular, lying outside the area of geochemical coverage.

Geological mapping of the property should be considered so as to attempt to constrain the location and surface trace of the stratigraphic contacts and structural elements of the property.

12.0 CONCLUSIONS

The 2007 program on the Faith property consisted of recovering 339 “B Horizon” soil samples along both contours and compass traverses throughout the property, generally oriented at a high angle to both the trend of the host stratigraphy and controlling structures. Samples lines were selected so as to provide additional information with which to evaluate anomalies. Results returned from analysis of the samples were very encouraging.

The geochemical results appear to confirm stratigraphic differences between the Aldridge and Creston formations (for molybdenum, lead and zinc), based on the overall nature of the geochemical response, as well as structural elements (on the basis of gold results). Furthermore, the geochemical results suggest that the geological map for the area (Brown 1998) is largely regional nature, with considerable room for refinement at the property scale.

Future work is recommended, comprised of further soil sampling to better delineate geochemical (soil) anomalies in some areas of the properties. The saddle, in which initial gold anomalies were documented (Blue Robin property - Klewchuk 1993), remains the locus of a compelling geochemical anomaly, predominantly for gold, interpreted to be structurally associated with a fault / shear zone. Subsequent drill testing by Chapleau Resources (Klewchuk 1994) is interpreted to have been collared incorrectly to test the structural control, having been collared in the footwall, and drilled away from, the fault. Drill testing is strongly recommended to test both the fault and the possibility of shear hosted gold associated with the Old Baldy Fault system.

13.0 REFERENCES

Brown, D.A. 1998. Geological Compilation of Grassy Mountain (East Half) and Moyie Lake (West Half) Map Areas, Southeastern British Columbia, British Columbia Ministry of Energy and Mines Geoscience Map 1998-3, 1:50,000 scale map.

Höy, T. 1993. Geology of the Purcell Supergroup in the Fernie West-Half Map Area, Southeastern British Columbia British Columbia Ministry of Energy, Mines and Petroleum Resources Bulletin 84, 157 p.

Klewchuk, P. 1994. Assessment Report on Roadbuilding, Trenching and Diamond Drilling - Blue Robin Property, Nelson Mining Division, Assessment Report 23,398, dated June, 1994

----------. 1993. Assessment Report on Soil Geochemistry - Blue Robin Property, Nelson Mining Division, Assessment Report 23, 160, dated December, 1993.

Lang, J.R., Baker, T., Hart, C.J.R. and Mortenson, J.K. 2000. An Exploration Model for Intrusion-Related Gold Systems, Society of Economic Geologists Newsletter, Number 40, 1, pp.1 , 6-15.

Logan, J. 2002. Intrusion - Related Mineral Occurrences of the Cretaceous Bayonne Magmatic Belt, Southeast British Columbia, British Columbia Ministry of Energy and Mines Geoscience Map 2002-1, 1:500,000 scale.

Massey, N.W.D., MacIntyre, D.G., Desjardins, P.J. and Cooney, R.T., 2005: Digital Geology Map of British Columbia: Whole Province, B.C. Ministry of Energy and Mines, Geofile 2005-1, scale 1:250,000.

Rodgers, G.M. 1999. Geochemical Report (Payday and Blue Ribbon claims), Nelson Mining Division, Assessment Report 26,081, dated Nov. 15, 1999.

Appendix A

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, Richard T. Walker, of 2601 - 42nd Avenue, Cranbrook, BC, hereby certify that:

1) I am a graduate of the University of Calgary of Calgary, Alberta, having obtained a Bachelors of Science in 1986.

2) I obtained a Masters of Geology at the University of Calgary of Calgary, Alberta in 1989.

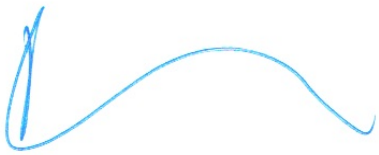
3) I am a member of good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

4) I am Vice President - Exploration for Jasper Mining Corporation, with an office at 2601 - 42nd Avenue, Cranbrook, British Columbia.

5) I am the author of this report which is based on work completed under my supervision between July 9th and 13th, 2007.

6) I was personally involved in the acquisition of the claims described herein.

Dated at Cranbrook, British Columbia this 11th day of April, 2008.



Richard T. Walker, P.Geo.

Appendix B

Soil Sample Results

DISTANCE	EASTING	NORTHING	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Sn	Zr		
A8363	559316	5467351	2	26	40	87	0.1					42		5																													
A8364	559279	5467327	1	19	32	47	0.01					25		70																													
A8365	559293	5467399	0.1	18	15	63	0.1					14		10																													
A8366	559256	5467380	0.1	13	17	68	0.2					31		15																													
A8367	559270	5467471	5	14	57	77	0.01					46		10																													
A8368	559227	5467443	0.1	44	44	85	0.01					42		40																													
A8369	559244	5467509	5	20	25	45	0.01					17		10																													
A8370	559199	5467498	0.1	26	40	109	0.01					41		45																													
A8371	559207	5467591	0.1	18	30	76	0.1					19		5																													
A8372	559174	5467582	0.1	25	37	54	0.6					29		0.5																													
A8373	559167	5467683	3	22	49	96	0.1					22		10																													
A8374	559130	5467671	3	12	23	53	0.01					13		5																													
A8375	559146	5467791	2	24	50	49	0.01					10		5																													
A8376	559089	5467763	0.1	13	35	45	0.01					15		25																													
A8377	559093	5467843	0.1	20	30	52	0.01					8		10																													
A8378	559047	5467816	0.1	15	22	68	0.01					13		15																													
A8379	559033	5467896	1	14	19	56	0.01					8		10																													
A8380	558973	5467885	3	19	35	78	0.01					22		10																													
A8381	559009	5467921	0.1	22	25	54	0.01					11		5																													
A8382	558905	5467949	0.1	18	44	71	0.01					26		25																													
A8383	558930	5467990	0.1	15	20	49	0.01					9		15																													
A8384	558801	5467990	0.1	7	12	30	0.01					5		10																													
A8385	558827	5468035	3	18	33	63	0.01					11		10																													
A8386	558747	5468027	0.1	21	23	47	0.01					9		10																													
A8388	558668	5468081	2	9	13	39	0.01					6		5																													
A8389	558704	5468113	0.1	14	29	56	0.01					12		0.5																													
A8390	558594	5468110	0.1	13	22	47	0.1					15		0.5																													
A8391	558628	5468153	1	11	16	49	0.01					11		10																													
A8392	558477	5468185	2	10	12	47	0.01					7		5																													
A8393	558562	5468191	2	12	16	52	0.01					8		15																													
A8395	558484	5468221	3	13	20	44	0.01					9		0.5																													
A8402	560570	5467492	0.1	10	14	30	0.01					7		5																													
A8404	560534	5467483	6	34	97	179	0.4					23		10																													
A8406	560488	5467474	2	19	49	92	0.2					11		0.5																													
A8407	560567	5467535	5	21	36	105	0.01					35		5																													
A8408	560430	5467462	9	22	38	71	0.3					18		0.5																													
A8409	560520	5467540	4	34	69	85	0.5					18		20																													
A8412	560301	5467443	1	18	30	59	0.5					12		30																													
A8413	560431	5467521	1	20	45	92	0.6					13		10																													
A8414	560231	5467444	5	26	43	110	0.5					14		5																													
A8415	560355	5467510	2	20	34	74	0.01					15		5																													
A8416	560171	5467455	5	22	38	77	0.01					20		0.5																													
A8417	560305	5467503	4	17	26	74	0.2					10		10																													
A8418	560082	5467481	7	27	39	106	0.4					14		15																													
A8419	560238	5467502	2	15	38	66	0.2					9		10																													
A8420	559996	5467516	5	12	32	44	0.3					11		0.5																													
A8421	560176	5467506	4	13	23	39	0.1					8		0.5																													
A8422	559940	5467559	2	11	21	43	0.01					9		0.5																													
A8423	560093	5467530	8	14	25	52	0.1					11		0.5																													
A8424	559888	5467597	2	12	22	48	0.01					10		15																													
A8425	560011	5467559	2	15	30	69	0.1					11		10																													
A8426	558355	5464843	1	14	23	50	0.01					11		0.5																													
A8427	559960	5467609	7	19	34	61	0.1					10		0.5																													
A8428	558331	5464934	2	21	25	56	0.01					10		15																													
A8430	558302	5465026	1	28	39	75	0.01					13		20																													
A8431	558381	5464880	0.1	15	23	71	0.01					15		0.5																													
A8432	558281	5465113	6	24	45	72	0.01					18		0.5																													
A8433	558363	5464954	2	36	34	119	0.1					19		5																													
A8434	558268	5465146	7	22	31	74	0.01					18		0.5																													
A8435	558338	5465058	4	10	19	54	0.01					10		30																													
A8436	558240	5465199	3	11	25	43	0.01					12		15																													
A8437	558321	5465122	0.1	23	38	78	0.01					14		10																													
A8438	558196	5465273	4	27	52	68	0.01					15		10																													
A8439	558297	5465175	5	22	28	74	0.01					21		0.5																													
A8440	558151	5465348	6	19	35	74	0.01					19		10																													
A8441	558280	5465225	2	19	44	73	0.01					17		5																													
A8442	558106	5465401	0.1	17	29	71	0.4					16		25																													
A8443	558243	5465307	0.1	13	18	53	0.1					12		0.5																													
A8444	558058	5465438	0.1	15	28	85	0.2					28		15																													
A8445	558198	5465387	0.1	20	33	97	0.1					22		30																													
A8446	558012	5465503	0.1	11	21	52	0.1					24		30																													
A8447	558150	5465453	0.1	12	14	54	0.1					11		10																													
A8448	560398	5468171	0.1	13	19	57	0.2					9		20																													
A8449	558111	5465503	3	22	25	88	0.1					11		15																													
A8450	560366	5468147	5	28	62	136	0.5					35		5																													
A8451	558055	5465554	0.1	9	21	90	0.2					10		10																													
A8452	560342	5468109	2	18	21	77	0.01					11		15																													
A8453	560357	5468209	0.1	13	28	56	0.1					10		0.5																													
A8454	560317	5468073	0.1	12	30	46	0.4					5		5																													
A8455	560333	5468182	5	12	17	41	0.01					10		0.5																													
A8456	560281	5468051	0.1	11	31	59	0.4					9		10																													
A8457	560314	5468142	1	11	16	62	0.01					9		0.5																													
A8458	560250	5468038	2	14	24	63	0.01					9		0.5																													
A8459	560275	5468107	2	12	23	74	0.01					14		0.5																													
A8460	560213	5468017	0.1	16	19	83	0.01					10		10																													
A8461	560251	5468094	0.1	13	21	50	0.01					6		0.5																													
A8462	560177	5468002	0.1	17	20	84	0.2					13		0.5																													
A8463	560227	5468076	0.1	15	24	56	0.01					12		0.5																													
A8464	560145	5467989	4	11	27	54	0.1					8		10																													
A8465	560194	5468066	1	15	23	66	0.1					13		0.5																													
A8466	560109	5467970	0.1	17	16	45	0.01					7		0.5																													
A8411	560484	5467526	7	20	45	85	0.2					13		15																													
A8467	560155	5468054	3	17	22	69	0.01					15		5																													
A8468	560080	5467943	4	22	41	72	0.1					13		25																													
A8469	560128	5468039	0.1	13	26	62	0.01					13		5																													
A8470	560041	5467917	0.1	16	23	54	0.1					9		20																													
A8471	560093	5468023	0.1	14	25	41	0.01					9		10																													
A8472	560012	5467904	3	25	47	76	0.01					11		15																													
A8473	560053	5468001	3	19	22	45	0.01					10		25																													
A8474	559962	5467876	4	12	24	51	0.2					7		20																													
A8475	560018	5467974	1	25	34	77	0.1					11		5																													
A8476	559897	5467858	5	21	34	86	0.1					12		0.5																													
A8477	559978	5467956	3	21	27	63	0.01					8		20																													
A8478	559825	5467830	3	17	23	73	0.01					7		15																													
A8494	558814	5465432	3	19	39	66	0.01					15		25																													
A8495	558837	5465454	4	17	39	55	0.01					11		30																													

A8496	558766	5465493	0.1	19	36	66	0.01					17		75																	
A8497	558800	5465517	2	17	18	51	0.01					13		20																	
A8498	558726	5465540	0.1	15	34	63	0.01					17		70																	
A8499	558755	5465557	3	14	20	61	0.2					9		50																	
A8500	558689	5465583	0.1	16	23	42	0.1					15		15																	
A8501	558726	5465607	0.1	16	22	49	0.2					11		0.5																	
A8502	558646	5465621	2	12	28	44	0.4					7		15																	
A8503	558686	5465650	2	17	33	113	0.1					12		0.5																	
A8504	558619	5465655	1	17	39	88	0.1					16		0.5																	
A8505	558660	5465686	4	27	36	112	0.2					12		15																	
A8506	558588	5465681	2	25	23	59	0.01					11		5																	
A8507	558630	5465732	3	23	46	104	0.1					12		5																	
A8508	558553	5465718	6	16	25	34	0.2					11		15																	
A8509	558599	5465763	4	29	61	94	0.2					17		5																	
A8510	558522	5465774	3	12	29	58	0.01					20		0.5																	
A8511	558537	5465848	1	61	27	70	0.01					15		0.5																	
A8512	558484	5465814	1	18	36	76	0.2					18		10																	
A8513	558501	5465896	0.1	16	26	49	0.1					15		5																	
A8514	558460	5465857	0.1	11	31	33	0.3					7		10																	
A8515	558371	5465965	0.1	15	22	79	0.1					12		10																	
A8516	558407	5465901	0.1	16	25	57	2					18		15																	
1	558025	5466500	1	9	9	32	0.2	8	3	166	1.33	2	5	10	4	1	1	1	7	0.02	0.02	15	8	0.14	58	0.02	0.59	0.01	0.09	2	0.01	1
2	558040	5466487	1	9	11	38	0.2	8	3	254	1.51	4	5	20	6	1	2	1	9	0.03	0.03	19	8	0.15	69	0.03	0.8	0.01	0.09	1	0.01	1
3	558057	5466474	1	8	16	48	0.2	9	2	486	1.69	3	5	5	10	1	2	1	13	0.05	0.03	19	9	0.15	135	0.03	0.9	0.01	0.11	1	0.01	1
4	558072	5466461	1	9	18	46	0.2	8	3	519	1.61	6	5	5	17	1	1	1	12	0.1	0.04	20	9	0.17	145	0.02	0.97	0.01	0.13	1	0.01	1
5	558087	5466448	1	11	27	47	0.2	9	4	667	1.67	7	5	5	25	1	2	1	12	0.14	0.03	20	9	0.19	169	0.03	1.19	0.01	0.11	1	0.01	1
6	558101	5466436	1	11	16	44	0.2	7	7	334	1.72	5	5	5	6	1	3	1	14	0.04	0.04	19	9	0.14	79	0.04	1.65	0.01	0.1	2	0.01	1
7	558117	5466423	1	10	16	48	0.2	8	4	243	1.75	6	5	5	3	1	2	1	13	0.02	0.04	19	9	0.14	63	0.03	1.36	0.01	0.1	1	0.01	1
8	558133	5466410	1	10	23	68	0.4	8	1	375	2.38	6	5	5	4	1	4	1	22	0.02	0.12	10	10	0.12	76	0.07	2.92	0.02	0.09	1	0.01	1
9	558148	5466397	1	9	18	46	0.2	5	4	323	2	6	5	5	4	1	2	1	18	0.03	0.05	15	10	0.11	60	0.03	1.62	0.01	0.08	1	0.01	1
10	558163	5466384	1	6	15	45	0.2	7	3	195	1.7	4	5	5	3	1	1	1	14	0.02	0.04	21	11	0.13	53	0.03	1.24	0.01	0.1	1	0.01	1
11	558178	5466371	1	6	18	36	0.2	5	1	169	1.59	5	5	5	3	1	1	3	19	0.02	0.03	9	8	0.08	46	0.04	0.88	0.01	0.09	1	0.01	1
12	558058	5466538	1	10	18	47	0.2	9	7	323	1.89	7	5	5	4	1	3	2	18	0.03	0.07	14	10	0.16	78	0.05	1.48	0.01	0.09	2	0.01	1
13	558072	5466525	1	8	11	39	0.2	7	2	199	2.11	7	5	30	3	1	1	1	17	0.02	0.06	13	8	0.11	50	0.04	1.11	0.01	0.08	1	0.01	1
14	558088	5466511	1	7	12	37	0.2	5	3	656	1.37	4	5	5	6	1	1	2	11	0.06	0.03	17	7	0.12	78	0.03	0.66	0.01	0.08	1	0.01	1
15	558103	5466499	1	7	12	45	0.4	7	2	235	1.9	5	5	5	6	1	1	1	19	0.03	0.04	18	9	0.13	90	0.06	0.94	0.01	0.08	1	0.01	1
16	558119	5466486	1	18	35	50	0.3	11	7	640	2.07	14	5	5	16	1	1	1	16	0.07	0.06	37	11	0.17	128	0.05	1.45	0.01	0.1	1	0.01	1
17	558134	5466474	1	11	26	60	0.3	9	5	339	2.31	10	5	5	11	1	1	1	17	0.08	0.07	16	10	0.12	96	0.06	1.9	0.01	0.1	1	0.01	1
18	558149	5466461	1	8	15	42	0.1	7	1	213	1.76	8	5	5	3	1	1	1	12	0.02	0.04	26	9	0.15	51	0.02	0.93	0.01	0.11	1	0.01	1
19	558165	5466449	1	4	10	20	0.2	3	1	88	0.91	4	5	5	3	1	1	1	14	0.03	0.02	23	5	0.05	31	0.03	0.69	0.01	0.09	1	0.01	1
20	558180	5466436	1	6	14	28	0.2	4	1	110	1.17	3	5	5	4	1	1	1	15	0.03	0.03	20	7	0.07	38	0.03	0.94	0.01	0.08	1	0.01	1
21	558196	5466423	1	9	19	49	0.2	7	3	155	2.14	6	5	5	4	1	1	3	22	0.02	0.06	10	10	0.13	46	0.05	1.26	0.01	0.08	1	0.01	1
22	558210	5466410	1	12	20	50	0.2	8	5	257	1.74	8	5	5	4	1	2	3	18	0.04	0.07	12	10	0.12	58	0.05	1.77	0.01	0.09	1	0.01	1
23	558090	5466578	2	14	20	63	0.2	10	4	284	2.13	6	5	5	5	1	3	3	24	0.03	0.06	15	12	0.21	125	0.05	2.34	0.02	0.09	1	0.01	1
24	558105	5466565	1	15	22	52	0.2	9	3	177	2.07	7	5	5	7	1	4	2	22	0.05	0.06	16	10	0.12	92	0.07	2.06	0.01	0.1	2	0.01	1
25	558121	5466552	1	8	18	43	0.2	5	2	191	1.73	3	5	5	6	1	1	1	19	0.04	0.04	15	9	0.12	80	0.06	1.04	0.01	0.08	1	0.01	1
26	558134	5466539	1	11	19	57	0.2	7	3	412	2.61	7	5	5	4	1	4	3	31	0.03	0.09	14	10	0.14	65	0.09	1.74	0.02	0.09	1	0.01	1
27	558150	5466526	1	8	14	42	0.2	7	2	228	1.57	3	5	5	4	1	1	2	15	0.02	0.03	23	8	0.13	87	0.04	0.97	0.01	0.07	1	0.01	1
28	558166	5466514	1	14	18	60	0.2	11	3	240	1.99	7	5	5	9	1	1	2	12	0.05	0.04	23	9	0.19	96	0.03	1.17	0.01	0.08	1	0.01	1
29	558181	5466502	1	8	20	33	0.2	5	1	191	1.63	3	5	5	5	1	1	1	19	0.03	0.03	22	8	0.11	56	0.05	1	0.01	0.09	1	0.01	1
30	558198	5466488	2	12	25	30	0.4	7	2	81	1.66	11	5	5	9	1	3	1	16	0.05	0.04	23	14	0.09	59	0.07	2.09	0.02	0.08	1	0.01	1
31	558212	5466475	1	11	15	37	0.4	7	7	143	1.48	9	5	5	3	1	3	3	12	0.01	0.04	15	7	0.11	50	0.03	1.57	0.01	0.09	2	0.01	1
32	558228	5466462	1	8	22	45	0.2	8	7	1100	1.47	5	5	5	13	1	1	4	12	0.06	0.03	24	9	0.18	102	0.02	1.1	0.01	0.1	1	0.01	1
33	558243	5466450	1	20	31	58	0.2	12	9	442	2.09	10	5	5	5	1	1	4	11	0.02	0.03	30	11	0.24	62	0.02	1.2	0.01	0.1	1	0.01	1
34	558121	5466616	1	14	15	57	0.2	10	7	199	1.96	7	5	5	4	1	2	3	15	0.02	0.04	21	11	0.23	72	0.03	1.45	0.01	0.09	1	0.01	1
35	558137	5466604	1	15	15	46	0.2	7	2	173	1.9	6	5	5	4	1	2	4	20	0.02	0.08	15	9	0.12	64	0.07	2.43	0.02	0.08	1	0.01	1
36	558152	5466591	1	34	47	53	0.8	11	3	453	2.2	14	5	5	9	1	1	4	25	0.05	0.07	46	12	0.19	110	0.11	2.24	0.02	0.1	1	0.01	1
37	558168	5466578	1	19	20	64	0.6	9	1	537	2.36	7	5	5	5	1	3	5	28	0.03	0.13	7	11	0.12	63	0.15	4.72	0.03	0.08	1	0.01	1
38	558183	5466564	1	16	18	65	0.2	8	1	478	2.3	11	5	5	4	1	1	3	20	0.02	0.17	12	10	0.11	72	0.07	3.21	0.02	0.09	1	0.01	1
39	558199	5466552	1	11	16	71	0.2	11	1	143	1.74	7	5	5	6	1	3	2	15	0.03	0.11	15	10	0.13	111	0.05	2.47	0.02	0.08	1	0.01	1
40	558214	5466540	1	14	17	47	0.2	10	5	169	1.81	9	5	5	4	1	1	4	11	0.03	0.05	26	10	0.2	59	0.02	1.21	0.01	0.11	1	0.01	1
41	558228	5466527	1	17	18	52	0.2	11	7	158	2.03	11	5	5	3	1	2	5	14	0.02	0.04	28	11	0.22	57	0.03	1.51	0.01	0.1	1	0.01	1
42	558244	5466514	1	16	17	52	0.2	9	7	206	2.12	10	5	40	4	1	1	4	15	0.02	0.05	26	10	0.19	54	0.03	1.57	0.01	0.09	1	0.01	1
43	558260	5466501	1	17	17	54	0.2	10	5	169	2.02	11	5	5	3	1	2	4	10	0.01	0.04	29	10	0.21	47	0.02	1.36	0.01	0.09	1	0.01	1
44	558275	5466489	1	20	18	67	0.2	12	5	268	2.29	8	5	5	4	1	1	3	17	0.02	0.06	30	11	0.27	69	0.04	2.21	0.01	0.09	1	0.01	1
45	558152	5466653	1	12	14	56	0.7	10	7	383	2.08	8	5	30	4	1	1	3	18	0.02	0.06	20	10	0.2	64	0.05	1.63	0.01	0.08	1	0.01	1
46	558168	5466640	1	15	17	56	0.6	9	8	464	1.98	9	5	5	5	1	1	1	16	0.04	0.08	23	9	0.14	80	0.06	1.82	0.02	0.09	1	0.01	1
47	558183	5466628	1	19	20	94	0.4	13	8	368	2.35	8	5	5	7	1	2	2	24	0.03	0.06	22	14	0.31	121	0.06	2.03	0.02	0.11	1	0.01	1
48	558200	5466616	1	10	17	46	0.4	5	1	240	2.11	6	5	5	4	1	1	1	30	0.02	0.06	11	10	0.1	65	0.11	2.26	0.01	0.08	1	0.01	1
49	558215	5466603	1	14	20	54	0.2	7	1	408	2.39	8	5	5	4	1	1	2	35	0.02	0.11	8	10	0.1	59	0.13	2.5	0.02	0.09	1	0.01	1
50	558230	5466589	1	16	42	58	0.2	10	10	1031	1.8	8	5	5	23	1	1	2	15	0.09	0.05	22	10	0.16	146	0.03	1.15	0.01	0.12	1	0.01	1
51	558246	5466577	1	8	18	30	0.1	4	3	151	1.44	5	5	80	4	1	2	1	20	0.02	0.07	15	7	0.07	48	0.07	1.53	0.01	0.08	1	0.01	1
52	558261	5466564	1	10	18	36	0.5	7	2	147	2.96	10	5	5	4	1	1	3	23	0.02	0.06	19	9	0.12	31	0.05	1.45	0.01	0.08	1	0.01	1
53	558276	5466551	1	17	21	58	0.2	11	4	136	2.4	12	5	5	3	1	3	2	16	0.02	0.05	23	12	0.24	53	0.03	1.85	0.01	0.07	1	0.01	1
54	558291	5466539	1	15	14	52	0.2	8	2	121	1.96	9	5	5	3	1	1	2	18	0.02	0.05	22	10	0.15	50	0.05	2.16	0.01	0.08	1	0.01	1
55	558306	5466527	1	17	14	43	0.2	7	1	96	1.85	7	5	60	3	1	2	2	21	0.01	0.04	19	10	0.14	59	0.07	2.25	0.02	0.06	1	0.01	1
56	558185	5466692	1	12	12	66	0.1	9	2	755	2.07	4	5	5	4	1	2	3	26	0.02	0.06	16	10	0.18	92	0.1	2.49	0.02	0.1	2	0.01	1
57	558200	5466679	1	15	21	58	0.2	10	4	298	2.06	7	5	5	5	1	1	1	14	0.03	0.05	21	9	0.16	62	0.03	1.17	0.01	0.09	1	0.01	1
58	558214	5466667	2	15	19	65	0.4	10	4	689	2.99	9	5	5	4	1	1	4	25	0.02	0.1	12	11	0.12	84	0.1	4.01	0.03	0.08	1	0.01	1
59	558231	5466653	1	12	15	58	0.2	8	1	401	2.85	10	5	5	5	1	1	6	28	0.04	0.12	7	12	0.11	47	0.11	4.65	0.03	0.08	1	0.01	1
60	558246	5466640	1	12	16	37	0.2	3	2	334	2.29	7	5	5	3	1	5	2	28	0.02	0.07	8	9	0.08	53	0.08	2.22	0.02	0.06	1	0.01	1
61	558261	5466628	1	17	15	56	0.3	9	1	221	2.2	13	5	5	4	1	2	2	20	0.02	0.12	14	10	0.14	58	0.06	3.01	0.02	0.1	1	0.01	1
62	558277	5466615	1	9	12	46	0.3	7	4	166	1.84	8	5	5	3	1	2	1	13	0.02	0.06	20	9	0.13	55	0.03	1.44	0.01	0.08	1	0.01	1
63	558293	5466602	1	11	18	44	0.2	7	3	147	2.23	10	5	5	5	1	2	1	20	0.03	0.11	19	9	0.12	56	0.04	1.69	0.01	0.08	1	0.01	1
64	558308	5466590	1	11	17	60	0.2	8	4	298	2.38	10	5	5	4	1	3	1	17	0.03	0.06	25	10	0.16	52	0.03	1.75	0.01	0.08	1	0.01	1
65	558323	5466578	1	20	31	60	0.1	9	1	257	3.08	13	5	10	4	1	3	5	17	0.03	0.06	20	14	0.18	53	0.04	2.98	0.02	0.1	1	0.01	1
66	558338	5466564	1	15	20	57	0.3	9	4	132	2.73	12	5	70	3	1	3	4	14	0.01	0.04	28	11	0.21	46	0.02	1.77	0.01	0.09	1	0.01	1
67	558217	5466729	2	30	15	53	0.3	10	3	346	2.47	10	5	5	7	1	1	2	26	0.04	0.08	23	11	0.21	99	0.15	2.32	0.03	0.08	1	0.01	1
68	558232	5466718	1	16	17	69	0.2	10	7	714	2.35	10	5	5	6	1	3	1	22	0.06	0.12	17	10	0.19	76	0.07	1.66	0.02	0.1	1	0.01	1
69	558247	5466705	1	21	11	79	0.2	9	3	957	2.45	9	5	5	5	1	1	2	33	0.03	0.14	11	11	0.14	70	0.14	3.42	0.03	0.09	1	0.01	1
70	558263	5466692	1	9	12	37	0.2	5	4	191	1.98	7	5	5	4	1	1	1	20	0.02	0.04	15	8	0.1	59	0.07	1.51	0.01	0.08	1	0.01	1
71	558278	5466679	1	8	19	35	0.2	4	2	372	1.56	5	5	5	5	1	1	1	28	0.04	0.05	10	8	0.08	53	0.09	1.22	0.01	0.08	1	0.01	1
72	558293	5466667	1	12	11	39	0.6	5	1	162	2.07	2	5	5	5	1	1	1	27	0.03	0.06	9	10	0.07	47	0.13	3.97	0.02	0.08	1	0.01	1
73	558309	5466653	1	14	9	42	0.2	7	1	265	1.81	6	5	5	3	1	4	1	19	0.02	0.08	9	9	0.09	46	0.08	3.71	0.02	0.06	1	0.01	1
74	558323	5466641	1	9	28	34	0.3	4	3	323	1.7	8	5	5	8	1	2	1	25	0.07	0.07	13	8	0.07	57	0.08	1.82	0.02	0.08	2	0.01	1
75	558340	5466627	1	26	42	88	0.2	15	14	1369	2.78	19	5	90	35	1	4	2	17	0.13	0.08	23	13	0.3	87	0.02	1.55	0.02	0.14	1	0.01	1
76	558355	5466615	1	14	16	52	0.8	7	1	206	2.97	10	5	5	8	1	2	1	31	0.04	0.14	10	10	0.1	57	0.11	3.55	0.03	0.1	1	0.01	1
77	558371	5466603	2	12	16	53	0.6	5	2	276	3.02	9	5	5	10	1	1	1	36	0.07	0.08	11	9	0.12	73	0.12	2.47	0.03	0.1	1	0.01	1
78	558249	5466768	2	17	15	81	0.4	10	3	500	2.71	6	5	5	6	1	1	1	37	0.04	0.16	12	12	0.16	79	0.14	3.21	0.03	0.1	1	0.01	1
79	558263	5466755	1	14	2	53	0.3	11	1	205	2.08	4	5	5	4	1	1	6	26	0.03	0.11	7	12	0.12	65	0.12	3.37	0.02	0.11	1	0.01	1
80	558279	5466742	1	10	8	60	0.2	10	2	309	2.8	6	5	5	5	1	1	3	36	0.03	0.07	12	15	0.14	104	0.11	1.86	0.02	0.1	1	0.01	1
81	558295	5466729	1	12	14	94	0.2	9	2	428	3.41	7	5	5	5	1	1	5	47	0.03	0.12	9	16	0.17	83	0.17	3.25	0.02	0.12	1	0.01	1
82	558310	5466718	1	9	8	55	0.4	6	1	237	2.79	2	5	5	5	1	1	2	35	0.03	0.14	7	14	0.11	71	0.14	3.84	0.03	0.13	1	0.01	1
83	558326	5466704	1	12	1	39	0.6	6	2	150	1.97	2	5	5	5	1	1	1	35	0.03	0.07	5	12	0.09	60	0.18	4.07	0.04	0.09	1	0.01	1
84	558341	5466692	1	14	1	40	0.3	5	2	305	2.08	2	5	5	5	1	1	2	30	0.03	0.1	6	14	0.09	48	0.15	4.52	0.04	0.12	1	0.01	1
85	558357	5466679	1	11	12	42	0.3	6	1	268	1.84	3	5	5	6	1	1	1	23	0.04	0.07	16	11	0.1	60	0.08	2.19	0.02	0.04	1	0.01	1
86	558372	5466666	1	12	1	33	0.6	4	2	182	2.97	2	5	5	5	1	1	2	39	0.03	0.18	4	16	0.06	33	0.18	5.61	0.04	0.06	1	0.01	1

87	558388	5466653	1	11	15	59	0.6	6	3	223	4.08	2	5	5	5	3	1	6	43	0.03	0.15	8	20	0.11	67	0.16	4.85	0.04	0.11	1	0.01	1
88	558402	5466641	1	7	8	38	0.3	4	2	177	2.04	2	5	5	4	1	1	2	22	0.03	0.06	17	13	0.1	54	0.08	2.76	0.02	0.12	1	0.01	1
89	558279	5466805	1	12	5	53	0.2	8	3	296	2.1	2	5	5	4	1	1	3	27	0.02	0.07	13	13	0.14	62	0.11	2.17	0.01	0.1	1	0.01	1
90	558294	5466793	1	14	15	77	0.2	20	2	578	3.21	3	5	5	7	2	1	7	58	0.04	0.09	13	29	0.33	72	0.21	1.7	0.02	0.11	1	0.01	1
91	558310	5466780	1	15	3	67	0.4	13	4	387	2.24	5	5	5	5	1	1	4	21	0.02	0.05	29	16	0.26	106	0.05	1.83	0.01	0.12	1	0.01	1
92	558324	5466766	1	16	7	81	0.3	10	2	619	2.55	4	5	5	10	1	1	5	33	0.09	0.11	11	15	0.17	93	0.14	3.52	0.02	0.14	1	0.01	1
93	558341	5466754	1	7	9	51	0.3	8	6	209	2.82	14	5	40	5	1	1	3	34	0.04	0.05	22	14	0.15	73	0.09	1.55	0.02	0.13	1	0.01	1
94	558356	5466741	1	12	1	51	0.4	7	2	305	3.14	3	5	5	5	2	1	5	37	0.03	0.13	7	16	0.1	62	0.17	5.77	0.03	0.11	1	0.01	1
95	558372	5466729	1	14	6	67	1	7	3	969	2.22	2	5	5	5	1	1	2	31	0.03	0.1	8	15	0.12	68	0.14	4.46	0.03	0.1	1	0.01	1
96	558387	5466716	1	14	6	41	0.8	5	2	282	2.88	2	5	5	4	1	1	4	33	0.03	0.14	5	15	0.08	42	0.15	6.33	0.04	0.09	1	0.01	1
97	558402	5466704	1	13	14	57	0.4	7	2	246	4.29	5	5	5	5	3	1	7	45	0.03	0.13	11	21	0.16	54	0.13	3.87	0.03	0.08	1	0.01	1
98	558417	5466691	1	10	11	54	0.6	6	1	259	2.16	4	5	5	5	1	1	1	29	0.03	0.08	19	14	0.13	60	0.08	2.46	0.02	0.09	1	0.01	1
99	558433	5466678	1	14	10	49	0.6	7	2	227	2.48	10	5	5	3	1	1	2	17	0.01	0.08	22	12	0.18	42	0.04	1.97	0.01	0.1	1	0.01	1
100	558310	5466844	1	9	4	73	0.4	8	3	1060	2.59	2	5	5	5	1	1	1	40	0.04	0.09	9	14	0.16	118	0.17	2.75	0.02	0.11	1	0.01	1
101	558326	5466830	1	12	21	58	0.2	8	2	864	2.33	5	5	50	8	1	1	1	32	0.07	0.06	17	13	0.14	102	0.11	1.62	0.02	0.12	1	0.01	1
102	558339	5466817	1	19	6	78	0.2	10	4	655	2.55	4	5	5	9	1	1	1	37	0.06	0.1	10	15	0.19	101	0.18	3.39	0.03	0.09	1	0.01	1
103	558356	5466806	1	16	1	51	0.4	6	2	355	2.62	2	5	5	5	1	1	1	37	0.03	0.13	6	14	0.12	60	0.18	5.09	0.03	0.13	1	0.01	1
104	558372	5466791	1	9	1	58	0.3	6	3	268	2.7	2	5	5	8	1	1	1	37	0.06	0.11	6	14	0.11	64	0.18	4.22	0.03	0.12	1	0.01	1
105	558387	5466779	1	12	3	53	0.3	5	4	1328	2.2	2	5	5	5	1	1	1	32	0.03	0.12	11	13	0.11	75	0.13	3.54	0.03	0.14	1	0.01	1
106	558403	5466765	1	21	2	67	0.5	10	4	596	2.09	3	5	5	7	1	1	1	24	0.04	0.14	12	14	0.15	67	0.12	4.85	0.03	0.12	1	0.01	1
107	558416	5466754	1	18	6	66	0.6	9	2	951	2.6	10	5	30	5	1	1	1	23	0.03	0.11	19	13	0.16	90	0.09	2.83	0.02	0.13	1	0.01	1
108	558433	5466741	1	17	21	59	0.2	8	1	441	2.9	4	5	5	4	1	1	1	26	0.03	0.1	19	16	0.18	66	0.09	3.83	0.02	0.14	1	0.01	1
109	558448	5466728	1	11	20	43	0.1	5	2	191	2.36	7	5	5	3	1	1	1	30	0.01	0.06	15	11	0.11	43	0.08	1.35	0.01	0.11	1	0.01	1
110	558463	5466716	1	8	19	37	0.1	5	2	491	2	5	5	5	5	1	1	1	31	0.03	0.04	15	11	0.1	52	0.09	1.19	0.01	0.1	1	0.01	1
111	558341	5466880	1	9	11	79	0.1	9	1	732	1.88	5	5	10	4	1	1	1	20	0.03	0.07	21	12	0.16	96	0.05	1.47	0.01	0.1	1	0.01	1
112	558357	5466866	1	9	17	57	0.2	8	2	691	3.18	6	5	120	4	1	1	2	37	0.02	0.08	19	13	0.17	64	0.13	1.33	0.02	0.1	1	0.01	1
113	558372	5466855	1	15	6	77	0.3	11	3	546	3.03	5	5	30	6	1	1	3	35	0.04	0.14	12	17	0.17	91	0.14	4.61	0.03	0.1	1	0.01	1
114	558388	5466842	1	17	17	83	0.3	11	2	687	2.96	4	5	5	7	2	1	2	38	0.05	0.13	11	16	0.2	91	0.16	4.64	0.03	0.19	1	0.01	1
115	558402	5466828	1	19	13	105	0.4	14	3	1074	3.03	3	5	5	7	2	1	2	44	0.04	0.12	10	17	0.22	111	0.18	4.3	0.03	0.12	1	0.01	1
116	558418	5466816	1	21	4	57	0.3	7	4	255	2.13	2	5	5	7	1	1	1	33	0.04	0.1	6	13	0.12	59	0.19	5.61	0.04	0.14	1	0.01	1
117	558433	5466804	1	15	2	40	0.6	3	2	328	2.5	2	5	5	4	1	1	1	32	0.03	0.12	4	15	0.08	49	0.16	5.82	0.03	0.15	1	0.01	1
118	558448	5466790	1	10	24	48	0.4	5	1	296	2.6	9	5	5	5	1	1	1	30	0.04	0.12	6	13	0.09	54	0.12	3.35	0.02	0.13	1	0.01	1
119	558463	5466778	1	13	1	26	0.6	3	1	328	2.31	2	5	5	4	1	1	1	34	0.02	0.08	3	13	0.07	44	0.16	4.71	0.03	0.12	1	0.01	1
120	558478	5466765	1	23	10	71	0.4	9	1	578	3.16	2	5	5	5	1	1	3	35	0.03	0.17	9	17	0.16	69	0.15	5.44	0.03	0.1	1	0.01	1
121	558495	5466753	1	14	27	43	0.6	5	1	564	3.47	3	5	5	4	1	1	2	46	0.02	0.1	5	15	0.09	51	0.21	3.49	0.03	0.1	1	0.01	1
122	558373	5466918	1	10	4	41	0.2	3	1	400	1.97	2	5	5	3	1	1	1	29	0.02	0.06	12	12	0.07	61	0.1	2.15	0.02	0.1	1	0.01	1
123	558387	5466905	1	12	12	50	0.1	6	1	1829	2.19	2	5	5	7	1	1	1	50	0.04	0.07	14	14	0.1	96	0.15	1.13	0.02	0.11	1	0.01	1
124	558403	5466893	1	14	7	85	0.2	10	1	1005	2.89	5	5	40	6	1	1	1	42	0.04	0.14	13	16	0.2	102	0.16	3.2	0.02	0.12	1	0.01	1
125	558418	5466880	1	13	15	56	0.2	8	1	355	3.17	12	5	10	5	1	1	4	51	0.03	0.1	13	16	0.17	73	0.15	1.96	0.02	0.13	1	0.01	1
126	558433	5466867	1	26	20	99	0.4	14	1	1801	3.17	12	5	30	7	1	1	2	43	0.04	0.22	19	18	0.31	89	0.12	2.45	0.02	0.09	1	0.01	1
127	558449	5466855	1	10	11	74	0.4	8	2	1669	2.52	25	5	100	6	1	1	1	31	0.05	0.11	26	14	0.16	108	0.08	1.84	0.02	0.08	1	0.01	1
128	558462	5466843	1	9	15	74	0.2	10	2	1083	2.54	16	5	10	5	1	1	9	38	0.03	0.1	13	14	0.17	94	0.14	1.47	0.02	0.09	1	0.01	1
129	558479	5466829	1	15	9	63	0.4	8	1	751	2.58	10	5	10	5	1	1	8	40	0.03	0.2	7	15	0.14	78	0.18	3.97	0.03	0.1	1	0.01	1
130	558494	5466817	1	10	7	61	0.3	8	1	428	3.01	8	5	5	5	1	1	6	46	0.03	0.12	10	16	0.17	86	0.16	3.01	0.03	0.1	1	0.01	1
131	558510	5466805	1	18	30	91	0.2	11	1	1719	3.17	10	5	5	7	2	1	9	51	0.04	0.1	13	17	0.2	118	0.19	2.58	0.03	0.11	1	0.01	1
132	558526	5466791	1	16	22	97	0.2	14	1	291	3.76	12	5	5	6	2	1	10	42	0.04	0.24	9	20	0.19	90	0.17	5.77	0.03	0.1	1	0.01	1
133	558402	5466955	1	10	17	55	0.2	7	1	414	2.58	6	5	5	5	1	1	8	44	0.04	0.14	7	14	0.1	66	0.19	3.2	0.03	0.12	1	0.01	1
134	558418	5466943	1	20	17	78	0.1	11	1	746	3.34	11	5	5	8	2	1	8	56	0.05	0.13	13	18	0.24	102	0.19	2.49	0.03	0.14	1	0.01	1
135	558435	5466932	1	17	20	84	0.3	14	1	860	3.65	11	5	180	9	2	1	9	55	0.06	0.15	17	20	0.29	89	0.15	2.18	0.02	0.12	1	0.01	1
136	558450	5466917	1	21	28	80	0.2	13	1	601	3.66	15	5	5	6	2	1	12	47	0.04	0.12	22	19	0.27	84	0.15	2.24	0.02	0.11	1	0.01	1
137	558465	5466905	1	22	11	77	0.2	14	1	323	3.6	19	5	30	4	1	1	13	25	0.02	0.11	27	17	0.27	84	0.06	2.58	0.02	0.1	1	0.01	1
138	558479	5466892	1	13	14	72	0.1	11	5	1446	2.59	10	5	130	5	1	1	1	29	0.04	0.06	21	13	0.16	135	0.07	1.33	0.01	0.12	1	0.01	1
139	558496	5466879	1	9	13	60	0.2	9	2	300	2.95	21	5	80	4	1	1	3	38	0.02	0.06	25	13	0.15	76	0.11	1.5	0.01	0.12	1	0.01	1
140	558511	5466867	1	13	8	98	0.3	11	1	855	2.68	21	5	20	8	1	1	2	30	0.06	0.11	18	14	0.17	124	0.11	3.14	0.02	0.13	1	0.01	1
141	558526	5466855	1	16	8	65	0.1	9	1	1433	2.04	4	5	5	7	1	1	1	31	0.05	0.31	6	13	0.12	73	0.19	4.65	0.04	0.1	1	0.01	1
142	558541	5466841	2	23	22	128	0.6	13	1	1524	2.38	13	5	5	6	1	1	1	31	0.04	0.2	12	15	0.18	105	0.16	4.16	0.03	0.1	1	0.01	1
143	558558	5466830	1	16	45	64	0.7	8	1	882	2.72	12	5	5	10	1	1	3	45	0.1	0.11	25	14	0.17	96	0.14	1.15	0.02	0.08	1	0.01	1
144	558434	5466993	1	12	22	71	0.5	9	1	582	3.31	7	5	5	7	2	2	6	59	0.04	0.15	12	17	0.19	86	0.23	1.91	0.02	0.09	1	0.01	1
145	558451	5466981	2	10	14	61	0.4	8	1	582	2.4	9	5	5	5	1	1	1	40	0.02	0.21	15	15	0.14	93	0.15	2.04	0.02	0.09	1	0.01	1
146	558465	5466969	2	9	14	55	0.2	8	1	1237	2.37	11	5	20	4	1	1	1	31	0.02	0.06	27	13	0.14	96	0.09	1.13	0.02	0.08	1	0.01	1
147	558479	5466955	2	8	16	62	0.2	10	4	614	2.85	11	5	10	5	1	3	3	31	0.03	0.07	32	14	0.25	104	0.08	1.32	0.01	0.07	1	0.01	1
148	558495	5466943	2	13	14	73	0.1	11	5	992	2.97	12	5	50	7	1	2	1	35	0.06	0.09	21	15	0.28	106	0.09	1.38	0.01	0.1	1	0.01	1
149	558511	5466929	1	10	9	52	0.2	8	3	273	2.35	10	5	20	5	1	1	1	26	0.03	0.07	26	14	0.21	93	0.04	1.28	0.01	0.12	1	0.01	1
150	558527	5466916	1	14	10	89	0.8	10	1	1005	3.03	14	5	10	6	1	1	1	39	0.05	0.14	12	15	0.18	119	0.17	2.98	0.02	0.11	1	0.01	1
151	558541	5466905	1	9	18	61	0.4	9	3	855	3.07	18	5	30	8	1	3	1	47	0.06	0.11	17	15	0.15	114	0.16	1.46	0.02	0.1	1	0.01	1
152	558555	5466892	1	13	14	112	0.6	12	1	1233	3.13	16	5	20	6	1	1	1	38	0.04	0.15	15	16	0.21	134	0.16	3.02	0.03	0.12	1	0.01	1
153	558573	5466878	1	11	36	95	0.8	11	8	751	3.27	79	5	70	8	1	1	1	35	0.04	0.12	24	15	0.21	162	0.1	1.67	0.02	0.12	1	0.01	1
154	558588	5466866	1	20	39	135	1.2	11	1	646	3.03	63	5	10	6	1	1	1	31	0.03	0.11	19	16	0.21	130	0.12	3.55	0.02	0.1	1	0.01	1
155	558466	5467031	1	12	15	69	0.6	9	3	1478	2.62	6	5	5	7	1	1	1	38	0.05	0.11	15	15	0.15	123	0.14	1.73	0.02	0.11	1	0.01	1
156	558480	5467019	1	12	9	68	0.6	9	1	450	2.32	4	5	5	5	1	1	1	27	0.03	0.15	19	15	0.18	92	0.12	3.08	0.02	0.09	1	0.01	1
157	558495	5467006	1	9	3	49	0.3	8	3	205	1.74	7	5	5	3	1	1	3	13	0.02	0.06	26	10	0.17	62	0.03	1.32	0.01	0.12	1	0.01	1
158	558511	5466993	1	11	10	81	0.2	10	3	2315	2.29	10	5	90	6	1	1	3	25	0.04	0.16	22	14	0.18	126	0.08	2.45	0.02	0.11	1	0.01	1
159	558527	5466981	1	12	8	83	0.3	13	1	1028	2.6	7	5	40	5	1	1	3	27	0.04	0.1	24	15	0.25	181	0.1	3.24	0.02	0.12	1	0.01	1
160	558541	5466968	1	12	14	88	0.4	13	1	482	3.13	11	5	10	5	1	1	4	33	0.03	0.08	20	16	0.28	153	0.12	2.81	0.02	0.13	1	0.01	1
161	558557	5466956	2	11	13	99	0.4	13	7	1255	3.17	30	5	110	5	1	1	3	31	0.03	0.09	24	14	0.21	162	0.09	2.07	0.02	0.1	1	0.01	1
162	558573	5466944	1	13	11	99	0.6	13	2	732	2.95	25	5	180	5	1	1	4	27	0.03	0.11	21	15	0.21	140	0.1	3.8	0.02	0.11	1	0.01	1
163	558588	5466931	1	17	17	126	0.6	17	5	1283	2.96	30	5	30	6	1	1	4	32	0.04	0.14	21	16	0.26	154	0.12	3.08	0.02	0.1	1	0.01	1
164	558604	5466917	1	15	11	127	0.4	13	1	937	2.84	11	5	80	8	1	1	1	34	0.05	0.15	10	16	0.2	155	0.17	4.3	0.03	0.14	1	0.01	1
165	558619	5466905	2	11	25	104	0.4	11	5	850	2.82	32	5	50	23	1	2	4	33	0.23	0.22	19	15	0.19	203	0.12	1.73	0.02	0.12	1	0.01	1
166	558496	5467071	1	10	15	58	0.8	9	2	364	2.31	6	5	5	7	1	1	2	32	0.05	0.09	14	14	0.15	101	0.12	2.28	0.02	0.13	1	0.01	1
167	558511	5467058	1	10	14	62	0.6	8	1	305	2.14	6	5	5	5	1	1	2	22	0.03	0.12	17	12	0.15	114	0.08	2.58	0.01	0.11	1	0.01	1
168	558527	5467045	1	13	12	102	0.6	10	3	3444	2.49	5	5	5	8	1	1	1	35	0.06	0.17	13	14	0.18	281	0.15	2.34	0.02	0.1	1	0.01	1
169	558543	5467031	1	14	20	149	0.4	11	5	7295	2.49	10	5	5	20	1	3	1	33	0.16	0.23	15	13	0.21	678	0.14	1.82	0.03	0.11	1	0.01	1
170	558557	5467020	1	22	27	160	0.6	11	3	14960	2.52	11	5	5	23	1	4	1	36	0.23	0.18	13	12	0.2	704	0.1	1.7	0.05	0.15	1	0.01	1
171	558573	5467007	1	29	31	102	0.6	9	9	7703	1.76	17	5	5	35	1	3	1	25	0.36	0.26	13	12	0.13	512	0.09	1.47	0.03	0.13	1	0.01	1
172	558588	5466993	1	10	20	52	0.4	5	1	633	0.91	10	5	5	24	1	1	1	17	0.25	0.06	10	9	0.07	229	0.05	0.6	0.01	0.13	1	0.01	1
173	558604	5466980	1	8	15	61	0.4	7	2	337	2.47	6	5	5	8	1	1	1	45	0.07	0.06	13	15	0.15	125	0.17	1.32	0.01	0.12	1	0.01	1
174	558620	5466968	1	6	18	51	0.3	6	1	1147	1.88	5	5	30	7	1	1	1	32	0.05	0.09	20	13	0.13	142	0.12	1.14	0.01	0.09	1	0.01	1
175	558635	5466954	2	10	16	61	0.4	7	1	341	4.49	12	5	5	10	2	2	4	51	0.1	0.34	5	17	0.12	98	0.26	3.96	0.03	0.08	1	0.01	1
176	558649	5466943	2	16	47	293	0.6	13	11	13961	2.93	125	5	5	54	4	3	1	26	0.37	0.15	17	13	0.3	1147	0.06	1.63	0.05	0.1	4	0.01	1
177	558527	5467108	2	10	13	60	0.6	6	1	291	3.31	8	5	5	6	1	2	5	43	0.05	0.15	7	15	0.1	71	0.15	3.99	0.02	0.09	1	0.01	1
178	558542	5467095	1	11	1	34	0.4	4	1	200	3.37	4	5	5	5	1	1	5	44	0.03	0.13	5	15	0.07	55	0.19	6.58	0.03	0.11	1	0.01	1
179	558559	5467083	1	10	10	58	0.3	7	1	728	2.77	4	5	5	6	1	1	3	44	0.04	0.1	9	15	0.14	111	0.19	3.86	0.03	0.12	1	0.01	1
180	558576	5467067	1	13	11	59	0.3	9	1	268	3.21	8	5	5	8	1	1	3	46	0.06	0.16	8	16	0.13	77	0.2	4.49	0.03	0.13	1	0.01	1
181	558589	5467057	1	13	13	75	0.3	11	1	609	2.9	6	5	60	6	1	1	3	42	0.04	0.11	10	16	0.15	113	0.19	3.81	0.03	0.12	1	0.01	1
182	558605	5467045	1	13	18	77	0.4	11	3	687	2.73	12	5	30	5	1	3	4	31	0.03	0.08	18	15	0.19	117	0.1	2.92	0.02	0.11	1	0.01	1
183	558620	5467031	1	9	21	63	0.3	9	5	1547	2.6	13	5	80	6	1	1	3	33	0.05	0.04	23	14	0.19	105	0.07	1.36	0.01	0.12	1	0.01	1
184	558635	5467017	1	11	37	63	0.4	8	3	1902	2.21	9	5	50	11	1	1	2	44	0.08	0.05	16	14	0.12	193	0.12	1.1	0.02	0.1	1	0.01	1
185	558651	5467006	1	14	22	96	0.4	12	1	782	2.81	15	5	10	6	1	1	1	36	0.04	0.13	12	16	0.2	101	0.14	3.36	0.03	0.11	1	0.01	1
186	558665	5466993	1	6	18	43	0.2	6	3	414	2.56	17	5	5	5	1	1	1	38	0.02	0.13	16	12	0.08	108	0.11	1.62	0.02	0.1	2	0.01	1
187	558681	5466980	1	12	24	111	0.3	9	8	1683	2.49	28	5	5	6	1	3	2	29	0.04	0.3	14	13	0.16	224	0.12	2.21	0.02	0.13	3	0.01	1
188	558560	5467146	1	14	15	60	0.2	8	7	450	2.02	13	5	5	5	1	1	1	25	0.05	0.1	17	14	0.11	85	0.1	2.06	0.01	0.14	1	0.01	1
189	558574	5467134	1	7	11	43	0.1	8	2	164	2.63	10	5	5	5	1	1	1	45	0.03	0.11	12	13	0.1	68	0.14	1.23	0.01	0.11	1	0.01	1
190	558589	5467121	1	7	17	45	0.1	7	2	255	2.69	9	5	5	5	1	2	1	54	0.03	0.06	10	13	0.09	78	0.2	1.06	0.02	0.1	1	0.01	1
191	558606	5467107	1	13	19	68	0.2	11	9	651	2.07	15	5	5	5	1	3	1	19	0.03	0.06	25	13	0.23	105	0.07	1.44	0.01	0.12	1	0.01	1
192	558621	5467096	1	6	10	58	0.2	6	1	541	2.18	7	5	5	6	1	1	1	33	0.05	0.18	6	13	0.07	90	0.15	3.48	0.02	0.12	1	0.01	1
193	558636	5467083	1	7	15	53	0.1	7	1	455	2.73	7	5	5	4	1	1	1	44	0.03	0.08	8	14	0.11	84	0.18	2.7	0.02	0.1	1	0.01	1

194	558650	5467069	1	10	14	73	0.6	10	7	701	2.67	14	5	30	6	1	3	1	35	0.05	0.06	21	15	0.17	125	0.08	1.84	0.02	0.09	2	0.01	1
195	558667	5467058	1	7	16	52	0.6	7	3	682	2.51	16	5	5	5	1	1	1	31	0.04	0.05	26	13	0.15	111	0.07	1.14	0.01	0.11	1	0.01	1
196	558682	5467045	1	12	17	68	0.6	8	9	518	1.98	17	5	10	4	1	5	1	23	0.03	0.1	11	10	0.13	80	0.09	2.33	0.01	0.11	8	0.01	1
197	558698	5467032	1	9	18	62	0.3	7	7	253	2.42	15	5	20	13	1	1	1	34	0.14	0.07	17	15	0.12	103	0.1	0.97	0.01	0.1	3	0.01	1
198	558713	5467020	1	13	44	63	0.5	10	5	296	2.77	26	5	5	9	1	1	1	38	0.07	0.05	15	15	0.16	104	0.15	1.4	0.02	0.12	3	0.01	1
199	558590	5467185	2	23	11	49	0.3	6	6	270	2.75	5	5	5	5	1	4	1	37	0.03	0.18	6	12	0.1	62	0.18	4.96	0.03	0.1	7	0.01	1
200	558606	5467171	1	12	14	49	0.2	7	7	501	2.04	8	5	5	7	1	3	1	31	0.05	0.12	10	12	0.13	80	0.12	2.96	0.02	0.11	5	0.01	1
201	558622	5467160	1	6	13	38	0.2	6	2	1748	1.1	2	5	5	8	1	1	1	25	0.05	0.04	11	10	0.06	166	0.09	0.78	0.02	0.14	1	0.01	1
202	558636	5467147	1	13	1	39	0.3	5	10	351	2.02	2	5	5	5	1	1	1	25	0.03	0.19	4	12	0.08	38	0.15	6.93	0.04	0.12	7	0.01	1
203	558652	5467134	2	12	13	93	0.3	10	9	681	2.78	3	5	5	8	1	3	1	39	0.05	0.08	11	15	0.22	125	0.13	3.29	0.03	0.13	5	0.01	1
204	558668	5467122	1	15	17	79	0.4	9	5	326	2.98	6	5	5	6	1	4	1	42	0.03	0.09	11	15	0.17	85	0.12	3.32	0.02	0.1	5	0.01	1
205	558682	5467107	1	14	15	53	0.3	7	6	368	2.41	9	5	5	4	1	3	1	34	0.03	0.08	10	12	0.13	84	0.12	2.76	0.02	0.1	3	0.01	1
206	558699	5467096	1	12	9	60	0.2	8	1	223	2.51	2	5	30	5	1	5	3	34	0.03	0.09	5	12	0.12	93	0.16	4.72	0.02	0.1	7	0.01	1
207	558715	5467083	1	9	11	45	0.4	8	1	240	2.27	28	5	130	5	1	1	1	13	0.03	0.03	31	10	0.22	48	0.03	1.09	0.01	0.09	1	0.01	1
208	558729	5467072	1	7	12	51	0.5	7	2	403	2.36	16	5	40	4	1	1	1	25	0.02	0.04	23	12	0.18	67	0.06	1.52	0.01	0.09	2	0.01	1
209	558745	5467058	1	9	16	43	0.2	7	5	206	3.49	16	5	5	7	1	6	1	37	0.05	0.08	20	11	0.19	56	0.08	1.98	0.01	0.09	3	0.01	1
210	558621	5467223	1	15	11	39	0.2	6	2	176	2.47	8	5	5	12	1	4	1	35	0.08	0.11	16	12	0.12	93	0.17	3.36	0.03	0.1	4	0.01	1
211	558637	5467211	1	8	6	47	0.3	9	8	270	2.24	5	5	5	5	1	1	1	19	0.02	0.08	17	10	0.21	60	0.06	1.16	0.01	0.12	1	0.01	1
212	558654	5467197	1	10	9	43	0.2	5	9	223	2.96	4	5	5	5	1	4	1	46	0.03	0.2	4	11	0.09	64	0.18	3.97	0.03	0.1	3	0.01	1
213	558668	5467184	1	14	3	37	0.2	4	5	231	2.37	3	5	5	4	1	1	1	33	0.02	0.13	3	12	0.07	37	0.16	6.56	0.03	0.12	8	0.01	1
214	558682	5467173	1	12	18	57	0.1	8	6	1461	2.92	17	5	20	5	1	2	1	39	0.03	0.08	18	12	0.17	104	0.11	2.71	0.02	0.12	3	0.01	1
215	558698	5467160	1	13	4	41	0.2	6	2	274	2.39	5	5	5	4	1	2	1	32	0.02	0.1	7	12	0.1	56	0.15	5.04	0.03	0.11	5	0.01	1
216	558714	5467147	2	14	10	60	0.2	8	2	583	2.1	8	5	120	5	1	3	1	30	0.03	0.07	9	12	0.14	88	0.11	3.34	0.01	0.13	3	0.01	1
217	558730	5467134	1	7	16	42	0.2	7	1	214	2.41	9	5	320	5	1	1	1	40	0.03	0.04	18	12	0.14	69	0.12	1.64	0.01	0.12	1	0.01	1
218	558745	5467120	1	11	16	44	0.3	10	2	141	1.88	25	5	90	2	1	1	1	11	0.01	0.02	27	10	0.2	53	0.03	1.43	0.01	0.14	1	0.01	1
219	558760	5467108	1	5	9	26	0.3	4	5	103	1.7	9	5	50	3	1	1	1	25	0.01	0.03	26	9	0.09	37	0.05	0.96	0.01	0.15	1	0.01	1
220	558776	5467096	1	14	25	43	0.3	4	4	180	2.91	5	5	5	5	1	1	1	36	0.03	0.07	6	13	0.1	53	0.15	5.56	0.03	0.12	6	0.01	1
221	558651	5467262	1	13	10	67	0.2	8	1	557	3.1	5	5	5	6	1	1	1	44	0.04	0.17	10	14	0.16	116	0.17	3.53	0.02	0.1	4	0.01	1
222	558668	5467248	2	15	18	36	0.3	7	1	866	2.49	10	5	5	11	1	1	1	38	0.07	0.06	12	13	0.12	122	0.2	1.91	0.03	0.13	3	0.01	1
223	558684	5467235	1	8	13	45	0.2	7	1	343	2.48	5	5	5	17	1	1	1	31	0.14	0.05	21	11	0.19	100	0.1	1.12	0.01	0.14	1	0.01	1
224	558699	5467222	1	10	10	46	0.2	5	2	759	1.84	2	5	5	4	1	3	1	33	0.03	0.04	9	11	0.09	77	0.13	2.32	0.02	0.13	3	0.01	1
225	558714	5467211	1	12	6	37	0.1	5	2	231	2.32	2	5	5	5	1	1	1	36	0.03	0.1	5	12	0.1	52	0.16	4.44	0.03	0.12	3	0.01	1
226	558729	5467195	1	6	4	18	0.1	3	4	90	0.95	8	5	150	3	1	1	1	15	0.01	0.02	27	5	0.04	26	0.02	0.58	0.01	0.1	1	0.01	1
227	558743	5467184	2	21	13	48	0.1	8	9	475	2.23	7	5	5	5	1	4	1	32	0.03	0.09	10	12	0.15	74	0.13	3.54	0.02	0.1	6	0.01	1
228	558761	5467172	2	12	22	60	0.1	8	9	356	2.96	8	5	5	6	1	6	1	50	0.04	0.06	11	13	0.15	85	0.18	2.66	0.02	0.1	6	0.01	1
229	558775	5467158	1	15	17	50	0.1	8	2	685	1.83	15	5	30	4	1	5	1	22	0.02	0.05	20	10	0.15	98	0.08	3.19	0.01	0.11	5	0.01	1
230	558791	5467147	1	12	18	55	0.1	6	5	377	2.5	8	5	50	7	1	3	1	37	0.05	0.07	10	12	0.11	92	0.15	3.52	0.03	0.12	5	0.01	1
231	558806	5467135	1	12	19	71	0.1	8	3	459	2.59	14	5	20	6	1	4	1	35	0.03	0.09	16	12	0.17	93	0.1	2.09	0.01	0.09	3	0.01	1
232	558684	5467299	1	13	6	51	0.1	5	4	206	2.38	2	5	5	5	1	1	2	37	0.03	0.17	5	12	0.11	76	0.18	4.66	0.03	0.09	7	0.01	1
233	558698	5467286	2	14	23	46	0.1	6	7	506	3.59	14	5	5	16	1	2	1	54	0.13	0.1	7	10	0.11	112	0.27	1.58	0.02	0.08	3	0.01	1
234	558714	5467273	1	9	16	36	0.1	6	9	210	2.67	5	5	5	11	1	3	1	40	0.08	0.04	9	11	0.1	100	0.16	1.88	0.02	0.1	4	0.01	1
235	558730	5467260	1	8	9	39	0.1	6	6	193	1.89	5	5	10	4	1	1	1	25	0.03	0.04	14	9	0.14	49	0.09	1	0.01	0.12	1	0.01	1
236	558745	5467247	1	8	11	48	0.2	5	8	1092	2.59	6	5	40	5	1	2	1	36	0.03	0.09	14	11	0.12	130	0.08	2.35	0.01	0.11	5	0.01	1
237	558760	5467234	2	23	11	62	0.1	8	9	351	2.49	11	5	5	4	1	3	1	26	0.02	0.13	7	13	0.16	62	0.12	5.81	0.02	0.15	6	0.01	1
238	558775	5467222	2	17	13	63	0.1	8	2	351	3.13	5	5	5	5	1	1	1	35	0.02	0.08	9	14	0.15	76	0.13	4.95	0.02	0.12	5	0.01	1
239	558791	5467208	1	11	15	58	0.4	8	1	549	2.2	16	5	50	4	1	2	1	24	0.03	0.06	22	11	0.15	95	0.06	2.18	0.01	0.13	3	0.01	1
240	558807	5467197	1	13	16	70	0.5	8	2	450	2.75	7	5	5	7	1	4	1	37	0.04	0.14	5	12	0.13	77	0.19	4.95	0.03	0.14	3	0.01	1
241	558821	5467185	1	18	18	80	0.6	10	9	360	2.36	8	5	5	7	1	1	1	34	0.04	0.12	8	13	0.16	114	0.17	5.13	0.03	0.12	3	0.01	1
242	558839	5467172	1	8	17	41	0.3	6	7	150	2.53	8	5	5	5	1	1	1	41	0.02	0.04	14	10	0.1	69	0.15	1.54	0.02	0.12	1	0.01	1
243	558716	5467337	2	43	17	44	0.3	12	3	176	2.12	21	5	5	8	1	2	1	30	0.05	0.06	36	23	0.1	81	0.17	3.46	0.03	0.13	3	0.01	1
244	558731	5467324	2	14	11	32	0.2	4	4	184	2.72	7	5	5	9	1	1	1	39	0.06	0.08	6	11	0.07	52	0.19	4.09	0.03	0.12	4	0.01	1
245	558747	5467310	3	21	23	29	0.4	5	2	197	2.1	12	5	5	9	1	4	1	30	0.05	0.06	16	10	0.12	68	0.13	2.34	0.02	0.14	3	0.01	1
246	558761	5467299	1	11	10	43	0.3	5	5	240	2.66	5	5	5	4	1	4	1	38	0.03	0.07	7	11	0.1	64	0.14	3.72	0.02	0.15	5	0.01	1
247	558777	5467286	1	14	13	51	0.2	4	6	420	2.78	6	5	5	4	1	1	1	35	0.03	0.17	5	13	0.1	58	0.16	6.17	0.03	0.12	8	0.01	1
248	558792	5467272	1	9	13	39	0.4	5	2	236	2.8	7	5	20	6	1	2	1	46	0.04	0.05	12	11	0.1	61	0.15	1.77	0.02	0.11	2	0.01	1
249	558808	5467260	1	11	21	64	0.2	8	3	1041	2.85	8	5	5	5	1	3	1	40	0.03	0.1	18	12	0.2	130	0.12	1.87	0.02	0.11	3	0.01	1
250	558822	5467249	1	11	20	58	0.2	7	1	223	3.12	14	5	5	4	1	1	1	37	0.02	0.06	17	11	0.16	86	0.1	2.74	0.02	0.1	4	0.01	1
251	558838	5467236	1	10	40	48	0.3	6	1	184	2.79	11	5	5	4	1	2	1	31	0.02	0.05	20	12	0.15	71	0.07	2.42	0.01	0.11	4	0.01	1
252	558855	5467222	1	14	59	82	0.4	8	2	510	4.09	15	5	5	6	1	1	2	40	0.03	0.18	8	14	0.15	72	0.13	5.74	0.03	0.13	7	0.01	1
253	558871	5467209	1	13	11	45	0.6	5	4	184	2.93	11	5	5	4	1	1	1	34	0.02	0.1	7	13	0.09	61	0.12	4.96	0.03	0.12	4	0.01	1
254	558745	5467376	1	5	10	18	0.2	2	3	81	1.17	2	5	5	4	1	1	1	34	0.02	0.03	5	8	0.04	56	0.16	1	0.01	0.1	1	0.01	1
255	558762	5467361	1	7	4	49	0.2	7	5	274	1.88	6	5	40	3	1	2	1	23	0.02	0.12	7	9	0.15	66	0.08	2.78	0.01	0.1	5	0.01	1
256	558779	5467348	1	8	10	40	0.2	7	8	154	2.06	8	5	5	3	1	1	1	19	0.01	0.05	19	9	0.21	41	0.04	1.26	0.01	0.11	1	0.01	1
257	558794	5467337	1	14	6	42	0.2	5	7	206	2.33	5	5	5	5	1	3	1	35	0.03	0.15	4	11	0.08	47	0.16	5.02	0.03	0.12	8	0.01	1
258	558808	5467324	1	17	5	54	0.3	7	6	188	2.71	4	5	5	5	1	1	2	31	0.03	0.23	5	12	0.12	60	0.17	7.06	0.03	0.14	10	0.01	1
259	558823	5467310	1	12	24	45	0.8	5	5	231	2.67	5	5	30	5	1	3	1	39	0.03	0.04	11	12	0.12	70	0.11	1.82	0.01	0.12	4	0.01	1
260	558839	5467298	1	19	58	66	0.4	9	4	223	2.36	13	5	40	5	1	3	1	28	0.03	0.06	14	12	0.18	105	0.09	3.49	0.02	0.13	5	0.01	1
261	558856	5467286	1	11	13	62	0.4	9	5	304	2.18	11	5	5	6	1	1	1	21	0.04	0.06	21	11	0.22	95	0.04	1.9	0.01	0.12	4	0.01	1
262	558870	5467274	1	12	19	61	0.6	6	6	441	3.03	13	5	5	5	1	6	1	29	0.03	0.17	9	13	0.13	77	0.11	4.97	0.02	0.1	5	0.01	1
263	558886	5467260	1	11	32	56	0.6	7	3	180	2.84	15	5	5	3	1	3	1	28	0.02	0.06	18	13	0.15	71	0.06	2.63	0.01	0.1	5	0.01	1
264	558900	5467247	1	9	23	53	0.4	7	2	249	5.11	24	5	5	4	1	3	1	40	0.01	0.09	22	13	0.21	55	0.05	1.7	0.02	0.12	2	0.01	1
265	558776	5467413	2	8	9	44	0.3	6	4	274	2.5	6	5	10	6	1	7	1	39	0.04	0.15	5	11	0.1	61	0.17	2.87	0.02	0.1	7	0.01	1
266	558792	5467399	2	13	8	36	0.4	6	6	428	2.28	5	5	5	9	1	4	1	32	0.06	0.16	6	10	0.08	69	0.17	4.96	0.03	0.1	6	0.01	1
267	558808	5467388	1	10	7	51	0.4	7	4	1088	2	2	5	10	6	1	4	1	30	0.04	0.11	6	10	0.11	108	0.14	3.44	0.03	0.1	4	0.01	1
268	558824	5467375	1	12	6	51	0.2	8	8	433	1.99	9	5	5	5	1	1	1	23	0.03	0.1	11	10	0.13	76	0.1	3.92	0.02	0.12	5	0.01	1
269	558840	5467362	2	14	17	32	0.5	6	6	184	3.27	5	5	5	6	1	2	1	48	0.04	0.06	11	10	0.08	85	0.17	3.24	0.02	0.13	2	0.01	1
270	558857	5467349	2	28	34	53	0.3	10	5	484	2.32	12	5	5	8	1	3	1	33	0.04	0.05	19	13	0.21	133	0.12	2.15	0.02	0.12	4	0.01	1
271	558871	5467336	1	11	15	61	0.4	10	7	244	4.93	21	5	20	5	1	1	1	41	0.02	0.07	21	12	0.2	66	0.11	1.55	0.01	0.14	2	0.01	1
272	558884	5467324	1	6	13	38	0.4	7	6	197	2.97	12	5	20	7	1	1	1	40	0.05	0.04	20	10	0.11	78	0.11	1.05	0.01	0.14	1	0.01	1
273	558901	5467310	1	12	12	63	0.6	7	9	518	2.13	8	5	30	4	1	1	1	26	0.02	0.08	13	11	0.13	85	0.09	3.34	0.02	0.12	4	0.01	1
274	558917	5467298	1	7	18	36	0.2	5	6	184	3.31	16	5	10	4	1	1	1	45	0.01	0.05	19	9	0.12	58	0.09	1.39	0.01	0.1	1	0.01	1
275	558931	5467285	1	7	11	33	0.4	5	7	167	1.71	9	5	5	4	1	1	1	22	0.02	0.04	19	9	0.13	50	0.05	1.51	0.01	0.1	2	0.01	1
276	556299	5462047	2	23	32	67	0.1	11	1	335	2.48	28	0.5	0.5	6	1	2	0.1	15	0.04	0.05	24	12	0.29	71	0.06	1.37	0.01	0.14	2	0.001	0.1
277	556320	5462045	1	16	25	49	0.1	6	1	154	2.19	22	0.5	0.5	10	1	3	0.1	23	0.06	0.04	17	9	0.15	77	0.07	0.79	0.01	0.13	1	0.001	0.1
278	556342	5462042	2	24	31	72	0.3	8	4	288	3	24	0.5	0.5	6	1	3	0.1	25	0.03	0.04	23	13	0.26	75	0.09	1.61	0.02	0.14	1	0.001	0.1
279	556364	5462038	2	21	22	71	0.2	8	1	302	2.77	18	0.5	0.5	5	1	7	0.1	31	0.04	0.04	16	13	0.24	78	0.08	1.69	0.02	0.2	1	0.001	0.1
280	556385	5462038	2	15	23	56	0.1	7	1	523	2.49	17	0.5	0.5	9	1	4	0.1	35	0.09	0.04	16	13	0.27	91	0.07	1.26	0.02	0.15	2	0.001	0.1
281	556407	5462040	2	21	21	61	0.2	7	1	543	2.75	16	0.5	0.5	7	1	5	0.1	52	0.06	0.03	15	12	0.25	74	0.1	1.16	0.02	0.16	1	0.001	0.1
282	556428	5462043	2	17	24	65	0.2	7	1	221	2.82	21	0.5	0.5	5	1	1	0.1	40	0.04	0.04	16	13	0.26	66	0.1	1.07	0.02	0.14	1	0.001	0.1
283	556450	5462041	2	31	34	81	0.4	10	4	235	2.62	30	0.5	0.5	19	1	4	0.1	33	0.19	0.03	23	13	0.35	81	0.08	1.34	0.02	0.14	1	0.001	0.1
284	556471	5462032	2	40	30	82	0.4	11	4	255	3.04	25	0.5	0.5	5	1	4	0.1	39	0.07	0.03	20	14	0.36	67	0.08	1.41	0.02	0.18	2	0.001	0.1
285	556490	5462022	2	19	22	49	0.3	6	3	349	2.41	17	0.5	20	8	1	3	0.1	33	0.11	0.02	14	11	0.23	75	0.05	1.07	0.02	0.16	1	0.001	0.1
286	556509	5462018	1	18	18	63	0.1	9	1	235	2.29	17	0.5	10	7	1	3	0.1	41	0.08	0.03	14	11	0.25	66	0.08	1.08	0.01	0.12	1	0.001	0.1
287	556532	5462021	1	22	19	73	0.1	9	4	335	2.71	16	0.5	10	7	1	3	0.1	40	0.07	0.03	15	13	0.33	61	0.09	1.3	0.01	0.16	1	0.001	0.1
288	556553	5462025	1	19	22	73	0.1	9	3	483	2.75	13	0.5	0.5	5	1	2	0.1	41	0.06	0.04	16	14	0.27	68	0.08	1.32	0.02	0.16	1	0.001	0.1
289	556573	5462030	2	29	35	128	0.6	18	10	671	3.22	20	0.5	0.5	6	1	4	2	39	0.07	0.04	24	18	0.42	114	0.1	1.86	0.02	0.18	1	0.001	0.1
290	556595	5462034	2	39	30	104	0.6	15	7	550	3.09	18	0.5	0.5	7	1	10	0.1	44	0.09	0.04	21	16	0.4	115	0.1	1.86	0.02	0.16	2	0.001	0.1
291	556618	5462039	2	46	29	83	0.1	13	10	764	2.92	16	0.5	0.5	8	1	6	0.1	47	0.1	0.05	17	14	0.32	98	0.09	1.56	0.02	0.16	3	0.001	0.1
292	556635	5462048	1	35	29	83	0.1	14	12	1690	2.72	14	0.5	0.5	8	1	3	0.1	45	0.08	0.04	19	13	0.23	118	0.1	1.18	0.02	0.14	1	0.001	0.1
293	556654	5462058	1	49	33	164	0.4	14	14	2360	3.18	18	0.5	30	16	2	6	0.1	57	0.22	0.06	14	14	0.26	155	0.14	1.31	0.03	0.13	2	0.001	0.1
294	556674	5462065	2	68	47	120	0.5	17	22	1321	2.77	27	0.5	0.5	25	2	8	0.1	43	0.3	0.07	54	14	0.27	129	0.1	1.44	0.03	0.18	3	0.001	0.1
295	556695	5462074	3	34	36	110	0.6	13	10	329	3.27	27	0.5	0.5	10	2	8	0.1	39	0.1	0.04	26	16	0.35	83	0.12	1.66	0.02	0.14	4	0.001	0.1
296	556717	5462080	2	38	37	78	0.1	11	17	1040	2.81	25	0.5	0.5	16	1	3	0.1	37	0.19	0.04	36	13	0.38	95	0.09	1.29	0.01	0.13	1	0.001	0.1
297	556737	5462086	2	37	36	114	0.1	11	10	2267	2.85	18	0.5	0.5	10	1	3	0.1	41	0.11	0.05	17	17	0.47	129	0.11	1.51	0.02	0.11	4	0.001	0.1
298	556759	5462093	3	25	28	109	0.1	10	5	362	3.16	17	0.5	0.5	9	1	4	0.1	41	0.08	0.05	15	17	0.44	102	0.14	1.98	0.02	0.12	2	0.001	0.1
299	556774	5462108	2	21	27	122	0.1	9	3	724	2.98	17	0.5	0.5	11	1	1	0.1	49	0.13	0.07	12	14	0.33	119	0.14	1.27	0.02	0.12	3	0.001	0.1
300	556786	5462124	1	28	32	86	0.3	12	6	630	2.83	19	0.5	0.5	27	1	3	0.1	38	0.29	0.04	27	12	0.3	144	0.1	1.22	0.01	0.12	2	0.001	0.1

301	556800	5462141	3	31	27	121	0.2	14	7	429	3.04	18	0.5	0.5	10	1	4	0.1	38	0.11	0.05	21	16	0.41	83	0.11	2.1	0.02	0.17	3	0.001	0.1
302	556810	5462139	2	17	21	32	0.1	6	3	127	1.46	11	0.5	0.5	14	1	1	0.1	29	0.07	0.04	39	9	0.12	60	0.05	0.76	0.01	0.18	1	0.001	0.1
303	556815	5462121	1	17	23	56	0.1	7	2	604	2.15	11	0.5	0.5	10	1	2	0.1	37	0.09	0.03	15	10	0.14	139	0.07	0.79	0.01	0.21	1	0.001	0.1
304	556823	5462099	1	21	21	47	0.1	6	2	349	2.11	10	0.5	0.5	7	1	1	0.1	37	0.05	0.04	14	10	0.17	83	0.06	0.96	0.01	0.19	1	0.001	0.1
305	556832	5462083	2	33	20	78	0.3	11	7	429	3.11	15	0.5	1460	6	1	5	0.1	51	0.07	0.04	15	13	0.37	68	0.1	1.37	0.02	0.17	3	0.001	0.1
306	556844	5462062	1	39	23	90	0.1	11	8	369	3.16	17	0.5	10	7	1	5	0.1	47	0.11	0.03	16	13	0.38	80	0.09	1.53	0.02	0.14	2	0.001	0.1
307	556855	5462043	2	24	18	66	0.1	11	3	194	3.06	16	0.5	20	10	1	2	0.1	53	0.11	0.02	15	12	0.29	61	0.12	1.16	0.02	0.14	1	0.001	0.1
308	556866	5462023	1	32	24	92	0.2	11	7	644	3.01	17	0.5	0.5	8	1	3	0.1	49	0.12	0.04	15	13	0.35	74	0.12	1.34	0.02	0.18	1	0.001	0.1
309	556878	5462006	1	24	32	53	0.1	9	3	228	2.22	17	0.5	0.5	13	1	3	0.1	36	0.14	0.04	15	12	0.24	72	0.06	0.9	0.01	0.16	1	0.001	0.1
310	556889	5461987	2	32	30	88	0.2	12	7	369	3.15	20	0.5	180	6	1	6	0.1	48	0.08	0.04	16	16	0.4	93	0.13	1.76	0.02	0.18	1	0.001	0.1
311	556904	5461973	2	17	20	73	0.1	10	4	604	2.92	12	0.5	30	7	1	2	0.1	52	0.05	0.03	14	15	0.3	86	0.14	1.43	0.02	0.18	1	0.001	0.1
312	556925	5461969	2	21	25	75	0.1	9	5	490	2.95	20	0.5	10	5	1	5	0.1	51	0.07	0.03	13	15	0.38	69	0.1	1.58	0.02	0.2	1	0.001	0.1
313	556945	5461969	2	25	25	82	0.1	11	7	563	3.08	18	0.5	50	6	1	5	0.1	54	0.06	0.04	14	15	0.33	92	0.13	1.82	0.02	0.19	1	0.001	0.1
314	556969	5461970	1	20	22	60	0.2	8	2	282	2.88	14	0.5	0.5	4	1	2	0.1	46	0.03	0.03	15	13	0.22	69	0.12	1.22	0.01	0.21	1	0.001	0.1
315	556988	5461976	3	28	36	107	0.1	14	6	677	2.73	18	0.5	0.5	5	1	6	0.1	33	0.05	0.05	22	12	0.26	93	0.09	2.21	0.02	0.2	4	0.001	0.1
316	557007	5461988	2	33	31	114	0.1	16	4	382	2.91	21	0.5	0.5	6	1	5	0.1	35	0.06	0.04	19	15	0.4	90	0.12	2.51	0.02	0.17	1	0.001	0.1
317	557024	5462003	3	30	37	140	0.1	18	8	852	3.17	19	0.5	0.5	8	1	9	0.1	41	0.06	0.06	21	16	0.37	133	0.13	2.35	0.02	0.19	2	0.001	0.1
318	557037	5462019	3	22	38	98	0.1	14	8	282	3.12	23	0.5	0.5	6	1	4	0.1	34	0.07	0.04	19	15	0.39	123	0.1	1.79	0.02	0.16	2	0.001	0.1
319	557053	5462035	3	33	75	147	0.2	21	17	892	3.33	22	0.5	0.5	11	1	6	0.1	40	0.11	0.05	19	15	0.42	182	0.1	1.96	0.02	0.17	3	0.001	0.1
320	557069	5462050	3	53	345	139	0.4	16	26	2112	3.53	18	0.5	0.5	12	2	6	0.1	40	0.08	0.08	26	15	0.4	160	0.09	1.68	0.02	0.16	1	0.001	0.1
321	557089	5462061	3	54	411	150	0.4	19	35	2112	3.5	21	0.5	80	8	2	8	0.1	36	0.06	0.08	35	15	0.44	139	0.08	1.99	0.02	0.21	4	0.001	0.1
322	557107	5462074	3	51	134	112	0.4	21	17	563	3.81	25	0.5	20	9	2	7	0.1	54	0.1	0.07	29	17	0.51	117	0.08	2.17	0.02	0.19	3	0.001	0.1
323	557125	5462083	3	42	93	107	0.1	17	20	1314	3.34	26	0.5	0.5	10	2	8	0.1	54	0.12	0.06	22	14	0.45	119	0.11	1.92	0.02	0.18	2	0.001	0.1
324	557142	5462094	4	47	182	98	0.2	17	14	785	3.72	23	0.5	0.5	8	2	9	0.1	62	0.09	0.06	20	15	0.48	106	0.1	2.04	0.02	0.19	2	0.001	0.1
325	557162	5462106	3	41	57	86	0.1	15	12	436	4	21	0.5	0.5	8	2	9	2	72	0.09	0.06	18	16	0.57	83	0.1	2.12	0.02	0.16	4	0.001	0.1
326	557182	5462115	2	47	29	83	0.2	14	12	329	3.42	18	0.5	70	6	1	9	0.1	68	0.1	0.04	17	13	0.56	76	0.1	1.86	0.02	0.16	3	0.001	0.1
327	557197	5462126	2	27	19	69	0.1	10	8	248	2.99	20	0.5	0.5	5	1	5	0.1	61	0.09	0.03	17	12	0.37	68	0.09	1.56	0.02	0.18	2	0.001	0.1
328	557220	5462138	1	30	26	82	0.1	12	8	543	2.91	20	0.5	10	8	1	3	0.1	55	0.16	0.04	15	11	0.39	91	0.09	1.36	0.02	0.14	1	0.001	0.1
329	557239	5462151	2	41	25	94	0.2	14	13	409	3.41	21	0.5	0.5	7	1	7	0.1	62	0.13	0.04	16	14	0.52	90	0.11	1.7	0.02	0.14	2	0.001	0.1
330	557248	5462158	3	53	31	113	0.2	20	30	1831	3.69	22	0.5	0.5	12	2	8	0.1	75	0.18	0.08	17	26	0.71	144	0.08	1.96	0.03	0.14	5	0.001	0.1
331	557253	5462164	3	40	20	96	0.1	19	9	329	3.92	22	0.5	0.5	6	3	7	0.1	70	0.07	0.04	18	25	0.78	92	0.12	2.7	0.02	0.19	2	0.001	0.1
332	557269	5462182	3	61	25	98	0.3	18	36	1442	3.62	17	0.5	10	10	2	9	0.1	76	0.13	0.06	24	23	0.65	124	0.11	2.08	0.02	0.18	4	0.001	0.1
333	556077	5462207	3	23	27	89	0.3	11	9	637	2.99	24	0.5	0.5	5	1	4	0.1	33	0.02	0.04	19	15	0.38	109	0.08	2.07	0.02	0.16	2	0.001	0.1
334	556101	5462216	2	14	25	50	0.3	9	9	262	1.99	25	0.5	0.5	9	1	1	0.1	13	0.04	0.03	33	10	0.22	95	0.03	1.07	0.01	0.15	1	0.001	0.1
335	556123	5462219	1	12	12	67	0.1	8	4	570	2.18	14	0.5	0.5	5	1	1	0.1	26	0.03	0.03	19	11	0.3	85	0.07	1.4	0.01	0.16	1	0.001	0.1
336	556151	5462218	2	18	27	79	0.1	10	8	268	2.98	24	0.5	0.5	8	1	4	0.1	26	0.03	0.04	36	13	0.32	68	0.1	1.61	0.01	0.13	1	0.001	0.1
337	556175	5462217	1	13	26	71	0.1	8	4	1817	2.08	13	0.5	0.5	9	1	1	0.1	27	0.07	0.05	15	12	0.35	156	0.1	1.15	0.02	0.22	1	0.001	0.1
338	556201	5462212	1	14	25	94	0.1	10	4	376	3.23	18	0.5	0.5	5	1	3	0.1	39	0.03	0.04	17	16	0.29	87	0.15	1.34	0.02	0.16	1	0.001	0.1
339	556224	5462207	2	16	32	88	0.1	10	8	396	2.75	21	0.5	0.5	6	1	4	0.1	26	0.03	0.04	19	14	0.31	95	0.09	1.78	0.01	0.19	3	0.001	0.1
340	556249	5462200	1	13	21	54	0.1	8	3	194	2.34	13	0.5	0.5	4	1	1	0.1	35	0.02	0.02	17	12	0.21	67	0.11	1.28	0.01	0.13	1	0.001	0.1
341	556275	5462194	2	20	33	93	0.2	12	8	235	2.91	26	0.5	0.5	4	1	8	0.1	25	0.02	0.03	21	16	0.4	84	0.08	2.02	0.01	0.2	4	0.001	0.1
342	556298	5462189	2	21	35	111	0.1	13	9	329	2.9	23	0.5	0.5	8	1	2	0.1	25	0.05	0.03	18	16	0.35	132	0.07	2.03	0.02	0.2	4	0.001	0.1
343	556322	5462182	2	17	56	91	0.1	13	18	919	2.71	22	0.5	0.5	10	1	3	0.1	24	0.09	0.05	19	14	0.28	113	0.07	1.36	0.01	0.22	1	0.001	0.1
344	556348	5462176	2	21	41	108	0.5	14	12	738	2.92	20	0.5	0.5	12	1	4	0.1	26	0.16	0.04	22	14	0.29	104	0.09	1.39	0.02	0.2	2	0.001	0.1
345	556372	5462170	1	15	25	64	0.1	10	3	201	2.75	23	0.5	0.5	6	1	2	0.1	21	0.04	0.03	17	12	0.3	66	0.07	1.29	0.01	0.18	1	0.001	0.1
346	556396	5462164	2	18	23	73	0.1	10	8	194	2.6	21	0.5	0.5	4	1	3	0.1	27	0.03	0.03	19	13	0.35	69	0.07	1.73	0.01	0.17	1	0.001	0.1
347	556421	5462155	2	18	22	74	0.1	9	8	235	3.34	22	0.5	0.5	5	1	7	0.1	37	0.04	0.03	16	17	0.36	78	0.1	1.68	0.01	0.16	1	0.001	0.1
348	556446	5462150	1	23	21	65	0.1	8	8	329	2.55	15	0.5	0.5	4	1	5	0.1	36	0.04	0.02	17	13	0.25	80	0.08	1.56	0.01	0.15	1	0.001	0.1
349	556471	5462145	1	14	20	51	0.1	8	4	295	2.26	19	0.5	0.5	7	1	2	0.1	29	0.06	0.03	15	11	0.26	78	0.08	1.06	0.01	0.14	1	0.001	0.1
350	556497	5462141	2	33	23	83	0.2	11	11	282	2.82	20	0.5	0.5	5	1	6	0.1	42	0.07	0.03	15	14	0.36	77	0.11	1.84	0.02	0.18	2	0.001	0.1
351	556521	5462139	2	48	24	85	0.4	11	9	262	3.35	23	0.5	0.5	6	2	9	0.1	75	0.1	0.04	12	14	0.29	88	0.17	2.12	0.03	0.16	4	0.001	0.1
352	556547	5462134	2	34	21	74	0.2	10	12	1408	3.21	21	0.5	0.5	6	1	4	0.1	64	0.11	0.04	12	13	0.29	102	0.12	1.59	0.02	0.16	4	0.001	0.1
353	556571	5462134	2	30	16	62	0.3	10	8	235	3.26	19	0.5	0.5	5	1	10	0.1	63	0.1	0.04	11	12	0.28	80	0.11	2	0.02	0.14	3	0.001	0.1
354	556593	5462148	2	50	15	56	0.1	10	10	255	2.67	17	0.5	0.5	6	1	7	0.1	56	0.11	0.04	8	9	0.28	78	0.09	1.61	0.02	0.12	4	0.001	0.1
355	556615	5462161	2	75	21	88	0.1	12	18	563	2.89	20	0.5	0.5	6	1	8	0.1	57	0.09	0.06	12	11	0.32	84	0.1	1.9	0.02	0.14	5	0.001	0.1
356	556634	5462175	2	61	22	117	0.2	13	21	1402	3	18	0.5	0.5	7	1	8	0.1	61	0.11	0.06	12	12	0.32	130	0.11	1.7	0.02	0.13	2	0.001	0.1
357	556655	5462191	3	66	46	112	0.6	20	23	1046	3.19	29	0.5	0.5	20	2	8	0.1	48	0.23	0.05	28	14	0.42	115	0.09	1.89	0.02	0.14	6	0.001	0.1
358	556676	5462204	2	47	31	69	0.4	11	9	288	2.91	23	0.5	0.5	17	1	2	0.1	64	0.16	0.04	22	11	0.25	86	0.14	1.2	0.02	0.2	1	0.001	0.1
359	556698	5462216	2	42	26	110	0.2	12	16	617	3.2	23	0.5	0.5	8	1	6	0.1	55	0.12	0.07	14	13	0.37	99	0.12	1.58	0.02	0.15	3	0.001	0.1
360	556721	5462228	3	62	56	60	0.3	15	123	2327	1.45	29	0.5	0.5	10	1	10	0.1	20	0.19	0.12	181	9	0.21	84	0.04	2.37	0.03	0.16	7	0.001	4
361	556743	5462241	2	24	33	75	0.2	11	8	376	3.4	31	0.5	0.5	25	1	3	0.1	43	0.09	0.05	19	14	0.35	78	0.11	1.25	0.02	0.14	1	0.001	0.1
362	556762	5462258	2	21	30	68	0.1	9	7	268	3.4	28	0.5	0.5	8	1	2	0.1	56	0.09	0.04	15	14	0.26	96	0.16	1.02	0.02	0.14	1	0.001	0.1
363	556778	5462275	2	26	28	66	0.4	9	13	490	3.03	26	0.5	0.5	9	1	2	0.1	42	0.13	0.03	27	12	0.26	118	0.11	1.05	0.02	0.18	1	0.001	0.1
364	556796	5462294	1	24	25	67	0.1	10	10	590	2.67	19	0.5	0.5	12	1	1	0.1	36	0.05	0.03	15	11	0.3	70	0.08	1.12	0.01	0.16	1	0.001	0.1
365	556818	5462304	2	28	28	75	0.1	11	8	389	2.85	19	0.5	0.5	6	1	3	0.1	45	0.09	0.04	15	13	0.29	106	0.09	1.16	0.01	0.12	1	0.001	0.1
366	556833	5462324	2	27	49	108	0.2	12	26	1207	3.33	19	0.5	0.5	8	1	4	0.1	42	0.08	0.05	23	14	0.24	141	0.13	1.38	0.02	0.16	2	0.001	0.1
367	556849	5462305	2	25	22	87	0.1	10	12	322	2.62	12	0.5	0.5	11	1	7	0.1	39	0.04	0.04	14	13	0.25	78	0.09	1.98	0.01	0.16	2	0.001	0.1
368	556862	5462283	2	29	29	93	0.1	11	14	536	2.81	16	0.5	10	5	1	6	0.1	47	0.08	0.04	15	13	0.33	89	0.11	1.81	0.02	0.18	3	0.001	0.1
369	556874	5462260	2	25	23	96	0.1	10	14	429	3.31	16	0.5	0.5	7	1	6	0.1	60	0.08	0.03	13	14	0.32	87	0.15	1.62	0.02	0.16	3	0.001	0.1
370	556880	5462236	1	17	16	57	0.1	6	5	215	2.15	10	0.5	20	6	1	3	0.1	45	0.04	0.02	13	11	0.17	65	0.09	1.06	0.01	0.16	2	0.001	0.1
371	556889	5462212	3	40	29	118	0.1	16	11	443	3.09	23	0.5	50	4	2	9	0.1	47	0.07	0.06	20	15	0.4	91	0.14	3.28	0.02	0.14	6	0.001	0.1
372	556901	5462190	2	29	21	83	0.1	8	10	1060	3.29	15	0.5	10	6	1	1	0.1	63	0.06	0.05	15	15	0.27	105	0.17	1.6	0.02	0.13	1	0.001	0.1
373	556913	5462168	1	18	19	68	0.1	9	5	429	2.8	12	0.5	0.5	6	1	2	0.1	63	0.07	0.06	14	13	0.29	94	0.16	1.23	0.02	0.18	1	0.001	0.1
374	556929	5462148	1	29	21	74	0.1	10	9	1663	2.78	11	0.5	40	7	1	2	0.1	50	0.07	0.05	14	10	0.25	95	0.09	1.29	0.02	0.14	1	0.001	0.1
375	556949	5462128	1	20	20	52	0.1	9	6	349	2.86	13	0.5	0.5	5	1	3	0.1	60	0.08	0.04	14	12	0.24	92	0.12	1.24	0.01	0.13	1	0.001	0.1
376	556963	5462114	2	38	25	78	0.3	13	11	308	3.49	20	0.5	0.5	6	1	6	0.1	59	0.08	0.04	15	13	0.36	68	0.12	2.03	0.02	0.11	3	0.001	0.1
377	556989	5462121	2	54	25	98	0.4	20	11	416	3.18	22	0.5	0.5	5	1	7	2	56	0.1	0.07	20	14	0.43	78	0.14	2.55	0.02	0.12	2	0.001	0.1
378	557015	5462127	2	44	35	125	0.4	22	39	2394	2.99	22	0.5	20	7	1	7	0.1	41	0.08	0.11	35	12	0.36	109	0.09	2.18	0.03	0.12	3	0.001	0.1
379	557037	5462131	2	52	33	94	0.4	17	14	483	3.46	20	0.5	40	9	1	6	0.1	56	0.08	0.04	23	15	0.44	76	0.13	2.12	0.02	0.12	2	0.001	0.1
380	557062	5462142	2	32	30	95	0.4	16	13	939	3.18	19	0.5	0.5	6	1	6	0.1	39	0.08	0.04	22	15	0.39	121	0.09	1.88	0.02	0.17	2	0.001	0.1
381	557082	5462155	2	30	42	134	0.5	19	15	1556	3.23	18	0.5	0.5	8	1	10	0.1	42	0.18	0.06	24	15	0.41	221	0.12	2.08	0.02	0.18	5	0.001	0.1
382	557103	5462173	2	30	40	203	0.5	19	16	1301	3.57	20	0.5	0.5	14	2	8	0.1	45	0.13	0.1	32	18	0.43	323	0.15	2.01	0.03	0.21	3	0.001	0.1
383	557124	5462187	1	18	27	125	0.2	11	11	885	2.83	11	0.5	0.5	19	1	1	0.1	40	0.05	0.05	23	14	0.3	153	0.1	1.43	0.02	0.19	1	0.001	0.1
384	557143	5462201	2	34	32	133	0.1	16	24	952	3.11	18	0.5	0.5	7	1	6	0.1	41	0.06	0.06	24	13	0.35	112	0.09	1.66	0.02	0.17	4	0.001	0.1
385	557164	5462217	2	28	29	132	0.2	14	15	577	3.3	18	0.5	0.5	8	1	5	4	42	0.06	0.05	24	15	0.35	103	0.12	1.62	0.02	0.14	2	0.001	0.1
386	557183	5462233	3	59	36	149	0.4	24	23	584	3.74	25	0.5	0.5	7	2	16	3	59	0.19	0.07	21	15	0.49	107	0.14	2.4	0.03	0.14	7	0.001	0.1
387	557206	5462247	3	48	35	137	0.4	24	20	516	3.56	24	0.5	0.5	12	2	11	3	52	0.1	0.08	24	16	0.47	134	0.14	2.67	0.03	0.18	6	0.001	0.1
388	557225	5462259	2	44	26	118	0.5	19	18	624	3.53	18	0.5	0.5	8	1	9	3	54	0.1	0.08	27	16	0.49	114	0.11	2.03	0.02	0.16	6	0.001	0.1
389	557245	5462275	3	47	27	106	0.3	22	20	536	3.47	19	0.5	0.5	8	2	7	3	55	0.08	0.09	41	17	0.71	103	0.1	2.83	0.02	0.18	4	0.001	0.1
390	557270	5462287	4	42	36	123	0.4	21	17	449	4.44	24	0.5	30	8	3	15	3	67	0.12	0.08	27	16	0.5	101	0.15	2	0.02	0.23	7	0.001	0.1
391	557294	5462299	4	44	47	82	0.3	20	35	1019	4.03	35	0.5	20	10	2	14	2	76	0.13	0.07	27	17	0.64	98	0.11	2.16	0.02	0.22	8	0.001	0.1
392	555991	5463480	1	14	9	40	0.1	9	8	328	2.35	6	0.5	0.5	5	0.1	1	0.1	48	0.04	0.05	19	13	0.43	70	0.09	1.01	0.01	0.08	2	0.001	0.1
393	555994	5463503	1	12	12	43	0.4	10	4	272	3.31	7	0.5	0.5	5	0.1	1	0.1	41	0.02	0.08	23	14	0.5	94	0.07	1.1	0.01	0.12	2	0.001	0.1
394	555995	5463526	1	9	12	33	0.2	5	5	297	1.76	7	0.5	0.5	7	0.1	1	0.1	33	0.09	0.04	26	10	0.27	67	0.05	0.62	0.01	0.09	3	0.001	0.1
395	555993	5463549	1	19	5	23	0.4	7	12	198	1.56	6	0.5	0.5	4	0.1	9	0.1	36	0.03	0.04	14	6	0.21	41	0.02	0.5	0.01	0.1	2	0.001	0.1
396	555992	5463571	1	7	6	22	0.1	5	3	136	1.32	7	0.5	0.5	4	0.1	1	0.1	28	0.04	0.03	19	7	0.18	67	0.04	0.52	0.01	0.11	1	0.001	0.1
397	555991	5463596	1	10	11	36	0.3	7	5	198	1.98	6	0.5	0.5	5	0.1	1	0.1	31	0.04	0.04	22	9	0.42	134	0.05	0.96	0.01	0.1	2	0.001	0.1
398	555989	5463618	1	10	11	36	0.2	7	9	976	1.76	5	0.5	0.5	4	0.1	1	0.1	38	0.03	0.04	23	9	0.41	121	0.03	0.75	0.01	0.11	2	0.001	0.1
399	555982	5463641	1	12	8	50	0.3	11	8	321	2.71	5	0.5	0.5	4	0.1	1	0.1	39	0.03	0.06	23	13	0.53	111	0.06	1.16	0.01	0.12	3	0.001	0.1
400	555978	5463663	1	16	9	52	0.3	13	12	544	2.91	7	0.5	0.5	4	0.1	5	0.1	45	0.02	0.06	18	14	0.72	111	0.04	1.25	0.01	0.09	2	0.001	0.1
401	555975	5463684	1	30	7	41	0.7	9	4	185	2.66	10	0.5	40	3	0.1	1	0.1	27	0.01	0.05	25	12	0.56	76	0.03	1.53	0.01	0.1	3	0.001	0.1
402	555970	5463708	1	30	9	80	0.4	13	12	408	2.65	9	0.5	0.5	4	0.1	1	0.1	33	0.02	0.07	25	14	0.53	110	0.07	3.23	0.01	0.15	2	0.001	0.1
403	555967	5463728	1	13	4	36	0.6	10	9	185	3.4	11	0.5	0.5	4	0.1	1	0.1	32	0.01	0.04	28	12	0.46	86	0.04	2.07	0.01	0.14	2	0.001	0.1
404	555963	5463751	1	11	10	33	0.3	11	12	235	2.96	8	0.5	0.5	15	0.1	1	0.1	30	0.03	0.07	32	12	0.44	97	0.02	1.19	0.01	0.12	1	0.001	0.1
405	555957	5463773	1	8	10	28	0.3	8	5	179	2.05	6	0.5	0.5	5	0.1	1	0.1	26	0.02	0.04	36	10	0.28	47	0.03	1.06	0.01	0.13	1	0.001	0.1
406	555952	5463796	1	7	4	27	0.1	8	2	173	2.38	6	0.5	0.5	3	0.1	1	0.1	26	0.02	0.03	22	11	0.25	49	0.03	1.04	0.01	0.1	2	0.001	0.1
407	555951	5463820	1	13	5	45	0.3	9	9	457	3.25	9	0.5	0.5	5	0.1	1	0.1	31	0.03	0.07	24	13	0.31	64	0.05	1.56	0.01	0.11	4	0.001	0.1

408	555947	5463842	1	7	6	33	0.2	7	8	841	2.49	7	0.5	0.5		3	0.1	1	0.1	35	0.01	0.05	24	10	0.34	57	0.04		0.92	0.01	0.12	1										0.001	0.1
409	555944	5463864	1	8	6	28	0.4	8	4	173	2.75	6	0.5	0.5		4	0.1	1	0.1	25	0.02	0.04	28	11	0.35	58	0.03		1.07	0.01	0.1	2										0.001	0.1
410	555944	5463887	1	5	3	27	0.1	7	2	111	1.76	5	0.5	0.5		5	0.1	1	0.1	19	0.04	0.04	26	10	0.38	52	0.03		1.2	0.01	0.09	2										0.001	0.1
411	555941	5463909	1	5	5	24	0.2	7	2	99	1.69	7	0.5	0.5		2	0.1	1	0.1	21	0.02	0.03	31	9	0.5	39	0.03		0.98	0.01	0.08	1										0.001	0.1
412	555944	5463932	1	15	11	44	0.1	10	5	445	2.28	7	0.5	0.5		6	0.1	1	0.1	31	0.04	0.06	22	13	0.32	91	0.09		2.07	0.01	0.09	3										0.001	0.1
413	555942	5463953	1	11	6	39	0.2	8	1	253	3.56	6	0.5	0.5		8	0.1	1	0.1	46	0.07	0.05	24	12	0.26	71	0.13		1.48	0.01	0.1	1										0.001	0.1
414	555944	5464000	1	10	8	41	0.2	9	4	210	2.7	6	0.5	0.5		3	0.1	1	0.1	28	0.02	0.05	29	14	0.41	58	0.05		1.52	0.01	0.12	1										0.001	0.1
415	555942	5464021	1	11	9	39	0.3	9	6	933	1.99	5	0.5	0.5		3	0.1	1	2	15	0.01	0.03	24	10	0.38	67	0.01		0.99	0.01	0.1	2										0.001	0.1
416	555943	5464045	1	18	11	56	0.6	10	5	383	4.91	6	0.5	0.5		5	0.1	5	0.1	46	0.03	0.06	21	16	0.33	91	0.14		2.15	0.01	0.12	5										0.001	0.1
417	555941	5464068	1	10	15	40	0.2	7	4	408	2.65	6	0.5	0.5		6	0.1	1	0.1	23	0.05	0.04	34	11	0.31	80	0.04		1.1	0.01	0.09	2										0.001	0.1
418	555939	5464091	1	11	10	48	0.4	8	5	297	3.01	4	0.5	0.5		4	0.1	1	0.1	24	0.03	0.05	26	11	0.38	94	0.05		1.21	0.01	0.08	3										0.001	0.1
419	555939	5464114	1	13	39	65	0.1	8	9	859	1.99	11	0.5	0.5		10	0.1	1	0.1	24	0.15	0.06	25	11	0.33	235	0.04		0.96	0.01	0.09	2										0.001	0.1
420	555931	5464132	1	16	21	74	0.2	9	7	742	3.93	3	0.5	0.5		6	0.1	1	0.1	51	0.04	0.06	20	14	0.28	126	0.14		2.09	0.01	0.1	2										0.001	0.1
421	555921	5464155	2	19	19	108	0.5	12	6	291	3.33	5	0.5	0.5		6	0.1	1	0.1	34	0.04	0.16	19	15	0.38	115	0.11		2.77	0.01	0.09	5										0.001	0.1
422	555923	5464176	1	17	12	65	0.4	10	8	346	2.93	7	0.5	0.5		4	0.1	2	0.1	20	0.02	0.09	30	13	0.4	73	0.04		2.29	0.01	0.08	5										0.001	0.1
423	555933	5464195	1	14	21	56	0.3	8	4	667	2.89	6	0.5	0.5		5	0.1	1	0.1	32	0.03	0.07	25	13	0.3	93	0.06		1.42	0.01	0.1	3										0.001	0.1
424	555945	5464216	1	21	17	69	0.6	9	6	766	3.56	4	0.5	0.5		5	0.1	1	0.1	33	0.02	0.06	28	14	0.37	88	0.05		1.7	0.01	0.11	2										0.001	0.1
425	555954	5464234	1	16	26	77	0.1	8	7	1601	2.96	3	0.5	0.5		5	0.1	2	0.1	37	0.03	0.08	19	13	0.25	135	0.1		1.65	0.01	0.14	3										0.001	0.1
426	555963	5464253	2	15	25	77	0.2	9	8	933	3.45	8	0.5	0.5		6	0.1	1	0.1	36	0.04	0.08	25	13	0.31	103	0.1		1.53	0.01	0.18	4										0.001	0.1
427	555970	5464276	1	14	32	81	0.1	8	4	365	3.51	8	0.5	0.5		6	0.1	1	0.1	43	0.04	0.07	24	13	0.28	77	0.12		1.52	0.01	0.12	3										0.001	0.1
428	555975	5464297	2	15	30	70	0.1	7	6	501	3.01	5	0.5	0.5		5	0.1	1	0.1	32	0.04	0.07	22	13	0.27	100	0.1		1.71	0.01	0.1	2										0.001	0.1
429	555977	5464321	1	15	12	89	0.1	10	1	637	2.57	9	0.5	0.5		6	0.1	3	0.1	31	0.04	0.18	10	12	0.21	109	0.16		4.75	0.02	0.09	2										0.001	0.1
430	555975	5464343	1	10	13	35	0.1	5	3	179	1.75	6	0.5	0.5		5	0.1	1	0.1	24	0.03	0.04	30	10	0.22	61	0.05		1.21	0.01	0.08	2										0.001	0.1
431	555972	5464365	1	13	19	57	0.1	6	7	1088	2.53	3	0.5	0.5		4	0.1	1	0.1	30	0.03	0.07	27	12	0.35	84	0.05		1.36	0.01	0.08	2										0.001	0.1
432	555972	5464387	1	8	11	36	0.1	5	2	216	2.06	3	0.5	0.5		4	0.1	1	0.1	29	0.03	0.05	28	10	0.22	63	0.05		1.01	0.01	0.09	3										0.001	0.1
433	555969	5464410	1	11	15	75	0.1	8	5	253	2.66	6	0.5	0.5		5	0.1	1	0.1	30	0.03	0.09	22	13	0.32	81	0.09		2.44	0.01	0.1	4										0.001	0.1
434	555965	5464432	1	7	9	34	0.1	2	2	179	1.77	5	0.5	0.5		4	0.1	1	0.1	25	0.03	0.07	21	10	0.19	54	0.07		0.99	0.01	0.11	1										0.001	0.1
435	555961	5464456	2	11	12	55	0.1	6	5	278	2.14	7	0.5	0.5		4	0.1	4	0.1	33	0.02	0.09	12	12	0.14	71	0.13		2.4	0.01	0.09	4										0.001	0.1
436	555956	5464477	2	21	11	88	0.3	7	4	748	3.03	6	0.5	0.5		6	0.1	6	0.1	36	0.04	0.12	11	16	0.17	123	0.19		3.66	0.02	0.18	5										0.001	0.1
437	555940	5464492	1	14	16	42	0.1	5	2	439	1.56	4	0.5	0.5		5	0.1	1	0.1	42	0.03	0.04	13	10	0.07	90	0.14		0.9	0.01	0.12	1										0.001	0.1
438	555921	5464503	1	7	13	27	0.1	4	2	173	1.23	7	0.5	0.5		5	0.1	2	0.1	30	0.04	0.03	26	10	0.07	47	0.07		0.43	0.01	0.13	1										0.001	0.1
439	555903	5464516	2	13	13	31	0.2	7	4	192	2.06	5	0.5	0.5		7	0.1	1	0.1	21	0.05	0.03	30	11	0.35	141	0.06		1.16	0.01	0.15	2										0.001	0.1
440	555889	5464535	2	14	6	49	0.3	6	6	198	2.51	8	0.5	0.5		6	0.1	4	0.1	26	0.04	0.06	21	12	0.28	144	0.11		2.53	0.01	0.12	3										0.001	0.1
441	555875	5464555	2	18	11	39	0.2	7	5	427	2.34	5	0.5	0.5		10	0.1	3	0.1	30	0.06	0.05	19	12	0.21	138	0.16		1.77	0.02	0.1	1										0.001	0.1
442	555864	5464572	1	6	3	27	0.3	8	3	142	1.77	5	0.5	0.5		3	0.1	1	0.1	10	0.01	0.03	30	10	0.44	56	0.02		0.84	0.01	0.1	1										0.001	0.1
443	555851	5464591	1	6	4	28	0.2	7	3	185	2.11	7	0.5	0.5		3	0.1	1	0.1	16	0.02	0.04	32	10	0.35	65	0.02		0.88	0.01	0.11	1										0.001	0.1
444	555843	5464612	2	9	16	43	0.1	7	2	606	2.26	7	0.5	0.5		8	0.1	2	0.1	46	0.1	0.05	17	12	0.21	121	0.12		0.93	0.01	0.12	2										0.001	0.1
445	555833	5464633	2	14	6	42	0.1	10	2	161	2.46	8	0.5	0.5		5	0.1	5	0.1	37	0.04	0.08	7	17	0.11	69	0.19		3.32	0.01	0.11	6										0.001	0.1
446	555829	5464656	1	12	11	46	0.1	8	3	1354	2.06	8	0.5	0.5		6	0.1	1	0.1	38	0.04	0.07	15	11	0.15	89	0.15		1.97	0.01	0.13	3										0.001	0.1
447	555819	5464678	2	15	10	72	0.1	10	2	1088	3.22	7	0.5	0.5		8	0.1	2	0.1	47	0.04	0.12	14	15	0.24	129	0.2		3.8	0.02	0.11	4										0.001	0.1
448	555812	5464698	2	16	10	80	0.1	12	6	952	2.54	12	0.5	0.5		9	0.1	1	0.1	31	0.07	0.17	22	13	0.29	148	0.12		3.24	0.01	0.12	3										0.001	0.1
449	555804	5464720	2	21	19	81	0.1	12	3	396	3.47	10	0.5	0.5		12	0.1	4	0.1	50	0.07	0.08	9	14	0.22	252	0.26		3.85	0.02	0.1	6										0.001	2
450	555799	5464740	1	14	22	56	0.1	9	2	371	2.7	6	0.5	0.5		14	0.1	1	0.1	40	0.14	0.06	13	13	0.2	231	0.15		1.88	0.01	0.1	2										0.001	0.1
451	555794	5464762	1	14	15	65	0.1	9	6	785	2.73	11	0.5	0.5		8	0.1	1	0.1	40	0.05	0.22	11	13	0.18	137	0.2		3.29	0.01	0.12	5										0.001	0.1
452	556171	5463600	1	8	15	29	0.2	7	5	146	1.11	3	0.5	0.5		8	0.1	1	0.1	24	0.08	0.05	15	14	0.46	75	0.04		1.05	0.01	0.1	1										0.001	0.1
453	556166	5463623	1	9	9	30	0.1	5	3	180	1.98	7	0.5	0.5		3	0.1	1	0.1	45	0.02	0.04	12	10	0.21	49	0.09		0.81	0.01	0.1	1										0.001	0.1
454	556159	5463642	1	12	5	44	0.4	6	1	313	2.83	4	0.5	0.5		5	0.1	1	0.1	36	0.02	0.07	12	14	0.31	85	0.07		2.23	0.02	0.09	1										0.001	0.1
455	556153	5463665	1	8	5	28	0.1	6	3	428	1.57	3	0.5	0.5		4	0.1	1	0.1	34	0.01	0.04	17	11	0.36	61	0.05		1.04	0.01	0.09	1										0.001	0.1
456	556146	5463688	1	14	6	47	0.3	8	1	707	2.32	3	0.5	0.5		4	0.1	1	0.1	37	0.02	0.11	14	13	0.43	76	0.05		2.24	0.01	0.08	1										0.001	0.1
457	556138	5463708	1	11	4	36	0.2	7	4	1337	1.9	5	0.5	0.5		4	0.1	1	0.1	23	0.03	0.09	14	10	0.35	80	0.04		1.19	0.01	0.1	1										0.001	0.1
458	556131	5463730	1	3	2	13	0.1	2	4	81	0.61	2	0.5	200		2	0.1	1	0.1	15	0.01	0.02	15	5	0.07	27	0.03		0.42	0.01	0.09	1										0.001	0.1
459	556124	5463753	1	7	4	39	0.1	7	2	176	2.2	3	0.5	0.5		2	0.1	1	0.1	23	0.01	0.05	19	13	0.36	42	0.03		1.68	0.01	0.08	1										0.001	0.1
460	556119	5463775	1	8	8	32	0.1	4	2	201	2.53	4	0.5	0.5		7	0.1	1	0.1	39	0.03	0.07	17	11	0.15	65	0.1		1.09	0.01	0.09	1										0.001	0.1
461	556115	5463800	1	9	10	43	0.2	10	15	1101	1.93	9	0.5	20		12	0.1	1	0.1	19	0.15	0.08	19	12	0.41	277	0.03		1.03	0.01	0.09	1										0.001	0.1
462	556111	5463820	1	9	9	41	0.1	6	3	330	2.96	5	0.5	0.5		5	0.1	1	0.1	39	0.03	0.08	17	13	0.22	82	0.11		1.13	0.01	0.1	1										0.001	0.1
463	556104	5463844	1	7	4	27	0.1	5	6	433	1.05	4	0.5	0.5		7	0.1	1	0.1	18	0.07	0.05	20	9	0.1	89	0.02		0.71	0.01	0.1	1										0.001	0.1
464	556104	5463867	1	7	2	29	0.1	5	6	137	1.5	5	0.5	0.5		5	0.1	1	0.1	24	0.04	0.05	22	10	0.26	97	0.03		0.75	0.01	0.12	1										0.001	0.1
465	556098	5463887	1	12	6	37	0.2	12	17	450	1.76	6	0.5	0.5		7	0.1	1	0.1	14	0.08	0.06	20	11	0.6	144	0.02		1.25	0.01	0.13	1										0.001	0.1
466	556097	5463911	1	6	3	27	0.2	7	6	141	1.88	4	0.5	0.5		3	0.1	1	0.1	16	0.02	0.05	24	12	0.49	60	0.02		0.95	0.01	0.11	1										0.001	0.1
467	556095	5463934	1	13	15	51	0.3	9	14	4784	2.37	5	0.5	0.5		14	0.1	1	0.1	24	0.18	0.08	25	12	0.4	415	0.04		1.47	0.02	0.1	1										0.001	0.1
468	556093	5463956	1	6	11	24	0.1	4	5	133	1.17	3	0.5	0.5		5	0.1	1	2	16	0.06	0.03	14	8	0.18	92	0.02		0.66	0.01	0.11	1										0.001	0.1
469	556095	5463979	1	11	5	30	0.2	12	16	244	1.71	3	0.5	0.5		8	0.1	1	4	12	0.13	0.04	17	12	0.74	250	0.01		1.17	0.01	0.12	1										0.001	0.1
470	556097	5464002	1	10	10	41	0.2	9	5	184	2.44	7	0.5	0.5		6	0.1	1	2	17	0.1	0.06	18	12	0.4	158	0.03		1.28	0.01	0.11	1										0.001	0.1
471	556100	5464023	1	11	10	50	0.3	10	1	270	2.93	6	0.5	0.5		5	0.1	1	5	27	0.04	0.08	19	14	0.37	83	0.07		1.72	0.01	0.1	1										0.001	0.1
472	556103	5464047	1	10	14	42	0.3	9	9	296	1.93	4	0.5	0.5		5	0.1	1	2	19	0.08	0.06	18	12	0.38	216	0.03		1.05	0.01	0.13	1										0.001	0.1
473	556095	5464066	1	12	5	40	0.4	14	10	291	2.01	4	0.5	0.5		5	0.1	1	4	14	0.05	0.06	20	13	0.72	176	0.02		1.33	0.01	0.1	1										0.001	0.1
474	556081	5464087	1	11	11	63	0.3	10	3	428	2.81	3	0.5	0.5		6	0.1	1	2	27	0.06	0.07	20	14	0.47	186	0.05		1.47	0.01	0.1	1										0.001	0.1
475	556087	5464108	1	14	19	70	0.1	9	5	1135	1.8	5	0.5	0.5		13	0.1	1	2	34	0.19	0.05	14	16	0.16	375	0.1		0.79	0.02	0.11	1										0.001	0.1
476	556092	5464132	1	9	8	41	0.1	6	6	437	1.96	3	0.5	0.5		4	0.1	1	0.1	18	0.04	0.06	23	11	0.31	103	0.03		0.91	0.01	0.12	1										0.001	0.1
477	556096	5464154	1	19	11	42	0.6	12	3	1131	1.77	9	0.5	0.5		39	0.1	1	0.1	15	0.56	0.14	19	14	0.61	748	0.02		1.94	0.02	0.1	1										0.001	2
478	556102	5464175	1	7	6	38	0.1	6	5	625	1.64	3	0.5	0.5		4	0.1	1	3	22	0.04	0.05	15	9	0.24	93	0.04		0.81	0.01	0.1	1										0.001	0.1
479	556109	5464195	1	8	10	40	0.1	5	6	900	1.42	4	0.5	0.5		6	0.1	1	0.1	26	0.06	0.04	21	9	0.14	134	0.05		0.67	0.01	0.09	1										0.001	0.1
480	556113	5464218	1	15	7	80	0.2	10	1	433	2.81	2	0.5	0.5		4	0.1	1	4	29	0.03	0.13	16	15	0.29	89	0.09		3.24	0.02	0.08	1										0.001	0.1
481	556117	5464239	1	18	30	76	0.2	7	1	801	3.42	5	0.5	0.5		8	0.1	1	5	39	0.08	0.13	13	14	0.22	96	0.15		1.97	0.02	0.1	1										0.001	0.1
482	556122	5464263	1	19	7	72	0.2	8	1	356	2.28	2	0.5	0.5		6	0.1	1	3	30	0.04	0.16	8	12	0.15	79	0.17		5.57	0.03	0.09	1										0.001	0.1
483	556125	5464286	1	21	21	111	0.3	8	1	566	3.3	2	0.5	0.5		7	0.1	1	3	43	0.04	0.13	10	15	0.2	128	0.19		2.7	0.02	0.08	1										0.001	0.1
484	556126	5464309	1	21	23	142	0.5	12	1	1551	2.93	4	0.5	0.5		16	0.1	1	3	32	0.14	0.18	14	16	0.5	248	0.11		2.48	0.03	0.11	1										0.001	0.1
485	556124	5464332	1	24	17	58	0.6	14	6	518	2.06	13	0.5	0.5		30	0.1	1	6	17	0.31	0.08	27	16	0.84	276	0.02		1.77	0.01	0.12	1										0.001	0.1
486	556123	5464356	1	21	15	60	0.3	13	5	368	2.21	9	0.5	0.5		8	0.1	1	3	17	0.07	0.06	21	15	0.65	180	0.01		1.64	0.01	0.1	1										0.001	0.1
487	556123	5464378	1	27	22	98	0.2	9	10	3344	2.67	7	0.5	0.5		20	0.1	3	0.1	35	0.26	0.09	10	12	0.19	361	0.14		1.17	0.02	0.11	7										0.001	0.1
488	556123	5464400	2	19	17	69	0.1	10	5	1607	2.7	4	0.5	0.5		7	0.1	1	0.1	35	0.06	0.09	16	15	0.22	163	0.12		1.2	0.01	0.1	6										0.001	0.1
489	556121	5464424	2	16	18	67	0.1	8	8	2497	2.59	3	0.5	0.5		4	0.1	3	0.1	44	0.03	0.06	14	12	0.15	184	0.16		1.22	0.02	0.09	3										0.001	0.1
490	556120	5464446	1	15	13	80	0.3	10	6	519	3.1	6	0.5	0.5		2	0.1	1	0.1	32	0.03	0.11	25	13	0.4	142	0.1		1.56	0.01	0.08	4										0.001	0.1
491	556117	5464469	2	14	16	48	0.3	8	5	624	2.1	5	0.5	0.5		5	0.1	1	0.1	40	0.07	0.06	19	12	0.15	111	0.13		0.89	0.01	0.09	3										0.001	0.1
492	556114	5464492	1	6	11	30	0.1	3	2	117	1.58	2	0.5	0.5		3	0.1	1	0.1	38	0.03	0.04	21	9	0.09	86	0.11		0.76	0.01	0.12	4										0.001	0.1
493	556110	5464516	1	12	10	62	0.1	6	4	1310	2.82	2	0.5	0.5		2	0.1	1	0.1	42	0.02	0.07	16	13	0.18	144	0.14		1.88	0.02	0.1	3										0.001	0.1
494	556107	5464539	1	7	8	55	0.2	8	3	266	3.17	2	0.5	0.5		1	0.1	2	0.1	42	0.02	0.06	22	12	0.25	79	0.13		1.5	0.01	0.11	2										0.001	0.1
495	556102	5464560	1	6	9	47	0.1	6	1	247	2.7	5	0.5	0.5		1	0.1	1	0.1	41	0.03	0.1	17	12	0.19	67	0.13		1.75	0.01	0.1	3										0.001	0.1
496	556100	5464584	1	3	8	39	0.1	7	5	952	1.87	4	0.5	0.5		1	0.1	1	0.1	30	0.02	0.05	24	10	0.22	67	0.06		0.78	0.01	0.12	3										0.001	0.1
497	556097	5464607	2	18	13	59	0.3	6	8	1564	2.16	8	0.5	0.5		7	0.1	1	0.1	31	0.05	0.09	15	11	0.17	138	0.11		1.84	0.01	0.13	3										0.001	0.1
498	556092	5464629	1	11	12	63	0.2	4	5	334	1.86	4	0.5	0.5		11	0.1	1	0.1	20	0.06	0.03	27	10	0.26	301	0.03		1.59	0.01	0.1	3										0.001	0.1
499	556087	5464651	1	7	8	45	0.1	6	2	99	1.39	4	0.5	0.5		4	0.1	1	0.1	17	0.03	0.02	31	11	0.18	118	0.02		0.64	0.01	0.1	3										0.001	0.1
500	556083	5464663	1	8	4	26	0.1	6	2	124	1.85	6	0.5	0.5		5	0.1	1	0.1	19	0.04	0.04	28	9	0.34	88	0.03		0.92	0.01	0.09	2										0.001	0.1
501	556078	5464672	1	9	10	32	0.1	6	6	210	1.43	7	0.5	0.5		10	0.1	1	0.1	17	0.08	0.05	21	9	0.23	123	0.03		0.81	0.01	0.08	2										0.001	0.1
502	556070	5464692	1	21	15	52	0.1	8	37	1131	1.8	2	0.5	0.5		7	0.1	1	0.1	18	0.05	0.09	30	10	0.34	140	0.03		1.8	0.01	0.1	2										0.001	2
FA-1 48+50W	556474	5467591	0.2	6.6	5.5	30	<.1	9.2	5.6	152	1.36	2.1	0.7	4.2	5.4	4	0.1	0.2	0.2	10	0.06	0.047	25	6	0.51	48	0.021	<1	1.03	0.004	0.04	0.1	0.01	0.7	0.1	<.05	2	<.5	<1	<1	0.9		
FA-1 48+00W	556476	5467639	0.3	8.1	5.8	34	<.1	7.7	4.4	161	1.3	1.7	0.7	3.6	2.5	7	0.2	0.1	0.1	17	0.06	0.082	7	5	0.22	103	0.07	<1	2.75	0.014	0.03	0.1	0.04	1.1	0.1	<.05	6	<.5	<1	<1	11		
FA-1 47+50W	556480	5467681	0.4	9.3	7.9	39	<.1	11.3	5.7	224	1.79	2.8	0.8	1.2	5.9	5	0.1	0.2	0.2	19	0.04	0.08	18	10	0.48	172	0.041	1	2.21	0.01	0.05	0.1	0.03	1.4	0.1	<.05	5	<.5	<1	<1	7		
FA-1 47+00W	556503	5467742	0.5	7.1	9	50	<.1	8	4.7	401	1.59	2.6	0.7	0.6	3.3	7	0.1	0.2	0.3	20	0.05	0.121	15	8	0.37	122	0.057	1	2.21	0.011	0.04	0.1	0.05	1.2	0.1	<.05	7	<.5	<1	1	4.5		
FA-1 46+50W	556548	5467789	0.3	7.9	6.2	44	<.1	8.7	5.2	178	1.47	2.4	0.8	0.9	4.8	6	0.1	0.2	0.2	14	0.03	0.042	22	8	0.52	113	0.024	<1	1.44	0.007	0.05	0.1	0.02	1	0.1	<.05	4	<.5	<1	<1	2.2		
FA-1 46+00W	556548	5467831	0.4	9.5	9.4	48	<.1	11.3	7.5	386	1.82	3	1	<.5	5.8	7	0.1	0.2	0.2	19	0.04	0.066	21	9	0.49	150	0.045	<1	2.07	0.009	0.07	0.1	0.03	1.7	0.1	<.05	5	0.5	<1	<1	5.5		
FA-1 45+50W	556552	5467866	0.5	6.8	10.2	41	<.1	10.5	5.9	813	1.61	2.5	0.7	<.5	4.1	7	0.1	0.2	0.2	17	0.06	0.082	18	8	0.49	123	0.037	<1	1.88	0.007	0.06	0.2	0.04	1.1	0.1	<.05	5	<.5	<1	<1	2.1		
FA-1 45+00W	556575	5467913	0.2	4.9	5	29	<.1	11	7.7	199	1.51	2.9	0.7	<.5	7.2	2	<.1	0.2	0.2	6	0.03	0.037	22	7	0.82	50	0.008	<1	1.05	0.003	0.06	0.1	0.01	0.7	<.1	<.05	2	<.5	<1	<1	0.7		
FA-1 44+50W	556604	5467957	0.2	4.1	4.5	23	<.1	7.7	4.5	144	1.25	1.9	0.5	<.5	4.4	2	0.1	0.1	0.2	9	0.01	0.02	18	6	0.51	56	0.01	<1	0.95	0.003	0.05	<.1	0.01	0.7	<.1	<.05	3	<.5	<1	<1	0.2		
FA-1 44+00W	556620	5468017	0.3	7.1	4.6	28	<.1	12	8	460	1.72	2	2.2	0.8	9.5	11	<.1	0.2	0.2	7	0.3	0.166	27	7	0.8	99	0.008	<1	1.04	0.003	0.06	0.1	<.01	1.1	<.1	<.05	2	<.5	<1	<1	1		
FA-1 43+50W	556635	5468070	0.4	14.6	7.2	38	<.1	16.5	10.6	397	2.14	2.1	1.6	<.5	10	3	0.1	0.4	0.4	10	0.05	0.05	21	9	0.95	99	0.01	<1	1.49	0.004	0.08	0.1	0.02	1.3	0.1	<.05	3	<.5	<1	<1	0.4		
FA-1 43+00W	556659	5468123	0.4	6.9	6.3	40	<.1	14.6	7.7	113	2.05	2.8	0.9	<.5	8.6	4	0.1	0.3	0.3	18	0.03	0.029	25	11	0.8	145	0.021	<1	1.73	0.004	0.11	0.1	0.02	1.2	0.1	<.05	5	<.5	<1	<1	2		

FA-1 42+50W	556670	5468176	0.3	4.1	8.5	28	<.1	11.8	16.1	357	1.62	2.5	0.7	<.5	4.3	4	0.1	0.3	0.2	12	0.05	0.05	21	7	0.56	73	0.018	<1	1.39	0.005	0.06	0.1	0.04	0.8	0.1	<.05	4	<.5	<1	<1	0.8
FA-1 42+00W	556684	5468212	0.5	4.1	6.9	35	<.1	12.7	7.9	222	1.81	2.6	0.9	<.5	10.1	4	0.1	0.6	0.2	12	0.02	0.036	29	9	0.88	85	0.016	<1	1.55	0.004	0.09	0.2	0.02	1.1	0.1	<.05	4	<.5	<1	<1	0.8
FA-1 41+50W	556686	5468255	0.6	3.9	5.7	24	<.1	12	7.3	148	1.7	2.3	1.6	84.6	9.7	3	0.1	0.3	0.2	8	0.03	0.034	31	6	0.61	78	0.009	<1	1.17	0.003	0.08	0.1	0.01	1.1	0.1	<.05	2	<.5	<1	<1	0.7
FA-1 41+00W	556728	5468303	0.3	4.4	4.8	26	<.1	11.7	7.1	218	1.49	1.6	2.4	<.5	9.3	4	0.1	0.2	0.2	8	0.03	0.034	29	7	0.67	96	0.012	<1	1.25	0.004	0.08	0.1	0.01	1.2	0.1	<.05	3	<.5	<1	<1	1.2
FA-1 40+50W	556734	5468346	0.2	2.4	3.2	20	<.1	8.4	4.8	59	1.36	1.9	0.7	1.6	7.8	2	<.1	0.2	0.1	7	0.01	0.018	32	5	0.52	32	0.006	<1	0.73	0.002	0.04	0.5	0.01	0.5	<.1	<.05	2	<.5	<1	<1	0.6
FA-1 40+00W	556755	5468385	0.3	3.7	4.2	27	<.1	10.5	5.5	123	1.51	1.8	0.8	0.7	7.2	4	<.1	0.2	0.1	11	0.03	0.043	32	6	0.51	104	0.024	<1	1.25	0.006	0.05	0.2	0.01	0.9	<.1	<.05	3	<.5	<1	<1	1.8
FA-1 39+50W	556765	5468435	0.2	3.1	5.7	26	<.1	9.1	4.9	220	1.37	1.9	0.6	1.6	6.4	5	<.1	0.2	0.2	13	0.05	0.035	30	6	0.46	78	0.023	<1	1.07	0.005	0.06	0.1	0.02	0.8	0.1	<.05	4	<.5	<1	<1	0.6
FA-1 39+00W	556770	5468492	0.4	7.2	7.9	37	<.1	11.8	6.6	277	1.61	2.6	0.7	0.5	6.6	6	0.1	0.2	0.2	17	0.04	0.068	23	7	0.41	92	0.048	1	1.76	0.007	0.06	0.1	0.02	1.3	0.1	<.05	5	<.5	<1	1	9.1
FA-1 38+50W	556778	5468542	1.4	18.4	16.8	48	0.1	19.1	12.2	439	2.28	10.6	1.1	1.1	8.7	18	0.1	0.4	0.5	19	0.04	0.056	22	10	0.48	130	0.038	1	1.97	0.007	0.09	0.4	0.03	1.6	0.1	<.05	5	<.5	<1	1	4.6
FA-1 38+00W	556790	5468592	0.3	4.6	4.7	29	<.1	8.5	5.2	156	1.39	2.2	0.6	3.1	6.3	3	<.1	0.2	0.2	11	0.03	0.03	25	6	0.51	63	0.018	1	1.13	0.004	0.05	0.1	0.02	0.7	<.1	<.05	3	<.5	<1	<1	2.6
FA-1 37+50W	556821	5468623	0.2	4.7	4.2	26	<.1	8.9	5.4	112	1.32	2.3	0.8	0.6	7.6	2	<.1	0.2	0.2	9	0.02	0.031	26	6	0.47	37	0.015	1	0.9	0.003	0.04	0.1	0.01	0.7	<.1	<.05	2	<.5	<1	<1	2.6
FA-1 37+00W	556859	5468648	0.5	9.2	8.3	85	0.3	13.2	9.2	109	1.97	2.5	0.7	0.9	5.8	6	0.2	0.2	0.2	22	0.05	0.057	16	10	0.29	115	0.062	1	2.94	0.012	0.06	0.1	0.06	1.6	0.1	<.05	7	<.5	<1	1	21.8
FA-1 36+50W	556924	5468677	0.5	11.6	8.8	30	<.1	10.9	7.9	103	1.66	7.2	0.7	6.3	7.8	4	<.1	0.2	0.3	12	0.02	0.02	31	8	0.53	62	0.012	1	1.12	0.004	0.06	0.1	0.01	1	0.1	<.05	3	<.5	<1	<1	3.2
FA-1 36+00W	556961	5468669	0.4	7.6	6	31	<.1	15.6	7.7	95	1.78	3.4	0.7	6	6.4	6	0.1	0.2	0.3	16	0.03	0.033	24	13	0.46	111	0.027	1	1.63	0.007	0.06	0.1	0.03	1.2	0.1	<.05	4	<.5	<1	<1	6.4
FA-1 35+50W	557011	5468698	0.3	3.1	2.9	21	<.1	9.5	5.7	73	1.32	2	0.6	<.5	7.1	4	<.1	0.2	0.1	11	0.02	0.039	25	7	0.49	70	0.018	<1	0.92	0.004	0.04	<.1	0.01	0.8	<.1	<.05	3	<.5	<1	<1	3.3
FA-1 35+00W	557049	5468725	0.3	4.9	5.8	23	<.1	9.1	5	89	1.48	2.4	0.7	10.8	5.6	6	<.1	0.2	0.2	15	0.06	0.105	25	7	0.41	79	0.042	1	1.57	0.009	0.04	0.1	0.03	1.1	<.1	<.05	5	<.5	<1	<1	6.6
FA-1 34+50W	557092	5468749	0.4	5.1	5.6	25	<.1	14.2	8.4	126	1.69	3	2.1	4.7	8.4	13	<.1	0.3	0.2	10	0.06	0.045	25	7	0.48	160	0.018	1	1.32	0.006	0.07	0.1	0.06	1.2	<.1	<.05	3	<.5	<1	<1	3.7
FA-1 34+00W	557146	5468758	0.4	6.2	7.6	39	<.1	13.2	11.3	344	2.13	2.9	0.9	0.7	5.7	11	0.1	0.2	0.3	19	0.06	0.076	22	10	0.57	114	0.032	1	1.72	0.008	0.09	0.1	0.04	1.3	0.1	<.05	6	<.5	<1	1	1.5
FA-1 33+50W	557217	5468749	0.2	3.9	3.8	29	<.1	9.8	5.8	102	1.49	2.5	0.7	0.9	5.7	3	<.1	0.2	0.2	7	0.02	0.028	29	6	0.54	65	0.008	<1	0.94	0.003	0.06	0.1	0.01	0.6	<.1	<.05	2	<.5	<1	<1	0.2
FA-1 33+00W	557272	5468759	0.4	4.7	7.2	47	<.1	14.2	8.6	432	1.95	2.2	1.3	0.9	5	16	0.1	0.2	0.3	15	0.08	0.054	25	8	0.37	178	0.016	1	1.45	0.007	0.07	0.1	0.02	1	0.1	<.05	4	<.5	<1	<1	0.8
FA-1 32+50W	557295	5468733	0.2	3.2	5.3	28	<.1	11	6.5	194	1.53	1.9	1.4	1	9.3	7	<.1	0.2	0.2	8	0.06	0.037	31	6	0.65	101	0.008	<1	0.99	0.004	0.05	0.1	0.01	0.8	<.1	<.05	2	<.5	<1	<1	0.8
FA-1 32+00W	557355	5468731	0.3	6.8	6.4	31	<.1	15.2	8	427	1.64	2.8	2.7	5.1	4	10	0.1	0.2	0.3	10	0.09	0.055	19	7	0.48	162	0.017	1	1.53	0.008	0.05	0.2	0.03	1.3	0.1	<.05	3	<.5	<1	<1	0.7
FA-1 31+50W	557389	5468721	0.4	9.1	7.7	34	<.1	10.6	7.9	528	1.55	2.8	1.4	4.8	5.9	3	0.1	0.3	0.3	8	0.04	0.064	21	6	0.48	65	0.019	1	1.3	0.005	0.05	0.2	0.03	1.2	0.1	<.05	3	<.5	<1	<1	0.7
FA-1 31+00W	557445	5468729	0.6	6.8	7	27	<.1	10.9	8.4	263	1.7	3.4	2.5	2.9	6.2	10	0.1	0.2	0.3	13	0.09	0.046	17	6	0.32	181	0.043	1	1.75	0.01	0.04	0.2	0.04	1.5	0.1	<.05	4	<.5	<1	<1	3.9
FA-1 30+50W	557490	5468725	0.2	8.7	5.8	25	<.1	9.7	7.8	419	1.51	4.1	0.8	6.8	9.6	3	0.1	0.2	0.3	3	0.09	0.053	26	4	0.4	33	0.004	<1	0.46	0.003	0.04	0.2	0.01	1.3	<.1	<.05	1	<.5	<1	<1	0.4
FA-1 30+00W	557523	5468707	0.4	7.6	6	32	<.1	15.4	19.4	368	1.9	6.8	1.7	1.6	5.4	6	0.1	0.3	0.4	8	0.04	0.048	20	5	0.36	98	0.01	<1	0.93	0.004	0.04	0.2	0.02	1.4	0.1	<.05	2	<.5	<1	<1	0.3
FA-1 29+50W	557558	5468671	0.2	25.9	15.6	112	0.1	16	10.4	889	2.53	10.2	0.9	7.6	8.6	6	0.5	1.3	0.5	7	0.15	0.045	31	6	0.65	63	0.01	1	1.03	0.005	0.05	0.7	0.04	5.1	0.1	<.05	2	<.5	<1	<1	3
FA-1 29+00W	557582	5468631	0.3	22.6	10.9	43	<.1	14.3	9.1	464	1.85	4.9	0.8	3	5.2	6	0.1	0.4	0.4	8	0.06	0.042	21	8	0.78	84	0.007	1	1.46	0.005	0.05	0.5	0.04	1.6	0.1	<.05	3	<.5	<1	<1	0.9
FA-1 28+50W	557597	5468607	0.2	13.7	4.5	49	<.1	12.7	5.6	222	1.69	2	0.5	0.9	5.5	3	0.1	0.2	0.3	8	0.03	0.036	21	8	0.65	124	0.005	1	1.4	0.004	0.05	0.1	0.02	1.3	0.1	<.05	3	<.5	<1	<1	1.8
FA-1 28+00W	557660	5468553	0.2	22.5	9.7	45	<.1	11.6	6.8	562	1.59	3.3	1.4	1.1	8	3	0.2	0.3	0.4	4	0.06	0.034	22	5	0.55	94	0.006	1	0.84	0.003	0.05	0.1	0.02	2	<.1	<.05	2	<.5	<1	<1	0.8
FA-1 27+50W	557708	5468508	0.4	26.4	15.3	36	0.2	10.2	6.1	375	1.77	3.6	4	1.8	5.7	7	0.2	0.3	0.4	15	0.11	0.043	17	8	0.3	164	0.04	1	2.38	0.01	0.05	0.2	0.08	2.4	0.1	<.05	5	<.5	<1	1	5.7
FA-1 27+00W	557755	5468469	0.4	9.5	6.3	31	<.1	10.2	6.9	178	1.4	2.4	0.7	5.8	5.6	2	0.1	0.2	0.3	5	0.02	0.053	19	6	0.37	64	0.008	1	1.22	0.004	0.04	0.2	0.02	0.9	<.1	<.05	2	<.5	<1	<1	1.5
26+50	557761	5468435																																							
FA-1 26+00W	557807	5468396	0.4	11.2	7.5	36	<.1	11.1	6.8	204	1.46	2.5	0.9	3.7	5.4	2	0.1	0.2	0.3	6	0.02	0.045	23	6	0.42	62	0.012	<1	1.24	0.004	0.06	0.1	0.02	0.9	<.1	<.05	2	<.5	<1	<1	0.7
FA-1 25+50W	557848	5468362	0.2	4.1	5.5	29	<.1	8.5	4.9	208	1.47	1.6	0.7	1.4	3.5	3	0.1	0.1	0.2	9	0.03	0.03	23	5	0.29	90	0.017	<1	1	0.005	0.05	0.1	0.03	0.7	<.1	<.05	3	<.5	<1	<1	0.4
FA-1 25+00W	557899	5468325	0.2	3.1	3.9	29	<.1	6.5	3.7	112	1.16	1.2	0.6	7.6	5.1	2	0.1	0.2	0.2	6	0.01	0.022	22	4	0.26	42	0.006	1	0.68	0.003	0.03	0.1	0.02	0.5	<.1	<.05	2	<.5	<1	<1	0.6
FA-1 24+50W	557907	5468316	0.2	2.8	3.4	22	<.1	7	3.5	79	1.3	1.6	0.7	1.7	5.7	1	0.1	0.1	0.2	6	0.01	0.053	21	4	0.28	49	0.007	<1	0.79	0.003	0.03	0.1	0.03	0.5	<.1	<.05	2	<.5	<1	<1	0.6
FA-1 24+00W	557964	5468285	0.2	4.4	4	25	<.1	5.8	3.7	174	1.13	1	0.8	8.7	3.9	3	0.1	0.1	0.2	8	0.03	0.029	23	4	0.19	74	0.021	<1	0.96	0.005	0.03	0.1	0.02	0.8	<.1	<.05	3	<.5	<1	<1	1.3
FA-1 23+50W	558017	5468272	0.1	7.7	9.9	26	<.1	10.6	6.8	283	1.35	2.4	2.9	1.9	4.2	4	0.1	0.2	0.3	6	0.07	0.046	21	5	0.3	164	0.008	<1	0.98	0.004	0.06	0.1	0.02	0.8	<.1	<.05	2	<.5	<1	<1	0.7
FA-1 23+00W	558047	5468259	0.2	3.5	5	22	<.1	5.6	3.7	92	1.2	1.4	0.8	1.6	6.1	2	0.1	0.2	0.2	6	0.02	0.048	18	4	0.19	37	0.014	<1	0.86	0.003	0.03	0.1	0.03	0.7	<.1	<.05	2	<.5	<1	<1	2
FA-1 22+50W	558096	5468242	0.2	4.5	5.6	26	<.1	8	4.9	105	1.46	2.5	1.1	2.8	3.8	3	0.1	0.1	0.2	8	0.02	0.024	25	5	0.28	90	0.013	1	0.92	0.003	0.05	0.2	0.01	0.6	<.1	<.05	2	<.5	<1	<1	0.2
FA-1 22+00W	558152	5468230	0.3	5.6	7.2	34	<.1	8.5	5.2	111	1.68	3.1	0.8	9.5	6.2	2	0.1	0.1	0.3	9	0.02	0.029	19	6	0.27	78	0.009	<1	0.91	0.003	0.04	0.2	0.02	0.7	<.1	<.05	2	<.5	<1	<1	0.8
FA-1 21+50W	558202	5468227	0.3	5.5	5.3	32	<.1	8.9	5	119	1.57	2.4	0.9	3.2	4.7	2	0.1	0.1	0.2	8	0.03	0.046	25	6	0.28	61	0.012	<1	0.92	0.004	0.04	0.2	0.02	0.8	<.1	<.05	2	<.5	<1	<1	0.8
FA-1 21+00W	558249	5468222	0.3	12.7	9.1	38	<.1	11.5	7.7	201	1.78	4.6	0.9	17.3	6.5	3	0.1	0.2	0.3	7	0.03	0.04	21	7	0.32	59	0.011	<1	1.18	0.003	0.05	0.2	0.02	0.8	<.1	<.05	2	<.5	<1	<1	1.7
FA-1 20+50W	558292	5468207	0.4	7.4	7.3	30	<.1	8.6	5	101	1.7	3.7	0.8	30.2	5.9	3	0.1	0.2	0.3	10	0.03	0.028	18	6	0.27	66	0.019	<1	1.31	0.005	0.03	0.1	0.03	1	<.1	<.05	3	<.5	<1	<1	5.1
FA-1 20+00W	558340	5468196	0.4	9.6	12	37	<.1	9.4	6.5	193	1.88	5.2	0.9	3.5	6.9	4	0.1	0.2	0.4	13	0.04	0.04	22	7	0.31	68	0.025	<1	1.26	0.005	0.05	0.1	0.03	1	0.1	<.05	4	<.5	<1	<1	1
FA-1 19+50W	558393	5468173	0.3	7.6	7.9	54	<.1	10.7	6.5	150	1.99	4.8	0.9	3.1	7	3	0.1	0.2	0.3	13	0.02	0.045	22	8	0.3	48	0.019	<1	1.35	0.003	0.04	0.2	0.04	1.1	<.1	<.05	3	<.5	<1	<1	4.7
FA-1 19+00W	558428	5468149	0.5	7.8	10	44	<.1	8	6.2	313	2	4.3	1	33.5	6.4	3	0.1	0.2	0.4	17	0.02	0.105	19	8	0.24	61	0.031	1	2.26	0.007	0.05	0.2	0.05	1.5	0.1	<.05	5	<.5	<1	<1	6.5
FA-1 18+50W	558482	5468119	0.2	6.1	7.5	40	<.1	9.6	5.4	145	1.77	5.5	0.8	5.7	6.4	2	<.1	0.1	0.3	8	0.02	0.035	22	6	0.29	38	0.014	<1	0.85	0.003	0.03	0.2	0.02	0.7	<.1	<.05	2	<.5	<1	<1	3.2
FA-1 18+00W	558512	5468095	0.2	10.8	9.1	39	<.1	10.8	6.6	208	1.87	5.4	0.9	5.3	7.2	3	0.1	0.2	0.3	8	0.03	0.047	22	6	0.32	39	0.017	<1	0.94	0.004	0.04	0.2	0.02	0.9	<.1	<.05	2	<.5	<1	<1	1.9
FA-1 17+50W	558550	5468064	0.3	8.7	9.5	46	<.1	10.3	6.5	174	2.06	5.8	0.8	5.1	6.3	3	0.1	0.2	0.3	10	0.04	0.052	22	7	0.32	50	0.015	<1	1.13	0.003	0.04	0.1	0.02	0.8	0.1	<.05	2	<.5	<1	<1	1.2
FA-1 17+00W	558583	5468036	0.4	29.3	14.4	48	<.1	14	8.3	1001	1.84	5.1	2.8	2.2	1	13	0.2	0.2	0.4	11	0.15	0.063	22	9	0.37	197	0.012	1	1.68	0.008	0.09	0.2	0.04	1	0.1	<.05	4	<.5	<1	<1	0.2
FA-1 16+50W	558621	5468004	0.4	9	9.8	55	0.1	11.5	5.7	161	2.1	5.1	0.7	2.7	5.6	4	0.1	0.2	0.3	12	0.03	0.045	24	9	0.37	63	0.009	<1	1.46	0.003	0.06	0.2	0.03	0.9	0.1	<.05	3	<.5	<1	<1	1.5
FA-1 16+00W	558672	5467962	0.2	10.7	7.9	42	<.1	11.4	6.7	232	2	4.6	1.2	22.7	4.6	4	0.1	0.2	0.3	8	0.03	0.021	24	7	0.34	47	0.016	<1	0.94	0.004	0.05	0.2	0.02	0.7	<.1	<.05	3	<.5	<1	<1	0.2
FA-1 15+50W	558721	5467945	0.4	18	16	51	0.1	10	7.7	371	2.06	7	2.5	2.7	4.5	7	0.2	0.1	0.3	15	0.06	0.051	23	9	0.36	80	0.028	<1	1.96	0.009	0.06	0.2	0.05	1.3	0.1	<.05	5	<.5	<1	<1	1.4
FA-1 15+00W	558761	5467882	1.3	46	23.2	44	0.1	10.4	10.6	1335	2.07	6.2	4.8	4.4	2.3	9	0.2	0.2	0.4	20	0.09	0.044	18	9	0.26	108	0.047	1	1.74	0.009	0.04	0.4	0.07	1.3	0.1	<.05	7	<.5	<1	1	2.4
FA-1 14+50W	558795	5467867	0.6	14.4	10.5	52	0.1	7.8	7.8	326	1.79	4.8	1.2	3.4	2.6	5	0.1	0.1	0.3	23	0.04	0.096	14	9	0.23	69	0.033	<1	2.64	0.008	0.04	0.3	0.07	1.7	0.1	<.05	6	0.5	<1	<1	6.9
FA-1 14+00W	558822	5467841	0.4	11	9	57	<.1	10.5	6.7	237	1.78	2.8	0.9	1.6	3.5	5	0.1	0.1	0.3	13	0.04	0.029	16	8	0.36	100	0.009	<1	1.68	0.005	0.05	0.1	0.03	0.9	0.1	<.05	4	<.5	<1	<1	1.4
FA-1 13+50W	558854	5467795	0.5	19.6	13.7	70	<.1	11.1	7.8	268	2.05	6	1.1	2.6	6.1	3	0.1	0.2	0.3	15	0.03	0.066	19	9	0.36	68	0.019	1	2.03	0.005	0.05	0.1	0.05	1.5	0.1	<.05	4	<.5	<1	<1	6.5
FA-1 13+00W	558882	5467758	0.5	10.8	13.8	66	<.1	8.7	5.1	337	2.16	6.3	0.7	30.8	6.6	3	0.1	0.2	0.4	13	0.02	0.05	19	8	0.31	62	0.012	<1	1.55	0.003	0.05	0.2	0.03	0.8	0.1	<.05	4	<.5	<1	<1	3.9
FA-1 12+50W	558910	5467723	0.6	17.6	19.1	64	0.1	12.3	8.8	238	2.52	9.7	1.1	23.4	7.6	4	0.1	0.3	0.4	14	0.03	0.052	23	10	0.37	62	0.016	1	1.63	0.004	0.06	0.2	0.04	1.1	0.1	<.05	4	<.5	<1	<1	1.5
FA-1 12+00W	558941	5467670	0.8	21.3	15	63	<.1	10.9	6.8	174	2.55	10.8	1.2	4.9	6.6	4	0.1	0.2	0.4	14	0.03	0.035	23	10	0.39	63	0.016	<1	1.6	0.004	0.06	0.2	0.02	0.9	0.1	<.05	4	<.5	<1	<1	1.1
FA-1 11+50W	558966	5467636	1	19.4	18.5	55	<.1	11.3	6.3	173	2.54	11.5	1.4	3.4	7.6	3	0.1	0.3	0.5	12	0.02	0.041	21	9	0.38	46	0.014	<1	1.28	0.003	0.06	0.2	0.03	0.8	0.1	<.05	3	<.5	<1	<1	1.5
FA-1 11+00W	559019	5467594	0.9	25.3	28.4	56	<.1	13.9	9.7	384	2.27	10.6	1.7	1.1	10.3	3	0.1	0.3	0.5	9	0.02	0.029	24	9	0.4	44	0.016	<1	1.29	0.003	0.08	0.2	0.01	0.9	0.1	<.05	3	<.5	<1	<1	1.3
FA-1 10+50W	559041	5467571	0.9	21	43	62	<.1	14.1	8.7	181	2.53	10.5	1.2	10.9	11.2	3	0.1	0.3	0.6	9	0.01	0.033	26	9	0.38	49	0.014	1	1.6	0.003	0.07	0.2	0.02	1.1	0.1	<.05	3	<.5	<1	<1	3.1
FA-1 10+00W	559085	5467552	0.9	12.5	23.5	77	<.1	11.5	6.2	176	2.44	9.2	1	5.5	7.2	3	0.1	0.2	0.5	16	0.02	0.034	26	11	0.38	57	0.011	<1	1.9	0.004	0.08	0.2	0.04	1.2	0.1	<.05	4	<.5	<1	<1	3.6
FA-1 09+50W	559112	5467501	1.2	10.8	20.1	37	<.1	6.7	5.5	202	1.63	5.9	0.7	5.5	2.2	5	0.2	0.2	0.7	15	0.04	0.034	19	6	0.16	57	0.016	1	0.88	0.004	0.05	0.2	0.03	0.5	0.1	<.05	4	<.5	<1	<1	0.8
FA-1 09+00W	559136	5467453	0.9	14	24.1	64	<.1	9.1	5.9	223	2.22	7.5	0.9	2.7	3.9	4	0.1	0.3	0.4	17	0.03	0.036	20	8	0.28	52	0.017	<1	1.62	0.005	0.07	0.1	0.04	0.9	0.1	<.05	4	<.5	<1	<1	1.2
FA-1 08+50W	559164	5467416	1.2	20.1	29.1	57	0.1	10.2	5.9	186	2.27	9	1.2	4.4	6.4	5	0.2	0.4	0.5	15	0.04	0.036	20	8	0.24	51	0.033	1	1.52	0.006	0.09	0.1	0.03	1.1	0.1	<.05	4	<.5	<1	<1	2.6
FA-1 08+00W	559213	5467384	1.2	16.2	17.6	65	0.1	8.1	5.6	122	2.28	7.2	0.9	1.6	4.7	3	0.1	0.3	0.4	17	0.02	0.025	20	7	0.23	59	0.027	<1	1.65	0.006	0.08	0.1	0.02	1.4	0.1	<.05	4	<.5	<1	<1	3.1
FA-1 07+50W	559264	5467399	1.3	29.2	43.8	65	<.1	16.1	8.1	186	2.27	9.5	1.3	4	10.6	2	0.1	0.5	0.5	10	0.01	0.029	23	8	0.26	71	0.016	1	1.73	0.004	0.16	0.2	0.03	1.2	0.2	<.05	3	<.5	<1	<1	4.8
FA-1 07+00W	559306	5467420	1.3	23.5	35.8	47	<.1	13.5	6.6	137	2	8.7	1	2.9	9.5	2	0.2	0.4	0.4	8	0.01	0.023	20	7	0.23	43	0.017	1	1.23	0.003	0.12	0.1	0.03	0.8	0.2	<.05	2	<.5	<1	<1	2.1
FA-1 06+50W	559352	5467444	1.3	18.1	28.7	48	0.1	10.6	6	253	2.13	8.3	1	2.3	6.3	3	0.1	0.3	0.5	16	0.03	0.038	20	8	0.19	63	0.029	1	1.76	0.005	0.12	0.1	0.06	1.2	0.2	<.05	5	<.5	<1	<1	4.1
FA-1 06+00W	559400	5467417	1.3	24.1	33.7	55	<.1	13	7.9	268	2.09	9.7	1.2	3.3	10.3	3	0.2	0.3	0.4	10	0.02	0.032	23	7	0.24	66	0.027	1	1.53	0.005	0.18	0.1	0.03	1.1	0.2	<.05	3	<.5	<1	<1	2.7
FA-1 05+50W	559451	5467411	1.3	25.4	36.5	54	<.1	13.7	7.1	156	2.1	9.8	1.1	3.8	9.8	2	0.1	0.3	0.5	9	0.01	0.029	21	7	0.23	63	0.019	1	1.42	0.003	0.17	0.1	0.02	1.1	0.2	<.05	3	0.5	<1	<1	2.3
FA-1 05+00W	559503	5467418	1.3	18.1	36.7	68	0.2	11.7	9.4	691	1.98	6.9	1.2	5.7	3.8	9	0.3	0.4	0.5	15	0.11	0.045	19	7	0.2	83	0.022	1	1.47	0.006	0.14	0.1	0.05	1	0.2	<.05	4	<.5	<1	<1	1.2
FA-1 04+50W	559539	5467442	1.5	25.1	45.3	74	<.1	18.5	9.5	215	2.38	10.2	1.2	3.5	10.1	2	<.1	0.4	0.5	10	0.01	0.03	27	9	0.25	115	0.02	1	1.76	0.004	0.22	0.1	0.02	1.4	0.2	<.05	3	<.5	<1	<1	2.1
FA-1 04+00W	559602	5467424	0.8	15.3	15.3	34	0.4	5.6	5.2	201	1.72	3.6	1.1	1.7	3.2	4	0.2	0.2	0.3	25	0.03	0.039	11	7	0.12	45	0.087	1	3.71	0.015	0.04	0.2	0.09	2.9	0.1	0.06	8	0.6	<1	1	39.7
FA-1 03+50W	559639	5467431	1.1	15	19.8	46	0.3	9.3	6	99	1.99	5.6	1.1	1.5	5.7	3	0.1	0.2	0.6	16	0.02	0.043	15	7	0.23	45	0.041	<1	2.38	0.009	0.05	0.2	0.05	2	0.1	<.05	5	0.6	<1	<1	21.7
FA-1 03+00W	559673	5467490	1	12	18	51	0.2	10.4	5.2	99	2.2	4.5	0.8	2.3	5.6	3	0.1	0.2	0.5	21	0.02	0.035	20	11	0.32	54	0.025	<1	1.95	0.005	0.05	0.2	0.05	1.7	0.1	<.05	5	<.5	<1	<1	9.8
FA-1 02+50W	559711	5467532	0.8	11.3	23.6	37	0.3	6	2.9	266	1.97	4	0.7	1	3.1	7	0.2	0.3	0.5	26	0.07	0.051	11	8	0.14	54	0.057	1	2.55	0.01	0.04	0.1	0.1	1.4	0.1	<.05	8	<.5	<1	1	11.7
FA-1 02+00W	559754	5467509	1.1	17.1	29.4	53	<.1	12.9	6.2	143	2.16	7	0.9	0.9	6.8	3	0.1	0.2	0.8	13	0.02	0.029	22	8	0.27	54	0.022	1	1.54	0.004	0.06	0.1	0.03	1.2	0.1	<.05	4	<.5	<1	<1	2.7
FA-1 01+50W	559788	5467472	1.1	15.1	25.7	60	0.1	11.3	6.4	143	2.14	5.8	0.9	0.9	6.6	3	0.1	0.2	0.6	15	0.02	0.031	20	8	0.24	60	0.022	<1	1.78	0.004	0.07	0.1	0.04	1.4	0.1	<.05	4	<.5	<1	<1	5.6
FA-1 01+00W	559826	5467441	1.1	18.2	30.5	57	0.1	12.4	6.8	187	2.16	6.1	1.2	1.8	6.9	4	0.1	0.3	0.9	18	0.02	0.041	21	10	0.31	52	0.027	<1	1.85	0.005	0.07	0.1	0.04	1.5	0.1	<.05	4	<.5	<1	<1	4.6
FA-1 00+50W	559867	5467413	1.3	16.7	31	72	0.1	13.1	7.3	206	2.33	7.9	1.1	1	6.9	4	0.2	0.2	1.1	15	0.02	0.036	21	10	0.31	50	0.019	<1	1.79	0.004	0.05	0.1	0.03	1.3	0.1	<.05	4	<.5	<1	<1	3.9
FA-1 00+00	559897	5467372	1.6	18.8	35.3	73	0.3	12.1	7	171	2.6	8.8	1.3	3.9	7.2	4	0.1	0.3	0.9	18	0.03	0.053	19	10	0.26	54	0.019	<1	2.13	0.005	0.06	0.2	0.07	1.5	0.1	<.05	4	0.5	<1	<1	6.3
FA-2 00+00	556490	5467525	0.6	9.9	9.6	37	<.1	8.1	4.7	143	1.87	2.7	1.2	0.9	4.4	8	0.2	0.1	0.2	25	0.06	0.122	7	8	0.29	123	0.102	1	4.08	0.016	0.04	0.3	0.07	1.7	0.1	0.06	9	0.5	<1	1	27.1
FA-2 00+50S	556491	5467493	0.4	10.4	8.3	45	<.1	9.2	4.6	574	1.63	2	1.1	1.1	1.8	5	0.2	0.1	0.3	21	0.04	0.133	12	8	0.37	99	0.057	1	2.63	0.011	0.04	0.1	0.05	1.4	0.1	<.05	7	<.5	<1	1	4.6
FA-2 01+00S	556500	5467440	0.6	12.7	9.1	44	0.2	8.1	4.9	394	1.71	2.5	1.2	2.3	3.7	5	0.2	0.2	0.3	20	0.05	0.17	7	7	0.32	144	0.062	1	2.75	0.01	0.04	0.2	0.06	1.4	0.1	<.05	7	<.5	<1	1	12.9
FA-2 01+50S	556520	5467426	0.6	10.2	8.9	66	0.2	9.5	5.7	222	2	2.7	0.9	2.1	3.8	11	0.2	0.2	0.2	25	0.11	0.198	4	7	0.17	171	0.095	2	3.78	0.011	0.03	0.3	0.11	1.5	0.1	<.05	8	<.5	<1	1	36.3
FA-2 02+00S	556544	5467389	0.4	34.2	5.4	49	<.1	10.5	6.6	171	1.53	2.3	0.8	2.5	4.3	3	0.2	0.2	0.2	13	0.03	0.062	15	8	0.55	84	0.016	1	1.42	0.003	0.03	0.1	0.02	1.1	0.1	<.05	3	<.5	<1	<1	2.8
FA-2 02+50S	556580	5467309	0.4	10	6.4	33	<.1	13.1	8.4	181	1.73	2.8	2.3	1.9	5.8	5	0.1	0.2	0.2	13	0.04	0.053	16	8	0.65	175	0.032	1	2.07	0.006	0.05	0.1	0.04	1.2	0.1	<.05	5	<.5	<1	<1	3.9
FA-2 03+00S	556610	5467261	0.2	5.6	5	24	<.1	7.4	4	78	1.25	1.7	0.6	1.4	4	3	<.1	0.1	0.2	8	0.01	0.023	27	5	0.44	67	0.011	<1	1.02	0.003	0.04	0.1	0.02	0.7	<.1	<.05	2	<.5	<1	<1	0.6
FA-2 03+50S	556633	5467218	0.2	3.9	3.4	24	<.1	8.5	5.3	122	1.12	1.8	1.2	2.6	3.1	6	0.1	0.2	0.1	7	0.05	0.041	13	7	1.02	71	0.009	1	1.24	0.003	0.03	0.1	0.02	0.7	<.1	<.05	3	<.5	<1	<1	0.4
FA-2 04+00S	556653	5467171	0.6	8.5	7.1	30	<.1	8.1	4.7	400	0.91	0.9	3.2	2.4	1.6	24	0.1	0.1	0.1	6	0.23	0.044	14	6	0.51	98	0.011	1	0.96	0.006	0.05	0.1	0.05	0.6	0.1	<.05	2	<.5	<1	<1	0.7
FA-2 04+50S	556663	5467132	0.7	11.8	10.6	42	<.1	9.4	8.2	635	1.38	3	1.8	2.2	1.5	16	0.2	0.2	0.2	10	0.26	0.048	15	6	0.43	129	0.021	1	1.09	0.006	0.05	0.1	0.05	0.7	0.1	<.05	3	<.5	<1	<1	1.1
FA-2 05+00S	556692	5467082	0.6	16.1	10.3	25	0.1	7.2	5.5	240	1.47	3.4	5.2	1.1	1	9	0.1	0.1	0.2	11	0.12	0.054	17	6	0.32	97	0.032	1	1.44	0.008	0.04	0.1	0.05	0.9	0.1	<.05	5	<.5	<1	1	3.2
FA-2 05+50S	556738	5467028	1.3	26.1	11.2	35	0.1	12.6	8.2	246	1.73	5.5	14.4	6.4	3.7	10	0.1	0.2	0.3	13	0.17	0.052	22	9	0.63	228	0.021	1	1.85	0.007	0.08	0.1	0.04	1.8	0.1	<.05	5	<.5	<1	<1	4.1
FA-2 06+00S	556774	5466996	1.1	42.5	14.2	27	0.2	13.5	5.8	142	1.94	7.7	51	5.3	1.5	23	0.2	0.3	0.4	15	0.39	0.115	22	10	0.31	342	0.057	1	4.07	0.016	0.06	0.1	0.13	2	0.1	<.05	7	1.1	<1	1	7.9
FA-2 06+50S	556796	5466967	2.3	72	20.1	61	0.3	15.4	13.1	4412	2.36	9.5	14.8	3.2	2.3	20	0.5	0.4	0.6	21	0.29	0.123	45	12	0.42	342	0.037	1	2.88	0.012	0.08	0.2	0.09	2.4	0.2	<.05	9	0.7	<1	1	4.6
FA-2 07+00S	556821	5466933	0.8	10.4	6.3	40	<.1	9.3	7.9	272	1.82	4	1.4	1.2	2.3	4	0.1	0.2	0.3	12	0.03	0.076	13	6	0.36	104	0.018	1	1.58	0.004	0.04	0.1	0.04	1	0.1	<.05	4	<.5	<1	<1	2.2
FA-2 07+50S	556845	5466890	0.8	11.5	7.8	42	<.1	11.7	8.3	272	1.95	3.6	1.7	2.1	3.2	9	0.2	0.2	0.3	13	0.09	0.065	15	8	0.47	155	0.024	<1	1.49	0.005	0.05	0.1	0.04	0.9	0.1	<.05	5	<.5	<1	<1	2.1
FA-2 08+00S	556877	5466850	0.5	9.5	9.2	50	<.1	8.5	7.4	484	1.79	3.5	0.8	1.8	2.3	7	0.2	0.2	0.3	16	0.06	0.13	12	7	0.31	152	0.031	1	1.64	0.006	0.04	0.1	0.03	1	0.1	<.05	5	<.5	<1	<1	2.9
FA-2 08+50S	556899	5466801	0.6	9.8	6.9	30	<.1	10.4	12.5	528	1.51	4	1.8	1.1	3	6	0.1	0.2	0.3	6	0.11	0.057	16	5	0.41	98	0.011	1	0.95	0.004	0.04	0.1	0.03	0.9	<.1	<.05	2	<.5	<1	<1	0.8
FA-2 09+00S	556931	5466761	1	16.2	10.4	47	<.1	11.6	11.6	425	1.67	3.9	1.8	3.8	3.8	7	0.2	0.2	0.3	15	0.08	0.065	15	7	0.36	201	0.028	1	1.98	0.007	0.05	0.2	0.04	1.4	0.1	<.05	5	<.5	<1	<1	4.3
FA-2 09+50S	556961	5466722	0.4	5.4	4.8	32	<.1	6.8	4.7	143	1.37	2.6	0.8	6.9	3.1	6	0.1	0.2	0.2	9	0.08	0.04	17	4	0.29	151	0.015	<1	1.1	0.004	0.04	0.1	0.02	0.9	<.1	<.05	3	<.5	<1	<1	1.8
FA-2 10+00S	556990	5466679	0.4	7.3	7.6	39	<.1	9	6.4	227	1.54	3.4	1.9	6.7	4.7	4	0.1	0.2	0.2	10	0.04	0.058	18	6	0.3	156	0.024	<1	1.41	0.004	0.04	0.2	0.04	1.2	<.1	<.05	4	<.5	<1	<1	4.1

FA-2 10+50S	557019	5466640	1.6	42.9	21.3	60	0.5	18.8	10.8	2103	2.84	10.6	31.2	1.1	3.3	30	0.7	0.4	0.6	27	0.52	0.085	29	15	0.41	992	0.051	1	3.42	0.016	0.09	0.2	0.07	2.5	0.1	<.05	12	0.8	<1	1	6.3
FA-2 11+00S	557057	5466604	0.2	8.5	6.2	45	<.1	7.1	4.7	238	1.41	2.7	1	14	2.3	7	0.2	0.1	0.2	16	0.05	0.065	18	6	0.25	249	0.026	<1	1.71	0.009	0.04	0.1	0.03	1.3	0.1	<.05	4	<.5	<1	<1	2.9
FA-2 11+50S	557080	5466560	0.7	7.7	7.6	37	<.1	7.2	5	124	1.79	3.7	0.9	2.6	3.8	5	0.1	0.2	0.2	13	0.03	0.109	15	7	0.23	166	0.032	<1	2	0.007	0.04	0.2	0.04	1.2	<.1	<.05	5	<.5	<1	<1	7.4
FA-2 12+00S	557098	5466513	0.7	12.9	8.5	35	<.1	5.9	5	284	1.67	3.7	1.9	7.6	2.7	10	0.2	0.1	0.2	21	0.12	0.073	9	6	0.14	176	0.105	1	3.79	0.018	0.03	0.2	0.08	2	0.1	<.05	9	0.5	<1	1	31.8
FA-2 12+50S	557093	5466459	0.9	17.1	18.1	64	<.1	10.2	7.9	326	1.95	8.5	5.3	10.5	3	13	0.2	0.3	0.3	14	0.16	0.049	15	8	0.37	156	0.039	1	1.63	0.007	0.1	0.2	0.05	1.2	0.1	<.05	4	0.6	<1	<1	4.1
FA-2 13+00S	557078	5466408	1.3	19.6	28.1	75	0.1	15	14.6	704	2.06	9.3	6	0.8	2.1	22	0.6	0.4	0.4	14	0.27	0.061	38	9	0.36	94	0.022	<1	1.65	0.008	0.09	0.2	0.05	1.1	0.2	<.05	4	0.5	<1	<1	1
FA-2 13+50S	557080	5466355	1	15.9	15.1	52	<.1	8	4.8	308	2.09	6.4	1.3	1.5	3.9	4	0.1	0.2	0.3	24	0.04	0.084	11	9	0.26	62	0.053	1	3.06	0.009	0.05	0.2	0.08	2	0.1	<.05	7	0.6	<1	1	18.6
FA-2 14+00S	557103	5466307	1	15.8	15.1	63	0.1	11.8	5.8	310	2.27	8.8	1	0.7	5.2	4	0.1	0.3	0.3	20	0.03	0.077	10	12	0.29	67	0.039	1	3.3	0.008	0.05	0.2	0.08	1.8	0.1	<.05	6	0.5	<1	<1	22.4
FA-2 14+50S	557120	5466265	0.9	16.1	16	69	<.1	11.8	6.6	324	2.33	8.3	1	2.7	5.9	3	0.1	0.3	0.3	18	0.03	0.06	16	11	0.4	76	0.032	<1	2.04	0.005	0.07	0.2	0.05	1.5	0.1	<.05	5	<.5	<1	<1	6.6
FA-2 15+00S	557159	5466228	0.6	10.5	10.6	53	<.1	10	6.2	169	2.02	5.6	0.8	17.7	4.9	3	0.1	0.3	0.3	14	0.02	0.038	17	8	0.29	62	0.026	<1	1.53	0.004	0.04	0.2	0.02	1.2	0.1	<.05	4	<.5	<1	<1	5.5
FA-2 15+50S	557179	5466194	1.1	15.1	14.7	105	0.1	16.3	9.1	255	2.64	5.9	1	7.5	5.5	7	0.2	0.3	0.4	31	0.05	0.056	17	15	0.4	126	0.033	1	2.6	0.007	0.06	0.2	0.05	2.5	0.1	<.05	6	0.5	<1	1	14.1
FA-2 16+00S	557180	5466144	0.7	16.3	15	48	<.1	13.5	8.7	286	1.84	7	1.7	3.7	8.4	3	<.1	0.3	0.3	10	0.03	0.028	24	8	0.43	49	0.03	<1	1.14	0.004	0.09	0.1	0.02	1	0.1	<.05	3	<.5	<1	<1	2.1
FA-2 16+50S	557190	5466081	0.8	14.1	15.6	49	<.1	13	8.4	236	1.81	6.1	1.1	<.5	7.1	4	0.1	0.3	0.3	12	0.03	0.023	23	8	0.36	59	0.025	1	1.3	0.005	0.06	0.1	0.04	1	0.1	<.05	3	<.5	<1	<1	2.5
FA-2 17+00S	557208	5466048	0.6	14.6	12.3	53	<.1	14.3	8	191	2	7.3	1.1	1.6	7	4	<.1	0.2	0.4	11	0.03	0.032	28	9	0.48	49	0.024	1	1.35	0.004	0.09	0.1	0.03	1.1	0.1	<.05	3	<.5	<1	<1	2
FA-2 17+50S	557217	5466023	1.1	14	17.5	60	<.1	14.7	8.7	269	2.28	8	1.4	8.3	5.9	7	<.1	0.3	0.4	16	0.08	0.026	23	11	0.58	56	0.041	1	1.42	0.006	0.13	0.1	0.03	1.2	0.2	<.05	4	<.5	<1	<1	0.6
FA-2 18+00S	557220	5465944	0.7	13.5	11	49	<.1	14.6	6.9	186	2.11	9.1	1.1	3.7	6.4	4	<.1	0.3	0.4	11	0.05	0.038	26	9	0.47	38	0.023	<1	1.18	0.004	0.08	0.1	0.02	1	0.1	<.05	3	<.5	<1	<1	0.5
FA-2 18+50S	557215	5465889	0.6	17.4	14.5	46	<.1	13.1	10	337	1.73	7.2	1.4	7.1	10.6	3	0.1	0.3	0.3	9	0.04	0.024	28	7	0.45	41	0.024	<1	0.88	0.003	0.08	0.1	<.01	1	0.1	<.05	2	<.5	<1	<1	1.6
FA-2 19+00S	557231	5465848	0.8	20.3	20.9	61	<.1	19	11.1	304	2.06	10.5	1.5	2.4	9.2	3	0.1	0.4	0.3	11	0.04	0.039	22	9	0.51	47	0.044	<1	1.3	0.004	0.14	0.1	0.01	1.1	0.2	<.05	3	<.5	<1	<1	1
FA-2 19+50S	557244	5465795	0.7	19.5	19.9	61	<.1	17.5	7.4	282	2.27	9.1	1.7	1.9	7	4	0.1	0.4	0.4	15	0.04	0.068	23	12	0.61	89	0.04	<1	1.74	0.004	0.17	0.1	0.03	1.3	0.2	<.05	4	0.5	<1	<1	0.6
FA-2 20+00S	557240	5465743	0.6	13	16.2	60	<.1	11.9	10.4	330	2.14	7.5	1.1	2.9	7.2	4	0.1	0.3	0.4	17	0.04	0.074	19	10	0.42	69	0.046	<1	1.77	0.005	0.08	0.2	0.04	1.4	0.1	<.05	5	<.5	<1	<1	2.5
FA-2 20+50S	557246	5465696	0.4	9.2	10.3	43	<.1	12.2	7	172	1.74	6.5	0.9	2.5	8.8	3	0.1	0.2	0.3	10	0.04	0.059	23	8	0.54	34	0.027	<1	1.22	0.003	0.06	0.1	0.02	1	0.1	<.05	3	<.5	<1	<1	2
FA-2 21+00S	557236	5465647	0.5	10.6	10.1	38	<.1	12.8	6.9	194	1.59	4.6	0.9	3.4	7.6	3	0.1	0.2	0.3	9	0.03	0.038	21	7	0.45	43	0.017	<1	1.17	0.003	0.05	0.1	0.02	0.8	0.1	<.05	3	<.5	<1	<1	1.4
FA-2 21+50S	557237	5465572	0.4	9.1	8.7	39	<.1	13.3	7.5	265	1.55	4.1	0.9	0.6	7	3	0.1	0.2	0.2	10	0.04	0.054	22	7	0.51	43	0.019	<1	1.24	0.003	0.06	0.1	0.03	0.9	0.1	<.05	3	<.5	<1	<1	0.9
FA-2 22+00S	557217	5465525	0.2	7.3	7.2	33	<.1	14.6	8.5	238	1.46	4.2	0.8	1.4	7.4	2	0.1	0.2	0.2	7	0.06	0.066	21	7	0.62	25	0.013	<1	1.06	0.003	0.05	0.1	0.01	0.7	<.1	<.05	2	<.5	<1	<1	0.7
FA-2 22+50S	557197	5465485	0.3	7.5	6.8	31	<.1	10.7	5.8	210	1.43	3.7	0.8	2.5	7.7	2	<.1	0.1	0.3	7	0.04	0.047	23	6	0.49	23	0.013	<1	0.83	0.002	0.04	0.1	0.01	0.6	<.1	<.05	2	<.5	<1	<1	0.5
FA-2 23+00S	557193	5465414	0.4	6.8	6.6	43	<.1	11.7	6.5	295	1.57	3.9	1	2.1	4.8	3	0.1	0.2	0.3	8	0.04	0.085	19	6	0.53	46	0.01	<1	1.33	0.004	0.05	0.1	0.04	0.7	0.1	<.05	3	<.5	<1	<1	0.9
FA-2 23+50S	557167	5465376	0.7	21.2	15.6	54	<.1	19.2	7.6	216	1.98	9	1.7	1.7	6.7	4	0.1	0.3	0.4	9	0.03	0.056	25	10	0.58	65	0.014	<1	1.55	0.004	0.09	0.1	0.04	1.1	0.1	<.05	3	0.6	<1	<1	0.5
FA-2 24+00S	557160	5465341	0.5	5.2	6.6	31	<.1	9	4.4	129	1.62	3.2	0.6	3.1	4.2	2	0.1	0.2	0.2	13	0.02	0.037	21	7	0.5	37	0.018	<1	1.34	0.004	0.04	0.1	0.04	0.9	0.1	<.05	4	<.5	<1	<1	0.6
FA-2 24+50S	557132	5465301	0.7	7.4	7.7	38	<.1	9.5	4.8	140	1.76	4.8	0.7	4	5.8	2	<.1	0.2	0.2	13	0.02	0.051	22	9	0.51	45	0.017	<1	1.39	0.003	0.06	0.2	0.03	1	0.1	<.05	3	<.5	<1	<1	1.1
FA-2 25+00S	557110	5465261	0.4	6.3	6.6	32	<.1	9.1	4.2	106	1.47	4	0.7	1.1	5.6	2	<.1	0.2	0.2	8	0.01	0.026	20	7	0.51	32	0.015	<1	1.13	0.002	0.04	0.1	0.03	0.8	0.1	<.05	2	<.5	<1	<1	0.8
FA-2 25+50S	557085	5465215	0.8	11.4	12	53	<.1	9.9	5.6	192	1.97	6.9	0.9	7	4.5	3	0.1	0.3	0.3	14	0.02	0.05	18	9	0.39	40	0.02	1	1.57	0.004	0.06	0.1	0.05	1	0.1	<.05	4	<.5	<1	<1	1.2
FA-2 26+00S	557069	5465179	0.9	21.2	8.2	51	<.1	12.5	6.2	128	1.7	5.2	1.1	87.5	3.9	3	0.1	0.2	0.3	10	0.03	0.035	23	7	0.43	52	0.014	<1	1.45	0.004	0.06	0.1	0.04	0.9	0.1	<.05	3	<.5	<1	<1	0.6
FA-2 26+50S	557024	5465126	0.7	11.9	8.6	33	<.1	11.8	7.4	179	1.33	9	1.5	<.5	8	2	<.1	0.2	0.3	5	0.03	0.037	22	7	0.4	39	0.012	1	1.13	0.003	0.05	0.1	0.02	1	0.1	<.05	2	<.5	<1	<1	0.9
FA-2 27+00S	556994	5465103	0.7	8.6	10.1	27	<.1	8	6.6	153	1.45	6.3	0.8	1.6	5.6	3	0.2	0.2	0.3	7	0.03	0.027	11	6	0.29	34	0.014	1	1.19	0.006	0.04	0.1	0.04	1	<.1	<.05	2	<.5	<1	<1	2.8
FA-2 27+50S	556957	5465060	1	17.7	23.5	61	<.1	14.8	8.8	243	2.01	11.8	1.2	5.9	6.9	4	0.1	0.4	0.3	12	0.04	0.031	22	8	0.41	50	0.031	1	1.25	0.005	0.08	0.2	0.02	1	0.1	<.05	3	<.5	<1	<1	0.9
FA-2 28+00S	556943	5465023	1	12.5	20.9	58	<.1	14.3	9.3	246	1.92	11.9	0.9	5.2	6.7	2	0.1	0.4	0.3	10	0.03	0.035	23	8	0.46	43	0.023	<1	1.18	0.003	0.08	0.2	0.02	0.9	0.1	<.05	3	<.5	<1	<1	0.6
FA-2 28+50S	556909	5464991	0.7	12.6	17.1	56	<.1	19	14	298	2.06	12.3	1	5.8	7.2	3	0.1	0.3	0.5	8	0.03	0.026	22	7	0.45	32	0.013	<1	1.05	0.003	0.07	0.1	0.02	0.9	0.1	<.05	2	<.5	<1	<1	0.6
FA-2 29+00S	556879	5464939	1.1	18.2	24.1	103	0.1	24.7	21.7	478	2.74	16.8	2.4	6.8	4.9	10	0.2	0.4	0.6	15	0.1	0.055	26	12	0.53	60	0.031	1	2.21	0.007	0.1	0.1	0.03	1.5	0.2	<.05	4	0.6	<1	<1	1.9
FA-2 29+50S	556859	5464919	1.5	20.8	30.7	68	<.1	16	12	314	2.53	20.3	1.2	20.5	6.5	4	0.1	0.6	0.5	7	0.03	0.057	19	7	0.32	36	0.022	1	1.18	0.003	0.11	0.7	0.02	0.8	0.2	<.05	2	<.5	<1	<1	0.6
FA-2 30+00S	556832	5464867	1.5	21.7	32.8	99	0.1	13.6	7.8	246	2.96	25.5	1.2	3.4	4.9	5	0.1	0.7	0.6	11	0.04	0.08	23	9	0.33	58	0.015	<1	1.52	0.004	0.13	0.3	0.04	0.9	0.2	<.05	3	<.5	<1	<1	0.5
FA-2 30+50S	556810	5464813	1.5	27.2	41.9	172	<.1	33.6	15.6	279	3.06	34.6	2.1	4.8	6.3	8	0.1	0.6	0.7	11	0.06	0.033	40	9	0.34	43	0.026	<1	1.53	0.005	0.15	0.1	0.02	1.4	0.2	<.05	3	0.7	<1	<1	0.6
FA-2 31+00S	556784	5464778	1.7	22.9	35.5	78	0.1	14.4	7.1	263	2.75	28.6	0.9	5.9	8.6	5	0.1	0.5	0.5	14	0.04	0.046	19	13	0.55	67	0.052	1	1.97	0.005	0.21	0.1	0.04	1.5	0.3	<.05	4	<.5	<1	<1	2
FA-2 31+50S	556745	5464750	1.7	28.5	37.5	83	<.1	19.4	9.4	248	2.89	31.6	1.4	4.7	9.1	5	0.1	0.7	0.6	14	0.04	0.046	29	13	0.58	60	0.051	1	1.79	0.005	0.19	0.1	0.03	1.6	0.2	<.05	4	0.6	<1	<1	1.1
FA-2 32+00S	556715	5464705	1.2	26.1	30.7	79	<.1	21.2	19.4	399	2.62	28.1	1.4	6	10.8	5	0.1	0.7	0.5	11	0.05	0.039	30	10	0.59	48	0.037	<1	1.33	0.004	0.15	0.1	0.01	1.4	0.2	<.05	3	<.5	<1	<1	1
FA-2 32+50S	556661	5464667	1.4	23.5	33.2	64	<.1	17.3	21	410	2.73	40.1	1.4	18.2	8.7	5	0.2	0.6	0.6	10	0.05	0.049	26	9	0.5	37	0.026	<1	1.32	0.004	0.1	0.1	0.03	1.2	0.1	<.05	3	<.5	<1	<1	1
FA-2 33+00S	556625	5464634	1	14.9	9	40	<.1	10	6.7	146	2.05	10.9	0.7	11.5	3.1	3	0.1	0.4	0.3	10	0.02	0.024	22	7	0.45	24	0.016	<1	1.07	0.003	0.06	0.1	0.02	0.7	0.1	<.05	3	<.5	<1	<1	0.1
FA-2 33+50S	556579	5464617	1.1	17.3	11.3	43	<.1	12.9	9.3	212	2.09	9	0.8	5.9	4	4	0.1	0.4	0.4	14	0.03	0.036	24	8	0.51	35	0.019	<1	1.33	0.004	0.07	0.1	0.04	0.9	0.1	<.05	4	<.5	<1	<1	0.4
FA-26 00+00	557138	5465350	0.3	13.2	8.4	42	<.1	13.9	7.5	288	1.55	4.4	1.1	1.8	4.5	4	0.1	0.2	0.3	8	0.06	0.07	21	7	0.44	38	0.02	1	1.24	0.004	0.05	0.1	0.03	0.8	0.1	<.05	3	<.5	<1	<1	0.4
FA-26 00+50E	557176	5465440	0.4	5.5	7	33	<.1	10.7	6.2	225	1.49	3.3	0.7	0.6	5.6	2	0.1	0.2	0.3	9	0.03	0.067	14	7	0.44	43	0.014	1	1.43	0.003	0.03	0.1	0.04	0.7	<.1	<.05	3	<.5	<1	<1	1.5
FA-26 01+00E	557220	5465495	0.3	4.7	5.3	32	<.1	8.5	4.6	148	1.44	2.3	0.7	0.5	3	2	0.1	0.2	0.3	9	0.02	0.036	18	6	0.41	32	0.014	<1	1.07	0.003	0.03	0.1	0.04	0.6	<.1	<.05	3	<.5	<1	<1	0.2
FA-26 01+50E	557251	5465536	0.3	4.2	5.9	31	<.1	10.2	6.1	181	1.26	4.4	0.7	1.4	6.6	2	0.1	0.2	0.2	6	0.05	0.065	17	7	0.69	23	0.013	<1	1.14	0.003	0.04	0.1	0.02	0.6	<.1	<.05	2	<.5	<1	<1	0.9
FA-26 02+00E	557280	5465576	0.5	5.3	9.1	36	<.1	8.4	4.7	301	1.72	3.5	0.8	1.4	5.4	2	0.1	0.2	0.3	14	0.02	0.081	16	7	0.35	42	0.021	1	1.45	0.004	0.04	0.1	0.05	0.8	0.1	<.05	4	<.5	<1	<1	1.7
FA-26 02+50E	557288	5465608	0.5	8.3	8.9	33	<.1	8.6	4.6	139	1.62	4.1	0.9	3.4	7.1	3	0.1	0.2	0.3	13	0.04	0.046	16	7	0.42	36	0.035	1	1.53	0.005	0.04	0.1	0.04	1.1	0.1	<.05	4	<.5	<1	<1	3
FA-26 03+00E	557315	5465647	0.4	8.6	10.4	42	<.1	11.5	7.9	201	1.58	4.1	1	8.7	8.9	2	0.1	0.2	0.3	7	0.01	0.024	20	7	0.37	36	0.015	1	1.29	0.002	0.04	0.1	0.03	0.9	0.1	<.05	2	<.5	<1	<1	3.2
FA-26 03+50E	557335	5465697	0.4	10.3	9.3	35	<.1	9.9	5.2	113	1.55	6.7	1.1	1.3	7.5	2	0.1	0.2	0.3	6	0.02	0.033	21	6	0.31	32	0.019	<1	0.94	0.002	0.03	0.1	0.03	0.8	0.1	<.05	2	<.5	<1	<1	0.8
FA-26 04+00E	557358	5465750	0.6	8.1	9.7	50	<.1	9.3	4.9	106	1.83	5.6	0.7	1.7	5.5	3	<.1	0.2	0.3	16	0.02	0.026	17	9	0.3	57	0.03	<1	1.5	0.004	0.05	0.1	0.02	1.1	0.1	<.05	4	<.5	<1	<1	4.1
FA-26 04+50E	557363	5465814	0.5	10.4	13.8	38	<.1	9.2	4.8	141	1.76	5.6	1.1	2.7	8.1	2	0.1	0.2	0.3	6	0.02	0.023	22	7	0.37	36	0.019	<1	1	0.003	0.06	0.1	0.02	0.7	0.1	<.05	2	<.5	<1	<1	0.5
FA-26 05+00E	557421	5465827	0.6	12.5	11.5	52	<.1	13.4	6.5	184	1.77	5.4	1	2	8.2	2	0.1	0.2	0.3	10	0.02	0.036	22	8	0.4	52	0.016	<1	1.46	0.004	0.07	0.1	0.03	1.1	0.1	<.05	3	<.5	<1	<1	2.3
FA-26 05+50E	557463	5465830	0.3	8.9	9	37	<.1	10.5	5.5	235	1.47	3.5	1.3	1.8	8.4	3	<.1	0.2	0.3	5	0.06	0.053	25	5	0.32	32	0.014	<1	0.76	0.003	0.05	0.1	0.01	0.5	<.1	<.05	2	<.5	<1	<1	0.3
FA-26 06+00E	557501	5465830	1	13.4	10.6	46	<.1	9.6	5.2	170	1.98	6.5	1.4	4.8	1.5	3	0.1	0.2	0.3	13	0.03	0.049	20	9	0.35	43	0.016	<1	1.43	0.004	0.06	0.1	0.03	0.7	0.1	<.05	4	<.5	<1	<1	0.2
FA-26 06+50E	557554	5465829	0.8	8.7	8.9	38	<.1	8.7	5.9	234	1.51	3.8	1.3	4.3	3.8	4	0.1	0.2	0.2	7	0.05	0.019	17	7	0.36	29	0.022	1	0.86	0.004	0.06	0.1	0.01	0.6	0.1	<.05	2	<.5	<1	<1	0.2
FA-26 07+00E	557609	5465830	0.9	19.5	19.8	73	<.1	14.1	11.8	515	1.96	8.7	1.5	8.8	7.4	8	0.1	0.3	0.3	10	0.15	0.032	21	8	0.41	67	0.025	<1	1.11	0.003	0.1	0.1	0.02	1	0.1	<.05	3	<.5	<1	<1	0.7
FA-26 07+50E	557668	5465825	0.8	17.3	18.1	54	<.1	13.9	10.8	349	2.01	7.5	1.2	10.8	8.3	5	0.1	0.3	0.3	11	0.04	0.018	24	9	0.49	42	0.032	<1	1.12	0.003	0.11	0.1	<.01	1	0.1	<.05	3	<.5	<1	<1	0.8
FA-3 00+00	557456	5465422	0.7	10.2	11.4	51	0.1	9.7	5.7	355	1.97	4	0.8	3.3	4.7	3	0.1	0.2	0.3	25	0.02	0.072	16	10	0.32	49	0.054	1	2.35	0.007	0.04	0.1	0.04	1.6	0.1	<.05	7	<.5	<1	1	6
FA-3 00+50E	557489	5465452	0.5	10.1	7.2	47	0.2	11.3	6.1	226	1.97	3.9	1	3.7	6.2	3	0.1	0.2	0.3	17	0.02	0.052	20	8	0.34	54	0.033	1	2.15	0.005	0.05	0.2	0.05	2	0.1	<.05	4	0.5	<1	<1	7.1
FA-3 01+00E	557516	5465488	0.8	24	16.8	60	<.1	16.9	10.1	352	2.04	8.9	1.2	6.1	8.1	3	0.1	0.3	0.4	10	0.04	0.058	22	10	0.51	35	0.018	<1	1.55	0.004	0.06	0.1	0.05	1.1	0.1	<.05	3	<.5	<1	<1	1.1
FA-3 01+50E	557540	5465511	0.8	13.1	16.3	64	0.4	8.9	6.2	378	2.14	5.5	0.9	1.3	3.3	5	0.1	0.3	0.4	29	0.04	0.065	13	11	0.28	73	0.054	1	2.57	0.01	0.06	0.2	0.05	2	0.2	<.05	8	<.5	<1	1	5.5
FA-3 02+00E	557608	5465509	1.2	17.2	21.2	59	0.1	8.8	5.6	578	2.28	9.4	0.9	4.1	5.4	6	0.1	0.3	0.4	20	0.08	0.064	15	9	0.31	53	0.042	1	1.78	0.008	0.08	0.1	0.06	1.2	0.1	<.05	5	<.5	<1	1	2.4
FA-3 02+50E	557654	5465495	1.1	17	20.2	70	0.1	11.7	5.9	255	2.53	11.3	1	2.5	7.3	3	0.1	0.3	0.4	17	0.03	0.048	19	11	0.41	44	0.032	1	1.8	0.005	0.09	0.1	0.04	1.3	0.1	<.05	4	<.5	<1	<1	1
FA-3 03+00E	557699	5465472	1.3	17.3	16.3	63	<.1	12	4.9	179	2.46	11.5	1	1.1	6.1	3	0.1	0.3	0.3	13	0.02	0.038	20	10	0.43	44	0.024	<1	1.85	0.004	0.07	0.2	0.04	1.3	0.1	<.05	3	<.5	<1	<1	1.3
FA-3 03+50E	557741	5465449	2	26.9	52.5	93	0.1	10.9	5.4	197	3.63	17.6	1	1	10.6	2	0.1	0.6	0.7	19	0.02	0.054	17	12	0.39	40	0.036	<1	2.08	0.004	0.08	0.2	0.03	1.4	0.2	<.05	5	<.5	<1	<1	2.3
FA-3 04+00E	557786	5465419	1.4	30.3	25.2	60	<.1	11.4	5.8	214	2.78	12.6	1.8	4	18.5	2	<.1	0.5	0.6	8	0.02	0.034	22	10	0.48	27	0.041	<1	1.25	0.003	0.11	0.1	0.02	1.1	0.2	<.05	2	<.5	<1	<1	1.4
FA-3 04+50E	557824	5465403	2.6	44.5	62.5	68	<.1	10.4	5.6	237	3.89	19.3	2	3	17.1	3	0.1	1.1	0.9	10	0.01	0.047	24	11	0.46	52	0.069	<1	1.45	0.003	0.14	0.2	0.01	1.2	0.2	<.05	3	0.6	<1	<1	1.6
FA-3 05+00E	557874	5465380	4.1	30.2	32.7	70	<.1	9.3	6.7	219	3.83	19.2	1.1	1.4	9.7	3	0.1	0.7	0.7	18	0.03	0.041	20	11	0.42	37	0.078	<1	1.45	0.004	0.12	0.2	0.03	1.1	0.2	<.05	5	<.5	<1	<1	2.7
FA-3 05+50E	557922	5465359	1.5	16.3	22.6	79	0.1	9.9	7.5	236	2.61	10.1	0.9	2.2	6.4	5	0.1	0.3	0.4	20	0.06	0.037	14	11	0.38	55	0.047	<1	1.94	0.006	0.1	0.2	0.04	1.4	0.2	<.05	5	<.5	<1	<1	4.3
FA-3 06+00E	557968	5465334	2.7	20.7	30.8	91	0.1	13.8	9.2	317	2.67	14.9	1.2	<.5	6	6	0.2	0.4	0.5	18	0.09	0.038	17	13	0.46	49	0.052	<1	2.39	0.007	0.13	0.2	0.05	1.6	0.2	<.05	5	<.5	<1	<1	4.3
FA-3 06+50E	558010	5465309	2.4	19.1	27	64	<.1	14.4	10.1	267	2.33	13.8	1	7.7	6.6	5	<.1	0.4	0.4	14	0.07	0.022	20	11	0.49	38	0.039	<1	1.48	0.005	0.14	0.2	0.02	1.1	0.2	<.05	4	0.5	<1	<1	0.9
FA-3 07+00E	558050	5465280	1.7	17.9	21.6	53	<.1	10.6	6.7	224	2.02	10.5	1	31.4	6.6	3	<.1	0.4	0.3	12	0.04	0.023	20	10	0.42	26	0.039	<1	1.24	0.005	0.12	0.1	0.01	1	0.2	<.05	3	0.5	<1	<1	0.8
FA-3 07+50E	558086	5465247	1.5	18	20.6	61	<.1	11.6	6.1	276	2.25	10.2	1.1	2.2	3.2	3	0.1	0.3	0.4	18	0.04	0.041	18	11	0.36	39	0.031	<1	1.82	0.006	0.1	0.2	0.05	1.1	0.2	<.05	4	0.5	<1	<1	1.6
FA-3 08+00E	558128	5465215	2.3	23.5	32	74	0.1	14.3	8.6	294	3.14	17.6	1.6	0.9	6	4	0.1	0.4	0.5	19	0.04	0.042	25	13	0.46	40	0.031	<1	1.96	0.006	0.12	0.2	0.04	1.3	0.2	<.05	4	0.6	<1	<1	1.5
FA-3 08+50E	558167	5465187	1.5	23.6	30.1	68	<.1	16.2	11.7	354	2.3	13.9	2	2.1	8.9	4	0.1	0.4	0.4	14	0.06	0.027	31	11	0.48	41	0.05	1	1.42	0.004	0.17	0.1	0.02	1.2	0.3	<.05	4	<.5	<1	<1	0.9
FA-3 09+00E	558230	5465178	1	17.3	23.1	59	<.1	13	10.5	353	2.18	9.6	1.2	5.7	8.6	3	0.1	0.4	0.4	11	0.04	0.02	21	9	0.42	36	0.052	1	1.22	0.004	0.19	0.1	0.01	1	0.3	<.05	3	<.5	<1	<1	1.7
FA-3 09+50E	558255	5465201	1.1	18.8	27.1	80	<.1	17.5	10.7	289	2.81	12.4	1.6	2.9	7.5	5	0.1	0.4	0.5	16	0.06	0.025	30	13	0.55	55	0.046	1	1.56	0.006	0.18	0.1	0.01	1.3	0.3	<.05	4	<.5	<1	<1	0.8
FA-3 10+00E	558293	5465244	1.4	28.5	30.7	73	<.1	17.1	11.9	361	2.61	11.8	1.7	4.8	12.2	4	0.1	0.5	0.5	13	0.05	0.031	34	12	0.58	48	0.061	1	1.56	0.004	0.2	0.2	0.01	1.4	0.3	<.05	4	<.5	<1	<1	1.6
FA-3 10+50E	558326	5465292	1.5	24.4	26.5	76	<.1	16.6	23.3	953	2.7	11.9	1.6	0.7	7.9	7	0.2	0.4	0.4	18	0.08	0.034	30	13	0.55	62	0.053	1	1.67	0.006	0.18	0.2	0.03	1.4	0.2	<.05	5	<.5	<1	<1	1.4
FA-3 11+00E	558333	5465340	1.3	28.1	29.7	71	<.1	17.7	12.9	394	2.6	14.3	1.9	6.7	11.8	4	0.1	0.4	0.5	13	0.03	0.029	32	12	0.53	49	0.049	1	1.5	0.005	0.17	0.1	0.01	1.4	0.2	<.05	4	<.5	<1	<1	1.6
FA-3 11+50E	558323	5465393	1	24.8	25.1	82	<.1	17.4	11.4	399	2.55	12.4	1.6	16.3	9.9	5	0.1	0.4	0.4	15	0.03	0.032	26	11	0.43	56	0.045	1	1.58	0.004	0.15	0.2	0.02	1.4	0.2	<.05	4	<.5	<1	<1	2.3
FA-3 12+00E	558303	5465440	1.1	19.3	22.6	78	0.1	18.1	8.6	297	2.62	11.8	1.1	<.5	8.6	3	0.2	0.3	0.4	19	0.02	0.034	19	12	0.38	68	0.041	1	2.09	0.005	0.14	0.2	0.04	1.6	0.2	<.05	5	<.5	<1	<1	5.7
FA-3 12+50E	558271	5465481	1	26.5	32.6	79	<.1	22.2	13.3	363	2.7	11.4	1.6	3	11.2	4	0.2	0.4	0.5	16	0.03	0.033	28	12	0.48	78	0.05	2	1.91	0.004	0.22	0.2	0.01	1.6	0.3	<.05	4	<.5	<1	<1	4.6
FA-3 13+00E	558248	5465518	1.1	23	26.1	70	0.1	15.7	9.1	223	2.69	12.4	1.1	2.8	8.6	5	0.1	0.4	0.5	16	0.04	0.034	22	11	0.39	76	0.043	1	1.86	0.005	0.15	0.2	0.03	1.4	0.2	<.05	5	<.5	<1	<1	4.3
FA-3 13+50E	558205	5465556	1.2	27.4	31.9	80	0.1	16.7	9	329	2.93	11.1	1.3	4.4	9.8	4	0.1	0.4	0.5	20	0.03	0.038	23	13	0.45	98	0.045	1	2.1	0.006	0.19	0.2	0.03	1.5	0.2	<.05	5	<.5	<1	1	1.9
FA-3 14+00E	558179	5465599	1.3	25.6	31.2	76	<.1	20.2	10.2	248	2.52	11.6	1.5	2.3	10.7	4	0.1	0.3	0.5	14	0.03	0.027	27	11	0.42	67	0.041	1	1.56	0.004	0.15	0.1	0.03	1.2	0.2	<.05	4	<.5	<1	<1	2.3
FA-3 14+50E	558156	5465642	1.6	30	26.1	63	<.1	15	7.2	236	2.72	11	1.6	4.9	10.8	5	0.1	0.4	0.5	16	0.03	0.028	27	12	0.49	65	0.052	1	1.83	0.005	0.17	0.1	0.02	1.5	0.2	<.05	4	<.5	<1	<1	3.2
FA-3 15+00E	558116	5465673	1.7	29.2	27.8	82	0.1	18.2	8.7	262	3.06	10.4	1.6	1.7	10.3	6	0.2	0.4	0.5	21	0.03	0.046	23	13	0.43	62	0.045	1	2.23	0.006	0.1	0.2	0.03	1.6	0.1	<.05	6	<.5	<1	<1	7.8
FA-3 15+50E	558086	5465719	1	34.3	26.5	81	<.1	21.7	12.5	311	2.96	10.4	1.8	4.6	11.8	5	0.1	0.4	0.5	12	0.02	0.033	27	11	0.49	46	0.04	<1	1.47	0.003	0.11	0.1	0.01	1.2	0.1	<.05	4	<.5	<1	<1	1.8
FA-3 16+00E	558050	5465752	1.4	37.9	31.2	99	<.1	29.5	14.3	366	3.2	13	1.5	1.4	11.3	9	0.1	0.5	0.6	16	0.05	0.04	26	11	0.41	61	0.038	1	2.02	0.007	0.08	0.1	0.03	1.2	0.1	<.05	5	<.5	<1	<1	5.4
FA-3 16+50E	558011	5465781	1.1	22.7	22.4	74	<.1	21.6	12	427	2.51	10.2	1.3	1.5	9.1	7	0.1	0.4	0.4	13	0.06	0.028	24	10	0.44	44	0.034	<1	1.4	0.006	0.13	0.1	0.01	1.1	0.1	<.05	4	<.5	<1	<1	1.1
FA-3 17+00E	557973	5465810	0.9	29.4	26.2	83	<.1	25.3	11.9	407	2.75	12.3	1.6	4.4	11.6	5	0.1	0.4	0.5	13	0.03	0.032	31	11	0.49	50	0.041	1	1.49	0.004	0.15	0.1	0.02	1.4	0.2	<.05	4	<.5	<1	<1	1.6
FA-3 17+50E	557940	5465855	0.8	28.1	31.3	89	0.1	19.6	14.6	473	2.6	14.2	0.9	1.9	8.8	4	0.1	0.3	0.6	14	0.03	0.041	30	10	0.38	60	0.018	1	1.69	0.004	0.09	0.1	0.03	1.1	0.1	<.05	4	<.5	<1	<1	2.3
FA-3 18+00E	557911	5465890	0.8	17.2	28	103	0.4	16.7	11.4	952	2.57	8.1	0.8	0.9	5.8	6	0.2	0.3	0.5	26	0.05	0.059	18	11	0.31	103	0.048	1	2.39	0.007	0.08	0.2	0.05	1.5	0.1	<.05	7	<.5	<1	1	5.2
FA-3 18+50E	557886	5465934	0.9	19.3	25.3	90	0.2	15.5	11.3	474	2.55	9.6	0.9	2.1	7.4	4	0.1	0.4	0.4	22	0.03	0.047	21	10	0.36	71	0.037	1	2.01	0.005	0.08	0.1	0.03	1.5	0.1	<.05	6	<.5	<1	1	5.4
FA-3 19+00E	557887	5465990	0.9	29.2	26.2	69	<.1	16	13	395	2.55	14.5	1.3	1.1	11.2	4	0.1	0.4	0.5	10	0.02	0.034	31	9	0.44	49	0.021	1	1.38	0.003	0.1	0.1	0.01	1.1	0.1	<.05	3	<.5	<1	<1	1.2
FA-3 19+50E	557913	5466031	1.1	19.5	21.3	63	0.1	12.2	7.6	277	2.64	8.8	1.2	2.9	8.7	4	0.1	0.3	0.4	23	0.02	0.06	20	12	0.35	62	0.043	1	2.53	0.007	0.11	0.2	0.04	1.8	0.2	<.05	6	<.5	<1	1	12.3
FA-3 20+00E	557957	5466041	1	24.6	26.3	66	0.1	13.6	7.3	297	2.6	11	1.3	3.3	10.1	4	0.1	0.4	0.5	15	0.02	0.038	25	11	0.45	64	0.04	1	1.86	0.005	0.14	0.2	0.03	1.4	0.1	<.05	5	0.5	<1	<1	2.6
FA-3 20+50E	558007	5466041	1.3	28.9	30	69	<.1	16.6	7.1	244	2.54	12.7	1.5	0.7	11.4	4	0.1	0.5	0.5	14	0.02	0.035	25	11	0.42	67	0.046	1	1.85	0.004	0.21	0.2	0.02	1.4	0.2	<.05	4	<.5	<1	<1	1.6
FA-3 21+00E	558060	5466028	1	28.9	27.4	64	<.1	14.4	8.5	263	2.27	12.4	1.5	2.7	11.7	3	<.1	0.4	0.5	10	0.01	0.03	27	9	0.4	46	0.034	<1	1.34	0.003	0.14	0.1	<.01	1.1	0.2	<.05	3	<.5	<1	<1	1.3
FA-3 21+50E	558107	5466025	1	17.1	17.8	51	<.1	14	6.4	207	2.25	10.1	1	1.8	3.7	3	0.1	0.3	0.4	12	0.02	0.037	23	9	0.33	41	0.022	1	1.3	0.003	0.1	0.1	0.02	0.8	0.1	<.05	3	<.5	<1	<1	0.2

FA-3 22+00E	558180	5466024	1.1	15.6	13.7	36	0.1	6.9	3.5	125	2.26	6.3	1.1	5.2	4.4	5	0.2	0.2	0.3	18	0.04	0.04	14	9	0.17	33	0.048	<1	3.55	0.009	0.05	0.2	0.12	1.3	0.1	0.08	6	0.6	<1	<1	11.6
FA-4 00+00S	557999	5468166	0.5	5.7	9	29	<.1	5.1	2.9	129	1.77	1.8	0.6	<.5	2	3	0.1	0.2	0.3	19	0.03	0.05	18	7	0.16	67	0.04	1	1.33	0.007	0.04	0.1	0.09	0.7	0.1	<.05	6	0.5	<1	1	1.6
FA-4 00+50S	557951	5468170	0.7	6.5	13.8	66	<.1	5.6	5	573	2.12	2.2	0.6	<.5	3.2	6	0.1	0.2	0.4	32	0.04	0.25	6	8	0.11	111	0.153	1	2.82	0.017	0.04	0.2	0.1	1.4	0.1	<.05	14	<.5	<1	2	11.2
FA-4 01+00S	557911	5468186	0.6	5.6	9.9	34	<.1	4.5	2.3	379	1.52	1.6	0.6	1.6	1	4	0.1	0.2	0.3	26	0.02	0.079	10	6	0.1	77	0.074	1	1.47	0.012	0.03	0.2	0.08	0.8	0.1	<.05	10	<.5	<1	1	3.6
FA-4 01+50S	557865	5468214	0.7	5.1	14.4	28	<.1	5.5	2.7	117	2.4	2.2	0.6	3.1	2.6	9	0.2	0.2	0.3	38	0.06	0.046	7	8	0.1	119	0.145	1	2.69	0.016	0.03	0.2	0.1	1.3	0.1	<.05	16	0.6	<1	1	17.3
FA-4 02+00S	557825	5468244	0.3	3.7	11.8	13	<.1	2.2	0.9	32	0.6	1	0.3	1	1	3	0.1	0.2	0.3	15	0.02	0.024	17	3	0.04	21	0.043	1	0.37	0.01	0.03	0.1	0.05	0.4	0.1	<.05	6	<.5	<1	1	0.8
FA-4 02+50S	557786	5468267	0.4	3.4	13.8	25	<.1	3.1	1.8	337	0.98	1.2	0.3	0.5	1.1	3	<.1	0.2	0.4	20	0.03	0.065	8	5	0.06	42	0.073	1	1.01	0.012	0.03	0.1	0.05	0.7	0.1	<.05	8	<.5	<1	1	2.2
FA-4 03+00S	557736	5468277	0.2	2.6	3.9	12	<.1	1.7	0.8	37	0.53	0.5	0.2	1.3	1.4	2	<.1	0.1	0.2	9	0.01	0.013	17	3	0.03	20	0.017	2	0.41	0.008	0.03	<.1	0.02	0.4	0.1	<.05	5	<.5	<1	1	0.1
FA-4 03+50S	557696	5468286	0.3	5.5	2.6	28	<.1	10.2	4.8	67	1.58	1.6	1	9.1	7.5	2	<.1	0.2	0.2	6	0.02	0.04	28	7	0.55	61	0.005	1	1.07	0.003	0.07	0.1	0.04	0.8	<.1	<.05	2	<.5	<1	<1	1.8
FA-4 04+00S	557655	5468311	0.2	2.8	2.6	36	<.1	9.4	4.4	80	1.26	1.6	0.8	1.3	7.5	1	0.1	0.2	0.2	6	0.01	0.033	25	6	0.66	40	0.004	1	0.98	0.003	0.05	0.1	0.03	0.6	<.1	<.05	2	<.5	<1	<1	1.4
FA-4 04+50S	557631	5468353	0.9	5.6	9.8	22	0.1	4.6	2.5	123	1.6	1.9	0.5	1	2.1	3	0.1	0.2	0.3	23	0.02	0.023	13	6	0.2	79	0.058	1	1.03	0.011	0.03	0.2	0.05	0.8	0.1	<.05	8	<.5	<1	1	3
FA-4 05+00S	557614	5468399	0.4	4.9	7.1	30	<.1	7.4	3.3	138	1.58	2.8	0.6	1.1	4.4	2	0.1	0.2	0.2	18	0.02	0.072	17	7	0.3	51	0.04	<1	1.97	0.007	0.03	0.1	0.07	1	0.1	<.05	6	<.5	<1	1	8.4
FA-4 05+50S	557579	5468425	0.5	6.6	9	41	<.1	6.1	3.4	238	1.58	1.8	0.5	1.4	2.2	5	0.1	0.1	0.3	24	0.06	0.092	6	7	0.2	66	0.089	1	2.76	0.015	0.03	0.2	0.05	1.1	0.1	<.05	9	<.5	<1	1	15.4
FA-4 06+00S	557529	5468475	0.3	4.7	6	20	<.1	4.2	1.7	42	0.82	1.3	0.2	2.2	1	4	0.1	0.3	0.3	20	0.05	0.016	18	6	0.34	58	0.025	1	0.77	0.008	0.02	0.1	0.02	0.7	0.1	<.05	6	<.5	<1	1	0.2
FA-4 06+50S	557497	5468500	0.3	5.1	1.7	28	<.1	8.6	4.6	83	1.74	2.1	0.4	0.7	5.5	2	<.1	0.2	0.3	8	0.02	0.042	24	7	0.72	40	0.005	<1	1.17	0.002	0.04	0.2	0.01	1	<.1	<.05	3	<.5	<1	<1	1.6
FA-4 07+00S	557466	5468515	0.6	5.3	7.6	45	<.1	7	6	557	1.66	2.5	0.7	1.1	3.3	7	0.1	0.2	0.3	22	0.04	0.096	11	8	0.24	93	0.059	1	1.73	0.008	0.04	0.3	0.06	1.1	0.1	<.05	8	<.5	<1	1	3.6
FA-4 07+50S	557433	5468589	0.5	3.5	8.3	26	<.1	3.4	1.8	67	1.54	2.1	0.5	2.2	4.4	3	0.1	0.2	0.4	21	0.02	0.044	14	7	0.13	58	0.037	1	1.69	0.007	0.03	0.2	0.06	1	0.1	<.05	7	<.5	<1	1	5.9
FA-4 08+00S	557350	5468592	0.1	0.7	2.4	5	<.1	0.8	0.4	94	0.26	<.5	0.2	1.1	2.6	2	<.1	<.1	0.1	4	0.02	0.011	23	2	0.05	14	0.007	<1	0.42	0.005	0.03	0.1	0.01	0.3	0.1	<.05	4	<.5	<1	<1	<.1
FA-4 08+50S	557337	5468574	0.7	6.6	7.5	34	<.1	8.3	5.6	246	1.86	2.8	1.1	1.8	3.8	6	0.1	0.2	0.2	26	0.05	0.091	4	8	0.13	62	0.112	1	4.46	0.015	0.03	0.2	0.11	1.8	0.1	<.05	9	<.5	<1	1	49.3
FA-4 09+00S	557283	5468575	0.7	7.4	10	65	<.1	10.9	9.3	200	2.49	3.1	1	3.7	6.5	7	0.1	0.3	0.3	30	0.04	0.08	11	12	0.26	102	0.063	1	3.25	0.012	0.05	0.2	0.06	1.9	0.1	<.05	8	<.5	<1	1	23
FA-4 09+50S	557220	5468598	0.9	6.4	11.3	56	<.1	10.1	6.5	325	2.9	3.4	0.9	2.2	5.4	5	0.2	0.3	0.3	35	0.04	0.14	6	12	0.26	64	0.111	2	4.22	0.011	0.05	0.3	0.13	2	0.1	<.05	11	0.5	<1	1	33.1
FA-4 10+00S	557190	5468586	0.7	3.5	6.8	26	<.1	6.6	3.7	76	1.96	2.5	0.7	1.5	5	3	0.1	0.3	0.2	25	0.01	0.062	12	8	0.35	56	0.054	1	1.87	0.006	0.03	0.2	0.06	1.5	0.1	<.05	8	<.5	<1	1	14.9
FA-4 10+50S	557141	5468553	0.6	3.9	8.4	16	<.1	2.6	1.5	51	1.34	2.9	0.4	1.5	2.7	2	<.1	0.3	0.3	26	0.01	0.057	9	6	0.11	28	0.064	<1	1.43	0.009	0.02	0.2	0.05	0.8	0.1	<.05	8	<.5	<1	1	10.6
FA-4 11+00S	557101	5468535	0.4	1.5	3.6	12	<.1	4.3	3.1	28	1.28	2.2	0.6	<.5	5.9	2	<.1	0.2	0.2	12	0.01	0.022	20	4	0.26	21	0.017	<1	0.68	0.003	0.03	0.2	0.01	0.6	0.1	<.05	4	<.5	<1	<1	2.3
FA-4 11+50S	557064	5468521	0.3	3.1	12.2	20	<.1	2.6	1.5	118	1.27	2.3	0.3	2.1	2.5	3	<.1	0.2	0.4	26	0.02	0.052	8	6	0.06	50	0.074	<1	1.05	0.011	0.03	0.1	0.03	0.8	0.1	<.05	9	<.5	<1	1	5.7
FA-4 12+00S	557028	5468509	0.6	6.2	10.2	49	<.1	7.9	5.7	314	1.96	3	0.7	2	3.7	5	0.2	0.2	0.3	28	0.05	0.127	6	8	0.13	113	0.104	<1	3.26	0.013	0.04	0.3	0.09	1.7	0.1	<.05	10	<.5	<1	1	27.1
FA-4 12+50S	556979	5468488	0.3	3.3	7.7	36	<.1	8.9	6.1	778	1.64	1.6	0.6	0.7	4.8	6	0.1	0.2	0.2	19	0.05	0.045	13	7	0.27	107	0.055	1	1.58	0.007	0.05	0.2	0.04	1	0.1	<.05	6	<.5	<1	1	5
FA-4 13+00S	556997	5468441	0.6	4.7	6.7	34	<.1	9	5.9	144	1.75	1.6	0.7	0.8	7.6	3	0.1	0.2	0.3	22	0.02	0.035	19	9	0.31	121	0.041	1	1.91	0.005	0.05	0.4	0.04	1.3	0.1	<.05	6	<.5	<1	1	8.5
FA-4 13+50S	556987	5468364	0.3	4.1	7	31	<.1	7.8	4.5	243	1.64	2	0.4	2.5	5.4	4	<.1	0.3	0.2	22	0.02	0.026	14	7	0.37	78	0.046	1	1.36	0.006	0.05	0.2	0.02	1	0.1	<.05	5	<.5	<1	<1	5.5
FA-4 14+00S	556983	5468318	0.6	5.8	11	39	<.1	11.7	6.3	228	1.99	3.2	0.8	1.3	7.4	4	0.1	0.5	0.3	23	0.03	0.036	16	9	0.45	91	0.056	1	1.87	0.005	0.05	0.3	0.04	1.5	0.1	<.05	6	<.5	<1	1	9.8
FA-4 14+50S	556981	5468254	0.5	2.2	8.1	20	<.1	5.3	2.4	53	2.13	2.8	0.5	1.7	6.6	2	<.1	0.3	0.4	23	0.01	0.066	16	7	0.27	34	0.034	<1	1.01	0.004	0.03	0.2	0.02	0.7	0.1	<.05	6	<.5	<1	1	4.2
FA-4 15+00S	556952	5468216	0.6	5.2	7.7	35	<.1	9	4.7	85	1.78	2.2	0.6	2.1	5.1	3	<.1	0.2	0.2	20	0.02	0.069	14	8	0.31	93	0.04	1	1.83	0.005	0.04	0.2	0.04	1.1	0.1	<.05	6	<.5	<1	1	8.9
FA-4 15+50S	556957	5468172	0.5	6.1	8.8	29	<.1	9.1	5.4	169	1.47	2.4	0.6	1.8	4.9	4	<.1	0.2	0.2	19	0.03	0.076	11	7	0.24	95	0.052	1	1.91	0.007	0.05	0.2	0.05	1.3	0.1	<.05	6	<.5	<1	1	12.4
FA-4 16+00S	556923	5468123	0.4	3.8	5.8	32	<.1	7.1	3.5	129	1.97	2.7	0.5	2.5	5.5	3	<.1	0.3	0.3	19	0.01	0.031	19	7	0.51	43	0.019	<1	1.11	0.003	0.04	0.2	0.02	0.8	0.1	<.05	6	<.5	<1	<1	1.5
FA-4 16+50S	556920	5468078	0.5	4.7	7.7	38	<.1	11.3	6.1	182	1.84	2.7	0.6	1.8	7.8	4	<.1	0.3	0.3	21	0.03	0.032	14	9	0.54	111	0.043	<1	1.66	0.005	0.05	0.2	0.02	1.1	0.1	<.05	5	<.5	<1	1	7.2
FA-4 17+00S	556890	5467994	0.3	2.8	7.8	27	<.1	4.9	2.7	304	1.15	1.2	0.3	1.6	4.5	3	0.1	0.2	0.3	19	0.02	0.025	11	6	0.21	64	0.021	<1	0.98	0.004	0.05	0.2	0.03	0.9	0.1	<.05	5	<.5	<1	1	0.8
FA-4 17+50S	556884	5467962	0.7	6.3	8.6	36	<.1	9.9	7.1	228	1.78	2.6	1	20.2	7.2	4	0.1	0.3	0.3	20	0.03	0.054	13	8	0.34	170	0.048	1	2.16	0.005	0.05	0.2	0.05	1.6	0.1	<.05	6	<.5	<1	1	14.9
FA-4 18+00S	556882	5467910	0.3	3.8	7.4	21	<.1	6.3	3.5	66	1.18	3	0.5	23.6	5.6	2	<.1	0.2	0.2	9	0.01	0.015	17	5	0.29	40	0.012	<1	0.89	0.003	0.04	0.1	0.02	0.6	0.1	<.05	3	<.5	<1	<1	2.7
FA-4 18+50S	556883	5467864	0.5	4.1	11.2	32	<.1	7.1	4.3	167	1.88	2.4	0.4	0.8	5.8	3	<.1	0.3	0.3	27	0.02	0.029	14	9	0.45	78	0.031	<1	1.42	0.006	0.05	0.2	0.03	1.1	0.1	<.05	7	<.5	<1	1	2.8
FA-4 19+00S	556873	5467809	0.7	4.4	15.6	31	<.1	7.8	4.3	116	1.91	2.6	0.5	1.2	5.5	4	0.1	0.4	0.4	27	0.02	0.036	12	9	0.46	77	0.036	1	1.59	0.006	0.04	0.2	0.02	1.2	0.1	<.05	7	<.5	<1	1	3.1
FA-4 19+50S	556875	5467767	0.6	5.3	10.2	40	<.1	10.7	5.9	255	1.95	2	0.7	1.8	6.7	4	0.1	0.2	0.3	23	0.03	0.035	10	9	0.53	85	0.049	1	1.94	0.006	0.05	0.1	0.03	1.3	0.1	<.05	6	<.5	<1	1	8.7
FA-4 20+00S	556839	5467704	0.7	6	10.9	31	<.1	7	3.5	78	2.47	3.5	0.6	3.8	6.1	3	0.1	0.3	0.5	31	0.02	0.052	10	10	0.25	53	0.06	1	1.8	0.007	0.04	0.2	0.05	1.2	0.1	<.05	9	<.5	<1	1	9.5
FA-5 00+00W	559500	5466800	1.4	25.4	45.8	87	<.1	16.4	12	745	2.35	9.3	2.5	5	5.4	10	0.6	0.5	0.5	15	0.12	0.046	36	11	0.26	85	0.036	1	1.44	0.006	0.25	0.2	0.04	1.4	0.3	<.05	4	0.5	<1	<1	0.5
FA-5 00+50W	559464	5466812	1.5	16.4	44.9	81	0.3	11.2	8.8	245	2.54	6.8	1.4	2.5	2.7	20	0.4	0.3	0.6	31	0.27	0.032	25	10	0.16	120	0.073	1	1.55	0.012	0.1	0.2	0.04	1.5	0.2	0.06	11	<.5	<1	1	3.2
FA-5 01+00W	559416	5466830	1.5	17.5	28.6	51	0.3	10.5	4.1	139	2.79	12.4	1	<.5	8.3	3	0.1	0.5	0.5	18	0.03	0.039	23	11	0.24	57	0.019	1	1.84	0.004	0.18	0.2	0.07	1.2	0.2	<.05	5	0.5	<1	<1	2.6
FA-5 01+50W	559372	5466824	0.7	6.6	15.4	11	0.3	2.9	1.1	27	1.95	2.8	0.5	2.9	2.5	4	0.1	0.3	0.3	35	0.03	0.028	6	7	0.06	26	0.087	1	2.12	0.01	0.03	0.1	0.08	1.1	0.1	<.05	12	<.5	<1	1	21.8
FA-5 02+00W	559351	5466788	0.9	8.3	14.4	29	0.1	4.3	2	76	2.12	4.7	0.4	<.5	2.9	3	0.2	0.4	0.4	21	0.02	0.021	18	7	0.12	38	0.043	1	0.79	0.007	0.08	0.1	0.02	0.7	0.1	<.05	6	<.5	<1	1	0.6
FA-5 02+50W	559310	5466729	1.7	11.5	23.8	55	0.4	5.8	2.7	168	3.4	6.3	0.6	0.9	3.2	4	0.2	0.4	0.6	39	0.04	0.039	13	12	0.17	47	0.07	1	1.47	0.009	0.08	0.2	0.07	1.2	0.1	<.05	11	<.5	<1	1	3.2
03+00	559258	5466714																																							
FA-5 03+50W	559213	5466692	0.8	21.2	31.8	77	<.1	11.9	4.9	135	2.31	6.3	0.7	0.7	1.6	5	0.2	0.5	0.7	25	0.03	0.039	14	11	0.32	47	0.029	1	1.39	0.007	0.07	0.1	0.03	1.1	0.1	<.05	6	<.5	<1	1	0.7
FA-5 04+00W	559172	5466699	1.4	14.1	32.1	39	0.2	5.4	3.8	404	3.47	10.9	0.6	1.4	2.6	4	0.2	0.6	0.8	30	0.02	0.043	15	10	0.22	49	0.039	1	1.18	0.007	0.06	0.2	0.05	0.9	0.1	<.05	8	<.5	<1	1	1
FA-5 04+50W	559125	5466707	2.1	34.1	24.1	66	0.1	7.5	3.2	169	6.11	26.8	0.7	3.3	9.4	3	0.1	1	1.1	21	0.01	0.063	18	15	0.41	27	0.013	<1	1.77	0.003	0.05	0.1	0.04	0.9	0.1	<.05	6	<.5	<1	<1	2.4
FA-5 05+00W	559081	5466722	1.1	41	41.4	38	0.7	10.8	7.5	106	1.29	2.4	2.9	3.5	0.9	13	0.5	0.3	0.3	17	0.11	0.07	26	6	0.1	48	0.05	1	1.96	0.018	0.04	0.1	0.12	1	0.1	<.05	6	0.5	<1	1	3.3
FA-5 05+50W	559040	5466741	1	11.3	18.8	35	0.2	5.4	2.3	93	2.77	8.1	0.5	2.1	3.6	12	0.1	0.4	0.5	29	0.16	0.033	14	9	0.2	52	0.04	1	0.98	0.01	0.04	0.2	0.06	0.7	0.1	<.05	8	<.5	<1	1	3.1
FA-5 06+00W	558990	5466753	0.8	21	55	37	0.4	7.6	16.4	298	1.82	8.8	2.7	0.8	0.6	11	0.4	0.4	0.5	21	0.07	0.058	24	7	0.16	37	0.037	1	1.26	0.013	0.06	0.2	0.07	0.8	0.1	<.05	7	<.5	<1	1	1.1
FA-5 06+50W	558951	5466785	0.7	8.1	14.6	30	0.3	3.8	1.6	99	1.99	3.7	0.4	0.5	2.6	3	0.1	0.2	0.4	35	0.02	0.024	8	6	0.07	22	0.05	<1	1.1	0.01	0.03	0.1	0.05	0.7	0.1	<.05	9	<.5	<1	1	6.3
FA-5 07+00W	558907	5466783	0.5	4.9	10.6	15	0.4	3.1	1.2	42	1.66	6.1	0.4	1.8	2.9	3	<.1	0.2	0.3	17	0.01	0.019	16	6	0.12	18	0.009	<1	0.86	0.004	0.02	0.1	0.03	0.4	0.1	<.05	5	<.5	<1	<1	0.7
07+50	558867	5466770																																							
FA-5 08+00W	558816	5466760	0.6	9.1	13.7	19	0.5	3.9	1.4	46	2.1	5.9	0.6	3.2	3.2	3	<.1	0.3	0.4	25	0.02	0.033	10	7	0.13	31	0.013	<1	2.06	0.007	0.02	0.2	0.08	0.8	0.1	<.05	6	<.5	<1	1	9.6
FA-5 08+50W	558776	5466753	0.5	3.5	12.9	13	<.1	2	1	52	1.3	3.1	0.2	2.2	1.5	3	0.1	0.3	0.4	31	0.02	0.023	13	5	0.07	19	0.026	1	0.79	0.006	0.02	0.1	0.03	0.5	0.1	<.05	9	<.5	<1	1	0.7
FA-5 09+00W	558726	5466748	2.4	33.9	52	81	0.9	11.6	15.4	1972	2.08	141.9	3	0.7	0.9	12	1.2	0.4	0.6	27	0.06	0.049	14	9	0.19	81	0.06	1	1.72	0.016	0.05	0.2	0.05	1.2	0.1	<.05	10	<.5	<1	1	2.5
FA-5 09+50W	558662	5466765	1	10.5	10.8	20	0.3	3.4	4.4	428	2.67	3.3	1	0.5	3.8	4	0.2	0.2	0.2	32	0.03	0.128	3	10	0.06	23	0.106	<1	5.74	0.012	0.02	0.2	0.11	1.8	<.1	0.06	8	0.7	<1	1	56.2
FA-5 10+00W	558632	5466832	0.8	8.7	17.4	27	0.2	4	2.3	474	2.16	2.3	0.4	1.1	1.8	3	0.1	0.2	0.5	40	0.02	0.089	6	7	0.08	35	0.101	<1	1.31	0.012	0.03	0.2	0.06	0.7	0.1	<.05	11	<.5	<1	1	6.7
FA-5 10+50W	558606	5466867	1	13.3	63.9	114	0.2	8.3	9.1	1449	2.62	72.9	0.8	28.3	4.3	4	0.2	0.6	0.5	31	0.03	0.114	9	10	0.17	72	0.082	1	2.79	0.01	0.06	2.3	0.07	1.6	0.1	<.05	9	<.5	<1	1	14.6
FA-5 11+00W	558584	5466912	1	12.4	21.1	76	0.2	9.7	7.9	795	2.84	21.4	1	26.1	5	4	0.2	0.3	0.5	31	0.02	0.056	15	12	0.22	69	0.067	<1	2.14	0.008	0.05	0.5	0.07	1.6	0.1	<.05	9	<.5	<1	1	5.7
FA-5 11+50W	558578	5466957	0.9	15.9	19.6	72	0.2	14.2	11.3	669	2.54	37.4	1.3	38.1	7.7	4	0.2	0.5	0.4	17	0.02	0.056	22	10	0.24	87	0.02	<1	1.78	0.005	0.05	0.6	0.03	1.6	0.1	<.05	4	<.5	<1	<1	4.9
FA-5 12+00W	558583	5467045	0.9	8.7	13.8	48	0.1	8.5	6	751	2.38	6.9	0.6	3	4.5	5	0.2	0.3	0.5	29	0.05	0.038	14	8	0.17	96	0.039	<1	1.46	0.006	0.05	0.2	0.04	1	0.1	<.05	7	<.5	<1	1	3.3
FA-5 12+50W	558599	5467138	1	11.2	13.8	44	0.2	5.9	5.4	198	2.48	2.6	0.8	1.9	4.7	3	0.1	0.3	0.4	35	0.02	0.07	6	10	0.11	49	0.11	1	3.98	0.009	0.04	0.2	0.09	1.8	0.1	<.05	11	<.5	<1	1	36.7
FA-5 13+00W	558607	5467195	0.7	9	12.5	44	0.1	5.9	3.4	1859	1.82	2.2	0.7	1.2	4	11	0.3	0.2	0.3	28	0.1	0.096	7	7	0.11	107	0.08	1	2.81	0.011	0.04	0.1	0.05	1.6	0.1	<.05	8	<.5	<1	1	21.8
FA-5 13+50W	558609	5467245	0.8	6.9	13	36	<.1	6	3	315	1.83	2.1	0.5	<.5	3.5	5	0.1	0.4	0.5	32	0.03	0.046	9	8	0.14	43	0.08	<1	1.08	0.006	0.05	0.2	0.05	1.1	0.1	<.05	8	<.5	<1	1	3.2
FA-5 14+00W	558603	5467296	1.2	9	13.8	25	<.1	4.8	2.1	112	3.38	4.3	0.5	1.5	3.9	3	0.1	0.3	0.5	59	0.02	0.132	5	10	0.09	27	0.141	1	2.61	0.008	0.03	0.2	0.05	1.2	0.1	<.05	16	<.5	<1	1	23
FA-5 14+50W	558586	5467337	0.4	6.4	17.4	25	<.1	3.8	2.1	198	1.16	1.5	0.5	0.5	2.3	4	0.2	0.3	0.4	16	0.02	0.032	9	5	0.09	47	0.036	1	0.88	0.006	0.03	0.1	0.03	0.7	0.1	<.05	5	<.5	<1	1	2.1
FA-5 15+00W	558552	5467381	0.5	10.9	17.4	29	0.1	4.3	2.9	2908	1.22	1.7	0.9	0.7	0.6	5	0.2	0.2	0.3	20	0.03	0.065	11	6	0.08	135	0.047	1	1.46	0.012	0.05	0.7	0.05	0.8	0.1	<.05	7	<.5	<1	1	1.8
FA-5 15+50W	558528	5467408	0.6	10.5	7.6	39	<.1	10.1	5.1	165	1.63	3.2	1.5	33.1	5	3	0.1	0.1	0.3	13	0.02	0.041	19	7	0.28	25	0.022	<1	1.03	0.003	0.03	0.6	0.03	0.7	<.1	<.05	3	<.5	<1	<1	0.8
FA-5 16+00W	558502	5467448	0.9	9.4	14.7	44	<.1	8	3.9	287	2.74	4.4	0.6	8.8	2.9	7	0.1	0.4	0.5	42	0.07	0.07	13	11	0.22	40	0.072	<1	1.11	0.007	0.06	0.3	0.03	1.3	0.1	<.05	10	<.5	<1	1	2.1
FA-5 16+50W	558471	5467488	1	8.1	13.2	40	<.1	6	3.3	611	2.5	3	0.8	1.3	2.7	5	0.1	0.3	0.4	44	0.04	0.138	3	8	0.09	49	0.15	<1	3.54	0.013	0.03	0.2	0.08	1.4	0.1	<.05	14	<.5	<1	1	26.6
FA-5 17+00W	558440	5467530	1.3	7.5	16.1	38	<.1	5.8	2.5	311	3.4	4.6	0.7	2.6	3.3	4	0.1	0.4	0.5	57	0.02	0.07	5	11	0.13	44	0.183	1	2.6	0.013	0.04	0.3	0.09	1.6	0.1	<.05	18	<.5	<1	2	25.2
FA-5 17+50W	558394	5467532	0.8	6.4	10.5	16	<.1	3	1.9	219	1.44	1.9	0.5	2.2	1.8	3	0.1	0.2	0.3	29	0.02	0.051	4	5	0.06	30	0.114	1	2.03	0.014	0.02	0.1	0.06	1	0.1	<.05	10	<.5	<1	1	16.8
FA-5 18+00W	558339	5467527	1	9.1	10.9	16	<.1	2.5	1.2	98	2.74	3.2	0.8	1.1	2	3	0.2	0.3	0.3	39	0.02	0.066	3	7	0.04	27	0.119	1	3.67	0.012	0.02	0.2	0.17	1.1	<.1	0.07	13	<.5	<1	1	30.2
FA-5 18+50W	558305	5467547	0.6	6.2	9.6	20	<.1	3.2	1.3	60	1.96	1.7	0.5	2.2	2.1	4	0.1	0.2	0.3	34	0.02	0.04	6	6	0.09	34	0.077	<1	1.87	0.009	0.02	0.1	0.07	1	0.1	<.05	11	<.5	<1	1	13.4
FA-5 19+00W	558252	5467548	0.2	1.9	9.6	7	<.1	1	0.6	24	0.31	0.5	0.3	31.7	0.4	8	0.1	0.1	0.3	6	0.09	0.016	11	2	0.04	69	0.022	1	0.36	0.008	0.02	0.1	0.03	0.2	<.1	<.05	4	<.5	<1	1	0.2
FA-5 19+50W	558210	5467529	1.1	6.1	13.3	19	<.1	3.9	1.6	44	3.29	3.5	0.8	2.6	4.8	3	0.1	0.2	0.3	50	0.02	0.067	3	11	0.13	40	0.135	1	4.18	0.011	0.03	0.1	0.08	1.9	0.1	0.07	15	<.5	<1	1	52.5
FA-5 20+00W	558160	5467521	2.1	6.7	35	35	<.1	6.1	8.9	445	1.64	1.6	5.9	1.3	1.8	17	0.2	0.2	0.6	31	0.21	0.031	10	8	0.22	311	0.097	2	1.32	0.012	0.05	0.2	0.04	1.3	0.1	<.05	12	<.5	<1	1	3
FA-5 20+50W	558114	5467494	1.5	6	26.1	25	<.1	4.7	6.6	291	1.11	1.8	2	<.5	0.8	8	0.1	0.3	0.5	20	0.05	0.035	17	6	0.15	154	0.031	<1	1.02	0.008	0.07	0.1	0.03	0.9	0.1	<.05	6	<.5	<1	1	0.9
FA-5 21+00W	558036	5467497	0.5	4.1	15.9	15	<.1	2.5	1.1	59	1.18	2.2	0.3	13.7	2	3	<.1	0.2	0.5	31	0.02	0.049	15	5	0.07	48	0.082	1	0.69	0.009	0.03	0.1	0.02	0.8	0.1	<.05	11	<.5	<1	1	2.1
FA-5 21+50W	557969	5467476	0.9	6.3	17.4	17	<.1	3.1	1.2	99	2.21	3	0.5	1	2.1	4	0.1	0.3	0.4	45	0.06	0.05	5	6	0.05	41	0.137	<1	1.27	0.012	0.03	0.1	0.08	0.9	0.1	<.05	15	<.5	<1	2	43
FA-5 22+00W	557920	5467500	2.7	12.8	23.2	40	0.1	7.5	10	13946	1.5	1.8	8.8	2.9	0.5	20	1.3	0.4	0.3	27	0.36	0.079	13	7	0.16	637	0.046	2	2.13	0.014	0.06	0.1	0.1	0.9	0.2	0.08	10	<.5	<1	1	1.8
FA-5 22+50W	557890	5467538	0.4	6.3	25.1	22	<.1	4.2	2.2	65	0.7	1	1.4	0.8	0.2	15	0.3	0.2	0.4	17	0.19	0.044	12	7	0.17	228	0.034	1	0.96	0.011	0.06	0.1	0.04	0.6	0.1	<.05	7	<.5	<1	1	0.8
23+00	557858	5467567																																							
FA-5 23+50W	557816	5467591	0.5	3.4	4.9	13	<.1	2.4	1	70	0.66	0.8	0.3	0.9	3	3	0.1	0.2	0.2	15	0.04	0.012	28	4	0.04	52	0.034	<1	0.38	0.009	0.04	0.1	0.01	0.5	0.1	<.05	4	<.5	<1	1	0.5
FA-5 24+00W	557756	5467633	0.5	9.5	14.1	73	<.1	11.1	7.4	918	2.49	2.8	0.8	0.5	4.8	8	0.1	0.3	0.5	37	0.07	0.104	26	12	0.31	182	0.097	2	1.3	0.011	0.12	0.2	0.02	1.8	0.1	<.05	10	<.5	<1	1	2.1
FA-5 24+50W	557718	5467659	0.4	8.1	10.9	25	<.1	5.3	2.9	55	1.17	2.2	0.7	0.8	3.4	8	0.2	0.3	0.3	19	0.1	0.034	29	8	0.15	141	0.033	1	0.72	0.018	0.06	0.1	0.03	1	0.1	<.05	5	<.5	<1	1	0.6
FA-5 25+00W	557699	5467698	0.5	5.3	8.6	35	<.1	7.7	3.6	107	1.74	2.2	0.5	0.5	3.8	4	0.1	0.2	0.3	28	0.04	0.035	24	9	0.34	41	0.08	1	0.87	0.008	0.07	0.1	0.02	0.9	0.1	<.05	8	<.5	<1	1	1.7
FA-5 25+50W	557657	5467711	0.3	3.3	10	27	<.1	5.8	2.4	58	1.18	0.9	0.4	0.5	5	4	<.1	0.2	0.3	23	0.03	0.019	28	8	0.39	34	0.056	1	0.87	0.007	0.05	0.2	0.01	0.9	0.1	<.05	7	<.5	<1	1	0.9
FA-5 26+00W	557619	5467745	0.3	4.3	6.1	23	<.1	4.5	1.9	127	1.12	1.6	0.6	41	3.7	3	0.2	0.2	0.3	23	0.03	0.023	32	7	0.18	43	0.044	1	0.68	0.006	0.05	0.1	0.02	0.9	0.1	<.05	7	<.5	<1	1	0.7
FA-5 26+50W	557573	5467792	0.3	3.9	14.7	18	<.1	3.1	1.4	373	0.79	1.7	0.4	7.8	1.9	5	0.2	0.2	0.2	14	0.02	0.023	32	5	0.09	49	0.019	2	0.58	0.007	0.05	0.1	0.02	0.6	0.2	<.05	5	<.5	<1	1	2
27+00	557528	5467831																																							
FA-5 27+50W	557474	5467824	0.5	5.6	6.7	17	0.1	3.9	1.6	53	1.31	3	0.5	5.9	2.4	5	0.2	0.3	0.2	19	0.04	0.071	16	8	0.14	32	0.042	2	1.41	0.01	0.04	0.2	0.07	1	0.1	0.07	6	<.5	<1	1	5.1
FA-5 28+00W	557414	5467826	0.1	2.1	5.3	9	<.1	1.8	0.8	33	0.71	0.8	0.3	4.3	1.4	2	0.1	0.2	0.1	9	0.01	0.013	31	4	0.09	18	0.011	<1	0.42	0.005	0.03	<.1	0.01	0.4	0.1	<.05	4	<.5	<1	<1	<.1
FA-5 28+50W	557370	5467824	0.8	9.6	10	25	<.1	4.4	2.3	156	2.15	2.9	0.8	1.2	3.5	5	0.1	0.2	0.3	33	0.03	0.064	7	8	0.11	30	0.116	1	3.08	0.019	0.04	0.2	0.07	1.7	0.1	0.08	11	<.5	<1	1	36.7
FA-5 29+00W	557326	5467795	1	10.1	18.8	32	<.1	4.2	2.1	185	2.37	3.9	0.5	0.7	2.2	4	0.1	0.6	0.4	43	0.04	0.072	5	10	0.11	32	0.122	1	3.03	0.015	0.04	0.1	0.13	1.3	0.1	0.08	12	<.5	<1	1	21.6
FA-5 29+50W	557304	5467744	1	11.1	8.7	45	<.1	7	4.4	831	1.96	3	0.8	0.7	3.1	6	<.1	0.2	0.3	33	0.04	0.085	6	9	0.19	50	0.124	2	3.66	0.018	0.05	0.2	0.07	1.6	0.1	0.06	10	0.5	<1	1	18.6
FA-5 30+00W	557297	5467694	0.9	10.4	8	61	0.1	10.4	8	738	1.84	3.1	1.1	1.7	4.8	7	0.1	0.1	0.2	26	0.05	0.075	7	9	0.21	62	0.11	2	4.53	0.018	0.05	0.2	0.09	2.3	0.1	0.08	8	0.5	<1	1	38.3
FA-5 30+50W	557285	5467649	0.7	13.6	10.3	64	0.1	12.1	8	430	1.95	3.4	0.9	0.7	3.9	6	0.1	0.3	0.3	28	0.05	0.069	12	10	0.25	92	0.084	1	3.18	0.013	0.07	0.2	0.08	2.1	0.1	<.05	8	0.5	<1	1	19.7
FA-5 31+00W	557279	5467557	1.2	28	11.4	64	<.1	11.7	6.9	266	2.52	3.5	1.1	1.5	5.6	6	0.1	0.2	0.4	37	0.04	0.08	7	13	0.29	79	0.128	2	4.33	0.013	0.08	0.2	0.06	2.3	0.1	0.07	10	<.5	<1	1	40
FA-5 31+50W	557304	5467508	0.9	10.3	9.7	80	<.1	13	6.2	291	3.04	3.8	0.6	7.8	5.8	5	0.1	0.3	0.6	42	0.04	0.059	20	15	0.56	85	0.077	1	2.15	0.007	0.1	0.2	0.06	1.7	0.2	<.05	11	<.5	<1	1	4.3
FA-5 32+00W	557338	5467416	0.9	22.5	104.3	102	0.2	12.2	11.5	977	2.29	61.5	2.3	12.7	7	7	0.6	2.1	0.4	21	0.07	0.059	24	9	0.2	93	0.051	2	2.08	0.009	0.09	0.3	0.05	2.2	0.1	<.05	6	<.5	<1	1	6.6

FA-5 32+50W	557367	5467374	0.4	6.1	7.1	49	<.1	8.1	4.9	242	1.58	5.8	0.9	5.4	7.4	2	0.1	0.3	0.2	12	0.01	0.03	32	7	0.27	54	0.017	1	1.2	0.003	0.06	0.9	0.02	0.9	0.1	<.05	3	<.5	<1	<1	2.5
FA-5 33+00W	557401	5467323	0.6	8.2	12.9	47	<.1	8.5	5.2	403	1.7	3.7	1.1	0.5	6.8	3	0.1	0.3	0.3	20	0.03	0.047	18	8	0.23	62	0.042	<1	2.04	0.006	0.05	0.1	0.04	1.4	0.1	<.05	6	<.5	<1	1	10.4
FA-5 33+50W	557410	5467288	0.8	6.5	12.3	47	<.1	6.3	3.2	260	2.03	2.1	0.4	<.5	3.6	7	0.1	0.2	0.4	39	0.08	0.042	10	9	0.15	63	0.121	1	2.02	0.014	0.06	0.1	0.04	1.5	0.1	<.05	12	<.5	<1	1	9.7
FA-5 34+00W	557427	5467238	0.6	8.4	12.3	68	<.1	7.9	4.7	404	1.75	2.2	0.5	0.8	6	5	0.1	0.2	0.3	28	0.05	0.044	19	9	0.22	77	0.079	1	1.7	0.01	0.1	0.1	0.03	1.2	0.1	<.05	8	<.5	<1	1	7.7
FA-5 34+50W	557440	5467194	0.9	10.7	15	86	<.1	11.5	6.2	603	2.66	3	0.6	1.2	4.7	6	0.1	0.3	0.4	47	0.04	0.047	13	14	0.27	104	0.135	1	2.36	0.012	0.08	0.2	0.05	1.8	0.2	<.05	13	<.5	<1	1	11.1
FA-5 35+00W	557454	5467148	1	10.9	20.6	77	<.1	11.8	6.3	1911	2.22	4.9	0.6	<.5	3.7	8	0.1	0.5	0.4	38	0.07	0.07	10	12	0.27	90	0.112	2	2.46	0.012	0.08	0.2	0.08	1.8	0.2	<.05	10	<.5	<1	1	8.4
FA-5 35+50W	557489	5467106	1.2	14.4	26.5	61	<.1	12.4	7.8	423	2.39	8.8	1.2	3.3	5.8	6	0.1	0.3	0.3	38	0.05	0.059	11	12	0.27	91	0.125	2	3.56	0.012	0.07	0.2	0.05	2.2	0.1	<.05	10	<.5	<1	1	33.8
FA-5 36+00W	557531	5467076	0.6	6.5	13.8	53	<.1	5.9	5.1	935	1.76	2.4	0.4	<.5	3.4	5	0.1	0.2	0.4	35	0.04	0.029	17	10	0.15	62	0.094	1	1.55	0.01	0.07	0.1	0.03	1.4	0.2	<.05	10	<.5	<1	1	2.7
FA-5 36+50W	557560	5467046	1	9.1	12	62	<.1	8.6	6	559	2.28	3.5	0.7	0.7	3.7	5	0.1	0.2	0.3	39	0.04	0.078	8	11	0.17	65	0.131	2	3.48	0.015	0.06	0.2	0.08	1.8	0.1	<.05	11	<.5	<1	1	21
FA-5 37+00W	557595	5467006	0.7	5.6	12.3	25	<.1	4.1	1.9	89	1.53	1.5	0.3	6.7	3.1	4	<.1	0.3	0.4	39	0.04	0.027	14	8	0.12	40	0.106	1	1.24	0.011	0.04	0.1	0.01	1.1	0.1	<.05	12	<.5	<1	1	5.3
FA-5 37+50W	557628	5466962	0.6	5.4	7.4	36	<.1	5.7	3.4	629	1.43	1.8	0.5	0.6	4.3	4	0.1	0.2	0.2	24	0.03	0.045	20	7	0.16	49	0.061	2	1.84	0.008	0.06	0.1	0.04	1.2	0.1	<.05	7	<.5	<1	1	7.1
FA-5 38+00W	557663	5466928	0.5	7.4	5.4	35	<.1	7.2	4.1	124	1.3	1.8	0.7	3.3	3.9	3	0.1	0.2	0.1	17	0.02	0.046	12	6	0.18	80	0.052	1	2.66	0.008	0.04	0.2	0.04	1.7	0.1	<.05	5	<.5	<1	1	22
FA-5 38+50W	557697	5466892	0.8	6.5	10.2	37	<.1	7.1	3.5	151	1.98	2.7	0.8	2	4.4	4	0.1	0.2	0.3	28	0.02	0.067	11	9	0.2	57	0.069	1	2.65	0.007	0.04	0.2	0.04	1.5	0.1	<.05	8	<.5	<1	1	12.7
FA-5 39+00W	557732	5466861	0.4	5.2	5	28	<.1	7.5	4.3	96	1.39	2	0.6	1	6	2	0.1	0.2	0.2	14	0.01	0.024	22	7	0.26	62	0.027	1	1.31	0.004	0.04	0.1	<.01	1.1	0.1	<.05	3	<.5	<1	<1	6.4
FA-5 39+50W	557777	5466839	0.6	4.8	7.3	27	<.1	5.2	3.2	144	1.69	2.3	0.6	1.3	4.4	3	<.1	0.2	0.2	24	0.02	0.048	14	7	0.17	48	0.052	1	1.92	0.006	0.04	0.1	0.04	1.2	0.1	<.05	7	<.5	<1	1	10.1
FA-5 40+00W	557817	5466819	0.5	6.5	9.7	28	<.1	8	4.1	89	1.71	2.5	0.9	1	5.2	3	0.1	0.1	0.3	23	0.02	0.059	14	8	0.32	74	0.052	<1	2.14	0.008	0.03	0.2	0.05	1.4	0.1	<.05	8	<.5	<1	1	10.1
FA-5 40+50W	557863	5466792	0.7	10.2	11.8	26	<.1	4.3	2.5	228	2.09	3	0.8	2.7	2.6	4	0.1	0.2	0.3	35	0.06	0.093	5	8	0.08	49	0.103	<1	3.54	0.014	0.03	0.1	0.1	1.7	<.1	<.05	11	<.5	<1	1	24.7
FA-5 41+00W	557898	5466764	0.3	4.2	9.2	30	<.1	9.4	4	202	1.43	2.3	0.6	<.5	3.5	5	0.1	0.2	0.3	17	0.06	0.042	18	8	0.41	71	0.032	1	0.96	0.005	0.06	0.1	0.03	0.8	0.1	<.05	5	<.5	<1	<1	0.6
FA-5 41+50W	557933	5466734	1	10.7	12.1	59	<.1	10.4	7.7	2482	2.23	3.1	1.9	0.6	4.1	7	0.1	0.2	0.4	31	0.06	0.084	15	11	0.32	100	0.091	1	2.18	0.009	0.07	0.2	0.05	1.6	0.2	<.05	9	<.5	<1	1	5.6
FA-5 42+00W	557963	5466703	0.6	9.9	10.9	50	<.1	13	6.8	418	2.07	3.8	0.9	2.3	4.9	4	0.1	0.2	0.3	28	0.03	0.074	12	11	0.25	77	0.072	1	2.55	0.008	0.04	0.2	0.06	1.5	0.1	<.05	7	<.5	<1	1	9
FA-5 42+50W	558020	5466707	0.6	7.2	11.1	43	<.1	7.7	4.6	627	2.2	2.8	0.6	<.5	4.1	4	0.1	0.2	0.4	32	0.03	0.06	14	9	0.18	50	0.063	1	1.78	0.006	0.05	0.2	0.05	1.3	0.1	<.05	8	<.5	<1	1	5.5
FA-5 43+00W	558075	5466692	0.8	10.6	9.2	49	0.1	8.3	5.4	610	1.68	2.8	1.1	0.6	3.7	5	0.1	0.1	0.3	21	0.03	0.053	11	8	0.15	66	0.071	1	2.69	0.01	0.04	0.2	0.08	1.3	0.1	<.05	7	<.5	<1	1	16.2
43+50	558120	5466671																																							
FA-5 44+00W	558162	5466650	0.6	9.6	10.1	42	0.1	8.4	5.8	442	1.93	3.4	0.9	4.4	5.4	3	0.1	0.2	0.3	21	0.02	0.052	13	8	0.2	61	0.057	1	1.88	0.006	0.03	0.2	0.04	1.3	0.1	<.05	6	<.5	<1	1	8.2
FA-5 44+50W	558199	5466621	0.9	12.3	16.7	45	0.2	7.4	6.4	411	1.96	4.4	0.9	2.1	4	4	0.2	0.2	0.4	27	0.03	0.064	9	8	0.13	73	0.077	<1	2.53	0.01	0.04	0.3	0.05	1.7	0.1	<.05	8	<.5	<1	1	21.3
FA-5 45+00W	558234	5466582	0.7	13.1	19.9	49	0.4	8.1	6.8	287	2	5.4	1	2.5	5.1	6	0.2	0.2	0.3	24	0.03	0.075	8	9	0.13	64	0.06	1	3.32	0.011	0.04	0.2	0.07	1.6	0.1	<.05	8	<.5	<1	1	28.4
FA-5 45+50W	558257	5466542	0.4	16.4	20.3	49	<.1	11.7	7.2	296	2.06	9.1	1	2.7	8.2	4	0.1	0.3	0.4	13	0.02	0.037	28	9	0.27	55	0.018	<1	1.4	0.005	0.06	0.1	0.03	1.1	0.1	<.05	4	<.5	<1	<1	3.3
46+00	558271	5466495																																							
FA-5 46+50W	558281	5466442	0.9	13	20.8	59	0.3	11	6.4	149	2.46	7.3	0.9	6.3	6.8	4	0.1	0.2	0.4	24	0.02	0.065	14	11	0.2	56	0.048	1	3.2	0.008	0.05	0.2	0.06	1.6	0.1	<.05	6	<.5	<1	1	20.5
FA-5 47+00W	558286	5466396	0.8	12.7	21.7	59	0.4	7.9	5.6	437	2.36	6.7	0.7	19	4.2	5	0.2	0.4	0.4	27	0.04	0.056	14	10	0.21	46	0.037	1	1.79	0.006	0.06	0.2	0.06	1.2	0.1	<.05	7	<.5	<1	1	4.2
FA-5 47+50W	558299	5466349	1	11.2	32.5	81	0.1	11.1	8.1	991	2.59	7.6	0.6	1.4	3.9	6	0.2	0.5	0.5	31	0.05	0.065	10	12	0.21	64	0.072	1	1.98	0.011	0.06	0.3	0.08	1.3	0.1	<.05	9	<.5	<1	1	7
FA-5 48+00W	558320	5466306	0.9	12.4	46.2	74	0.2	11.1	8.8	1358	2.26	9.6	0.6	3.9	4.1	9	0.3	0.7	0.6	23	0.09	0.052	14	9	0.22	78	0.037	1	1.32	0.007	0.08	0.2	0.08	1.1	0.1	<.05	6	<.5	<1	1	2.2
FA-5 48+50W	558339	5466266	1.1	21.7	35	101	0.3	17.5	16.6	905	2.36	12.4	1.2	8.9	7.4	6	0.3	0.3	0.5	20	0.03	0.088	20	10	0.27	72	0.049	1	2.3	0.008	0.08	0.2	0.07	1.6	0.1	<.05	6	<.5	<1	1	8.4
FA-5 49+00W	558375	5466229	0.8	19.7	87.7	147	1	13.6	10.5	479	2.79	12.6	0.7	1.5	5.7	6	0.7	0.4	0.8	25	0.05	0.052	16	10	0.22	73	0.038	1	1.57	0.007	0.08	0.2	0.06	1.2	0.1	<.05	7	<.5	<1	1	2.3
FA-5 49+50W	558405	5466183	0.7	18.7	39.7	119	0.2	16.7	10.7	849	2.62	17.3	0.9	5.3	6.3	6	0.4	0.4	0.6	21	0.04	0.077	19	10	0.3	78	0.041	1	1.67	0.007	0.07	0.2	0.04	1.2	0.1	<.05	6	<.5	<1	1	2.4
FA-5 50+00W	558447	5466151	0.6	30.6	41.4	99	0.4	20.9	14.9	555	2.87	12.8	4.8	2.5	8.9	13	0.3	0.5	1	20	0.08	0.067	23	11	0.29	56	0.073	1	2.55	0.01	0.07	0.2	0.05	2.1	0.1	<.05	7	<.5	<1	1	13.7
50+50	558465	5466140																																							
51+00	558507	5466086																																							
51+50	558560	5466062																																							
FA-5 52+00W	558589	5466037	0.7	11.4	19.1	47	0.2	7.7	4.2	520	2.12	5.1	0.6	3.1	4.6	5	0.2	0.2	0.4	26	0.04	0.07	14	10	0.17	63	0.04	1	2.36	0.009	0.07	0.2	0.05	1.6	0.1	<.05	8	0.5	<1	1	9.2
FA-5 52+50W	558633	5466009	0.7	12.3	19	48	0.2	7.9	4.4	510	2.14	5.4	0.7	7.1	4.7	5	0.1	0.2	0.4	25	0.04	0.071	14	10	0.18	57	0.041	1	2.52	0.009	0.06	0.1	0.06	1.6	0.1	<.05	8	<.5	<1	1	10.1
FA-5 53+00W	558678	5465973	0.9	12.2	19.9	47	0.2	8	4.2	329	2.45	5.8	0.8	2.5	5.6	5	0.1	0.2	0.4	27	0.03	0.078	11	11	0.18	51	0.051	1	3.25	0.011	0.06	0.2	0.06	1.8	0.1	<.05	8	<.5	<1	1	17.6
FA-5 53+50W	558700	5465942	0.8	14.5	18.8	50	0.3	8.3	5.5	307	2.69	5.1	1	6.1	5.6	4	0.1	0.3	0.4	31	0.03	0.056	10	11	0.17	49	0.073	1	3.06	0.01	0.05	0.2	0.06	2.1	0.1	<.05	10	<.5	<1	1	24.9
FA-5 54+00W	558706	5465920	0.9	14.9	19	49	0.3	8.2	4.6	282	2.61	4.8	1	19.5	5.3	4	0.1	0.3	0.4	32	0.03	0.051	11	11	0.16	54	0.073	1	2.88	0.011	0.05	0.2	0.08	2.1	0.1	<.05	10	<.5	<1	1	22.4
FA-5 54+50W	558710	5465900	0.7	13.1	18.5	48	0.2	7.6	4.5	316	2.27	4.9	0.7	57.5	5.3	5	0.1	0.3	0.5	29	0.03	0.046	14	10	0.18	51	0.049	1	2.26	0.009	0.05	0.2	0.06	1.6	0.1	<.05	9	<.5	<1	1	12
FA-5 55+00W	558719	5465868	0.8	11.8	18.4	46	0.2	8.2	4.1	274	2.14	5.5	0.8	2.2	5.2	5	0.1	0.2	0.4	25	0.03	0.066	11	10	0.19	50	0.045	1	3	0.009	0.05	0.2	0.05	1.6	0.1	<.05	8	<.5	<1	1	16
FA-6 00+00W	560273	5468149	0.9	14.1	15.2	44	0.3	5.9	4.5	176	1.94	5.5	1.1	2.9	3.5	4	0.3	0.3	0.3	26	0.03	0.091	6	7	0.1	53	0.079	1	3.46	0.01	0.04	0.2	0.08	1.8	0.1	<.05	8	0.5	<1	1	27
FA-6 00+50W	560217	5468155	0.8	13.1	14.5	47	<.1	10.9	4.9	134	3.42	9.1	0.7	0.8	5.9	4	0.1	0.4	0.5	26	0.02	0.039	19	13	0.28	52	0.016	<1	1.8	0.005	0.04	0.2	0.03	1.7	0.1	<.05	6	<.5	<1	<1	3
FA-6 01+00W	560180	5468169	0.8	15.4	29	73	0.2	14.4	7.3	157	3.95	12.5	2.9	2.8	7.1	10	0.3	0.5	0.5	32	0.06	0.074	15	17	0.24	113	0.083	1	3.97	0.009	0.05	0.2	0.08	2.6	0.1	<.05	10	<.5	<1	1	20.1
FA-6 01+50W	560153	5468135	0.5	9.3	11.4	43	<.1	10	5.5	118	2	4	0.6	3.4	5.3	8	0.1	0.2	0.3	16	0.04	0.02	24	9	0.29	70	0.012	1	1.26	0.005	0.04	0.1	0.01	0.9	0.1	<.05	4	<.5	<1	<1	1.1
FA-6 02+00W	560089	5468147	1	19.2	18.7	55	0.3	10.4	7.9	185	2.33	5.8	1.4	3	5.1	6	0.2	0.2	0.4	32	0.04	0.125	8	11	0.18	66	0.111	1	5.04	0.012	0.04	0.3	0.1	2.6	0.1	0.08	10	0.7	<1	1	46.9
FA-6 02+50W	560042	5468134	0.9	17.1	19.2	62	0.1	12.1	6.9	206	2.51	6.2	1	1.3	5.8	5	0.1	0.2	0.5	27	0.03	0.054	20	12	0.28	60	0.042	1	2.39	0.005	0.06	0.2	0.08	1.8	0.1	<.05	7	0.5	<1	1	8.9
FA-6 03+00W	559995	5468129	1.1	15.9	26	84	0.1	13.5	13.3	331	3.06	7.4	1	1.4	5	9	0.2	0.3	0.5	32	0.05	0.066	14	13	0.26	101	0.074	1	2.94	0.009	0.06	0.2	0.05	1.8	0.1	<.05	10	<.5	<1	1	11.7
FA-6 03+50W	559939	5468156	1	12.4	22.6	41	0.2	7.6	8.9	326	2.46	5.1	0.8	4.8	3.6	8	0.3	0.2	0.4	27	0.06	0.047	12	10	0.13	68	0.063	1	2.87	0.009	0.04	0.2	0.1	1.7	0.1	<.05	8	0.6	<1	1	9.5
FA-6 04+00W	559895	5468163	0.6	13.2	17.4	64	<.1	12.4	8	122	2.63	6.2	0.8	1.3	5.9	5	0.1	0.2	0.4	22	0.03	0.037	22	12	0.3	94	0.02	<1	2.27	0.005	0.05	0.2	0.06	1.6	0.1	<.05	6	<.5	<1	1	5.8
FA-6 04+50W	559866	5468201	0.4	14.5	27.6	27	0.2	7	3	71	1.3	2.7	1.7	0.9	0.7	20	0.3	0.1	0.5	19	0.12	0.027	27	9	0.19	82	0.044	<1	1.29	0.011	0.05	0.1	0.02	1	0.1	<.05	8	<.5	<1	1	1.5
FA-6 05+00W	559832	5468224	0.8	12.2	15	42	0.1	8.9	5.6	148	2.59	3.3	1	2.5	5.7	6	0.2	0.1	0.4	23	0.03	0.058	17	12	0.19	66	0.055	1	2.74	0.007	0.05	0.2	0.08	1.6	0.1	<.05	7	0.5	<1	1	7.6
FA-6 05+50W	559796	5468192	0.7	10.9	15	43	<.1	6.7	5.7	710	1.89	3.6	0.6	2.7	3.5	9	0.1	0.2	0.3	27	0.06	0.068	12	8	0.11	81	0.057	1	2.46	0.01	0.05	0.2	0.07	1.6	0.1	<.05	8	<.5	<1	1	8.4
FA-6 06+00W	559750	5468164	0.6	14.3	11.9	50	<.1	11.9	7.1	281	2.09	2.8	0.8	1.4	6.5	4	0.1	0.1	0.3	17	0.02	0.055	20	10	0.25	75	0.021	<1	2.44	0.006	0.04	0.2	0.05	1.7	0.1	<.05	5	<.5	<1	<1	10.3
FA-6 06+50W	559709	5468146	0.8	11.9	13.1	43	0.1	8.5	5.4	259	2.15	2.8	0.8	1.2	3.5	7	0.1	0.2	0.5	31	0.05	0.05	17	10	0.17	79	0.06	1	2.12	0.007	0.06	0.2	0.05	1.6	0.1	<.05	9	<.5	<1	1	3.1
FA-6 07+00W	559654	5468175	0.8	16.2	11.5	45	0.1	9.2	9.3	393	2	3.2	1.3	2.1	4.8	5	0.1	0.2	0.3	29	0.03	0.079	13	11	0.16	60	0.089	1	3.82	0.01	0.05	0.2	0.11	2.5	0.1	<.05	8	0.6	<1	1	22.3
FA-6 07+50W	559612	5468171	0.5	9.6	9.4	56	<.1	10.9	6.6	189	2.01	2.6	0.8	1.6	5.2	6	0.1	0.2	0.3	22	0.03	0.045	18	10	0.24	81	0.046	1	2.46	0.006	0.04	0.2	0.05	1.9	0.1	<.05	6	<.5	<1	1	18.6
FA-6 08+00W	559558	5468167	0.6	11.3	10	41	<.1	9.2	5.9	182	2.03	2	1	2.8	5.6	4	0.1	0.1	0.4	30	0.03	0.046	15	10	0.19	100	0.073	1	2.6	0.01	0.04	0.2	0.05	2.3	0.1	<.05	8	<.5	<1	1	16.2
FA-6 08+50W	559511	5468171	1	11.2	15.9	49	<.1	8.6	4.4	250	3.15	5.5	0.8	1.7	6.1	5	0.2	0.3	0.5	42	0.02	0.08	13	14	0.17	54	0.096	1	2.78	0.007	0.04	0.3	0.08	1.9	0.1	<.05	11	<.5	<1	1	12.9
FA-6 09+00W	559463	5468189	0.9	16.8	12.9	45	<.1	9.3	5.9	191	2.21	3.8	1.2	1.5	4.5	5	0.1	0.2	0.3	32	0.03	0.092	8	11	0.16	65	0.108	1	4.89	0.012	0.04	0.2	0.1	2.6	0.1	0.07	10	0.7	<1	1	26.1
FA-6 09+50W	559411	5468216	1	13.3	16.3	51	<.1	11.1	6.3	193	2.74	5.2	1	2.1	5.9	4	0.1	0.3	0.4	32	0.03	0.08	11	13	0.24	61	0.075	1	3.49	0.008	0.05	0.2	0.07	2.2	0.1	<.05	9	0.5	<1	1	17.1
FA-6 10+00W	559369	5468238	1	14	14	57	<.1	10.3	8	499	2.56	3.8	1	1.3	5.1	5	0.2	0.2	0.4	32	0.03	0.095	9	12	0.17	65	0.084	1	4.16	0.008	0.04	0.2	0.09	2	0.1	<.05	10	0.6	<1	1	19.5
FA-6 10+50W	559335	5468287	0.6	8.2	14	32	<.1	8.1	5.1	143	2.32	2.3	1.3	2.1	5.5	3	0.1	0.2	0.3	31	0.02	0.076	15	11	0.19	61	0.07	1	3.22	0.007	0.05	0.2	0.09	2.3	0.1	<.05	8	0.5	<1	1	13.9
FA-6 11+00W	559294	5468305	0.7	8.1	11.1	43	<.1	10.5	6.8	162	2.22	2.3	0.8	128.9	5.6	4	0.1	0.1	0.3	27	0.03	0.066	17	11	0.27	90	0.06	1	2.56	0.007	0.06	0.2	0.05	1.9	0.1	<.05	8	<.5	<1	1	10
FA-6 11+50W	559250	5468333	0.2	7	4.9	29	<.1	9.5	4.5	119	1.21	0.7	1.2	1.1	3.5	6	0.1	0.1	0.2	9	0.03	0.023	26	8	0.37	78	0.011	<1	1.09	0.004	0.05	0.1	0.01	0.9	<.1	<.05	3	<.5	<1	<1	0.4
FA-6 12+00W	559214	5468365	0.3	4.5	5.8	39	<.1	9.8	4.9	88	1.7	1.2	0.7	<.5	4.9	4	0.1	0.1	0.2	14	0.02	0.025	25	8	0.33	70	0.024	<1	1.23	0.018	0.04	0.1	0.03	0.8	<.1	<.05	4	<.5	<1	<1	0.7
FA-6 12+50W	559176	5468388	0.3	5	6.4	33	<.1	10.5	5.9	112	1.54	1.5	0.8	2.1	8.1	2	<.1	0.1	0.2	11	0.01	0.032	24	8	0.28	53	0.016	<1	1.42	0.002	0.03	0.1	0.02	0.9	<.1	<.05	2	<.5	<1	<1	2.5
FA-6 13+00W	559141	5468421	0.5	8	11.3	41	<.1	9.3	5	148	2.01	2.2	1	0.5	5.9	4	0.1	0.2	0.3	23	0.02	0.041	21	9	0.25	105	0.072	<1	1.64	0.008	0.04	0.2	0.02	1.2	0.1	<.05	9	<.5	<1	1	7.3
FA-6 13+50W	559129	5468466	0.7	7.5	10.7	34	<.1	7.3	3.5	114	2.04	2.7	0.6	1.7	4.6	4	0.1	0.3	0.4	29	0.02	0.031	21	9	0.17	54	0.054	1	1.35	0.005	0.04	0.2	0.03	1.1	0.1	<.05	8	<.5	<1	1	2.3
FA-6 14+00W	559072	5468487	0.6	6.7	9.8	40	<.1	10	4.7	106	2.37	2.2	0.7	1.3	6.4	4	<.1	0.2	0.3	26	0.02	0.034	21	11	0.22	72	0.041	1	2.2	0.004	0.05	0.2	0.03	1.5	0.1	<.05	6	<.5	<1	1	4.3
FA-6 14+50W	559021	5468512	1	8.5	13.2	53	<.1	9.7	6.9	322	2.58	3.4	0.7	1.3	4.8	6	0.1	0.2	0.4	37	0.03	0.04	15	12	0.21	99	0.073	1	2.26	0.006	0.05	0.2	0.05	1.5	0.1	<.05	9	<.5	<1	1	6.1
FA-6 15+00W	558987	5468542	0.7	8.9	11.7	42	<.1	10.6	5.2	156	2.43	3.8	0.9	1.4	6.9	4	0.1	0.2	0.4	26	0.02	0.06	15	11	0.23	69	0.054	1	2.36	0.005	0.05	0.2	0.04	1.6	0.1	<.05	8	<.5	<1	1	7.9
FA-6 15+50W	558962	5468582	0.5	10.9	10.9	48	<.1	9.7	6.2	274	2.03	3	0.8	1.8	6.4	3	0.1	0.2	0.4	21	0.02	0.065	17	10	0.24	68	0.042	1	1.97	0.005	0.04	0.2	0.03	1.6	0.1	<.05	6	<.5	<1	1	5.3
FA-6 16+00W	558919	5468610	0.7	7.4	11.3	39	<.1	9.7	6.6	139	2.15	2.8	0.8	2.5	5.7	4	0.1	0.2	0.3	23	0.02	0.044	20	10	0.21	94	0.052	1	2.35	0.006	0.05	0.2	0.05	1.7	0.1	<.05	6	<.5	<1	1	8.5
FA-6 16+50W	558880	5468638	0.6	7.8	9.8	38	<.1	9.5	6.4	295	1.84	2.9	0.7	10.1	5.8	5	0.1	0.2	0.3	24	0.03	0.049	19	10	0.2	85	0.048	1	2.31	0.006	0.05	0.2	0.06	1.8	0.1	<.05	6	<.5	<1	1	10.7
FA-6 17+00W	558832	5468657	0.6	7.7	10.8	34	<.1	11.3	6.8	118	1.94	2.4	0.9	2.1	6.8	3	0.1	0.2	0.3	22	0.02	0.039	19	10	0.24	96	0.051	1	2.73	0.005	0.04	0.2	0.04	2	0.1	<.05	6	<.5	<1	1	11.9
FA-6 17+50W	558780	5468674	0.4	7.3	7.7	37	<.1	10.2	5.2	80	1.72	1.7	0.7	2.3	6.4	3	<.1	0.1	0.2	17	0.01	0.033	28	9	0.29	61	0.023	1	1.57	0.003	0.05	0.1	0.04	1.1	0.1	<.05	4	<.5	<1	<1	4.8
FA-6 18+00W	558751	5468709	0.3	6.3	6.4	36	<.1	8.9	4.8	177	1.47	1.7	0.7	1.6	4.7	4	0.1	0.1	0.2	14	0.03	0.039	24	8	0.26	71	0.023	1	1.43	0.004	0.04	0.1	0.02	1	0.1	<.05	4	<.5	<1	<1	2.1
FA-6 18+50W	558718	5468746	0.8	17.5	10.8	48	<.1	9	8.8	246	1.8	2.6	1.2	2.6	4.7	5	0.2	0.1	0.2	29	0.03	0.088	9	10	0.13	74	0.121	1	4.48	0.015	0.04	0.2	0.07	3.5	0.1	0.07	9	0.5	<1	1	67.1
FA-6 19+00W	558688	5468785	0.3	4.1	8.5	23	<.1	4.6	2.5	67	1.48	1.7	0.5	3.7	4.2	4	<.1	0.1	0.3	17	0.02	0.039	22	7	0.13	50	0.025	1	1.24	0.004	0.03	0.1	0.02	0.9	0.1	<.05	5	<.5	<1	<1	1.2
FA-6 19+50W	558664	5468814	0.7	9.2	11.7	36	<.1	7.4	4.8	88	2.01	2.5	0.8	8.6	5.1	4	0.1	0.2	0.3	27	0.02	0.068	8	9	0.14	53	0.079	1	3.4	0.009	0.03	0.2	0.04	1.7	0.1	<.05	8	<.5	<1	1	32.5
FA-7 00+00W	559388	5467205	1.4	26.7	47.2	76	0.1	15.2	6.1	219	3.05	22.6	1.2	8.5	7.4	6	0.3	0.6	0.6	16	0.05	0.04	20	12	0.3	93	0.017	1	1.52	0.004	0.12	0.2	0.06	1.2	0.2	<.05	5	<.5	<1	<1	0.5
FA-7 00+50W	559343	5467223	1.3	21.5	27.7	68	<.1	14.1	6.1	153	2.42	11.7	0.9	17.1	8.9	2	0.1	0.4	0.5	12	0.01	0.025	25	11	0.27	106	0.017	1	1.75	0.003	0.19	0.1	0.03	1.4	0.2	<.05	3	<.5	<1	<1	2.4
FA-7 01+00W	559304	5467218	1.2	13.5	24	51	<.1	9.1	3.8	196	2.76	8.7	0.6	1.5	5.6	3	0.1	0.5	0.5	20	0.03	0.038	17	10	0.2	74	0.014	1	1.61	0.004	0.14	0.2	0.04	1.1	0.2	<.05	5	<.5	<1	<1	2.9
FA-7 01+50W	559300	5467175	1.1	14	19.6	72	0.2	10.6	4.9	119	2.54	7.3	0.9	1.5	6	3	0.1	0.3	0.4	21	0.01	0.022	21	11	0.22	88	0.023	1	2.27	0.004	0.13	0.2	0.05	1.9	0.2	<.05	5	0.5	<1	<1	10.3
FA-7 02+00W	559284	5467135	0.8	5.3	16.5	17	0.1	2.8	1.1	47	1.71	3.7	0.4	0.8	2.7	2	0.1	0.3	0.4	19	0.01	0.017	14	6	0.07	28	0.036	1	1.11	0.006	0.06	0.1	0.05	0.7	0.1	<.05	7	<.5	<1	1	1.7
FA-7 02+50W	559243	5467105	1.2	12.1	19.1	41	0.7	6.2	2.2	153	4.17	6.9	1.1	2.6	4.3	6	0.3	0.4	0.4	36	0.03	0.074	8	13	0.11	58	0.09	1	3.09	0.006	0.03	0.3	0.19	1.6	0.1	<.05	12	0.7	<1	1	20
FA-7 03+00W	559216	5467083	1	14.7	24.4	60	0.2	8	3.2	135	3.39	11	0.9	1.4	7.6	3	0.1	0.5	0.5	21	0.01	0.043	15	13	0.35	57	0.015	<1	2.41	0.003	0.05	0.2	0.06	1.2	0.1	<.05	6	<.5	<1	<1	6.2
FA-7 03+50W	559180	5467148	0.6	8.1	14	21	0.3	3.1	1.2	88	1.85	5.1	0.4	1	1.7	8	0.2	0.3	0.4	21	0.06	0.034	7	6	0.08	51	0.023	1	1.23	0.005	0.03	0.1	0.05	0.6	0.1	<.05	7	<.5	<1	1	3.4
FA-7 04+00W	559155	5467205	1	22.4	30.3	79	0.3	13	6.3	310	3.34	13.6	1.1	1.6	7.9	7	0.2	0.5	0.6	17	0.05	0.05	18	13	0.36	55	0.008	<1	1.91	0.003	0.06	0.2	0.07	1	0.1	<.05	5	<.5	<1	<1	1.5
FA-7 04+50W	559127	5467244	1	18.8	25.4	76	0.2	11.2	5.2	226	3.41	14.3	1.3	3.2	9.1	4	0.1	0.5	0.6	18	0.03	0.048	21	13	0.4	51	0.014	1	2.25	0.003	0.06	0.2	0.05	1.4	0.1	<.05	5	<.5	<1	<1	7.1
FA-7 05+00W	559081	5467259	0.8	12.4	19.9	45	0.3	6.4	2.6	98	2.84	8.6	0.9	4.4	6.6	4	0.2	0.4	0.5	22	0.02	0.043	17	11	0.25	38	0.023	1	2.09	0.006	0.04	0.2	0.05	1.1	0.1	<.05	6	<.5	<1	<1	6
FA-7 05+50W	559028	5467271	0.9	19	38.8	59	0.4	9.6	11	501	2.2	8	1.2	2.2	2.3	21	0.6	0.3	0.5	19	0.18	0.049	16	9	0.26	98	0.03	1	1.32	0.008	0.05	0.1	0.06	1	0.1	<.05	6	<.5	<1	1	1.3
FA-7 06+00W	558982	5467281	0.7	17.7	11.6	28	0.3	6.1	2.3	57	2.46	6.1	1.1	5.9	3.7	7	0.3	0.2	0.2	29	0.04	0.111	5	7	0.12	38	0.11	1	4.9	0.014	0.04	0.2	0.02	1.9	0.1	<.05	11	<.5	<1	1	64.4
FA-7 06+50W	558951	5467245	0.9	12.9	13	25	0.4	4.2	2	75	2.43	4.9	1.3	2.7	4.3	3	0.1	0.2	0.3	23	0.02	0.053	7	10	0.09	30	0.089	1	5.28	0.012	0.02	0.2	0.16	2.3	0.1	0.09	10	0.6	<1	1	46.3
FA-7 07+00W	558917	5467210	0.8	17.9	23.1	60	<.1	10.7	7.2	248	2.41	12.3	1.1	5	3.9	4	0.2	0.3	0.4	12	0.02	0.046	24	10	0.42	47	0.009	<1	1.63	0.004	0.06	0.2	0.03	0.9	0.1	<.05	4	<.5	<1	<1	3
FA-7 07+50W	558900	5467220	0.8	12.5	18.2	50	0.1	8.4	4.7	157	2.71	11.2	1	7.6	5.5	4	0.1	0.2	0.3	22	0.03	0.056	16	10	0.23	54	0.033	<1	3.39	0.006	0.04	0.3	0.1	1.6	0.1	<.05	7	0.5	<1	1	18.2
FA-7 08+00W	558908	5467266	0.8	9.5	18.9	52	0.2	7.5	3.7	222	2.65	9.1	0.7	7.7	5.5	3	0.1	0.2	0.4	22	0.02	0.06	17	12	0.2	44	0.024	1	2.24	0.005	0.04	0.3	0.09	1.5	0.1	<.05	7	<.5	<1	1	6
FA-7 08+50W	558908	5467315	0.9	8	28.9	41	0.3	5.1	3	346	2.5	7.9	0.5	4	3.8	5	0.1	0.3	0.5	40	0.03	0.053	13	9	0.11	75	0.068	3	2.11	0.011	0.05	0.2	0.05	1.8	0.1	<.05	12	<.5	<1	1	9.3
FA-7 09+00W	558897	5467364	1.4	14.6	26.2	47	0.2	7.7	4	188	4.69	14.8	0.6	3.8	4.6	6	0.2	0.5	0.7	50	0.04	0.063	10	13	0.13	55	0.115	1	2.36	0.009	0.06	0.5	0.07	1.5	0.1	<.05	15	<.5	<1	1	12.2
FA-7 09+50W	558893	5467404	0.8	8.4	14.8	38	<.1	6.4	3.1	392	2.35	4.8	0.4	7.5	3.8	6	0.1	0.3	0.5	41	0.03	0.057	15	9	0.11	56	0.073	<1	1.15	0.01	0.05	0.3	0.02	1.4	0.1	<.05	10	<.5	<1	1	4
FA-7 10+00W	558898	5467642	0.9	12.2	19.9	62	0.1	9.3	6	696	2.27	6.6	0.7	9.7	4.5	4	0.1	0.3	0.5	30	0.03	0.062	15	10	0.18	84	0.044	1	2.28	0.007	0.06	0.2	0.06	2	0.2	<.05	9	<.5	<1	1	5.9

10+50	558873	5467524																					22	7	0.32	50	0.015	<1	1.13	0.003	0.04	0.1	0.02	0.8	0.1	<.05	2	<.5	<1	<1	1.2
FA-7 11+00W	558844	5467570	1	13	10.6	33	0.2	6.3	3.8	125	2.34	4.3	1	3.1	3.8	5	0.2	0.3	0.2	31	0.04	0.091	4	8	0.08	40	0.125	1	5.88	0.011	0.03	0.3	0.11	1.9	0.1	<.05	10	0.6	<1	1	57.1
11+50	558831	5467598																					24	9	0.37	63	0.009	<1	1.46	0.003	0.06	0.2	0.03	0.9	0.1	<.05	3	<.5	<1	<1	1.5
FA-7 12+00W	558801	5467630	1	21.2	13.2	49	0.2	9.1	4.7	208	2.07	3.8	1.2	5.1	4.7	4	0.2	0.3	0.3	29	0.03	0.133	5	9	0.15	50	0.107	1	4.77	0.011	0.04	0.3	0.1	2.1	0.1	<.05	9	0.6	<1	1	38.7
FA-7 12+50W	558761	5467678	0.8	10.2	14.6	37	0.1	6	3.1	651	2.15	3.6	0.6	2	3.5	4	0.1	0.3	0.4	35	0.03	0.085	7	9	0.11	43	0.093	1	2.99	0.008	0.03	0.2	0.1	1.5	0.1	<.05	11	<.5	<1	1	17.1
FA-7 13+00W	558738	5467695	0.6	6.9	11.5	34	0.1	5.9	3.2	187	2.08	4.2	0.7	4.7	5	4	0.1	0.3	0.4	27	0.03	0.14	13	8	0.13	56	0.054	<1	2.57	0.007	0.03	0.2	0.06	1.6	0.1	<.05	8	<.5	<1	1	14
FA-7 13+50W	558693	5467712	0.5	5.9	14.5	28	0.1	5.6	2.9	96	1.93	7	0.6	5.1	5	3	0.1	0.2	0.4	22	0.02	0.04	18	8	0.13	56	0.025	<1	1.68	0.006	0.06	0.4	0.05	1.5	0.1	<.05	7	<.5	<1	1	5.4
FA-7 14+00W	558658	5467753	1	8.2	16.2	23	<.1	4.8	2.3	88	2.78	5.1	0.7	93.2	5.3	3	0.1	0.4	0.7	48	0.01	0.057	12	11	0.11	28	0.097	1	1.66	0.006	0.04	0.3	0.08	1.4	0.1	<.05	13	<.5	<1	1	8.5
FA-7 14+50W	558606	5467755	1	10.2	11.1	34	0.1	5.9	5.2	403	2.69	3.9	0.8	3	3.4	6	0.3	0.2	0.3	35	0.04	0.144	4	11	0.09	57	0.12	1	5.69	0.01	0.03	0.3	0.14	1.7	0.1	<.05	12	0.6	<1	1	44.6
FA-7 15+00W	558577	5467785	0.6	7.7	17.9	30	<.1	3.6	1.7	669	1.72	3.4	0.4	1.9	2	8	0.2	0.3	0.5	35	0.09	0.117	5	7	0.06	63	0.104	1	2.09	0.01	0.04	0.1	0.05	1.2	0.1	<.05	13	<.5	<1	1	8
FA-7 15+50W	558522	5467814	0.6	6.6	13.1	33	<.1	6.1	3.3	377	2.92	5.1	0.7	7.1	5.6	3	0.1	0.2	0.4	26	0.01	0.076	18	10	0.15	39	0.022	1	1.68	0.004	0.05	0.3	0.08	1.1	0.1	<.05	6	<.5	<1	1	4.4
FA-7 16+00W	558486	5467791	0.5	9.3	9.5	55	<.1	10.7	6.5	282	1.97	3.1	0.8	10.3	6.4	4	0.1	0.2	0.3	20	0.03	0.05	16	11	0.23	58	0.028	1	2.45	0.005	0.07	0.3	0.05	2.1	0.1	<.05	5	<.5	<1	1	16.2
FA-7 16+50W	558426	5467844	0.7	7.7	14.9	33	<.1	7.4	3.9	251	2.8	5.7	0.7	1.7	5.8	3	0.2	0.4	0.5	32	0.02	0.059	16	12	0.2	32	0.038	1	1.6	0.006	0.04	0.2	0.07	1.3	0.1	<.05	7	<.5	<1	1	4.1
FA-7 17+00W	558401	5467864	0.3	6.5	9.2	38	<.1	10.3	5.3	146	2.27	4.3	1	10.6	7.7	3	0.1	0.2	0.4	14	0.02	0.054	22	9	0.29	43	0.014	1	1.14	0.005	0.07	0.3	0.05	0.9	0.1	<.05	3	<.5	<1	<1	1.5
FA-7 17+50W	558339	5467866	0.4	6.2	9.2	48	<.1	11.1	5.7	138	2.1	3.1	1.1	1.8	5	4	0.1	0.2	0.3	20	0.02	0.026	26	11	0.35	116	0.028	1	1.15	0.004	0.06	0.2	0.02	1	0.1	<.05	5	<.5	<1	1	0.8
18+00	558289	5467879																																							
FA-7 18+50W	558265	5467887	0.8	6.6	21	28	<.1	5.3	2.8	277	3.04	4.3	0.9	2.6	5.9	4	0.1	0.4	0.5	50	0.03	0.061	7	12	0.1	40	0.089	2	2.77	0.008	0.03	0.2	0.1	1.7	0.1	<.05	12	<.5	<1	1	14.2
FA-7 19+00W	558239	5467895	0.3	6.6	5.7	40	<.1	10.6	5.6	170	1.71	2.4	0.9	1.6	6.8	3	0.1	0.1	0.2	10	0.01	0.067	20	7	0.32	54	0.013	<1	1.37	0.003	0.06	0.2	0.04	1.1	<.1	<.05	2	<.5	<1	<1	4.2
FA-7 19+50W	558185	5467881	0.7	7.6	13.2	41	<.1	8.6	6.8	502	1.94	1.9	2.3	0.9	2	12	0.2	0.2	0.4	23	0.12	0.031	19	9	0.29	293	0.033	<1	1.37	0.011	0.06	0.1	0.02	1.1	0.1	<.05	6	<.5	<1	1	0.6
FA-7 20+00W	558147	5467920	0.9	8.3	9.4	17	<.1	3.3	1.5	58	2.52	3.9	0.7	4.2	2.9	4	0.1	0.2	0.2	42	0.02	0.077	3	8	0.05	25	0.123	1	4.25	0.01	0.02	0.2	0.13	1.4	<.1	<.05	12	0.5	<1	1	53.2
FA-7 20+50W	558117	5467932	0.4	4	7.3	25	<.1	5.7	3	52	1.46	2.1	0.8	1.4	5.1	2	0.1	0.2	0.2	15	0.01	0.037	16	6	0.18	46	0.02	<1	1.56	0.006	0.04	0.2	0.05	1.5	0.1	<.05	4	<.5	<1	<1	5.8
FA-7 21+00W	558052	5467920	0.4	6.8	6.2	27	<.1	6.6	3.2	51	1.68	2	0.6	2.3	4.5	2	0.1	0.2	0.2	20	0.01	0.05	15	7	0.22	44	0.031	<1	2.03	0.006	0.05	0.2	0.07	1.5	0.1	<.05	5	<.5	<1	<1	12
21+50	558016	5467902																					20	8	0.19	63	0.029	1	1.76	0.005	0.12	0.1	0.06	1.2	0.2	<.05	5	<.5	<1	<1	4.1
FA-7 22+00W	557966	5467899	0.3	2.4	6.9	16	<.1	3.2	1.4	33	1.59	2.3	0.5	3.8	5.5	2	<.1	0.2	0.2	16	0.01	0.026	17	7	0.14	24	0.016	<1	1.24	0.003	0.03	0.1	0.05	1	0.1	<.05	4	<.5	<1	<1	3.4
FA-7 22+50W	557919	5467890	0.7	11.6	36.5	37	0.1	7.3	6.1	211	2.03	6.9	2.8	2	4.3	7	0.2	0.2	0.3	26	0.05	0.058	8	8	0.16	138	0.096	1	2.23	0.01	0.05	0.3	0.07	1.7	0.1	<.05	9	<.5	<1	1	11.4
FA-10 00+00S	558344	5465385	1.3	24.6	33.3	81	0.2	21.2	9.3	360	2.74	12.9	1.5	3.7	10.7	5	0.1	0.4	0.6	21	0.03	0.038	31	15	0.42	79	0.05	1	2.07	0.006	0.22	0.2	0.04	1.9	0.3	<.05	5	<.5	<1	<1	2.6
FA-10 00+50S	558387	5465370	1.3	20.6	26.1	104	0.2	18.3	9.4	248	3.07	9.3	1.2	1.7	9.2	5	0.1	0.4	0.6	28	0.03	0.037	21	16	0.35	77	0.045	1	2.54	0.005	0.15	0.2	0.07	1.9	0.3	<.05	7	0.5	<1	<1	4.9
FA-10 01+00S	558420	5465347	1.4	15.4	20.4	60	0.1	12.9	4.8	186	2.85	10.6	0.8	2.3	5.8	5	0.1	0.5	0.6	25	0.03	0.03	23	12	0.29	58	0.038	1	1.47	0.004	0.17	0.2	0.02	1.3	0.3	<.05	6	<.5	<1	<1	0.9
FA-10 01+50S	558446	5465281	1.1	10.9	21.3	67	0.2	9.1	5	256	2.49	7.5	0.7	1.1	4.8	5	0.2	0.4	0.6	38	0.03	0.025	20	13	0.24	62	0.059	1	1.59	0.007	0.11	0.2	0.04	1.6	0.2	<.05	9	<.5	<1	1	2
FA-10 02+00S	558468	5465260	1.7	12.7	27.7	70	0.2	11	5	230	3.08	11.2	0.7	2.5	5.3	7	0.2	0.6	0.6	30	0.05	0.039	22	14	0.29	69	0.055	1	1.61	0.006	0.16	0.2	0.07	1.5	0.2	<.05	8	<.5	<1	<1	2.3
FA-10 02+50S	558497	5465232	1	9.2	19.9	40	0.2	6.7	3.5	116	1.98	6.1	0.5	1.7	4.2	10	0.2	0.4	0.5	29	0.1	0.022	23	10	0.18	96	0.053	1	1.06	0.006	0.1	0.2	0.03	1.3	0.2	<.05	6	<.5	<1	<1	1
FA-10 03+00S	558543	5465195	1.4	15.4	22.6	54	<.1	12.1	4.1	189	2.73	9.9	0.8	9.5	6.4	6	0.1	0.6	0.6	25	0.04	0.031	28	14	0.36	77	0.036	1	1.55	0.004	0.18	0.2	0.04	1.7	0.2	<.05	6	<.5	<1	<1	1
FA-10 03+50S	558567	5465166	2.1	18.9	22.8	86	0.2	14	5.5	181	3.51	19.5	0.9	1.2	7.1	6	0.2	0.6	0.6	27	0.05	0.035	22	16	0.4	61	0.056	1	1.63	0.004	0.18	0.2	0.04	1.4	0.2	<.05	6	<.5	<1	<1	2
FA-10 04+00S	558595	5465119	2.5	41	47.1	100	0.5	18.2	24.6	628	3.36	16.4	8.3	3.5	4.5	16	0.4	0.5	0.6	29	0.18	0.054	97	18	0.41	74	0.079	1	2.32	0.011	0.13	0.1	0.06	2.5	0.2	<.05	10	1.4	<1	1	4.1
FA-10 04+50S	558613	5465086	2.4	27.9	62.3	108	0.2	16.3	30.6	2000	2.57	17.8	5.1	3.3	1.5	30	0.9	1	0.6	25	0.46	0.082	126	15	0.44	106	0.046	2	1.84	0.009	0.13	0.2	0.09	1.7	0.3	0.08	6	1.2	<1	<1	0.6
FA-10 05+00S	558623	5465042	2	24.5	47.4	112	0.3	14.8	22.9	2577	2.72	9.1	2.1	1.3	2.4	25	0.7	0.6	0.6	30	0.33	0.069	47	15	0.44	155	0.072	2	1.57	0.009	0.14	0.2	0.1	1.6	0.3	0.07	7	<.5	<1	<1	0.9
FA-10 05+50S	558644	5464998	1.8	17.6	27	44	0.2	6.7	3.1	232	3.86	9.7	1.3	3.9	7.9	5	0.2	0.4	0.5	36	0.04	0.047	16	17	0.26	38	0.083	1	2.77	0.009	0.1	0.2	0.11	1.9	0.2	<.05	10	0.8	<1	<1	9.5
FA-10 06+00S	558656	5464957	0.8	6.9	9.1	16	<.1	2.5	1.1	57	0.66	2.6	0.3	2.8	1.6	5	0.1	0.3	0.3	22	0.03	0.016	16	4	0.04	34	0.027	2	0.58	0.007	0.04	0.1	0.02	0.8	0.2	<.05	6	<.5	<1	<1	0.3
FA-10 06+50S	558658	5464938	2.2	10.4	13.9	26	0.2	4.2	1.8	84	2.53	6.5	0.5	0.8	3.8	5	0.1	0.5	0.7	48	0.02	0.028	13	10	0.13	33	0.11	1	0.9	0.005	0.07	0.1	0.03	1.1	0.3	<.05	9	<.5	<1	1	2.8
FA-10 07+00S	558654	5464887	2	14.3	24.4	43	0.2	7.8	3.7	148	3.64	8.2	1	2	5.3	6	0.2	0.5	0.6	55	0.04	0.02	16	14	0.25	59	0.165	1	1.96	0.011	0.09	0.2	0.05	1.9	0.2	<.05	14	<.5	<1	2	23.2
FA-10 07+50S	558651	5464839	1.4	12.4	18.8	34	0.1	5.7	2.4	122	2.34	5.3	0.6	1.1	3.6	5	0.2	0.5	0.6	45	0.02	0.028	14	11	0.18	42	0.124	1	1.13	0.01	0.08	0.2	0.04	1.3	0.2	<.05	11	<.5	<1	1	4.1
FA-10 08+00S	558698	5464760	2.5	17.2	35	50	0.1	9.9	7.3	297	2.63	6	1	1.9	3.2	10	0.2	0.6	0.7	42	0.06	0.037	21	14	0.3	59	0.114	1	1.45	0.011	0.12	0.2	0.05	1.7	0.2	<.05	10	<.5	<1	1	3.6
FA-10 08+50S	558671	5464754	3.4	16.4	26.5	53	<.1	8.7	6.8	380	3.02	5.4	0.9	1.4	3.3	8	0.1	0.6	0.7	47	0.05	0.032	22	14	0.33	50	0.181	2	1.45	0.013	0.12	0.2	0.03	1.8	0.2	<.05	12	<.5	<1	2	4.2
FA-10 09+00S	558716	5464677	3.8	20.7	28.8	64	0.1	10.2	6.3	487	3.54	6.9	0.9	2.1	4.4	7	0.2	0.9	0.7	43	0.03	0.045	14	15	0.39	51	0.139	2	1.51	0.01	0.1	0.2	0.03	1.6	0.3	<.05	11	0.5	<1	1	5.1
FA-10 09+50S	558732	5464607	2	12.7	30.5	41	<.1	5.9	2.4	168	2.94	6.3	0.7	0.8	3.7	5	0.2	0.8	0.7	51	0.03	0.034	10	14	0.28	34	0.162	1	1.14	0.009	0.08	0.3	0.05	1.3	0.2	<.05	13	<.5	<1	1	6.2
FA-10 10+00S	558767	5464567	1.8	17.9	39.5	73	<.1	11.3	3.6	220	2.53	3.6	0.7	1	4.2	9	0.2	0.8	0.7	42	0.08	0.038	9	18	0.52	63	0.12	2	2.28	0.011	0.08	0.2	0.06	2	0.2	<.05	12	<.5	<1	1	12.1
FA-10 10+50S	558936	5464758	1.9	17.2	19.2	47	<.1	7.1	2.7	322	3.14	3.7	0.8	0.8	5.1	8	0.1	0.6	0.6	35	0.04	0.047	15	14	0.44	48	0.125	2	1.48	0.009	0.1	0.1	0.04	1.4	0.4	<.05	8	<.5	<1	1	4.8
FA-10 11+00S	558959	5464721	1.6	14.8	33.4	54	<.1	8.7	3.3	221	2.85	7.9	0.6	0.6	3.4	8	0.3	1.1	0.8	63	0.05	0.047	10	19	0.45	45	0.169	1	1.43	0.009	0.07	0.2	0.05	2.3	0.2	<.05	13	0.5	<1	2	4.3
FA-10 11+50S	559006	5464637	2.2	24.9	23.6	74	0.1	13.5	6.4	924	3.26	9.7	1.7	1.8	4.9	10	0.3	0.8	0.7	45	0.08	0.121	11	13	0.27	57	0.148	3	3.39	0.01	0.08	0.3	0.09	2.1	0.2	0.06	13	1	<1	1	17.5
FA-10 12+00S	559031	5464594	1.8	32.8	50.3	118	0.1	20.6	7.5	389	3.44	7.8	1.1	1.3	5.6	10	0.3	0.9	0.6	42	0.09	0.1	15	22	0.71	45	0.119	2	2.53	0.011	0.09	0.3	0.07	2.3	0.2	<.05	10	0.7	<1	1	8.8
FA-10 12+50S	559059	5464556	2	37.9	32.3	55	0.4	16.5	8.8	653	4.25	9.4	1.3	1.7	5	9	0.2	0.7	0.9	50	0.05	0.084	12	13	0.25	48	0.146	2	2.47	0.015	0.06	0.3	0.08	1.9	0.1	<.05	13	0.8	<1	2	12.3
FA-10 13+00S	559104	5464529	0.8	20	39.7	35	<.1	5.7	2.4	538	1.68	3.1	0.8	0.7	2	5	0.2	0.4	0.9	38	0.03	0.048	9	8	0.08	63	0.11	1	1.41	0.012	0.04	0.1	0.05	1.2	0.2	<.05	13	<.5	<1	2	8
FA-10 13+50S	559122	5464508	2.5	59.2	91.1	94	0.2	21.8	8.5	304	3.47	21.9	2	2.3	4.9	9	0.2	0.8	1.6	44	0.05	0.108	17	16	0.34	48	0.106	2	2.84	0.01	0.08	0.3	0.06	2.4	0.2	<.05	10	1.1	<1	1	10.7
FA-10 14+00S	559153	5464476	1.8	57.8	41.5	59	0.2	14.5	5.4	216	4.66	10.6	2	2.8	8.4	6	0.3	0.9	0.8	41	0.05	0.103	21	14	0.27	34	0.131	2	2.87	0.011	0.07	0.4	0.09	2.3	0.2	<.05	11	1.1	<1	1	23.9
FA-10 14+50S	559182	5464445	1.1	34.3	38.9	86	<.1	21	10.2	341	2.83	14.7	1.9	46.3	7.5	8	0.3	0.9	0.5	34	0.06	0.092	19	13	0.31	47	0.087	2	2.89	0.009	0.09	0.2	0.1	2.5	0.2	<.05	8	0.8	<1	1	17.4
FA-11 00+00S	557557	5465501	0.9	7.8	14.8	40	0.1	6.3	3.1	131	2.26	6	0.6	1.1	4.3	4	0.1	0.4	0.4	30	0.03	0.033	21	11	0.23	39	0.04	1	1.51	0.007	0.05	0.2	0.04	1.4	0.2	<.05	7	<.5	<1	1	1
FA-11 00+50S	557576	5465450	1	12.7	15.4	47	0.4	7.3	3.4	170	2.69	7.7	1.1	2.3	5	4	0.1	0.3	0.4	35	0.03	0.057	12	12	0.17	42	0.089	1	3.79	0.01	0.04	0.2	0.12	1.9	0.1	<.05	10	0.5	<1	1	17.5
FA-11 01+00S	557585	5465397	1.1	9	16.1	32	0.2	4.5	2.2	92	2.22	5.8	0.6	1.9	4.1	4	0.1	0.4	0.7	47	0.02	0.029	18	11	0.16	38	0.058	1	1.9	0.006	0.05	0.2	0.05	1.7	0.2	<.05	12	<.5	<1	1	2.8
FA-11 01+50S	557613	5465362	1.2	17	25.1	48	0.2	6.6	3.6	128	3.58	11.3	1	3	6.1	5	0.1	0.4	0.8	41	0.04	0.087	9	14	0.14	40	0.105	1	3.97	0.012	0.05	0.2	0.07	2	0.1	<.05	12	0.6	<1	1	29.7
FA-11 02+00S	557650	5465323	0.7	12.6	20	25	0.2	4.9	1.7	60	1.63	5.8	0.4	<.5	1.5	10	0.5	0.6	0.5	33	0.05	0.064	11	9	0.08	79	0.062	1	0.96	0.011	0.04	0.1	0.06	1.1	0.1	<.05	8	<.5	<1	1	3.1
FA-11 02+50S	557677	5465279	0.8	16.9	11.6	29	0.2	6.4	3	79	1.95	4.8	1.6	2.9	4.7	7	0.1	0.2	0.3	28	0.05	0.078	6	8	0.11	34	0.14	1	5.26	0.025	0.03	0.2	0.08	3	0.1	<.05	10	0.5	<1	1	75.1
FA-11 03+00S	557725	5465209	1.5	17.7	27.6	52	<.1	8	3.7	111	4.33	11.3	1	1.6	8.5	6	0.1	0.8	0.8	46	0.03	0.052	14	17	0.27	62	0.086	1	2.29	0.007	0.09	0.2	0.05	1.9	0.2	<.05	10	<.5	<1	1	14
FA-11 03+50S	557757	5465183	1	14.6	15.7	31	0.2	5.2	2.1	118	2.61	5.2	1.1	2.7	4.2	5	0.1	0.4	0.4	42	0.03	0.069	6	10	0.09	35	0.131	1	4.24	0.017	0.04	0.2	0.12	2.4	0.1	<.05	13	<.5	<1	1	52.2
FA-11 04+00S	557786	5465134	2.2	18.5	35.6	68	<.1	9.3	3.8	152	5.26	10.2	0.9	1.2	6.6	5	0.1	1.3	1.1	58	0.03	0.068	11	17	0.21	50	0.136	1	2.3	0.007	0.06	0.2	0.09	1.9	0.2	<.05	16	<.5	<1	2	13
FA-11 04+50S	557811	5465090	0.8	15.8	32.6	171	0.1	14.4	9.1	1069	2.95	9.1	0.8	4	4.8	9	0.2	0.7	0.9	44	0.06	0.07	10	12	0.19	127	0.15	2	2.66	0.016	0.09	0.2	0.07	2	0.2	<.05	13	0.5	<1	2	13.7
FA-11 05+00S	557849	5465048	1	25.2	41.1	158	<.1	25.7	12.6	544	3.42	18.8	1.6	2.9	10.7	16	0.4	0.9	0.7	33	0.15	0.108	21	17	0.36	124	0.095	2	2.95	0.008	0.15	0.2	0.11	2.3	0.3	<.05	8	0.6	<1	1	11.6
FA-11 05+50S	557909	5464994	1.1	23.2	43.6	100	0.1	15.5	7.3	334	3.9	13.2	1.2	0.7	5.8	7	0.1	0.8	1.2	49	0.04	0.06	17	18	0.33	66	0.098	1	1.9	0.006	0.14	0.2	0.05	2	0.3	<.05	11	<.5	<1	1	2.5
FA-11 06+00S	557962	5464957	1.3	25.7	26.7	95	<.1	17.3	6.9	539	3.17	6.8	1.1	0.9	2.4	10	0.2	0.7	0.6	37	0.07	0.138	18	16	0.35	73	0.072	2	2.04	0.007	0.1	0.1	0.05	1.6	0.2	<.05	8	<.5	<1	1	2.8
FA-11 06+50S	558007	5464901	1.5	29.8	32.4	97	0.2	16.6	9.7	1459	3.21	12.1	1.3	0.8	2.8	11	0.4	0.7	0.7	44	0.11	0.139	18	15	0.25	94	0.104	2	1.64	0.008	0.09	0.2	0.09	1.7	0.3	<.05	11	0.6	<1	1	3.2
FA-11 07+00S	558049	5464853	2	25.6	36.8	66	0.1	10.5	4.4	586	3.32	7.4	1.3	1.4	2.5	10	0.3	1	0.7	44	0.06	0.13	14	13	0.19	61	0.116	2	2.44	0.009	0.08	0.2	0.11	1.9	0.2	0.06	11	0.9	<1	1	8.8
FA-11 07+50S	558084	5464812	1.1	19.1	48.4	94	<.1	15.7	6.6	1751	2.91	29.3	1.1	0.9	3.4	7	0.5	1.1	0.8	44	0.05	0.076	17	17	0.33	76	0.087	2	1.87	0.006	0.14	0.2	0.07	1.9	0.4	<.05	9	0.7	<1	1	1.9
FA-11 08+00S	558113	5464764	1.2	27.2	41	109	0.1	21.5	12.2	1244	2.67	13.5	1.8	1.1	1.1	8	0.2	0.9	0.6	33	0.05	0.151	22	15	0.35	77	0.047	1	2.26	0.006	0.15	0.1	0.06	1.1	0.3	<.05	7	0.7	<1	1	1.7
FA-11 08+50S	558130	5464718	1.2	24.7	29.6	108	<.1	20	9.5	1330	3.05	6.8	1.5	2.5	1.9	8	0.1	0.7	0.6	42	0.05	0.112	18	16	0.37	94	0.082	2	2.35	0.007	0.15	0.1	0.05	1.6	0.3	<.05	10	0.6	<1	1	2.9
FA-11 09+00S	558144	5464677	1.2	29.1	36	112	<.1	19.8	12.7	2569	2.75	8.3	1.6	1	0.4	7	0.4	0.9	0.6	38	0.05	0.162	19	15	0.36	71	0.035	2	2.16	0.006	0.14	0.1	0.06	0.7	0.3	<.05	9	0.8	<1	1	1.3
FA-11 09+50S	558161	5464622	1.1	26.2	34.6	77	0.2	13.9	6.2	1232	2.73	8.9	1.2	1.8	1.6	8	0.3	0.6	0.7	38	0.06	0.085	20	15	0.3	93	0.06	1	1.93	0.007	0.12	0.1	0.05	1.6	0.3	<.05	10	0.5	<1	1	1.4
FA-11 10+00S	558178	5464575	1.4	26.8	41.1	81	<.1	16.5	7.4	496	3.29	16.7	2.1	12.2	3.6	6	0.1	0.6	0.5	38	0.04	0.148	22	17	0.38	57	0.075	2	3.23	0.007	0.13	0.1	0.09	2.3	0.2	<.05	9	0.9	<1	1	5.2
FA-11 10+50S	558193	5464528	1.1	12.6	21.1	51	<.1	8.1	3.3	209	2.23	16.9	0.8	0.7	4.3	5	0.1	0.6	0.7	38	0.02	0.049	19	12	0.21	41	0.073	1	1.37	0.006	0.1	0.2	0.04	1.6	0.3	<.05	9	<.5	<1	1	1.5
FA-11 11+00S	558214	5464492	2.1	21.8	46.3	57	<.1	10.7	4.4	255	2.83	19.9	1.4	3.5	3.7	6	0.1	0.7	1	40	0.03	0.053	22	13	0.27	50	0.082	1	1.61	0.008	0.11	0.1	0.07	1.6	0.3	<.05	10	0.6	<1	1	3.1
FA-11 11+50S	558258	5464455	1.5	16.8	29.1	63	<.1	11.2	4.3	331	2.91	11.6	1.1	4.4	3.4	6	0.1	0.6	0.6	47	0.03	0.055	17	18	0.41	45	0.099	1	1.57	0.006	0.12	0.2	0.05	1.7	0.3	<.05	10	<.5	<1	1	2.7
FA-11 12+00S	558268	5464411	0.6	11.5	20.3	29	<.1	4.3	1.9	187	1.08	5.4	0.6	20.8	1.2	4	0.2	0.3	0.7	23	0.02	0.032	20	7	0.08	59	0.032	1	0.89	0.004	0.05	0.1	0.03	0.8	0.3	<.05	7	<.5	<1	1	0.6
FA-11 12+50S	558285	5464358	1	15.8	34.7	33	<.1	6.2	2.3	105	1.76	8.3	1.1	11	2.1	4	0.2	0.5	0.8	35	0.02	0.051	16	12	0.19	37	0.067	1	1.23	0.004	0.07	0.2	0.07	1.3	0.2	<.05	9	<.5	<1	1	2.2
FA-11 13+00S	558287	5464310	2.5	28.9	29.4	46	0.2	9.7	3.7	178	3.32	9.3	1.5	2.3	2.4	5	0.2	0.5	0.7	43	0.03	0.103	11	12	0.23	38	0.123	2	3.02	0.009	0.06	0.3	0.11	1.9	0.2	0.09	11	1.3	<1	1	19.6
13+50	558316	5464286																					20	7	0.51	32	0.015	<1	1.13	0.002	0.04	0.1	0.03	0.8	0.1	<.05	2	<.5	<1	<1	0.8
FA-9 00+00W	559495	5466829	1	7	17.9	31	0.1	3.9	1.7	66	0.87	4.1	0.7	1	1.6	6	0.4	0.3	0.4	18	0.06	0.024	26	6	0.08	59	0.029	1	0.77	0.009	0.09	0.1	0.03	0.9	0.2	<.05	5	<.5	<1	<1	0.3
FA-9 00+50W	559451	5466776	1.3	11.9	23.4	54	0.1	7.9	3.3	100	3.18	8.3	0.9	2	5	10	0.3	0.3	0.5	32	0.08	0.031	21	10	0.14	87	0.051	1	1.5	0.008	0.09	0.2	0.07	1.2	0.1	<.05	9	<.5	<1	<1	5.5
FA-9 01+00W	559435	5466746	1.6	20.1	33.8	60	0.2	9.7	4	155	2.72	11.5	1	2.2	7.2	5	0.2	0.7	0.7	18	0.04	0.042	28	11	0.2	59	0.019	1	1.35	0.02	0.22	0.2	0.05	1.3	0.2	<.05	4	<.5	<1	<1	1
FA-9 01+50W	559403	5466707	0.9	5.1	11.2	19	<.1	3	1.3	54	1.23	5.2	0.4	0.9	2.8	4	0.1	0.5	0.5	33	0.02	0.02	25	5	0.06	29	0.031	1	0.71	0.006	0.06	0.2	0.03	0.7	0.2	<.05	7	<.5	<1	<1	0.4
FA-9 02+00W	559381	5466684	1.5	15.9	38.9	37	0.5	6.9	2.4	88	4.7	10.6	1	2.4	5.2	6	0.2	0.6	0.7	42	0.04	0.067	11	15	0.14	32	0.079	1	2.47	0.01	0.05	0.2	0.19	1.4	0.1	0.09	11	0.7	<1	<1	15.9
02+50	559351	5466646																																							
FA-9 03+00W	559318	5466605	1.2	16.1	47.6	71	0.2	9.4	4.2	114	2.16	4.1	1	1	1.5	8	0.3	0.4	0.6	37	0.05	0.036	14	10	0.17	51	0.145	2	1.49	0.017	0.08	0.2	0.06	1.3	0.1	<.05	12	<.5	<1	2	5.4
03+50	559293	5466574																																							
FA-9 04+00W	559273	5466528	1.6	19.3	68.8	95	0.3	14.6	5.1	226	3.53	12.9	1.2	2	5	7	0.3	0.5	0.8	42	0.07	0.046	12	13	0.24	52	0.115	12	2.53	0.011	0.06	0.3	0.13	1.6	0.1	<.05	12	0.5	<1	1	13.4
04+50	559238	5466498																																							
FA-9 05+00W	559215	5466460	2.5	22.3	42.1	85	0.1	11	6.4	1120	4.57	12.5	0.8	0.6	5.7	9	0.1	1	1.2	49	0.03	0.071	16	16	0.27	66	0.098	1	1.66	0.009	0.08	0.2	0.06	1.7	0.2	<.05	12	<.5	<1	1	3.7
05+50	559202	5466439																																							
FA-9 06+00W	559163	5466349	1.7	26.5	37.8	76	0.1	15.3	4.5	243	3.39	10.2	0.9	0.6	3.2	10	0.4	1.1	0.9	44	0.03	0.067	15	14	0.26	53	0.072	1	1.62	0.005	0.05	0.2	0.05	1.6	0.2	0.06	9	<.5	<1	1	2
FA-9 06+50W	559130	5466342	2.4	62.5	68.3	95	0.1	17.3	7.7	450	6.52	70	2.3	4.3	6.2	26	0.3	1.8	1.4	37	0.05	0.158	31	17	0.29	51	0.047	2	1.61	0.007	0.08	0.3	0.08	1.6	0.2	0.1	7	0.7	<1	<1	0.9
FA-9 07+00W	559096	5466334	1.9	51.8	89.4	88	0.4	13.8	7.2	848	4.7	19.8	1.9	2.9	1.7	35	0.5	1.8	1.8	32	0.12	0.182	54	15	0.24	75	0.026	2	1.34	0.009	0.09	0.1	0.15	0.8	0.2	0.16	6	0.7	<1	<1	0.5
FA-9 07+50W	559087	5466288	2.3	54.5	71.4	102	0.2	23.1	7.9	581	5.22	15.3	2.2	1.7	4.2	33	0.4	1.6	1.5	35	0.06	0.144	57	17	0.33	84	0.058	2	1.71	0.007	0.08	0.1	0.08	1.4	0.2	0.12	7	0.6	<1	<1	1
FA-9 08+00W	549060	5466235	1.7	32.3	34.8	87	0.1	14.7	8.7	871	3.9	7.9	1.7	3.9	3.2	15	0.3	0.8	0.8	44	0.05	0.155	23	16	0.31	69	0.086	3	2.1	0.008	0.09	0.1	0.07	1.7	0.2	0.06	10	0.7	<1	1	3.7
FA-9 08+50W	559026	5466208	1.2	22.1	32.5	82	0.1	13.3	5.8	641	3.58	9	0.9	2	4.8	13	0.2	0.9	0.8	53	0.05	0.077	15	16	0.26	66	0.13	3	2.12	0.009	0.09	0.2	0.06	2	0.2	<.05	11	<.5	<1	1	10.3
FA-9 09+00W	558994	5466175	1	15.3	28.3	60	<.1	8.4	3.3	223	3.03	4.4	0.8	1.6	4.6	13	0.1	0.5	0.7	43	0.07	0.049	11	12	0.15	83	0.115	2	1.79	0.01	0.06	0.2	0.04	1.5	0.2	<.05	10	<.5	<1	1	11
FA-9 09+50W	558961	5466142	1.7	20.3	30.4	84	0.2	12.1	5.1	338	3.67	7.7	1.1	1.3	6.7	11	0.3	0.9	0.9	50	0.04	0.061	14	16	0.23	71	0.122	2	2.49	0.008	0.08	0.2	0.1	2	0.2	<.05	12	<.5	<1	1	12.6
FA-9 10+00W	558924	5466105	1.4	18.6	16.2	54	0.2	8.8	3.7	250	2.78	7	1.5	3.3	7.2	5	0.2	0.5	0.5	37	0.03	0.093	7	14	0.14	34	0.109	1	5.1	0.009	0.05	0.2	0.09	2.4	0.1	0.09	10	0.6	<1	1	51.1
FA-9 10+50W	558896	5466071	0.9	14.9	20.3	78	0.2	11.1	4.8	271	2.73	4.8	0.8	1.6	4.4	8	0.2	0.5	0.6	39	0.03	0.037	12	14	0.21	65	0.072	1	1.97	0.009	0.07	0.2	0.05	1.6	0.2	<.05	9	<.5	<1	1	7
FA-9 11+00W	558861	5466043	1.5	20.1	25.1	66	0.3	11.6	5.2	209	3.58	6.1	1	2.2	5.9	7	0.2	0.5	0.6	54	0.04	0.057	8	14	0.18	55	0.162	2	3.69	0.012	0.06	0.3	0.08	1.9	0.1	<.05	14	0.5	<1	2	36.6
FA-9 11+50W	558832	5466007	0.7	14.6	26.7	80	<.1	12.9	7.6	426	2.52	4.4	0.7	0.9	4.1	9	0.1	0.6	0.7	31	0.04	0.033	15	14	0.25	53	0.055	1	1.33	0.005	0.08	0.1	0.04	1.3	0.1	<.05	7	<.5	<1	1	0.9

FA-9 12+00W	558799	5465991	1.3	21.4	29.2	123	0.1	20	10.6	347	3.45	8.5	1.1	1.1	6.5	11	0.3	0.6	0.7	41	0.06	0.07	13	14	0.27	74	0.135	2	2.72	0.013	0.09	0.3	0.09	1.7	0.2	<.05	12	0.5	<1	1	14.7
FA-9 12+50W	558765	5465950	1.4	24.3	33.2	141	0.2	19.4	11.3	541	3.64	7.5	1	1.6	7.3	10	0.2	0.6	0.8	43	0.04	0.045	17	17	0.31	87	0.101	2	2.3	0.009	0.08	0.2	0.07	1.9	0.2	<.05	11	<.5	<1	1	7.6
FA-9 13+00W	558725	5465910	1.3	27.9	36.4	134	<.1	19.3	13.4	402	3.69	7.8	1.3	1.2	8	11	0.2	0.7	0.8	40	0.04	0.055	19	16	0.29	74	0.101	1	2.09	0.009	0.09	0.2	0.05	1.7	0.1	<.05	9	0.5	<1	1	7.4
FA-9 13+50W	558723	5465850	2	28.9	39.1	89	<.1	14.6	6.7	297	5.21	13.7	1.1	13	7.7	10	0.2	1	1.2	33	0.04	0.055	18	14	0.3	46	0.079	2	1.5	0.004	0.1	0.2	0.03	1.1	0.1	<.05	8	<.5	<1	1	2.5
14+00	558736	5465842																																							
FA-9 14+50W	558680	5465805	1.1	19	28.2	141	0.2	16.4	10.3	534	3.02	6.8	1	1.1	5.7	8	0.4	0.5	0.5	40	0.05	0.069	11	13	0.22	84	0.135	2	3.55	0.012	0.07	0.2	0.09	1.9	0.2	<.05	11	0.5	<1	1	19.8
FA-9 15+00W	558665	5465766	1.1	24.7	24.3	110	0.2	15.8	10.8	694	3.42	7.5	1.3	1.2	6.7	9	0.2	0.4	0.6	38	0.04	0.077	18	15	0.26	102	0.094	2	2.94	0.01	0.08	0.2	0.07	1.9	0.2	<.05	10	0.5	<1	1	6.7
15+50	558627	5465740																																							
16+00	558591	5465703																																							
FA-9 16+50W	558557	5465667	1.5	20	29.2	52	0.3	9.1	11.1	666	2.29	5.4	1.5	2.3	2.9	6	0.2	0.2	0.5	30	0.04	0.035	20	10	0.21	64	0.072	1	1.84	0.013	0.07	0.2	0.05	1.3	0.1	<.05	9	<.5	<1	1	3.1
FA-9 17+00W	558521	5465641	1.6	19.1	25.1	62	0.2	10.1	5.2	312	3	10.9	1.5	2	7.5	5	0.1	0.3	0.5	32	0.03	0.059	20	15	0.31	55	0.056	1	2.91	0.006	0.11	0.2	0.07	1.9	0.2	<.05	8	0.5	<1	1	9.6
FA-9 17+50W	558484	5465610	0.9	16.9	15.4	57	0.2	8.9	5.4	273	2.65	7.4	1.1	1.6	4.8	4	0.1	0.3	0.4	33	0.02	0.062	19	13	0.26	52	0.037	1	3.1	0.006	0.06	0.2	0.06	1.8	0.2	<.05	8	0.5	<1	1	6.9
FA-9 18+00W	558440	5465584	0.9	16.7	13.4	21	0.3	5.5	2.9	304	2.28	4.9	0.9	14	2.7	5	0.2	0.3	0.3	38	0.03	0.064	4	10	0.08	31	0.122	1	4.54	0.014	0.02	0.2	0.15	1.7	0.1	0.06	11	0.7	<1	1	33
FA-9 18+50W	558378	5465513	1.1	22.9	28.7	87	0.2	19.7	9.1	392	2.84	17.3	1.1	3.4	8.5	5	0.1	0.5	0.5	25	0.05	0.044	21	15	0.37	73	0.036	1	2.45	0.004	0.1	0.2	0.05	1.6	0.2	<.05	6	<.5	<1	1	7.6
FA-9 19+00W	558343	5465471	1.2	13.6	22.2	67	<.1	11.1	5.1	182	2.83	13	0.7	9.3	6.5	4	0.1	0.6	0.6	34	0.02	0.028	19	13	0.25	60	0.036	1	1.69	0.004	0.09	0.2	0.05	1.5	0.2	<.05	7	<.5	<1	1	2.6
FA-9 19+50W	558296	5465451	1.1	23.6	29.5	65	0.1	15.3	9.4	321	2.57	10.7	1.4	1.6	9	6	0.1	0.5	0.5	23	0.04	0.037	26	13	0.38	77	0.054	1	1.61	0.005	0.19	0.2	0.04	1.6	0.2	<.05	5	<.5	<1	1	1.7
FA-9 20+00W	558283	5465446	1.2	11.1	19.7	64	0.1	10.1	5.1	323	3.07	10.6	0.7	2.4	5.4	5	0.2	0.5	0.5	33	0.04	0.044	17	14	0.26	52	0.053	1	1.6	0.004	0.09	0.2	0.06	1.3	0.2	<.05	7	<.5	<1	1	1.8
FA-9 20+50W	558267	5465374	2.8	16.8	37.2	82	0.1	17.1	27.7	1910	2.38	11.5	1.5	1.1	2.4	23	1.1	0.7	0.5	24	0.22	0.05	39	14	0.38	86	0.041	1	1.69	0.008	0.12	0.2	0.04	1.4	0.3	<.05	6	0.5	<1	1	0.7
FA-9 21+00W	558187	5465318	1.1	15.6	17.2	71	0.1	12.7	6.4	158	2.48	9	1.2	2.3	5.2	6	0.2	0.3	0.4	19	0.05	0.042	20	12	0.38	69	0.038	1	2.47	0.006	0.11	0.2	0.05	1.4	0.1	<.05	5	<.5	<1	<1	3.5
FA-9 21+50W	558194	5465344	0.7	5.5	8.5	21	<.1	3.8	1.6	57	1.02	2.7	0.3	0.5	1.5	3	0.2	0.3	0.4	29	0.02	0.021	15	6	0.07	31	0.033	1	0.69	0.005	0.04	0.2	0.02	0.8	0.1	<.05	7	<.5	<1	1	0.7
FA-9 22+00W	558142	5465310	1.6	15	16.6	60	<.1	11.9	6.7	193	2.24	8.3	0.9	3.4	3.8	4	0.1	0.3	0.4	18	0.03	0.027	28	12	0.46	46	0.027	1	1.56	0.004	0.11	0.2	0.02	1	0.2	<.05	4	<.5	<1	<1	1.5
FA-9 22+50W	558095	5465272	1.9	19.7	24.7	77	0.1	12.5	10	333	2.6	9.1	1.2	3.4	2.3	7	0.3	0.3	0.4	25	0.08	0.047	27	14	0.44	58	0.041	1	1.72	0.006	0.11	0.2	0.05	1.1	0.2	<.05	6	<.5	<1	1	1
FA-9 23+00W	558072	5465257	1.8	25	26.5	74	<.1	15.7	10.2	295	2.54	14.7	1.4	2.2	6.1	5	0.1	0.5	0.5	18	0.06	0.037	31	13	0.46	40	0.058	1	1.55	0.004	0.14	0.2	0.02	1.2	0.2	<.05	4	<.5	<1	<1	1.5
FA-9 23+50W	558043	5465221	2.3	30.7	53.5	33	0.5	6.3	13.3	868	1.99	5.2	2.2	1.1	2.6	7	0.6	0.3	0.4	27	0.1	0.089	18	9	0.09	43	0.081	2	2.99	0.012	0.04	0.2	0.15	1.3	0.2	0.07	9	0.8	<1	1	7.8
FA-9 24+00W	558016	5465200	1.9	18.4	26.1	61	0.1	10	4	164	2.67	14.7	0.9	3.1	2.6	5	0.2	0.6	0.6	28	0.05	0.061	14	12	0.26	36	0.054	1	1.26	0.005	0.09	0.2	0.03	1	0.2	<.05	7	0.5	<1	1	2.2
24+50	557978	5465151																																							
25+00	557948	5465134																																							
25+50	557932	5465103																																							
FA-9 26+00W	557885	5465040	1.2	21.1	24.2	48	0.1	9.9	4.1	295	2.85	6.1	1	1.2	1.9	6	0.3	0.6	0.5	47	0.05	0.188	9	13	0.21	50	0.109	2	2.96	0.009	0.08	0.2	0.1	1.7	0.1	<.05	12	0.6	<1	1	11.5
FA-9 26+50W	557862	5465008	1.5	22.4	77.7	116	0.1	16.4	9	580	3.25	11.9	1.2	1.1	7	9	0.3	0.8	1	35	0.07	0.067	14	15	0.34	92	0.095	2	2.32	0.008	0.13	0.2	0.06	1.6	0.3	<.05	8	0.5	<1	1	7.3
FA-9 27+00W	557829	5464976	1	14.2	23.8	75	0.1	9.6	6	421	2.77	6.6	0.6	2.2	3.8	7	0.2	0.5	0.5	55	0.06	0.045	8	12	0.14	86	0.172	2	2.14	0.024	0.07	0.2	0.06	1.6	0.2	<.05	14	<.5	<1	2	19.6
FA-9 27+50W	557800	5464938	1.2	29	36.2	99	0.1	23.2	11.4	191	3.3	18.6	1.6	2.6	11	6	0.2	0.8	0.7	26	0.03	0.062	21	14	0.38	98	0.072	2	2.93	0.007	0.14	0.2	0.04	1.8	0.2	<.05	7	<.5	<1	1	16
FA-9 28+00W	557764	5464909	2.5	33.8	56.3	98	0.3	14.3	82.6	2145	2.75	4.5	2.7	0.6	4	13	1.1	0.5	0.7	45	0.13	0.042	85	11	0.16	100	0.158	2	1.89	0.017	0.07	0.1	0.06	2.1	0.3	<.05	13	0.6	<1	2	8.6
FA-9 28+50W	557732	5463877	1.7	16.9	36	64	0.3	9	8	207	2.99	6.8	1.3	0.9	5.6	5	0.2	0.5	0.7	47	0.03	0.036	23	12	0.17	51	0.103	2	2.49	0.01	0.07	0.2	0.05	1.8	0.2	<.05	12	<.5	<1	1	13.5
FA-9 29+00W	557703	5464844	1.9	29.8	35.8	98	0.1	14.9	6.4	198	4.25	15.7	1.3	0.9	10.6	5	0.1	1	0.8	29	0.02	0.052	17	18	0.46	59	0.045	1	2.54	0.003	0.11	0.3	0.06	1.6	0.2	<.05	6	0.5	<1	1	4
FA-9 29+50W	557682	5464792	1.7	24.2	31.9	71	0.1	10.3	5.1	237	4.21	13.7	1.4	1.5	10	5	0.2	1	0.8	26	0.03	0.054	17	14	0.4	65	0.061	1	2.18	0.006	0.11	0.2	0.05	1.5	0.2	<.05	7	<.5	<1	1	7.4
FA-9 30+00W	557641	5464771	1.5	17.4	57.7	103	0.2	11.9	25.6	902	2.25	13.2	2.7	1	1.8	9	1.1	0.7	0.6	22	0.1	0.053	70	11	0.24	88	0.052	2	1.82	0.01	0.13	0.1	0.07	1.3	0.2	<.05	6	0.9	<1	1	1.4
FA-9 30+50W	557607	5464767	1.4	14.6	27.5	63	0.2	9.8	4.8	302	3.06	9	0.8	1.2	5.1	10	0.2	0.5	0.6	32	0.11	0.032	15	12	0.27	76	0.091	2	1.52	0.006	0.16	0.2	0.05	1.1	0.2	<.05	8	<.5	<1	1	5.4
FA-9 31+00W	557576	5464717	1.5	17.7	36.6	80	0.2	9.8	10.5	523	2.38	7.8	1.5	0.7	3.4	12	0.5	0.5	0.5	24	0.13	0.048	27	12	0.35	63	0.076	2	1.69	0.007	0.15	0.1	0.07	1.2	0.2	0.06	6	0.5	<1	1	3.3
FA-9 31+50W	557535	5464668	1.9	26	40.3	64	<.1	9.7	4.5	243	4.09	13	1.1	1.1	11.3	6	0.2	0.6	0.8	26	0.04	0.034	21	21	0.61	86	0.11	1	2.59	0.006	0.27	0.2	0.05	1.9	0.3	<.05	6	0.5	<1	1	7.7
FA-9 32+00W	557504	5464650	2	15.8	40.3	55	0.2	8.3	6.6	279	2.58	8.4	1.4	1	2.5	11	0.4	0.3	0.6	30	0.12	0.037	24	11	0.26	62	0.093	1	1.72	0.014	0.1	0.2	0.06	1.4	0.2	0.07	9	<.5	<1	1	2.7
FA-9 32+50W	557463	5464605	1.9	14.3	40.4	70	0.2	10.7	6.3	482	3.46	12.4	1	1.2	6.8	5	0.3	0.6	0.7	35	0.03	0.023	14	13	0.23	81	0.107	1	1.74	0.015	0.1	0.2	0.08	1.4	0.2	<.05	10	<.5	<1	1	8.8
FA-9 33+00W	557415	5464566	2.7	24.8	48	60	0.4	9.2	15.8	327	2.38	10.1	2.9	2.1	3.2	6	0.4	0.3	0.5	28	0.04	0.058	46	11	0.2	43	0.096	2	2.6	0.02	0.08	0.2	0.11	1.8	0.2	0.07	10	0.8	<1	1	5.7
FA-9 33+50W	557379	5464525	1.1	9.4	25.2	36	<.1	5.3	2.3	126	1.59	5.3	0.4	0.6	1.9	4	0.2	0.6	0.6	42	0.03	0.026	12	9	0.12	36	0.093	1	0.79	0.011	0.06	0.1	0.04	0.9	0.2	<.05	10	<.5	<1	1	1.2
34+00	557334	5464531																																							
FA-9 34+50W	557293	5464491	0.8	6.9	27.3	19	<.1	3.3	1.4	132	0.87	2.7	0.3	0.6	1.1	4	0.1	0.4	0.6	36	0.02	0.018	8	5	0.05	35	0.134	1	0.6	0.01	0.04	0.1	0.02	0.7	0.1	<.05	11	<.5	<1	2	1.4
FA-9 35+00W	557264	5464473	5.4	28.5	27.4	68	0.1	13.1	5.4	178	4.99	15.8	1.2	1.3	8	4	0.1	0.7	0.8	44	0.02	0.092	15	20	0.36	46	0.059	1	2.98	0.005	0.09	0.3	0.12	2	0.2	0.08	9	0.9	<1	1	9.6
35+50	557237	5464434																																							
FA-12 00+00N	557723	5465827	1.1	20.6	24.6	84	<.1	16.8	8.8	261	2.62	11.8	1	2	6	7	0.2	0.3	0.5	16	0.05	0.041	19	12	0.43	71	0.02	1	1.69	0.005	0.12	0.2	0.05	1.2	0.1	<.05	4	<.5	<1	<1	0.6
FA-12 00+50N	557709	5465871	1.7	16.8	22.4	50	<.1	12.1	5.8	132	2.82	15.5	1	6.5	7.6	10	0.1	0.3	0.5	20	0.07	0.021	30	12	0.35	77	0.034	1	1.61	0.007	0.07	0.2	0.03	1.3	0.1	<.05	6	<.5	<1	1	3.6
FA-12 01+00N	557700	5465917	0.9	12.7	16.7	76	0.4	12.7	7	284	2.75	7.2	0.7	2.6	5.7	6	0.2	0.2	0.4	25	0.04	0.062	17	11	0.27	63	0.049	1	2.35	0.006	0.06	0.2	0.08	1.6	0.1	<.05	7	<.5	<1	1	5.4
FA-12 01+50N	557672	5465959	1	12.6	17.8	50	<.1	14.2	6.6	126	2.89	7.8	0.7	2.5	7.1	3	0.1	0.3	0.4	19	0.02	0.029	17	11	0.3	65	0.032	1	1.84	0.004	0.05	0.2	0.04	1.4	0.1	<.05	5	<.5	<1	<1	6.1
FA-12 02+00N	557648	5466000	0.8	9.4	16.8	55	0.2	9.8	6	99	2.43	4.9	0.6	3.3	4.8	4	0.1	0.2	0.4	31	0.03	0.041	11	11	0.12	77	0.063	1	3.07	0.008	0.05	0.2	0.05	2	0.1	<.05	9	<.5	<1	1	14.5
FA-12 02+50N	557640	5466051	0.9	7.3	17.5	51	0.1	8.4	4.5	165	2.22	5.1	0.5	2.3	4.7	4	0.1	0.2	0.4	24	0.03	0.043	15	11	0.18	81	0.025	2	1.9	0.007	0.1	0.2	0.05	1.6	0.2	<.05	7	<.5	<1	1	3.9
FA-12 03+00N	557614	5466091	0.5	11.2	13.8	40	<.1	9.7	5.2	158	1.81	4.9	0.8	2	6.9	3	0.1	0.2	0.3	16	0.02	0.027	19	8	0.26	45	0.021	1	1.25	0.004	0.05	0.1	0.02	1	0.1	<.05	4	<.5	<1	<1	2.5
FA-12 03+50N	557619	5466138	0.6	11.4	12.8	41	<.1	11.2	5	164	1.84	4.5	0.7	4.9	5.2	3	<.1	0.2	0.3	20	0.02	0.035	14	9	0.24	61	0.044	1	1.89	0.006	0.06	0.2	0.02	1.9	0.1	<.05	5	<.5	<1	1	11.6
FA-12 04+00N	557575	5466176	0.7	14.1	16	68	<.1	14.4	6.7	156	2.23	4.9	0.9	2.5	7.3	4	0.1	0.3	0.4	21	0.03	0.047	16	11	0.3	87	0.034	1	2.18	0.005	0.07	0.2	0.05	1.7	0.1	<.05	6	<.5	<1	1	5.8
FA-12 04+50N	557574	5466212	0.6	6.5	12	33	<.1	7.4	3.4	102	1.76	4	0.6	3.1	5.7	4	0.1	0.2	0.3	17	0.04	0.021	22	8	0.27	43	0.018	1	1.18	0.004	0.07	0.1	0.03	1	0.1	<.05	4	<.5	<1	<1	0.8
FA-12 05+00N	557568	5466262	0.6	9.7	11.3	43	0.1	12.4	6.9	152	1.82	3.2	0.8	3.8	6.2	5	0.1	0.2	0.3	22	0.03	0.051	14	10	0.27	103	0.05	1	2.29	0.006	0.04	0.2	0.06	2	0.1	<.05	6	<.5	<1	1	14.1
FA-12 05+50N	557568	5466267	0.4	3.4	9.7	25	<.1	4.1	2.7	211	1.39	2.1	0.4	3.6	3.6	4	<.1	0.2	0.3	20	0.03	0.024	19	7	0.12	60	0.02	1	1.09	0.006	0.04	0.2	0.02	0.9	0.1	<.05	5	<.5	<1	1	0.9
FA-12 06+00N	557495	5466345	0.4	4.9	7.7	37	<.1	6.8	4.2	84	1.61	2.2	0.6	2.7	4.4	4	<.1	0.1	0.2	19	0.03	0.049	18	7	0.18	70	0.035	<1	1.39	0.005	0.03	0.2	0.02	1	0.1	<.05	5	<.5	<1	<1	4.5
FA-12 06+50N	557497	5466354	0.7	6.6	14.1	48	<.1	7.1	3.7	132	2.05	4.4	0.6	0.6	4.2	5	<.1	0.2	0.4	21	0.02	0.07	19	9	0.21	75	0.021	<1	1.25	0.004	0.07	0.1	0.02	1	0.1	<.05	6	<.5	<1	<1	0.8
FA-12 07+00N	557471	5466394	0.6	9.8	11.2	64	<.1	11	6.7	364	2.06	2.7	0.7	0.8	4.3	8	0.1	0.1	0.3	31	0.06	0.143	11	10	0.2	156	0.112	1	2.81	0.011	0.06	0.2	0.02	1.7	0.1	<.05	9	<.5	<1	1	18.1
FA-12 07+50N	557469	5466440	0.7	13.7	16.2	87	<.1	14	8.3	654	2.14	3.1	1.1	1.3	5	8	0.1	0.2	0.4	33	0.07	0.106	9	10	0.2	215	0.122	1	3.48	0.015	0.06	0.3	0.07	1.9	0.1	<.05	10	<.5	<1	1	23.3
FA-12 08+00N	557432	5466520	0.3	4.8	7.4	57	<.1	7.2	5.1	353	1.55	1.5	0.6	2.4	4.8	3	<.1	0.1	0.3	18	0.02	0.056	23	8	0.23	150	0.032	1	1.31	0.004	0.05	0.1	0.02	1.1	0.1	<.05	5	<.5	<1	<1	1
FA-12 08+50N	557433	5466546	0.3	7	12.1	88	<.1	14.8	8.5	451	1.92	2.1	1.2	0.6	7	9	0.1	0.1	0.3	22	0.09	0.157	18	10	0.32	348	0.058	1	2.55	0.007	0.08	0.2	0.03	1.4	0.1	<.05	7	<.5	<1	<1	5.5
FA-12 09+00N	557415	5466600	0.7	11.2	15.1	65	0.1	11.1	8.2	803	2.18	4	0.8	1.6	3.8	14	0.1	0.2	0.4	32	0.14	0.154	6	10	0.15	323	0.125	2	3.65	0.016	0.05	0.2	0.08	1.6	0.1	<.05	11	<.5	<1	1	13.5
FA-12 09+50N	557378	5466642	0.4	4.8	8.9	41	<.1	9.4	5.8	579	1.48	1.8	0.7	2.8	2.9	8	0.1	0.2	0.2	16	0.09	0.036	24	9	0.27	222	0.024	1	1.14	0.003	0.06	0.1	0.03	0.9	0.1	<.05	4	<.5	<1	<1	0.3
FA-12 10+00N	557360	5466686	0.6	11.4	18.1	82	<.1	8.7	7.6	2542	1.66	2.6	0.7	14.8	3.2	25	0.4	0.3	0.4	26	0.48	0.135	14	10	0.2	522	0.058	2	1.54	0.008	0.1	0.1	0.06	1.4	0.1	<.05	7	<.5	<1	<1	2.1
FA-12 10+50N	557333	5466729	0.5	5.4	12.2	49	<.1	9.7	6.6	720	1.84	2.4	0.7	2.3	5.7	4	0.1	0.3	0.3	19	0.03	0.037	21	9	0.26	153	0.033	1	1.34	0.003	0.07	0.2	0.04	1	0.1	<.05	5	<.5	<1	<1	1.2
FA-12 11+00N	557315	5466770	0.3	6.6	8.6	33	<.1	9.7	5.6	95	1.66	4.8	1	4.4	5.8	6	0.1	0.2	0.3	13	0.07	0.051	20	7	0.3	208	0.033	1	1.3	0.004	0.06	0.1	0.01	1	0.1	<.05	3	<.5	<1	<1	3.5
FA-12 11+50N	557284	5466814	0.4	8	21.9	57	<.1	13.4	9.5	1183	1.77	4.7	11.8	13.9	7	16	0.2	0.4	0.4	16	0.3	0.064	26	13	0.45	533	0.027	1	1.44	0.005	0.1	0.1	0.03	1.6	0.1	<.05	4	<.5	<1	<1	0.6
FA-12 12+00N	557258	5466858	0.6	7.8	10.8	56	0.1	15.6	8.2	233	1.86	3.2	1	4.7	7.1	7	0.1	0.3	0.3	21	0.06	0.085	17	9	0.28	208	0.068	1	2.47	0.007	0.06	0.3	0.04	1.6	0.1	<.05	6	<.5	<1	<1	12.7
FA-12 12+50N	557228	5466892	0.5	9.2	12.3	65	0.1	14	8.1	524	1.87	2.8	1.1	2.3	6.8	12	0.2	0.3	0.3	24	0.1	0.149	16	10	0.26	283	0.095	2	2.69	0.012	0.07	0.2	0.05	1.8	0.1	<.05	8	<.5	<1	<1	13.2
FA-12 13+00N	557200	5466927	0.4	5.1	8.4	38	<.1	9.7	5.6	166	1.68	3.6	0.6	63.9	5.2	5	<.1	0.3	0.3	15	0.04	0.07	22	7	0.34	105	0.022	1	1.06	0.003	0.05	0.2	0.04	0.9	0.1	<.05	4	<.5	<1	<1	0.9
FA-12 13+50N	557160	5466959	0.5	5.5	11.4	34	<.1	11	9.4	237	1.89	3.8	0.5	2.7	3.5	6	<.1	0.2	0.3	18	0.06	0.069	21	8	0.35	166	0.031	1	1.38	0.004	0.06	0.2	0.02	1	0.1	<.05	5	<.5	<1	<1	0.7
FA-12 14+00N	557136	5466996	0.5	8.9	10.6	45	<.1	15.2	10.3	383	2.08	4.4	0.7	1.7	4.9	10	0.1	0.2	0.3	24	0.08	0.277	14	10	0.33	251	0.08	1	2.78	0.01	0.07	0.2	0.04	1.8	0.1	<.05	7	<.5	<1	<1	7.1
FA-12 14+50N	557100	5467036	0.6	10.2	9.9	53	<.1	12.3	10.4	325	2.12	3	0.8	2.1	3.9	9	0.1	0.2	0.3	27	0.09	0.155	11	10	0.27	169	0.088	2	3.21	0.011	0.08	0.2	0.05	1.7	0.1	<.05	8	<.5	<1	<1	13
FA-12 15+00N	557081	5467080	0.6	9	11.1	75	0.1	10.6	9.9	4006	1.96	2.6	0.6	1.5	3.2	9	0.3	0.2	0.4	31	0.08	0.118	14	11	0.26	287	0.062	1	2.09	0.007	0.07	0.1	0.05	1.7	0.2	<.05	9	<.5	<1	1	3
FA-12 15+50N	557053	5467125	0.8	11.3	16.5	114	<.1	15.3	12	499	2.48	4.5	1	1.5	4.8	16	0.2	0.3	0.5	31	0.12	0.216	8	13	0.25	223	0.114	2	3.53	0.011	0.07	0.2	0.09	2.2	0.2	<.05	10	0.5	<1	1	19.1
FA-12 16+00N	557017	5467168	0.7	11.6	11.7	56	<.1	15.2	9.1	183	2	3.3	1.1	22.7	5.2	9	0.1	0.2	0.3	28	0.07	0.16	7	11	0.45	161	0.127	2	3.78	0.013	0.06	0.3	0.06	2.1	0.1	0.06	9	0.5	<1	1	34
FA-12 16+50W	556994	5467216	0.5	9.1	9.1	39	<.1	11.6	6.5	123	2	3.1	0.8	0.9	6.4	6	<.1	0.2	0.3	26	0.04	0.071	19	11	0.54	105	0.062	2	2.07	0.006	0.06	0.2	0.03	1.6	0.1	<.05	7	<.5	<1	<1	10.4
FA-12 17+00W	556968	5467246	0.3	4.2	5	31	<.1	11.5	6.6	152	1.45	1.8	0.7	2.4	6.7	4	<.1	0.2	0.2	13	0.02	0.029	21	8	0.88	83	0.024	1	1.49	0.003	0.04	0.1	0.01	0.9	0.1	<.05	4	<.5	<1	<1	2.2
FA-12 17+50W	556936	5467287	0.6	8	11.6	50	<.1	14	7.7	891	1.81	2.2	0.6	0.5	5	18	0.1	0.2	0.3	27	0.19	0.054	13	11	0.56	211	0.086	2	2.3	0.012	0.06	0.2	0.04	1.6	0.1	<.05	8	<.5	<1	<1	6
FA-12 18+00W	556900	5467322	0.6	8.6	8.7	43	<.1	15.8	8.4	133	2.07	3.2	3	1.1	11.1	4	0.1	0.4	0.3	22	0.02	0.098	19	13	0.91	82	0.052	1	2.4	0.004	0.07	0.2	0.05	1.9	0.1	<.05	6	<.5	<1	<1	13.3
FA-12 18+50W	556861	5467343	0.7	4.4	7.9	39	<.1	11.4	6	229	2.09	2.9	2.8	4.1	8.8	4	<.1	0.5	0.3	23	0.02	0.039	24	11	0.63	57	0.034	1	1.24	0.003	0.07	0.1	0.04	1.3	0.1	<.05	6	<.5	<1	<1	1
FA-12 19+00W	556835	5467391	0.5	4.6	8.9	39	<.1	11.9	9.2	587	1.84	1.6	1.5	1	9.7	5	0.1	0.3	0.3	21	0.04	0.039	24	10	0.73	100	0.041	1	1.49	0.004	0.07	0.1	0.03	1.2	0.1	<.05	6	<.5	<1	<1	2.4
FA-12 19+50W	556823	5467437	0.4	7.4	7	45	<.1	16.4	9.5	302	1.92	1.9	1.1	<.5	8.2	6	0.1	0.3	0.3	17	0.04	0.042	21	11	0.82	126	0.035	1	1.79	0.005	0.06	0.1	0.02	1.1	0.1	<.05	5	<.5	<1	<1	2.3
FA-12 20+00W	556797	5467476	0.4	5.7	7.5	48	<.1	16.2	8.5	248	1.91	2	0.9	28.1	8.6	9	0.1	0.2	0.3	18	0.06	0.066	18	10	0.59	149	0.048	1	2.05	0.006	0.06	0.2	0.04	1.4	0.1	<.05	6	<.5	<1	<1	7.2
FA-12 20+50W	556784	5467519	0.3	4	8.5	41	<.1	11.4	7.4	936	1.69	2.1	0.6	0.8	6.7	9	0.1	0.3	0.3	20	0.08	0.04	22	10	0.51	170	0.039	1	1.6	0.006	0.07	0.1	0.04	1.2	0.1	<.05	6	<.5	<1	<1	1.8
FA-12 21+00W	556764	5467559	0.4	4.2	7.6	33	<.1	11.2	6.4	298	1.71	2.1	0.7	1.2	7.5	6	<.1	0.2	0.3	20	0.04	0.078	23	10	0.52	104	0.043	1	1.72	0.006	0.06	0.2	0.04	1.2	0.1	<.05	6	<.5	<1	<1	4.8
FA-12 21+50W	556761	5467616	0.5	4.3	7.1	37	<.1	13.8	6.2	105	2.16	2.6	1.1	1.2	10.3	4	<.1	0.2	0.3	21	0.03	0.099	23	11	0.76	98	0.049	1	2.02	0.004	0.05	0.2	0.04	1.3	0.1	<.05	6	<.5	<1	<1	7.6
FA-12 22+00W	546766	5467663	0.4	2.7	7.1	28	<.1	7	4.7	301	1.52	1.4	0.6	1.3	7.3	4	<.1	0.2	0.2	19	0.02	0.02	21	8	0.5	75	0.024	1	1.18	0.004	0.05	0.1	0.03	0.9	0.1	<.05	5	<.5	<1	<1	1.4
FA-8 00+00N	559542	5465549	1.3	25.7	34	104	0.3	14.9	12.8	1962	3.21	14.3	1.8	0.9	1	11	0.4	0.7	0.7	43	0.05	0.166	25	16	0.23	109	0.085	3	2.35	0.009	0.11	0.2	0.12	1.8	0.2	0.12	10	0.9	<1	1	2.6
FA-8 00+50N	559510	5465581	3.6	66.2	52.7	124	0.2	29.5	28.5	1112	3.62	11	2.6	2.9	5.2	9	0.3	0.9	0.7	33	0.06	0.194	33	17	0.44	44	0.076	3	2.32	0.011	0.12	0.2	0.07	3	0.3	0.08	7	1.4	<1	1	3.6
FA-8 01+00N	559460	5465606	1.3	33.3	52.3	83	0.3	14	7	516	4.07	27.2	2.1	12.8	6.4	7	0.2	1	1.3	29	0.02	0.078	22	12	0.23	49	0.032	1	1.78	0.006	0.06	0.2	0.06	1.4	0.1	0.06	6	0.7	1	1	1.6
FA-8 01+50N	559430	5465641	1.5	16.6	23.9	38	0.1	8	4.6	559	2.58	14.6	1.5	2.1	0.9	5	0.1	0.3	0.5	42	0.03	0.129	8	12	0.19	49	0.089	2	2.79	0.012	0.06	0.2	0.08	1.7	0.2	0.08	13	1.1	<1	1	8.6
FA-8 02+00N	559388	5465671	1.6	23.3	43	74	<.1	12	5.8	389	4.21	19.7	1.1	46	4.2	7	0.2	1	1.1	63	0.02	0.105	15	16	0.21	54	0.16	2	1.59	0.008	0.09	0.3	0.06	1.9	0.2	0.06	16	0.7	<1	2	6.4
FA-8 02+50N	559359	5465703	3.2	23.6	122.9	94	0.3	11.1	7	954	3.63	170	1.8	34.1	1.6	9	0.3	0.7	0.7	45	0.03	0.111	11	14	0.22	53	0.1	2	2.89	0.01	0.06	0.2	0.1	1.8	0.2	0.08	13	1.1	<1	1	7.9
FA-8 03+00N	559341	5465752	2.1	30	34.5	95	0.2	19.8	14.5	1698	4.1	40.8	2.1	1.6	4.6	7	0.3	1.4	0.7	49	0.03	0.133	17	18	0.36	53	0.093	3	2.83	0.006	0.1	0.2	0.07	2.5	0.2	0.07	9	1.3	<1	1	5.5
FA-8 03+50N	559305	5465789	2.1	23.4	23.3	56	0.2	9.7	5.9	525	3.06	5.2	1.7	2.2	2.1	5	0.1	0.4	0.5	43	0.03	0.113	10	13	0.19	46	0.128	2	3.7	0.011	0.05	0.2	0.11	2.2	0.1	0.07	14	0.9	<1	1	12.7
FA-8 04+00N	559288	5465838	3	29.3	18.5	48	0.2	13.8	6.9	278	2.38	6.9	2.4	3	3.4	5	0.2	0.3	0.3	28	0.04	0.228	12	10	0.16	32	0.121	1	5.47	0.009	0.04	0.2	0.14	2.1	0.1	0.12	11	1.4	<1	1	37.5
FA-8 04+50N	559259	5465874	2.9	19.5	15.8	42	0.3	8.6	4.1	251	3.08	5.5	1.8	1.4	2.2	5	0.2	0.4	0.3	41	0.04	0.195	10	13	0.16	32	0.13	1	5.08	0.011	0.05	0.3	0.12	2.3	0.1	0.11	13	1.2	<1	1	24.4
FA-8 05+00N	559229	5465906	1.4	19.4	17.2	34	0.2	6.5	2.9	289	2.66	4.4	1.4	0.9	2.4	4	0.1	0.2	0.4	47	0.03	0.121	6	12	0.16	51	0.147	2	4.14	0.014	0.05	0.2	0.07	2.3	0.1	0.08	14	1	<1	1	25.3
FA-8 05+50N	559200	5465947	1.7	29.9	77.5	106	0.3	20.7	11.5	786	3.35	14.8	2.3	25.2	2.2	24	0.2	0.8	0.8	42	0.04	0.196	17	17	0.38	48	0.072	2	3.16	0.008	0.1	0.2	0.08	2.6	0.2	0.11	10	1.3	<1	1	4.8
FA-8 06+00N	559170	5465984	1.4	26.6	51.7	110	0.2	22.4	9.2	392	3.55	11.1	1.8	1.7	6	6	0.2	0.6	0.8	43	0.03	0.095	18	21	0.42	45	0.061	2	2.5	0.005	0.08	0.2	0.08	2.3	0.2	<.05	8	1.1	<1	1	6.3
FA-8 06+50N	559150	5466031	2.3	32.7	35.3	63	0.1	12.4	5.3	258	3.86	8	2	2.3	7.1	6	0.1	0.5	0.7	50	0.02	0.118	11	17	0.34	46	0.143	2	4.2	0.008	0.07	0.3	0.06	3.1	0.1	0.09	13	1.2	<1	1	37.1

FA-8 07+00N	559136	5466075	1.7	41.1	38.1	90	0.3	20.1	14.2	571	3.96	8.2	2.4	2.7	7.7	10	0.1	0.5	0.8	47	0.03	0.137	25	19	0.34	52	0.113	2	3.31	0.007	0.09	0.2	0.08	2.7	0.2	0.07	11	1.2	<1	1	12.9
FA-8 07+50N	559104	5466115	2.7	21.8	24.6	58	0.1	12	5.5	442	4.86	8.1	1.4	0.8	6.1	6	0.2	0.8	0.9	71	0.02	0.09	11	19	0.29	41	0.225	3	2.08	0.012	0.09	0.3	0.07	2.2	0.2	<.05	22	0.8	<1	2	16
FA-8 08+00N	559082	5466150	1.6	52.1	47.1	108	0.3	21.6	17.9	1361	4.38	11.5	1.9	1.6	1.6	17	0.4	0.9	0.9	39	0.04	0.225	45	16	0.3	69	0.058	2	2.15	0.006	0.09	0.2	0.07	1.4	0.2	0.11	8	0.9	<1	1	1.3
FA-8 08+50N	559067	5466202	1.8	34.7	43.8	108	0.3	17.5	11	2167	4.09	21.9	1.7	2	5.8	11	0.2	0.9	0.9	47	0.04	0.135	21	17	0.3	76	0.099	2	2.55	0.006	0.07	0.2	0.09	2.1	0.3	0.08	11	0.9	<1	1	5.2
FA-8 09+00N	559054	5466238	1.8	23.2	19.6	46	0.2	8.7	4.2	261	4.41	9.5	1.6	2.7	4.5	7	0.1	0.5	0.6	52	0.03	0.141	14	17	0.2	40	0.132	2	3.68	0.009	0.06	0.3	0.12	2.5	0.1	0.08	15	1.1	<1	1	18
FA-8 09+50N	558980	5466269	1.6	27.6	18.8	66	0.1	13.8	6.2	449	2.91	7.9	1.9	4.5	4.8	7	0.1	0.6	0.5	46	0.04	0.159	11	13	0.26	44	0.151	2	4.59	0.011	0.07	0.3	0.07	3.2	0.1	0.08	13	1.2	<1	1	28
FA-8 10+00N	558950	5466282	1.6	25.6	18.5	52	0.5	9.2	4.1	268	3.38	8.9	2.1	1.5	8.1	5	0.1	0.5	0.6	42	0.03	0.112	10	15	0.2	36	0.127	2	4.59	0.009	0.04	0.3	0.12	2.4	0.1	0.08	12	1.1	<1	1	28.9
FA-8 10+50N	558904	5466300	1.6	31.3	25.3	62	0.2	10	5.2	314	3.86	11	2.2	2.1	8.9	6	0.2	0.6	0.7	44	0.03	0.121	15	17	0.23	47	0.128	2	4.05	0.008	0.06	0.3	0.12	2.7	0.1	0.08	12	1.1	<1	1	24.4
FA-8 11+00N	558872	5466327	2	24.7	34.5	55	<.1	9.5	4.2	221	4.85	10	1.4	1	8.1	8	0.1	0.8	1	45	0.02	0.112	17	20	0.37	40	0.08	1	2.38	0.006	0.06	0.2	0.07	1.8	0.2	0.06	11	0.7	<1	1	6.7
FA-8 11+50N	558849	5466369	1.5	19	26.6	42	<.1	6.9	3.1	207	3.89	8.6	1.1	1.5	7.3	7	0.1	0.6	0.8	43	0.02	0.076	15	16	0.21	48	0.076	1	2.34	0.007	0.05	0.2	0.07	1.8	0.2	<.05	12	0.6	<1	1	9
FA-8 12+00N	558822	5466409	1.6	21.8	31.4	67	0.1	14.3	5.4	175	6.12	10.1	1.3	1.1	8.6	6	0.1	1.1	0.9	50	0.02	0.074	15	21	0.33	47	0.074	1	1.98	0.004	0.05	0.3	0.07	1.7	0.1	0.06	12	0.5	<1	1	6.6
FA-8 12+50N	558800	5466449	1.6	20.9	26.2	74	0.3	13.2	5.7	314	3.86	6.3	1.5	1.9	7.3	6	0.1	0.7	0.7	46	0.02	0.103	11	16	0.28	45	0.093	2	3.01	0.006	0.07	0.3	0.09	2.1	0.1	0.06	12	0.5	<1	1	14.8
FA-8 13+00N	558774	5466488	1.5	14.4	24.1	44	0.3	6.8	3	339	4.74	7.2	1.1	2.7	5.8	4	0.3	0.9	0.6	53	0.02	0.08	7	15	0.14	31	0.136	1	2.85	0.008	0.04	0.3	0.12	1.7	0.1	0.07	16	0.8	<1	1	22.8
FA-8 13+50N	558736	5466516	0.9	13.2	21	27	0.2	4.4	1.8	108	2.54	3.7	0.8	3.2	4.5	3	0.1	0.4	0.5	39	0.02	0.061	5	9	0.07	32	0.103	1	2.94	0.009	0.03	0.2	0.07	1.5	0.1	0.06	12	<.5	<1	1	29.6
FA-8 14+00N	558692	5466546	0.5	12.3	14	41	0.1	9.1	2.8	114	2.27	3.6	0.8	1.9	2.3	3	0.1	0.3	0.5	29	0.01	0.046	14	11	0.24	26	0.033	1	1.18	0.004	0.04	0.1	0.02	0.8	0.1	<.05	7	<.5	<1	1	0.5
FA-8 14+50N	558655	5466565	1.2	15.8	27.8	70	0.2	10.9	4.8	342	3.91	7.9	1.3	1.9	5.3	5	0.2	0.5	0.7	37	0.02	0.098	10	17	0.32	45	0.075	2	2.67	0.005	0.06	0.2	0.12	1.6	0.1	<.05	10	0.6	<1	1	8.6
FA-8 15+00N	558632	5466610	1.2	13.2	21.8	47	0.5	6.7	3.2	161	3.34	12.7	0.9	4	4.7	4	0.1	0.4	0.4	41	0.03	0.109	5	13	0.13	31	0.13	1	4.21	0.008	0.03	0.3	0.11	1.7	0.1	0.06	12	<.5	<1	1	39.4
FA-8 15+50N	558595	5466705	1.1	11.3	13.8	55	0.1	7.6	4.2	1126	2.63	4	0.8	2.5	2.3	4	0.2	0.4	0.4	42	0.03	0.098	5	11	0.13	47	0.147	1	3.34	0.012	0.04	0.3	0.11	1.8	0.1	<.05	13	0.5	<1	1	16.8
FA-8 16+00N	558555	5466728	1	13.9	24.1	87	0.3	9.9	6.5	489	2.87	5.5	0.7	1.9	3.4	4	0.2	0.3	0.5	42	0.03	0.08	10	12	0.19	63	0.112	1	2.31	0.008	0.05	0.2	0.09	1.6	0.1	<.05	11	<.5	<1	1	13.1
FA-8 16+50N	558542	5466768	1.4	16.9	27.1	72	0.2	9.2	4.7	334	3.22	9.1	1.2	2.2	4.8	4	0.2	0.4	0.4	42	0.02	0.133	7	14	0.16	46	0.141	1	4.58	0.008	0.05	0.3	0.18	2.1	0.1	0.06	12	0.6	<1	1	36.9
FA-8 17+00N	558502	5466816	1.2	18.6	16.3	31	0.4	4	5.6	961	2.73	6.5	1.3	2.1	3.3	3	0.1	0.3	0.2	34	0.03	0.143	4	11	0.07	23	0.105	1	5.88	0.008	0.03	0.2	0.19	2.1	0.1	0.11	10	0.9	<1	1	49.4
FA-8 17+50N	558500	5466849	1.1	19	17.7	45	0.1	10.4	9.5	778	2.14	10.3	0.9	14.4	4.9	4	0.1	0.3	0.5	22	0.04	0.055	15	9	0.21	50	0.067	1	1.94	0.006	0.04	0.1	0.05	1.5	0.1	<.05	7	<.5	<1	1	7.2
FA-8 18+00N	558468	5466884	1.2	26.2	17.3	78	0.1	14.5	10	361	2.7	9.6	1.6	10.9	5.7	5	0.1	0.2	0.4	38	0.03	0.088	10	15	0.27	68	0.105	1	4.38	0.008	0.05	0.2	0.08	3	0.1	<.05	9	0.8	<1	1	32.5
FA-8 18+50N	558448	5466930	1.3	27	14.6	81	<.1	13.5	7.2	886	2.6	5.6	1.2	4.7	1.4	6	0.2	0.4	0.4	41	0.05	0.124	11	14	0.29	59	0.1	2	3.19	0.007	0.06	0.2	0.11	2.1	0.1	<.05	11	0.7	<1	1	8.7
FA-8 19+00N	558427	5466977	1.1	14.5	10.9	24	0.2	3.8	2.5	276	2.98	3.7	1	2.4	3.9	3	0.1	0.3	0.3	37	0.02	0.144	3	11	0.06	26	0.145	1	5.2	0.013	0.02	0.2	0.1	1.9	<.1	0.07	13	0.6	<1	1	58.5
FA-8 19+50N	558395	5467009	1	13.6	13.7	54	0.1	7.4	4.3	2224	2.11	3.9	0.8	2	2.5	4	0.2	0.3	0.4	35	0.02	0.093	7	10	0.11	75	0.088	1	2.82	0.006	0.04	0.2	0.07	1.6	0.2	<.05	10	<.5	<1	1	7.5
FA-8 20+00N	558379	5467050	1.6	20.1	14.2	53	0.3	8.1	3.9	214	2.91	4.2	1.2	3.5	4.1	4	0.1	0.3	0.5	44	0.02	0.103	7	14	0.18	42	0.124	1	4	0.008	0.05	0.2	0.12	2	0.1	<.05	12	0.6	<1	1	18.2
FA-8 20+50N	558353	5467101	0.4	5.8	9.5	28	<.1	5.5	3	90	1.63	1.4	0.4	1	3.4	2	0.1	0.2	0.4	29	0.01	0.025	27	8	0.15	27	0.081	1	0.74	0.005	0.03	0.1	0.02	0.9	0.1	<.05	9	<.5	<1	1	1
FA-8 21+00N	558344	5467136	1	16.3	21.3	63	<.1	10.8	5.1	394	2.8	5.3	0.7	1	4.5	6	0.2	0.5	0.7	47	0.04	0.078	14	13	0.26	55	0.124	2	1.25	0.005	0.06	0.2	0.07	1.4	0.1	<.05	11	<.5	<1	1	5.3
FA-8 21+50N	558301	5467162	0.9	9	13.6	37	<.1	6.9	3.3	126	2.9	3.7	0.7	2.1	4.2	3	0.1	0.4	0.5	44	0.01	0.057	13	11	0.16	35	0.104	1	1.45	0.005	0.04	0.2	0.06	1.2	0.1	<.05	11	<.5	<1	1	7.6
FA-8 22+00N	558267	5467189	1	16.6	14.5	63	<.1	11.6	6.1	1019	2.86	5.6	0.9	1	3.6	6	0.2	0.4	0.6	44	0.03	0.084	14	15	0.26	78	0.098	2	1.67	0.005	0.06	0.2	0.06	1.6	0.2	<.05	10	<.5	<1	1	4
FA-8 22+50N	558220	5467197	1	10.8	16.7	43	<.1	7.1	2.9	141	3.04	4.5	0.5	1.2	1.8	5	0.2	0.4	0.6	60	0.03	0.052	7	11	0.13	48	0.175	1	1.28	0.007	0.04	0.2	0.06	1.1	0.1	<.05	16	<.5	<1	2	6.9
FA-8 23+00N	558171	5467191	1.2	19.2	13.9	73	<.1	11.1	7.1	778	2.38	3.5	1.1	2.1	1.3	5	0.1	0.3	0.4	40	0.03	0.118	10	12	0.25	55	0.108	2	2.98	0.006	0.06	0.2	0.05	2	0.1	<.05	11	0.6	<1	1	10.3
FA-8 23+50N	558116	5467195	1.3	12.3	14.3	53	<.1	8.7	4.1	623	2.4	3.7	0.7	3.5	2.7	4	0.2	0.4	0.4	37	0.03	0.073	9	10	0.2	56	0.105	1	1.52	0.007	0.05	0.3	0.09	1.2	0.1	<.05	10	<.5	<1	1	6.9
FA-8 24+00N	558087	5467216	1.3	14.4	13.1	33	<.1	6.1	2.6	183	2.7	4.1	1	1.8	2.9	4	0.1	0.4	0.3	42	0.03	0.079	4	10	0.13	35	0.12	1	3.67	0.008	0.04	0.2	0.13	1.7	0.1	<.05	13	0.6	<1	1	28.5
FA-8 24+50N	558065	5467226	1.8	14.4	15.6	39	<.1	6.9	3	202	3.34	6	1	2.6	3.9	4	0.2	0.6	0.5	54	0.02	0.085	6	13	0.15	39	0.166	2	2.96	0.008	0.05	0.3	0.15	2	0.1	<.05	15	0.6	<1	1	25.1
FA-8 25+00N	558037	5467236	1	13.5	18.6	52	<.1	7.3	5.1	1470	2.15	5.1	0.9	1.4	2.1	5	0.2	0.5	0.6	37	0.04	0.08	7	11	0.15	77	0.092	2	2.16	0.008	0.05	0.2	0.15	1.3	0.2	<.05	10	0.5	<1	1	6.7
FA-8 25+50N	557987	5467247	1.4	15.9	12.2	39	<.1	7.4	3.4	231	2.67	5.4	1.4	2.4	4.2	5	0.2	0.3	0.3	37	0.06	0.14	5	12	0.14	31	0.143	2	5.01	0.008	0.05	0.4	0.21	2.2	0.1	0.09	12	1	<1	1	45.6
FA-8 26+00N	557940	5467256	1.2	11.5	10.9	33	<.1	5.5	2.5	158	2.26	4.4	1	2.5	2.1	4	0.3	0.4	0.2	34	0.03	0.086	4	9	0.1	35	0.132	1	4.53	0.009	0.03	0.3	0.16	1.7	0.1	0.08	11	0.8	<1	1	41.3
FA-8 26+50N	557897	5467262	0.9	14.1	13.2	44	<.1	5.2	3.2	419	2.46	3.7	0.7	2.8	2.6	3	0.1	0.4	0.4	43	0.02	0.046	4	9	0.09	43	0.138	1	2.83	0.012	0.03	0.1	0.09	1.7	0.1	<.05	13	<.5	<1	1	25.5
FA-8 27+00N	557838	5467286	0.8	14.8	11.3	20	<.1	4.2	2.2	162	1.77	2.3	0.8	2.2	2.4	3	0.1	0.2	0.3	34	0.02	0.06	4	8	0.07	31	0.118	1	3.54	0.013	0.03	0.1	0.07	2	0.1	<.05	11	<.5	<1	1	36.4
FA-8 27+50N	557813	5467304	1	13.1	10.1	36	<.1	5.5	3.7	358	2.14	3.5	1.2	5.4	3.1	3	0.1	0.3	0.3	35	0.02	0.081	5	9	0.11	31	0.127	1	4.71	0.008	0.03	0.2	0.1	2.7	0.1	0.1	11	0.6	<1	1	45.4
FA-8 28+00N	557784	5467335	1	14.7	8.4	25	<.1	4.6	2.3	166	2.25	3.9	1.1	1.9	2.2	3	0.1	0.2	0.2	32	0.03	0.1	4	9	0.08	30	0.133	1	5.34	0.008	0.02	0.3	0.15	1.7	0.1	0.08	10	0.9	<1	1	45.6
FA-8 28+50N	557754	5467372	1.1	13.8	13.9	29	<.1	5.9	2.4	98	2.71	4	0.9	1.7	1.9	4	0.1	0.3	0.3	44	0.02	0.081	5	11	0.1	36	0.135	1	3.89	0.011	0.04	0.2	0.11	2	0.1	0.07	13	0.6	<1	1	22.1
FA-8 29+00N	557724	5467415	1.1	12.7	11.4	33	<.1	6.2	2.5	186	2.55	4.8	0.9	2	2.9	3	0.1	0.5	0.3	41	0.02	0.09	4	10	0.11	40	0.142	1	3.93	0.009	0.03	0.2	0.16	1.8	0.1	<.05	12	0.6	<1	1	30.6
FA-8 29+50N	557697	5467456	1	20.5	12.6	54	<.1	7.6	5.3	906	2.15	3.1	1	1.9	2.4	5	0.1	0.2	0.3	38	0.04	0.076	6	9	0.12	67	0.144	1	3.75	0.011	0.03	0.2	0.11	2.3	0.1	<.05	12	0.6	<1	1	26.4
FA-8 30+00N	557677	5467489	1.1	11.4	12.1	35	<.1	5.6	3	214	2.82	3.8	1	2.1	2.9	4	0.1	0.3	0.3	50	0.03	0.065	6	11	0.1	42	0.14	2	4.24	0.008	0.04	0.2	0.09	2.1	0.1	<.05	14	0.6	<1	1	32.8
FA-8 30+50N	577639	5467521	0.9	13.9	11.3	52	<.1	7.3	4.9	470	2.4	3.6	0.9	1.1	2.6	5	0.1	0.2	0.3	39	0.06	0.112	4	10	0.12	47	0.135	2	4.92	0.009	0.04	0.2	0.09	1.8	0.1	<.05	12	0.5	<1	1	25
FA-8 31+00N	557607	5467560	0.8	9.7	11.1	45	<.1	5.4	3.4	209	1.79	1.9	0.6	2.7	2.1	4	0.1	0.2	0.3	38	0.03	0.046	5	8	0.08	46	0.13	2	2.61	0.012	0.04	0.2	0.06	1.7	0.1	<.05	11	<.5	<1	1	20.5
FA-8 31+50N	557574	5467594	1.1	10.1	10.8	28	<.1	5.9	3.1	135	2.42	3.6	1.1	2.4	3.9	3	0.1	0.2	0.2	35	0.03	0.093	4	10	0.09	36	0.149	1	5.68	0.011	0.02	0.3	0.1	2	0.1	<.05	12	<.5	<1	1	61.2
FA-8 32+00N	557528	5467605	0.9	10.9	9	24	<.1	4.7	2.8	227	2.34	4.4	1	2.5	3.1	4	0.2	0.3	0.2	31	0.03	0.1	3	9	0.07	30	0.12	2	5.15	0.01	0.02	0.3	0.15	1.8	<.1	0.06	10	0.6	<1	1	56.7
FA-8 32+50N	557481	5467623	0.9	10.7	21	53	0.2	6.8	5	197	2.6	3.4	0.6	2.2	2.6	4	0.1	0.2	0.4	43	0.02	0.085	5	10	0.09	54	0.112	1	3.3	0.008	0.03	0.2	0.08	1.7	0.1	<.05	12	<.5	<1	1	21.3
FA-8 33+00N	557443	5467628	1	16	10.4	56	<.1	10.1	6	501	2.16	4.3	1.2	1.2	3.5	5	0.2	0.2	0.3	37	0.03	0.105	7	11	0.18	66	0.128	1	4.61	0.01	0.04	0.3	0.09	2.8	0.1	<.05	10	0.6	<1	1	34.1
FA-8 33+50N	557400	5467628	1.1	15.3	10.4	71	0.2	10.3	5.4	640	2.76	3.4	0.9	1.6	4.6	5	0.2	0.2	0.4	36	0.03	0.099	8	14	0.27	90	0.086	1	3.72	0.006	0.05	0.2	0.09	2.2	0.1	<.05	9	0.5	<1	1	16.8
FA-8 34+00N	557358	5467654	0.9	14.8	10.3	61	<.1	9.5	6.3	290	2.11	3	1.2	1.1	4.4	5	0.1	0.2	0.3	36	0.03	0.065	9	11	0.2	78	0.128	1	4.38	0.011	0.04	0.2	0.07	2.9	0.1	<.05	10	0.6	<1	1	35.8
FA-8 34+50N	557314	5467665	0.6	5.7	10.4	40	<.1	6.7	3.4	440	1.82	2	0.5	10.1	3.5	4	0.1	0.2	0.4	35	0.03	0.031	12	10	0.2	72	0.069	1	1.43	0.006	0.04	0.2	0.04	1.4	0.1	<.05	9	<.5	<1	1	2.7
FA-8 35+00N	557265	5467655	0.7	7.7	15	45	<.1	9.9	5.7	189	2.22	6	0.7	9.2	5.5	3	0.1	0.3	0.3	25	0.02	0.05	14	11	0.29	58	0.041	1	2.33	0.003	0.04	0.2	0.06	1.6	0.1	<.05	6	<.5	<1	1	9
FA-8 35+00N	557220	5467655	0.7	9.9	16.4	75	0.1	10.7	6.2	1700	2.14	2.9	0.5	17.2	3.1	7	0.2	0.3	0.4	35	0.05	0.071	10	12	0.25	130	0.085	1	2.4	0.008	0.06	0.2	0.05	2	0.1	<.05	9	<.5	<1	1	7.7
FA-8 36+00N	557179	5467671	0.5	6.7	29.5	33	<.1	7.3	8	193	1.42	13.5	0.9	293.5	3.7	7	0.1	0.7	0.4	15	0.01	0.029	19	6	0.35	46	0.016	<1	0.95	0.003	0.03	0.2	0.03	0.9	0.1	<.05	4	<.5	<1	<1	0.5
FA-8 36+50N	557172	5467717	1	9	13	73	<.1	11.1	7.3	232	3.15	5.2	0.6	1.8	3.9	6	0.1	0.3	0.4	48	0.04	0.103	6	14	0.22	90	0.117	1	3.76	0.009	0.06	0.3	0.1	2.2	0.1	<.05	13	0.5	<1	1	17.5
FA-8 37+00N	557168	5467783	0.5	4.4	10.1	34	<.1	7.5	4.3	80	1.61	2.2	0.4	4.8	4.1	5	0.1	0.3	0.3	27	0.03	0.018	17	9	0.31	55	0.043	<1	1.27	0.005	0.04	0.1	0.03	1.2	0.1	<.05	7	<.5	<1	1	2.1
FA-8 37+50N	557168	5467834	0.7	6.4	17.5	39	<.1	5.9	2.7	88	2.23	4.5	0.5	1.8	2.9	4	0.1	0.4	0.4	44	0.03	0.067	4	10	0.09	51	0.129	1	2.6	0.009	0.04	0.2	0.08	1.5	0.1	<.05	13	<.5	<1	1	25.3
FA-8 38+00N	557167	5467877	0.8	8.1	10.8	42	<.1	6.6	4.1	194	1.87	2.3	0.6	1.9	2.6	7	0.1	0.2	0.3	32	0.07	0.087	3	8	0.08	80	0.122	1	3.68	0.013	0.03	0.2	0.08	1.8	0.1	<.05	10	0.5	<1	1	31
FA-8 38+50N	557173	5467930	1	12.5	12.1	46	<.1	7.3	5.7	248	2.31	3.9	0.9	1.2	3.4	4	0.1	0.3	0.3	41	0.03	0.09	4	10	0.11	50	0.153	1	4.5	0.013	0.03	0.2	0.12	2.4	0.1	0.06	12	0.5	<1	1	47
FA-8 39+00N	557174	5467965	0.3	3.3	6.5	22	<.1	4	2	51	1.29	1.5	0.4	0.7	3.9	2	0.1	0.1	0.2	20	0.01	0.028	19	7	0.16	25	0.035	<1	1.02	0.003	0.03	0.1	0.02	0.8	0.1	<.05	5	<.5	<1	<1	1.6
FA-8 39+50N	557182	5468010	0.6	8.9	9.3	32	<.1	5.8	3.2	92	1.86	3.1	0.7	1	3.7	3	0.1	0.2	0.2	31	0.03	0.082	7	8	0.12	47	0.092	1	3.65	0.012	0.03	0.2	0.07	1.7	0.1	<.05	9	<.5	<1	1	34.8
FA-8 40+00N	557160	5468070	0.7	8	10	30	<.1	4.7	4.2	296	1.54	2.7	0.7	1.5	2.8	3	0.1	0.2	0.2	27	0.02	0.069	8	7	0.12	38	0.094	<1	2.88	0.011	0.03	0.2	0.09	1.8	0.1	<.05	9	<.5	<1	1	22.1
FA-8 40+50N	557195	5468112	0.5	5	6.5	19	<.1	4.1	1.8	103	1.68	2.5	0.6	1.6	4.3	2	0.1	0.2	0.2	22	0.02	0.048	10	9	0.13	45	0.044	<1	2.43	0.005	0.03	0.2	0.08	1.4	0.1	<.05	5	<.5	<1	<1	14.9
FA-8 41+00N	557230	5468149	0.6	7.4	7.8	20	<.1	3.1	1.6	60	1.62	2.5	0.7	1.6	3.2	3	0.1	0.2	0.2	23	0.02	0.073	5	8	0.06	32	0.067	<1	3.96	0.009	0.02	0.1	0.18	1.4	<.1	<.05	8	0.5	<1	1	32.1
FA-8 41+50N	557235	5468214	0.6	4.5	5.6	31	<.1	5.8	3.4	68	2.23	3.2	0.5	<.5	4.8	3	0.1	0.2	0.3	29	0.02	0.038	15	9	0.23	26	0.047	<1	1.25	0.003	0.03	0.2	0.02	1.1	0.1	<.05	7	<.5	<1	1	3.1
FA-8 42+00N	557250	5468234	0.5	2.4	6.5	14	<.1	2.6	1.3	28	1.3	1.6	0.2	<.5	2.6	2	<.1	0.2	0.2	27	0.01	0.02	11	5	0.07	24	0.038	<1	0.88	0.004	0.02	0.1	0.03	0.7	0.1	<.05	8	<.5	<1	1	1.6
FA-8 42+50N	557278	5468267	0.9	10.1	10.8	37	<.1	8.4	8.6	123	2.23	4	1.3	1.9	4.8	4	0.1	0.2	0.3	30	0.02	0.063	9	11	0.18	61	0.074	<1	3.18	0.007	0.03	0.2	0.12	2	0.1	<.05	9	0.6	<1	1	17.7
FA-8 43+00N	557244	5468324	0.9	8	12.9	35	<.1	7.7	4.5	96	2.68	5.4	0.7	1.4	4.4	3	0.1	0.4	0.4	37	0.02	0.053	8	12	0.2	41	0.077	<1	2.49	0.005	0.04	0.3	0.09	1.4	0.1	<.05	10	<.5	<1	1	16.7
FA-8 43+50N	557273	5468430	1.3	10.1	19.1	37	<.1	6.5	3.5	167	3.77	4.5	0.6	1.8	3.5	3	0.1	0.3	0.5	61	0.02	0.049	5	13	0.09	49	0.147	1	3.05	0.007	0.03	0.2	0.08	1.6	0.1	<.05	17	<.5	<1	2	29.3
FA-8 44+00N	557240	5468435	0.7	13.1	9.5	42	<.1	6.6	5.1	356	1.71	3.1	1.1	1.2	4.1	5	0.1	0.2	0.2	29	0.04	0.093	7	8	0.1	64	0.108	1	4.21	0.014	0.03	0.2	0.11	2.7	0.1	<.05	8	0.5	<1	1	43.6
FA-8 44+50N	557185	5468447	0.5	5.7	10.7	36	<.1	4.8	3.1	825	1.63	3.6	0.6	61.7	4.5	3	0.2	0.4	0.4	24	0.02	0.07	13	7	0.1	46	0.05	<1	1.22	0.005	0.04	0.2	0.07	1	0.1	<.05	7	<.5	<1	1	2.8
FA-8 45+00N	557133	5468445	0.5	5.6	13.9	46	<.1	9	5.7	440	1.78	3.4	0.9	1.1	6	4	0.1	0.4	0.3	21	0.03	0.063	14	9	0.33	74	0.052	<1	1.93	0.005	0.04	0.2	0.06	1.7	0.1	<.05	6	<.5	<1	1	10.5
FA-8 45+50N	557090	5468461	0.6	6.6	8.2	47	<.1	7.8	5.5	185	2.18	2.7	0.6	5.1	5.1	3	0.1	0.2	0.3	27	0.02	0.07	13	11	0.28	64	0.047	<1	1.86	0.005	0.04	0.2	0.05	1.4	0.1	<.05	7	<.5	<1	1	9.1
46+00	557067	5468504																																							

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
To Jasper Mining Corporation PROJECT FAITH
Acme file # A607682 Page 1 Received: OCT 13 2006 * 381 samples in this disk file.
Analysis: GROUP 1DX - 15 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Sn	Zr
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
FA-1 48+50W	0.2	6.6	5.5	30	<.1	9.2	5.6	152	1.36	2.1	0.7	4.2	5.4	4	0.1	0.2	0.2	10	0.06	0.047	25	6	0.51	48	0.021	<1	1.03	0.004	0.04	0.1	0.01	0.7	0.1	<.05	2	<.5	<1	<1	0.9
FA-1 48+00W	0.3	8.1	5.8	34	<.1	7.7	4.4	161	1.3	1.7	0.7	3.6	2.5	7	0.2	0.1	0.1	17	0.06	0.082	7	5	0.22	103	0.07	<1	2.75	0.014	0.03	0.1	0.04	1.1	0.1	<.05	6	<.5	<1	<1	11
FA-1 47+50W	0.4	9.3	7.9	39	<.1	11.3	5.7	224	1.79	2.8	0.8	1.2	5.9	5	0.1	0.2	0.2	19	0.04	0.08	18	10	0.48	172	0.041	1	2.21	0.01	0.05	0.1	0.03	1.4	0.1	<.05	5	<.5	<1	<1	7
FA-1 47+00W	0.5	7.1	9	50	<.1	8	4.7	401	1.59	2.6	0.7	0.6	3.3	7	0.1	0.2	0.3	20	0.05	0.121	15	8	0.37	122	0.057	1	2.21	0.011	0.04	0.1	0.05	1.2	0.1	<.05	7	<.5	<1	1	4.5
FA-1 46+50W	0.3	7.9	6.2	44	<.1	8.7	5.2	178	1.47	2.4	0.8	0.9	4.8	6	0.1	0.2	0.2	14	0.03	0.042	22	8	0.52	113	0.024	<1	1.44	0.007	0.05	0.1	0.02	1	0.1	<.05	4	<.5	<1	<1	2.2
FA-1 46+00W	0.4	9.5	9.4	48	<.1	11.3	7.5	386	1.82	3	1	<.5	5.8	7	0.1	0.2	0.2	19	0.04	0.066	21	9	0.49	150	0.045	<1	2.07	0.009	0.07	0.1	0.03	1.7	0.1	<.05	5	0.5	<1	<1	5.5
FA-1 45+50W	0.5	6.8	10.2	41	<.1	10.5	5.9	813	1.61	2.5	0.7	<.5	4.1	7	0.1	0.2	0.2	17	0.06	0.082	18	8	0.49	123	0.037	<1	1.88	0.007	0.06	0.2	0.04	1.1	0.1	<.05	5	<.5	<1	<1	2.1
FA-1 45+00W	0.2	4.9	5	29	<.1	11	7.7	199	1.51	2.9	0.7	<.5	7.2	2	<.1	0.2	0.2	6	0.03	0.037	22	7	0.82	50	0.008	<1	1.05	0.003	0.06	0.1	0.01	0.7	<.1	<.05	2	<.5	<1	<1	0.7
FA-1 44+50W	0.2	4.1	4.5	23	<.1	7.7	4.5	144	1.25	1.9	0.5	<.5	4.4	2	0.1	0.1	0.2	9	0.01	0.02	18	6	0.51	56	0.01	<1	0.95	0.003	0.05	<.1	0.01	0.7	<.1	<.05	3	<.5	<1	<1	0.2
FA-1 44+00W	0.3	7.1	4.6	28	<.1	12	8	460	1.72	2	2.2	0.8	9.5	11	<.1	0.2	0.2	7	0.3	0.166	27	7	0.8	99	0.008	<1	1.04	0.003	0.06	0.1	<.01	1.1	<.1	<.05	2	<.5	<1	<1	1
FA-1 43+50W	0.4	14.6	7.2	38	<.1	16.5	10.6	397	2.14	2.1	1.6	<.5	10	3	0.1	0.4	0.4	10	0.05	0.05	21	9	0.95	99	0.01	<1	1.49	0.004	0.08	0.1	0.02	1.3	0.1	<.05	3	<.5	<1	<1	0.4
FA-1 43+00W	0.4	6.9	6.3	40	<.1	14.6	7.7	113	2.05	2.8	0.9	<.5	8.6	4	0.1	0.3	0.3	18	0.03	0.029	25	11	0.8	145	0.021	<1	1.73	0.004	0.11	0.1	0.02	1.2	0.1	<.05	5	<.5	<1	<1	2
FA-1 42+50W	0.3	4.1	8.5	28	<.1	11.8	16.1	357	1.62	2.5	0.7	<.5	4.3	4	0.1	0.3	0.2	12	0.05	0.05	21	7	0.56	73	0.018	<1	1.39	0.005	0.06	0.1	0.04	0.8	0.1	<.05	4	<.5	<1	<1	0.8
FA-1 42+00W	0.5	4.1	6.9	35	<.1	12.7	7.9	222	1.81	2.6	0.9	<.5	10.1	4	0.1	0.6	0.2	12	0.02	0.036	29	9	0.88	85	0.016	<1	1.55	0.004	0.09	0.2	0.02	1.1	0.1	<.05	4	<.5	<1	<1	0.8
FA-1 41+50W	0.6	3.9	5.7	24	<.1	12	7.3	148	1.7	2.3	1.6	84.6	9.7	3	0.1	0.3	0.2	8	0.03	0.034	31	6	0.61	78	0.009	<1	1.17	0.003	0.08	0.1	0.01	1.1	0.1	<.05	2	<.5	<1	<1	0.7
FA-1 41+00W	0.3	4.4	4.8	26	<.1	11.7	7.1	218	1.49	1.6	2.4	<.5	9.3	4	0.1	0.2	0.2	8	0.03	0.034	29	7	0.67	96	0.012	<1	1.25	0.004	0.08	0.1	0.01	1.2	0.1	<.05	3	<.5	<1	<1	1.2
FA-1 40+50W	0.2	2.4	3.2	20	<.1	8.4	4.8	59	1.36	1.9	0.7	1.6	7.8	2	<.1	0.2	0.1	7	0.01	0.018	32	5	0.52	32	0.006	<1	0.73	0.002	0.04	0.5	0.01	0.5	<.1	<.05	2	<.5	<1	<1	0.6
FA-1 40+00W	0.3	3.7	4.2	27	<.1	10.5	5.5	123	1.51	1.8	0.8	0.7	7.2	4	<.1	0.2	0.1	11	0.03	0.043	32	6	0.51	104	0.024	<1	1.25	0.006	0.05	0.2	0.01	0.9	<.1	<.05	3	<.5	<1	<1	1.8
FA-1 39+50W	0.2	3.1	5.7	26	<.1	9.1	4.9	220	1.37	1.9	0.6	1.6	6.4	5	<.1	0.2	0.2	13	0.05	0.035	30	6	0.46	78	0.023	<1	1.07	0.005	0.06	0.1	0.02	0.8	0.1	<.05	4	<.5	<1	<1	0.6
FA-1 39+00W	0.4	7.2	7.9	37	<.1	11.8	6.6	277	1.61	2.6	0.7	0.5	6.6	6	0.1	0.2	0.2	17	0.04	0.068	23	7	0.41	92	0.048	1	1.76	0.007	0.06	0.1	0.02	1.3	0.1	<.05	5	<.5	<1	1	9.1
FA-1 38+50W	1.4	18.4	16.8	48	0.1	19.1	12.2	439	2.28	10.6	1.1	1.1	8.7	18	0.1	0.4	0.5	19	0.04	0.056	22	10	0.48	130	0.038	1	1.97	0.007	0.09	0.4	0.03	1.6	0.1	<.05	5	<.5	<1	1	4.6
FA-1 38+00W	0.3	4.6	4.7	29	<.1	8.5	5.2	156	1.39	2.2	0.6	3.1	6.3	3	<.1	0.2	0.2	11	0.03	0.03	25	6	0.51	63	0.018	1	1.13	0.004	0.05	0.1	0.02	0.7	<.1	<.05	3	<.5	<1	<1	2.6
FA-1 37+50W	0.2	4.7	4.2	26	<.1	8.9	5.4	112	1.32	2.3	0.8	0.6	7.6	2	<.1	0.2	0.2	9	0.02	0.031	26	6	0.47	37	0.015	1	0.9	0.003	0.04	0.1	0.01	0.7	<.1	<.05	2	<.5	<1	<1	2.6
FA-1 37+00W	0.5	9.2	8.3	85	0.3	13.2	9.2	109	1.97	2.5	0.7	0.9	5.8	6	0.2	0.2	0.2	22	0.05	0.057	16	10	0.29	115	0.062	1	2.94	0.012	0.06	0.1	0.06	1.6	0.1	<.05	7	<.5	<1	1	21.8
FA-1 36+50W	0.5	11.6	8.8	30	<.1	10.9	7.9	103	1.66	7.2	0.7	6.3	7.8	4	<.1	0.2	0.3	12	0.02	0.02	31	8	0.53	62	0.012	1	1.12	0.004	0.06	0.1	0.01	1	0.1	<.05	3	<.5	<1	<1	3.2
FA-1 36+00W	0.4	7.6	6	31	<.1	15.6	7.7	95	1.78	3.4	0.7	6	6.4	6	0.1	0.2	0.3	16	0.03	0.033	24	13	0.46	111	0.027	1	1.63	0.007	0.06	0.1	0.03	1.2	0.1	<.05	4	<.5	<1	<1	6.4
FA-1 35+50W	0.3	3.1	2.9	21	<.1	9.5	5.7	73	1.32	2	0.6	<.5	7.1	4	<.1	0.2	0.1	11	0.02	0.039	25	7	0.49	70	0.018	<1	0.92	0.004	0.04	<.1	0.01	0.8	<.1	<.05	3	<.5	<1	<1	3.3
FA-1 35+00W	0.3	4.8	5.8	23	<.1	8.9	5	89	1.48	2.3	0.7	10.8	5.6	6	<.1	0.2	0.2	15	0.06	0.105	25	7	0.41	79	0.042	<1	1.57	0.009	0.04	0.1	0.03	1.1	<.1	<.05	5	<.5	<1	<1	6.6
RE FA-1 35+00W	0.3	4.9	5.4	21	<.1	9.1	4.6	86	1.4	2.4	0.7	2.2	5.2	5	<.1	0.2	0.1	14	0.06	0.099	23	7	0.39	75	0.041	1	1.48	0.009	0.04	0.1	0.02	1.1	<.1	<.05	5	<.5	<1	<1	3.7
FA-1 34+50W	0.4	5.1	5.6	25	<.1	14.2	8.4	126	1.69	3	2.1	4.7	8.4	13	<.1	0.3	0.2	10	0.06	0.045	25	7	0.48	160	0.018	1	1.32	0.006	0.07	0.1	0.06	1.2	<.1	<.05	3	<.5	<1	<1	3.7
FA-1 34+00W	0.4	6.2	7.6	39	<.1	13.2	11.3	344	2.13	2.9	0.9	0.7	5.7	11	0.1	0.2	0.3	19	0.06	0.076	22	10	0.57	114	0.032	1	1.72	0.008	0.09	0.1	0.04	1.3	0.1	<.05	6	<.5	<1	1	1.5
FA-1 33+50W	0.2	3.9	3.8	29	<.1	9.8	5.8	102	1.49	2.5	0.7	0.9	5.7	3	<.1	0.2	0.2	7	0.02	0.028	29	6	0.54	65	0.008	<1	0.94	0.003	0.06	0.1	0.01	0.6	<.1	<.05	2	<.5	<1	<1	0.2
FA-1 33+00W	0.4	4.7	7.2	47	<.1	14.2	8.6	432	1.95	2.2	1.3	0.9	5	16	0.1	0.2	0.3	15	0.08	0.054	25	8	0.37	178	0.016	1	1.45	0.007	0.07	0.1	0.02	1	0.1	<.05	4	<.5	<1	<1	0.8
FA-1 32+50W	0.2	3.2	5.3	28	<.1	11	6.5	194	1.53	1.9	1.4	1	9.3	7	<.1	0.2	0.2	8	0.06	0.037	31	6	0.65	101	0.008	<1	0.99	0.004	0.05	0.1	0.01	0.8	<.1	<.05	2	<.5	<1	<1	0.8
STANDARD DS7	20.2	107.6	67.2	405	0.9	53.1	9.6	634	2.41	47.1	4.8	67	4.5	73	6.3	5.9	4.4	84	0.96	0.079	14	176	1.06	373	0.124	38	1.02	0.079	0.45	3.9	0.2	2.5	4.3	0.19	5	3.6	1	5	5.4
FA-1 32+00W	0.3	6.8	6.4	31	<.1	15.2	8	427	1.64	2.8	2.7	5.1	4	10	0.1	0.2	0.3	10	0.09	0.055	19	7	0.48	162	0.017	1	1.53	0.008	0.05	0.2	0.03	1.3	0.1	<.05	3	<.5	<1	<1	0.7
FA-1 31+50W	0.4	9.1	7.7	34	<.1	10.6	7.9	528	1.55	2.8	1.4	4.8	5.9	3	0.1	0.3	0.3	8	0.04	0.064	21	6	0.48	65	0.019	1	1.3	0.005	0.05	0.2	0.03	1.2	0.1	<.05	3	<.5	<1	<1	0.7
FA-1 31+00W	0.6	6.8	7	27	<.1	10.9	8.4	263	1.7	3.4	2.5	2.9	6.2	10	0.1	0.2	0.3	13	0.09	0.046	17	6	0.32	181	0.043	1	1.75	0.01	0.04	0.2	0.04	1.5	0.1	<.05	4	<.5	<1	<1	3.9
FA-1 30+50W	0.2	8.7	5.8	25	<.1	9.7	7.8	419	1.51	4.1	0.8	6.8	9.6	3	0.1	0.2	0.3	3	0.09	0.053	26	4	0.4	33	0.004	<1	0.46	0.003	0.04	0.2	0.01	1.3	<.1	<.05	1	<.5	<1	<1	0.4
FA-1 30+00W	0.4	7.6	6	32	<.1	15.4	19.4	368	1.9	6.8	1.7	1.6	5.4	6	0.1	0.3	0.4	8	0.04	0.048	20	5	0.36	98	0.01	<1	0.93	0.004	0.04	0.2	0.02	1.4	0.1	<.05	2	<.5	<1	<1	0.3
FA-1 29+50W	0.2	25.9	15.6	112	0.1	16	10.4	889	2.53	10.2	0.9	7.6	8.6	6	0.5	1.3	0.5	7	0.15	0.045	31	6	0.65	63	0.01	1	1.03	0.005	0.05	0.7	0.04	5.1	0.1	<.05	2	<.5	<1	<1	3
FA-1 29+00W	0.3	22.6	10.9	43	<.1	14.3	9.1	464	1.85	4.9	0.8	3	5.2	6	0.1	0.4	0.4	8	0.06	0.042	21	8	0.78	84	0.007	1	1.46	0.005	0.05	0.5	0.04	1.6	0.1	<.05	3	<.5	<1	<1	0.9
FA-1 28+50W	0.2	13.7	4.5	49	<.1	12.7	5.6	222	1.69	2	0.5	0.9	5.5	3	0.1	0.2	0.3	8	0.03	0.036	21	8	0.65	124	0.005	1	1.4	0.004	0.05	0.1	0.02	1.3	0.1	<.05	3	<.5	<1	<1	1.8
FA-1 28+00W	0.2	22.5	9.7	45	<.1	11.6	6.8	562	1.59	3.3	1.4	1.1	8	3	0.2	0.3	0.4	4	0.06	0.034	22	5	0.55	94	0.006	1	0.84	0.003	0.05	0.1	0.02	2	<.1	<.05	2	<.5	<1	<1	0.8
FA-1 27+50W	0.4	26.4	15.3	36	0.2	10.2	6.1	375	1.77	3.6	4	1.8	5.7	7	0.2	0.3	0.4	15	0.11	0.043	17	8	0.3	164	0.04	1	2.38	0.01	0.05	0.2	0.08	2.4	0.1	<.05	5	<.5	<1	1	5.7
FA-1 27+00W	0.4	9.5	6.3	31	<.1	10.2	6.9	178	1.4	2.4	0.7	5.8	5.6	2	0.1	0.2	0.3	5	0.02	0.053	19	6	0.37	64	0.008	1	1.22	0.004	0.04	0.2	0.02	0.9	<.1	<.05	2	<.5	<1	<1	1.5
FA-1 26+00W	0.4	11.2	7.5	36	<.1	11.1	6.8	204	1.46	2.5	0.9	3.7	5.4	2	0.1	0.2	0.3	6	0.02	0.045	23	6	0.42	62	0.012	<1	1.24	0.004	0.06	0.1	0.02	0.9	<.1	<.05	2	<.5	<1	<1	0.7
FA-1 25+50W	0.2	4.1	5.5	29	<.1	8.5	4.9	208	1.47	1.6	0.7	1.4	3.5	3	0.1	0.1	0.2	9	0.03	0.03	23	5	0.29	90	0.017	<1	1	0.005	0.05	0.1	0.03	0.7	<.1	<.05	3	<.5	<1	<1	0.4
FA-1 25+00W	0.2	3.1	3.9	29	<.1	6.5	3.7	112	1.16	1.2	0.6	7.6	5.1	2	0.1	0.2	0.2	6	0.01	0.022	22	4	0.26	42	0.006	1	0.68	0.003	0.03	0.1	0.02	0.5	<.1	<.05	2	<.5	<1	<1	0.6
FA-1 24+50W	0.2	2.8	3.4	22	<.1	7	3.5	79	1.3	1.6	0.7	1.7	5.7	1	0.1	0.1	0.2	6	0.01	0.053	21	4	0.28	49	0.007	<1	0.79	0.003	0.03	0.1	0.03	0.5	<.1	<.05	2	<.5	<1	<1	0.6
FA-1 24+00W	0.2	4.4	4	25	<.1	5.8	3.7	174	1.13	1	0.8	8.7	3.9	3	0.1	0.1	0.2	8	0.03	0.029	23	4	0.19	74	0.021	<1	0.96	0.005	0.03	0.1	0.02	0.8	<.1	<.05	3	<.5	<1	<1	1.3
FA-1 23+50W	0.1	7.7	9.9	26	<.1	10.6	6.8	283	1.35	2.4	2.9	1.9	4.2	4	0.1	0.2	0.3	6	0.07	0.046	21	5	0.3	164	0.008	<1	0.98	0.004	0.06	0.1	0.02	0.8	<.1	<.05	2	<.5	<1	<1	0.7
FA-1 23+00W	0.2	3.5	5	22	<.1	5.6	3.7	92	1.2	1.4	0.8	1.6	6.1	2	0.1	0.2	0.2	6	0.02	0.048	18	4	0.19	37	0.014	<1	0.86	0.003	0.03	0.1	0.03	0.7	<.1	<.05	2	<.5	<1	<1	2
FA-1 22+50W	0.2	4.5	5.6	26	<.1	8	4.9	105	1.46	2.5	1.1	2.8	3.8	3	0.1	0.1	0.2	8	0.02	0.024	25	5	0.28	90	0.013	1	0.92	0.003	0.05	0.2	0.01	0.6	<.1	<.05	2	<.5	<1	<1	0.2
FA-1 22+00W	0.3	5.6	7.2	34	<.1	8.5	5.2	111	1.68	3.1	0.8	9.5	6.2	2	0.1	0.1	0.3	9	0.02	0.029	19	6	0.27	78	0.009	<1	0.91	0.003	0.04	0.2	0.02	0.7	<.1	<.05	2	<.5	<1	<1	0.8
FA-1 21+50W	0.3	5.5	5.3	32	<.1	8.9	5	119	1.57	2.4	0.9	3.2	4.7	2	0.1	0.1	0.2	8	0.03	0.046	25	6	0.28	61	0.012	<1	0.92	0.004	0.04	0.2	0.02	0.8	<.1	<.05	2	<.5	<1	<1	0.8
FA-1 21+00W	0.3	12.7	9.1	38	<.1	11.5	7.7	201	1.78	4.6	0.9	17.3	6.5	3	0.1	0.2	0.3	7	0.03	0.04	21	7	0.32	59	0.011	<1	1.18	0.003	0.05	0.2	0.02	0.8	<.1	<.05	2	<.5	<1	<1	1.7
FA-1 20+50W	0.4	7.4	7.3	28	<.1	8.3	5	99	1.64	3.7	0.8	30.2	5.8	3	0.1	0.2	0.3	10	0.03	0.025	18	6	0.26	65	0.019	<1	1.26	0.005	0.03	0.1	0.03	1	<.1	<.05	3	<.5	<1	<1	4.2
RE FA-1 20+50W	0.4	6.8	7.3	30	<.1	8.6	4.9	101	1.7	3.6	0.8	1.5	5.9	3	0.1	0.1	0.3	10	0.03	0.028	18	6	0.27	66	0.019	<1	1.31	0.005	0.03	0.1	0.03	1	<.1	<.05	3	<.5	<1	<1	5.1
FA-1 20+00W	0.4	9.6	12	37	<.1	9.4	6.5	193	1.88	5.2	0.9	3.5	6.9	4	0.1	0.2	0.4	13	0.04	0.04	22	7	0.31	68	0.025	<1	1.26	0.005	0.05	0.1	0.03	1	0.1	<.05	4	<.5	<1	<1	1
FA-1 19+50W	0.3	7.6	7.9	54	<.1	10.7	6.5	150	1.99	4.8	0.9	3.1	7	3	0.1	0.2	0.3	13	0.02	0.045	22	8	0.3	48	0.019	<1	1.35	0.003	0.04	0.2	0.04	1.1	<.1	<.05	3	<.5	<1	<1	4.7
FA-1 19+00W	0.5	7.8	10	44	<.1	8	6.2	313	2	4.3	1	33.5	6.4	3	0.1	0.2	0.4	17	0.02	0.105	19	8	0.24	61	0.031	1	2.26	0.007	0.05	0.2	0.05	1.5	0.1	<.05	5	<.5	<1	<1	6.5
FA-1 18+50W	0.2	6.1	7.5	40	<.1	9.6	5.4	145	1.77	5.5	0.8	5.7	6.4	2	<.1	0.1	0.3	8	0.02	0.035	22	6	0.29	38	0.014	<1	0.85	0.003	0.03	0.2	0.02	0.7	<.1	<.05	2	<.5	<1	<1	3.2
FA-1 18+00W	0.2	10.8	9.1	39	<.1	10.8	6.6	208	1.87	5.4	0.9	5.3	7.2	3	0.1	0.2	0.3	8	0.03	0.047	22	6	0.32	39	0.017	<1	0.94	0.004	0.04	0.2	0.02	0.9	<.1	<.05	2	<.5	<1	<1	1.9
FA-1 17+50W	0.3	8.7	9.5	46	<.1	10.3	6.5	174	2.06	5.8	0.8	5.1	6.3	3	0.1	0.2	0.3	10	0.04	0.052	22	7	0.32	50	0.015	<1	1.13	0.003	0.04	0.1	0.02	0.8	0.1	<.05	2	<.5	<1	<1	1.2
FA-1 17+00W	0.4	29.3	14.4	48	<.1	14	8.3	1001	1.84	5.1	2.8	2.2	1	13	0.2	0.2	0.4	11	0.15	0.063	22	9	0.37	197	0.012	1	1.68	0.008	0.09	0.2	0.04	1	0.1	<.05	4	<.5	<1	<1	0.2
FA-1 16+50W	0.4	9	9.8	55	0.1	11.5	5.7	161	2.1	5.1	0.7	2.7	5.6	4	0.1	0.2	0.3	12	0.03	0.045	24	9	0.37	63	0.009	<1	1.46	0.003	0.06	0.2	0.03	0.9	0.1	<.05	3	<.5	<1	<1	1.5
FA-1 16+00W	0.2	10.7	7.9	42	<.1	11.4	6.7	232	2	4.6	1.2	22.7	4.6	4	0.1	0.2	0.3	8	0.03	0.021	24	7	0.34	47	0.016	<1	0.94	0.004	0.05	0.2	0.02	0.7	<.1	<.05	3	<.5	<1	<1	0.2
FA-1 15+50W	0.4	18	16	51	0.1	10	7.7	371	2.06	7	2.5	2.7	4.5	7	0.2	0.1	0.3	15	0.06	0.051	23	9	0.36	80	0.028	<1	1.96	0.009	0.06	0.2	0.05	1.3	0.1	<.05	5	<.5	<1	<1	1.4
STANDARD DS7	20.5	109.7	68.9	420	0.9	55.5	9.7	649	2.43	48	4.8	67.2	4.4	69	6.2	5.9	4.5	85	0.94	0.081	12	173	1.08	375	0.121	40	0.98	0.08	0.46	4	0.2	2.5	4.3	0.23	5	3.6	1	5	5.5
FA-1 15+00W	1.3	46	23.2	44	0.1	10.4	10.6	1335	2.07	6.2	4.8	4.4	2.3	9	0.2	0.2	0.4	20	0.09	0.044	18	9	0.26	108	0.047	1	1.74	0.009	0.04	0.4	0.07	1.3	0.1	<.05	7	<.5	<1	1	2.4
FA-1 14+50W	0.6	14.4	10.5	52	0.1	7.8	7.8	326	1.79	4.8	1.2	3.4	2.6	5	0.1	0.1	0.3	23	0.04	0.096	14	9	0.23	69	0.033	<1	2.64	0.008	0.04	0.3	0.07	1.7	0.1	<.05	6	0.5	<1	<1	6.9
FA-1 14+00W	0.4	11	9	57	<.1	10.5	6.7	237	1.78	2.8	0.9	1.6	3.5	5	0.1	0.1	0.3	13	0.04	0.029	16	8	0.36	100	0.009	<1	1.68	0.005	0.05	0.1	0.03	0.9	0.1	<.05	4	<.5	<1	<1	1.4
FA-1 13+50W	0.5	19.6	13.7	70	<.1	11.1	7.8	268	2.05	6	1.1	2.6	6.1	3	0.1	0.2	0.3	15	0.03	0.066	19	9	0.36	68	0.019	1	2.03	0.005	0.05	0.1	0.05	1.5	0.1	<.05	4	<.5	<1	<1	6.5
FA-1 13+00W	0.5	10.8	13.8	66	<.1	8.7	5.1	337	2.16	6.3	0.7	30.8	6.6	3	0.1	0.2	0.4	13	0.02	0.05	19	8	0.31	62	0.012	<1	1.55	0.003	0.05	0.2	0.03	0.8	0.1	<.05	4	<.5	<1	<1	3.9
FA-1 12+50W	0.6	17.6	19.1	64	0.1	12.3	8.8	238	2.52	9.7	1.1	23.4	7.6	4	0.1	0.3	0.4	14	0.03	0.052	23	10	0.37	62	0.016	1	1.63	0.004	0.06	0.2	0.04	1.1	0.1	<.05	4	<.5	<1	<1	1.5
FA-1 12+00W	0.8	21.3	15	63	<.1	10.9	6.8	174	2.55	10.8	1.2	4.9	6.6	4	0.1	0.2	0.4	14	0.03	0.035	23	10	0.39	63	0.016	<1	1.6	0.004	0.06	0.2	0.02	0.9	0.1	<.05	4	<.5	<1	<1	1.1
FA-1 11+50W	1	19.4	18.5	55	<.1	11.3	6.3	173	2.54	11.5	1.4	3.4	7.6	3	0.1	0.3	0.5	12	0.02	0.041	21	9	0.38	46	0.014	<1	1.28	0.003	0.06	0.2	0.03	0.8	0.1	<.05	3	<.5	<1	<1	1.5
FA-1 11+00W	0.9	25.3	28.4	56	<.1	13.9	9.7	384	2.27	10.6	1.7	1.1	10.3	3	0.1	0.3	0.5	9	0.02	0.029	24	9	0.4	44	0.016	<1	1.29	0.003	0.08	0.2	0.01	0.9	0.1	<.05	3	<.5	<1	<1	1.3
FA-1 10+50W	0.9	21	43	62	<.1	14.1	8.7	181	2.53	10.5	1.2	10.9	11.2	3	0.1	0.3	0.6	9	0.01	0.033	26	9	0.38	49	0.014	1	1.6	0.003	0.07	0.2	0.02	1.1	0.1	<.05	3	<.5	<1	<1	3.1
FA-1 10+00W	0.9	12.5	23.5	77	<.1	11.5	6.2	176	2.44	9.2	1	5.5	7.2	3	0.1	0.2	0.5	16	0.02	0.034	26	11	0.38	57	0.011	<1	1.9	0.004	0.08	0.2	0.04	1.2	0.1	<.05	4	<.5	<1	<1	3.6
FA-1 09+50W	1.2	10.8	20.1	37	<.1	6.7	5.5	202	1.63	5.9	0.7	5.5	2.2	5	0.2	0.2	0.7	15	0.04	0.034	19	6	0.16	57	0.016	1	0.88	0.004	0.05	0.2	0.03	0.5	0.1	<.05	4	<.5	<1	<1	0.8
FA-1 09+00W	0.9	14	24.1	64	<.1	9.1	5.9	223	2.22	7.5	0.9	2.7	3.9	4	0.1	0.3	0.4	17	0.03	0.036	20	8	0.28	52	0.017	<1	1.62	0.005	0.07	0.1	0.04	0.9	0.1	<.05	4	<.5	<1	<1	1.2
FA-1 08+50W	1.2	20.1	29.1	57	0.1	10.2	5.9	186	2.27	9	1.2	4.4	6.4	5	0.2	0.4	0.5	15	0.04	0.036	20	8	0.24	51	0.033	1	1.52	0.006	0.09	0.1	0.03	1.1	0.1	<.05	4	<.5	<1	<1	2.6
FA-1 08+00W	1.2	16.2	17.6	65	0.1	8.1	5.6	122	2.28	7.2	0.9	1.6	4.7	3	0.1	0.3	0.4	17	0.02	0.025	20	7	0.23	59	0.027	<1	1.65	0.006	0.08	0.1	0.02	1.4	0.1	<.05	4	<.5	<1	<1	3.1
FA-1 07+50W	1.3	29.2	43.8	65	<.1	16.1	8.1	186	2.27	9.5	1.3	4	10.6	2	0.1	0.5	0.5	10	0.01	0.029	23	8	0.26	71	0.016	1	1.73	0.004	0.16	0.2	0.03	1.2	0.2	<.05	3	<.5	<1	<1	4.8
FA-1 07+00W	1.3	23.5	35.8	47	<.1	13.5	6.6	137	2	8.7	1	2.9	9.5	2	0.2	0.4	0.4	8	0.01	0.023	20	7	0.23	43	0.017	1	1.23	0.003	0.12	0.1	0.03	0.8	0.2	<.05	2	<.5	<1	<1	2.1
FA-1 06+50W	1.3	18.1	28.7	48	0.1	10.6	6	253	2.13	8.3	1	2.3	6.3	3	0.1	0.3	0.5	16	0.03	0.038	20	8	0.19	63	0.029	1	1.76	0.005	0.12	0.1	0.06	1.2	0.2	<.05	5	<.5	<1	<1	4.1
FA-1 06+00W	1.3	23.9	33.1	54	<.1	13	7.8	268	2.08	9.5	1.1	3.3	10.3	3	0.2	0.3	0.4	10	0.02	0.03	23	7	0.23	66	0.026	1	1.48	0.004	0.18	0.1	0.03	1.1	0.2	<.05	3	<.5	<1	<1	2.7
RE FA-1 06+00W	1.3	24.1	33.7	55	<.1	12.5	7.9	266	2.09	9.7	1.2	2.3	10.3	3	0.1	0.3	0.4	10	0.02	0.032	23	7	0.24	66	0.027	1	1.53	0.005	0.18	0.1	0.02	1.1	0.2	<.05	3	<.5	<1	<1	2.5
FA-1 05+50W	1.3	25.4	36.5	54	<.1	13.7	7.1	156	2.1	9.8	1.1	3.8	9.8	2	0.1	0.3	0.5	9	0.01	0.029	21	7	0.23	63	0.019	1	1.42	0.003	0.17	0.1	0.02	1.1	0.2	<.05	3	0.5	<1	<1	2.3
FA-1 05+00W	1.3	18.1	36.7	68	0.2	11.7	9.4	691	1.98	6.9	1.2	5.7	3.8	9	0.3	0.4	0.5	15	0.11	0.045	19	7	0.2	83	0.022	1	1.47	0.006	0.14	0.1	0.05	1	0.2	<.05	4	<.5	<1	<1	1.2

FA-1 04+50W	1.5	25.1	45.3	74	<.1	18.5	9.5	215	2.38	10.2	1.2	3.5	10.1	2	<.1	0.4	0.5	10	0.01	0.03	27	9	0.25	115	0.02	1	1.76	0.004	0.22	0.1	0.02	1.4	0.2	<.05	3	<.5	<1	<1	2.1
FA-1 04+00W	0.8	15.3	15.3	34	0.4	5.6	5.2	201	1.72	3.6	1.1	1.7	3.2	4	0.2	0.2	0.3	25	0.03	0.039	11	7	0.12	45	0.087	1	3.71	0.015	0.04	0.2	0.09	2.9	0.1	0.06	8	0.6	<1	1	39.7
FA-1 03+50W	1.1	15	19.8	46	0.3	9.3	6	99	1.99	5.6	1.1	1.5	5.7	3	0.1	0.2	0.6	16	0.02	0.043	15	7	0.23	45	0.041	<1	2.38	0.009	0.05	0.2	0.05	2	0.1	<.05	5	0.6	<1	<1	21.7
FA-1 03+00W	1	12	18	51	0.2	10.4	5.2	99	2.2	4.5	0.8	2.3	5.6	3	0.1	0.2	0.5	21	0.02	0.035	20	11	0.32	54	0.025	<1	1.95	0.005	0.05	0.2	0.05	1.7	0.1	<.05	5	<.5	<1	<1	9.8
FA-1 02+50W	0.8	11.3	23.6	37	0.3	6	2.9	266	1.97	4	0.7	1	3.1	7	0.2	0.3	0.5	26	0.07	0.051	11	8	0.14	54	0.057	1	2.55	0.01	0.04	0.1	0.1	1.4	0.1	<.05	8	<.5	<1	1	11.7
FA-1 02+00W	1.1	17.1	29.4	53	<.1	12.9	6.2	143	2.16	7	0.9	0.9	6.8	3	0.1	0.2	0.8	13	0.02	0.029	22	8	0.27	54	0.022	1	1.54	0.004	0.06	0.1	0.03	1.2	0.1	<.05	4	<.5	<1	<1	2.7
FA-1 01+50W	1.1	15.1	25.7	60	0.1	11.3	6.4	143	2.14	5.8	0.9	0.9	6.6	3	0.1	0.2	0.6	15	0.02	0.031	20	8	0.24	60	0.022	<1	1.78	0.004	0.07	0.1	0.04	1.4	0.1	<.05	4	<.5	<1	<1	5.6
FA-1 01+00W	1.1	18.2	30.5	57	0.1	12.4	6.8	187	2.16	6.1	1.2	1.8	6.9	4	0.1	0.3	0.9	18	0.02	0.041	21	10	0.31	52	0.027	<1	1.85	0.005	0.07	0.1	0.04	1.5	0.1	<.05	4	<.5	<1	<1	4.6
FA-1 00+50W	1.3	16.7	31	72	0.1	13.1	7.3	206	2.33	7.9	1.1	1	6.9	4	0.2	0.2	1.1	15	0.02	0.036	21	10	0.31	50	0.019	<1	1.79	0.004	0.05	0.1	0.03	1.3	0.1	<.05	4	<.5	<1	<1	3.9
FA-1 00+00	1.6	18.8	35.3	73	0.3	12.1	7	171	2.6	8.8	1.3	3.9	7.2	4	0.1	0.3	0.9	18	0.03	0.053	19	10	0.26	54	0.019	<1	2.13	0.005	0.06	0.2	0.07	1.5	0.1	<.05	4	0.5	<1	<1	6.3
FA-2 00+00	0.6	9.9	9.6	37	<.1	8.1	4.7	143	1.87	2.7	1.2	0.9	4.4	8	0.2	0.1	0.2	25	0.06	0.122	7	8	0.29	123	0.102	1	4.08	0.016	0.04	0.3	0.07	1.7	0.1	0.06	9	0.5	<1	1	27.1
FA-2 00+50S	0.4	10.4	8.3	45	<.1	9.2	4.6	574	1.63	2	1.1	1.1	1.8	5	0.2	0.1	0.3	21	0.04	0.133	12	8	0.37	99	0.057	1	2.63	0.011	0.04	0.1	0.05	1.4	0.1	<.05	7	<.5	<1	1	4.6
STANDARD DS7	20.1	106.4	67.9	404	0.9	54.5	9.5	617	2.36	46.9	4.6	67.6	4.2	68	6.3	5.6	4.3	84	0.92	0.078	11	168	1.03	361	0.12	38	0.96	0.077	0.44	4	0.19	2.4	4.1	0.2	4	3.4	1	5	5.4
FA-2 01+00S	0.6	12.7	9.1	44	0.2	8.1	4.9	394	1.71	2.5	1.2	2.3	3.7	5	0.2	0.2	0.3	20	0.05	0.17	7	7	0.32	144	0.062	1	2.75	0.01	0.04	0.2	0.06	1.4	0.1	<.05	7	<.5	<1	1	12.9
FA-2 01+50S	0.6	10.2	8.9	66	0.2	9.5	5.7	222	2	2.7	0.9	2.1	3.8	11	0.2	0.2	0.2	25	0.11	0.198	4	7	0.17	171	0.095	2	3.78	0.011	0.03	0.3	0.11	1.5	0.1	<.05	8	<.5	<1	1	36.3
FA-2 02+00S	0.4	34.2	5.4	49	<.1	10.5	6.6	171	1.53	2.3	0.8	2.5	4.3	3	0.2	0.2	0.2	13	0.03	0.062	15	8	0.55	84	0.016	1	1.42	0.003	0.03	0.1	0.02	1.1	0.1	<.05	3	<.5	<1	<1	2.8
FA-2 02+50S	0.4	10	6.4	33	<.1	13.1	8.4	181	1.73	2.8	2.3	1.9	5.8	5	0.1	0.2	0.2	13	0.04	0.053	16	8	0.65	175	0.032	1	2.07	0.006	0.05	0.1	0.04	1.2	0.1	<.05	5	<.5	<1	<1	3.9
FA-2 03+00S	0.2	5.6	5	24	<.1	7.4	4	78	1.25	1.7	0.6	1.4	4	3	<.1	0.1	0.2	8	0.01	0.023	27	5	0.44	67	0.011	<1	1.02	0.003	0.04	0.1	0.02	0.7	<.1	<.05	2	<.5	<1	<1	0.6
FA-2 03+50S	0.2	3.9	3.4	24	<.1	8.5	5.3	122	1.12	1.8	1.2	2.6	3.1	6	0.1	0.2	0.1	7	0.05	0.041	13	7	1.02	71	0.009	1	1.24	0.003	0.03	0.1	0.02	0.7	<.1	<.05	3	<.5	<1	<1	0.4
FA-2 04+00S	0.6	8.5	7.1	30	<.1	8.1	4.7	400	0.91	0.9	3.2	2.4	1.6	24	0.1	0.1	0.1	6	0.23	0.044	14	6	0.51	98	0.011	1	0.96	0.006	0.05	0.1	0.05	0.6	0.1	<.05	2	<.5	<1	<1	0.7
FA-2 04+50S	0.7	11.8	10.6	42	<.1	9.4	8.2	635	1.38	3	1.8	2.2	1.5	16	0.2	0.2	0.2	10	0.26	0.048	15	6	0.43	129	0.021	1	1.09	0.006	0.05	0.1	0.05	0.7	0.1	<.05	3	<.5	<1	<1	1.1
FA-2 05+00S	0.6	16.1	10.3	25	0.1	7.2	5.5	240	1.47	3.4	5.2	1.1	1	9	0.1	0.1	0.2	11	0.12	0.054	17	6	0.32	97	0.032	1	1.44	0.008	0.04	0.1	0.05	0.9	0.1	<.05	5	<.5	<1	1	3.2
FA-2 05+50S	1.3	26.1	10.9	35	<.1	12.6	8.1	244	1.71	5.5	14	3.4	3.5	10	0.1	0.2	0.3	13	0.17	0.05	21	9	0.6	225	0.02	1	1.81	0.007	0.07	0.1	0.04	1.8	0.1	<.05	5	<.5	<1	<1	3.9
RE FA-2 05+50S	1.2	25.9	11.2	34	0.1	12.5	8.2	246	1.73	5.4	14.4	6.4	3.7	10	0.1	0.2	0.3	13	0.17	0.052	22	9	0.63	228	0.021	1	1.85	0.007	0.08	0.1	0.03	1.8	0.1	<.05	4	<.5	<1	<1	4.1
FA-2 06+00S	1.1	42.5	14.2	27	0.2	13.5	5.8	142	1.94	7.7	51	5.3	1.5	23	0.2	0.3	0.4	15	0.39	0.115	22	10	0.31	342	0.057	1	4.07	0.016	0.06	0.1	0.13	2	0.1	<.05	7	1.1	<1	1	7.9
FA-2 06+50S	2.3	72	20.1	61	0.3	15.4	13.1	4412	2.36	9.5	14.8	3.2	2.3	20	0.5	0.4	0.6	21	0.29	0.123	45	12	0.42	342	0.037	1	2.88	0.012	0.08	0.2	0.09	2.4	0.2	<.05	9	0.7	<1	1	4.6
FA-2 07+00S	0.8	10.4	6.3	40	<.1	9.3	7.9	272	1.82	4	1.4	1.2	2.3	4	0.1	0.2	0.3	12	0.03	0.076	13	6	0.36	104	0.018	1	1.58	0.004	0.04	0.1	0.04	1	0.1	<.05	4	<.5	<1	<1	2.2
FA-2 07+50S	0.8	11.5	7.8	42	<.1	11.7	8.3	272	1.95	3.6	1.7	2.1	3.2	9	0.2	0.2	0.3	13	0.09	0.065	15	8	0.47	155	0.024	<1	1.49	0.005	0.05	0.1	0.04	0.9	0.1	<.05	5	<.5	<1	<1	2.1
FA-2 08+00S	0.5	9.5	9.2	50	<.1	8.5	7.4	484	1.79	3.5	0.8	1.8	2.3	7	0.2	0.2	0.3	16	0.06	0.13	12	7	0.31	152	0.031	1	1.64	0.006	0.04	0.1	0.03	1	0.1	<.05	5	<.5	<1	<1	2.9
FA-2 08+50S	0.6	9.8	6.9	30	<.1	10.4	12.5	528	1.51	4	1.8	1.1	3	6	0.1	0.2	0.3	6	0.11	0.057	16	5	0.41	98	0.011	1	0.95	0.004	0.04	0.1	0.03	0.9	<.1	<.05	2	<.5	<1	<1	0.8
FA-2 09+00S	1	16.2	10.4	47	<.1	11.6	11.6	425	1.67	3.9	1.8	3.8	3.8	7	0.2	0.2	0.3	15	0.08	0.065	15	7	0.36	201	0.028	1	1.98	0.007	0.05	0.2	0.04	1.4	0.1	<.05	5	<.5	<1	<1	4.3
FA-2 09+50S	0.4	5.4	4.8	32	<.1	6.8	4.7	143	1.37	2.6	0.8	6.9	3.1	6	0.1	0.2	0.2	9	0.08	0.04	17	4	0.29	151	0.015	<1	1.1	0.004	0.04	0.1	0.02	0.9	<.1	<.05	3	<.5	<1	<1	1.8
FA-2 10+00S	0.4	7.3	7.6	39	<.1	9	6.4	227	1.54	3.4	1.9	6.7	4.7	4	0.1	0.2	0.2	10	0.04	0.058	18	6	0.3	156	0.024	<1	1.41	0.004	0.04	0.2	0.04	1.2	<.1	<.05	4	<.5	<1	<1	4.1
FA-2 10+50S	1.6	42.9	21.3	60	0.5	18.8	10.8	2103	2.84	10.6	31.2	1.1	3.3	30	0.7	0.4	0.6	27	0.52	0.085	29	15	0.41	992	0.051	1	3.42	0.016	0.09	0.2	0.07	2.5	0.1	<.05	12	0.8	<1	1	6.3
FA-2 11+00S	0.2	8.5	6.2	45	<.1	7.1	4.7	238	1.41	2.7	1	14	2.3	7	0.2	0.1	0.2	16	0.05	0.065	18	6	0.25	249	0.026	<1	1.71	0.009	0.04	0.1	0.03	1.3	0.1	<.05	4	<.5	<1	<1	2.9
FA-2 11+50S	0.7	7.7	7.6	37	<.1	7.2	5	124	1.79	3.7	0.9	2.6	3.8	5	0.1	0.2	0.2	13	0.03	0.109	15	7	0.23	166	0.032	<1	2	0.007	0.04	0.2	0.04	1.2	<.1	<.05	5	<.5	<1	<1	7.4
FA-2 12+00S	0.7	12.9	8.5	35	<.1	5.9	5	284	1.67	3.7	1.9	7.6	2.7	10	0.2	0.1	0.2	21	0.12	0.073	9	6	0.14	176	0.105	1	3.79	0.018	0.03	0.2	0.08	2	0.1	<.05	9	0.5	<1	1	31.8
FA-2 12+50S	0.9	17.1	18.1	64	<.1	10.2	7.9	326	1.95	8.5	5.3	10.5	3	13	0.2	0.3	0.3	14	0.16	0.049	15	8	0.37	156	0.039	1	1.63	0.007	0.1	0.2	0.05	1.2	0.1	<.05	4	0.6	<1	<1	4.1
FA-2 13+00S	1.3	19.6	28.1	75	0.1	15	14.6	704	2.06	9.3	6	0.8	2.1	22	0.6	0.4	0.4	14	0.27	0.061	38	9	0.36	94	0.022	<1	1.65	0.008	0.09	0.2	0.05	1.1	0.2	<.05	4	0.5	<1	<1	1
FA-2 13+50S	1	15.9	15.1	52	<.1	8	4.8	308	2.09	6.4	1.3	1.5	3.9	4	0.1	0.2	0.3	24	0.04	0.084	11	9	0.26	62	0.053	1	3.06	0.009	0.05	0.2	0.08	2	0.1	<.05	7	0.6	<1	1	18.6
FA-2 14+00S	1	15.8	15.1	63	0.1	11.8	5.8	310	2.27	8.8	1	0.7	5.2	4	0.1	0.3	0.3	20	0.03	0.077	10	12	0.29	67	0.039	1	3.3	0.008	0.05	0.2	0.08	1.8	0.1	<.05	6	0.5	<1	<1	22.4
FA-2 14+50S	0.9	16.1	16	69	<.1	11.8	6.6	324	2.33	8.3	1	2.7	5.9	3	0.1	0.3	0.3	18	0.03	0.06	16	11	0.4	76	0.032	<1	2.04	0.005	0.07	0.2	0.05	1.5	0.1	<.05	5	<.5	<1	<1	6.6
FA-2 15+00S	0.6	10.5	10.6	53	<.1	10	6.2	169	2.02	5.6	0.8	17.7	4.9	3	0.1	0.3	0.3	14	0.02	0.038	17	8	0.29	62	0.026	<1	1.53	0.004	0.04	0.2	0.02	1.2	0.1	<.05	4	<.5	<1	<1	5.5
FA-2 15+50S	1.1	15.1	14.7	105	0.1	16.3	9.1	255	2.64	5.9	1	7.5	5.5	7	0.2	0.3	0.4	31	0.05	0.056	17	15	0.4	126	0.033	1	2.6	0.007	0.06	0.2	0.05	2.5	0.1	<.05	6	0.5	<1	1	14.1
FA-2 16+00S	0.7	16.3	15	48	<.1	13.5	8.7	286	1.84	7	1.7	3.7	8.4	3	<.1	0.3	0.3	10	0.03	0.028	24	8	0.43	49	0.03	<1	1.14	0.004	0.09	0.1	0.02	1	0.1	<.05	3	<.5	<1	<1	2.1
FA-2 16+50S	0.8	14.1	15.6	49	<.1	13	8.4	236	1.81	6.1	1.1	<.5	7.1	4	0.1	0.3	0.3	12	0.03	0.023	23	8	0.36	59	0.025	1	1.3	0.005	0.06	0.1	0.04	1	0.1	<.05	3	<.5	<1	<1	2.5
FA-2 17+00S	0.6	14.6	12.3	53	<.1	14.3	8	191	2	7.3	1.1	1.6	7	4	<.1	0.2	0.4	11	0.03	0.032	28	9	0.48	49	0.024	1	1.35	0.004	0.09	0.1	0.03	1.1	0.1	<.05	3	<.5	<1	<1	2
STANDARD DS7	19.6	107.5	68.3	410	0.9	55	9.5	626	2.39	48.3	4.7	65.9	3.8	65	6.4	5.8	4.4	84	0.89	0.081	11	167	1.03	348	0.102	40	0.93	0.075	0.44	3.7	0.19	2.4	4.2	0.22	4	3.6	1	5	5
FA-2 17+50S	1.1	14	17.5	60	<.1	14.7	8.7	269	2.28	8	1.4	8.3	5.9	7	<.1	0.3	0.4	16	0.08	0.026	23	11	0.58	56	0.041	1	1.42	0.006	0.13	0.1	0.03	1.2	0.2	<.05	4	<.5	<1	<1	0.6
FA-2 18+00S	0.7	13.5	11	49	<.1	14.6	6.9	186	2.11	9.1	1.1	3.7	6.4	4	<.1	0.3	0.4	11	0.05	0.038	26	9	0.47	38	0.023	<1	1.18	0.004	0.08	0.1	0.02	1	0.1	<.05	3	<.5	<1	<1	0.5
FA-2 18+50S	0.6	17.4	14.5	46	<.1	13.1	10	337	1.73	7.2	1.4	7.1	10.6	3	0.1	0.3	0.3	9	0.04	0.024	28	7	0.45	41	0.024	<1	0.88	0.003	0.08	0.1	<.01	1	0.1	<.05	2	<.5	<1	<1	1.6
FA-2 19+00S	0.8	20.3	20.9	61	<.1	19	11.1	304	2.06	10.5	1.5	2.4	9.2	3	0.1	0.4	0.3	11	0.04	0.039	22	9	0.51	47	0.044	<1	1.3	0.004	0.14	0.1	0.01	1.1	0.2	<.05	3	<.5	<1	<1	1
FA-2 19+50S	0.7	19.5	19.9	61	<.1	17.5	7.4	282	2.27	9.1	1.7	1.9	7	4	0.1	0.4	0.4	15	0.04	0.068	23	12	0.61	89	0.04	<1	1.74	0.004	0.17	0.1	0.03	1.3	0.2	<.05	4	0.5	<1	<1	0.6
FA-2 20+00S	0.6	13	16.2	60	<.1	11.9	10.4	330	2.14	7.5	1.1	2.9	7.2	4	0.1	0.3	0.4	17	0.04	0.074	19	10	0.42	69	0.046	<1	1.77	0.005	0.08	0.2	0.04	1.4	0.1	<.05	5	<.5	<1	<1	2.5
FA-2 20+50S	0.4	9.2	10.3	43	<.1	12.2	7	172	1.74	6.5	0.9	2.5	8.8	3	0.1	0.2	0.3	10	0.04	0.059	23	8	0.54	34	0.027	<1	1.22	0.003	0.06	0.1	0.02	1	0.1	<.05	3	<.5	<1	<1	2
FA-2 21+00S	0.5	10.6	10.1	38	<.1	12.8	6.9	194	1.59	4.6	0.9	3.4	7.6	3	0.1	0.2	0.3	9	0.03	0.038	21	7	0.45	43	0.017	<1	1.17	0.003	0.05	0.1	0.02	0.8	0.1	<.05	3	<.5	<1	<1	1.4
FA-2 21+50S	0.4	9.1	8.7	39	<.1	13.3	7.5	265	1.55	4.1	0.9	0.6	7	3	0.1	0.2	0.2	10	0.04	0.054	22	7	0.51	43	0.019	<1	1.24	0.003	0.06	0.1	0.03	0.9	0.1	<.05	3	<.5	<1	<1	0.9
FA-2 22+00S	0.2	7.3	7.2	33	<.1	14.6	8.5	238	1.46	4.2	0.8	1.4	7.4	2	0.1	0.2	0.2	7	0.06	0.066	21	7	0.62	25	0.013	<1	1.06	0.003	0.05	0.1	0.01	0.7	<.1	<.05	2	<.5	<1	<1	0.7
FA-2 22+50S	0.3	7.5	6.8	31	<.1	10.7	5.8	210	1.43	3.7	0.8	2.5	7.7	2	<.1	0.1	0.3	7	0.04	0.047	23	6	0.49	23	0.013	<1	0.83	0.002	0.04	0.1	0.01	0.6	<.1	<.05	2	<.5	<1	<1	0.5
FA-2 23+00S	0.4	6.8	6.6	43	<.1	11.7	6.5	295	1.57	3.9	1	2.1	4.8	3	0.1	0.2	0.3	8	0.04	0.085	19	6	0.53	46	0.01	<1	1.33	0.004	0.05	0.1	0.04	0.7	0.1	<.05	3	<.5	<1	<1	0.9
FA-2 23+50S	0.7	21.2	15.6	54	<.1	19.2	7.6	216	1.98	9	1.7	1.7	6.7	4	0.1	0.3	0.4	9	0.03	0.056	25	10	0.58	65	0.014	<1	1.55	0.004	0.09	0.1	0.04	1.1	0.1	<.05	3	0.6	<1	<1	0.5
FA-2 24+00S	0.5	5.2	6.6	31	<.1	9	4.4	129	1.62	3.2	0.6	3.1	4.2	2	0.1	0.2	0.2	13	0.02	0.037	21	7	0.5	37	0.018	<1	1.34	0.004	0.04	0.1	0.04	0.9	0.1	<.05	4	<.5	<1	<1	0.6
FA-2 24+50S	0.7	7.1	7.7	38	<.1	9.5	4.8	140	1.76	4.8	0.7	0.9	5.8	2	<.1	0.2	0.2	13	0.02	0.051	22	9	0.51	45	0.017	<1	1.39	0.003	0.06	0.2	0.02	1	0.1	<.05	3	<.5	<1	<1	1
RE FA-2 24+50S	0.7	7.4	7.7	36	<.1	9.2	4.8	138	1.74	4.7	0.7	4	5.8	2	<.1	0.2	0.2	13	0.02	0.05	20	8	0.48	45	0.014	<1	1.35	0.003	0.05	0.2	0.03	1	0.1	<.05	3	<.5	<1	<1	1.1
FA-2 25+00S	0.4	6.3	6.6	32	<.1	9.1	4.2	106	1.47	4	0.7	1.1	5.6	2	<.1	0.2	0.2	8	0.01	0.026	20	7	0.51	32	0.015	<1	1.13	0.002	0.04	0.1	0.03	0.8	0.1	<.05	2	<.5	<1	<1	0.8
FA-2 25+50S	0.8	11.4	12	53	<.1	9.9	5.6	192	1.97	6.9	0.9	7	4.5	3	0.1	0.3	0.3	14	0.02	0.05	18	9	0.39	40	0.02	1	1.57	0.004	0.06	0.1	0.05	1	0.1	<.05	4	<.5	<1	<1	1.2
FA-2 26+00S	0.9	21.2	8.2	51	<.1	12.5	6.2	128	1.7	5.2	1.1	87.5	3.9	3	0.1	0.2	0.3	10	0.03	0.035	23	7	0.43	52	0.014	<1	1.45	0.004	0.06	0.1	0.04	0.9	0.1	<.05	3	<.5	<1	<1	0.6
FA-2 26+50S	0.7	11.9	8.6	33	<.1	11.8	7.4	179	1.33	9	1.5	<.5	8	2	<.1	0.2	0.3	5	0.03	0.037	22	7	0.4	39	0.012	1	1.13	0.003	0.05	0.1	0.02	1	0.1	<.05	2	<.5	<1	<1	0.9
FA-2 27+00S	0.7	8.6	10.1	27	<.1	8	6.6	153	1.45	6.3	0.8	1.6	5.6	3	0.2	0.2	0.3	7	0.03	0.027	11	6	0.29	34	0.014	1	1.19	0.006	0.04	0.1	0.04	1	<.1	<.05	2	<.5	<1	<1	2.8
FA-2 27+50S	1	17.7	23.5	61	<.1	14.8	8.8	243	2.01	11.8	1.2	5.9	6.9	4	0.1	0.4	0.3	12	0.04	0.031	22	8	0.41	50	0.031	1	1.25	0.005	0.08	0.2	0.02	1	0.1	<.05	3	<.5	<1	<1	0.9
FA-2 28+00S	1	12.5	20.9	58	<.1	14.3	9.3	246	1.92	11.9	0.9	5.2	6.7	2	0.1	0.4	0.3	10	0.03	0.035	23	8	0.46	43	0.023	<1	1.18	0.003	0.08	0.2	0.02	0.9	0.1	<.05	3	<.5	<1	<1	0.6
FA-2 28+50S	0.7	12.6	17.1	56	<.1	19	14	298	2.06	12.3	1	5.8	7.2	3	0.1	0.3	0.5	8	0.03	0.026	22	7	0.45	32	0.013	<1	1.05	0.003	0.07	0.1	0.02	0.9	0.1	<.05	2	<.5	<1	<1	0.6
FA-2 29+00S	1.1	18.2	24.1	103	0.1	24.7	21.7	478	2.74	16.8	2.4	6.8	4.9	10	0.2	0.4	0.6	15	0.1	0.055	26	12	0.53	60	0.031	1	2.21	0.007	0.1	0.1	0.03	1.5	0.2	<.05	4	0.6	<1	<1	1.9
FA-2 29+50S	1.5	20.8	30.7	68	<.1	16	12	314	2.53	20.3	1.2	20.5	6.5	4	0.1	0.6	0.5	7	0.03	0.057	19	7	0.32	36	0.022	1	1.18	0.003	0.11	0.7	0.02	0.8	0.2	<.05	2	<.5	<1	<1	0.6
FA-2 30+00S	1.5	21.7	32.8	99	0.1	13.6	7.8	246	2.96	25.5	1.2	3.4	4.9	5	0.1	0.7	0.6	11	0.04	0.08	23	9	0.33	58	0.015	<1	1.52	0.004	0.13	0.3	0.04	0.9	0.2	<.05	3	<.5	<1	<1	0.5
FA-2 30+50S	1.5	27.2	41.9	172	<.1	33.6	15.6	279	3.06	34.6	2.1	4.8	6.3	8	0.1	0.6	0.7	11	0.06	0.033	40	9	0.34	43	0.026	<1	1.53	0.005	0.15	0.1	0.02	1.4	0.2	<.05	3	0.7	<1	<1	0.6
FA-2 31+00S	1.7	22.9	35.5	78	0.1	14.4	7.1	263	2.75	28.6	0.9	5.9	8.6	5	0.1	0.5	0.5	14	0.04	0.046	19	13	0.55	67	0.052	1	1.97	0.005	0.21	0.1	0.04	1.5	0.3	<.05	4	<.5	<1	<1	2
FA-2 31+50S	1.7	28.5	37.5	83	<.1	19.4	9.4	248	2.89	31.6	1.4	4.7	9.1	5	0.1	0.7	0.6	14	0.04	0.046	29	13	0.58	60	0.051	1	1.79	0.005	0.19	0.1	0.03	1.6	0.2	<.05	4	0.6	<1	<1	1.1
FA-2 32+00S	1.2	26.1	30.7	79	<.1	21.2	19.4	399	2.62	28.1	1.4	6	10.8	5	0.1	0.7	0.5	11	0.05	0.039	30	10	0.59	48	0.037	<1	1.33	0.004	0.15	0.1	0.01	1.4	0.2	<.05	3	<.5	<1	<1	1
FA-2 32+50S	1.4	23.5	33.2	64	<.1	17.3	21	410	2.73	40.1	1.4	18.2	8.7	5	0.2	0.6	0.6	10	0.05	0.049	26	9	0.5	37	0.026	<1	1.32	0.004	0.1	0.1	0.03	1.2	0.1	<.05	3	<.5	<1	<1	1
FA-2 33+00S	1	14.9	9	40	<.1	10	6.7	146	2.05	10.9	0.7	11.5	3.1	3	0.1	0.4	0.3	10	0.02	0.024	22	7	0.45	24	0.016	<1	1.07	0.003	0.06	0.1	0.02	0.7	0.1	<.05	3	<.5	<1	<1	0.1
FA-2 33+50S	1.1	17.3	11.3	43	<.1	12.9	9.3	212	2.09	9	0.8	5.9	4	4	0.1	0.4	0.4	14	0.03	0.036	24	8	0.51	35	0.019	<1	1.33	0.004	0.07	0.1	0.04	0.9	0.1	<.05	4	<.5	<1	<1	0.4
STANDARD DS7	20.4	107.7	66.7	403	0.9	54.7	9.3	615	2.38	47.8	4.7	62.5	4.2	68	6.3	6	4.3	83	0.94	0.078	12	171	1.04	370	0.12	38	0.97	0.077	0.44	4	0.17	2.5	4.1	0.22	5	3.8	1	5	5.4
FA-26 00+00	0.3	13.2	8.4	42	<.1	13.9	7.5	288	1.55	4.4	1.1	1.8	4.5	4	0.1	0.2	0.3	8	0.06	0.07	21	7	0.44	38	0.02	1	1.24	0.004	0.05	0.1	0.03	0.8	0.1	<.05	3	<.5	<1	<1	0.4
FA-26 00+50E	0.4	5.5	7	33	<.1	10.7	6.2	225	1.49	3.3	0.7	0.6	5.6	2	0.1	0.2	0.3	9	0.03	0.067	14	7	0.44	43	0.014	1	1.43	0.003	0.03	0.1	0.04	0.7	<.1	<.05	3	<.5	<1	<1	1.5
FA-26 01+00E	0.3	4.7	5.3	32	<.1	8.5	4.6	148	1.44	2.3	0.7	0.5	3	2	0.1	0.2	0.3	9	0.02	0.036	18	6	0.41	32	0.014	<1	1.07	0.003	0.03	0.1	0.04	0.6	<.1	<.05	3	<.5	<1	<1	0.2
FA-26 01+50E	0.3	4.2	5.9	31	<.1	10.2	6.1	181	1.26	4.4	0.7	1.4	6.6	2	0.1	0.2	0.2	6	0.05	0.065	17	7	0.69	23	0.013	<1	1.14	0.003	0.04	0.1	0.02	0.6	<.1	<.05	2	<.5	<1	<1	0.9
FA-26 02+00E	0.5	5.3	9.1	36	<.1	8.4	4.7	301	1.72	3.5	0.8	1.4	5.4	2	0.1	0.2	0.3	14	0.02	0.081	16	7	0.35	42	0.021	1	1.45	0.004	0.04	0.1	0.05	0.8	0.1	<.05	4	<.5	<1	<1	1.7
FA-26 02+50E	0.5	8.3	8.9	33	<.1	8.6	4.6	139	1.62	4.1	0.9	3.4	7.1	3	0.1	0.2	0.3	13	0.04	0.046	16	7	0.42	36	0.035	1	1.53	0.005	0.04	0.1	0.04	1.1	0.1	<.05	4	<.5	<1	<1	3
FA-26 03+00E	0.4	8.6	10.4	42	<.1	11.5	7.9	201	1.58	4.1	1	8.7	8.9	2	0.1	0.2	0.3	7	0.01	0.024	20	7	0.37	36	0.015	1	1.29	0.002	0.04	0.1	0.03	0.9	0.1	<.05	2	<.5	<1	<1	3.2
FA-26 03+50E	0.4	10.3	9.3	35	<.1	9.9	5.2	113	1.55	6.7	1.1	1.3	7.5	2	0.1	0.2	0.3	6	0.02	0.033	21	6	0.31	32	0.019	<1	0.94	0.002	0.03	0.1	0.03	0.8	0.1	<.05	2	<.5	<1	<1	0.8
FA-26 04+00E	0.6	8.1	9.7	50	<.1	9.3	4.9	106	1.83	5.6	0.7	1.7	5.5	3	<.1	0.2	0.3	16	0.02	0.026	17	9	0.3	57	0.03	<1	1.5	0.004	0.05	0.1	0.02	1.1	0.1	<.05	4	<.5	<1	<1	4.1
FA-26 04+50E	0.5	10.4	13.8	38	<.1	9.2	4.8	141	1.76	5.6	1.1	2.7	8.1	2	0.1	0.2	0.3	6	0.02	0.023	22	7	0.37	36	0.019	<1	1	0.003	0.06	0.1	0.02	0.7	0.1	<.05	2	<.5	<1	<1	0.5
FA-26 05+00E	0.6	12.5	11.5	52	<.1	13.4	6.5	184	1.77	5.4	1	2	8.2	2	0.1	0.2	0.3	10	0.02	0.036	22	8	0.4	52	0.016	<1	1.46	0.004	0.07	0.1	0.03	1.1	0.1	<.05	3	<.5	<1	<1	2.3
FA-26 05+50E	0.3	8.9	9	37	<.1	10.5	5.5	235	1.47	3.5	1.3	1.8	8.4	3	<.1	0.2	0.3	5	0.06	0.053	25	5	0.32	32	0.014	<1	0.76	0.003	0.05	0.1	0.01	0.5	<.1	<.05	2	<.5	<1	<1	0.3
FA-26 06+00E	1	13.4	10.6	46	<.1	9.6	5.2	170	1.98	6.5	1.4	4.8	1.5	3	0.1	0.2	0.3	13	0.03	0.049	20	9	0.35	43	0.016	<1	1.43	0.004	0.06	0.1	0.03	0.7	0.1	<.05	4	<.5	<1	<1	0.2
FA-26 06+50E	0.8	8.7	8.9	38	<.1	8.7	5.9	234	1.51	3.8	1.3	4.3	3.8	4	0.1	0.2	0.2	7	0.05	0.019	17	7	0.36	29	0.022	1	0.86	0.004	0.06	0.1	0.01	0.6	0.1	<.05	2	<.5	<1	<1	0.2
FA-26 07+00E	0.9	19.5	19.8	73	<.1	14.1	11.8	515	1.96	8.7	1.5	8.8	7.4	8	0.1	0.3	0.3	10	0.15	0.032	21	8	0.41	67	0.025	<1	1.11	0.003	0.1	0.1	0.02	1	0.1	<.05	3	<.5	<1	<1	0.7

FA-26 07+50E	0.8	17.3	18.1	54	<.1	13.8	10.5	341	2.01	7.4	1.2	10.8	8.3	5	0.1	0.3	0.3	11	0.04	0.018	23	9	0.48	40	0.031	<1	1.11	0.003	0.1	0.1	<.01	1	0.1	<.05	3	<.5	<1	<1	0.7
RE FA-26 07+50E	0.8	17.1	17.7	54	<.1	13.9	10.8	349	2.01	7.5	1.2	2.2	8.1	5	<.1	0.3	0.3	11	0.04	0.018	24	9	0.49	42	0.032	<1	1.12	0.003	0.11	0.1	<.01	1	0.1	<.05	3	<.5	<1	<1	0.8
FA-3 00+00	0.7	10.2	11.4	51	0.1	9.7	5.7	355	1.97	4	0.8	3.3	4.7	3	0.1	0.2	0.3	25	0.02	0.072	16	10	0.32	49	0.054	1	2.35	0.007	0.04	0.1	0.04	1.6	0.1	<.05	7	<.5	<1	1	6
FA-3 00+50E	0.5	10.1	7.2	47	0.2	11.3	6.1	226	1.97	3.9	1	3.7	6.2	3	0.1	0.2	0.3	17	0.02	0.052	20	8	0.34	54	0.033	1	2.15	0.005	0.05	0.2	0.05	2	0.1	<.05	4	0.5	<1	<1	7.1
FA-3 01+00E	0.8	24	16.8	60	<.1	16.9	10.1	352	2.04	8.9	1.2	6.1	8.1	3	0.1	0.3	0.4	10	0.04	0.058	22	10	0.51	35	0.018	<1	1.55	0.004	0.06	0.1	0.05	1.1	0.1	<.05	3	<.5	<1	<1	1.1
FA-3 01+50E	0.8	13.1	16.3	64	0.4	8.9	6.2	378	2.14	5.5	0.9	1.3	3.3	5	0.1	0.3	0.4	29	0.04	0.065	13	11	0.28	73	0.054	1	2.57	0.01	0.06	0.2	0.05	2	0.2	<.05	8	<.5	<1	1	5.5
FA-3 02+00E	1.2	17.2	21.2	59	0.1	8.8	5.6	578	2.28	9.4	0.9	4.1	5.4	6	0.1	0.3	0.4	20	0.08	0.064	15	9	0.31	53	0.042	1	1.78	0.008	0.08	0.1	0.06	1.2	0.1	<.05	5	<.5	<1	1	2.4
FA-3 02+50E	1.1	17	20.2	70	0.1	11.7	5.9	255	2.53	11.3	1	2.5	7.3	3	0.1	0.3	0.4	17	0.03	0.048	19	11	0.41	44	0.032	1	1.8	0.005	0.09	0.1	0.04	1.3	0.1	<.05	4	<.5	<1	<1	1
FA-3 03+00E	1.3	17.3	16.3	63	<.1	12	4.9	179	2.46	11.5	1	1.1	6.1	3	0.1	0.3	0.3	13	0.02	0.038	20	10	0.43	44	0.024	<1	1.85	0.004	0.07	0.2	0.04	1.3	0.1	<.05	3	<.5	<1	<1	1.3
FA-3 03+50E	2	26.9	52.5	93	0.1	10.9	5.4	197	3.63	17.6	1	1	10.6	2	0.1	0.6	0.7	19	0.02	0.054	17	12	0.39	40	0.036	<1	2.08	0.004	0.08	0.2	0.03	1.4	0.2	<.05	5	<.5	<1	<1	2.3
FA-3 04+00E	1.4	30.3	25.2	60	<.1	11.4	5.8	214	2.78	12.6	1.8	4	18.5	2	<.1	0.5	0.6	8	0.02	0.034	22	10	0.48	27	0.041	<1	1.25	0.003	0.11	0.1	0.02	1.1	0.2	<.05	2	<.5	<1	<1	1.4
FA-3 04+50E	2.6	44.5	62.5	68	<.1	10.4	5.6	237	3.89	19.3	2	3	17.1	3	0.1	1.1	0.9	10	0.01	0.047	24	11	0.46	52	0.069	<1	1.45	0.003	0.14	0.2	0.01	1.2	0.2	<.05	3	0.6	<1	<1	1.6
FA-3 05+00E	4.1	30.2	32.7	70	<.1	9.3	6.7	219	3.83	19.2	1.1	1.4	9.7	3	0.1	0.7	0.7	18	0.03	0.041	20	11	0.42	37	0.078	<1	1.45	0.004	0.12	0.2	0.03	1.1	0.2	<.05	5	<.5	<1	<1	2.7
FA-3 05+50E	1.5	16.3	22.6	79	0.1	9.9	7.5	236	2.61	10.1	0.9	2.2	6.4	5	0.1	0.3	0.4	20	0.06	0.037	14	11	0.38	55	0.047	<1	1.94	0.006	0.1	0.2	0.04	1.4	0.2	<.05	5	<.5	<1	<1	4.3
FA-3 06+00E	2.7	20.7	30.8	91	0.1	13.8	9.2	317	2.67	14.9	1.2	<.5	6	6	0.2	0.4	0.5	18	0.09	0.038	17	13	0.46	49	0.052	<1	2.39	0.007	0.13	0.2	0.05	1.6	0.2	<.05	5	<.5	<1	<1	4.3
FA-3 06+50E	2.4	19.1	27	64	<.1	14.4	10.1	267	2.33	13.8	1	7.7	6.6	5	<.1	0.4	0.4	14	0.07	0.022	20	11	0.49	38	0.039	<1	1.48	0.005	0.14	0.2	0.02	1.1	0.2	<.05	4	0.5	<1	<1	0.9
FA-3 07+00E	1.7	17.9	21.6	53	<.1	10.6	6.7	224	2.02	10.5	1	31.4	6.6	3	<.1	0.4	0.3	12	0.04	0.023	20	10	0.42	26	0.039	<1	1.24	0.005	0.12	0.1	0.01	1	0.2	<.05	3	0.5	<1	<1	0.8
FA-3 07+50E	1.5	18	20.6	61	<.1	11.6	6.1	276	2.25	10.2	1.1	2.2	3.2	3	0.1	0.3	0.4	18	0.04	0.041	18	11	0.36	39	0.031	<1	1.82	0.006	0.1	0.2	0.05	1.1	0.2	<.05	4	0.5	<1	<1	1.6
FA-3 08+00E	2.3	23.5	32	74	0.1	14.3	8.6	294	3.14	17.6	1.6	0.9	6	4	0.1	0.4	0.5	19	0.04	0.042	25	13	0.46	40	0.031	<1	1.96	0.006	0.12	0.2	0.04	1.3	0.2	<.05	4	0.6	<1	<1	1.5
STANDARD DS7	20.3	108.1	67.4	406	0.9	54	9.3	612	2.33	48.4	4.6	85.1	4.2	68	6.4	5.8	4.4	83	0.9	0.078	11	167	1.02	365	0.118	38	0.94	0.077	0.44	3.8	0.2	2.4	4.2	0.21	5	3.8	1	5	5.4
FA-3 08+50E	1.5	23.6	30.1	68	<.1	16.2	11.7	354	2.3	13.9	2	2.1	8.9	4	0.1	0.4	0.4	14	0.06	0.027	31	11	0.48	41	0.05	1	1.42	0.004	0.17	0.1	0.02	1.2	0.3	<.05	4	<.5	<1	<1	0.9
FA-3 09+00E	1	17.3	23.1	59	<.1	13	10.5	353	2.18	9.6	1.2	5.7	8.6	3	0.1	0.4	0.4	11	0.04	0.02	21	9	0.42	36	0.052	1	1.22	0.004	0.19	0.1	0.01	1	0.3	<.05	3	<.5	<1	<1	1.7
FA-3 09+50E	1.1	18.8	27.1	80	<.1	17.5	10.7	289	2.81	12.4	1.6	2.9	7.5	5	0.1	0.4	0.5	16	0.06	0.025	30	13	0.55	55	0.046	1	1.56	0.006	0.18	0.1	0.01	1.3	0.3	<.05	4	<.5	<1	<1	0.8
FA-3 10+00E	1.4	28.5	30.7	73	<.1	17.1	11.9	361	2.61	11.8	1.7	4.8	12.2	4	0.1	0.5	0.5	13	0.05	0.031	34	12	0.58	48	0.061	1	1.56	0.004	0.2	0.2	0.01	1.4	0.3	<.05	4	<.5	<1	<1	1.6
FA-3 10+50E	1.5	24.4	26.5	76	<.1	16.6	23.3	953	2.7	11.9	1.6	0.7	7.9	7	0.2	0.4	0.4	18	0.08	0.034	30	13	0.55	62	0.053	1	1.67	0.006	0.18	0.2	0.03	1.4	0.2	<.05	5	<.5	<1	<1	1.4
FA-3 11+00E	1.3	28.1	29.7	71	<.1	17.7	12.9	394	2.6	14.3	1.9	6.7	11.8	4	0.1	0.4	0.5	13	0.03	0.029	32	12	0.53	49	0.049	1	1.5	0.005	0.17	0.1	0.01	1.4	0.2	<.05	4	<.5	<1	<1	1.6
FA-3 11+50E	1	24.8	25.1	82	<.1	17.4	11.4	399	2.55	12.4	1.6	16.3	9.9	5	0.1	0.4	0.4	15	0.03	0.032	26	11	0.43	56	0.045	1	1.58	0.004	0.15	0.2	0.02	1.4	0.2	<.05	4	<.5	<1	<1	2.3
FA-3 12+00E	1.1	19.3	22.6	78	0.1	18.1	8.6	297	2.62	11.8	1.1	<.5	8.6	3	0.2	0.3	0.4	19	0.02	0.034	19	12	0.38	68	0.041	1	2.09	0.005	0.14	0.2	0.04	1.6	0.2	<.05	5	<.5	<1	<1	5.7
FA-3 12+50E	1	26.5	32.6	79	<.1	22.2	13.3	363	2.7	11.4	1.6	3	11.2	4	0.2	0.4	0.5	16	0.03	0.033	28	12	0.48	78	0.05	2	1.91	0.004	0.22	0.2	0.01	1.6	0.3	<.05	4	<.5	<1	<1	4.6
FA-3 13+00E	1	23	25.2	67	0.1	14.9	8.4	217	2.6	12.3	1.1	1.9	8.6	5	0.1	0.3	0.5	16	0.04	0.034	21	10	0.39	75	0.042	1	1.86	0.005	0.14	0.2	0.02	1.4	0.2	<.05	5	<.5	<1	<1	3.6
RE FA-3 13+00E	1.1	22.5	26.1	70	0.1	15.7	9.1	223	2.69	12.4	1.1	2.8	8.6	5	0.1	0.4	0.5	16	0.04	0.034	22	11	0.39	76	0.043	1	1.85	0.005	0.15	0.1	0.03	1.3	0.2	<.05	5	<.5	<1	<1	4.3
FA-3 13+50E	1.2	27.4	31.9	80	0.1	16.7	9	329	2.93	11.1	1.3	4.4	9.8	4	0.1	0.4	0.5	20	0.03	0.038	23	13	0.45	98	0.045	1	2.1	0.006	0.19	0.2	0.03	1.5	0.2	<.05	5	<.5	<1	1	1.9
FA-3 14+00E	1.3	25.6	31.2	76	<.1	20.2	10.2	248	2.52	11.6	1.5	2.3	10.7	4	0.1	0.3	0.5	14	0.03	0.027	27	11	0.42	67	0.041	1	1.56	0.004	0.15	0.1	0.03	1.2	0.2	<.05	4	<.5	<1	<1	2.3
FA-3 14+50E	1.6	30	26.1	63	<.1	15	7.2	236	2.72	11	1.6	4.9	10.8	5	0.1	0.4	0.5	16	0.03	0.028	27	12	0.49	65	0.052	1	1.83	0.005	0.17	0.1	0.02	1.5	0.2	<.05	4	<.5	<1	<1	3.2
FA-3 15+00E	1.7	29.2	27.8	82	0.1	18.2	8.7	262	3.06	10.4	1.6	1.7	10.3	6	0.2	0.4	0.5	21	0.03	0.046	23	13	0.43	62	0.045	1	2.23	0.006	0.1	0.2	0.03	1.6	0.1	<.05	6	<.5	<1	<1	7.8
FA-3 15+50E	1	34.3	26.5	81	<.1	21.7	12.5	311	2.96	10.4	1.8	4.6	11.8	5	0.1	0.4	0.5	12	0.02	0.033	27	11	0.49	46	0.04	<1	1.47	0.003	0.11	0.1	0.01	1.2	0.1	<.05	4	<.5	<1	<1	1.8
FA-3 16+00E	1.4	37.9	31.2	99	<.1	29.5	14.3	366	3.2	13	1.5	1.4	11.3	9	0.1	0.5	0.6	16	0.05	0.04	26	11	0.41	61	0.038	1	2.02	0.007	0.08	0.1	0.03	1.2	0.1	<.05	5	<.5	<1	<1	5.4
FA-3 16+50E	1.1	22.7	22.4	74	<.1	21.6	12	427	2.51	10.2	1.3	1.5	9.1	7	0.1	0.4	0.4	13	0.06	0.028	24	10	0.44	44	0.034	<1	1.4	0.006	0.13	0.1	0.01	1.1	0.1	<.05	4	<.5	<1	<1	1.1
FA-3 17+00E	0.9	29.4	26.2	83	<.1	25.3	11.9	407	2.75	12.3	1.6	4.4	11.6	5	0.1	0.4	0.5	13	0.03	0.032	31	11	0.49	50	0.041	1	1.49	0.004	0.15	0.1	0.02	1.4	0.2	<.05	4	<.5	<1	<1	1.6
FA-3 17+50E	0.8	28.1	31.3	89	0.1	19.6	14.6	473	2.6	14.2	0.9	1.9	8.8	4	0.1	0.3	0.6	14	0.03	0.041	30	10	0.38	60	0.018	1	1.69	0.004	0.09	0.1	0.03	1.1	0.1	<.05	4	<.5	<1	<1	2.3
FA-3 18+00E	0.8	17.2	28	103	0.4	16.7	11.4	952	2.57	8.1	0.8	0.9	5.8	6	0.2	0.3	0.5	26	0.05	0.059	18	11	0.31	103	0.048	1	2.39	0.007	0.08	0.2	0.05	1.5	0.1	<.05	7	<.5	<1	1	5.2
FA-3 18+50E	0.9	19.3	25.3	90	0.2	15.5	11.3	474	2.55	9.6	0.9	2.1	7.4	4	0.1	0.4	0.4	22	0.03	0.047	21	10	0.36	71	0.037	1	2.01	0.005	0.08	0.1	0.03	1.5	0.1	<.05	6	<.5	<1	1	5.4
FA-3 19+00E	0.9	29.2	26.2	69	<.1	16	13	395	2.55	14.5	1.3	1.1	11.2	4	0.1	0.4	0.5	10	0.02	0.034	31	9	0.44	49	0.021	1	1.38	0.003	0.1	0.1	0.01	1.1	0.1	<.05	3	<.5	<1	<1	1.2
FA-3 19+50E	1.1	19.5	21.3	63	0.1	12.2	7.6	277	2.64	8.8	1.2	2.9	8.7	4	0.1	0.3	0.4	23	0.02	0.06	20	12	0.35	62	0.043	1	2.53	0.007	0.11	0.2	0.04	1.8	0.2	<.05	6	<.5	<1	1	12.3
FA-3 20+00E	1	24.6	26.3	66	0.1	13.6	7.3	297	2.6	11	1.3	3.3	10.1	4	0.1	0.4	0.5	15	0.02	0.038	25	11	0.45	64	0.04	1	1.86	0.005	0.14	0.2	0.03	1.4	0.1	<.05	5	0.5	<1	<1	2.6
FA-3 20+50E	1.3	28.9	30	69	<.1	16.6	7.1	244	2.54	12.7	1.5	0.7	11.4	4	0.1	0.5	0.5	14	0.02	0.035	25	11	0.42	67	0.046	1	1.85	0.004	0.21	0.2	0.02	1.4	0.2	<.05	4	<.5	<1	<1	1.6
FA-3 21+00E	1	28.9	27.4	64	<.1	14.4	8.5	263	2.27	12.4	1.5	2.7	11.7	3	<.1	0.4	0.5	10	0.01	0.03	27	9	0.4	46	0.034	<1	1.34	0.003	0.14	0.1	<.01	1.1	0.2	<.05	3	<.5	<1	<1	1.3
FA-3 21+50E	1	17.1	17.8	51	<.1	14	6.4	207	2.25	10.1	1	1.8	3.7	3	0.1	0.3	0.4	12	0.02	0.037	23	9	0.33	41	0.022	1	1.3	0.003	0.1	0.1	0.02	0.8	0.1	<.05	3	<.5	<1	<1	0.2
FA-3 22+00E	1.1	15.6	13.7	36	0.1	6.9	3.5	125	2.26	6.3	1.1	5.2	4.4	5	0.2	0.2	0.3	18	0.04	0.04	14	9	0.17	33	0.048	<1	3.55	0.009	0.05	0.2	0.12	1.3	0.1	0.08	6	0.6	<1	<1	11.6
FA-4 00+00S	0.5	5.7	9	29	<.1	5.1	2.9	129	1.77	1.8	0.6	<.5	2	3	0.1	0.2	0.3	19	0.03	0.05	18	7	0.16	67	0.04	1	1.33	0.007	0.04	0.1	0.09	0.7	0.1	<.05	6	0.5	<1	1	1.6
FA-4 00+50S	0.7	6.5	13.8	66	<.1	5.6	5	573	2.12	2.2	0.6	<.5	3.2	6	0.1	0.2	0.4	32	0.04	0.25	6	8	0.11	111	0.153	1	2.82	0.017	0.04	0.2	0.1	1.4	0.1	<.05	14	<.5	<1	2	11.2
FA-4 01+00S	0.6	5.6	9.9	34	<.1	4.5	2.3	379	1.52	1.6	0.6	1.6	1	4	0.1	0.2	0.3	26	0.02	0.079	10	6	0.1	77	0.074	1	1.47	0.012	0.03	0.2	0.08	0.8	0.1	<.05	10	<.5	<1	1	3.6
FA-4 01+50S	0.7	5.1	14.4	28	<.1	5.5	2.7	117	2.4	2.2	0.6	3.1	2.6	9	0.2	0.2	0.3	38	0.06	0.046	7	8	0.1	119	0.145	1	2.69	0.016	0.03	0.2	0.1	1.3	0.1	<.05	16	0.6	<1	1	17.3
FA-4 02+00S	0.3	3.7	11.8	13	<.1	2.2	0.9	32	0.6	1	0.3	1	1	3	0.1	0.2	0.3	15	0.02	0.024	17	3	0.04	21	0.043	1	0.37	0.01	0.03	0.1	0.05	0.4	0.1	<.05	6	<.5	<1	1	0.8
STANDARD DS7	20.4	109.1	69.7	410	0.9	54.4	9.6	631	2.43	49.3	4.8	102.7	4.4	72	6.5	6	4.5	86	0.95	0.081	13	173	1.07	380	0.123	37	1.01	0.08	0.45	4.1	0.19	2.5	4.3	0.22	5	3.9	1	5	5.4
FA-4 02+50S	0.4	3.4	13.8	25	<.1	3.1	1.8	337	0.98	1.2	0.3	0.5	1.1	3	<.1	0.2	0.4	20	0.03	0.065	8	5	0.06	42	0.073	1	1.01	0.012	0.03	0.1	0.05	0.7	0.1	<.05	8	<.5	<1	1	2.2
FA-4 03+00S	0.2	2.6	3.9	12	<.1	1.7	0.8	37	0.53	0.5	0.2	1.3	1.4	2	<.1	0.1	0.2	9	0.01	0.013	17	3	0.03	20	0.017	2	0.41	0.008	0.03	<.1	0.02	0.4	0.1	<.05	5	<.5	<1	1	0.1
FA-4 03+50S	0.3	5.5	2.6	28	<.1	10.2	4.8	67	1.58	1.6	1	9.1	7.5	2	<.1	0.2	0.2	6	0.02	0.04	28	7	0.55	61	0.005	1	1.07	0.003	0.07	0.1	0.04	0.8	<.1	<.05	2	<.5	<1	<1	1.8
FA-4 04+00S	0.2	2.8	2.6	36	<.1	8.8	4.4	78	1.26	1.5	0.8	0.7	7.5	1	0.1	0.1	0.2	6	0.01	0.033	25	6	0.65	39	0.004	<1	0.98	0.003	0.05	0.1	0.03	0.6	<.1	<.05	2	<.5	<1	<1	1.1
RE FA-4 04+00S	0.2	2.8	2.6	36	<.1	9.4	4.4	80	1.24	1.6	0.8	1.3	7.5	1	<.1	0.2	0.2	6	0.01	0.033	24	6	0.66	40	0.004	1	0.98	0.003	0.05	0.1	0.02	0.6	<.1	<.05	2	<.5	<1	<1	1.4
FA-4 04+50S	0.9	5.6	9.8	22	0.1	4.6	2.5	123	1.6	1.9	0.5	1	2.1	3	0.1	0.2	0.3	23	0.02	0.023	13	6	0.2	79	0.058	1	1.03	0.011	0.03	0.2	0.05	0.8	0.1	<.05	8	<.5	<1	1	3
FA-4 05+00S	0.4	4.9	7.1	30	<.1	7.4	3.3	138	1.58	2.8	0.6	1.1	4.4	2	0.1	0.2	0.2	18	0.02	0.072	17	7	0.3	51	0.04	<1	1.97	0.007	0.03	0.1	0.07	1	0.1	<.05	6	<.5	<1	1	8.4
FA-4 05+50S	0.5	6.6	9	41	<.1	6.1	3.4	238	1.58	1.8	0.5	1.4	2.2	5	0.1	0.1	0.3	24	0.06	0.092	6	7	0.2	66	0.089	1	2.76	0.015	0.03	0.2	0.05	1.1	0.1	<.05	9	<.5	<1	1	15.4
FA-4 06+00S	0.3	4.7	6	20	<.1	4.2	1.7	42	0.82	1.3	0.2	2.2	1	4	0.1	0.3	0.3	20	0.05	0.016	18	6	0.34	58	0.025	1	0.77	0.008	0.02	0.1	0.02	0.7	0.1	<.05	6	<.5	<1	1	0.2
FA-4 06+50S	0.3	5.1	1.7	28	<.1	8.6	4.6	83	1.74	2.1	0.4	0.7	5.5	2	<.1	0.2	0.3	8	0.02	0.042	24	7	0.72	40	0.005	<1	1.17	0.002	0.04	0.2	0.01	1	<.1	<.05	3	<.5	<1	<1	1.6
FA-4 07+00S	0.6	5.3	7.6	45	<.1	7	6	557	1.66	2.5	0.7	1.1	3.3	7	0.1	0.2	0.3	22	0.04	0.096	11	8	0.24	93	0.059	1	1.73	0.008	0.04	0.3	0.06	1.1	0.1	<.05	8	<.5	<1	1	3.6
FA-4 07+50S	0.5	3.5	8.3	26	<.1	3.4	1.8	67	1.54	2.1	0.5	2.2	4.4	3	0.1	0.2	0.4	21	0.02	0.044	14	7	0.13	58	0.037	1	1.69	0.007	0.03	0.2	0.06	1	0.1	<.05	7	<.5	<1	1	5.9
FA-4 08+00S	0.1	0.7	2.4	5	<.1	0.8	0.4	94	0.26	<.5	0.2	1.1	2.6	2	<.1	<.1	0.1	4	0.02	0.011	23	2	0.05	14	0.007	<1	0.42	0.005	0.03	0.1	0.01	0.3	0.1	<.05	4	<.5	<1	<1	<.1
FA-4 08+50S	0.7	6.6	7.5	34	<.1	8.3	5.6	246	1.86	2.8	1.1	1.8	3.8	6	0.1	0.2	0.2	26	0.05	0.091	4	8	0.13	62	0.112	1	4.46	0.015	0.03	0.2	0.11	1.8	0.1	<.05	9	<.5	<1	1	49.3
FA-4 09+00S	0.7	7.4	10	65	<.1	10.9	9.3	200	2.49	3.1	1	3.7	6.5	7	0.1	0.3	0.3	30	0.04	0.08	11	12	0.26	102	0.063	1	3.25	0.012	0.05	0.2	0.06	1.9	0.1	<.05	8	<.5	<1	1	23
FA-4 09+50S	0.9	6.4	11.3	56	<.1	10.1	6.5	325	2.9	3.4	0.9	2.2	5.4	5	0.2	0.3	0.3	35	0.04	0.14	6	12	0.26	64	0.111	2	4.22	0.011	0.05	0.3	0.13	2	0.1	<.05	11	0.5	<1	1	33.1
FA-4 10+00S	0.7	3.5	6.8	26	<.1	6.6	3.7	76	1.96	2.5	0.7	1.5	5	3	0.1	0.3	0.2	25	0.01	0.062	12	8	0.35	56	0.054	1	1.87	0.006	0.03	0.2	0.06	1.5	0.1	<.05	8	<.5	<1	1	14.9
FA-4 10+50S	0.6	3.9	8.4	16	<.1	2.6	1.5	51	1.34	2.9	0.4	1.5	2.7	2	<.1	0.3	0.3	26	0.01	0.057	9	6	0.11	28	0.064	<1	1.43	0.009	0.02	0.2	0.05	0.8	0.1	<.05	8	<.5	<1	1	10.6
FA-4 11+00S	0.4	1.5	3.6	12	<.1	4.3	3.1	28	1.28	2.2	0.6	<.5	5.9	2	<.1	0.2	0.2	12	0.01	0.022	20	4	0.26	21	0.017	<1	0.68	0.003	0.03	0.2	0.01	0.6	0.1	<.05	4	<.5	<1	<1	2.3
FA-4 11+50S	0.3	3.1	12.2	20	<.1	2.6	1.5	118	1.27	2.3	0.3	2.1	2.5	3	<.1	0.2	0.4	26	0.02	0.052	8	6	0.06	50	0.074	<1	1.05	0.011	0.03	0.1	0.03	0.8	0.1	<.05	9	<.5	<1	1	5.7
FA-4 12+00S	0.6	6.2	10.2	49	<.1	7.9	5.7	314	1.96	3	0.7	2	3.7	5	0.2	0.2	0.3	28	0.05	0.127	6	8	0.13	113	0.104	<1	3.26	0.013	0.04	0.3	0.09	1.7	0.1	<.05	10	<.5	<1	1	27.1
FA-4 12+50S	0.3	3.3	7.7	36	<.1	8.9	6.1	778	1.64	1.6	0.6	0.7	4.8	6	0.1	0.2	0.2	19	0.05	0.045	13	7	0.27	107	0.055	1	1.58	0.007	0.05	0.2	0.04	1	0.1	<.05	6	<.5	<1	1	5
FA-4 13+00S	0.6	4.7	6.7	34	<.1	9	5.9	144	1.75	1.6	0.7	0.8	7.6	3	0.1	0.2	0.3	22	0.02	0.035	19	9	0.31	121	0.041	1	1.91	0.005	0.05	0.4	0.04	1.3	0.1	<.05	6	<.5	<1	1	8.5
FA-4 13+50S	0.3	4.1	7	31	<.1	7.8	4.5	243	1.64	2	0.4	2.5	5.4	4	<.1	0.3	0.2	22	0.02	0.026	14	7	0.37	78	0.046	1	1.36	0.006	0.05	0.2	0.02	1	0.1	<.05	5	<.5	<1	<1	5.5
FA-4 14+00S	0.6	5.8	11	39	<.1	11.7	6.3	228	1.99	3.2	0.8	1.3	7.4	4	0.1	0.5	0.3	23	0.03	0.036	16	9	0.45	91	0.056	1	1.87	0.005	0.05	0.3	0.04	1.5	0.1	<.05	6	<.5	<1	1	9.8
FA-4 14+50S	0.5	2.2	8.1	20	<.1	5.3	2.4	53	2.13	2.8	0.5	1.7	6.6	2	<.1	0.3	0.4	23	0.01	0.066	16	7	0.27	34	0.034	<1	1.01	0.004	0.03	0.2	0.02	0.7	0.1	<.05	6	<.5	<1	1	4.2
FA-4 15+00S	0.6	5.2	7.7	35	<.1	9	4.7	85	1.78	2.2	0.6	2.1	5.1	3	<.1	0.2	0.2	20	0.02	0.069	14	8	0.31	93	0.04	1	1.83	0.005	0.04	0.2	0.04	1.1	0.1	<.05	6	<.5	<1	1	8.9
FA-4 15+50S	0.5	6.1	8.8	29	<.1	9.1	5.4	169	1.47	2.4	0.6	1.8	4.9	4	<.1	0.2	0.2	19	0.03	0.076	11	7	0.24	95	0.052	1	1.91	0.007	0.05	0.2	0.05	1.3	0.1	<.05	6	<.5	<1	1	12.4
FA-4 16+00S	0.4	3.8	5.8	32	<.1	7.1	3.5	129	1.97	2.7	0.5	2.5	5.5	3	<.1	0.3	0.3	19	0.01	0.031	19	7	0.51	43	0.019	<1	1.11	0.003	0.04	0.2	0.02	0.8	0.1	<.05	6	<.5	<1	<1	1.5
FA-4 16+50S	0.5	4.7	7.7	38	<.1	11.3	6.1	182	1.84	2.7	0.6	1.8	7.8	4	<.1	0.3	0.3	21	0.03	0.032	14	9	0.54	111	0.043	<1	1.66	0.005	0.05	0.2	0.02	1.1	0.1	<.05	5	<.5	<1	1	7.2
FA-4 17+00S	0.3	2.8	7.8	27	<.1	4.9	2.7	304	1.15	1.2	0.3	1.6	4.5	3	0.1	0.2	0.3	19	0.02	0.025	11	6	0.21	64	0.021	<1	0.98	0.004	0.05	0.2	0.03	0.9	0.1	<.05	5	<.5	<1	1	0.8
FA-4 17+50S	0.7	6.3	8.6	36	<.1	9.9	7.1	228	1.78	2.6	1	20.2	7.2	4	0.1	0.3	0.3	20	0.03	0.054	13	8	0.34	170	0.048	1	2.16	0.005	0.05	0.2	0.05	1.6	0.1	<.05	6	<.5	<1	1	14.9
FA-4 18+00S	0.3	3.8	7.4	21	<.1	6.3	3.5	66	1.18	3	0.5	23.6	5.6	2	<.1	0.2	0.2	9	0.01	0.015	17	5	0.29	40	0.012	<1	0.89	0.003	0.04	0.1	0.02	0.6	0.1	<.05	3	<.5	<1	<1	2.7
FA-4 18+50S	0.5	4.1	11.2	32	<.1	7.1	4.3	167	1.88	2.4	0.4	0.8	5.8	3	<.1	0.3	0.3	27	0.02	0.029	14	9	0.45	78	0.031	<1	1.42	0.006	0.05	0.2	0.03	1.1	0.1	<.05	7	<.5	<1	1	2.8
STANDARD DS7	19.2	117.5	67.2	410	0.9	52.8	9.3	614	2.34	48.6	4.5	77.5	4.2	66	6.2	5.8	4.4	84	0.91	0.079	12	158	1.04	372	0.118	38	0.94	0.075	0.44	3.9	0.2	2.3	4.2	0.2	4	3.7	1	5	5.3
FA-4 19+00S	0.7	4.4	15.6	31	<.1	7.8	4.3	116	1.91	2.6	0.5	1.2	5.5	4	0.1	0.4	0.4	27	0.02	0.036	12	9	0.46	77	0.036	1	1.59	0.006	0.04	0.2	0.02	1.2	0.1	<.05	7	<.5	<1	1	3.1
FA-4 19+50S	0.6	5.3	10.2	40	<.1	10.7	5.9	255	1.95	2	0.7	1.8	6.7	4	0.1	0.2	0.3	23	0.03	0.035	10	9	0.53	85	0.049	1	1.94	0.006	0.05	0.1	0.03	1.3	0.1	<.05	6	<.5	<1	1	8.7
FA-4 20+00S	0.7	6	10.9	31	<.1	7	3.5	78	2.47	3.5	0.6	3.8	6.1	3	0.1	0.3	0.5	31	0.02	0.052	10	10	0.25	53	0.06	1	1.8	0.007	0.04	0.2	0.05	1.2	0.1	<.05	9	<.5	<1	1	9.5
FA-5 55+00W	0.8	11.8	18.4	46	0.2	8.2	4.1	274	2.14	5.5	0.8	2.2	5.2	5	0.1	0.2	0.4	25	0.03	0.066	11	10	0.19	50	0.045	1	3	0.009	0.05	0.2	0.05	1.6	0.1	<.05	8	<.5	<1	1	16
FA-5 54+50W	0.7	13.1	18.5	48	0.2	7.6	4.5	316	2.27	4.9	0.7	57.5	5.3	5	0.1	0.3	0.5	29	0.03	0.046	14	10	0.18	51	0.049	1	2.26	0.009	0.05	0.2	0.06	1.6	0.1	<.05	9	<.5	<1	1	12
FA-5 54+00W	0.9	14.9	19	49	0.3	8.2	4.6	282	2.61	4.8	1	19.5	5.3	4	0.1	0.3	0.4	32	0.03	0.051	11	11	0.16	54	0.073	1	2.88	0.011	0.05	0.2	0.08	2.1	0.1	<.05	10	<.5	<1	1	22.4
FA-5 53+50W	0.8	14.5	18.8	50	0.3	8.3	5.5	307	2.69	5.1	1	6.1	5.6	4	0.1	0.3	0.4	31	0.03	0.056	10	11	0.17	49	0.073	1	3.06	0.01	0.05	0.2	0.06	2.1	0.1	<.05	10	<.5	<1	1	24.9
FA-5 53+00W	0.9	12.2	19.9	47	0.2	8	4.2	329	2.45	5.8	0.8	2.5	5.6	5	0.1	0.2	0.4	27	0.03	0.078	11	11	0.18	51	0.051	1	3.25	0.011	0.06	0.2	0.06	1.8	0.1	<.05	8	<.5	<1	1	17.6

FA-5 52+50W	0.7	12.3	19	48	0.2	7.9	4.4	510	2.14	5.4	0.7	7.1	4.7	5	0.1	0.2	0.4	25	0.04	0.071	14	10	0.18	57	0.041	1	2.52	0.009	0.06	0.1	0.06	1.6	0.1	<.05	8	<.5	<1	1	10.1
FA-5 52+00W	0.7	11.4	19.1	47	0.2	7.7	4.2	520	2.12	5.1	0.6	3.1	4.6	5	0.2	0.2	0.4	26	0.04	0.07	14	10	0.17	63	0.04	1	2.36	0.009	0.07	0.2	0.05	1.6	0.1	<.05	8	0.5	<1	1	9.2
FA-5 50+00W	0.6	30.6	41.4	99	0.4	20.9	14.9	555	2.87	12.8	4.8	2.5	8.9	13	0.3	0.5	1	20	0.08	0.067	23	11	0.29	56	0.073	1	2.55	0.01	0.07	0.2	0.05	2.1	0.1	<.05	7	<.5	<1	1	13.7
FA-5 49+50W	0.7	18.7	39.7	119	0.2	16.7	10.7	849	2.62	17.3	0.9	5.3	6.3	6	0.4	0.4	0.6	21	0.04	0.077	19	10	0.3	78	0.041	1	1.67	0.007	0.07	0.2	0.04	1.2	0.1	<.05	6	<.5	<1	1	2.4
FA-5 49+00W	0.8	19.7	87.7	147	1	13.6	10.5	479	2.79	12.6	0.7	1.5	5.7	6	0.7	0.4	0.8	25	0.05	0.052	16	10	0.22	73	0.038	1	1.57	0.007	0.08	0.2	0.06	1.2	0.1	<.05	7	<.5	<1	1	2.3
FA-5 48+50W	1.1	21.7	35	101	0.3	17.5	16.6	905	2.36	12.4	1.2	8.9	7.4	6	0.3	0.3	0.5	20	0.03	0.088	20	10	0.27	72	0.049	1	2.3	0.008	0.08	0.2	0.07	1.6	0.1	<.05	6	<.5	<1	1	8.4
FA-5 48+00W	0.9	12.4	46.2	74	0.2	11.1	8.8	1358	2.26	9.6	0.6	3.9	4.1	9	0.3	0.7	0.6	23	0.09	0.052	14	9	0.22	78	0.037	1	1.32	0.007	0.08	0.2	0.08	1.1	0.1	<.05	6	<.5	<1	1	2.2
FA-5 47+50W	1	11.2	32.5	81	0.1	11.1	8.1	991	2.59	7.6	0.6	1.4	3.9	6	0.2	0.5	0.5	31	0.05	0.065	10	12	0.21	64	0.072	1	1.98	0.011	0.06	0.3	0.08	1.3	0.1	<.05	9	<.5	<1	1	7
FA-5 47+00W	0.8	12.7	21.7	59	0.4	7.9	5.6	437	2.36	6.7	0.7	19	4.2	5	0.2	0.4	0.4	27	0.04	0.056	14	10	0.21	46	0.037	1	1.79	0.006	0.06	0.2	0.06	1.2	0.1	<.05	7	<.5	<1	1	4.2
FA-5 46+50W	0.9	13	20.8	59	0.3	11	6.4	149	2.46	7.3	0.9	6.3	6.8	4	0.1	0.2	0.4	24	0.02	0.065	14	11	0.2	56	0.048	1	3.2	0.008	0.05	0.2	0.06	1.6	0.1	<.05	6	<.5	<1	1	20.5
FA-5 45+50W	0.4	16.4	20.3	49	<.1	11.7	7.2	296	2.06	9.1	1	2.7	8.2	4	0.1	0.3	0.4	13	0.02	0.037	28	9	0.27	55	0.018	<1	1.4	0.005	0.06	0.1	0.03	1.1	0.1	<.05	4	<.5	<1	<1	3.3
FA-5 45+00W	0.7	13.1	19.9	49	0.4	8.1	6.8	287	2	5.4	1	2.5	5.1	6	0.2	0.2	0.3	24	0.03	0.075	8	9	0.13	64	0.06	1	3.32	0.011	0.04	0.2	0.07	1.6	0.1	<.05	8	<.5	<1	1	28.4
FA-5 44+50W	0.9	12.3	16.7	45	0.2	7.4	6.4	411	1.96	4.4	0.9	2.1	4	4	0.2	0.2	0.4	27	0.03	0.064	9	8	0.13	73	0.077	<1	2.53	0.01	0.04	0.3	0.05	1.7	0.1	<.05	8	<.5	<1	1	21.3
FA-5 44+00W	0.6	9.6	10.1	42	0.1	8.4	5.8	442	1.93	3.4	0.9	4.4	5.4	3	0.1	0.2	0.3	21	0.02	0.052	13	8	0.2	61	0.057	1	1.88	0.006	0.03	0.2	0.04	1.3	0.1	<.05	6	<.5	<1	1	8.2
FA-5 43+00W	0.8	10.6	9.2	49	0.1	8.3	5.4	610	1.68	2.8	1.1	0.6	3.7	5	0.1	0.1	0.3	21	0.03	0.053	11	8	0.15	66	0.071	1	2.69	0.01	0.04	0.2	0.08	1.3	0.1	<.05	7	<.5	<1	1	16.2
FA-5 42+50W	0.6	7.2	11.1	43	<.1	7.7	4.6	627	2.2	2.8	0.6	<.5	4.1	4	0.1	0.2	0.4	32	0.03	0.06	14	9	0.18	50	0.063	1	1.78	0.006	0.05	0.2	0.05	1.3	0.1	<.05	8	<.5	<1	1	5.5
FA-5 42+00W	0.6	9.9	10.9	50	<.1	13	6.8	418	2.07	3.8	0.9	2.3	4.9	4	0.1	0.2	0.3	28	0.03	0.074	12	11	0.25	77	0.072	1	2.55	0.008	0.04	0.2	0.06	1.5	0.1	<.05	7	<.5	<1	1	9
FA-5 41+50W	1	10.6	11.6	56	<.1	10.1	7.6	2322	2.1	3.1	1.9	0.6	3.8	7	0.1	0.2	0.4	29	0.06	0.081	13	10	0.29	98	0.082	1	2.07	0.009	0.06	0.2	0.04	1.5	0.1	<.05	9	<.5	<1	1	5.6
RE FA-5 41+50W	0.9	10.7	12.1	59	<.1	10.4	7.7	2482	2.23	3.1	1.9	<.5	4.1	7	0.1	0.2	0.3	31	0.06	0.084	15	11	0.32	100	0.091	1	2.18	0.01	0.07	0.2	0.05	1.6	0.2	<.05	9	<.5	<1	1	5
FA-5 41+00W	0.3	4.2	9.2	30	<.1	9.4	4	202	1.43	2.3	0.6	<.5	3.5	5	0.1	0.2	0.3	17	0.06	0.042	18	8	0.41	71	0.032	1	0.96	0.005	0.06	0.1	0.03	0.8	0.1	<.05	5	<.5	<1	<1	0.6
FA-5 40+50W	0.7	10.2	11.8	26	<.1	4.3	2.5	228	2.09	3	0.8	2.7	2.6	4	0.1	0.2	0.3	35	0.06	0.093	5	8	0.08	49	0.103	<1	3.54	0.014	0.03	0.1	0.1	1.7	<.1	<.05	11	<.5	<1	1	24.7
FA-5 40+00W	0.5	6.5	9.7	28	<.1	8	4.1	89	1.71	2.5	0.9	1	5.2	3	0.1	0.1	0.3	23	0.02	0.059	14	8	0.32	74	0.052	<1	2.14	0.008	0.03	0.2	0.05	1.4	0.1	<.05	8	<.5	<1	1	10.1
FA-5 39+50W	0.6	4.8	7.3	27	<.1	5.2	3.2	144	1.69	2.3	0.6	1.3	4.4	3	<.1	0.2	0.2	24	0.02	0.048	14	7	0.17	48	0.052	1	1.92	0.006	0.04	0.1	0.04	1.2	0.1	<.05	7	<.5	<1	1	10.1
FA-5 39+00W	0.4	5.2	5	28	<.1	7.5	4.3	96	1.39	2	0.6	1	6	2	0.1	0.2	0.2	14	0.01	0.024	22	7	0.26	62	0.027	1	1.31	0.004	0.04	0.1	<.01	1.1	0.1	<.05	3	<.5	<1	<1	6.4
FA-5 38+50W	0.8	6.5	10.2	37	<.1	7.1	3.5	151	1.98	2.7	0.8	2	4.4	4	0.1	0.2	0.3	28	0.02	0.067	11	9	0.2	57	0.069	1	2.65	0.007	0.04	0.2	0.04	1.5	0.1	<.05	8	<.5	<1	1	12.7
FA-5 38+00W	0.5	7.4	5.4	35	<.1	7.2	4.1	124	1.3	1.8	0.7	3.3	3.9	3	0.1	0.2	0.1	17	0.02	0.046	12	6	0.18	80	0.052	1	2.66	0.008	0.04	0.2	0.04	1.7	0.1	<.05	5	<.5	<1	1	22
STANDARD DS7	20.2	116.7	67.7	409	0.9	53.2	9.3	611	2.31	47.2	4.6	96.8	4.2	67	6.2	5.8	4.3	83	0.91	0.078	11	158	1.02	363	0.118	39	0.94	0.073	0.44	3.8	0.19	2.3	4.2	0.22	5	3.4	1	5	5.3
FA-5 37+50W	0.6	5.4	7.4	36	<.1	5.7	3.4	629	1.43	1.8	0.5	0.6	4.3	4	0.1	0.2	0.2	24	0.03	0.045	20	7	0.16	49	0.061	2	1.84	0.008	0.06	0.1	0.04	1.2	0.1	<.05	7	<.5	<1	1	7.1
FA-5 37+00W	0.7	5.6	12.3	25	<.1	4.1	1.9	89	1.53	1.5	0.3	6.7	3.1	4	<.1	0.3	0.4	39	0.04	0.027	14	8	0.12	40	0.106	1	1.24	0.011	0.04	0.1	0.01	1.1	0.1	<.05	12	<.5	<1	1	5.3
FA-5 36+50W	1	9.1	12	62	<.1	8.6	6	559	2.28	3.5	0.7	0.7	3.7	5	0.1	0.2	0.3	39	0.04	0.078	8	11	0.17	65	0.131	2	3.48	0.015	0.06	0.2	0.08	1.8	0.1	<.05	11	<.5	<1	1	21
FA-5 36+00W	0.6	6.5	13.8	53	<.1	5.9	5.1	935	1.76	2.4	0.4	<.5	3.4	5	0.1	0.2	0.4	35	0.04	0.029	17	10	0.15	62	0.094	1	1.55	0.01	0.07	0.1	0.03	1.4	0.2	<.05	10	<.5	<1	1	2.7
FA-5 35+50W	1.2	14.4	26.5	61	<.1	12.4	7.8	423	2.39	8.8	1.2	3.3	5.8	6	0.1	0.3	0.3	38	0.05	0.059	11	12	0.27	91	0.125	2	3.56	0.012	0.07	0.2	0.05	2.2	0.1	<.05	10	<.5	<1	1	33.8
FA-5 35+00W	1	10.9	20.6	77	<.1	11.8	6.3	1911	2.22	4.9	0.6	<.5	3.7	8	0.1	0.5	0.4	38	0.07	0.07	10	12	0.27	90	0.112	2	2.46	0.012	0.08	0.2	0.08	1.8	0.2	<.05	10	<.5	<1	1	8.4
FA-5 34+50W	0.9	10.7	15	86	<.1	11.5	6.2	603	2.66	3	0.6	1.2	4.7	6	0.1	0.3	0.4	47	0.04	0.047	13	14	0.27	104	0.135	1	2.36	0.012	0.08	0.2	0.05	1.8	0.2	<.05	13	<.5	<1	1	11.1
FA-5 34+00W	0.6	8.4	12.3	68	<.1	7.9	4.7	404	1.75	2.2	0.5	0.8	6	5	0.1	0.2	0.3	28	0.05	0.044	19	9	0.22	77	0.079	1	1.7	0.01	0.1	0.1	0.03	1.2	0.1	<.05	8	<.5	<1	1	7.7
FA-5 33+50W	0.8	6.5	12.3	47	<.1	6.3	3.2	260	2.03	2.1	0.4	<.5	3.6	7	0.1	0.2	0.4	39	0.08	0.042	10	9	0.15	63	0.121	1	2.02	0.014	0.06	0.1	0.04	1.5	0.1	<.05	12	<.5	<1	1	9.7
FA-5 33+00W	0.6	8.2	12.9	47	<.1	8.5	5.2	403	1.7	3.7	1.1	0.5	6.8	3	0.1	0.3	0.3	20	0.03	0.047	18	8	0.23	62	0.042	<1	2.04	0.006	0.05	0.1	0.04	1.4	0.1	<.05	6	<.5	<1	1	10.4
FA-5 32+50W	0.4	6.1	7.1	49	<.1	8.1	4.9	242	1.58	5.8	0.9	5.4	7.4	2	0.1	0.3	0.2	12	0.01	0.03	32	7	0.27	54	0.017	1	1.2	0.003	0.06	0.9	0.02	0.9	0.1	<.05	3	<.5	<1	<1	2.5
FA-5 32+00W	0.9	22.5	104.3	102	0.2	12.2	11.5	977	2.29	61.5	2.3	12.7	7	7	0.6	2.1	0.4	21	0.07	0.059	24	9	0.2	93	0.051	2	2.08	0.009	0.09	0.3	0.05	2.2	0.1	<.05	6	<.5	<1	1	6.6
FA-5 31+50W	0.9	10.3	9.7	80	<.1	13	6.2	291	3.04	3.8	0.6	7.8	5.8	5	0.1	0.3	0.6	42	0.04	0.059	20	15	0.56	85	0.077	1	2.15	0.007	0.1	0.2	0.06	1.7	0.2	<.05	11	<.5	<1	1	4.3
FA-5 31+00W	1.2	28	11.4	64	<.1	11.7	6.9	266	2.52	3.5	1.1	1.5	5.6	6	0.1	0.2	0.4	37	0.04	0.08	7	13	0.29	79	0.128	2	4.33	0.013	0.08	0.2	0.06	2.3	0.1	0.07	10	<.5	<1	1	40
FA-5 30+50W	0.7	13.6	10.3	64	0.1	12.1	8	430	1.95	3.4	0.9	0.7	3.9	6	0.1	0.3	0.3	28	0.05	0.069	12	10	0.25	92	0.084	1	3.18	0.013	0.07	0.2	0.08	2.1	0.1	<.05	8	0.5	<1	1	19.7
FA-5 30+00W	0.9	10.4	8	61	0.1	10.4	8	738	1.84	3.1	1.1	1.7	4.8	7	0.1	0.1	0.2	26	0.05	0.075	7	9	0.21	62	0.11	2	4.53	0.018	0.05	0.2	0.09	2.3	0.1	0.08	8	0.5	<1	1	38.3
FA-5 29+50W	1	11.1	8.7	45	<.1	7	4.4	831	1.96	3	0.8	0.7	3.1	6	<.1	0.2	0.3	33	0.04	0.085	6	9	0.19	50	0.124	2	3.66	0.018	0.05	0.2	0.07	1.6	0.1	0.06	10	0.5	<1	1	18.6
FA-5 29+00W	1	10.1	18.8	32	<.1	4.2	2.1	185	2.37	3.9	0.5	0.7	2.2	4	0.1	0.6	0.4	43	0.04	0.072	5	10	0.11	32	0.122	1	3.03	0.015	0.04	0.1	0.13	1.3	0.1	0.08	12	<.5	<1	1	21.6
FA-5 28+50W	0.8	9.6	10	25	<.1	4.4	2.3	156	2.15	2.9	0.8	1.2	3.5	5	0.1	0.2	0.3	33	0.03	0.064	7	8	0.11	30	0.116	1	3.08	0.019	0.04	0.2	0.07	1.7	0.1	0.08	11	<.5	<1	1	36.7
FA-5 28+00W	0.1	2.1	5.3	9	<.1	1.8	0.8	33	0.71	0.8	0.3	4.3	1.4	2	0.1	0.2	0.1	9	0.01	0.013	31	4	0.09	18	0.011	<1	0.42	0.005	0.03	<.1	0.01	0.4	0.1	<.05	4	<.5	<1	<1	<.1
FA-5 27+50W	0.5	5.6	6.7	17	0.1	3.9	1.6	53	1.31	3	0.5	5.9	2.4	5	0.2	0.3	0.2	19	0.04	0.071	16	8	0.14	32	0.042	2	1.41	0.01	0.04	0.2	0.07	1	0.1	0.07	6	<.5	<1	1	5.1
FA-5 26+50W	0.3	3.9	14.7	18	<.1	3.1	1.4	373	0.79	1.7	0.4	7.8	1.9	5	0.2	0.2	0.2	14	0.02	0.023	32	5	0.09	49	0.019	2	0.58	0.007	0.05	0.1	0.02	0.6	0.2	<.05	5	<.5	<1	1	2
FA-5 26+00W	0.3	4.3	6.1	23	<.1	4.5	1.9	127	1.12	1.6	0.6	41	3.7	3	0.2	0.2	0.3	23	0.03	0.023	32	7	0.18	43	0.044	1	0.68	0.006	0.05	0.1	0.02	0.9	0.1	<.05	7	<.5	<1	1	0.7
FA-5 25+50W	0.3	3.3	10	27	<.1	5.8	2.4	58	1.18	0.9	0.4	0.5	5	4	<.1	0.2	0.3	23	0.03	0.019	28	8	0.39	34	0.056	1	0.87	0.007	0.05	0.2	0.01	0.9	0.1	<.05	7	<.5	<1	1	0.9
FA-5 25+00W	0.5	5.3	8.6	35	<.1	7.7	3.6	107	1.74	2.2	0.5	0.5	3.8	4	0.1	0.2	0.3	28	0.04	0.035	24	9	0.34	41	0.08	1	0.87	0.008	0.07	0.1	0.02	0.9	0.1	<.05	8	<.5	<1	1	1.7
FA-5 24+50W	0.4	6.9	8.9	23	<.1	5.1	2.9	55	1.17	2.1	0.7	<.5	3.4	7	0.1	0.3	0.3	19	0.1	0.034	29	8	0.15	140	0.033	1	0.72	0.008	0.06	0.1	0.03	1	0.1	<.05	5	<.5	<1	1	0.6
RE FA-5 24+50W	0.3	8.1	10.9	25	<.1	5.3	2.7	55	1.08	2.2	0.7	0.8	2.3	8	0.2	0.2	0.2	19	0.1	0.033	27	7	0.15	141	0.033	1	0.71	0.018	0.06	0.1	0.03	1	0.1	<.05	5	<.5	<1	1	0.4
FA-5 24+00W	0.5	9.5	14.1	73	<.1	11.1	7.4	918	2.49	2.8	0.8	0.5	4.8	8	0.1	0.3	0.5	37	0.07	0.104	26	12	0.31	182	0.097	2	1.3	0.011	0.12	0.2	0.02	1.8	0.1	<.05	10	<.5	<1	1	2.1
FA-5 23+50W	0.5	3.4	4.9	13	<.1	2.4	1	70	0.66	0.8	0.3	0.9	3	3	0.1	0.2	0.2	15	0.04	0.012	28	4	0.04	52	0.034	<1	0.38	0.009	0.04	0.1	0.01	0.5	0.1	<.05	4	<.5	<1	1	0.5
FA-5 22+50W	0.4	6.3	25.1	22	<.1	4.2	2.2	65	0.7	1	1.4	0.8	0.2	15	0.3	0.2	0.4	17	0.19	0.044	12	7	0.17	228	0.034	1	0.96	0.011	0.06	0.1	0.04	0.6	0.1	<.05	7	<.5	<1	1	0.8
FA-5 22+00W	2.7	12.8	23.2	40	0.1	7.5	10	13946	1.5	1.8	8.8	2.9	0.5	20	1.3	0.4	0.3	27	0.36	0.079	13	7	0.16	637	0.046	2	2.13	0.014	0.06	0.1	0.1	0.9	0.2	0.08	10	<.5	<1	1	1.8
FA-5 21+50W	0.9	6.3	17.4	17	<.1	3.1	1.2	99	2.21	3	0.5	1	2.1	4	0.1	0.3	0.4	45	0.06	0.05	5	6	0.05	41	0.137	<1	1.27	0.012	0.03	0.1	0.08	0.9	0.1	<.05	15	<.5	<1	2	43
FA-5 21+00W	0.5	4.1	15.9	15	<.1	2.5	1.1	59	1.18	2.2	0.3	13.7	2	3	<.1	0.2	0.5	31	0.02	0.049	15	5	0.07	48	0.082	1	0.69	0.009	0.03	0.1	0.02	0.8	0.1	<.05	11	<.5	<1	1	2.1
FA-5 20+50W	1.5	6	26.1	25	<.1	4.7	6.6	291	1.11	1.8	2	<.5	0.8	8	0.1	0.3	0.5	20	0.05	0.035	17	6	0.15	154	0.031	<1	1.02	0.008	0.07	0.1	0.03	0.9	0.1	<.05	6	<.5	<1	1	0.9
STANDARD DS7	20	108.1	67.6	409	0.9	54.7	9.4	628	2.39	47.8	4.9	116.9	4.4	72	6.2	5.8	4.4	86	0.94	0.077	13	170	1.06	374	0.126	39	1.02	0.078	0.45	3.8	0.19	2.5	4.2	0.23	5	3.5	1	5	5.4
FA-5 20+00W	2.1	6.7	35	35	<.1	6.1	8.9	445	1.64	1.6	5.9	1.3	1.8	17	0.2	0.2	0.6	31	0.21	0.031	10	8	0.22	311	0.097	2	1.32	0.012	0.05	0.2	0.04	1.3	0.1	<.05	12	<.5	<1	1	3
FA-5 19+50W	1.1	6.1	13.3	19	<.1	3.9	1.6	44	3.29	3.5	0.8	2.6	4.8	3	0.1	0.2	0.3	50	0.02	0.067	3	11	0.13	40	0.135	1	4.18	0.011	0.03	0.1	0.08	1.9	0.1	0.07	15	<.5	<1	1	52.5
FA-5 19+00W	0.2	1.9	9.6	7	<.1	1	0.6	24	0.31	0.5	0.3	31.7	0.4	8	0.1	0.1	0.3	6	0.09	0.016	11	2	0.04	69	0.022	1	0.36	0.008	0.02	0.1	0.03	0.2	<.1	<.05	4	<.5	<1	1	0.2
FA-5 18+50W	0.6	6.2	9.6	20	<.1	3.2	1.3	60	1.96	1.7	0.5	2.2	2.1	4	0.1	0.2	0.3	34	0.02	0.04	6	6	0.09	34	0.077	<1	1.87	0.009	0.02	0.1	0.07	1	0.1	<.05	11	<.5	<1	1	13.4
FA-5 18+00W	1	9.1	10.9	16	<.1	2.5	1.2	98	2.74	3.2	0.8	1.1	2	3	0.2	0.3	0.3	39	0.02	0.066	3	7	0.04	27	0.119	1	3.67	0.012	0.02	0.2	0.17	1.1	<.1	0.07	13	<.5	<1	1	30.2
FA-5 17+50W	0.8	6.4	10.5	16	<.1	3	1.9	219	1.44	1.9	0.5	2.2	1.8	3	0.1	0.2	0.3	29	0.02	0.051	4	5	0.06	30	0.114	1	2.03	0.014	0.02	0.1	0.06	1	0.1	<.05	10	<.5	<1	1	16.8
FA-5 17+00W	1.3	7.5	16.1	38	<.1	5.8	2.5	311	3.4	4.6	0.7	2.6	3.3	4	0.1	0.4	0.5	57	0.02	0.07	5	11	0.13	44	0.183	1	2.6	0.013	0.04	0.3	0.09	1.6	0.1	<.05	18	<.5	<1	2	25.2
FA-5 16+50W	1	8.1	13.2	40	<.1	6	3.3	611	2.5	3	0.8	1.3	2.7	5	0.1	0.3	0.4	44	0.04	0.138	3	8	0.09	49	0.15	<1	3.54	0.013	0.03	0.2	0.08	1.4	0.1	<.05	14	<.5	<1	1	26.6
FA-5 16+00W	0.9	9.4	14.7	44	<.1	8	3.9	287	2.74	4.4	0.6	8.8	2.9	7	0.1	0.4	0.5	42	0.07	0.07	13	11	0.22	40	0.072	<1	1.11	0.007	0.06	0.3	0.03	1.3	0.1	<.05	10	<.5	<1	1	2.1
FA-5 15+50W	0.6	10.5	7.6	39	<.1	10.1	5.1	165	1.63	3.2	1.5	33.1	5	3	0.1	0.1	0.3	13	0.02	0.041	19	7	0.28	25	0.022	<1	1.03	0.003	0.03	0.6	0.03	0.7	<.1	<.05	3	<.5	<1	<1	0.8
FA-5 15+00W	0.5	10.9	17.4	29	0.1	4.3	2.9	2908	1.22	1.7	0.9	0.7	0.6	5	0.2	0.2	0.3	20	0.03	0.065	11	6	0.08	135	0.047	1	1.46	0.012	0.05	0.7	0.05	0.8	0.1	<.05	7	<.5	<1	1	1.8
FA-5 14+50W	0.4	6.4	17.4	25	<.1	3.8	2.1	198	1.16	1.5	0.5	0.5	2.3	4	0.2	0.3	0.4	16	0.02	0.032	9	5	0.09	47	0.036	1	0.88	0.006	0.03	0.1	0.03	0.7	0.1	<.05	5	<.5	<1	1	2.1
FA-5 14+00W	1.2	9	13.8	25	<.1	4.8	2.1	112	3.38	4.3	0.5	1.5	3.9	3	0.1	0.3	0.5	59	0.02	0.132	5	10	0.09	27	0.141	1	2.61	0.008	0.03	0.2	0.05	1.2	0.1	<.05	16	<.5	<1	1	23
FA-5 13+50W	0.8	6.9	13	36	<.1	6	3	315	1.83	2.1	0.5	<.5	3.5	5	0.1	0.4	0.5	32	0.03	0.046	9	8	0.14	43	0.08	<1	1.08	0.006	0.05	0.2	0.05	1.1	0.1	<.05	8	<.5	<1	1	3.2
FA-5 13+00W	0.7	9	12.5	44	0.1	5.9	3.4	1859	1.82	2.2	0.7	1.2	4	11	0.3	0.2	0.3	28	0.1	0.096	7	7	0.11	107	0.08	1	2.81	0.011	0.04	0.1	0.05	1.6	0.1	<.05	8	<.5	<1	1	21.8
FA-5 12+50W	1	11.2	13.8	44	0.2	5.9	5.4	198	2.48	2.6	0.8	1.9	4.7	3	0.1	0.3	0.4	35	0.02	0.07	6	10	0.11	49	0.11	1	3.98	0.009	0.04	0.2	0.09	1.8	0.1	<.05	11	<.5	<1	1	36.7
FA-5 12+00W	0.8	8.7	13.8	45	0.1	8.5	6	751	2.35	6.6	0.5	1.7	4.4	5	0.1	0.2	0.5	28	0.04	0.038	13	8	0.17	95	0.035	<1	1.46	0.006	0.05	0.2	0.04	1	0.1	<.05	7	<.5	<1	1	3.3
RE FA-5 12+00W	0.9	8.6	13.3	48	0.1	8.2	5.8	742	2.38	6.9	0.6	3	4.5	5	0.2	0.3	0.5	29	0.05	0.038	14	8	0.17	96	0.039	<1	1.45	0.006	0.05	0.2	0.03	1	0.1	<.05	7	<.5	<1	1	3.2
FA-5 11+50W	0.9	15.9	19.6	72	0.2	14.2	11.3	669	2.54	37.4	1.3	38.1	7.7	4	0.2	0.5	0.4	17	0.02	0.056	22	10	0.24	87	0.02	<1	1.78	0.005	0.05	0.6	0.03	1.6	0.1	<.05	4	<.5	<1	<1	4.9
FA-5 11+00W	1	12.4	21.1	76	0.2	9.7	7.9	795	2.84	21.4	1	26.1	5	4	0.2	0.3	0.5	31	0.02	0.056	15	12	0.22	69	0.067	<1	2.14	0.008	0.05	0.5	0.07	1.6	0.1	<.05	9	<.5	<1	1	5.7
FA-5 10+50W	1	13.3	63.9	114	0.2	8.3	9.1	1449	2.62	72.9	0.8	28.3	4.3	4	0.2	0.6	0.5	31	0.03	0.114	9	10	0.17	72	0.082	1	2.79	0.01	0.06	2.3	0.07	1.6	0.1	<.05	9	<.5	<1	1	14.6
FA-5 10+00W	0.8	8.7	17.4	27	0.2	4	2.3	474	2.16	2.3	0.4	1.1	1.8	3	0.1	0.2	0.5	40	0.02	0.089	6	7	0.08	35	0.101	<1	1.31	0.012	0.03	0.2	0.06	0.7	0.1	<.05	11	<.5	<1	1	6.7
FA-5 09+50W	1	10.5	10.8	20	0.3	3.4	4.4	428	2.67	3.3	1	0.5	3.8	4	0.2	0.2	0.2	32	0.03	0.128	3	10	0.06	23	0.106	<1	5.74	0.012	0.02	0.2	0.11	1.8	<.1	0.06	8	0.7	<1	1	56.2
FA-5 09+00W	2.4	33.9	52	81	0.9	11.6	15.4	1972	2.08	141.9	3	0.7	0.9	12	1.2	0.4	0.6	27	0.06	0.049	14	9	0.19	81	0.06	1	1.72	0.016	0.05	0.2	0.05	1.2	0.1	<.05	10	<.5	<1	1	2.5
FA-5 08+50W	0.5	3.5	12.9	13	<.1	2	1	52	1.3	3.1	0.2	2.2	1.5	3	0.1	0.3	0.4	31	0.02	0.023	13	5	0.07	19	0.026	1	0.79	0.006	0.02	0.1	0.03	0.5	0.1	<.05	9	<.5	<1	1	0.7
FA-5 08+00W	0.6	9.1	13.7	19	0.5	3.9	1.4	46	2.1	5.9	0.6	3.2	3.2	3	<.1	0.3	0.4	25	0.02	0.033	10	7	0.13	31	0.013	<1	2.06	0.007	0.02	0.2	0.08	0.8	0.1	<.05	6	<.5	<1	1	9.6
FA-5 07+00W	0.5	4.9	10.6	15	0.4	3.1	1.2	42	1.66	6.1	0.4	1.8	2.9	3	<.1	0.2	0.3	17	0.01	0.019	16	6	0.12	18	0.009	<1	0.86	0.004	0.02	0.1	0.03	0.4	0.1	<.05	5	<.5	<1	<1	0.7
FA-5 06+50W	0.7	8.1	14.6	30	0.3	3.8	1.6	99	1.99	3.7	0.4	0.5	2.6	3	0.1	0.2	0.4	35	0.02	0.024	8	6	0.07	22	0.05	<1	1.1	0.01	0.03	0.1	0.05	0.7	0.1	<.05	9	<.5	<1	1	6.3
FA-5 06+00W	0.8	21	55	37	0.4	7.6	16.4	298	1.82	8.8	2.7	0.8	0.6	11	0.4	0.4	0.5	21	0.07	0.058	24	7	0.16	37	0.037	1	1.26	0.013	0.06	0.2	0.07	0.8	0.1	<.05	7	<.5	<1	1	1.1
FA-5 05+50W	1	11.3	18.8	35	0.2	5.4	2.3	93	2.77	8.1	0.5	2.1	3.6	12	0.1	0.4	0.5	29	0.16	0.033	14	9	0.2	52	0.04	1	0.98	0.01	0.04	0.2	0.06	0.7	0.1	<.05	8	<.5	<1	1	3.1
FA-5 05+00W	1.1	41	41.4	38	0.7	10.8	7.5	106	1.29	2.4	2.9	3.5	0.9	13	0.5	0.3	0.3	17	0.11	0.07	26	6	0.1	48	0.05	1	1.96	0.018	0.04	0.1	0.12	1	0.1	<.05	6	0.5	<1	1	3.3
FA-5 04+50W	2.1	34.1	24.1	66	0.1	7.5	3.2	169	6.11	26.8	0.7	3.3	9.4	3	0.1	1	1.1	21	0.01	0.063	18	15	0.41	27	0.013	<1	1.77	0.003	0.05	0.1	0.04	0.9	0.1	<.05	6	<.5	<1	<1	2.4
FA-5 04+00W	1.4	14.1	32.1	39	0.2	5.4	3.8	404	3.47	10.9	0.6	1.4	2.6	4	0.2	0.6	0.8	30	0.02	0.043	15	10	0.22	49	0.039	1	1.18	0.007	0.06	0.2	0.05	0.9	0.1	<.05	8	<.5	<1	1	1
FA-5 03+50W	0.8	21.2	31.8	77	<.1	11.9	4.9	135	2.31	6.3	0.7	0.7	1.6	5	0.2	0.5	0.7	25	0.03	0.039	14	11	0.32	47	0.029	1	1.39	0.007	0.07	0.1	0.03	1.1	0.1	<.05	6	<.5	<1	1	0.7
STANDARD DS7	19.7	110.2	66.2	403	0.9	54.6	9.3	616	2.35	48.2	4.7	70.4	4.1	67	6.3	5.8	4.3	84	0.9	0.08	11	165	1.03	358	0.117	40	0.94	0.074	0.44	3.7	0.18	2.4	4.1	0.2	5	3.8	1	5	5.4
FA-5 02+50W	1.7	11.5	23.8	55	0.4	5.8	2.7	168	3.4	6.3	0.6	0.9	3.2	4	0.2	0.4	0.6	39	0.04	0.039	13	12	0.17	47	0.07	1	1.47	0.009	0.08	0.2	0.07	1.2	0.1	<.05	11	<.5	<1	1	3.2

FA-5 02+00W	0.9	8.3	14.4	29	0.1	4.3	2	76	2.12	4.7	0.4	<.5	2.9	3	0.2	0.4	0.4	21	0.02	0.021	18	7	0.12	38	0.043	1	0.79	0.007	0.08	0.1	0.02	0.7	0.1	<.05	6	<.5	<1	1	0.6
FA-5 01+50W	0.7	6.6	15.4	11	0.3	2.9	1.1	27	1.95	2.8	0.5	2.9	2.5	4	0.1	0.3	0.3	35	0.03	0.028	6	7	0.06	26	0.087	1	2.12	0.01	0.03	0.1	0.08	1.1	0.1	<.05	12	<.5	<1	1	21.8
FA-5 01+00W	1.5	17.5	28.6	51	0.3	10.5	4.1	139	2.79	12.4	1	<.5	8.3	3	0.1	0.5	0.5	18	0.03	0.039	23	11	0.24	57	0.019	1	1.84	0.004	0.18	0.2	0.07	1.2	0.2	<.05	5	0.5	<1	<1	2.6
FA-5 00+50W	1.5	16.4	44.9	81	0.3	11.2	8.8	245	2.54	6.8	1.4	2.5	2.7	20	0.4	0.3	0.6	31	0.27	0.032	25	10	0.16	120	0.073	1	1.55	0.012	0.1	0.2	0.04	1.5	0.2	0.06	11	<.5	<1	1	3.2
FA-5 00+00W	1.4	25.4	45.8	87	<.1	16.4	12	745	2.35	9.3	2.5	5	5.4	10	0.6	0.5	0.5	15	0.12	0.046	36	11	0.26	85	0.036	1	1.44	0.006	0.25	0.2	0.04	1.4	0.3	<.05	4	0.5	<1	<1	0.5
STANDARD DS7	21	108.8	70.6	410	0.9	57.1	10.1	653	2.45	50.7	5	88	4.4	69	6.7	6.4	4.5	88	0.98	0.086	14	199	1.07	383	0.124	39	1.01	0.076	0.45	3.9	0.2	2.5	4.3	0.22	5	3.8	1	5	5.4

Appendix C

Statement of Expenditures

STATEMENT OF EXPENDITURES

The following expenses were incurred on the Faith Project between July 9th and 13th, 2007.

PERSONNEL

Field Crew - 24 days @ $275 / day		$ 6,600.00
	Sub-Total	**$ 6,600.00**

EQUIPMENT RENTAL

4WD Truck - mileage -2,443 km @ $0.75 / km		$ 1,832.25
Digital Camera - 2 days at $20 / day		$ 1,372.56
Mobile radios (Trucks) - 5 days at $20 / day		$ 100.00
Hand-held Radios - 24 man-days at $10 / day		$ 240.00
Quads - 4 man-days at $150 / day		$ 600.00
Quad Trailer - 2 days at $20 / day		$ 40.00
	Sub-Total	**$ 4,184.81**

FIELD SUPPLIES (Flagging, KRAFT bags, etc.)

24 man-days @ $20 / day		**$ 480.00**

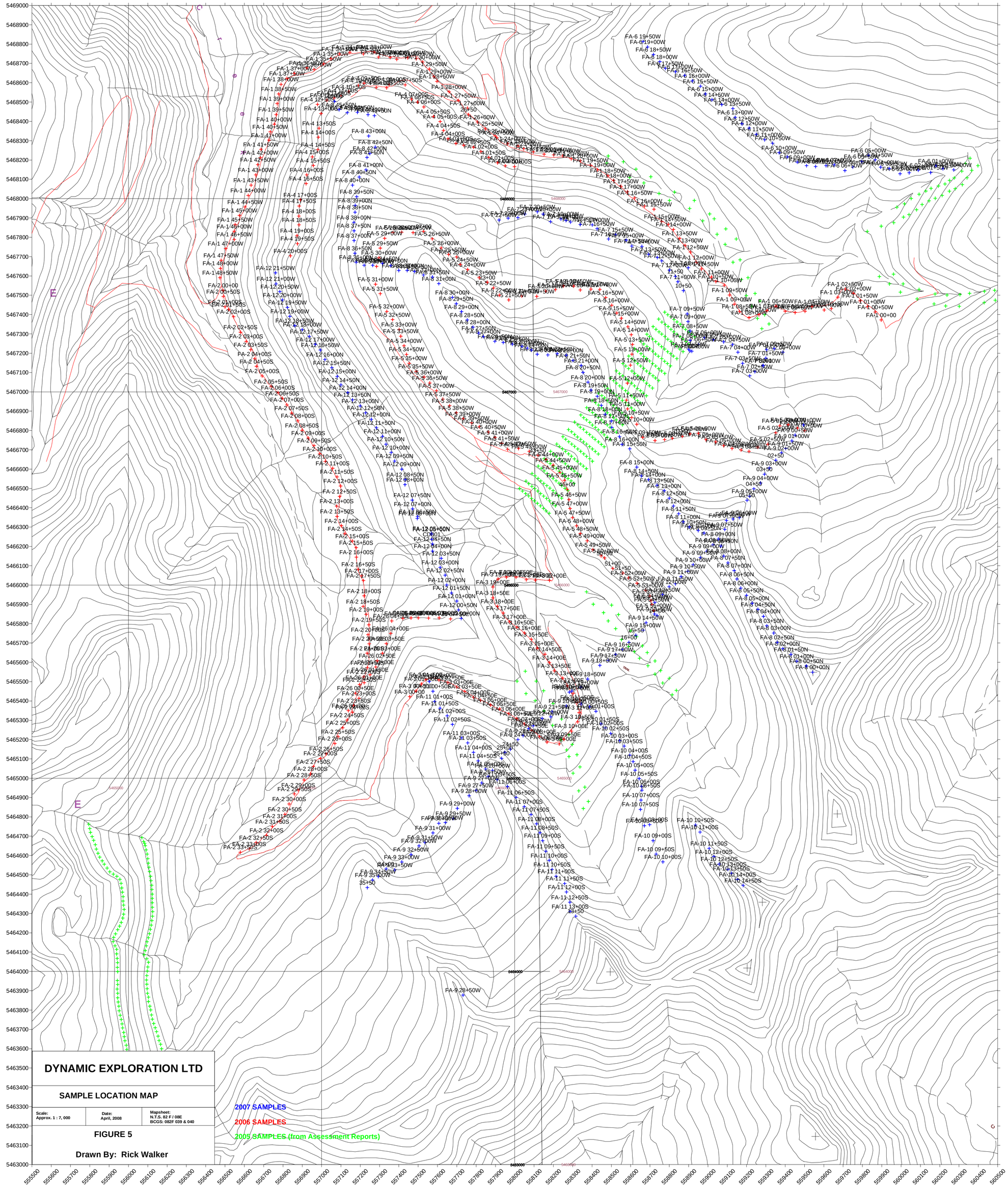
DISBURSEMENTS

Analyses - 339 soil samples at $25 / sample		$ 8,475.00
Fuel		$ 331.99
Satellite Phone		$ 75.00
Shipping		$ 120.00
	Sub-Total	**$ 9,001.99**

REPORT/REPRODUCTION

R. T. Walker, P.Geo.: 2.0 days report writing at $650/day		$ 1,300.00
1.0 days analysis / drafting at $350 / day		$ 350.00
	Sub-Total	**$ 1,650.00**
	Total	**$ 21,916.80**

FAITH PROPERTY



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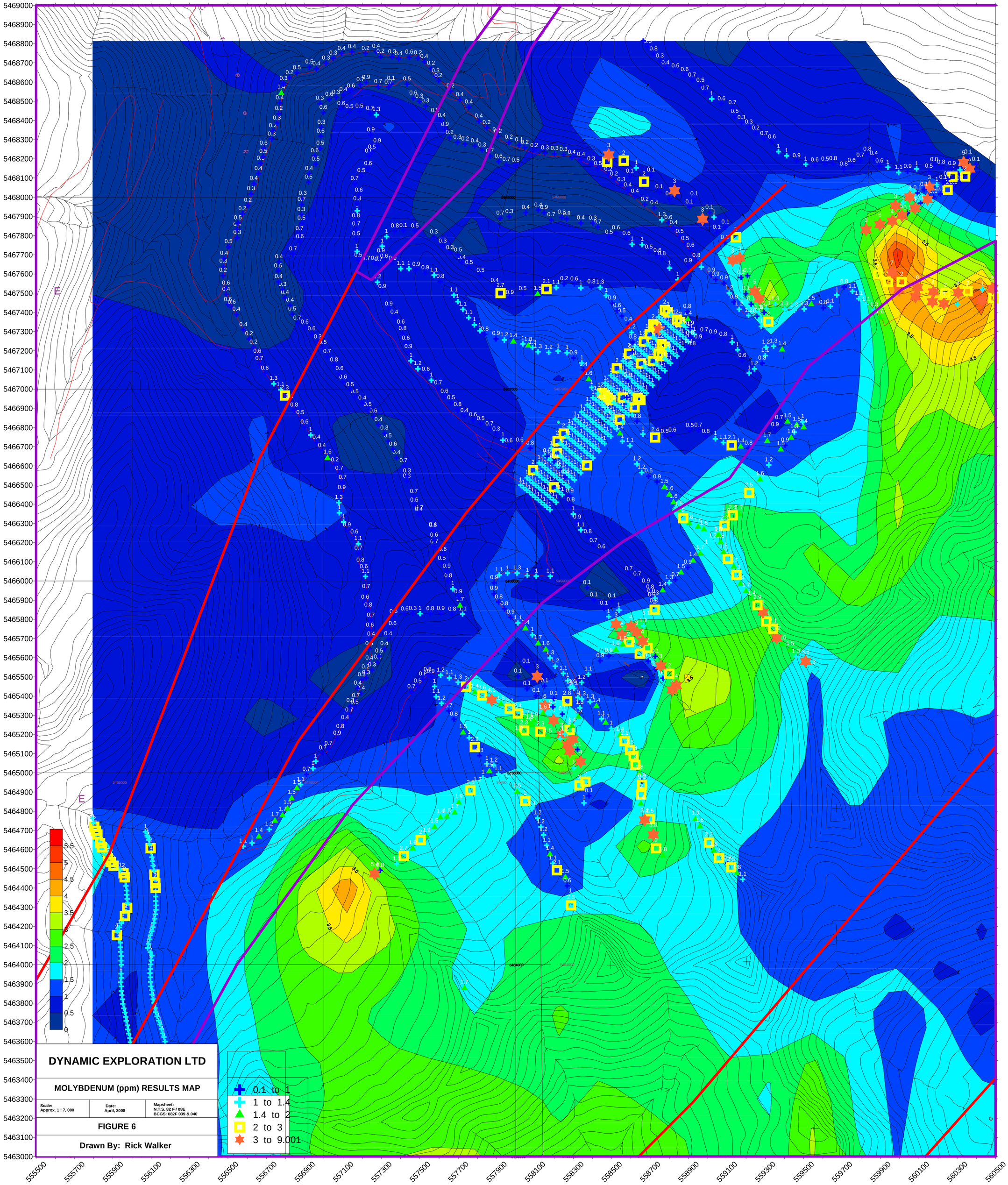

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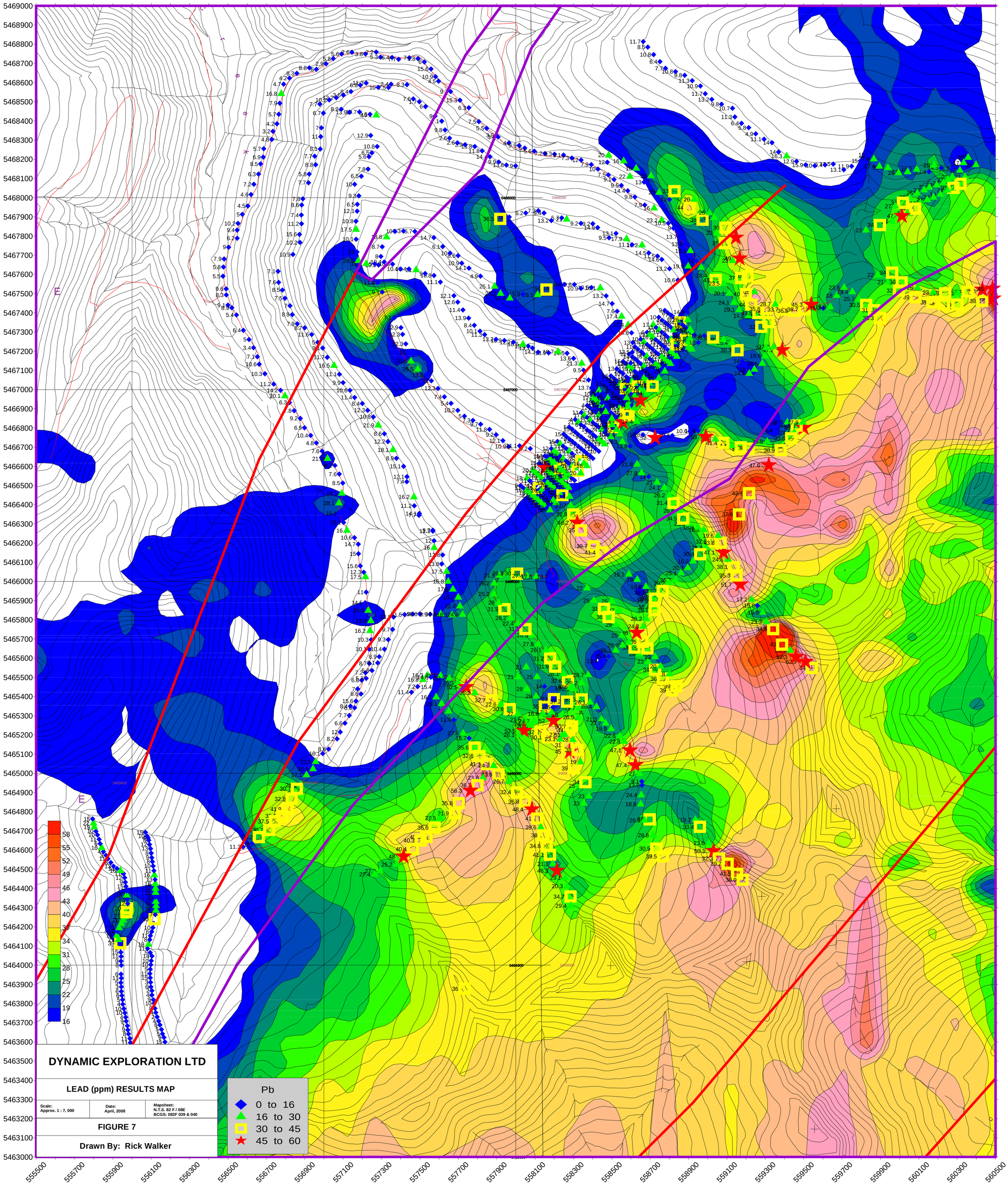

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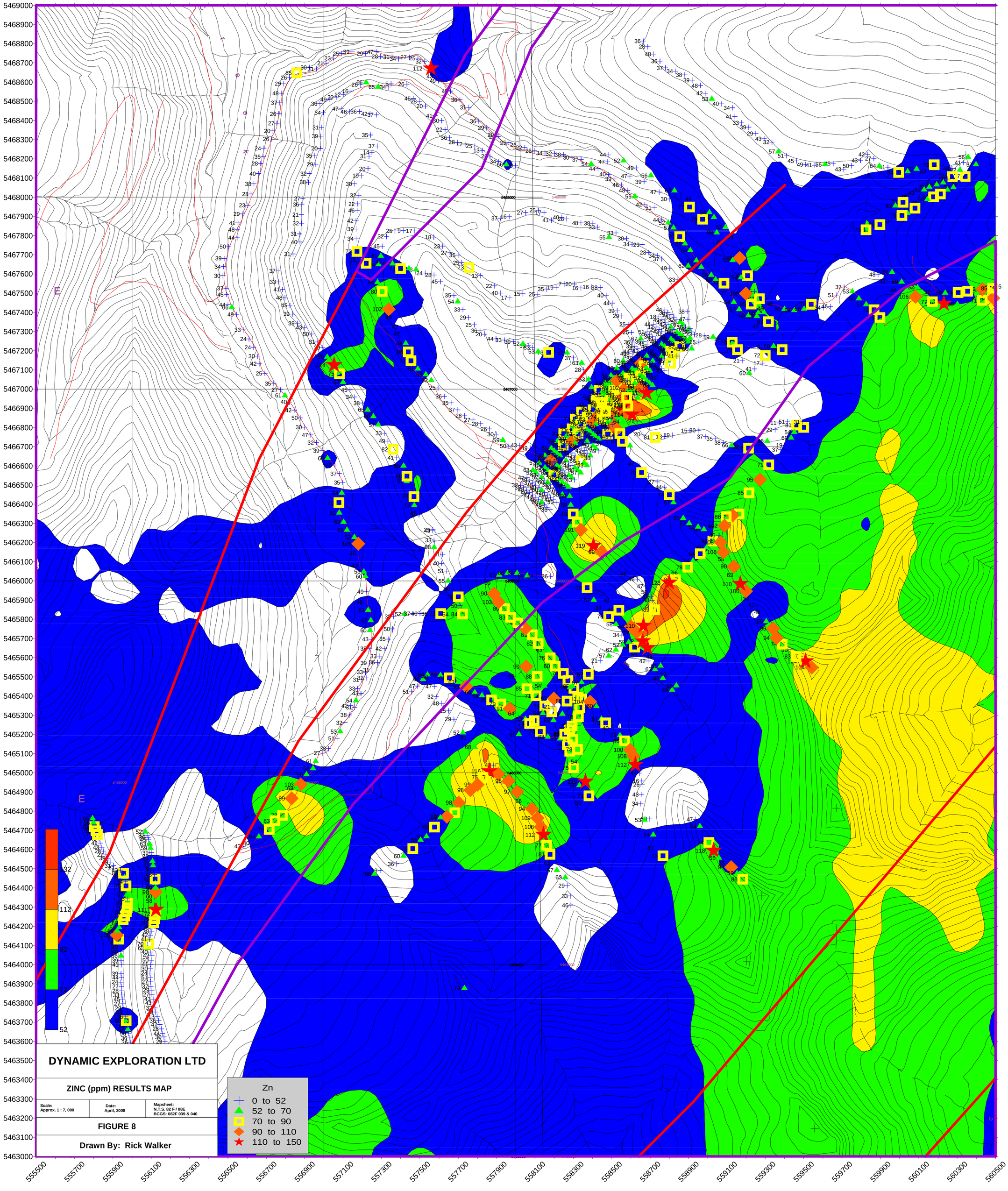

FAITH PROPERTY