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**a three-component aeromagnetic survey
of british columbia
and the adjacent pacific ocean**

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Abstract. The geomagnetic components D, H, Z, and the total intensity F were measured at 4.6 km to 6.2 km altitude along flight lines traversing British Columbia and extending 1,400 km westward over the Pacific. The determination of systematic errors, mainly due to aircraft magnetic fields, is described. The corrected data, reduced to sea level and averaged over five-minute (≈ 35 km) intervals, are listed. Further smoothing was applied to produce contoured charts of D, H, Z, and the Z anomaly field. Some features of the Z anomaly chart are discussed. One anomaly, prominent over a large area in northeastern British Columbia is fitted by models and compared with Precambrian Shield anomalies of similar scale reported by others. IGRF residuals derived from the five-minute averages are shown as profiles in D, H, Z, and F. The regional field, in the form of a 3rd-degree polynomial, is compared with IGRF.

Résumé. Les composantes géomagnétiques D, H, Z et l'intensité magnétique totale, F, ont été enregistrées à des altitudes de 4.6 à 6.2 kilomètres, le long de lignes de vol parallèles au-dessus de la Colombie-Britannique, jusqu'à 1,400 km à l'ouest, au-dessus du Pacifique. Les auteurs décrivent le procédé de détermination des erreurs systématiques, principalement dues aux champs magnétiques de l'avion. Les données, rectifiées et ajustées au niveau de la mer, sont présentées sous forme de moyennes sur cinq minutes de vol (≈ 35 km). Un adoucissement a été appliqué afin de dresser des cartes à courbes de niveau de D, H, Z et des anomalies de Z. Quelques particularités de la carte des anomalies de Z sont examinées. Une anomalie prééminente sur une vaste région du nord-est de la Colombie-Britannique est reproduite par modèles et comparée à des anomalies d'échelle similaire, du Bouclier Précambrien, notées par d'autres auteurs. Les données résiduelles, par rapport au Champ Géomagnétique International de Référence (IGRF), obtenues à partir des moyennes sur cinq minutes, sont présentées sous forme de profils graphiques de D, H, Z et F. On compare l'IGRF avec le champ régional, représenté par un polynôme du troisième degré.

Introduction

From January to March 1969 the Dominion Observatory (now the Earth Physics Branch) carried out an airborne magnetic survey of British Columbia and an adjacent area of the Pacific Ocean. A map of the survey indicating the actual flight lines is given in Figure 1. The total length of these lines is approximately 76,000 km, covering an area of 3.4 million square kilometres. Across the Cordillera and the continental shelf the nominal separation between flight lines is 20 nautical miles (37 kilometres). Alternate lines are extended westward over the Pacific to distances of 1,300–1,500 km from the coast.

The aircraft, a Douglas DC6-B chartered from Pacific Western Airlines, was generally flown at altitudes between 15,000 and 20,000 feet, (4,600 and 6,200 metres) except during flights No. 25 and No. 29 when altitudes up to 22,200 feet were necessary because of cloud conditions and high mountains.

The aircrew consisted of the aircraft captain and two co-pilots, two navigators, a flight engineer and a steward, all Pacific Western Airlines personnel. Four members of the Earth Physics Branch, Division of Geomagnetism (including the authors) formed the magnetometer crew.

Navigation

The survey lines over land were flown in daylight during periods when good visibility was expected so that the aircraft's position could be determined by map reading. Flights over the Pacific Ocean were conducted after evening twilight and three-star position fixes were obtained every 20 minutes.

The survey area is favoured with good Loran coverage which proved to be a valuable navigation aid, particularly over the ocean. In addition a Canadian Marconi Doppler navigator system provided ground speed and drift information for keeping the aircraft on track and also for interpolating positions and re-plotting the

survey lines when the flights were completed.

The aircraft was also fitted with a unit for receiving Omega transmissions. However this unit was seriously deficient inasmuch as it did not include lane counters. Furthermore, reception of the Omega signals from Norway was rather poor in the survey area, and for these reasons the Omega navigation system was rarely used.

The navigator's estimate of the average error in the final determinations of the aircraft's position (at intervals of 20 minutes or less) is one nautical mile over land and two or three nautical miles over the ocean. The aircraft's position between fixes is assumed to lie on a great circle path and is interpolated accordingly.

Instrumentation

The three-component fluxgate magnetometer used in carrying out this survey is essentially a modern version of the Dominion Observatory's original gyro-stabilized airborne magnetometer which has been rigorously described by Serson *et al.* (1957). A description of the present model was presented by Hannaford *et al.* (1967).

Continuous measurements of geomagnetic declination D, horizontal intensity H, and vertical intensity Z were recorded on strip charts in analogue form. Digital samples of D, H, and Z taken at three-second intervals were recorded on magnetic tape and were also fed into an averaging system. One hundred digital samples of each element are thus accumulated over a five-minute interval, whereupon the average value of each set is then displayed on a digital counter and subsequently logged by the magnetometer operator. The three corresponding five-minute averages are assigned to the geographical position at the centre of the

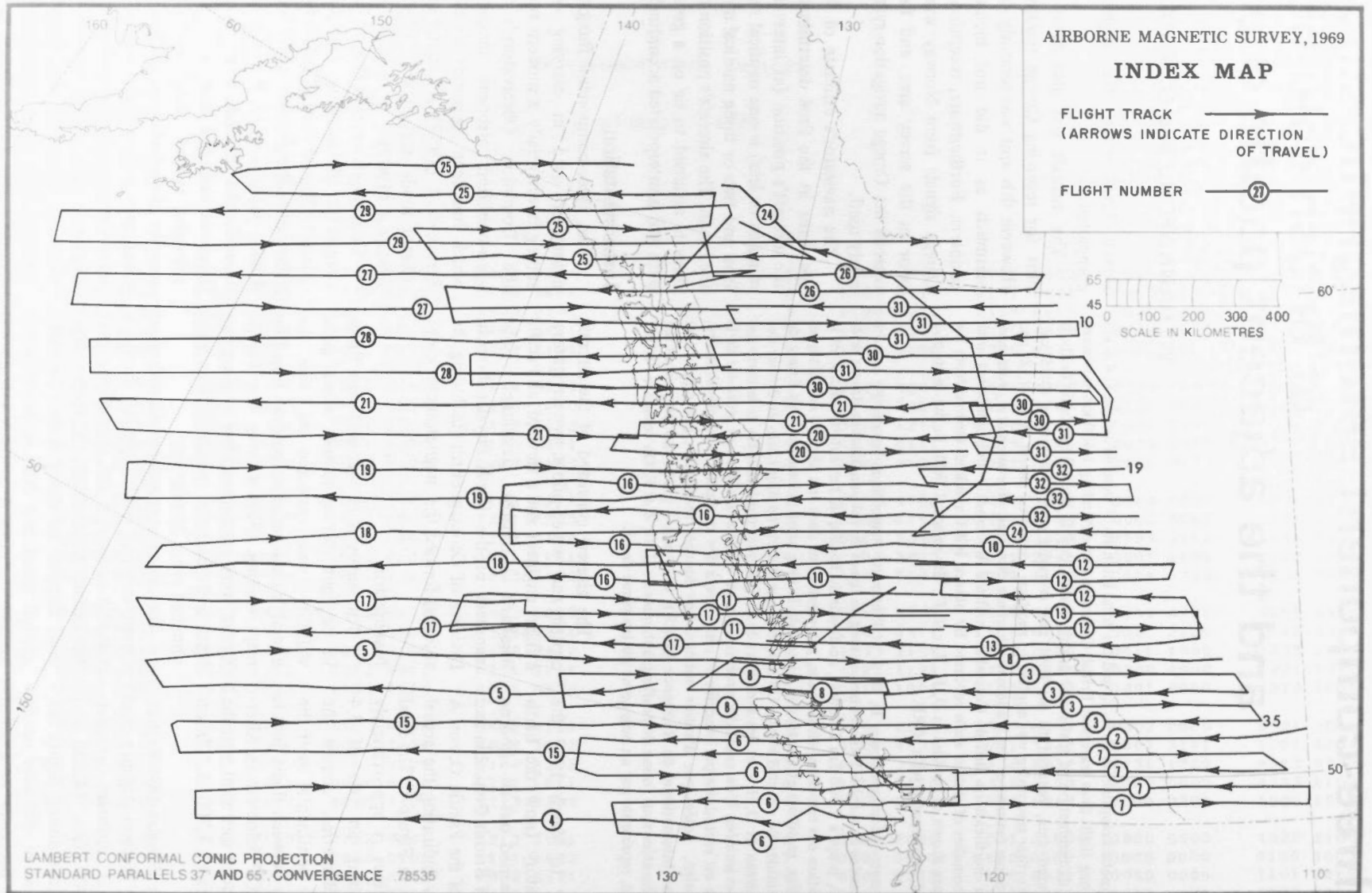


Figure 1. Flight lines of the aeromagnetic survey reported in this paper. The flight number is given on each line as an aid in locating the data listed in the Appendix. The text refers to lines 10, 19 and 35 in connection with Figures 6 and 7. These lines are identified by number at their eastern end.

averaging interval where they represent the geomagnetic field as obtained by smoothing over a distance of approximately 35 km. The data presented in this report are based on these five-minute averages and also on similarly smoothed measurements of total intensity F which were independently obtained with a proton precession magnetometer (PPM). The PPM sensor was located in the end of a stinger which extended 4 metres beyond the rear end of the fuselage.

Corrections to the data

The attitude and orientation of the three-component fluxgate sensors are controlled by mechanical linkages with a gyro-stabilized platform and the entire assembly is mounted at the rear of the main cabin where the magnetic field of the aircraft is relatively small. However at this location the undesired fields from magnetic materials and electrical currents may still be several hundred gammas in magnitude. To compensate for this contribution from artificial sources, appropriate corrections are applied to the magnetic measurements and the ultimate accuracy of the geomagnetic data depends largely on the accuracy with which these corrections can be determined.

The corrections for aircraft magnetism are derived from information which is obtained in two ways.

(a) The aircraft is flown directly over a magnetic observatory or other suitable checkpoint, making at least two passes on each of four different headings (approximately 90° apart). The airborne measurements of D , H , and Z are adjusted for altitude and compared with the corresponding values on the ground. This procedure is called a "swing".

(b) The entire collection of survey data is analyzed for systematic errors which are dependent on aircraft heading.

The swing procedure (a) by itself will yield sufficient information to obtain an estimate of the aircraft's magnetic field and also of constant errors which can be attributed to the instrumental system. Four swings were conducted during the course of the survey and the observed discrepancies of D , H , and Z , due mainly

to the field of the aircraft, were resolved into three magnetic vectors, P along the forward axis of the aircraft, Q along the transverse axis (positive toward starboard) and R downward. In general the aircraft's field may be a combination of permanent and induced magnetization. However, a solution using the swing discrepancies to determine P , Q , and R in terms of both permanent and induced parts indicated that induced magnetization was not present in sufficient strength to be measured, whereas the field intensity at the fluxgate sensors due to permanent magnetization was approximately 466 gammas.

The four swings provided 34 determinations of P , Q , and R . The resulting mean values and standard errors in gammas were as follows.

$$\begin{aligned} \bar{P} &= +85 \pm 13 \\ \bar{Q} &= +159 \pm 13 \\ \bar{R} &= -429 \pm 32 \end{aligned}$$

Accordingly, the horizontal component of the aircraft's field, $(P^2 + Q^2)^{1/2}$, is 180 gammas, whereas the horizontal intensity H was 11,000 gammas or greater during the swings and throughout the survey area. Hence the error in D caused by the aircraft's field is less than 1°, and its radian measure can therefore be considered equal to the tangent. It follows then that the corresponding correction, δD , is given in radians by the following equation

$$\delta D = -d - (P \sin \psi_m + Q \cos \psi_m)/H \dots 1$$

where ψ_m signifies magnetic heading and d is a constant to absorb all errors due to instrumental misalignment. The value of d deduced from the swings was -2.42 ± 0.05 degrees. The H correction, identified as δH , is the vector sum of $-P$ and $-Q$, plus a constant term h (which was found equal to zero). Hence

$$\delta H = -h - P \cos \psi_m + Q \sin \psi_m \dots 2$$

The vertical component R , of the aircraft's permanent field is independent of heading and presumably constant, at least through the duration of a swing. Allowing for the vertical gradient, the

observed difference between a measurement of Z in the aircraft and that taken on the ground probably includes a significant instrumental error in addition to R . The two quantities cannot be determined separately; however there is no need to do so. A single constant term is used to compensate for both sources of error, but in practice this quantity is considered to consist entirely of R . Therefore the Z correction, δZ , is simply

$$\delta Z = -R \dots 3$$

Of the corrections described above, δD and δH can be improved by analyzing the corrected D and H observations for residual errors that are systematically dependent on the aircraft's heading. If the aircraft completes one flight line, then changes heading by 180° and completes an adjacent line, an error in the estimate of δH would result in consistently high values of H associated with one of these lines, and consistently low values of H associated with the other. Then if a smooth and ideally fitted reference field is subtracted from the measured H along each of these two flight lines, the mean residual value for one line will be positive by an amount equal to the error in the estimated strength of the aircraft's field in the direction of H , and the mean residual value for the other line will be negative by an equal amount. By similar reasoning, a poor estimate of the aircraft field in the magnetic east-west direction will yield D residuals which are positively or negatively biased, depending on the direction in which the line was flown.

In this analysis the D and H residuals were obtained by subtracting the International Geomagnetic Reference Field (IGRF, see references IAGA 1969 and IAGA 1971) from the corresponding swing-corrected five-minute averages. However, the IGRF does not fit the observed geomagnetic field well enough for the test to be applied exactly as described above. For example, over most of the area near the southern edge of the survey, the average level of the actual geomagnetic H component is approximately 100 gammas higher than IGRF

(see Figure 12). This amount of offset in the residual H values is somewhat greater than that due to heading dependent errors, but assuming that the residuals along two adjacent lines are equally offset by the misfit, the heading-dependent error can be estimated by comparing their mean values. If the lines were flown in opposite directions the error will increase one mean, and reduce the other by an equal amount. Thus the difference between the two means is twice the difference between the actual component of the aircraft field parallel to H and the value of that component as deduced from the swings.

By a similar comparison of the means of D residuals along adjacent flight lines, the error in the swing-derived value of the aircraft field component perpendicular to H (in the horizontal plane) can be estimated. Then the two orthogonal error vectors can be resolved in the direction of the aircraft's forward and transverse axes to yield an estimate of the error in the assumed values of P and Q .

This method was applied to the D and H residuals along 66 flight lines which were selected in suitable pairs. The errors thus indicated were processed by least-squares to derive an improved estimate of the aircraft's horizontal field, namely $P = 100\gamma$ and $Q = 119\gamma$. Using these values in Equation 2, the rms difference between the calculated correction δH and the residual-derived estimates is 41γ , whereas δH calculations according to the swing-derived P and Q differed from the swing observations by 67γ rms. The improved estimates of P and Q were adopted in arriving at the five-minute averages of D and H listed in the Appendix to this report and presented graphically in the various figures.

Approximately two thirds of the Z values reported herewith were derived from the proton magnetometer measurements of Total Intensity F, combined with corrected values of H from the fluxgate magnetometer, using the relationship $Z^2 = F^2 - H^2$. The rms difference between these Z values and the corrected fluxgate Z is 46γ , or the equivalent of 11 per cent change in the vertical component of the aircraft's field

at the fluxgates. Since the proton sensor is located in a tail stinger where the aircraft's magnetic field was found to be much smaller ($16 \pm 9\gamma$), and the PPM is free from drift, the Z values derived from it are undoubtedly more accurate. Unfortunately the proton magnetometer did not function continuously through the survey and for the time intervals during which it was out of order the values of Z are derived from the fluxgate magnetometer.

In addition the Z and H data have been adjusted to values at sea level. For this purpose the observed components were assumed to diminish as the inverse cube of the distance from the earth's centre. To the level of the highest altitudes flown, this gradient is adequately approximated as -0.047 per cent of the geomagnetic component per kilometre of altitude. This simple reduction to sea level was adopted because the convenience in applying or removing it outweighs the uncertain error in ascribing a geocentric dipole gradient to the non-dipole part of the field which, at a maximum, may be 6 per cent of that observed at flight altitude.

The overall accuracy of the survey data was tested by finding the points where two flight lines intersect and then comparing the two values observed for each geomagnetic component. Both half-minute averages and five-minute averages centred on the points of intersection were compared. The discrepancies (or differences, ignoring sign) are summarized in Table I. Since each discrepancy combines the errors from both intersecting lines, the rms discrepancy divided by $\sqrt{2}$ (given in Table I) would be a good estimate of

the standard error of the data if there was a large number of intersections and they were randomly distributed. However there was at most 18 intersections which provided valid comparisons and this small sampling was not random. Therefore Table I is presented merely as a rough indication of the quality of the data. The figures reflect the combined effect of all the sources of error, i.e. magnetometer and platform inaccuracy, uncertainties in the aircraft field, navigation errors and temporal geomagnetic variations. The measurement of D is subject to further inaccuracy because of more complex instrumentation, and also because of the error in astronomical bearings observed by sextant and in calculations of azimuth using geographical positions which are themselves subject to error.

Consideration was given to the possibility of reducing the errors due to diurnal variation and geomagnetic disturbances. Whitham and Niblett (1961) have made estimates of this type of error and the improvement that may be achieved by applying corrections based on temporal variations monitored at ground stations within the area of this survey. Their investigations showed that between two stations the rms difference in the time-variant part of total intensity increased with distance, at least up to 100 miles where it became as large as the time-variant part itself. Thus it would appear that no improvement of the data could be achieved by applying corrections based on the variations recorded at a magnetic observatory located 100 miles or more from the points of observation. This conclusion is supported by Morley (1953) who found that errors resulting

Table I. Statistics of Discrepancies Between Averages Centred on Line Intersections

Component	half-minute averages			five-minute averages		
	no.	mean	rms/ $\sqrt{2}$	no.	mean	rms/ $\sqrt{2}$
H	17	78	65	12	61	59
Z	17	40	41	14	59	54
F	17	36	35	17	53	47
D	18	43	44	13	39	43

no. = number of intersections involved.

mean and rms/ $\sqrt{2}$ values are in gammas for H, Z, and F; in degrees for D.

from temporal variations at one station could not be significantly reduced by corrections derived from the variations observed either 87 miles away at roughly the same latitude or 130 miles away on the same longitude. A similar result was obtained in using observatory magnetograms to derive time-varying corrections to the observations made at 70 intersections that occurred during a three-component airborne survey of northern Europe (Hannaford and Haines, 1969). The rms discrepancy for the corrected data was virtually the same as that for the uncorrected data, in all three components. In the latter case the greatest distance to the nearest magnetic observatory was 320 km (190 miles) compared with approximately 1,600 km in the case of this survey. In view of the wide-ranging distances involved it is extremely doubtful that the accuracy of the data from this survey could be improved by adjustment according to the information available from ground stations, and it is indeed quite possible that the errors might be thus increased. Consequently no attempt was made to correct the data for diurnal variation or geomagnetic disturbances.

Survey results

The five-minute averages of the geomagnetic elements and their corresponding geographical positions are listed in the Appendix.

The same values of D, H, and Z were used as computer input data to produce a contoured map for each of the three components. The General Purpose Contouring Program (GPCP) is a CALCOMP computer software package developed and marketed by California Computer Products, Inc.

In determining the configuration and smoothness of the contours this program subjects the input data to a degree of smoothing which depends on two parameters specified by the user. The smoothing parameters chosen in this case produced satisfactory results over the larger part of the survey area where the flight lines were spaced 20 nautical miles apart. However, over the Pacific Ocean, where every alternate survey line extends

beyond the continental shelf and the data density is therefore reduced by a factor of one-half, the same degree of smoothing yielded contours with undulations of short wavelength and curvatures which suggested more detail than was justified by the accuracy and distribution of the source data. These features were smoothed out by hand while the original contours over the area of higher density were unaltered. The resulting maps of D, H, and Z are shown in Figures 2, 3 and 4. Figure 5 is a contoured map of anomalies in the vertical component Z, derived by subtracting IGRF values of Z from the corresponding five-minute averages. The differences (Z residuals) were then put into the Calcomp GPCP contouring program with the same values of smoothing parameters as were used for D, H, and Z.

To indicate the amount of smoothing applied to the data in arriving at the four contoured maps presented here, in Figure 6 the profiles of instantaneous Z residuals along two survey lines are shown for comparison with (a) the five-minute averages and (b) the contour map cross-sections along the same two lines. Obviously there is considerable relief due to anomalies less than 40 km in width and ranging up to 300 gammas in amplitude along most of the unsmoothed profiles, and this relief is severely reduced or completely removed by the five-minute averaging. The additional low-pass filtering introduced by the contouring program extends with diminishing effect up to wavelengths of 80 to 100 km, depending also on the extent of the anomaly in the direction perpendicular to the profile.

The unsmoothed profiles are characterized over the Pacific (left side of Figure 6) by a continuous sequence of positive and negative anomalies, each 10 to 40 km in width. In a previously published, lightly-smoothed version of the Z anomaly map (Haines *et al.*, 1971) these anomalies were shown to form a striped pattern of magnetic lineations with a north-south trend similar to those revealed by earlier surveys of the northeast Pacific (Raff and Mason, 1961; Pitman and Hayes, 1968). They are readily explained by the hypothesis of

seafloor spreading proposed by Vine and Matthews (1963). As usual, the lineations were somewhat imperfect because of factors which tend to obscure and distort them. One of these factors is the irregular pattern of background anomalies which emerges clearly in Figure 5, where the heavier smoothing has removed all evidence of the lineations. The remaining pattern is characterized mainly by a scattering of roughly oval anomalies, both positive and negative. They may be caused by a distribution of serpentinized peridotite intrusions in the oceanic crust. Serpentinized rocks dredged from the sides of deep scarps near the mid-Atlantic ridge have an average natural remanent magnetization (NRM) of 23×10^{-4} emu cm^{-3} ; quite significant in comparison with the NRM ($\approx 50 \times 10^{-4}$ emu cm^{-3}) of submarine lavas forming the thin upper part of oceanic crustal layer 2, which is the main source of magnetic lineations, and considerably greater than the NRM ($\approx 0.3 \times 10^{-4}$ emu cm^{-3}) of the metabasalts and metagabbros which form the underlying and somewhat thicker layer 3. (See, for example, Aumento, 1972, on the composition and structure of oceanic lithosphere, and Irving *et al.*, 1970, on the magnetic properties of dredged samples.)

Over the Pacific area of the present Z anomaly map, the only prominent trend appears as a negative trough running east-west in the vicinity of latitudes 47°N and 48°N , west of longitude 129°W . The axis of this trough coincides closely with the Sedna fracture zone as proposed and located by Atwater and Menard (1970). However there is no similar indication of possible fracture zones farther north in the Gulf of Alaska, although Pitman and Hayes (1968), and Atwater and Menard (1970) have used offsets in the magnetic lineations to show that at least two such fracture zones probably exist. Moreover it is quite evident that the smoothed Z anomaly field is somewhat flatter in the northern part of the Gulf of Alaska than it is in the southern part below latitude 55°N .

The anomaly pattern over the continental area is basically unchanged by the smoothing which was applied. The

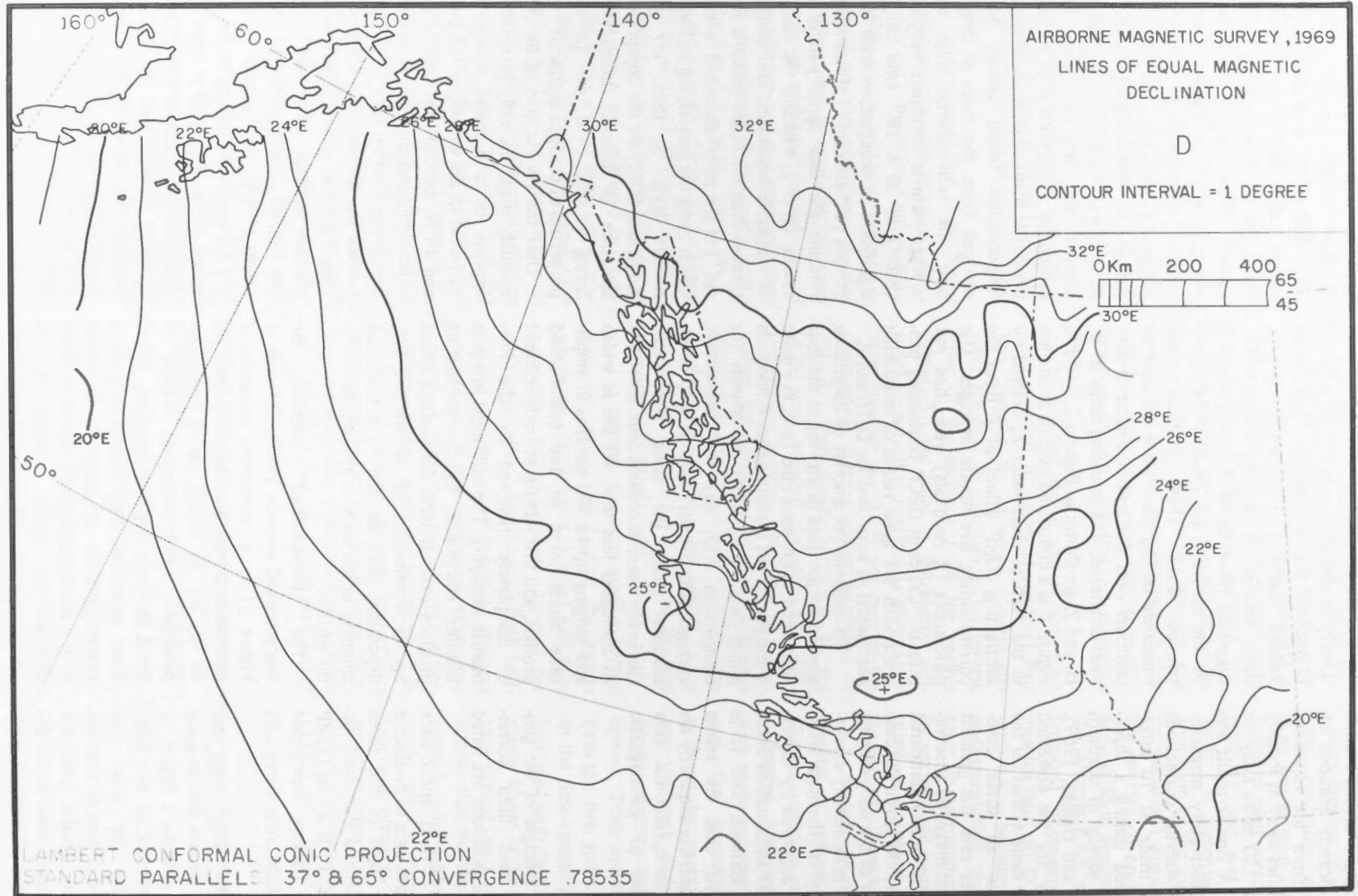


Figure 2. A contour chart of magnetic Declination.

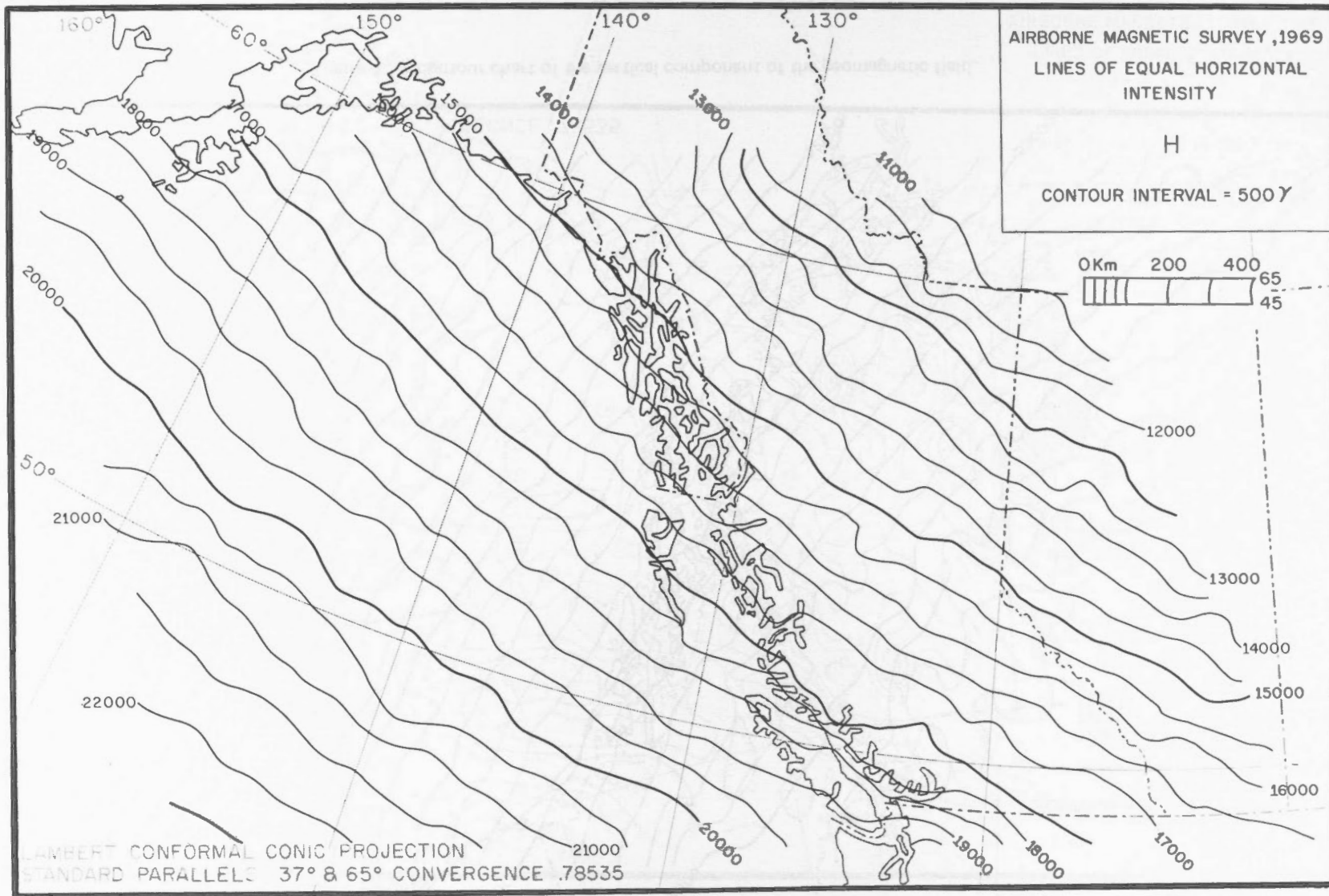


Figure 3. A contour chart of the horizontal component of the geomagnetic field.

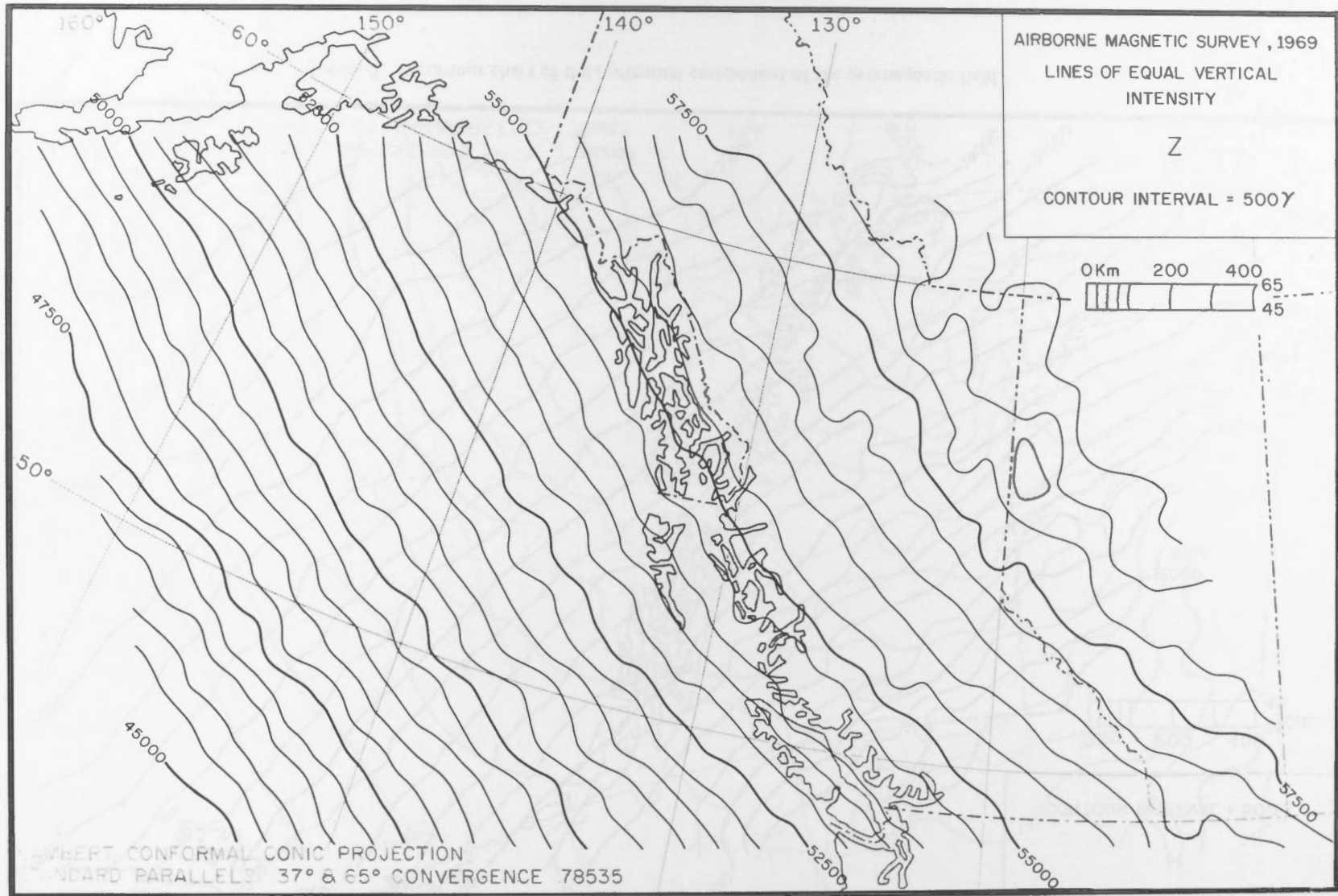


Figure 4. A contour chart of the vertical component of the geomagnetic field.

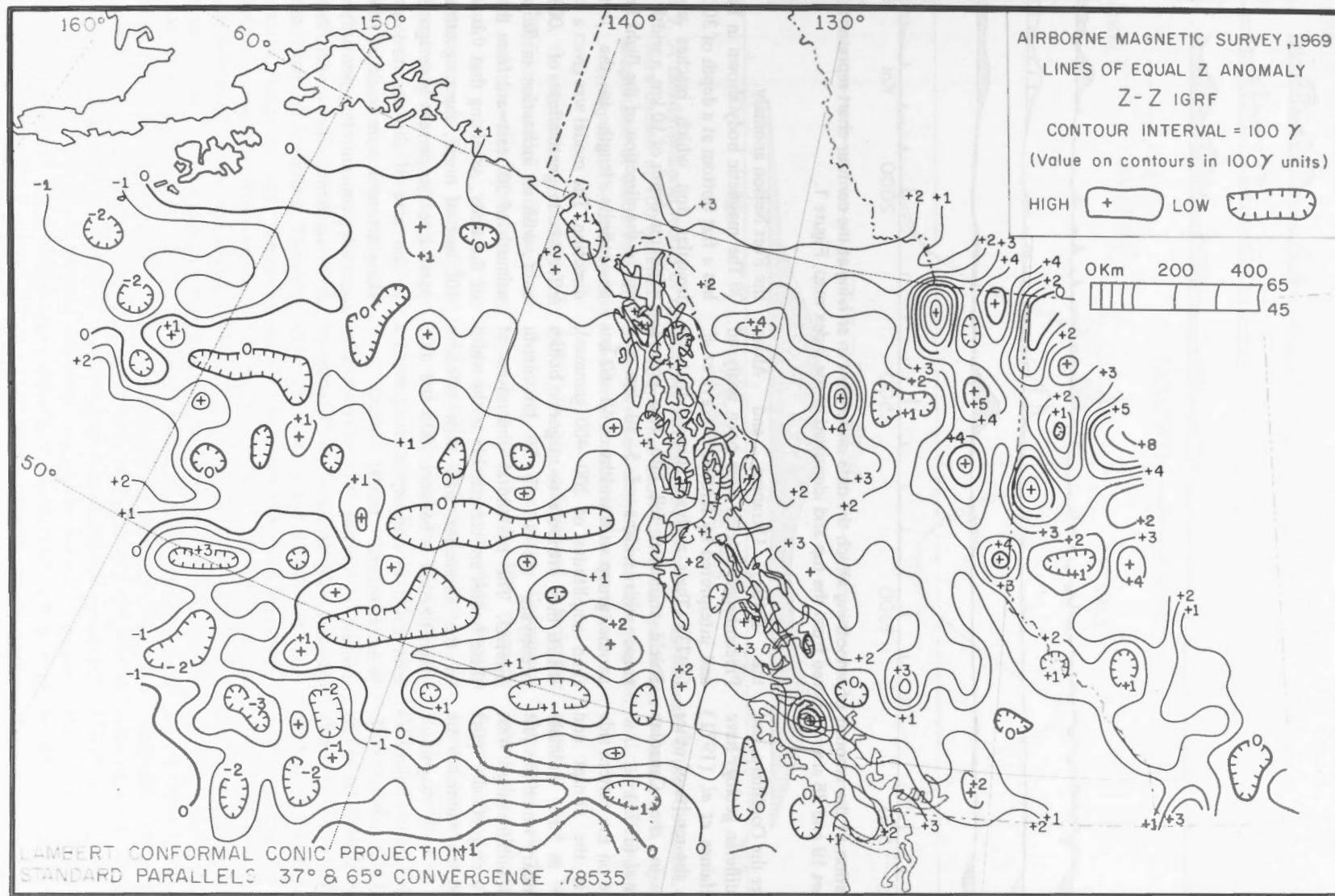


Figure 5. A contour chart giving a highly-smoothed indication of the IGRF residual anomalies in the vertical component of the geomagnetic field.

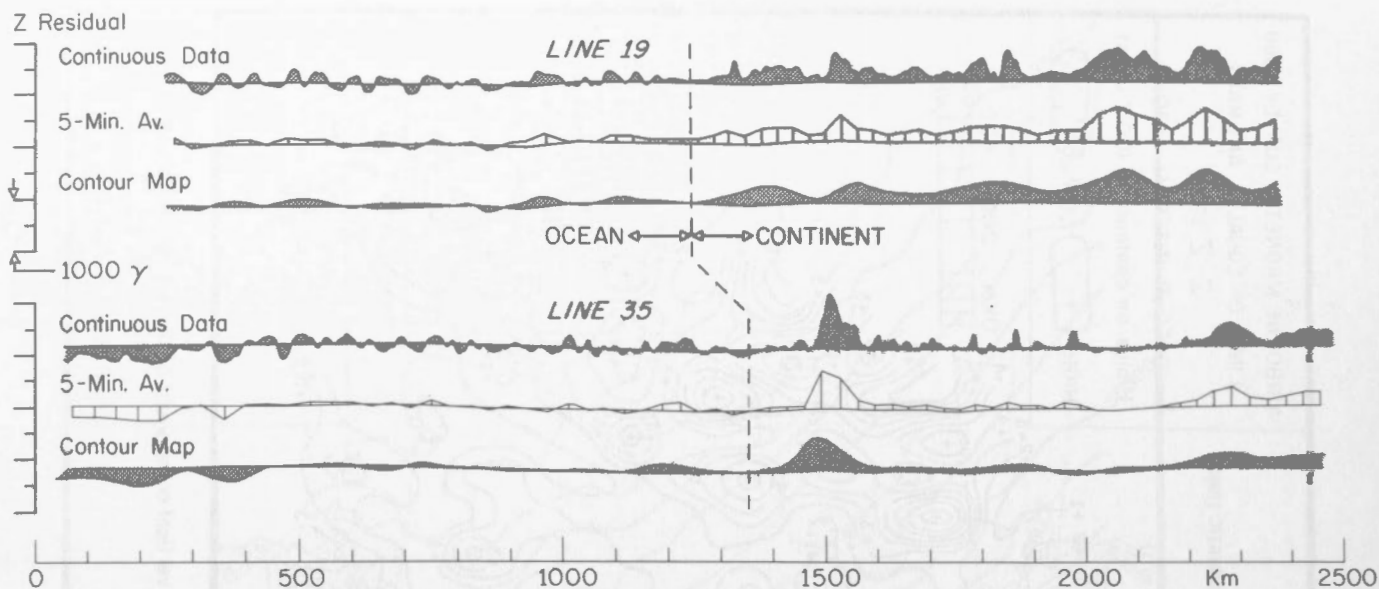


Figure 6. An illustration of the amount of smoothing which the data underwent in arriving at the contour chart representations. Survey lines 19 and 35 are numbered from the top and identified in the index map, Figure 1.

magnetic features over the Cordillera, and their relation to Cordilleran geology have been discussed by Haines *et al.* (1971) and assimilated with the results of other geophysical studies in the Canadian Cordillera by Berry *et al.* (1971).

An obvious feature on the eastern side of the Cordillera is the abrupt and pronounced change in the anomaly pattern across a boundary which lies just west of the Rocky Mountains range. West of this boundary is a magnetically quiet zone and east of it the anomalies are exceptionally large in both magnitude and breadth. Here, the positive anomalies rise to peaks of 500-800 gammas, quite high considering the altitude at which they were observed. The peaks are closely clustered and merge at their bases to form elongated, magnetically high ridges with a general northerly or northeasterly trend extending to the northeast corner and eastern edge of the survey area where the central plains comprise 2 to 3 km of sediments overlying the Precambrian basement rock. It seems most probable that the sources of the large, broad anomalies lie deep within the buried Precambrian Shield, and that this Shield extends at depth to the boundary where the magnetically quiet zone begins.

The magnetic anomaly patterns over

the Baltic, Ukrainian and Aldan Precambrian Shields have been analyzed and interpreted by Krutikhovskaya *et al.* (1973). Their analyses showed that the Shield anomalies fell into two groups, those with widths of 5-10 km and another group with widths of 40-80 km (and amplitudes of 200-400 gammas), which they attribute to magnetic bodies occupying the 10 to 30 km depth interval. The horizontal dimensions of these bodies are comparable to the width of the anomalies, and their effective magnetization is between .002 and .005 emu cm⁻³. In comparison, we present a two-dimensional model which was derived by fitting the corresponding anomaly to a section of profile observed over the Shield zone, along the 420 kilometres at the east end of line 10 (see index map, Figure 1). It begins at (126°40'W, 58°57'N) above the Rocky Mountains in northeastern British Columbia, and runs eastward across the foothills and onto the plain, ending at (118°48'W, 59°28'N) in the northwest corner of Alberta. The town of Fort Nelson, B.C. is 46 km south of the profile and within the 100 km x 200 km area covered by a great magnetic high which rises to 700 gammas above the average field in the surrounding region. We call it

the Fort Nelson anomaly.

The magnetic body shown in Figure 7 has a flat bottom at a depth of 30 km, an irregular top which reaches up to a minimum depth of 10 km, a width of 310 km in the direction of the flight line, and an infinite length in the transverse direction. The model was given a uniform effective magnetization of .006 emu cm⁻³, with an inclination of 78° and an azimuth of 20° eastward from the strike of the body. Assuming that this strike is 10° east of north, the magnetization is parallel to the present geomagnetic field in the area of the observed anomaly. Many attempts were made at fitting the anomaly, concentrating primarily on the Z component. The model shown in Figure 7 is one of the more successful attempts, but an equally good fit is obtained with shallower models if the body is very slightly altered in shape and the magnetization is reduced by a small fraction. The shallowest plausible model is that where the uppermost surface of the body coincides with the top of the Precambrian. In this case the minimum depth is 3 km and the effective magnetization becomes .005 emu cm⁻³. Obviously the shape of other two-dimensional bodies with an irregular bottom surface could be made to

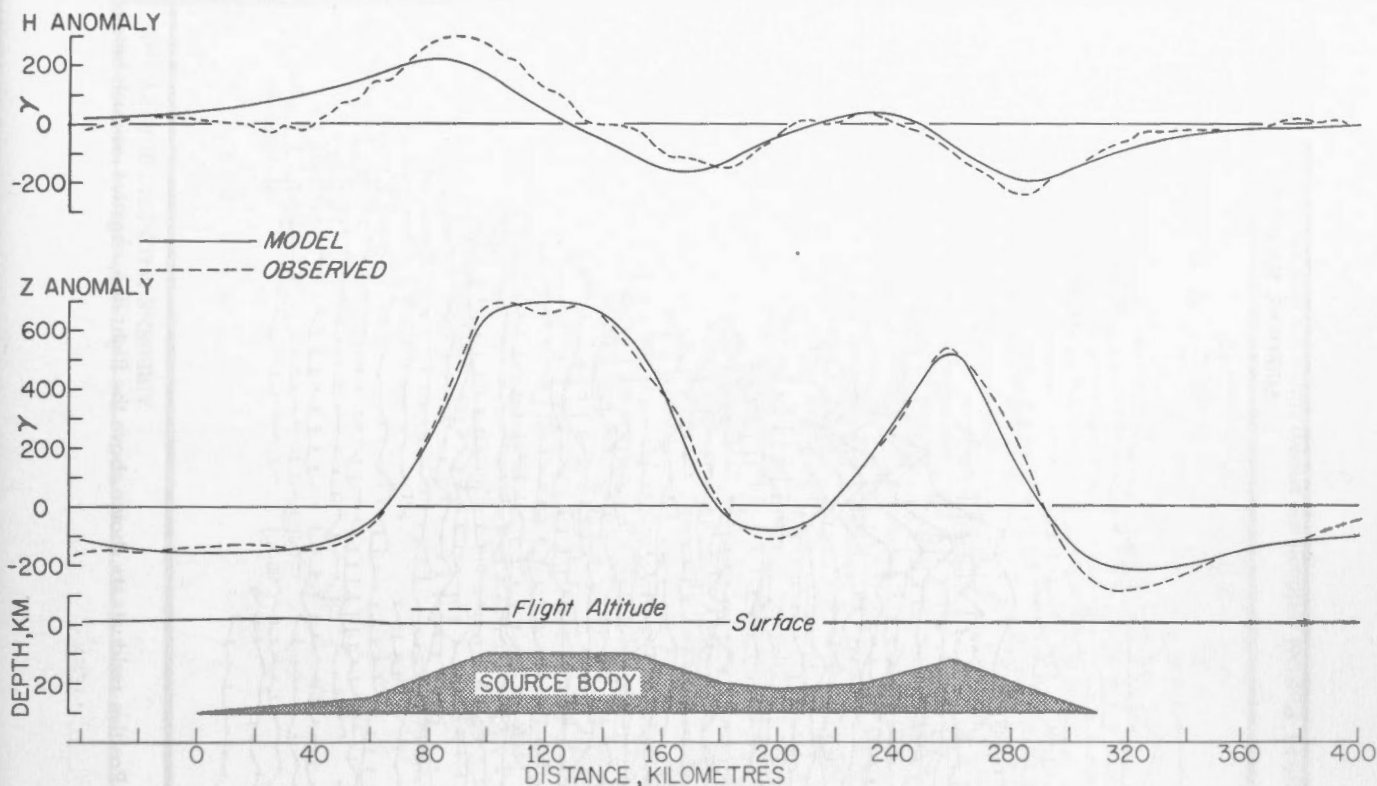


Figure 7. A two-dimensional model of the Fort Nelson magnetic anomaly in northeastern British Columbia. Zero-intensity levels were chosen at 100 gammas and 215 gammas above IGRF for the H and Z components respectively. The body is magnetized at $0.006 \text{ emu cm}^{-3}$ in the direction of the present geomagnetic field. Surrounding rock is assumed to be non-magnetic. The body section is shown with no vertical exaggeration.

generate a satisfactory anomaly. A three-dimensional model would be more realistic, and since the anomaly is then generated by a finite volume, the magnetization must be at least slightly greater and the body, if anything, deeper in comparison with the two-dimensional models. Alternatively, removing the constraint of uniform magnetization would of course allow a countless number of additional possibilities. However, without rigorously exploring the more complex models it is sufficiently evident that if the total magnetization of the hypothetical body is to be kept below an exceptionally high level for that of known Precambrian platform rocks, the resulting model must be extraordinarily thick and massive, extending down to remarkable depths of 20 to 30 km, perhaps even deeper if the Curie point depth has not already been reached. In many respects the situation here is quite similar to that described by Riddihough

(1972) in his analysis and interpretive discussion of the great Kopparberg anomaly, a very broad $+500\gamma$ magnetic high centred over west-central Sweden and straddling the boundary between the exposed Baltic Shield and the Caledonian orogen. In this work Riddihough presents four models with lens-shaped cross-sections. Three of these are uniformly magnetized at .0040, .0032 and .003 emu cm^{-3} . The first extends from 2.5 to 17.5 km in depth, while the two weaker models reach from ground level to 22.5 km depth at their thickest point. In comparison the Fort Nelson anomaly is 200γ greater in amplitude and the source body must on the average be about 60 per cent greater in bulk magnetization or thickness, or a compromised combination of both.

Apparently anomalies of this type are not uncommon in Shield areas. If the real source of the Fort Nelson anomaly is as deep as the model in Figure 7, the

question arises as to whether the top of the body coincides with the Conrad seismic discontinuity. To our knowledge, however, there is yet no evidence of the Conrad discontinuity in that area.

The IGRF was subtracted from the five-minute averages to obtain the residual values of D, H, Z, and F that are shown as profiles in Figures 8 to 11. In each of these profile charts it is evident that the residuals are predominantly positive over a part of the survey area and predominantly negative over another part. For example, the Z and F residuals exhibit a positive bias in the northeast and a negative bias in the southwest. In these same areas the H residuals have the opposite bias. The effect occurs because the IGRF, being an eighth-order series of spherical harmonics, is incapable of representing wavelengths shorter than 5,000 km. In comparison, the longest survey lines are only half as long as this low-wavelength cutoff. Thus the consis-

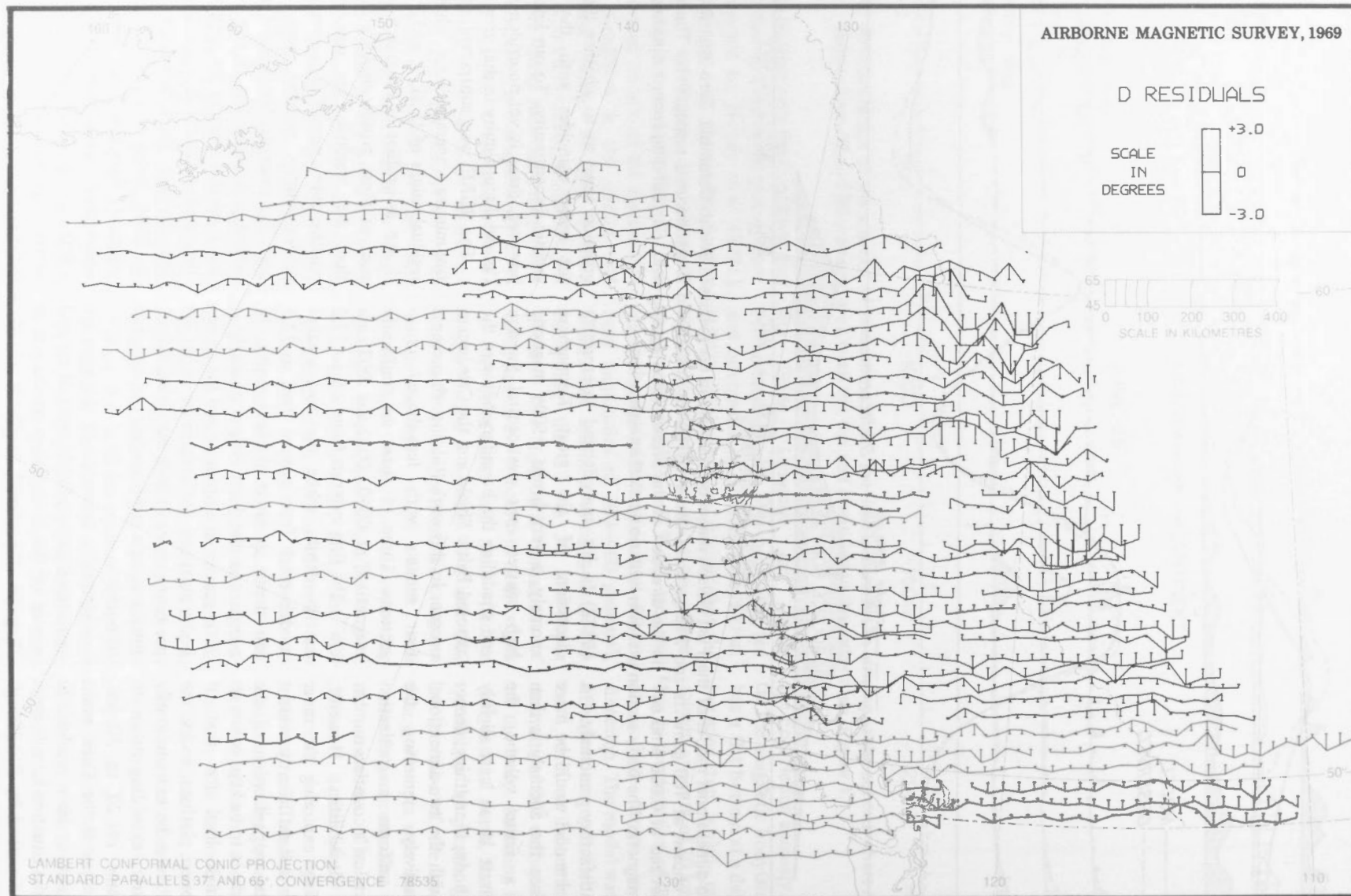


Figure 8. Profiles of the five-minute averaged Declination residuals (D minus IGRF). Positive residuals are shown above the flight line, negative residuals below.

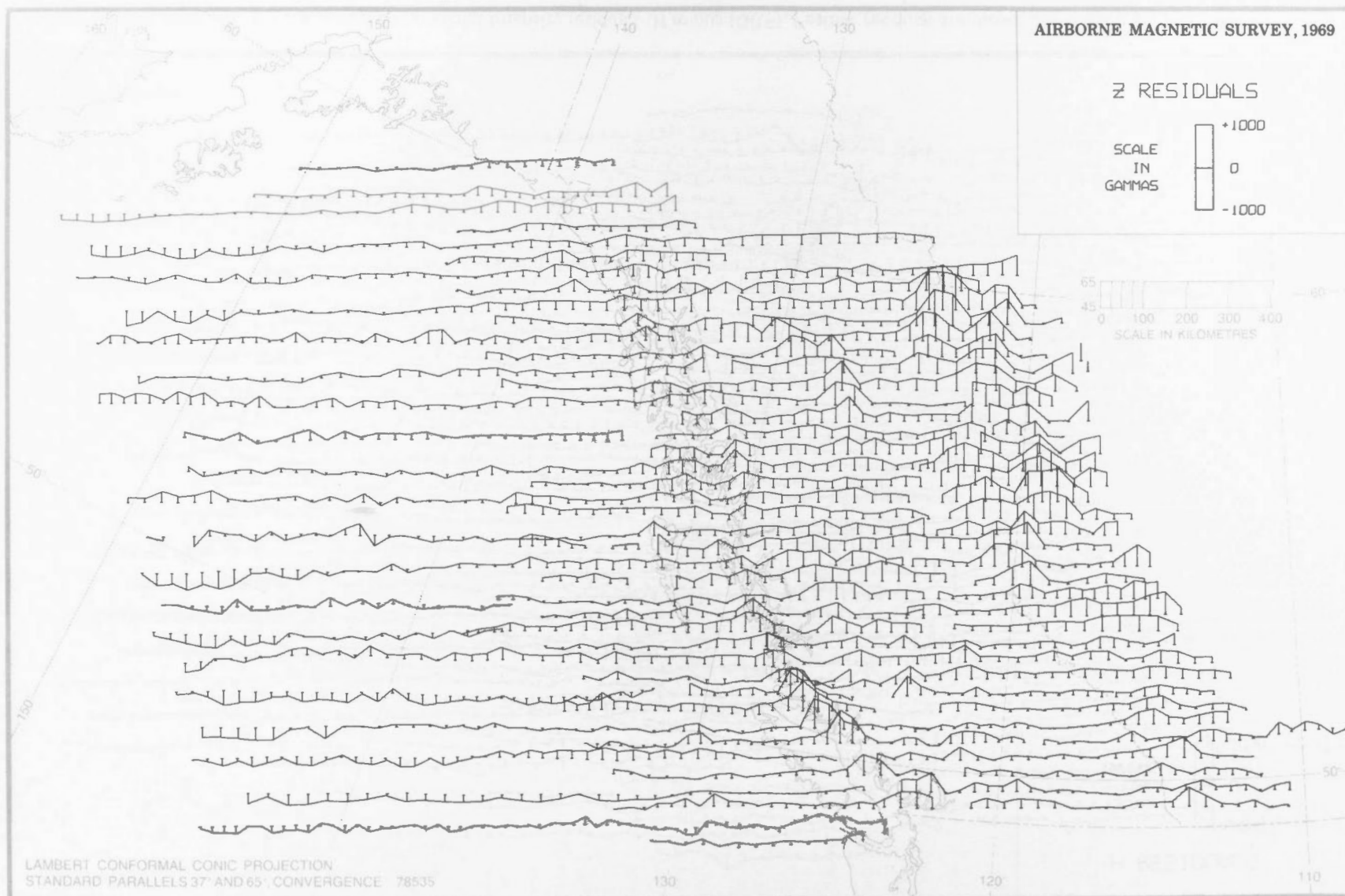


Figure 10. Profiles of the five-minute averaged Vertical Intensity residuals (Z minus IGRF). Positive residuals are shown above the flight line, negative below.

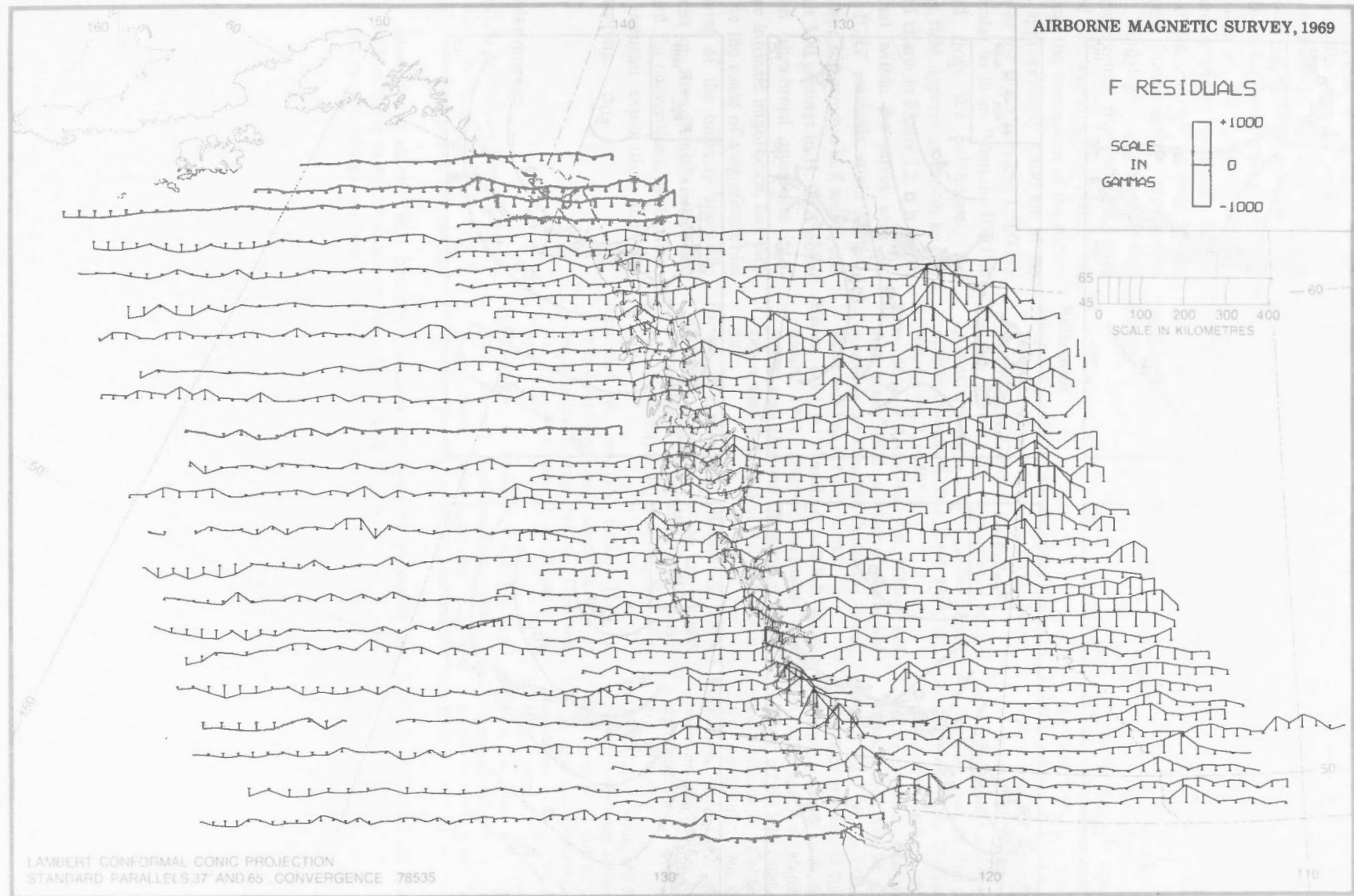


Figure 11. Profiles of the five-minute averaged Total Intensity residuals (F minus IGRF). Positive residuals are shown above the flight line, negative below.

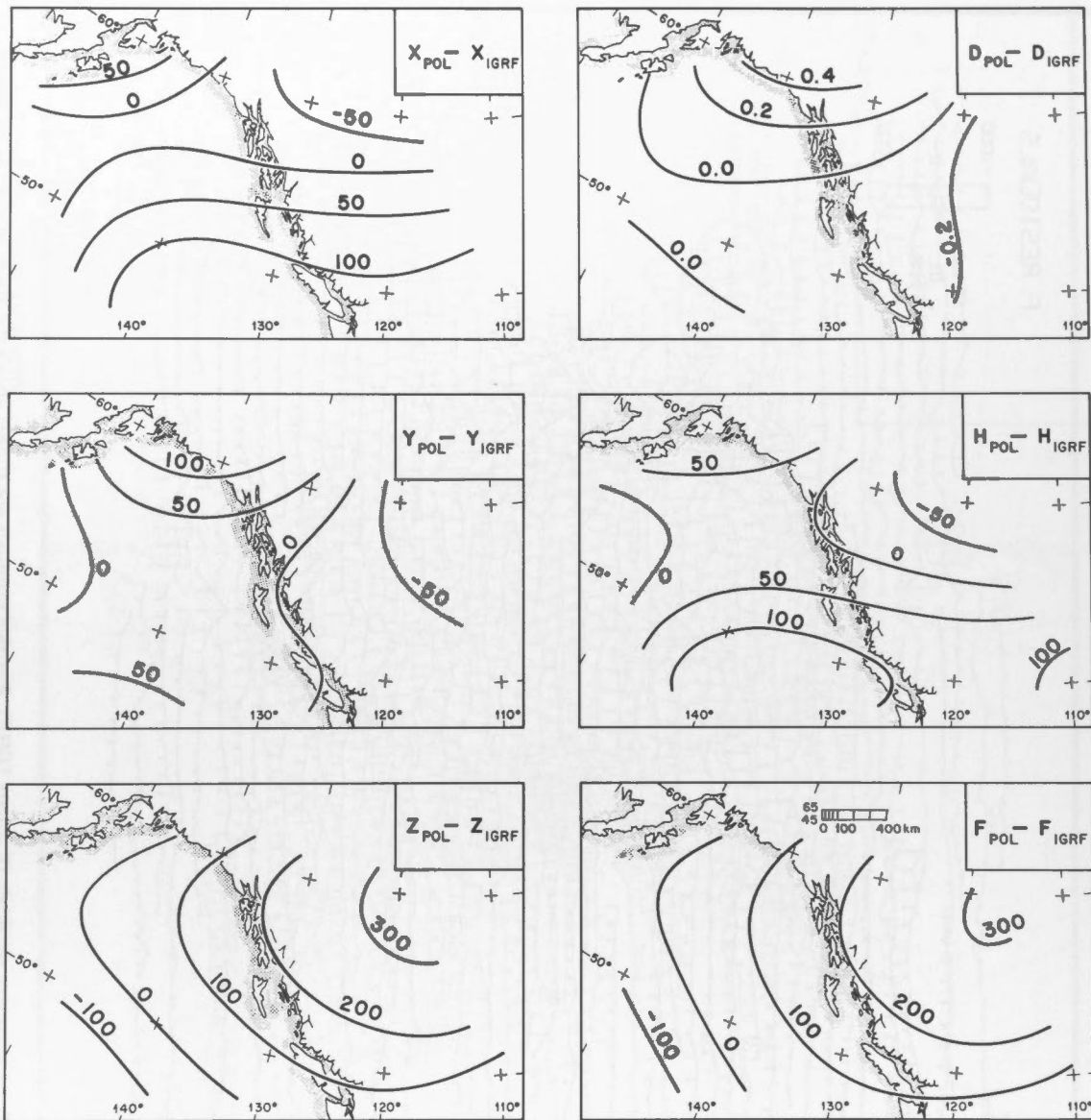


Figure 12. Contours showing the difference between the regional field and IGRF in six geomagnetic components. Declination D is indicated in degrees; all other components are in gammas. The regional field is assumed to be a 3rd-degree polynomial (POL) fitted by least-squares to the survey data.

tent offset appearing in some of the residual profiles must be considered as part of an anomaly that covers an area which could be as large as that of the survey. The effect within the survey area of anomalies in the 2,000–50,000 km wave band is shown in Figure 12. In arriving at the contours for each of the geomagnetic components represented here, a third-degree polynomial will closely approximate that part of the field comprised of wavelengths equal to or greater than the dimensions of the survey area, i.e. approximately 2,400 km in the direction of the flight lines and 1,500 km perpendicular to them. When the IGRF is subtracted from the polynomial, the remaining field appears as shown by the contoured charts in Figure 12. It is worth noting that within the survey area the broadest IGRF residuals attain a maximum of over 300 gammas in Z and F, and more than 100 gammas in H. On a global scale such ultra-broad anomalies must bear some intrinsic importance, but they can also be the cause of a significant bias in the level of the ordinary anomalies which exist on a much smaller scale and are studied for conventional applications such as mineral exploration and geological mapping.

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References

- Atwater, T., and H.W. Menard. 1970. Magnetic lineations in the northeast Pacific. *Earth Planet Sci. Lett.*, Vol. 7, No. 5, p. 445.
- Aumento, F. 1972. The oceanic crust of the Mid-Atlantic Ridge at 45°N., in *The ancient oceanic lithosphere. Pub. Earth Phys. Br.*, Vol. 42, No. 3, p. 49.
- Berry, M.J., W.R. Jacoby, E.R. Niblett, and R.A. Stacey. 1971. A review of geophysical studies in the Canadian Cordillera. *Can. J. Earth Sci.*, Vol. 8, No. 7, p. 788.
- Haines, G.V., W. Hannaford, and R.P. Riddihough. 1971. Magnetic anomalies over British Columbia and the adjacent Pacific Ocean. *Can. J. Earth Sci.*, Vol. 8, No. 3, p. 387.
- Haines, G.V., and W. Hannaford. 1972. Magnetic anomaly maps of British Columbia and the adjacent Pacific Ocean. *Pub. Earth Phys. Br.*, Vol. 42, No. 7, p. 215.
- Hannaford, W., and G.V. Haines. 1969. A three-component aeromagnetic survey of the Nordic countries and the Greenland Sea. *Pub. Dom. Obs.*, Vol. 37, No. 5, p. 115.
- Hannaford, W., F. Andersen, and P.H. Serson. 1967. A new three-component airborne magnetometer, paper presented at 14th General Assembly of IUGG, Switzerland. (Abstract only, *Int. Assoc. Geomag. and Aeronomy*, Bull. No. 24, p. 48.)
- IGA Commission 2, Working Group No. 4. 1969. Analysis of the geomagnetic field, the International Geomagnetic Reference Field. *J. Geophys. Res.*, Vol. 74, p. 4407.
- IGA Commission 2, Working Group No. 4. 1971. IGRF 1965.0, in *World Magnetic Survey 1957-1969*, A. Zmuda ed., p. 186, IAGA Bull. No. 28.
- Irving, E., W.A. Robertson, and F. Aumento. 1970. The mid-Atlantic Ridge at 45°N. VI Remanent intensity, susceptibility and iron content of dredged samples. *Can. J. Earth Sci.*, Vol. 7, No. 2, p. 226.
- Krutikhovskaya, Z.A., I.K. Pashkevich, and T.N. Simonenko. 1973. Magnetic anomalies of Precambrian Shields and some problems of their geological interpretation. *Can. J. Earth Sci.*, Vol. 10, No. 5, p. 629.
- Morley, L.W. 1953. The areal distribution of geomagnetic activity as an aeromagnetic survey problem near the auroral zone. *Trans. A.G.U.*, Vol. 34, p. 836.
- Pitman, W.C. III, and D.E. Hayes, 1968. Sea-floor spreading in the Gulf of Alaska. *J. Geophys. Res.*, Vol. 73, No. 20, p. 6571.
- Raff, A.D., and R.G. Mason. 1961. Magnetic survey off the west coast of North America, 40°N latitude to 52°N latitude. *Bull. Geol. Soc. Amer.*, Vol. 72, No. 8, p. 1267.
- Riddihough, R.P. 1972. Regional magnetic anomalies and geology in Fennoscandia: a discussion. *Can. J. Earth Sci.*, Vol. 9, No. 3, p. 219.
- Serson, P.H., S.Z. Mack, and K. Whitham. 1957. A three-component airborne magnetometer. *Pub. Dom. Obs.*, Vol. XIX, No. 2, p. 15.
- Vine, F.J., and D.H. Matthews. 1963. Magnetic anomalies over ocean ridges. *Nature*, Vol. 199, p. 947.
- Whitham, K., and E.R. Niblett. 1961. The diurnal problem in aeromagnetic surveying in Canada. *Geophysics*, Vol. 26, No. 2, p. 211.

Appendix

Airborne Geomagnetic Survey Data
(All magnetic results apply to sea level)

Heading	Explanation
FL	Flight number as listed on index maps
LAT	Latitude in degrees and minutes (4558 N \equiv 45° 58'N)
LONG	Longitude in degrees and minutes (7757 W \equiv 77° 57'W)
ALT	Altitude in feet above sea level
GMT	Greenwich mean time in hours and minutes (1445 \equiv 14 h 45 m)
DA	Day
MO	Month
YR	Year
D	Magnetic Declination in degrees and minutes (2054 W \equiv 20° 54'W)
H	Horizontal Intensity in gammas (1 $\gamma = 10^{-5}$ oersted)
Z	Vertical Intensity in gammas
F	Total Intensity in gammas
I	Magnetic Inclination in degrees and minutes (7319 N \equiv 73° 19'N) $I = \tan^{-1} Z/H$
X	Geographic North Component in gammas ($X = H \cos D$)
Y	Geographic East Component in gammas ($Y = H \sin D$)

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
2	4626N	8214W	9500	2100	27	1	69	558W	14693	57632N	59475	7541N	14613N	1530W
2	4625N	8239W	9500	2105	27	1	69	556W	14658					
2	4643N	8505W	9500	2135	27	1	69	326W	14777	57973N	59827	7541N	14751N	887W
2	4652N	8528W	9500	2140	27	1	69	244W	14475	57954N	59734	7558N	14458N	692W
2	4701N	8551W	9500	2145	27	1	69	222W	14542	57939N	59736	7554N	14530N	603W
2	4710N	8614W	9500	2150	27	1	69	205W	14624	57994N	59810	7550N	14615N	534W
2	4719N	8637W	9500	2155	27	1	69	125W	14289	58269N	59996	7613N	14284N	356W
2	4728N	8701W	9500	2200	27	1	69	113W	14109	58231N	59916	7622N	14106N	302W
2	4737N	8724W	9500	2205	27	1	69	114W	14128	58311N	59998	7622N	14124N	308W
2	4745N	8748W	9500	2210	27	1	69	32W	14158	58415N	60107	7622N	14158N	132W
2	4848N	9058W	9500	2250	27	1	69	232E	13642					
2	4855N	9122W	9500	2255	27	1	69	309E	13602					
2	4902N	9145W	9500	2300	27	1	69	310E	13794	58778N	60375	7647N	13773N	764E
2	4909N	9209W	9500	2305	27	1	69	350E	13729	58970N	60547	7653N	13698N	920E
2	4915N	9233W	9500	2310	27	1	69	507E	13360	58909N	60405	7713N	13307N	1191F
2	4955N	9527W	9500	2345	27	1	69	638E	13400	59207N	60705	7714N	13311N	1548F
2	5000N	9553W	9500	2350	27	1	69	810E	13285	59301N	60770	7722N	13150N	1890F
2	5003N	9619W	10000	2355	27	1	69	833E	13407	59350N	60845	7716N	13258N	1995F
2	5008N	9645W	13000	0	28	1	69	921E	13232	59308N	60766	7725N	13056N	2153E
2	5011N	9710W	16000	5	28	1	69	1005E	13205	59145N	60601	7724N	13000N	2315F
2	5015N	9737W	16000	10	28	1	69	924E	13357	59056N	60548	7715N	13177N	2184E
2	5019N	9803W	16000	15	28	1	69	938E	13425	59039N	60546	7711N	13235N	2249E
2	5022N	9829W	16000	20	28	1	69	1020E	13251	59158N	60624	7722N	13036N	2377E
2	5025N	9856W	16000	25	28	1	69	1102E	13341	59262N	60745	7718N	13093N	2555E
2	5027N	9923W	16000	30	28	1	69	1205E	13499	59050N	60574	7707N	13200N	2826E
2	5029N	9951W	16000	35	28	1	69	1213E	13594	59128N	60663	7703N	13285N	2879F
2	5030N	10019W	16000	40	28	1	69	1156E	13707	59226N	60791	7658N	13410N	2836E
2	5032N	10047W	16000	45	28	1	69	1357E	13764	59108N	60690	7653N	13357N	3321F
2	5033N	10115W	16000	50	28	1	69	1327E	13906	58826N	60447	7641N	13524N	3238E
2	5052N	10804W	16000	205	28	1	69	1807E	14810	58031N	59891	7540N	14074N	4609E
2	5053N	10832W	16000	210	28	1	69	1856E	14816	58079N	59939	7541N	14013N	4811F
2	5054N	10859W	16000	215	28	1	69	1854E	14913	57872N	59762	7532N	14108N	4831E
2	5055N	10927W	16000	220	28	1	69	1835F	15021	58038N	59950	7529N	14237N	4790F
2	5055N	10955W	16000	225	28	1	69	1949E	15251	58047N	60017	7516N	14347N	5172E
2	5054N	11022W	16000	230	28	1	69	1931E	15323	57818N	59814	7509N	14442N	5122F
2	5052N	11048W	16000	235	28	1	69	2005E	15368	57926N	59930	7508N	14432N	5281E
2	5050N	11114W	16000	240	28	1	69	2011E	15568	57553N	59621	7451N	14612N	5371E
2	5049N	11140W	16000	245	28	1	69	2003E	15504	57502N	59556	7454N	14564N	5316E
2	5048N	11207W	16000	250	28	1	69	2026E	15641	57492N	59582	7446N	14657N	5460E
2	5047N	11233W	16000	255	28	1	69	2022E	15596	57444N	59524	7448N	14621N	5428E
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2	5048N	11326W	16000	305	28	1	69	2139E	15733	57340N	59459	7439N	14622N	5807E
2	5049N	11353W	16000	310	28	1	69	2138E	15787	57082N	59225	7432N	14674N	5822F
2	5049N	11421W	16000	315	28	1	69	2154E	15939	56996N	59183	7422N	14788N	5947E
2	5049N	11448W	16000	320	28	1	69	2214E	16088	56871N	59103	7412N	14891N	6088E
2	5049N	11515W	16000	325	28	1	69	2204E	16191	56735N	59000	7404N	15004N	6085E
2	5049N	11543W	16000	330	28	1	69	2153E	16258	56830N	59110	7402N	15085N	6062E
2	5048N	11611W	16000	335	28	1	69	2241E	16353	56575N	58891	7352N	15086N	6310F
2	5047N	11639W	16000	340	28	1	69	2238E	16476	56353N	58713	7342N	15206N	6344E
2	5046N	11709W	16000	345	28	1	69	2245E	16501	56249N	58619	7339N	15216N	6384E
2	5045N	11739W	16000	350	28	1	69	2244E	16556	56147N	58537	7334N	15267N	6402F
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2	5042N	11838W	16000	400	28	1	69	2253E	16771	55952N	58411	7318N	15449N	6524F
3	5125N	12653W	15100	1850	30	1	69	2457E	17285	54158N	56849	7217N	15670N	7294F
3	5127N	12621W	15100	1855	30	1	69	2519E	17199	54297N	56956	7225N	15546N	7358E
3	5128N	12549W	15100	1900	30	1	69	2508E	17148	54333N	57005	7223N	15614N	7328F
3	5130N	12517W	15100	1905	30	1	69	2516E	17388	54562N	57266	7219N	15724N	7424E
3	5133N	12445W	15100	1910	30	1	69	2508E	17157	54874N	57494	7238N	15532N	7287E

A THREE-COMPONENT AEROMAGNETIC SURVEY OF BRITISH COLUMBIA AND THE ADJACENT PACIFIC OCEAN

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
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3	5140N	12344W	15100	1920	30	1	69	2549E	16996	55245N	57800	7253N	15299N	7404E
3	5144N	12315W	15100	1925	30	1	69	2458E	16829	55612N	58103	7309N	15256N	7104E
3	5148N	12245W	15100	1930	30	1	69	2452E	16713	55489N	57952	7314N	15162N	7031E
3	5152N	12215W	15000	1935	30	1	69	2446E	16754	55667N	58134	7314N	15211N	7021F
3	5154N	12144W	15000	1940	30	1	69	2513E	16563	55945N	58346	7330N	14984N	7056E
3	5157N	12113W	15000	1945	30	1	69	2356E	16465	56166N	58530	7339N	15048N	6683E
3	5159N	12041W	15000	1950	30	1	69	2419E	16186	56145N	58432	7355N	14748N	6669E
3	5201N	12008W	15000	1955	30	1	69	2430E	16108	56250N	58511	7401N	14658N	6680F
3	5202N	11935W	15000	2000	30	1	69	2438E	15928	56448N	58653	7414N	14477N	6643E
3	5204N	11902W	15000	2005	30	1	69	2419E	15936	56527N	58730	7415N	14521N	6564E
3	5205N	11829W	15000	2010	30	1	69	2412E	15746	56707N	58852	7428N	14361N	6455F
3	5206N	11756W	15000	2015	30	1	69	2405E	15595	56844N	58945	7439N	14236N	6368E
3	5207N	11723W	15000	2020	30	1	69	2420E	15443	57049N	59102	7451N	14069N	6367E
3	5207N	11650W	15000	2025	30	1	69	2348E	15328	57173N	59192	7459N	14024N	6186E
3	5208N	11617W	15000	2030	30	1	69	2344F	15234	57286N	59278	7506N	13945N	6134E
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3	5208N	11508W	15000	2040	30	1	69	2334E	15114	57610N	59560	7517N	13853N	6044E
3	5208N	11435W	15000	2045	30	1	69	2258E	15040	57730N	59658	7523N	13847N	5870F
3	5207N	11401W	15000	2050	30	1	69	2228E	14864	57798N	59679	7534N	13734N	5683F
3	5207N	11328W	15000	2055	30	1	69	2216E	14757	57866N	59718	7541N	13655N	5594E
3	5206N	11255W	15000	2100	30	1	69	2159E	14686	57986N	59817	7547N	13618N	5499E
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3	5144N	11716W	16300	2210	30	1	69	2353E	16014	56789N	59004	7415N	14642N	6485E
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3	5142N	11842W	16300	2225	30	1	69	2411E	16189	56406N	58684	7359N	14768N	6633E
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3	5140N	11938W	16300	2235	30	1	69	2436E	16401	56167N	58513	7343N	14912N	6828E
3	5139N	12006W	16300	2240	30	1	69	2428E	16390	56018N	58367	7341N	14918N	6790E
3	5137N	12033W	16300	2245	30	1	69	2418E	16551	55939N	58337	7331N	15083N	6812F
3	5135N	12100W	16300	2250	30	1	69	2415E	16610	55960N	58373	7328N	15142N	6825E
3	5135N	12128W	16300	2255	30	1	69	2452E	16973	55672N	58202	7302N	15398N	7141E
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3	5133N	12223W	16300	2305	30	1	69	2431E	16941	55418N	57950	7300N	15413N	7031F
3	5130N	12251W	16300	2310	30	1	69	2441E	17067	55418N	57986	7252N	15507N	7129E
3	5127N	12318W	16300	2315	30	1	69	2453E	17286	55532N	58161	7242N	15680N	7276E
3	5124N	12346W	16300	2320	30	1	69	2515E	17441	54983N	57683	7224N	15772N	7444E
3	5108N	12316W	15200	2340	30	1	69	2454E	17225	55044N	57676	7237N	15623N	7254E
3	5111N	12242W	15200	2345	30	1	69	2432E	17176	55211N	57821	7243N	15624N	7135E
3	5113N	12208W	15200	2350	30	1	69	2410E	16909	55392N	57915	7301N	15427N	6923E
3	5115N	12134W	15200	2355	30	1	69	2450E	16852	55594N	58092	7308N	15292N	7082E
3	5118N	12059W	15200	0	31	1	69	2402E	16601	55754N	58174	7325N	15161N	6764F
3	5119N	12023W	15200	5	31	1	69	2401E	16596	55842N	58256	7326N	15158N	6757F
3	5120N	11949W	15200	10	31	1	69	2414E	16570	55919N	58323	7329N	15109N	6802F
3	5122N	11915W	15200	15	31	1	69	2400E	16363	56098N	58436	7344N	14947N	6658E
3	5123N	11840W	15200	20	31	1	69	2351E	16334	56213N	58538	7347N	14939N	6605E
3	5124N	11805W	15200	25	31	1	69	2359E	16164	56396N	58667	7400N	14768N	6572E
3	5125N	11730W	15200	30	31	1	69	2350E	16046	56538N	58771	7409N	14676N	6485F
3	5126N	11655W	15200	35	31	1	69	2351E	15986	56728N	58937	7415N	14620N	6464E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
3	5127N	11622W	15200	40	31	1	69	2330E	15807	56912N	59067	7428N	14479N	6341E
3	5129N	11548W	15200	45	31	1	69	2341E	15595	57022N	59117	7442N	14281N	6266E
3	5130N	11515W	15200	50	31	1	69	2355E	15508	57249N	59312	7450N	14176N	6288E
3	5130N	11441W	15200	55	31	1	69	2242E	15424	57444N	59479	7458N	14229N	5952E
3	5129N	11408W	15200	100	31	1	69	2226E	15352	57355N	59374	7500N	14189N	5859F
3	5128N	11334W	15200	105	31	1	69	2227E	15271	57405N	59402	7506N	14113N	5833F
3	5127N	11301W	15200	110	31	1	69	2146E	15028	57606N	59534	7522N	13955N	5576E
3	5126N	11227W	15200	115	31	1	69	2138E	15012	57742N	59662	7525N	13954N	5536E
3	5110N	11231W	16400	145	31	1	69	2123E	15156	57714N	59671	7517N	14112N	5528E
3	5110N	11300W	16400	150	31	1	69	2154E	15209	57637N	59610	7513N	14110N	5674F
3	5110N	11329W	16400	155	31	1	69	2223E	15274	57471N	59466	7506N	14123N	5818E
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3	5110N	11429W	16400	205	31	1	69	2158E	15628	57201N	59298	7443N	14493N	5846E
3	5110N	11500W	16400	210	31	1	69	2224E	15809	57295N	59436	7434N	14614N	6020E
3	5110N	11530W	16400	215	31	1	69	2303E	16020	57113N	59317	7419N	14740N	6273E
3	5109N	11559W	16400	220	31	1	69	2329E	16084	56816N	59048	7411N	14751N	6410F
3	5108N	11627W	16400	225	31	1	69	2312E	16268	56651N	58941	7358N	14952N	6409E
3	5107N	11655W	16400	230	31	1	69	2308E	16249	56491N	58782	7357N	14942N	6384F
3	5105N	11723W	16400	235	31	1	69	2333E	16401	56363N	58701	7346N	15033N	6556E
3	5103N	11750W	16400	240	31	1	69	2318E	16521	56224N	58601	7337N	15172N	6536E
3	5101N	11818W	16400	245	31	1	69	2313E	16683	56119N	58546	7326N	15332N	6578E
3	5101N	11845W	16400	250	31	1	69	2329E	16826	55961N	58436	7315N	15432N	6706F
3	5101N	11911W	16400	255	31	1	69	2326E	16878	55940N	58431	7312N	15484N	6715E
3	5101N	11938W	16400	300	31	1	69	2355E	16899	55872N	58372	7310N	15447N	6853E
3	5100N	12003W	16400	305	31	1	69	2401E	16961	55636N	58164	7302N	15491N	6906F
3	5058N	12026W	16400	310	31	1	69	2343E	16975	55627N	58160	7301N	15541N	6827E
3	5056N	12049W	16400	315	31	1	69	2343E	16950	55484N	58016	7300N	15517N	6821E
3	5054N	12113W	16400	320	31	1	69	2440E	17165	55440N	58036	7247N	15597N	7166E
3	5052N	12139W	16400	325	31	1	69	2423E	17300	55216N	57863	7236N	15755N	7147E
3	5050N	12204W	16400	330	31	1	69	2409E	17576	55146N	57879	7219N	16036N	7194E
4	4844N	12356W	16300	1710	1	2	69	2252E	18893	53367N	56613	7030N	17407N	7344E
4	4843N	12422W	16300	1715	1	2	69	2244E	18896	53217N	56473	7027N	17428N	7302E
4	4842N	12449W	16300	1720	1	2	69	2243E	19053	53203N	56512	7017N	17574N	7359E
4	4841N	12514W	16300	1725	1	2	69	2253E	19054	53017N	56338	7013N	17553N	7412E
4	4845N	12540W	16200	1730	1	2	69	2257E	19209	52894N	56274	7002N	17687N	7492E
4	4843N	12604W	16200	1735	1	2	69	2235E	19363	52658N	56105	6948N	17878N	7436E
4	4830N	12626W	16200	1740	1	2	69	2310E	19354	52499N	55953	6945N	17793N	7614E
4	4818N	12649W	16100	1745	1	2	69	2321E	19432	52345N	55836	6938N	17838N	7705E
4	4817N	12713W	16100	1750	1	2	69	2305E	19526	52174N	55708	6928N	17960N	7660F
4	4817N	12739W	16100	1755	1	2	69	2256E	19627	52053N	55630	6920N	18075N	7649E
4	4817N	12804W	16100	1800	1	2	69	2313E	19774	51776N	55424	6905N	18172N	7797F
4	4817N	12828W	16100	1805	1	2	69	2236E	19807	51620N	55289	6900N	18285N	7614E
4	4812N	12847W	16100	1810	1	2	69	2217E	19903	51633N	55336	6855N	18415N	7550F
4	4808N	12905W	16100	1815	1	2	69	2304E	19969	51570N	55301	6849N	18371N	7827E
4	4802N	12923W	16100	1820	1	2	69	2312E	20112	51183N	54993	6832N	18484N	7925E
4	4757N	12941W	16100	1825	1	2	69	2250E	20109	51061N	54878	6830N	18532N	7804E
4	4757N	13001W	16100	1830	1	2	69	2241E	20122	51059N	54882	6829N	18565N	7760E
4	4755N	13020W	16100	1835	1	2	69	2254E	20220	50933N	54800	6820N	18625N	7872E
4	4754N	13039W	16200	1840	1	2	69	2241E	20295	50777N	54683	6812N	18724N	7830E
4	4753N	13102W	16200	1845	1	2	69	2301E	20356	50681N	54616	6806N	18736N	7960E
4	4750N	13123W	16200	1850	1	2	69	2227E	20359	50561N	54507	6803N	18815N	7777E
4	4746N	13146W	16200	1855	1	2	69	2247E	20368	50462N	54418	6801N	18778N	7890E
4	4742N	13207W	16200	1900	1	2	69	2241E	20473	50389N	54390	6753N	18889N	7897E
4	4739N	13227W	16200	1905	1	2	69	2224E	20548	50090N	54141	6741N	18997N	7831E
4	4736N	13247W	16200	1910	1	2	69	2225E	20587	50195N	54253	6741N	19030N	7855E
4	4733N	13307W	16200	1915	1	2	69	2247E	20777	49932N	54083	6724N	19153N	8051E
4	4730N	13326W	16200	1920	1	2	69	2248E	20708	49751N	53888	6724N	19089N	8026E
4	4726N	13347W	16200	1925	1	2	69	2232E	20839	49620N	53818	6713N	19247N	7988E

FL	LAT	LONG	ALT	GMT	DA	MO	YP	D	H	Z	F	I	X	Y
4	4721N	13408W	16200	1930	1	2	69	2217E	20884	49342N	53579	6703N	19323N	7922E
4	4717N	13428W	16200	1935	1	2	69	2226E	20947	49267N	53535	6657N	19361N	7996E
4	4712N	13448W	16200	1940	1	2	69	2208E	20985	49115N	53411	6651N	19439N	7907E
4	4708N	13508W	16200	1945	1	2	69	2205E	21091	48994N	53341	6642N	19544N	7929E
4	4703N	13527W	16200	1950	1	2	69	2216E	21177	48811N	53207	6632N	19596N	8027E
4	4659N	13547W	16200	1955	1	2	69	2219E	21284	48705N	53152	6623N	19687N	8087E
4	4654N	13606W	16200	2000	1	2	69	2215E	21245	48543N	52988	6621N	19662N	8047E
4	4651N	13627W	16200	2005	1	2	69	2216E	21419	48297N	52834	6605N	19820N	8119E
4	4648N	13647W	16200	2010	1	2	69	2225E	21345	48082N	52607	6603N	19732N	8141E
4	4644N	13708W	16200	2015	1	2	69	2156E	21378	48104N	52641	6602N	19829N	7991E
4	4639N	13727W	16200	2020	1	2	69	2158E	21460	47815N	52410	6549N	19902N	8028E
4	4635N	13747W	16200	2025	1	2	69	2135E	21469	47785N	52386	6548N	19962N	7900E
4	4630N	13806W	16200	2030	1	2	69	2143E	21615	47624N	52300	6535N	20080N	8001E
4	4626N	13824W	16200	2035	1	2	69	2140E	21602	47420N	52109	6530N	20074N	7980E
4	4621N	13844W	16200	2040	1	2	69	2145E	21688	47261N	52000	6520N	20143N	8039E
4	4617N	13904W	16200	2045	1	2	69	2114E	21753	47007N	51796	6518N	20274N	7882E
4	4612N	13925W	16200	2050	1	2	69	2131E	21786	47004N	51808	6507N	20268N	7991E
4	4607N	13946W	16200	2055	1	2	69	2134E	21905	46648N	51535	6450N	20369N	8057E
4	4602N	14006W	16200	2100	1	2	69	2111E	21924	46626N	51523	6448N	20442N	7923E
4	4557N	14027W	16200	2105	1	2	69	2125E	22035	46520N	51475	6439N	20512N	8049E
4	4551N	14048W	16200	2110	1	2	69	2129E	22106	46143N	51166	6424N	20569N	8100E
4	4546N	14108W	16200	2115	1	2	69	2105E	22074	46011N	51033	6422N	20595N	7944E
4	4541N	14129W	16200	2120	1	2	69	2053E	22156	45832N	50907	6412N	20700N	7898E
4	4535N	14148W	16200	2125	1	2	69	2040E	22231	45610N	50740	6400N	20798N	7851E
4	4529N	14208W	16200	2130	1	2	69	2022E	22188	45605N	50717	6403N	20800N	7724E
4	4524N	14228W	16200	2135	1	2	69	2050E	22349	45444N	50642	6348N	20886N	7952E
4	4518N	14247W	16200	2140	1	2	69	2044E	22361	45078N	50319	6336N	20910N	7922E
4	4512N	14307W	16200	2145	1	2	69	2025E	22375	44929N	50193	6331N	20968N	7811E
4	4506N	14326W	16200	2150	1	2	69	2004E	22447	44769N	50081	6322N	21083N	7705E
4	4500N	14346W	16200	2155	1	2	69	2024E	22526	44685N	50042	6314N	21113N	7853E
4	4611N	14215W	17200	2225	1	2	69	2106E	21965	46022N	50995	6429N	20491N	7911E
4	4620N	14140W	17200	2230	1	2	69	2111E	21924	46114N	51061	6434N	20441N	7927E
4	4629N	14107W	17200	2235	1	2	69	2128E	21809	46401N	51271	6449N	20294N	7986E
4	4638N	14034W	17200	2240	1	2	69	2138E	21754	46771N	51583	6503N	20222N	8020E
4	4647N	14000W	17200	2245	1	2	69	2140E	21629	47016N	51753	6517N	20098N	7991E
4	4655N	13926W	17200	2250	1	2	69	2152E	21508	47344N	52001	6534N	19959N	8013E
4	4703N	13853W	17200	2255	1	2	69	2207E	21400	47707N	52287	6550N	19824N	8061E
4	4711N	13818W	17200	2300	1	2	69	2208E	21308	47815N	52348	6558N	19737N	8031E
4	4718N	13745W	17200	2305	1	2	69	2157E	21174	48125N	52577	6615N	19638N	7917E
4	4725N	13712W	17200	2310	1	2	69	2210E	21111	48356N	52763	6624N	19548N	7970E
4	4731N	13638W	17200	2315	1	2	69	2216E	21005	48601N	52946	6637N	19438N	7968E
4	4738N	13604W	17200	2320	1	2	69	2230E	20974	48870N	53181	6646N	19377N	8028E
4	4745N	13530W	17200	2325	1	2	69	2225E	20990	49214N	53465	6659N	19310N	7969E
4	4752N	13455W	17200	2330	1	2	69	2212E	20707	49400N	53564	6715N	19171N	7828E
4	4759N	13420W	17200	2335	1	2	69	2244E	20651	49616N	53742	6724N	19044N	7985E
4	4806N	13346W	17200	2340	1	2	69	2239E	20473	49934N	53969	6742N	18893N	7887E
4	4812N	13310W	17200	2345	1	2	69	2302E	20355	50293N	54256	6757N	18732N	7965E
4	4817N	13235W	17200	2350	1	2	69	2245E	20237	50389N	54301	6807N	18661N	7829E
4	4822N	13200W	17200	2355	1	2	69	2246E	20179	50611N	54486	6815N	18606N	7810E
4	4827N	13124W	17200	0	2	2	69	2256E	20023	50898N	54695	6831N	18438N	7807E
4	4832N	13052W	17200	5	2	2	69	2312E	19991	51121N	54891	6838N	18373N	7878E
4	4838N	13021W	17200	10	2	2	69	2308E	19911	51385N	55108	6849N	18308N	7827E
4	4843N	12946W	17200	15	2	2	69	2238E	19840	51692N	55369	6900N	18310N	7640E
4	4849N	12909W	17200	20	2	2	69	2325E	19562	51964N	55524	6922N	17950N	7775E
4	4854N	12833W	17200	25	2	2	69	2306E	19374	52138N	55621	6936N	17819N	7604E
4	4900N	12756W	17200	30	2	2	69	2324E	19250	52338N	55766	6948N	17665N	7647E
4	4903N	12720W	17200	35	2	2	69	2254E	19098	52580N	55942	7002N	17591N	7436E
4	4907N	12643W	17200	40	2	2	69	2324E	19141	52780N	56144	7003N	17565N	7606E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
4	4910N	12606W	17200	45	2	2	69	2323E	18985	53013N	56310	7017N	17424N	7539E
4	4914N	12531W	17200	50	2	2	69	2318E	18882	53248N	56497	7028N	17341N	7471F
4	4920N	12456W	17200	55	2	2	69	2305E	18836	53450N	56672	7035N	17328N	7385F
4	4925N	12421W	17200	100	2	2	69	2314E	18720	53730N	56898	7047N	17201N	7387E
5	5036N	13202W	18100	1945	3	2	69	2407E	18913	52126N	55451	7003N	17262N	7728E
5	5030N	13221W	18100	1950	3	2	69	2352E	18999	51894N	55263	6953N	17374N	7688E
5	5024N	13240W	18100	1955	3	2	69	2336E	19112	51934N	55339	6947N	17512N	7655E
5	5018N	13300W	18100	2000	3	2	69	2401E	19328	51766N	55257	6931N	17653N	7871E
5	5015N	13322W	18100	2005	3	2	69	2346E	19402	51497N	55031	6921N	17756N	7820E
5	5011N	13344W	18100	2010	3	2	69	2340E	19395	51341N	54882	6918N	17761N	7790E
5	5007N	13405W	18100	2015	3	2	69	2338E	19437	51306N	54864	6915N	17805N	7795F
5	5003N	13428W	18100	2020	3	2	69	2400E	19707	50993N	54668	6852N	18001N	8019E
5	4959N	13450W	18100	2025	3	2	69	2326E	19583	50816N	54459	6855N	17967N	7791F
5	4954N	13514W	18100	2030	3	2	69	2333E	19674	50714N	54397	6847N	18035N	7862E
5	4950N	13537W	18100	2035	3	2	69	2313E	19820	50480N	54232	6833N	18215N	7814F
5	4945N	13600W	18100	2040	3	2	69	2330E	19900	50407N	54193	6827N	18249N	7937E
5	4941N	13623W	18100	2045	3	2	69	2310E	19926	50356N	54156	6824N	18299N	7887E
5	4936N	13646W	18100	2050	3	2	69	2321E	20049	50107N	53970	6811N	18406N	7948E
5	4932N	13709W	18100	2055	3	2	69	2331E	19983	49885N	53739	6810N	18323N	7975E
5	4927N	13732W	18200	2100	3	2	69	2302E	20069	49765N	53659	6802N	18468N	7853E
5	4923N	13758W	18200	2105	3	2	69	2258E	20395	49508N	53545	6736N	18776N	7963E
5	4919N	13824W	18200	2110	3	2	69	2248E	20289	49275N	53288	6737N	18703N	7863E
5	4914N	13850W	18200	2115	3	2	69	2243E	20447	49035N	53128	6721N	18859N	7901E
5	4909N	13916W	18200	2120	3	2	69	2300E	20488	48935N	53051	6716N	18857N	8010E
5	4904N	13945W	18200	2125	3	2	69	2324E	20320	48990N	53037	6728N	18648N	8070E
5	4857N	14012W	18200	2130	3	2	69	2246E	20630	48470N	52678	6656N	19021N	7986E
5	4851N	14039W	18200	2135	3	2	69	2241E	20630	48452N	52661	6656N	19033N	7959E
5	4844N	14105W	18200	2140	3	2	69			48040N	52424			
5	4837N	14132W	18200	2145	3	2	69	2206E	20868	47875N	52225	6626N	19333N	7855E
5	4831N	14159W	18200	2150	3	2	69	2229E	20979	47684N	52095	6615N	19383N	8026E
5	4824N	14225W	18200	2155	3	2	69	2145E	21048	47417N	51879	6603N	19548N	7803E
5	4817N	14251W	18200	2200	3	2	69	2159E	21240	47325N	51873	6549N	19695N	7952E
5	4810N	14319W	18200	2205	3	2	69	2150E	21317	47092N	51692	6538N	19787N	7931E
5	4802N	14347W	18200	2210	3	2	69	2158E	21421	46741N	51416	6522N	19865N	8013E
5	4755N	14415W	18200	2215	3	2	69	2130E	21487	46488N	51213	6511N	19990N	7879E
5	4748N	14442W	18200	2220	3	2	69	2125E	21458	46182N	50924	6504N	19974N	7840E
5	4739N	14509W	18200	2225	3	2	69	2102E	21447	46157N	50897	6504N	20017N	7701E
5	4730N	14536W	18200	2230	3	2	69	2101E	21613	46021N	50844	6450N	20173N	7756E
5	4721N	14602W	18200	2235	3	2	69	2039E	21710	45776N	50663	6437N	20315N	7658E
5	4800N	14609W	19500	2305	3	2	69	2052E	21539	46040N	50829	6455N	20125N	7673E
5	4810N	14544W	19500	2310	3	2	69	2132E	21480	46295N	51036	6506N	19980N	7886E
5	4819N	14519W	19500	2315	3	2	69	2149E	21352	46770N	51414	6527N	19821N	7939E
5	4828N	14454W	19500	2320	3	2	69	2113E	21228	46951N	51527	6540N	19788N	7685E
5	4837N	14429W	19500	2325	3	2	69	2158E	21126	47082N	51605	6549N	19592N	7904E
5	4846N	14403W	19200	2330	3	2	69	2210E	21042	47380N	51842	6603N	19485N	7942E
5	4854N	14337W	19200	2335	3	2	69	2239E	20971	47614N	52028	6613N	19352N	8080E
5	4902N	14310W	19200	2340	3	2	69	2229E	20831	48001N	52326	6632N	19247N	7967E
5	4911N	14242W	19200	2345	3	2	69	2251E	20671	48268N	52508	6648N	19048N	8029E
5	4918N	14214W	19200	2350	3	2	69	2236E	20499	48337N	52504	6701N	18924N	7879E
5	4924N	14145W	19200	2355	3	2	69	2246E	20494	48649N	52789	6709N	18897N	7933F
5	4932N	14117W	19200	0	4	2	69	2318E	20514	48708N	52851	6709N	18840N	8116E
5	4937N	14047W	19200	5	4	2	69	2245E	20390	49229N	53285	6730N	18803N	7888E
5	4942N	14017W	19200	10	4	2	69	2253E	20393	49263N	53317	6730N	18786N	7933F
5	4948N	13945W	19200	15	4	2	69	2313E	20078	49501N	53418	6755N	18450N	7920E
5	4955N	13914W	19200	20	4	2	69	2311E	20093	49772N	53675	6800N	18468N	7915E
5	5001N	13842W	19200	25	4	2	69	2324E	20022	49823N	53696	6806N	18374N	7954E
5	5007N	13810W	19200	30	4	2	69	2345E	19741	50281N	54017	6833N	18069N	7952F
5	5013N	13739W	19200	35	4	2	69	2354E	19560	50424N	54085	6847N	17882N	7927E

A THREE-COMPONENT AEROMAGNETIC SURVEY OF BRITISH COLUMBIA AND THE ADJACENT PACIFIC OCEAN

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
5	5020N	13711W	19200	40	4	2	69	2407E	19596	50663N	54321	6851N	17884N	8009E
5	5027N	13642W	19200	45	4	2	69	2354E	19451	51000N	54564	6907N	17782N	7883F
5	5033N	13604W	19200	50	4	2	69	2341E	19387	51112N	54666	6913N	17753N	7789E
5	5039N	13526W	19200	55	4	2	69	2400E	19230	51368N	54849	6928N	17567N	7822E
5	5045N	13448W	19200	100	4	2	69	2429E	18969	51620N	54995	6949N	17263N	7862E
5	5050N	13414W	19200	105	4	2	69	2427E	18974	51908N	55267	6955N	17270N	7857E
5	5055N	13340W	19200	110	4	2	69	2422E	18922	51969N	55307	6959N	17236N	7808F
5	5100N	13305W	19200	115	4	2	69	2459E	18703	52400N	55638	7021N	16952N	7902E
5	5106N	13230W	19200	120	4	2	69	2437E	18602	52469N	55669	7028N	16910N	7752E
5	5111N	13155W	19200	125	4	2	69	2459E	18475	52730N	55873	7041N	16746N	7803F
5	5117N	13120W	19200	130	4	2	69	2449E	18318	52936N	56016	7054N	16624N	7692E
5	5121N	13046W	19200	135	4	2	69	2527E	18087	53154N	56147	7112N	16331N	7775F
5	5126N	13011W	19200	140	4	2	69	2529E	18130	53341N	56338	7113N	16366N	7802E
5	5129N	12937W	19200	145	4	2	69	2510E	17993	53598N	56538	7126N	16284N	7653F
5	5132N	12903W	19200	150	4	2	69	2525E	17825	53797N	56674	7140N	16100N	7651E
5	5135N	12830W	19200	155	4	2	69	2530E	17813	53970N	56834	7144N	16077N	7672E
6	5042N	11918W	18200	1750	5	2	69	2247E	16873	55742N	58240	7309N	15556N	6536E
6	5041N	11943W	18200	1755	5	2	69	2312E	16758	55714N	58180	7315N	15403N	6602E
6	5040N	12008W	18200	1800	5	2	69	2329E	16880	55538N	58047	7305N	15481N	6728E
6	5039N	12033W	18200	1805	5	2	69	2301E	16977	55551N	58088	7300N	15625N	6638F
6	5037N	12056W	18200	1810	5	2	69	2249E	17067	55491N	58057	7254N	15731N	6620F
6	5035N	12119W	18200	1815	5	2	69	2342E	17216	55408N	58021	7244N	15763N	6922F
6	5034N	12142W	18200	1820	5	2	69	2340E	17394	55230N	57905	7231N	15931N	6983E
6	5032N	12204W	18200	1825	5	2	69	2331E	17488	54859N	57579	7219N	16034N	6982F
6	5030N	12226W	18100	1830	5	2	69	2318E	17476	54747N	57469	7217N	16049N	6917E
6	5028N	12249W	18100	1835	5	2	69	2301E	17498	54793N	57519	7217N	16103N	6845E
6	5027N	12313W	18100	1840	5	2	69	2322E	17727	54690N	57492	7202N	16271N	7035E
6	5025N	12339W	18100	1845	5	2	69	2318E	17741	54456N	57273	7157N	16294N	7019E
6	5024N	12404W	18100	1850	5	2	69	2314E	17678	54317N	57121	7158N	16244N	6976F
6	5022N	12430W	18100	1855	5	2	69	2259E	17539	54326N	57087	7206N	16146N	6849E
6	5020N	12454W	18100	1900	5	2	69	2328E	17715	54600N	57402	7201N	16248N	7058E
6	5017N	12518W	18100	1905	5	2	69	2308E	18302	54655N	57638	7129N	16829N	7194E
6	5015N	12543W	18100	1910	5	2	69	2345E	18483	54054N	57127	7107N	16918N	7444E
6	5012N	12608W	18100	1915	5	2	69	2346E	18456	53782N	56861	7103N	16890N	7440E
6	5009N	12633W	18100	1920	5	2	69	2352E	18631	53629N	56773	7050N	17036N	7542E
6	5005N	12658W	18100	1925	5	2	69	2400E	18452	53393N	56492	7056N	16855N	7508F
6	5003N	12722W	18100	1930	5	2	69	2355E	18651	53205N	56380	7048N	17049N	7562E
6	5001N	12746W	18100	1935	5	2	69	2350E	18751	53083N	56298	7032N	17151N	7579E
6	4958N	12810W	18100	1940	5	2	69	2334E	18724	52961N	56174	7031N	17162N	7487F
6	4955N	12834W	18100	1945	5	2	69	2350E	18800	52851N	56095	7025N	17196N	7597E
6	4953N	12859W	18100	1950	5	2	69	2344E	18939	52698N	55998	7013N	17336N	7627E
6	4949N	12923W	18000	1955	5	2	69	2301E	19025	52496N	55837	7004N	17508N	7442E
6	4946N	12947W	18000	2000	5	2	69	2333E	19086	52573N	55930	7002N	17494N	7629E
6	4943N	13010W	18000	2005	5	2	69	2408E	19206	52415N	55823	6952N	17526N	7855E
6	4940N	13033W	18000	2010	5	2	69	2429E	19431	52014N	55525	6930N	17682N	8057E
6	4936N	13054W	18000	2015	5	2	69	2347E	19389	51807N	55316	6928N	17750N	7800E
6	4933N	13114W	18000	2020	5	2	69	2339E	19481	51712N	55260	6921N	17843N	7818E
6	4929N	13134W	18000	2025	5	2	69	2333E	19515	51558N	55128	6916N	17887N	7802F
6	4926N	13155W	18000	2030	5	2	69	2325E	19602	51420N	55030	6907N	17987N	7791F
6	4923N	13217W	18000	2035	5	2	69	2322E	19648	51375N	55004	6904N	18035N	7798E
6	4920N	13239W	18000	2040	5	2	69	2329E	19747	51264N	54936	6855N	18111N	7870F
6	4917N	13301W	18000	2045	5	2	69	2334E	19820	50933N	54654	6844N	18166N	7928E
6	4914N	13323W	18000	2050	5	2	69	2324E	19808	50903N	54622	6844N	18177N	7872F
6	4850N	13145W	19300	2120	5	2	69	2341E	19489	51222N	54804	6910N	17846N	7831E
6	4854N	13111W	19300	2125	5	2	69	2350E	19601	51312N	54929	6905N	17928N	7925E
6	4857N	13038W	19300	2130	5	2	69	2348E	19600	51532N	55134	6910N	17933N	7911E
6	4900N	13006W	19300	2135	5	2	69	2251E	19445	51754N	55287	6924N	17918N	7553E
6	4903N	12935W	19200	2140	5	2	69	2318E	19549	51914N	55472	6921N	17954N	7734E

FL	LAT	LONG	ALT	GMT	DA	MO	YF	D	H	Z	F	I	X	Y
6	4908N	12905W	19200	2145	5	2	69	2337E	19329	52214N	55677	6941N	17709N	7745E
6	4912N	12835W	19200	2150	5	2	69				55772			
6	4917N	12805W	19200	2155	5	2	69	2324E	19083	52497N	55858	7001N	17512N	7580E
6	4922N	12735W	19200	2200	5	2	69	2333E	19023	52712N	56040	7009N	17439N	7601F
6	4926N	12704W	19200	2205	5	2	69	2315E	18801	52942N	56182	7026N	17273N	7423E
6	4931N	12634W	19200	2210	5	2	69	2309E	18751	53159N	56369	7034N	17241N	7373E
6	4934N	12601W	19200	2215	5	2	69	2329E	18622	53381N	56537	7046N	17079N	7423E
6	4936N	12529W	19200	2220	5	2	69	2324E	18521	53500N	56615	7054N	16997N	7357F
6	4939N	12456W	19200	2225	5	2	69	2325E	18559	53780N	56892	7057N	17029N	7380E
6	4942N	12423W	19200	2230	5	2	69	2301E	18536	54306N	57382	7109N	17059N	7250E
6	4945N	12351W	19200	2235	5	2	69	2240E	17969	54292N	57188	7141N	16580N	6928E
6	4948N	12319W	19200	2240	5	2	69	2305E	17962	54146N	57048	7138N	16523N	7045E
6	4951N	12245W	19200	2245	5	2	69	2307E	17901	54468N	57334	7148N	16463N	7030F
6	4954N	12210W	19200	2250	5	2	69	2249E	17676	54525N	57319	7202N	16291N	6858E
6	4911N	12205W	19300	2320	5	2	69	2150E	18325	54377N	57382	7122N	17009N	6820F
6	4909N	12234W	19300	2325	5	2	69	2228E	18501	54359N	57421	7112N	17097N	7071E
6	4908N	12306W	19300	2330	5	2	69	2234E	18497	54201N	57270	7109N	17079N	7103E
6	4906N	12337W	19300	2335	5	2	69	2303E	18589	53859N	56976	7057N	17105N	7279E
6	4902N	12357W	19300	2340	5	2	69	2307E	18593	53641N	56772	7052N	17100N	7299E
6	4901N	12425W	19300	2345	5	2	69	2259E	18757	53533N	56724	7041N	17266N	7328E
6	4859N	12453W	19300	2350	5	2	69	2254E	18796	53294N	56511	7034N	17314N	7314E
6	4856N	12520W	19300	2355	5	2	69	2303E	18925	53195N	56462	7024N	17413N	7412E
6	4853N	12548W	19300	0	6	2	69	2302E	18994	52979N	56281	7016N	17480N	7432E
6	4850N	12615W	19300	5	6	2	69	2303E	19094	52828N	56173	7007N	17568N	7477E
6	4848N	12642W	19300	10	6	2	69	2256E	19138	52707N	56074	7002N	17624N	7461E
6	4846N	12709W	19300	15	6	2	69	2306E	19246	52549N	55962	6953N	17701N	7555E
6	4844N	12737W	19300	20	6	2	69	2301E	19346	52309N	55772	6942N	17806N	7564E
6	4841N	12804W	19300	25	6	2	69	2310E	19467	52214N	55726	6933N	17896N	7662E
6	4837N	12831W	19300	30	6	2	69	2235E	19511	52068N	55604	6927N	18014N	7495E
6	4834N	12858W	19300	35	6	2	69	2304E	19538	52083N	55628	6926N	17976N	7656E
6	4830N	12926W	19300	40	6	2	69	2302E	19823	51607N	55283	6859N	18241N	7758E
6	4827N	12951W	19300	45	6	2	69	2239E	19814	51634N	55305	6900N	18285N	7630E
6	4822N	13017W	19300	50	6	2	69	2302E	19904	51356N	55078	6848N	18317N	7788E
6	4818N	13042W	19300	55	6	2	69	2258E	19961	51194N	54949	6841N	18377N	7793E
6	4814N	13107W	19300	100	6	2	69	2247E	20037	50874N	54678	6830N	18472N	7763E
6	4809N	13134W	19300	105	6	2	69	2235E	20138	50774N	54622	6821N	18592N	7738E
6	4736N	13041W	19300	135	6	2	69	2239E	20238	50636N	54530	6812N	18676N	7794E
6	4739N	13008W	19300	140	6	2	69	2211E	20060	50829N	54644	6827N	18573N	7577E
6	4742N	12936W	19300	145	6	2	69	2244E	20140	50977N	54812	6826N	18574N	7788F
6	4744N	12903W	19300	150	6	2	69	2236E	19948	51351N	55090	6846N	18414N	7670E
6	4747N	12831W	19300	155	6	2	69	2145E	19857	51403N	55105	6852N	18442N	7360E
6	4749N	12759W	19300	200	6	2	69	2232E	19796	51716N	55375	6903N	18282N	7591E
6	4754N	12727W	19300	205	6	2	69	2232E	19713	51860N	55481	6911N	18208N	7555E
6	4759N	12655W	19300	210	6	2	69	2233E	19578	52089N	55647	6924N	18079N	7511E
6	4803N	12623W	19300	215	6	2	69	2231E	19484	52316N	55826	6934N	17997N	7463E
6	4808N	12550W	19300	220	6	2	69	2221E	19375	52473N	55936	6944N	17919N	7369E
6	4812N	12518W	19300	225	6	2	69	2228E	19286	52685N	56104	6953N	17821N	7373F
6	4815N	12446W	19300	230	6	2	69	2230E	19286	52897N	56303	6958N	17817N	7382E
6	4823N	12410W	19300	235	6	2	69	2239E	19154	53265N	56604	7013N	17675N	7379F
7	4916N	12052W	17400	1755	6	2	69	2246E	18156	54621N	57559	7136N	16739N	7030E
7	4918N	12020W	17400	1800	6	2	69	2205E	17842	54893N	57720	7159N	16533N	6708E
7	4919N	11948W	17400	1805	6	2	69	2223E	17868	54949N	57781	7159N	16520N	6808E
7	4920N	11916W	17400	1810	6	2	69				57946			
7	4922N	11843W	17400	1815	6	2	69	2210E	17387	55312N	57980	7232N	16101N	6562E
7	4923N	11810W	17400	1820	6	2	69	2143E	17410	55418N	58088	7233N	16173N	6444E
7	4923N	11737W	17400	1825	6	2	69	2158E	17265	55412N	58039	7241N	16010N	6462E
7	4924N	11704W	17400	1830	6	2	69	2132E	17234	55552N	58164	7245N	16030N	6328E
7	4925N	11631W	17400	1835	6	2	69	2143E	17145	55718N	58296	7253N	15928N	6344E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
7	4925N	11559W	17400	1840	6	2	69	2141E	17063	55841N	58390	7300N	15855N	6306E
7	4926N	11526W	17400	1845	6	2	69	2143E	17009	56065N	58588	7307N	15801N	6293E
7	4927N	11454W	17400	1850	6	2	69	2119E	16894	56200N	58684	7316N	15737N	6145F
7	4927N	11421W	17400	1855	6	2	69	2147E	16710	56348N	58774	7328N	15516N	6201E
7	4927N	11349W	17400	1900	6	2	69	2112E	16544	56828N	59187	7346N	15423N	5985E
7	4926N	11317W	17400	1905	6	2	69	1945E	16381	56756N	59073	7354N	15415N	5539E
7	4925N	11246W	17400	1910	6	2	69	2009E	16333	56670N	58977	7355N	15332N	5629E
7	4925N	11214W	17400	1915	6	2	69	1936E	16410	56759N	59084	7352N	15458N	5508F
7	4924N	11141W	17400	1920	6	2	69	1926E	16248	56966N	59238	7404N	15321N	5409E
7	4922N	11108W	17400	1925	6	2	69	1907E	16218	56898N	59164	7405N	15323N	5311E
7	4921N	11036W	17400	1930	6	2	69	1907E	16149	57065N	59307	7411N	15257N	5292E
7	4942N	11032W	17300	1950	6	2	69	1903E	15857	57370N	59521	7432N	14987N	5179E
7	4943N	11100W	17300	1955	6	2	69	1942E	16050	57207N	59416	7419N	15109N	5412E
7	4945N	11130W	17300	2000	6	2	69	1913E	15982	56953N	59153	7419N	15090N	5263F
7	4945N	11159W	17300	2005	6	2	69	1933E	16086	57030N	59256	7414N	15159N	5383E
7	4946N	11227W	17300	2010	6	2	69	1942E	16364	56898N	59204	7357N	15406N	5517E
7	4947N	11256W	17300	2015	6	2	69	1959E	16201	56788N	59054	7404N	15224N	5539E
7	4947N	11326W	17300	2020	6	2	69	2009E	16306	56821N	59114	7359N	15307N	5619F
7	4947N	11356W	17300	2025	6	2	69	2056E	16529	56625N	58988	7343N	15437N	5908E
7	4947N	11425W	17300	2030	6	2	69	2047E	16617	56393N	58790	7334N	15535N	5897E
7	4946N	11452W	17300	2035	6	2	69	2103E	16761	56364N	58803	7326N	15642N	6023E
7	4945N	11519W	17300	2040	6	2	69	2122E	16829	56260N	58724	7320N	15671N	6133E
7	4944N	11546W	17300	2045	6	2	69	2126E	16914	56033N	58531	7312N	15743N	6183F
7	4943N	11614W	17300	2050	6	2	69	2119E	17006	55893N	58422	7304N	15841N	6183E
7	4943N	11642W	17300	2055	6	2	69	2122E	17179	55813N	58397	7253N	15997N	6261E
7	4943N	11710W	17300	2100	6	2	69	2146E	17161	55704N	58288	7252N	15937N	6366E
7	4943N	11738W	17300	2105	6	2	69	2153E	17211	55620N	58222	7248N	15969N	6419E
7	4943N	11805W	17300	2110	6	2	69	2157E	17190	55527N	58127	7247N	15943N	6420E
7	4942N	11832W	17300	2115	6	2	69	2211E	17211	55355N	57969	7243N	15937N	6500E
7	4942N	11859W	17300	2120	6	2	69	2221E	17230	55322N	57943	7242N	15935N	6554E
7	4941N	11926W	17300	2125	6	2	69			55401N	58048			
7	4940N	11954W	17300	2130	6	2	69			55100N	57813			
7	4938N	12021W	17300	2135	6	2	69	2228E	17562	54991N	57727	7217N	16229N	6712E
7	4937N	12048W	17300	2140	6	2	69	2235E	17813	54935N	57751	7202N	16447N	6841E
7	4935N	12116W	17300	2145	6	2	69	2249E	17858	54633N	57478	7153N	16460N	6926F
7	4932N	12144W	17300	2150	6	2	69	2222E	17880	54403N	57266	7148N	16534N	6806F
7	4931N	12211W	17300	2155	6	2	69	2225E	17625	54761N	57528	7209N	16293N	6722E
7	4930N	12239W	17300	2200	6	2	69	2313E	17764	54444N	57269	7155N	16324N	7004E
7	5003N	12401W	17400	2240	6	2	69			54269N	57061			
7	5006N	12329W	17400	2245	6	2	69	2337E	17800	54302N	57145	7151N	16308N	7133E
7	5009N	12256W	17400	2250	6	2	69	2331E	17909	54626N	57487	7150N	16421N	7149E
7	5011N	12225W	17400	2255	6	2	69	2251E	17512	54697N	57432	7214N	16138N	6801E
7	5013N	12153W	17400	2300	6	2	69	2343E	17608	54779N	57540	7210N	16120N	7084E
7	5015N	12121W	17400	2305	6	2	69	2308E	17664	55228N	57984	7215N	16242N	6942E
7	5016N	12046W	17400	2310	6	2	69	2308E	17272	55204N	57843	7237N	15883N	6786F
7	5018N	12013W	17400	2315	6	2	69	2309E	17342	55250N	57908	7234N	15945N	6819F
7	5020N	11940W	17400	2320	6	2	69	2306E	17109	55508N	58085	7252N	15737N	6713E
7	5022N	11908W	17400	2325	6	2	69	2308E	16908	55639N	58151	7305N	15563N	6609F
7	5023N	11833W	17400	2330	6	2	69	2230E	16945	55741N	58260	7305N	15654N	6487E
7	5025N	11759W	17400	2335	6	2	69	2239E	16660	55965N	58392	7325N	15374N	6418F
7	5026N	11724W	17400	2340	6	2	69	2231E	16706	56052N	58489	7324N	15431N	6401E
7	5027N	11650W	17400	2345	6	2	69	2216E	16625	56176N	58584	7330N	15383N	6304F
7	5027N	11615W	17400	2350	6	2	69	2224E	16490	56410N	58771	7342N	15245N	6285E
7	5028N	11541W	17400	2355	6	2	69	2203E	16299	56569N	58871	7355N	15105N	6122E
7	5028N	11507W	17400	0	7	2	69	2220E	16173	56777N	59035	7405N	14959N	6148F
7	5028N	11433W	17300	5	7	2	69	2200E	16068	57010N	59231	7415N	14896N	6022E
7	5028N	11359W	17300	10	7	2	69	2105E	16085	57296N	59511	7419N	15007N	5788E
7	5027N	11325W	17300	15	7	2	69	2028E	16177	57054N	59303	7410N	15155N	5657E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
7	5027N	11252W	17300	20	7	2	69	2025E	15959	57094N	59283	7422N	14956N	5570E
7	5027N	11217W	17300	25	7	2	69	2044E	15681	57207N	59317	7440N	14665N	5553E
7	5004N	11126W	17300	55	7	2	69	2000E	15908	57106N	59280	7426N	14947N	5442E
7	5004N	11155W	17300	100	7	2	69	1918E	15873	57142N	59306	7428N	14981N	5247E
7	5005N	11223W	17300	105	7	2	69	2009E	15954	57117N	59303	7423N	14976N	5499E
7	5006N	11251W	17300	110	7	2	69	2021E	15973	57020N	59216	7421N	14976N	5555E
7	5007N	11318W	17300	115	7	2	69	2050E	16015	56931N	59141	7417N	14966N	5700E
7	5007N	11347W	17300	120	7	2	69	2107E	16200	56691N	58961	7403N	15110N	5840E
7	5007N	11416W	17300	125	7	2	69	2046E	16502	56685N	59038	7346N	15429N	5853E
7	5006N	11446W	17300	130	7	2	69	2135E	16568	56735N	59105	7343N	15406N	6095E
7	5005N	11515W	17300	135	7	2	69	2203E	16635	56464N	58864	7335N	15417N	6249E
7	5005N	11543W	17300	140	7	2	69	2155E	16595	56201N	58629	7327N	15488N	6232E
7	5005N	11612W	17300	145	7	2	69	2148E	16709	56108N	58543	7324N	15514N	6205E
7	5004N	11641W	17300	150	7	2	69	2214E	16704	56076N	58511	7324N	15461N	6323E
7	5004N	11709W	17300	155	7	2	69	2157E	16926	55869N	58377	7308N	15698N	6328E
7	5003N	11739W	17300	200	7	2	69	2208E	16926	55778N	58289	7307N	15678N	6378E
7	5002N	11808W	17300	205	7	2	69	2210E	16970	55804N	58328	7305N	15714N	6406E
7	5002N	11837W	17300	210	7	2	69	2220E	17042	55486N	58045	7255N	15745N	6521E
7	5002N	11906W	17300	215	7	2	69	2223E	17253	55375N	58001	7241N	15953N	6570E
7	5001N	11937W	17300	220	7	2	69	2219E	17231	55307N	57929	7241N	15940N	6546E
7	4959N	12007W	17300	225	7	2	69	2228E	17246	55210N	57841	7239N	15937N	6590E
7	4957N	12038W	17300	230	7	2	69	2228E	17473	55026N	57734	7223N	16145N	6680E
7	4956N	12108W	17300	235	7	2	69	2252E	17747	54974N	57768	7206N	16352N	6896E
8	5103N	12419W	18200	1805	9	2	69	2359E	17534	54618N	57363	7212N	16018N	7131E
8	5101N	12447W	18200	1810	9	2	69	2419E	17431	54542N	57260	7216N	15883N	7182E
8	5059N	12514W	18200	1815	9	2	69	2401E	17584	54445N	57214	7206N	16060N	7160E
8	5056N	12542W	18200	1820	9	2	69	2409E	17610	54363N	57144	7203N	16067N	7207E
8	5053N	12611W	18200	1825	9	2	69	2401E	17634	54402N	57189	7202N	16105N	7181E
8	5050N	12640W	18200	1830	9	2	69	2512E	18051	54520N	57431	7140N	16333N	7687E
8	5047N	12710W	18200	1835	9	2	69	2453E	18312	54000N	57021	7116N	16610N	7708E
8	5044N	12739W	18200	1840	9	2	69	2428E	18267	53666N	56690	7112N	16625N	7570E
8	5036N	12805W	18200	1845	9	2	69	2434E	18362	53547N	56608	7104N	16698N	7636E
8	5031N	12831W	18200	1850	9	2	69	2434E	18610	53278N	56435	7044N	16924N	7739E
8	5031N	12858W	18200	1855	9	2	69	2430E	18437	53159N	56265	7052N	16775N	7649E
8	5031N	12925W	18100	1900	9	2	69	2408E	18637	52971N	56154	7036N	17007N	7624E
8	5027N	12949W	18100	1905	9	2	69	2416E	18706	52852N	56065	7030N	17051N	7692E
8	5024N	13013W	18100	1910	9	2	69	2430E	18746	52748N	55980	7026N	17056N	7776E
8	5021N	13037W	18100	1915	9	2	69	2430E	18870	52615N	55896	7016N	17170N	7828E
8	5018N	13101W	18100	1920	9	2	69	2355E	18889	52370N	55672	7009N	17267N	7659E
8	5015N	13128W	18100	1925	9	2	69	2351E	19001	52234N	55583	7000N	17378N	7683E
8	5012N	13154W	18100	1930	9	2	69	2403E	19095	52081N	55471	6951N	17437N	7782E
8	5008N	13220W	18100	1935	9	2	69	2353E	19215	51963N	55402	6942N	17568N	7784E
8	5005N	13246W	18100	1940	9	2	69	2333E	19187	51813N	55252	6940N	17589N	7666E
8	5000N	13310W	18100	1945	9	2	69	2408E	19325	51864N	55347	6933N	17634N	7905E
8	4956N	13332W	18100	1950	9	2	69	2358E	19510	51480N	55053	6914N	17828N	7925E
8	4951N	13356W	18100	1955	9	2	69	2352E	19620	51279N	54905	6903N	17941N	7941E
8	5032N	13400W	19300	2020	9	2	69	2353E	19131	51635N	55065	6940N	17492N	7747E
8	5036N	13326W	19300	2025	9	2	69	2427E	19088	51737N	55146	6944N	17374N	7904E
8	5042N	13253W	19200	2030	9	2	69	2359E	18889	52176N	55490	7005N	17257N	7678E
8	5047N	13220W	19200	2035	9	2	69	2408E	18827	52207N	55499	7010N	17182N	7698E
8	5053N	13148W	19200	2040	9	2	69	2406E	18730	52399N	55646	7019N	17097N	7650E
8	5057N	13112W	19200	2045	9	2	69	2408E	18701	52575N	55802	7025N	17065N	7648E
8	5102N	13037W	19200	2050	9	2	69	2420E	18644	52909N	56098	7035N	16986N	7685E
8	5107N	13001W	19200	2055	9	2	69	2400E	18477	52950N	56082	7045N	16879N	7516E
8	5112N	12925W	19200	2100	9	2	69	2423E	18487	53148N	56271	7049N	16838N	7633E
8	5115N	12849W	19200	2105	9	2	69	2420E	18373	53448N	56518	7101N	16741N	7571E
8	5119N	12813W	19200	2110	9	2	69	2353E	18109	53656N	56630	7121N	16557N	7334E
8	5122N	12738W	19200	2115	9	2	69	2420E	17989	54126N	57037	7136N	16390N	7415E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
8	5126N	12702W	19200	2120	9	2	69	2458E	17214	54381N	57040	7226N	15603N	7270E
8	5130N	12626W	19200	2125	9	2	69	2355E	17491	54148N	56903	7205N	15988N	7094E
8	5133N	12549W	19200	2130	9	2	69	2425E	17416	54449N	57167	7215N	15857N	7202E
8	5117N	12507W	19200	2205	9	2	69	2434E	17542	54403N	57161	7207N	15952N	7296E
8	5114N	12532W	19200	2210	9	2	69	2425E	17298	54409N	57092	7221N	15750N	7151E
8	5112N	12556W	19300	2215	9	2	69	2422E	17281	54307N	56991	7220N	15740N	7133E
8	5110N	12621W	19300	2220	9	2	69	2428E	17454	54300N	57036	7218N	15886N	7230E
8	5109N	12646W	19300	2225	9	2	69	2445E	17517	54572N	57315	7212N	15908N	7335E
8	5107N	12710W	19300	2230	9	2	69	2500E	18050	54460N	57374	7139N	16358N	7628E
8	5105N	12735W	19300	2235	9	2	69	2500E	18303	53778N	56808	7112N	16587N	7739E
8	5144N	12734W	19300	2345	9	2	69	2436E	17326	54395N	57088	7219N	15753N	7213E
8	5149N	12654W	19300	2350	9	2	69	2442E	17354	54342N	57045	7217N	15765N	7253E
8	5153N	12614W	19300	2355	9	2	69	2436E	17410	54515N	57228	7217N	15829N	7248E
8	5155N	12536W	19300	0	10	2	69	2456E	17289	54892N	57550	7231N	15676N	7291E
8	5157N	12458W	19300	5	10	2	69	2323E	17101	55254N	57840	7248N	15695N	6789E
8	5201N	12420W	19300	10	10	2	69	2405E	16920	55270N	57802	7258N	15447N	6905E
8	5205N	12343W	19300	15	10	2	69	2448E	16719	55469N	57934	7313N	15177N	7013E
8	5209N	12306W	19300	20	10	2	69	2429E	16466	55649N	58034	7330N	14984N	6827E
8	5212N	12229W	19300	25	10	2	69	2436E	16299	55852N	58182	7343N	14820N	6785E
8	5215N	12159W	19300	30	10	2	69	2438E	16231	56005N	58310	7350N	14752N	6769E
8	5217N	12128W	19300	35	10	2	69	2426E	16203	56332N	58616	7357N	14752N	6702E
8	5219N	12057W	19300	40	10	2	69	2401E	16022	56190N	58429	7405N	14633N	6523E
8	5221N	12020W	19300	45	10	2	69	2447E	15869	56370N	58562	7416N	14406N	6654E
8	5222N	11941W	19300	50	10	2	69	2356E	15936	56512N	58717	7415N	14565N	6467E
8	5225N	11904W	19300	55	10	2	69	2403E	15741	56698N	58843	7429N	14374N	6416E
8	5227N	11826W	19300	100	10	2	69	2417E	15300	56946N	58966	7457N	13946N	6295E
8	5230N	11749W	19300	105	10	2	69	2423E	15480	56956N	59022	7447N	14098N	6392E
8	5231N	11712W	19300	110	10	2	69	2400E	15330	57223N	59241	7500N	14003N	6237E
8	5230N	11635W	19300	115	10	2	69	2241E	15087	57375N	59326	7515N	13920N	5820E
8	5230N	11559W	19300	120	10	2	69	2346E	15059	57329N	59274	7516N	13782N	6069E
8	5228N	11523W	19300	125	10	2	69	2324E	14916	57511N	59414	7527N	13688N	5926E
8	5227N	11446W	19300	130	10	2	69	2240E	14866	57832N	59713	7535N	13718N	5730E
8	5226N	11410W	19300	135	10	2	69	2152E	14609	57947N	59761	7550N	13558N	5442E
8	5226N	11335W	19300	140	10	2	69	2204E	14714	57912N	59752	7544N	13636N	5528E
10	5447N	11636W	20200	1850	12	2	69	2523E	13757	58156N	59761	7641N	12428N	5898E
10	5447N	11713W	20200	1855	12	2	69	2536E	13639	58009N	59591	7646N	12299N	5896E
10	5446N	11749W	20200	1900	12	2	69	2546E	13927	57927N	59578	7628N	12542N	6055E
10	5446N	11825W	20200	1905	12	2	69	2518E	14149	57707N	59417	7613N	12792N	6047E
10	5445N	11901W	20200	1910	12	2	69	2516E	14101	57612N	59313	7614N	12751N	6020E
10	5444N	11937W	20200	1915	12	2	69	2529E	14139	58024N	59722	7618N	12762N	6086E
10	5442N	12014W	20200	1920	12	2	69	2701E	14328	57701N	59454	7603N	12763N	6511E
10	5441N	12050W	20200	1925	12	2	69	2649E	14539	57547N	59355	7593N	12975N	6559E
10	5439N	12126W	20200	1930	12	2	69	2648E	14824	57196N	59086	7528N	13230N	6686E
10	5437N	12202W	20200	1935	12	2	69	2638E	14952	57038N	58965	7518N	13363N	6706E
10	5435N	12238W	20200	1940	12	2	69	2627E	14902	56920N	58839	7519N	13348N	6641E
10	5433N	12314W	20200	1945	12	2	69	2648E	15172	56764N	58757	7502N	13541N	6843E
10	5432N	12350W	20200	1950	12	2	69	2644E	15227	56678N	58688	7457N	13599N	6851E
10	5430N	12428W	20200	1955	12	2	69	2713E	15182	56439N	58446	7456N	13500N	6946E
10	5426N	12502W	20200	2000	12	2	69	2633E	15401	56234N	58305	7441N	13775N	6886E
10	5421N	12536W	20200	2005	12	2	69	2647E	15544	56131N	58244	7431N	13875N	7007E
10	5416N	12608W	20200	2010	12	2	69	2701E	15830	55900N	58098	7411N	14102N	7191E
10	5412N	12641W	20200	2015	12	2	69	2625E	15958	55782N	58020	7402N	14290N	7102E
10	5409N	12715W	20200	2020	12	2	69	2729E	16005	55740N	57993	7358N	14198N	7387E
10	5407N	12749W	20200	2025	12	2	69	2709E	16226	55483N	57807	7341N	14438N	7405E
10	5405N	12823W	20200	2030	12	2	69	2624E	16448	55268N	57663	7325N	14731N	7316E
10	5400N	12857W	20200	2035	12	2	69	2639E	16593	55133N	57576	7314N	14829N	7444E
10	5354N	12931W	20200	2040	12	2	69	2702E	16673	54799N	57280	7304N	14850N	7580E
10	5348N	13002W	20200	2045	12	2	69	2628E	16703	54612N	57109	7259N	14951N	7446E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
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10	5335N	13102W	20200	2055	12	2	69	2622E	17119	54303N	56937	7230N	15338N	7603E
10	5332N	13134W	20200	2100	12	2	69	2618E	17271	54114N	56803	7217N	15481N	7655E
10	5330N	13206W	20200	2105	12	2	69	2613E	17259	53971N	56663	7215N	15482N	7627E
10	5326N	13236W	20200	2110	12	2	69	2609E	17429	54068N	56808	7207N	15644N	7684E
10	5256N	13186W	20200	2140	12	2	69	2527E	17485	53891N	56657	7201N	15796N	7495E
10	5303N	13031W	20200	2145	12	2	69	2557E	17148	54250N	56896	7227N	15418N	7504E
10	5309N	12955W	20200	2150	12	2	69	2548E	17127	54364N	56998	7230N	15418N	7456E
10	5315N	12919W	20200	2155	12	2	69	2556E	16770	54727N	57239	7257N	15081N	7334E
10	5320N	12843W	20200	2200	12	2	69	2620E	16823	54639N	57171	7253N	15075N	7466E
10	5324N	12807W	20200	2205	12	2	69	2604E	16780	54958N	57463	7301N	15071N	7376E
10	5329N	12733W	20200	2210	12	2	69	2613E	16535	55282N	57702	7320N	14833N	7306E
10	5333N	12658W	20200	2215	12	2	69	2626E	16216	55542N	57861	7343N	14520N	7220E
10	5337N	12623W	20200	2220	12	2	69	2610E	16052	55642N	57912	7354N	14407N	7079E
10	5341N	12549W	20200	2225	12	2	69	2609E	15922	55746N	57975	7403N	14292N	7018E
10	5343N	12514W	20200	2230	12	2	69	2602E	15982	56023N	58258	7404N	14359N	7017E
10	5346N	12439W	20200	2235	12	2	69	2613E	15636	56299N	58430	7428N	14027N	6908E
10	5348N	12405W	20200	2240	12	2	69	2538E	15549	56370N	58476	7434N	14034N	6695E
10	5350N	12331W	20200	2245	12	2	69	2541E	15578	56344N	58458	7432N	14038N	6754E
10	5353N	12258W	20200	2250	12	2	69	2537E	15371	56482N	58537	7446N	13858N	6649E
10	5354N	12226W	20200	2255	12	2	69	2533E	15311	56571N	58607	7451N	13814N	6604E
11	5249N	12305W	18200	1710	13	2	69	2528E	16107	55949N	58221	7356N	14540N	6928E
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11	5236N	12538W	18200	1735	13	2	69	2537E	16817	55301N	57801	7305N	15163N	7272E
11	5233N	12608W	18200	1740	13	2	69	2606E	17112	55272N	57860	7247N	15365N	7532E
11	5230N	12638W	18200	1745	13	2	69	2557E	17152	54824N	57445	7237N	15421N	7509E
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11	5224N	12736W	18200	1755	13	2	69	2526E	17001	54555N	57143	7241N	15353N	7303E
11	5221N	12805W	18200	1800	13	2	69	2557E	17089	54447N	57066	7234N	15364N	7481E
11	5218N	12834W	18200	1805	13	2	69	2538E	17221	54528N	57183	7228N	15525N	7451E
11	5215N	12903W	18200	1810	13	2	69	2529E	17474	54406N	57144	7211N	15774N	7519E
11	5212N	12933W	18200	1815	13	2	69	2531E	17842	54068N	56936	7144N	16102N	7686E
11	5208N	13001W	18200	1820	13	2	69	2525E	17826	53868N	56741	7141N	16100N	7652E
11	5204N	13030W	18200	1825	13	2	69	2528E	17955	53636N	56562	7129N	16209N	7723E
11	5200N	13057W	18200	1830	13	2	69	2517E	17955	53503N	56435	7126N	16233N	7672E
11	5157N	13126W	18200	1835	13	2	69	2522E	18128	53226N	56229	7111N	16380N	7767E
11	5154N	13154W	18200	1840	13	2	69	2504E	18142	53063N	56078	7107N	16431N	7690E
11	5150N	13223W	18200	1845	13	2	69	2501E	18222	52944N	55992	7100N	16511N	7709E
11	5147N	13250W	18200	1850	13	2	69	2451E	18348	52856N	55950	7051N	16649N	7711E
11	5142N	13320W	18200	1855	13	2	69	2506E	18498	52645N	55801	7038N	16749N	7851E
11	5136N	13350W	18200	1900	13	2	69	2444E	18534	52407N	55588	7031N	16833N	7755E
11	5131N	13420W	18200	1905	13	2	69	2431E	18675	52295N	55529	7020N	16990N	7752E
11	5126N	13450W	18000	1910	13	2	69	2431E	18896	52032N	55357	7002N	17191N	7843E
11	5120N	13519W	18000	1915	13	2	69	2418E	18902	51763N	55107	6956N	17225N	7783E
11	5115N	13548W	18000	1920	13	2	69	2413E	19015	51581N	54974	6945N	17340N	7802E
11	5109N	13617W	18000	1925	13	2	69	2344E	19195	51376N	54845	6930N	17570N	7729E
11	5103N	13647W	18000	1930	13	2	69	2342E	19316	51276N	54794	6921N	17686N	7766E
11	5056N	13715W	18000	1935	13	2	69	2356E	19455	50980N	54567	6906N	17781N	7896E
11	5049N	13744W	18000	1940	13	2	69	2357E	19539	50751N	54383	6856N	17855N	7935E
11	5042N	13813W	18000	1945	13	2	69	2344E	19599	50446N	54120	6846N	17940N	7891E
11	5137N	13728W	19300	2015	13	2	69	2417E	19038	51288N	54708	6938N	17353N	7830E
11	5142N	13658W	19300	2020	13	2	69	2428E	19043	51532N	54938	6943N	17332N	7889E
11	5147N	13629W	19300	2025	13	2	69	2402E	18827	51686N	55008	6959N	17194N	7668E
11	5151N	13559W	19300	2030	13	2	69	2407E	18835	51776N	55096	7000N	17191N	7697E
11	5157N	13527W	19300	2035	13	2	69	2421E	18733	51960N	55234	7010N	17066N	7724E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
11	5202N	13455W	19300	2040	13	2	69	2454E	18550	52211N	55408	7026N	16824N	7814E
11	5207N	13423W	19300	2045	13	2	69	2432E	18463	52425N	55581	7035N	16795N	7669E
11	5212N	13350W	19300	2050	13	2	69	2434E	18409	52527N	55660	7041N	16741N	7657E
11	5217N	13318W	19300	2055	13	2	69	2512E	18261	52884N	55949	7056N	16521N	7779E
11	5221N	13244W	19300	2100	13	2	69	2447E	18042	53085N	56067	7113N	16379N	7565E
11	5225N	13211W	19300	2105	13	2	69	2518E	17941	53192N	56137	7121N	16219N	7668E
11	5229N	13138W	19300	2110	13	2	69	2532E	17826	53502N	56393	7134N	16084N	7685E
11	5234N	13103W	19300	2115	13	2	69	2545E	17469	53788N	56554	7200N	15733N	7592E
11	5240N	13029W	19200	2120	13	2	69	2528E	17480	53912N	56675	7202N	15780N	7519E
11	5245N	12953W	19200	2125	13	2	69	2533E	17403	54001N	56736	7208N	15701N	7507E
11	5250N	12916W	19200	2130	13	2	69	2625E	17217	54390N	57050	7226N	15419N	7661E
11	5256N	12839W	19200	2135	13	2	69	2524E	16991	54581N	57164	7242N	15347N	7290E
11	5302N	12803W	19200	2140	13	2	69	2522E	16850	54657N	57196	7251N	15225N	7220E
11	5306N	12725W	19200	2145	13	2	69	2530E	16938	54947N	57498	7252N	15287N	7294E
11	5311N	12647W	19200	2150	13	2	69	2604E	16705	55404N	57867	7313N	15004N	7343E
11	5315N	12610W	19500	2155	13	2	69	2552E	16438	55610N	57989	7331N	14791N	7173E
11	5320N	12532W	19500	2200	13	2	69	2521E	16111	55770N	58051	7353N	14559N	6901E
11	5323N	12455W	19500	2205	13	2	69	2510E	16100	55688N	57968	7352N	14570N	6850E
11	5325N	12419W	19500	2210	13	2	69	2528E	16065	55945N	58206	7358N	14530N	6911E
11	5328N	12344W	19500	2215	13	2	69	2505E	15831	56142N	58331	7415N	14338N	6713E
12	5257N	12157W	19200	1835	14	2	69	2503E	15696	56241N	58390	7424N	14219N	6647E
12	5258N	12119W	19200	1840	14	2	69	2503E	15737	56373N	58529	7424N	14257N	6663E
12	5259N	12041W	19200	1845	14	2	69	2501E	15532	56574N	58668	7438N	14074N	6571E
12	5300N	12002W	19200	1850	14	2	69	2508E	15488	56716N	58792	7443N	14020N	6580E
12	5302N	11923W	19200	1855	14	2	69	2456E	15370	56924N	58962	7453N	13937N	6480E
12	5304N	11844W	18300	1900	14	2	69	2437E	15265	57124N	59128	7502N	13876N	6361E
12	5305N	11805W	18300	1905	14	2	69	2426E	15153	57300N	59269	7511N	13794N	6271E
12	5306N	11728W	18300	1910	14	2	69	2423E	15049	57432N	59371	7518N	13706N	6213E
12	5306N	11650W	18300	1915	14	2	69	2433E	14809	57700N	59571	7536N	13469N	6155E
12	5307N	11613W	18300	1920	14	2	69	2349E	14598	57853N	59666	7550N	13354N	5894E
12	5307N	11533W	18300	1925	14	2	69	2402E	14474	58005N	59784	7559N	13218N	5897E
12	5307N	11452W	18300	1930	14	2	69	2235E	14344	58122N	59866	7608N	13244N	5509E
12	5307N	11411W	18300	1935	14	2	69	2314E	14227	58077N	59795	7614N	13073N	5612E
12	5348N	11453W	18300	2005	14	2	69	2345E	13930	58409N	60047	7635N	12750N	5612E
12	5348N	11519W	18300	2010	14	2	69	2408E	13963	58303N	59952	7631N	12741N	5710E
12	5347N	11545W	18300	2015	14	2	69	2427E	14109	58263N	59947	7623N	12843N	5842E
12	5347N	11612W	18300	2020	14	2	69	2451E	14234	57983N	59704	7612N	12915N	5983E
12	5347N	11641W	18300	2025	14	2	69	2442E	14353	57959N	59710	7605N	13038N	6000E
12	5346N	11709W	18300	2030	14	2	69	2521E	14444	57805N	59582	7558N	13051N	6187E
12	5346N	11735W	18300	2035	14	2	69	2514E	14392	57661N	59431	7559N	13019N	6136E
12	5346N	11801W	18300	2040	14	2	69	2518E	14469	57614N	59403	7554N	13081N	6183E
12	5345N	11827W	18300	2045	14	2	69	2529E	14637	57457N	59293	7542N	13213N	6298E
12	5345N	11853W	18300	2050	14	2	69	2448E	14770	57287N	59161	7532N	13406N	6198E
12	5343N	11919W	18300	2055	14	2	69			57321N	59235			
12	5342N	11947W	18300	2100	14	2	69			57295N	59267			
12	5340N	12015W	18300	2105	14	2	69			57021N	59045			
12	5339N	12042W	18300	2110	14	2	69	2532E	15421	56856N	58911	7449N	13914N	6649E
12	5337N	12111W	18300	2115	14	2	69	2533E	15427	56684N	58746	7446N	13918N	6654E
12	5336N	12139W	18300	2120	14	2	69	2535E	15498	56571N	58656	7440N	13979N	6693E
12	5334N	12208W	18300	2125	14	2	69	2528E	15613	56417N	58538	7431N	14096N	6714E
12	5355N	12122W	18300	2150	14	2	69	2544E	15244	56758N	58769	7457N	13730N	6621E
12	5356N	12043W	18300	2155	14	2	69	2553E	15227	57014N	59013	7502N	13699N	6649E
12	5358N	12004W	18300	2200	14	2	69	2542E	15070	57410N	59355	7517N	13578N	6537E
12	5400N	11924W	18300	2205	14	2	69	2500E	14598	57711N	59528	7548N	13230N	6170E
12	5401N	11845W	18300	2210	14	2	69	2454E	14444	57420N	59209	7552N	13100N	6084E
12	5403N	11805W	18300	2215	14	2	69	2515E	14300	57500N	59251	7602N	12932N	6101E
12	5405N	11725W	18200	2220	14	2	69	2520E	14162	57736N	59447	7613N	12798N	6062E
12	5406N	11644W	18200	2225	14	2	69	2502E	14039	57997N	59672	7623N	12720N	5941E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	I	Z	F	I	X	Y
12	5407N	11603W	18200	2230	14	2	69	2423E	13893	58074N	59713	7632N	12653N	5737E
12	5408N	11522W	18200	2235	14	2	69	2414E	13813	58145N	59763	7638N	12596N	5670E
12	5428N	11511W	18200	2255	14	2	69	2337E	13545	58503N	60051	7657N	12409N	5430E
12	5428N	11539W	18200	2300	14	2	69	2430E	13627	58608N	60171	7654N	12398N	5654E
12	5427N	11605W	18200	2305	14	2	69	2521E	13898	58335N	59968	7635N	12559N	5951E
12	5427N	11631W	18200	2310	14	2	69	2517E	13931	58045N	59670	7635N	12504N	5910E
12	5426N	11658W	18200	2315	14	2	69	2502E	13931	57937N	59588	7628N	12621N	5897E
12	5425N	11724W	18200	2320	14	2	69	2506E	14081	57799N	59489	7618N	12751N	5975E
12	5425N	11752W	18200	2325	14	2	69	2506E	14226	57719N	59446	7609N	12881N	6037E
12	5424N	11819W	18200	2330	14	2	69	2459E	14350	57571N	59333	7600N	13007N	6063E
12	5423N	11848W	18200	2335	14	2	69	2450E	14365	57519N	59286	7558N	13036N	6034E
12	5422N	11917W	18200	2340	14	2	69	2438E	14439	57478N	59264	7553N	13125N	6019E
12	5421N	11946W	18200	2345	14	2	69	2450E	14657	57612N	59447	7543N	13300N	6159F
12	5420N	12015W	18200	2350	14	2	69	2523E	14775	57619N	59484	7537N	13347N	6335E
12	5419N	12045W	18200	2355	14	2	69	2610E	15073	57516N	59459	7518N	13527N	6649E
12	5418N	12114W	18200	0	15	2	69	2619E	15193	57095N	59082	7505N	13617N	6737E
12	5416N	12144W	18200	5	15	2	69	2617E	15167	56818N	58808	7503N	13598N	6717E
12	5415N	12214W	18200	10	15	2	69	2609E	15109	56725N	58703	7505N	13562N	6660F
12	5412N	12242W	18200	15	15	2	69	2606E	15323	56651N	58687	7451N	13759N	6743E
12	5411N	12311W	18200	20	15	2	69	2608E	15351	56533N	58580	7448N	13781N	6763E
13	5309N	12338W	17300	1825	16	2	69	2544E	15968	55969N	58202	7404N	14383N	6934E
13	5311N	12304W	17300	1830	16	2	69	2527E	15796	56192N	58370	7417N	14261N	6791E
13	5313N	12231W	17300	1835	16	2	69	2542E	15646	56355N	58487	7428N	14098N	6786E
13	5315N	12156W	17300	1840	16	2	69	2506E	15632	56346N	58475	7429N	14154N	6634E
13	5317N	12121W	17300	1845	16	2	69	2501E	15474	56526N	58606	7441N	14021N	6546E
13	5319N	12047W	17300	1850	16	2	69	2513E	15449	56657N	58726	7444N	13975N	6585E
13	5320N	12014W	17300	1855	16	2	69	2502E	15350	56832N	58868	7453N	13908N	6495E
13	5321N	11938W	17300	1900	16	2	69	2439E	15287	56705N	59071	7500N	13893N	6376E
13	5321N	11904W	17300	1905	16	2	69	2422E	15094	57237N	59194	7513N	13749N	6227E
13	5322N	11829W	17200	1910	16	2	69	2455E	15019	57362N	59296	7519N	13620N	6330E
13	5323N	11756W	17200	1915	16	2	69	2417E	14780	57604N	59470	7536N	13473N	6078E
13	5325N	11724W	17200	1920	16	2	69	2418E	14674	57785N	59619	7545N	13373N	6040F
13	5326N	11652W	17200	1925	16	2	69	2420E	14605	57775N	59593	7548N	13306N	6021E
13	5327N	11618W	17200	1930	16	2	69	2346E	14475	57907N	59688	7557N	13246N	5837F
13	5327N	11545W	17200	1935	16	2	69	2341E	14353	58053N	59801	7606N	13143N	5766E
13	5327N	11510W	17200	1940	16	2	69	2338E	14144	58317N	60008	7621N	12957N	5671E
13	5328N	11437W	17200	1945	16	2	69	2224E	13949	58492N	60132	7635N	12895N	5319F
13	5328N	11404W	17200	1950	16	2	69	2225E	13858	58243N	59869	7636N	12811N	5285E
13	5249N	11418W	18200	2015	16	2	69	2244E	14589	58060N	59865	7553N	13455N	5639E
13	5248N	11451W	18200	2020	16	2	69	2259E	14735	57780N	59629	7541N	13564N	5756E
13	5247N	11522W	18200	2025	16	2	69	2252E	14901	57598N	59494	7529N	13730N	5790E
13	5247N	11554W	18200	2030	16	2	69	2300E	15037	57558N	59490	7521N	13840N	5879E
13	5246N	11624W	18300	2035	16	2	69	2308E	15139	57533N	59492	7515N	13920N	5950E
13	5245N	11653W	18300	2040	16	2	69	2329E	15289	57474N	59473	7506N	14021N	6096E
13	5243N	11723W	18300	2045	16	2	69	2358E	15443	57228N	59275	7453N	14111N	6274E
13	5243N	11754W	18300	2050	16	2	69	2344E	15437	57034N	59086	7451N	14130N	6215E
13	5243N	11826W	18300	2055	16	2	69	2403E	15425	56996N	59046	7451N	14086N	6286E
13	5242N	11857W	18300	2100	16	2	69	2415E	15564	56863N	58954	7441N	14189N	6395E
13	5241N	11929W	18300	2105	16	2	69	2424E	15766	56684N	58836	7427N	14357N	6515E
13	5239N	11959W	18300	2110	16	2	69	2420E	15776	56548N	58707	7424N	14372N	6504E
13	5237N	12030W	18300	2115	16	2	69	2443E	15886	56433N	58626	7416N	14431N	6643E
13	5235N	12100W	18300	2120	16	2	69	2447E	15899	56229N	58434	7412N	14434N	6666E
13	5232N	12130W	18300	2125	16	2	69	2412E	16126	56271N	58536	7400N	14708N	6611E
13	5232N	12202W	18300	2130	16	2	69	2440E	16274	56050N	58365	7348N	14787N	6795E
13	5231N	12234W	18300	2135	16	2	69	2453E	16478	55886N	58264	7334N	14947N	6934E
13	5230N	12305W	18300	2140	16	2	69	2504E	16521	55662N	58062	7328N	14963N	7003E
13	5227N	12337W	18300	2145	16	2	69	2529E	16299	55760N	58094	7342N	14713N	7014E
13	5225N	12409W	18300	2150	16	2	69	2515E	16720	55377N	57846	7311N	15122N	7134E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
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13	5220N	12512W	18300	2200	16	2	69	2526E	16870	55272N	57789	7301N	15235N	7245E
13	5217N	12544W	18300	2205	16	2	69	2436E	17171	55012N	57630	7239N	15611N	7149E
13	5213N	12614W	18300	2210	16	2	69	2454E	17270	54631N	57487	7231N	15663N	7273E
13	5210N	12645W	18300	2215	16	2	69	2507E	17268	54589N	57255	7226N	15633N	7334E
13	5207N	12716W	18300	2220	16	2	69	2451E	17471	54446N	57180	7212N	15852N	7345E
13	5205N	12746W	18300	2225	16	2	69	2431E	17527	54367N	57123	7207N	15946N	7273E
15	4954N	12555W	7500	1725	20	2	69	2333E	18445	53514N	56603	7058N	16908N	7373E
15	4951N	12627W	8000	1730	20	2	69	2328E	18483	53306N	56419	7052N	16952N	7364E
15	4948N	12700W	10000	1735	20	2	69	2346E	18653	53157N	56335	7039N	17070N	7520E
15	4945N	12732W	12000	1740	20	2	69	2403E	18782	52901N	56137	7027N	17150N	7658E
15	4942N	12805W	15000	1745	20	2	69			52737N				
15	4937N	12839W	18200	1750	20	2	69			52613N				
15	4932N	12912W	18200	1755	20	2	69	2343E	19108	52463N	55835	6959N	17493N	7688E
15	4927N	12945W	18200	1800	20	2	69	2343E	19169	52344N	55744	6953N	17549N	7711E
15	4923N	13017W	18200	1805	20	2	69	2329E	19335	52021N	55498	6936N	17733N	7705E
15	4919N	13049W	18100	1810	20	2	69	2349E	19516	51876N	55426	6922N	17853N	7883E
15	4914N	13118W	18100	1815	20	2	69	2328E	19512	51671N	55233	6918N	17897N	7772E
15	4909N	13148W	18100	1820	20	2	69	2343E	19480	51568N	55125	6918N	17832N	7840E
15	4903N	13217W	18100	1825	20	2	69	2323E	19667	51329N	54968	6902N	18050N	7809E
15	4859N	13245W	18100	1830	20	2	69	2317E	19765	51210N	54892	6853N	18155N	7813E
15	4855N	13314W	18100	1835	20	2	69	2344E	19866	50946N	54683	6841N	18184N	7999E
15	4851N	13341W	18100	1840	20	2	69	2330E	19977	50773N	54525	6837N	18227N	7929E
15	4847N	13408W	18100	1845	20	2	69	2338E	20099	50599N	54445	6820N	18412N	8061E
15	4843N	13435W	18100	1850	20	2	69	2341E	20091	50306N	54170	6813N	18398N	8072E
15	4838N	13502W	18100	1855	20	2	69	2308E	20153	50205N	54099	6807N	18531N	7923E
15	4833N	13528W	18100	1900	20	2	69	2322E	20364	49862N	53860	6747N	18693N	8079E
15	4829N	13554W	18100	1905	20	2	69	2305E	20355	49811N	53810	6746N	18723N	7985E
15	4824N	13619W	18100	1910	20	2	69	2326E	20610	49512N	53630	6723N	18910N	8197E
15	4819N	13645W	18100	1915	20	2	69	2248E	20680	49274N	53438	6713N	19062N	8019E
15	4814N	13710W	18100	1920	20	2	69	2312E	20841	49007N	53255	6657N	19154N	8214E
15	4808N	13735W	18100	1925	20	2	69	2231E	20803	48732N	52986	6652N	19216N	7970E
15	4802N	13800W	18200	1930	20	2	69	2224E	21009	48703N	53041	6639N	19422N	8011E
15	4756N	13825W	18200	1935	20	2	69	2237E	21037	48341N	52720	6628N	19418N	8094E
15	4750N	13850W	18200	1940	20	2	69	2238E	21023	48111N	52504	6623N	19402N	8094E
15	4744N	13916W	18200	1945	20	2	69	2152E	21274	48088N	52577	6607N	19742N	7928E
15	4738N	13942W	18200	1950	20	2	69	2209E	21522	47759N	52385	6544N	19932N	8128E
15	4732N	14008W	18200	1955	20	2	69	2152E	21462	47590N	52206	6543N	19918N	7994E
15	4727N	14035W	18200	2000	20	2	69	2219E	21393	47572N	52161	6547N	19789N	8129E
15	4720N	14100W	18200	2005	20	2	69	2227E	21306	47253N	51834	6543N	19690N	8139E
15	4713N	14125W	18200	2010	20	2	69	2144E	21714	46906N	51689	6509N	20170N	8041E
15	4706N	14151W	18200	2015	20	2	69	2137E	21624	46714N	51477	6509N	20101N	7971E
15	4700N	14216W	18200	2020	20	2	69	2126E	21603	46653N	51412	6509N	20107N	7899E
15	4653N	14241W	18200	2025	20	2	69	2134E	21816	46339N	51218	6447N	20288N	8021E
15	4645N	14307W	18200	2030	20	2	69	2112E	21860	46051N	50976	6436N	20380N	7906E
15	4638N	14332W	18200	2035	20	2	69	2113E	21823	45978N	50894	6436N	20343N	7901E
15	4630N	14356W	18200	2040	20	2	69	2055E	22045	45637N	50683	6413N	20590N	7875E
15	4621N	14420W	18200	2045	20	2	69	2038E	22031	45531N	50581	6410N	20634N	7719E
15	4614N	14445W	18200	2050	20	2	69	2044E	22061	45386N	50463	6404N	20631N	7812E
15	4654N	14451W	18200	2115	20	2	69	2021E	21945	45609N	50614	6418N	20575N	7632E
15	4703N	14420W	18200	2120	20	2	69	2027E	21848	45892N	50828	6432N	20470N	7638E
15	4712N	14351W	18200	2125	20	2	69	2052E	21744	46115N	50985	6445N	20317N	7748E
15	4721N	14321W	18200	2130	20	2	69	2035E	21688	46312N	51139	6454N	20303N	7625E
15	4729N	14251W	18200	2135	20	2	69	2048E	21697	46576N	51382	6501N	20280N	7710E
15	4738N	14220W	18200	2140	20	2	69	2123E	21429	47055N	51705	6538N	19953N	7817E
15	4747N	14150W	18200	2145	20	2	69	2052E	21539	47340N	52010	6532N	20125N	7677E
15	4756N	14120W	18200	2150	20	2	69	2121E	21367	47329N	51929	6542N	19898N	7784E
15	4803N	14048W	18200	2155	20	2	69	2204E	21124	47892N	52344	6611N	19576N	7937E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
15	4811N	14017W	18200	2200	20	2	69	2209E	20824	48141N	52452	6636N	19286N	7855E
15	4818N	13946W	18200	2205	20	2	69	2234E	20932	48343N	52681	6635N	19329N	8034E
15	4825N	13916W	18200	2210	20	2	69	2230E	20547	48657N	52817	6706N	18983N	7863E
15	4832N	13846W	18200	2215	20	2	69	2248E	20612	48893N	53060	6708N	18999N	7992E
15	4839N	13816W	18200	2220	20	2	69	2234E	20392	49106N	53172	6726N	18830N	7828E
15	4846N	13747W	18200	2225	20	2	69	2246E	20464	49230N	53314	6725N	18868N	7923E
15	4853N	13718W	18200	2230	20	2	69	2310E	20381	49503N	53534	6737N	18737N	8019E
15	4858N	13649W	18200	2235	20	2	69	2251E	20227	49627N	53591	6749N	18638N	7857E
15	4903N	13620W	18800	2240	20	2	69	2314E	20166	50018N	53930	6802N	18530N	7958E
15	4908N	13553W	19500	2245	20	2	69	2244E	20056	50097N	53962	6810N	18496N	7754E
15	4913N	13522W	19500	2250	20	2	69	2314E	19953	50308N	54120	6821N	18332N	7876E
15	4918N	13451W	19500	2255	20	2	69	2309E	19832	50453N	54211	6832N	18234N	7799E
15	4923N	13420W	19500	2300	20	2	69	2325E	19757	50759N	54468	6843N	18129N	7854E
15	4928N	13349W	19500	2305	20	2	69	2326E	19636	50923N	54578	6854N	18015N	7814E
15	4933N	13318W	19500	2310	20	2	69	2337E	19570	51087N	54707	6902N	17930N	7842E
15	4938N	13248W	19500	2315	20	2	69	2315E	19428	51417N	54965	6918N	17848N	7673E
15	4942N	13220W	19500	2320	20	2	69	2324E	19392	51514N	55043	6922N	17796N	7704E
15	4946N	13150W	19500	2325	20	2	69	2324E	19260	51739N	55207	6934N	17675N	7650E
15	4950N	13121W	19200	2330	20	2	69	2321E	19186	51858N	55293	6941N	17613N	7608E
15	4954N	13052W	19200	2335	20	2	69	2335E	19056	52099N	55475	6954N	17464N	7626E
15	4957N	13023W	19200	2340	20	2	69	2350E	18932	52379N	55696	7007N	17316N	7654E
15	5001N	12955W	19200	2345	20	2	69	2319E	19055	52618N	55962	7005N	17498N	7544E
15	5005N	12926W	19200	2350	20	2	69	2257E	18864	52610N	55890	7016N	17370N	7358E
15	5008N	12859W	19200	2355	20	2	69	2323E	18730	52816N	56039	7028N	17191N	7437E
15	5012N	12831W	19200	0	21	2	69	2319E	18775	52881N	56116	7027N	17240N	7435E
15	5015N	12803W	19200	5	21	2	69	2337E	18637	53094N	56270	7039N	17074N	7470E
15	5020N	12735W	19200	10	21	2	69	2337E	18496	53335N	56451	7052N	16945N	7415E
15	5024N	12707W	19200	15	21	2	69	2355E	18436	53510N	56597	7059N	16852N	7476E
15	5028N	12639W	19200	20	21	2	69	2410E	18340	53657N	56705	7107N	16732N	7511E
15	5032N	12611W	19200	25	21	2	69	2355E	18419	54498N	57526	7119N	16835N	7472E
15	5034N	12543W	19200	30	21	2	69	2359E	17438	54491N	57213	7215N	15931N	7089E
15	5036N	12514W	19200	35	21	2	69	2344E	17407	54257N	56982	7212N	15935N	7007E
15	5038N	12446W	19200	40	21	2	69	2353E	17546	54321N	57085	7205N	16043N	7185E
15	5041N	12418W	19200	45	21	2	69	2341E	17509	54467N	57212	7210N	16032N	7037E
15	5043N	12351W	19200	50	21	2	69	2352E	17479	54557N	57289	7214N	15984N	7072E
15	5045N	12323W	19100	55	21	2	69	2354E	17395	54772N	57468	7222N	15903N	7050E
15	5047N	12256W	19100	100	21	2	69	2334E	17339	54857N	57532	7227N	15891N	6936E
16	5509N	12353W	18200	1930	22	2	69	2818E	14773	56754N	58645	7524N	13007N	7005E
16	5507N	12428W	18200	1935	22	2	69	2738E	14967	56646N	58590	7511N	13259N	6943E
16	5503N	12504W	18200	1940	22	2	69	2747E	15170	56392N	58397	7456N	13419N	7075E
16	5500N	12539W	18200	1945	22	2	69	2709E	15254	56229N	58262	7449N	13573N	6961E
16	5456N	12615W	18200	1950	22	2	69	2730E	15529	56144N	58252	7432N	13773N	7171E
16	5453N	12652W	18200	1955	22	2	69	2745E	15465	55936N	58035	7432N	13686N	7201E
16	5450N	12728W	18200	2000	22	2	69	2731E	15632	55854N	58000	7421N	13862N	7225E
16	5447N	12804W	18200	2005	22	2	69	2730E	15807	55714N	57913	7409N	14020N	7301E
16	5443N	12840W	18200	2010	22	2	69	2723E	15998	55487N	57748	7354N	14205N	7360E
16	5438N	12915W	18200	2015	22	2	69	2702E	16062	55273N	57559	7347N	14306N	7301E
16	5433N	12950W	18200	2020	22	2	69	2718E	16281	55217N	57568	7334N	14466N	7470E
16	5427N	13026W	18200	2025	22	2	69	2649E	16548	54814N	57257	7312N	14768N	7465E
16	5424N	13102W	18200	2030	22	2	69	2647E	16510	54638N	57078	7311N	14737N	7444E
16	5421N	13138W	18200	2035	22	2	69	2639E	16691	54562N	57058	7259N	14917N	7488E
16	5417N	13213W	18200	2040	22	2	69	2640E	16870	54338N	56897	7245N	15075N	7572E
16	5414N	13250W	18200	2045	22	2	69	2631E	16948	54134N	56725	7236N	15163N	7570E
16	5410N	13326W	18200	2050	22	2	69	2641E	17108	53929N	56577	7223N	15285N	7685E
16	5405N	13401W	18200	2055	22	2	69	2622E	17239	53690N	56390	7211N	15445N	7657E
16	5359N	13436W	18200	2100	22	2	69	2639E	17268	53501N	56219	7206N	15433N	7746E
16	5353N	13510W	18200	2105	22	2	69	2558E	17471	53277N	56068	7150N	15707N	7651E
16	5347N	13544W	18200	2110	22	2	69	2534E	17680	53077N	55944	7134N	15947N	7634E

A THREE-COMPONENT AEROMAGNETIC SURVEY OF BRITISH COLUMBIA AND THE ADJACENT PACIFIC OCEAN

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
16	5341N	13618W	18200	2115	22	2	69	2534E	17901	52845N	55795	7117N	16148N	7727E
16	5334N	13652W	18200	2120	22	2	69	2506E	17931	52725N	55690	7113N	16237N	7687E
16	5329N	13728W	18200	2125	22	2	69	2531E	18129	52541N	55581	7057N	16360N	7810E
16	5247N	13717W	18000	2150	22	2	69	2503E	18314	52164N	55286	7039N	16591N	7754E
16	5253N	13653W	18000	2155	22	2	69	2456E	18113	52423N	55464	7056N	16424N	7637E
16	5258N	13628W	18000	2200	22	2	69	2502E	18087	52520N	55548	7059N	16387N	7657E
16	5302N	13601W	18000	2205	22	2	69	2509E	17948	52646N	55622	7110N	16245N	7632E
16	5305N	13533W	18000	2210	22	2	69	2517E	17945	52726N	55696	7112N	16224N	7669E
16	5309N	13506W	18000	2215	22	2	69	2519E	17821	52850N	55774	7121N	16109N	7621E
16	5322N	13345W	18000	2230	22	2	69	2541E	17507	53372N	56170	7150N	15776N	7591E
16	5326N	13318W	18000	2235	22	2	69	2553E	17432	53557N	56323	7158N	15681N	7613E
16	5239N	13323W	18200	2310	22	?	69	2533E	17964	53141N	56096	7119N	16206N	7751E
16	5235N	13356W	18200	2315	22	2	69	2503E	18054	52910N	55906	7109N	16354N	7648E
16	5231N	13430W	18200	2320	22	2	69	2455E	18152	52802N	55835	7101N	16461N	7650E
16	5227N	13504W	18200	2325	22	2	69	2458E	18312	52494N	55596	7046N	16600N	7730E
16	5222N	13538W	18200	2330	22	2	69	2450E	18402	52326N	55467	7037N	16700N	7729E
16	5215N	13611W	18200	2335	22	2	69	2443E	18637	52054N	55290	7018N	16927N	7797E
16	5403N	13733W	18200	15	23	2	69	2547E	17527	52739N	55576	7136N	15781N	7625E
16	5409N	13704W	18200	20	23	2	69	2541E	17666	52900N	55772	7131N	15919N	7660E
16	5416N	13636W	18200	25	23	2	69	2536E	17601	53002N	55848	7137N	15871N	7609E
16	5421N	13608W	18200	30	23	2	69	2557E	17408	53148N	55926	7151N	15651N	7621E
16	5425N	13539W	18200	35	23	2	69	2556E	17347	53349N	56099	7159N	15599N	7589E
16	5429N	13509W	18200	40	23	2	69	2547E	17205	53576N	56271	7211N	15490N	7488E
16	5432N	13439W	18200	45	23	2	69	2549E	17135	53683N	56351	7217N	15424N	7464E
16	5436N	13409W	18200	50	23	2	69	2611E	16999	53896N	56513	7229N	15253N	7503E
16	5439N	13339W	18200	55	23	2	69	2630E	16884	54085N	56659	7239N	15108N	7537E
16	5443N	13309W	18200	100	23	2	69	2639E	16718	54375N	56887	7254N	14941N	7501E
16	5447N	13239W	18200	105	23	2	69	2643E	16592	54545N	57013	7304N	14821N	7459E
16	5451N	13209W	18200	110	23	2	69	2634E	16463	54841N	57259	7317N	14724N	7363E
16	5456N	13139W	18200	115	23	2	69	2644E	16067	54801N	57108	7339N	14348N	7230E
16	5501N	13109W	18200	120	23	2	69	2703E	16076	54878N	57184	7340N	14316N	7312E
16	5505N	13038W	18200	125	23	2	69	2718E	16135	55133N	57446	7341N	14338N	7401E
16	5509N	13007W	18200	130	23	2	69	2720E	15956	55493N	57715	7403N	14086N	7281E
16	5513N	12936W	18200	135	23	2	69	2716E	15739	55552N	57739	7410N	13989N	7212E
16	5517N	12905W	18200	140	23	2	69	2727E	15568	55630N	57768	7421N	13815N	7178E
16	5521N	12833W	18200	145	23	2	69	2731E	15479	55778N	57886	7429N	13728N	7152E
16	5524N	12800W	18200	150	23	2	69	2737E	15289	55939N	57991	7442N	13545N	7091E
16	5527N	12728W	18200	155	23	2	69	2737E	15177	56053N	58071	7450N	13446N	7038E
16	5531N	12656W	18200	200	23	2	69	2744E	15115	56176N	58174	7456N	13378N	7034E
16	5534N	12624W	18200	205	23	2	69	2746E	14935	56425N	58368	7510N	13215N	6958E
16	5537N	12553W	18200	210	23	2	69	2744E	14811	56491N	58401	7518N	13109N	6895E
16	5541N	12520W	18200	215	23	2	69	2723E	14733	56622N	58508	7524N	13081N	6778E
16	5545N	12448W	18200	220	23	2	69	2725E	14584	56768N	58611	7535N	12945N	6717E
16	5547N	12415W	18200	225	23	2	69	2740E	14436	56984N	58784	7547N	12785N	6704E
16	5548N	12343W	18200	230	23	?	69	2730E	14311	57104N	58870	7555N	12692N	6611E
17	5202N	12739W	16200	2040	23	2	69	2456E	17360	54476N	57175	7219N	15741N	7320E
17	5159N	12812W	16200	2045	23	2	69	2523E	17357	54422N	57123	7218N	15680N	7443E
17	5156N	12846W	16200	2050	23	2	69	2536E	17683	54105N	56922	7154N	15945N	7644E
17	5153N	12920W	16200	2055	23	2	69	2522E	17864	53847N	56733	7138N	16141N	7655E
17	5150N	12954W	16200	2100	23	2	69	2524E	17778	53690N	56557	7140N	16059N	7628E
17	5144N	13028W	16200	2105	23	2	69	2447E	18184	53362N	56376	7110N	16508N	7627E
17	5139N	13101W	16200	2110	23	2	69	2455E	18206	53075N	56111	7103N	16509N	7674E
17	5133N	13135W	16000	2115	23	2	69	2503E	18357	52905N	56000	7051N	16629N	7774E
17	5127N	13208W	16000	2120	23	2	69	2455E	18449	52759N	55892	7043N	16730N	7777E
17	5122N	13242W	16000	2125	23	2	69	2434E	18577	52478N	55669	7030N	16894N	7726E
17	5117N	13316W	16000	2130	23	2	69	2448E	18720	52405N	55648	7020N	16993N	7852E
17	5112N	13350W	16000	2135	23	2	69	2428E	18794	52043N	55333	7008N	17105N	7787E
17	5108N	13424W	16000	2140	23	2	69	2434E	18915	51905N	55244	6958N	17200N	7868E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	I	Z	F	I	X	Y
17	5103N	13457W	16000	2145	23	2	69	2437E	19052	51543N	54952	6942N	17321N	7936E
17	5101N	13700W	16000	2205	23	2	69	2407E	19428	51048N	54620	6909N	17730N	7942E
17	5054N	13733W	16000	2210	23	2	69	2352E	19518	50761N	54384	6858N	17847N	7901E
17	5047N	13806W	16000	2215	23	2	69	2333E	19602	50393N	54071	6844N	17969N	7833E
17	5041N	13839W	16000	2220	23	2	69	2339E	19697	50302N	54021	6836N	18042N	7902E
17	5031N	13909W	16200	2225	23	2	69	2318E	19844	49908N	53708	6818N	18225N	7851E
17	5022N	13941W	16200	2230	23	2	69	2307E	20007	49840N	53706	6807N	18399N	7859E
17	5013N	14011W	16200	2235	23	2	69	2247E	20022	49473N	53372	6757N	18460N	7754E
17	5005N	14041W	16200	2240	23	2	69	2252E	20107	49391N	53327	6750N	18526N	7814E
17	4957N	14110W	16200	2245	23	2	69	2314E	20354	49038N	53094	6727N	18702N	8031E
17	4950N	14139W	16200	2250	23	2	69	2227E	20392	48892N	52975	6721N	18846N	7787E
17	4943N	14207W	16200	2255	23	2	69	2238E	20587	48578N	52760	6701N	19001N	7924E
17	4936N	14234W	16200	2300	23	2	69	2208E	20600	48444N	52642	6657N	19080N	7764E
17	4930N	14301W	16200	2305	23	2	69	2244E	20614	48221N	52443	6651N	19012N	7968E
17	4923N	14328W	16200	2310	23	2	69	2234E	20630	48054N	52296	6645N	19050N	7920E
17	4916N	14354W	16200	2315	23	2	69	2158E	20914	47595N	51987	6616N	19395N	7825E
17	4909N	14420W	16200	2320	23	2	69	2211E	20921	47474N	51879	6613N	19371N	7904E
17	4901N	14446W	16200	2325	23	2	69	2131E	20936	47166N	51604	6603N	19476N	7681E
17	4854N	14511W	16200	2330	23	2	69	2146E	21180	47120N	51661	6547N	19670N	7854E
17	4847N	14538W	16200	2335	23	2	69	2119E	21279	46677N	51299	6529N	19821N	7740E
17	4840N	14605W	16200	2340	23	2	69	2053E	21360	46463N	51138	6518N	19957N	7615E
17	4833N	14631W	16200	2345	23	2	69	2034E	21437	46325N	51045	6510N	20070N	7533E
17	4826N	14658W	16200	2350	23	2	69	2020E	21433	46183N	50915	6506N	20097N	7449E
17	4818N	14727W	16200	2355	23	2	69	2020E	21650	45989N	50831	6447N	20301N	7524E
17	4853N	14733W	16200	25	24	2	69	2049E	21357	46510N	51179	6520N	19963N	7590E
17	4900N	14707W	16200	30	24	2	69	2036E	21184	46738N	51315	6537N	19829N	7455E
17	4909N	14641W	16200	35	24	2	69	2101E	21170	46864N	51425	6541N	19761N	7595E
17	4916N	14615W	16200	40	24	2	69	2103E	21074	47028N	51535	6551N	19666N	7574E
17	4923N	14549W	16200	45	24	2	69	2127E	21052	47187N	51670	6557N	19593N	7698E
17	4931N	14523W	16200	50	24	2	69	2134E	20934	47738N	52126	6619N	19467N	7697E
17	4939N	14456W	16200	55	24	2	69	2111E	20902	47697N	52036	6626N	19395N	7519E
17	4946N	14429W	16200	100	24	2	69	2127E	20843	47919N	52256	6629N	19399N	7624E
17	4954N	14409W	16200	105	24	2	69	2155E	20676	48189N	52438	6646N	19181N	7720E
17	5002N	14332W	16200	110	24	2	69	2225E	20671	48501N	52722	6654N	19109N	7884E
17	5009N	14303W	16200	115	24	2	69	2232E	20415	48666N	52775	6714N	18855N	7826E
17	5017N	14235W	16200	120	24	2	69	2246E	20145	49097N	53069	6741N	18574N	7799E
17	5026N	14206W	16200	125	24	2	69	2239E	20047	49120N	53053	6747N	18500N	7724E
17	5035N	14138W	16200	130	24	2	69	2251E	19948	49480N	53350	6802N	18381N	7749E
17	5043N	14109W	16200	135	24	2	69	2324E	19967	49475N	53353	6801N	18325N	7930E
17	5049N	14041W	16200	140	24	2	69	2318E	19884	49894N	53710	6816N	18260N	7869E
17	5054N	14013W	16200	145	24	2	69	2311E	19760	49968N	53733	6825N	18163N	7782E
17	5100N	13945W	16200	150	24	2	69	2324E	19703	50096N	53832	6831N	18081N	7828E
17	5105N	13916W	16200	155	24	2	69	2351E	19610	50336N	54021	6842N	17934N	7932E
17	5111N	13849W	16200	200	24	2	69	2407E	19470	50575N	54193	6856N	17769N	7958E
17	5117N	13821W	16200	205	24	2	69	2354E	19368	50748N	54319	6906N	17707N	7848E
17	5123N	13753W	16200	210	24	2	69	2423E	19323	50872N	54418	6912N	17598N	7981E
17	5129N	13727W	16200	215	24	2	69	2412E	19213	51163N	54652	6925N	17522N	7880E
17	5135N	13701W	16200	220	24	2	69	2448E	19172	51316N	54781	6930N	17403N	8043E
17	5132N	13553W	16000	235	24	2	69	2435E	18995	51605N	54990	6947N	17271N	7907E
17	5137N	13525W	16000	240	24	2	69	2439E	18843	51856N	55174	7001N	17124N	7864E
17	5142N	13457W	16000	245	24	2	69	2444E	18828	51999N	55303	7005N	17098N	7882E
17	5146N	13429W	16000	250	24	2	69	2450E	18711	52272N	55520	7018N	16978N	7862E
17	5150N	13401W	16000	255	24	2	69	2447E	18424	52453N	55594	7038N	16725N	7726E
17	5154N	13333W	16000	300	24	2	69	2519E	18370	52576N	55693	7044N	16603N	7860E
17	5159N	13305W	16000	305	24	2	69	2459E	18401	52917N	56026	7049N	16679N	7772E
17	5203N	13236W	16000	310	24	2	69	2419E	18370	52930N	56028	7051N	16738N	7569E
17	5208N	13208W	16000	315	24	2	69	2515E	18064	53178N	56162	7114N	16336N	7709E
17	5212N	13138W	16000	320	24	2	69	2518E	18073	53352N	56330	7117N	16339N	7726E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
17	5218N	13107W	16000	325	24	2	69	2509E	17952	53665N	56588	7130N	16249N	7630E
17	5223N	13036W	16000	330	24	2	69	2511E	17684	53749N	56584	7147N	16002N	7528E
17	5227N	13004W	16000	335	24	2	69	2543E	17545	53823N	56611	7156N	15806N	7616E
17	5232N	12929W	16000	340	24	2	69	2612E	17262	54112N	56799	7218N	15487N	7623E
17	5237N	12854W	16030	345	24	2	69	2517E	17138	54582N	57209	7234N	15495N	7324E
17	5241N	12819W	16000	350	24	2	69	2511E	17014	54436N	57034	7238N	15396N	7242E
17	5245N	12745W	16000	355	24	2	69	2527E	16925	54587N	57151	7246N	15282N	7274E
17	5247N	12710W	16000	400	24	2	69	2546E	16960	54789N	57355	7247N	15273N	7374E
17	5250N	12635W	16000	405	24	2	69	2606E	16882	55153N	57679	7258N	15160N	7427E
17	5253N	12600W	16000	410	24	2	69	2529E	16624	55425N	57865	7318N	15008N	7149E
17	5255N	12524W	16000	415	24	2	69	2458E	16568	55337N	57764	7319N	15018N	6996E
17	5257N	12449W	16000	420	24	2	69	2517E	16472	55532N	57924	7328N	14894N	7036E
17	5301N	12414W	16000	425	24	2	69	2516E	16315	55727N	58066	7340N	14752N	6967E
17	5304N	12338W	16000	430	24	2	69	2519E	16159	55869N	58159	7352N	14608N	6908E
17	5307N	12304W	16000	435	24	2	69	2507E	15966	56129N	58356	7407N	14456N	6777E
18	5409N	12401W	16000	1705	24	2	69	2646E	15393	56341N	58406	7443N	13743N	6935E
18	5407N	12436W	16000	1710	24	2	69	2646E	15445	56121N	58208	7436N	13788N	6959E
18	5404N	12511W	16300	1715	24	2	69	2637E	15517	56118N	58224	7432N	13872N	6953E
18	5400N	12547W	16300	1720	24	2	69	2705E	15856	55904N	58109	7409N	14117N	7219E
18	5356N	12622W	16300	1725	24	2	69	2640E	15875	55589N	57811	7403N	14186N	7125E
18	5353N	12656W	16300	1730	24	2	69	2639E	16067	55678N	57950	7354N	14359N	7208E
18	5349N	12730W	16300	1735	24	2	69	2636E	16197	55467N	57783	7343N	14483N	7252E
18	5345N	12802W	16300	1740	24	2	69	2644E	16399	55356N	57734	7329N	14645N	7381E
18	5341N	12835W	16300	1745	24	2	69	2657E	16697	55027N	57505	7307N	14883N	7568E
18	5336N	12906W	16300	1750	24	2	69	2625E	16752	54657N	57167	7257N	15001N	7456E
18	5332N	12938W	16300	1755	24	2	69	2539E	16857	54753N	57289	7253N	15195N	7299E
18	5328N	13009W	16200	1800	24	2	69	2555E	17299	54467N	57149	7222N	15559N	7561E
18	5324N	13041W	16200	1805	24	2	69	2612E	16943	54246N	56843	7236N	15237N	7500E
18	5320N	13114W	16200	1810	24	2	69	2557E	17264	54049N	56739	7217N	15522N	7557E
18	5315N	13147W	16200	1815	24	2	69	2551E	17364	53819N	56551	7207N	15625N	7573E
18	5311N	13221W	16200	1820	24	2	69	2548E	17517	53766N	56548	7157N	15769N	7628E
18	5306N	13254W	16200	1825	24	2	69	2547E	17698	53501N	56352	7141N	15944N	7681E
18	5300N	13327W	16200	1830	24	2	69	2545E	17797	53370N	56260	7133N	16029N	7733E
18	5253N	13359W	16200	1835	24	2	69	2531E	17831	53155N	56066	7127N	16091N	7681E
18	5248N	13432W	16200	1840	24	2	69	2526E	17972	52994N	55959	7115N	16229N	7721E
18	5243N	13505W	16200	1845	24	2	69	2518E	18110	52690N	55716	7101N	16373N	7740E
18	5239N	13538W	16100	1850	24	2	69	2524E	18290	52523N	55617	7047N	16521N	7848E
18	5233N	13612W	16100	1855	24	2	69	2521E	18335	52254N	55378	7039N	16570N	7850E
18	5227N	13646W	16100	1900	24	2	69	2456E	18347	52158N	55291	7037N	16637N	7735E
18	5221N	13719W	16100	1905	24	2	69	2501E	18703	51777N	55052	7008N	16946N	7913E
18	5214N	13753W	16100	1910	24	2	69	2459E	18834	51525N	54860	6955N	17069N	7959E
18	5207N	13828W	16100	1915	24	2	69	2425E	18923	51361N	54736	6946N	17230N	7823E
18	5159N	13901W	16100	1920	24	2	69	2431E	19129	51126N	54587	6929N	17403N	7941E
18	5151N	13935W	16100	1925	24	2	69	2441E	19202	50790N	54299	6917N	17447N	8020E
18	5142N	14008W	16100	1930	24	2	69	2404E	19284	50573N	54125	6907N	17606N	7867E
18	5135N	14039W	16200	1935	24	2	69	2334E	19425	50253N	53877	6851N	17804N	7769E
18	5126N	14109W	16200	1940	24	2	69	2346E	19623	50224N	53922	6839N	17959N	7909E
18	5118N	14139W	16200	1945	24	2	69	2335E	19712	49811N	53570	6824N	18065N	7889E
18	5111N	14208W	16200	1950	24	2	69	2345E	19807	49634N	53440	6814N	18129N	7977E
18	5103N	14237W	16200	1955	24	2	69	2239E	19764	49443N	53247	6812N	18238N	7616E
18	5055N	14305W	16200	2000	24	2	69	2259E	20002	49095N	53013	6749N	18412N	7814E
18	5049N	14334W	16200	2005	24	2	69	2318E	20354	49008N	53067	6726N	18692N	8056E
18	5044N	14402W	16200	2010	24	2	69	2245E	20438	48549N	52675	6710N	18846N	7907E
18	5038N	14430W	16000	2015	24	2	69	2217E	20487	48369N	52529	6702N	18956N	7770E
18	5029N	14459W	16000	2020	24	2	69	2156E	20414	48265N	52405	6704N	18936N	7626E
18	5020N	14528W	16000	2025	24	2	69	2237E	20667	47997N	52258	6642N	19093N	7910E
18	5012N	14556W	16300	2030	24	2	69	2149E	20658	47822N	52094	6638N	19178N	7678E
18	5002N	14624W	16300	2035	24	2	69	2143E	20803	47550N	51902	6622N	19326N	7700E

FL	LAT	LONG	ALT	GMT	DA	MO	YP	D	H	Z	F	I	X	Y
18	4952N	14651W	16300	2040	24	2	69	2110E	20945	47210N	51648	6604N	19530N	7566E
18	4942N	14718W	16300	2045	24	2	69	2102E	20965	47102N	51557	6600N	19567N	7527E
18	4933N	14744W	16300	2050	24	2	69	2103E	21167	46741N	51311	6538N	19754N	7604E
18	4926N	14810W	16300	2055	24	2	69	2054E	21238	46679N	51284	6532N	19840N	7578E
18	5000N	14857W	16300	2120	24	2	69	2049E	20879	46943N	51377	6601N	19515N	7423E
18	5009N	14830W	16300	2125	24	2	69	2127E	20820	47061N	51461	6608N	19376N	7618E
18	5036N	14708W	16300	2140	24	2	69	2209E	20398	47968N	52125	6657N	18892N	7691E
18	5045N	14641W	16300	2145	24	2	69	2214E	20203	48106N	52176	6713N	18700N	7647E
18	5054N	14613W	16300	2150	24	2	69	2221E	20214	48306N	52365	6717N	18693N	7691E
18	5102N	14545W	16300	2155	24	2	69	2237E	20194	48355N	52403	6719N	18640N	7769E
18	5111N	14517W	16300	2200	24	2	69	2312E	20099	48795N	52773	6736N	18473N	7920E
18	5118N	14450W	16300	2205	24	2	69	2237E	19966	48787N	52715	6744N	18430N	7679E
18	5125N	14423W	16300	2210	24	2	69	2308E	20046	49097N	53032	6747N	18433N	7877E
18	5132N	14355W	16300	2215	24	2	69	2307E	19823	49385N	53215	6807N	18231N	7785E
18	5139N	14327W	16300	2220	24	2	69	2314E	19734	49522N	53309	6816N	18132N	7787E
18	5146N	14300W	16300	2225	24	2	69	2301E	19859	49908N	53714	6818N	18275N	7770E
18	5153N	14233W	16300	2230	24	2	69	2300E	19524	50219N	53881	6845N	17972N	7629E
18	5200N	14205W	16300	2235	24	2	69	2353E	19432	49894N	53545	6843N	17766N	7872E
18	5206N	14138W	16300	2240	24	2	69	2336E	19711	50306N	54030	6836N	18060N	7896E
18	5212N	14109W	16300	2245	24	2	69	2353E	19031	50557N	54021	6922N	17400N	7707E
18	5218N	14041W	16300	2250	24	2	69	2403E	19091	50694N	54170	6921N	17432N	7782E
18	5224N	14012W	16300	2255	24	2	69	2353E	19054	50793N	54249	6926N	17421N	7717E
18	5230N	13944W	16300	2300	24	2	69	2410E	18996	51058N	54477	6935N	17329N	7781E
18	5236N	13915W	16300	2305	24	2	69	2430E	18876	51250N	54616	6946N	17175N	7831E
18	5241N	13845W	16300	2310	24	2	69	2418E	18636	51543N	54809	7007N	16983N	7672E
18	5247N	13816W	16300	2315	24	2	69	2449E	18603	51608N	54858	7010N	16884N	7808E
18	5251N	13747W	16300	2320	24	2	69	2433E	18508	51880N	55082	7021N	16834N	7692E
18	5257N	13718W	16300	2325	24	2	69	2452E	18461	52070N	55246	7028N	16749N	7764E
18	5304N	13649W	16300	2330	24	2	69	2451E	18385	52236N	55377	7036N	16682N	7728E
18	5310N	13620W	16300	2335	24	2	69	2458E	18201	52395N	55467	7050N	16499N	7684E
18	5315N	13551W	16300	2340	24	2	69	2509E	18077	52608N	55627	7102N	16361N	7685E
18	5321N	13523W	16300	2345	24	2	69	2521E	17976	52722N	55702	7118N	16243N	7701E
18	5326N	13453W	16300	2350	24	2	69	2529E	17950	52989N	55947	7117N	16203N	7725E
18	5332N	13424W	16300	2355	24	2	69	2534E	17766	53194N	56082	7131N	16025N	7669E
18	5336N	13354W	16300	0	25	2	69	2602E	17602	53367N	56195	7144N	15815N	7727E
18	5342N	13324W	16300	5	25	2	69	2607E	17457	53580N	56353	7157N	15673N	7687E
18	5347N	13253W	16300	10	25	2	69	2608E	17425	54055N	56794	7207N	15643N	7676E
18	5351N	13223W	16300	15	25	2	69	2543E	17099	53985N	56629	7225N	15404N	7420E
18	5356N	13151W	16300	20	25	2	69	2644E	16979	54157N	56756	7235N	15163N	7639E
18	5400N	13119W	16300	25	25	2	69	2643E	16998	54398N	56992	7238N	15181N	7645E
18	5404N	13047W	16300	30	25	2	69	2637E	16634	54564N	57043	7302N	14870N	7454E
18	5409N	13014W	16300	35	25	2	69	2636E	16525	54669N	57112	7310N	14773N	7403E
18	5412N	12941W	16300	40	25	2	69	2649E	16541	54926N	57363	7314N	14762N	7463E
18	5417N	12908W	16300	45	25	2	69	2656E	16277	55181N	57532	7333N	14511N	7375E
18	5420N	12835W	16300	50	25	2	69	2654E	16194	55344N	57665	7341N	14441N	7329E
18	5424N	12802W	16200	55	25	2	69	2653E	16048	55459N	57735	7351N	14313N	7258E
18	5428N	12729W	16200	100	25	2	69	2716E	15930	55664N	57899	7401N	14158N	7300E
18	5432N	12656W	16200	105	25	2	69	2643E	15670	55938N	58091	7420N	13996N	7047E
18	5435N	12621W	16200	110	25	2	69	2659E	15765	55935N	58115	7415N	14047N	7157E
18	5439N	12545W	16200	115	25	2	69	2641E	15530	56207N	58313	7433N	13875N	6975E
18	5442N	12510W	16200	120	25	2	69	2638E	15425	56299N	58374	7440N	13787N	6916E
18	5445N	12434W	16200	125	25	2	69	2640E	15262	56441N	58468	7452N	13638N	6850E
18	5447N	12359W	16200	130	25	2	69	2733E	15052	56649N	58615	7507N	13344N	6964E
19	5527N	12405W	18300	1700	25	2	69	2807E	14568	56910N	58745	7538N	12848N	6866E
19	5524N	12445W	18300	1705	25	2	69	2726E	14579	56713N	58557	7534N	12939N	6719E
19	5520N	12523W	18300	1710	25	2	69	2727E	14891	56520N	58449	7514N	13213N	6866E
19	5517N	12603W	18300	1715	25	2	69	2741E	15069	56494N	58469	7503N	13343N	7003E
19	5514N	12643W	18300	1720	25	2	69	2808E	15270	56237N	58273	7448N	13464N	7202E

A THREE-COMPONENT AEROMAGNETIC SURVEY OF BRITISH COLUMBIA AND THE ADJACENT PACIFIC OCEAN

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
19	5510N	12722W	18300	1725	25	2	69	2743E	15378	56022N	58094	7438N	13612N	7155E
19	5506N	12801W	18300	1730	25	2	69	2743E	15488	55755N	57866	7428N	13711N	7204E
19	5501N	12840W	18300	1735	25	2	69	2723E	15605	55569N	57719	7418N	13854N	7181E
19	5456N	12919W	18300	1740	25	2	69	2708E	15758	55453N	57648	7408N	14024N	7187E
19	5451N	12958W	18300	1745	25	2	69	2724E	16143	55242N	57553	7342N	14332N	7430E
19	5446N	13035W	18300	1750	25	2	69	2722E	16321	54923N	57297	7327N	14494N	7502E
19	5441N	13113W	18300	1755	25	2	69	2650E	16467	54710N	57135	7314N	14693N	7434E
19	5437N	13151W	18300	1800	25	2	69	2638E	16692	54715N	57205	7302N	14920N	7484E
19	5434N	13229W	18300	1805	25	2	69	2631E	16754	54354N	56878	7252N	14991N	7481E
19	5430N	13307W	18300	1810	25	2	69	2625E	16920	54203N	56782	7239N	15151N	7531E
19	5423N	13343W	18300	1815	25	2	69	2650E	17063	53924N	56559	7226N	15225N	7704E
19	5415N	13418W	18300	1820	25	2	69	2626E	17257	53669N	56376	7210N	15451N	7686E
19	5408N	13454W	18300	1825	25	2	69	2611E	17369	53487N	56237	7200N	15585N	7668E
19	5402N	13530W	18300	1830	25	2	69	2603E	17545	53241N	56058	7145N	15762N	7708E
19	5357N	13607W	18300	1835	25	2	69	2554E	17628	53039N	55892	7136N	15857N	7701E
19	5350N	13643W	18300	1840	25	2	69	2550E	17786	52897N	55808	7124N	16006N	7755E
19	5342N	13719W	18300	1845	25	2	69	2551E	17945	52680N	55652	7111N	16148N	7826E
19	5337N	13753W	18300	1850	25	2	69	2543E	18255	52548N	55629	7050N	16446N	7922E
19	5331N	13826W	18300	1855	25	2	69	2522E	18273	52082N	55195	7039N	16509N	7833E
19	5325N	13900W	18300	1900	25	2	69	2512E	18365	51949N	55100	7031N	16617N	7821E
19	5318N	13934W	18300	1905	25	2	69	2500E	18534	51683N	54906	7016N	16797N	7834E
19	5311N	14009W	18300	1910	25	2	69	2444E	18668	51384N	54670	7001N	16954N	7814E
19	5303N	14044W	18300	1915	25	2	69	2431E	18796	51240N	54579	6951N	17100N	7803E
19	5255N	14115W	18300	1920	25	2	69	2416E	18855	50971N	54347	6941N	17187N	7753E
19	5247N	14147W	18300	1925	25	2	69	2421E	19036	50870N	54315	6928N	17341N	7852E
19	5239N	14218W	18300	1930	25	2	69	2355E	19150	50455N	53967	6912N	17504N	7766E
19	5232N	14251W	18300	1935	25	2	69	2347E	19312	50497N	54064	6904N	17672N	7788E
19	5225N	14324W	18300	1940	25	2	69	2356E	19484	50051N	53710	6843N	17807N	7909E
19	5218N	14357W	18300	1945	25	2	69	2323E	19501	49930N	53604	6839N	17897N	7745E
19	5211N	14430W	18300	1950	25	2	69	2309E	19641	49553N	53303	6822N	18058N	7726E
19	5202N	14501W	18300	1955	25	2	69	2256E	19730	49480N	53269	6815N	18170N	7688E
19	5153N	14532W	18300	2000	25	2	69	2254E	19848	49184N	53038	6801N	18283N	7726E
19	5144N	14603W	18300	2005	25	2	69	2253E	19958	48907N	52822	6748N	18386N	7762E
19	5134N	14635W	18300	2010	25	2	69	2220E	19992	48624N	52574	6738N	18491N	7600E
19	5124N	14704W	18300	2015	25	2	69	2222E	19936	48459N	52400	6738N	18436N	7587E
19	5114N	14733W	18300	2020	25	2	69	2153E	20130	48440N	52456	6726N	18678N	7506E
19	5105N	14803W	18300	2025	25	2	69	2144E	20343	48080N	52207	6703N	18896N	7534E
19	5055N	14833W	18300	2030	25	2	69	2117E	20508	47811N	52024	6646N	19109N	7444E
19	5046N	14903W	18300	2035	25	2	69	2116E	20579	47680N	51932	6639N	19177N	7464E
19	5037N	14932W	18300	2040	25	2	69	2101E	20659	47276N	51593	6623N	19283N	7413E
19	5137N	14842W	18000	2120	25	2	69	2147E	20209	48222N	52286	6715N	18766N	7500E
19	5145N	14813W	18000	2125	25	2	69	2215E	19898	48222N	52166	6734N	18415N	7538E
19	5153N	14744W	18000	2130	25	2	69	2250E	19999	48519N	52479	6735N	18430N	7766E
19	5201N	14715W	18000	2135	25	2	69	2242E	19825	48812N	52684	6753N	18289N	7651E
19	5209N	14647W	18000	2140	25	2	69	2308E	19669	49078N	52873	6809N	18086N	7730E
19	5217N	14619W	18000	2145	25	2	69	2310E	19599	49174N	52936	6816N	18017N	7714E
19	5226N	14550W	18000	2150	25	2	69	2342E	19556	49515N	53237	6826N	17906N	7863E
19	5233N	14521W	18000	2155	25	2	69	2329E	19392	49705N	53354	6841N	17784N	7731E
19	5241N	14453W	18000	2200	25	2	69	2313E	19251	49916N	53500	6854N	17692N	7590E
19	5247N	14424W	18000	2205	25	2	69	2341E	19294	50010N	53603	6854N	17668N	7751E
19	5254N	14356W	18000	2210	25	2	69	2333E	19093	50243N	53748	6911N	17501N	7633E
19	5301N	14327W	18000	2215	25	2	69	2400E	19161	50507N	54020	6913N	17503N	7797E
19	5309N	14258W	18000	2220	25	2	69	2339E	18878	50664N	54067	6933N	17295N	7569E
19	5316N	14229W	18000	2225	25	2	69	2426E	18888	50786N	54185	6935N	17195N	7815E
19	5323N	14200W	18000	2230	25	2	69	2422E	18698	51132N	54443	6954N	17031N	7717E
19	5330N	14130W	18000	2235	25	2	69	2439E	18553	51237N	54493	7005N	16860N	7742E
19	5336N	14100W	18000	2240	25	2	69	2447E	18479	51498N	54713	7015N	16775N	7749E
19	5342N	14030W	18000	2245	25	2	69	2443E	18374	51568N	54744	7023N	16690N	7685E

FL	LAT	LONG	ALT	GMT	DA	MO	YP	D	H	Z	F	I	X	Y
19	5348N	14000W	18000	2250	25	2	69	2521E	18256	51862N	54981	7036N	16497N	7818E
19	5354N	13929W	18000	2255	25	2	69	2517E	18267	52122N	55231	7041N	16515N	7806E
19	5402N	13900W	18000	2300	25	2	69	2529E	18008	52433N	55439	7102N	16254N	7751E
19	5409N	13830W	18000	2305	25	2	69	2558E	17717	52482N	55392	7120N	15928N	7758E
19	5417N	13802W	18000	2310	25	2	69	2556E	17768	52613N	55533	7120N	15978N	7774E
19	5421N	13733W	18000	2315	25	2	69	2622E	17583	52801N	55652	7134N	15752N	7812E
19	5427N	13706W	18000	2320	25	2	69	2554E	17500	53095N	55905	7145N	15741N	7647E
19	5432N	13637W	18000	2325	25	2	69	2602E	17408	53248N	56022	7153N	15641N	7641E
19	5436N	13609W	18000	2330	25	2	69	2617E	17297	53336N	56071	7201N	15509N	7660E
19	5441N	13541W	18000	2335	25	2	69	2631E	17195	53521N	56215	7211N	15385N	7678E
19	5445N	13512W	18000	2340	25	2	69	2612E	17148	53661N	56335	7216N	15384N	7574E
19	5450N	13445W	18000	2345	25	2	69	2643E	17006	53825N	56448	7227N	15188N	7648E
19	5453N	13418W	18000	2350	25	2	69	2652E	16941	54047N	56640	7235N	15112N	7657E
19	5457N	13350W	18000	2355	25	2	69	2703E	16757	54319N	56845	7251N	14922N	7624E
19	5501N	13323W	18000	0	26	2	69	2659E	16684	54369N	56871	7256N	14866N	7574E
19	5505N	13255W	18000	5	26	2	69	2737E	16458	54653N	57078	7314N	14581N	7633E
19	5510N	13227W	18000	10	26	2	69	2713E	16322	54847N	57225	7325N	14514N	7466E
19	5515N	13200W	18000	15	26	2	69	2655E	16121	54957N	57273	7339N	14372N	7302E
19	5520N	13131W	18000	20	26	2	69	2746E	15938	54941N	57207	7349N	14102N	7426E
19	5524N	13103W	18000	25	26	2	69	2733E	16070	55107N	57402	7344N	14246N	7435E
19	5527N	13035W	18000	30	26	2	69	2737E	15871	55633N	57853	7404N	14060N	7361E
19	5530N	13006W	18000	35	26	2	69	2751E	15656	55523N	57689	7415N	13842N	7316E
19	5533N	12938W	18000	40	26	2	69	2734E	15454	55655N	57761	7428N	13700N	7152E
19	5537N	12910W	18000	45	26	2	69	2740E	15485	55677N	57791	7427N	13713N	7193E
19	5540N	12842W	18000	50	26	2	69	2825E	15435	55859N	57952	7433N	13575N	7346E
19	5543N	12814W	18000	55	26	2	69	2802E	15204	56052N	58077	7449N	13419N	7146E
19	5547N	12744W	18000	100	26	2	69	2806E	15260	56071N	58110	7446N	13459N	7191E
19	5550N	12714W	18000	105	26	2	69	2756E	15132	56257N	58257	7456N	13369N	7089E
19	5553N	12644W	18000	110	26	2	69	2822E	15008	56486N	58446	7507N	13206N	7130E
19	5557N	12614W	18000	115	26	2	69	2807E	14676	56654N	58524	7528N	12943N	6918E
19	5600N	12544W	18000	120	26	2	69	2915E	14726	56803N	58681	7527N	12847N	7197E
19	5602N	12511W	18000	125	26	2	69	2806E	14408	56873N	58670	7546N	12709N	6788E
19	5606N	12439W	18000	130	26	2	69	2838E	14471	56863N	58676	7543N	12700N	6936E
19	5609N	12406W	18000	135	26	2	69	2837E	14348	57072N	58848	7553N	12594N	6874E
19	5612N	12332W	18000	140	26	2	69	2852E	14088	57275N	58983	7610N	12336N	6803E
20	5654N	12209W	18200	1735	26	2	69	2952E	13425	57955N	59490	7657N	11640N	6888E
20	5652N	12244W	18200	1740	26	2	69	3019E	13613	57690N	59274	7643N	11750N	6873E
20	5649N	12326W	18200	1745	26	2	69	3017E	13835	57471N	59113	7627N	11945N	6980E
20	5646N	12405W	18200	1750	26	2	69	2928E	13993	57238N	58924	7615N	12182N	6885E
20	5643N	12443W	18200	1755	26	2	69	2925E	14146	57157N	58882	7605N	12320N	6951E
20	5640N	12521W	18200	1800	26	2	69	2919E	14247	56958N	58713	7557N	12422N	6976E
20	5638N	12600W	18200	1805	26	2	69	2854E	14295	56842N	58612	7552N	12513N	6911E
20	5635N	12638W	18200	1810	26	2	69	2853E	14673	56813N	58677	7531N	12847N	7088E
20	5632N	12716W	18200	1815	26	2	69	2902E	14805	56531N	58438	7519N	12943N	7187E
20	5628N	12753W	18200	1820	26	2	69	2846E	14935	56495N	58436	7511N	13092N	7188E
20	5625N	12831W	18200	1825	26	2	69	2854E	14959	56283N	58237	7506N	13095N	7231E
20	5621N	12908W	18200	1830	26	2	69	2908E	15115	56021N	58025	7454N	13201N	7362E
20	5617N	12947W	18200	1835	26	2	69	2841E	15359	55776N	57853	7436N	13473N	7374E
20	5611N	13025W	18200	1840	26	2	69	2818E	15378	55626N	57713	7432N	13539N	7292E
20	5606N	13103W	18100	1845	26	2	69	2825E	15681	55601N	57770	7414N	13791N	7463E
20	5600N	13144W	18100	1850	26	2	69	2812E	15942	55179N	57436	7353N	14049N	7535E
20	5555N	13223W	18100	1855	26	2	69	2818E	15969	54971N	57243	7348N	14058N	7574E
20	5550N	13303W	18100	1900	26	2	69	2824E	16198	54788N	57133	7331N	14248N	7705E
20	5544N	13341W	18100	1905	26	2	69	2814E	16391	54550N	56959	7316N	14440N	7756E
20	5521N	13341W	12000	1940	26	2	69	2704E	16295	54463N	56849	7320N	14509N	7417E
20	5525N	13311W	12000	1945	26	2	69	2718E	16115	54724N	57047	7335N	14319N	7393E
20	5528N	13241W	12000	1950	26	2	69	2649E	16173	54842N	57177	7334N	14432N	7298E
20	5532N	13210W	12100	1955	26	2	69	2656E	15823	55023N	57253	7357N	14105N	7171E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
20	5537N	13140W	12100	2000	26	2	69	2709E	15816	55000N	57229	7357N	14073N	7217E
20	5541N	13110W	12100	2005	26	2	69	2716E	15843	55129N	57360	7357N	14081N	7261E
20	5546N	13040W	12100	2010	26	2	69	2741E	15643	55642N	57799	7417N	13850N	7271E
20	5551N	13011W	12100	2015	26	2	69	2708E	15418	55661N	57757	7431N	13719N	7035E
20	5555N	12941W	12100	2020	26	2	69	2723E	15258	55698N	57750	7440N	13547N	7020E
20	5600N	12911W	12100	2025	26	2	69	2753E	15096	55889N	57892	7453N	13343N	7061E
20	5603N	12840W	12100	2030	26	2	69	2741E	15034	56078N	58058	7459N	13311N	6987E
20	5606N	12809W	12100	2035	26	2	69	2737E	14927	56218N	58166	7507N	13226N	6920E
20	5609N	12738W	12100	2040	26	2	69	2741E	14808	56285N	58200	7515N	13112N	6881E
20	5612N	12707W	12100	2045	26	2	69	2835E	14634	56524N	58388	7529N	12849N	7004E
20	5615N	12635W	12000	2050	26	2	69	2730E	14405	56809N	58607	7546N	12777N	6652E
20	5618N	12604W	12000	2055	26	2	69	2745E	14433	56780N	58586	7544N	12772N	6722E
20	5620N	12533W	12000	2100	26	2	69	2733E	14119	57059N	58780	7606N	12517N	6531E
20	5623N	12503W	12000	2105	26	2	69	2746E	14036	57046N	58747	7610N	12419N	6541E
20	5626N	12433W	12000	2110	26	2	69	2807E	14021	57136N	58831	7612N	12365N	6609E
20	5628N	12403W	12000	2115	26	2	69	2757E	13880	57261N	58919	7622N	12259N	6509E
20	5630N	12332W	12000	2120	26	2	69	2814E	13765	57477N	59102	7631N	12126N	6515E
20	5632N	12302W	12000	2125	26	2	69	2817E	13713	57689N	59297	7637N	12076N	6498E
21	5732N	12308W	18300	1640	27	2	69	2954E	12962	57624N	59064	7719N	11236N	6463E
21	5729N	12351W	18300	1645	27	2	69	2948E	13140	57407N	58891	7706N	11402N	6530E
21	5727N	12434W	18300	1650	27	2	69	2954E	13239	57291N	58801	7659N	11475N	6602E
21	5724N	12518W	18300	1655	27	2	69	2930E	13492	57143N	58714	7642N	11725N	6676E
21	5720N	12558W	18300	1700	27	2	69	2937E	13632	56962N	58570	7632N	11850N	6736E
21	5717N	12638W	18300	1705	27	2	69	2859E	13452	57208N	58768	7646N	11766N	6521E
21	5713N	12722W	18300	1710	27	2	69	2941E	14140	57118N	58843	7605N	12284N	7002E
21	5709N	12806W	18300	1715	27	2	69	2938E	14271	56529N	58303	7549N	12403N	7059E
21	5705N	12848W	18300	1720	27	2	69	2928E	14321	56299N	58092	7543N	12468N	7046E
21	5700N	12929W	18300	1725	27	2	69	2856E	14526	56180N	58028	7530N	12712N	7030E
21	5656N	13010W	18300	1730	27	2	69	2848E	14755	56005N	57916	7514N	12930N	7108E
21	5651N	13052W	18300	1735	27	2	69	2825E	14862	55844N	57788	7505N	13070N	7076E
21	5646N	13133W	18300	1740	27	2	69	2815E	14982	55681N	57662	7456N	13197N	7092E
21	5641N	13215W	18300	1745	27	2	69	2816E	15276	55578N	57639	7437N	13454N	7236E
21	5635N	13254W	18200	1750	27	2	69	2811E	15407	55248N	57356	7425N	13580N	7277E
21	5629N	13331W	18200	1755	27	2	69	2754E	15599	55109N	57274	7411N	13785N	7301E
21	5623N	13408W	18200	1800	27	2	69	2744E	15899	54767N	57028	7348N	14070N	7402E
21	5617N	13446W	18200	1805	27	2	69	2730E	16058	54527N	56843	7335N	14243N	7416E
21	5611N	13523W	18200	1810	27	2	69	2735E	16185	54385N	56742	7325N	14343N	7498E
21	5605N	13600W	18200	1815	27	2	69	2737E	16336	54148N	56559	7312N	14483N	7556E
21	5559N	13640W	18200	1820	27	2	69	2730E	16459	53909N	56366	7301N	14598N	7603E
21	5551N	13719W	18200	1825	27	2	69	2706E	16600	53765N	56270	7250N	14777N	7563E
21	5544N	13754W	18200	1830	27	2	69	2637E	16826	53616N	56194	7234N	15041N	7542E
21	5537N	13830W	18200	1835	27	2	69	2618E	17052	53418N	56074	7217N	15287N	7556E
21	5530N	13904W	18200	1840	27	2	69	2603E	17205	53068N	55788	7202N	15456N	7559E
21	5521N	13940W	18200	1845	27	2	69	2605E	17364	52928N	55704	7150N	15594N	7637E
21	5514N	14015W	18200	1850	27	2	69	2602E	17499	52649N	55481	7136N	15723N	7681E
21	5505N	14049W	18200	1855	27	2	69	2559E	17600	52379N	55258	7125N	15820N	7712E
21	5457N	14123W	18200	1900	27	2	69	2546E	17792	52213N	55161	7110N	16021N	7738E
21	5450N	14157W	18200	1905	27	2	69	2505E	17830	52004N	54976	7104N	16147N	7562E
21	5442N	14231W	18200	1910	27	2	69	2519E	17974	51750N	54783	7050N	16246N	7689E
21	5435N	14304W	18200	1915	27	2	69	2445E	18115	51672N	54755	7040N	16451N	7584E
21	5428N	14336W	18200	1920	27	2	69	2517E	18304	51379N	54542	7023N	16549N	7820E
21	5421N	14408W	18200	1925	27	2	69	2428E	18411	51222N	54430	7013N	16758N	7626E
21	5414N	14439W	18200	1930	27	2	69	2406E	18520	50841N	54109	6959N	16905N	7564E
21	5407N	14509W	18200	1935	27	2	69	2417E	18582	50851N	54140	6955N	16937N	7642E
21	5359N	14538W	18200	1940	27	2	69	2357E	18721	50591N	53944	6941N	17108N	7601E
21	5351N	14606W	18200	1945	27	2	69	2403E	18948	50261N	53714	6920N	17302N	7724E
21	5343N	14634W	18200	1950	27	2	69	2255E	19055	50024N	53530	6908N	17549N	7423E
21	5335N	14702W	18200	1955	27	2	69	2258E	19162	49823N	53381	6857N	17641N	7481E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
21	5327N	14730W	18200	2000	27	2	69	2238E	19109	49911N	53444	6902N	17637N	7354E
21	5321N	14756W	18200	2005	27	2	69	2259E	19372	49476N	53134	6837N	17834N	7566E
21	5314N	14823W	18200	2010	27	2	69	2211E	19261	49380N	53004	6841N	17834N	7277E
21	5306N	14849W	18200	2015	27	2	69	2208E	19533	49136N	52876	6819N	18092N	7362E
21	5259N	14916W	18200	2020	27	2	69	2154E	19597	49175N	52936	6816N	18182N	7311E
21	5252N	14940W	18200	2025	27	2	69	2204E	19592	48870N	52651	6809N	18156N	7362E
21	5244N	15005W	18200	2030	27	2	69	2139E	19894	48792N	52692	6749N	18489N	7342E
21	5236N	15030W	18200	2035	27	2	69	2126E	19952	48389N	52341	6735N	18571N	7295E
21	5228N	15056W	18200	2040	27	2	69	2121E	19902	48319N	52257	6736N	18534N	7249E
21	5220N	15121W	18200	2045	27	2	69	2155E	20033	48152N	52153	6724N	18583N	7481E
21	5212N	15144W	18200	2050	27	2	69	2119E	20039	47877N	51901	6717N	18667N	7286E
21	5205N	15205W	18200	2055	27	2	69	2026E	19975	47806N	51811	6719N	18718N	6974E
21	5212N	14920W	18000	2135	27	2	69	2146E	19832	48460N	52362	6744N	18417N	7358E
21	5221N	14844W	18000	2140	27	2	69	2137E	19737	48658N	52509	6755N	18347N	7276E
21	5231N	14810W	18000	2145	27	2	69	2235E	19585	48832N	52613	6808N	18081N	7524E
21	5240N	14735W	18000	2150	27	2	69	2250E	19516	49283N	53007	6823N	17986N	7576E
21	5249N	14701W	18000	2155	27	2	69	2249E	19385	49288N	52963	6831N	17868N	7518E
21	5257N	14626W	18200	2200	27	2	69	2328E	19169	49632N	53206	6852N	17582N	7637E
21	5308N	14554W	18200	2205	27	2	69	2308E	19175	49997N	53548	6901N	17633N	7534E
21	5317N	14522W	18200	2210	27	2	69	2356E	18869	50330N	53751	6926N	17246N	7655E
21	5327N	14449W	18200	2215	27	2	69	2352E	18868	50324N	53745	6926N	17253N	7638E
21	5336N	14417W	18300	2220	27	2	69	2407E	18736	50746N	54095	6944N	17099N	7660E
21	5344N	14344W	18300	2225	27	2	69	2420E	18769	50842N	54195	6944N	17101N	7734E
21	5352N	14311W	18300	2230	27	2	69	2428E	18336	51158N	54345	7016N	16690N	7594E
21	5400N	14238W	18300	2235	27	2	69	2432E	18392	51386N	54579	7018N	16690N	7640E
21	5407N	14206W	18300	2240	27	2	69	2450E	18228	51586N	54712	7032N	16542N	7656E
21	5415N	14135W	18300	2245	27	2	69	2515E	18010	51825N	54865	7050N	16287N	7686E
21	5423N	14105W	18300	2250	27	2	69	2535E	17974	51926N	54950	7054N	16211N	7764E
21	5430N	14034W	18300	2255	27	2	69	2519E	17863	52073N	55052	7103N	16147N	7639E
21	5436N	14003W	18300	2300	27	2	69	2540E	17766	52310N	55245	7114N	16013N	7695E
21	5443N	13932W	18300	2305	27	2	69	2550E	17648	52529N	55415	7125N	15883N	7693E
21	5450N	13900W	18300	2310	27	2	69	2542E	17482	52730N	55553	7139N	15752N	7582E
21	5455N	13827W	18300	2315	27	2	69	2614E	17433	52926N	55723	7146N	15636N	7708E
21	5500N	13756W	18300	2320	27	2	69	2619E	17244	53107N	55836	7200N	15456N	7645E
21	5506N	13725W	18300	2325	27	2	69	2638E	17197	53357N	56060	7208N	15371N	7712E
21	5511N	13654W	18300	2330	27	2	69	2628E	17020	53525N	56166	7221N	15235N	7587E
21	5515N	13623W	18300	2335	27	2	69	2639E	16857	53718N	56301	7234N	15064N	7564E
21	5521N	13554W	18300	2340	27	2	69	2654E	16740	53885N	56425	7244N	14928N	7575E
21	5526N	13524W	18300	2345	27	2	69	2703E	16619	54052N	56549	7254N	14800N	7560E
21	5530N	13454W	18300	2350	27	2	69	2712E	16470	54290N	56733	7307N	14647N	7532E
21	5610N	13254W	18300	15	28	2	69	2825E	15751	55175N	57380	7404N	13852N	7497E
21	5615N	13222W	18300	20	28	2	69	2801E	15579	55220N	57375	7414N	13752N	7319E
21	5619N	13150W	18300	25	28	2	69	2824E	15594	55499N	57562	7416N	13716N	7419E
21	5623N	13117W	18300	30	28	2	69	2838E	15260	55735N	57787	7441N	13393N	7315E
21	5627N	13045W	18300	35	28	2	69	2808E	15151	55768N	57790	7448N	13360N	7147E
21	5631N	13015W	18300	40	28	2	69	2814E	15047	55763N	57758	7453N	13255N	7121E
21	5634N	12945W	18300	45	28	2	69	2831E	15024	55922N	57905	7457N	13200N	7174E
21	5637N	12916W	18300	50	28	2	69	2840E	14869	56115N	58051	7509N	13045N	7136E
21	5640N	12846W	18300	55	28	2	69	2852E	14746	56273N	58174	7518N	12913N	7121E
21	5644N	12816W	18300	100	28	2	69	2856E	14663	56539N	58410	7527N	12832N	7096E
21	5648N	12745W	18300	105	28	2	69	2857E	14481	56601N	58424	7538N	12670N	7011E
21	5652N	12714W	18300	110	28	2	69	2909E	14391	56825N	58619	7547N	12568N	7010E
21	5655N	12643W	18300	115	28	2	69	2851E	14165	57213N	58941	7605N	12405N	6836E
21	5658N	12613W	18300	120	28	2	69	2757E	13922	56941N	58618	7615N	12297N	6528E
21	5700N	12542W	18300	125	28	2	69	2844E	13948	56978N	58660	7614N	12229N	6709E
21	5703N	12511W	18300	130	28	2	69	2858E	13764	57209N	58842	7628N	12042N	6666E
21	5706N	12439W	18300	135	28	2	69	2848E	13606	57271N	58865	7638N	11923N	6556E
21	5709N	12408W	18300	140	28	2	69	2921E	13667	57386N	58991	7636N	11912N	6701E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
21	5711N	12336W	18300	145	28	2	69	2934E	13483	57539N	59098	7648N	11727N	6653E
21	5713N	12305W	18300	150	28	2	69	2933E	13305	57654N	59169	7700N	11574N	6563E
21	5715N	12235W	18300	155	28	2	69	2956E	13291	57752N	59262	7702N	11517N	6632E
21	5716N	12205W	18300	200	28	2	69	2939E	13208	58138N	59620	7712N	11478N	6535E
24	5506N	11623W	16100	1755	4	3	69	2431E	13144	58512N	59970	7720N	11957N	5457E
24	5505N	11651W	16100	1800	4	3	69	2512E	13601	58390N	59953	7653N	12306N	5793E
24	5506N	11718W	16100	1805	4	3	69	2523E	13651	58018N	59603	7645N	12333N	5852E
24	5506N	11746W	16100	1810	4	3	69	2434E	13663	58023N	59610	7644N	12426N	5681E
24	5505N	11817W	16100	1815	4	3	69	2431E	13967	58080N	59736	7628N	12707N	5797E
24	5504N	11848W	16100	1820	4	3	69	2436E	14205	57976N	59691	7613N	12916N	5914E
24	5504N	11916W	16100	1825	4	3	69	2444E	14183	57830N	59543	7613N	12881N	5934E
24	5503N	11945W	16100	1830	4	3	69	2618E	14245	57993N	59717	7611N	12770N	6312E
24	5501N	12015W	16100	1835	4	3	69	2646E	14248	57498N	59237	7604N	12720N	6419E
24	5500N	12045W	16100	1840	4	3	69	2554E	14335	57547N	59306	7600N	12894N	6262E
24	5458N	12117W	16100	1845	4	3	69	2636E	14779	57287N	59162	7532N	13213N	6621E
24	5456N	12150W	16100	1850	4	3	69	2641E	14743	57297N	59164	7534N	13173N	6621E
24	5454N	12222W	16100	1855	4	3	69	2610E	14837	57014N	58914	7524N	13317N	6543E
24	5450N	12255W	16100	1900	4	3	69	2640E	14768	56862N	58749	7526N	13197N	6628E
25	5939N	13250W	19200	1845	5	3	69	3037E	13738	56392N	58041	7618N	11821N	6999E
25	5934N	13329W	19200	1850	5	3	69	3019E	13893	56237N	57928	7607N	11993N	7013E
25	5929N	13407W	19200	1855	5	3	69	3014E	13961	56100N	57812	7601N	12061N	7031E
25	5923N	13445W	19200	1900	5	3	69	3003E	14195	55946N	57719	7545N	12287N	7108E
25	5917N	13523W	19100	1905	5	3	69	3010E	14081	55789N	57538	7550N	12174N	7077E
25	5911N	13602W	19100	1910	5	3	69	3032E	14319	55646N	57459	7534N	12334N	7275E
25	5905N	13640W	19100	1915	5	3	69	2912E	14707	55500N	57416	7509N	12836N	7177E
25	5859N	13718W	19200	1920	5	3	69	2914E	15078	55142N	57167	7442N	13156N	7366E
25	5852N	13754W	19200	1925	5	3	69	2916E	15129	54997N	57040	7437N	13196N	7398E
25	5845N	13831W	19200	1930	5	3	69	2851E	15183	54756N	56822	7430N	13297N	7328E
25	5839N	13907W	19200	1935	5	3	69	2811E	15337	54791N	56898	7421N	13518N	7246E
25	5833N	13941W	19200	1940	5	3	69	2818E	15557	54548N	56724	7404N	13697N	7377E
25	5827N	14014W	19200	1945	5	3	69	2735E	15831	54252N	56515	7343N	14031N	7331E
25	5821N	14047W	19200	1950	5	3	69	2738E	15964	54069N	56377	7333N	14143N	7405E
25	5815N	14120W	19200	1955	5	3	69	2739E	15996	53916N	56239	7328N	14169N	7423E
25	5808N	14151W	19200	2000	5	3	69	2738E	16073	53757N	56109	7321N	14239N	7455E
25	5800N	14223W	19200	2005	5	3	69	2716E	16214	53616N	56014	7310N	14411N	7432E
25	5753N	14254W	19200	2010	5	3	69	2701E	16484	53410N	55896	7250N	14685N	7488E
25	5746N	14323W	19100	2015	5	3	69	2556E	16628	53090N	55633	7236N	14953N	7273E
25	5828N	14324W	19100	2050	5	3	69	2706E	16148	53491N	55875	7312N	14374N	7359E
25	5835N	14249W	19100	2055	5	3	69	2733E	16014	53706N	56043	7323N	14197N	7409E
25	5844N	14210W	19200	2100	5	3	69	2655E	15999	53851N	56177	7327N	14265N	7243E
25	5853N	14131W	19200	2105	5	3	69	2705E	15944	54127N	56427	7335N	14195N	7259E
25	5900N	14053W	19200	2110	5	3	69	2756E	15545	54437N	56613	7403N	13732N	7284E
25	5909N	14016W	19200	2115	5	3	69	2825E	15276	54617N	56713	7422N	13434N	7271E
25	5916N	13938W	19200	2120	5	3	69	2809E	15217	54789N	56863	7428N	13415N	7182E
25	5923N	13900W	19200	2125	5	3	69	2836E	14983	54893N	56901	7443N	13154N	7175E
25	5929N	13820W	19200	2130	5	3	69	2924E	14793	55132N	57083	7458N	12887N	7262E
25	5935N	13741W	19200	2135	5	3	69	2922E	14661	55319N	57229	7509N	12776N	7191E
25	5941N	13659W	19200	2140	5	3	69	2953E	14483	55509N	57367	7522N	12556N	7218E
25	5947N	13617W	19200	2145	5	3	69	3013E	14188	55711N	57489	7542N	12259N	7142E
25	5954N	13539W	19200	2150	5	3	69	3046E	14147	55866N	57630	7547N	12155N	7239E
25	6001N	13501W	19200	2155	5	3	69	3033E	13959	56113N	57824	7601N	12020N	7098E
25	6008N	13423W	19200	2200	5	3	69	3037E	13757	56195N	57855	7614N	11838N	7007E
25	6036N	13551W	22200	2230	5	3	69	3047E	13915	56270N	57965	7606N	11953N	7124E
25	6030N	13630W	22200	2235	5	3	69	3033E	14032	55881N	57616	7554N	12082N	7135E
25	6024N	13707W	22200	2240	5	3	69	3011E	13878	55957N	57653	7604N	11994N	6981E
25	6018N	13743W	22200	2245	5	3	69	2947E	14254	55692N	57488	7538N	12371N	7081E
25	6013N	13816W	22200	2250	5	3	69	2950E	14355	55436N	57265	7528N	12450N	7145E
25	6008N	13849W	22200	2255	5	3	69	2948E	14454	55287N	57145	7520N	12542N	7185E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
25	6001N	13923W	22200	2300	5	3	69	2930E	14538	55136N	57020	7513N	12635N	7190E
25	5954N	13957W	22200	2305	5	3	69	2912E	14660	54985N	56906	7504N	12796N	7153E
25	5947N	14031W	22200	2310	5	3	69	2822E	14961	54851N	56855	7444N	13164N	7109E
25	5940N	14104W	22200	2315	5	3	69	2756E	15170	54588N	56657	7428N	13401N	7109E
25	5935N	14137W	22200	2320	5	3	69	2739E	15257	54475N	56571	7421N	13516N	7078E
25	5930N	14209W	22200	2325	5	3	69	2737E	15418	54361N	56505	7409N	13659N	7150E
25	5924N	14241W	22200	2330	5	3	69	2656E	15623	54250N	56455	7356N	13928N	7078E
25	5918N	14314W	22200	2335	5	3	69	2649E	15901	54128N	56416	7337N	14189N	7177E
25	5911N	14343W	22200	2340	5	3	69	2639E	15950	53805N	56119	7329N	14274N	7117E
25	5904N	14412W	22200	2345	5	3	69	2607E	16014	53635N	55974	7322N	14378N	7050E
25	5857N	14443W	22200	2350	5	3	69	2604E	16169	53501N	55891	7311N	14523N	7107E
25	5850N	14513W	22200	2355	5	3	69	2600E	16185	53362N	55762	7307N	14545N	7099E
25	5842N	14542W	22200	0	6	3	69	2532E	16298	53178N	55620	7257N	14705N	7028E
25	5836N	14613W	22200	5	6	3	69	2537E	16510	53039N	55549	7242N	14885N	7141E
25	5829N	14644W	22200	10	6	3	69	2526E	16637	52825N	55383	7231N	15023N	7148E
25	5821N	14714W	22200	15	6	3	69	2502E	16724	52628N	55221	7222N	15151N	7080E
25	5813N	14743W	22200	20	6	3	69	2445E	16743	52566N	55168	7219N	15203N	7013E
25	5805N	14812W	22200	25	6	3	69	2444E	16985	52400N	55084	7202N	15426N	7106E
25	5757N	14841W	22200	30	6	3	69	2424E	17171	52115N	54871	7145N	15635N	7097E
25	5749N	14911W	22200	35	6	3	69	2407E	17224	51928N	54711	7138N	15720N	7040E
25	5741N	14941W	22200	40	6	3	69	2349E	17399	51717N	54565	7124N	15916N	7028E
25	5732N	15011W	22200	45	6	3	69	2335E	17467	51543N	54422	7116N	16008N	6989E
25	5724N	15040W	22200	50	6	3	69	2304E	17663	51390N	54341	7101N	16249N	6924E
25	5717N	15109W	22200	55	6	3	69	2242E	17807	51200N	54209	7049N	16428N	6872E
25	5814N	15005W	22200	125	6	3	69	2419E	16965	51959N	54659	7155N	15458N	6989E
25	5827N	14926W	22200	130	6	3	69	2413E	16964	52143N	54833	7158N	15470N	6961E
25	5837N	14845W	22200	135	6	3	69	2455E	16731	52411N	55017	7217N	15172N	7052E
25	5849N	14805W	22200	140	6	3	69	2506E	16660	52670N	55242	7226N	15085N	7070E
25	5859N	14723W	22200	145	6	3	69	2511E	16562	52817N	55353	7235N	14987N	7050E
25	5909N	14641W	22200	150	6	3	69	2606E	16361	53076N	55540	7252N	14692N	7199E
25	5919N	14558W	22200	155	6	3	69	2610E	16080	53335N	55706	7313N	14431N	7093E
25	5928N	14516W	22200	200	6	3	69	2552E	16087	53518N	55884	7316N	14474N	7020E
25	5936N	14433W	22200	205	6	3	69	2727E	15734	53827N	56080	7342N	13962N	7254E
25	5946N	14354W	22200	210	6	3	69	2737E	15669	54066N	56291	7350N	13882N	7267E
25	5955N	14313W	22200	215	6	3	69	2757E	15308	54341N	56456	7415N	13522N	7175E
25	6005N	14233W	22200	220	6	3	69	2850E	15074	54520N	56566	7432N	13204N	7272E
25	6013N	14153W	22200	225	6	3	69	2842E	14897	54719N	56710	7446N	13065N	7156E
25	6021N	14112W	22200	230	6	3	69	2850E	14827	54934N	56900	7453N	12988N	7153E
25	6029N	14032W	22200	235	6	3	69	2824E	14588	55106N	57004	7510N	12832N	6939E
25	6037N	13950W	22200	240	6	3	69	2940E	14354	55322N	57154	7527N	12471N	7107E
25	6045N	13909W	22200	245	6	3	69	2954E	14160	55404N	57185	7539N	12275N	7059E
25	6051N	13826W	22200	250	6	3	69	3007E	14008	55657N	57393	7552N	12116N	7029E
26	5923N	13150W	20300	1745	8	3	69	3044E	13695	56496N	58132	7622N	11770N	7001E
26	5929N	13114W	20300	1750	8	3	69	3047E	13487	56664N	58247	7636N	11585N	6906E
26	5933N	13037W	20300	1755	8	3	69	3055E	13385	56847N	58402	7645N	11481N	6879E
26	5938N	13001W	20300	1800	8	3	69	3043E	13180	57009N	58513	7658N	11330N	6734E
26	5942N	12925W	20300	1805	8	3	69	3114E	13151	57062N	58558	7701N	11243N	6822E
26	5946N	12849W	20300	1810	8	3	69	3145E	12870	57304N	58731	7720N	10943N	6775E
26	5950N	12812W	20300	1815	8	3	69	3107E	12780	57426N	58831	7727N	10941N	6605E
26	5954N	12735W	20300	1820	8	3	69	3145E	12561	57532N	58887	7740N	10681N	6611E
26	5958N	12659W	20300	1825	8	3	69	3257E	12047	57759N	59002	7813N	10108N	6553E
26	6004N	12546W	20300	1835	8	3	69	3240E	12062	57853N	59098	7813N	10154N	6511E
26	6007N	12508W	20300	1840	8	3	69	3218E	11970	58034N	59256	7820N	10117N	6397E
26	6009N	12431W	20300	1845	8	3	69	3244E	11655	58170N	59326	7840N	9802N	6304E
26	6011N	12354W	20300	1850	8	3	69	3308E	11506	58316N	59440	7850N	9634N	6290E
26	6013N	12317W	20300	1855	8	3	69	3230E	11369	58449N	59545	7859N	9572N	6133E
26	6016N	12240W	20300	1900	8	3	69	3219E	11369	58609N	59701	7901N	9607N	6080E
26	6018N	12203W	20300	1905	8	3	69	3149E	11144	58724N	59772	7915N	9469N	5876E

A THREE-COMPONENT AEROMAGNETIC SURVEY OF BRITISH COLUMBIA AND THE ADJACENT PACIFIC OCEAN

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
26	6020N	12126W	20300	1910	8	3	69	3252E	10777	58883N	59861	7937N	9050N	5851E
26	6021N	12049W	20300	1915	8	3	69	3124E	10587	59128N	60068	7950N	9036N	5517E
26	5957N	12220W	20100	1945	8	3	69	3104E	11388	58575N	59672	7859N	9754N	5878E
26	5955N	12304W	20100	1950	8	3	69	3112E	11362	58520N	59613	7900N	9718N	5887E
26	5953N	12347W	20100	1955	8	3	69	3321E	11229	58503N	59571	7908N	9379N	6175E
26	5950N	12430W	20100	2000	8	3	69	3245E	11871	58370N	59564	7830N	9983N	6422E
26	5947N	12512W	20100	2005	8	3	69	3250E	12108	57985N	59235	7812N	10173N	6565E
26	5943N	12554W	20100	2010	8	3	69	3132E	12276	57820N	59109	7800N	10462N	6421E
26	5939N	12636W	20100	2015	8	3	69	3144E	12297	57717N	59055	7746N	10628N	6573E
26	5935N	12718W	20100	2020	8	3	69	3115E	12643	57529N	58902	7736N	10808N	6559E
26	5932N	12759W	20100	2025	8	3	69	3121E	12793	57528N	58934	7727N	10924N	6657E
26	5927N	12840W	20100	2030	8	3	69	3057E	13097	57230N	58710	7706N	11230N	6738E
26	5923N	12920W	20100	2035	8	3	69	3112E	13149	57088N	58583	7701N	11246N	6814E
26	5919N	12958W	20100	2040	8	3	69	3056E	13332	56911N	58452	7648N	11435N	6853E
26	5915N	13036W	20100	2045	8	3	69	3051E	13402	56845N	58403	7644N	11504N	6875E
26	5910N	13114W	20100	2050	8	3	69	3038E	13885	56635N	58313	7613N	11945N	7078E
26	5905N	13152W	20100	2055	8	3	69	3010E	13872	56322N	58006	7609N	11992N	6973E
26	5900N	13230W	20100	2100	8	3	69	2954E	14066	56351N	58080	7559N	12193N	7012E
26	5856N	13305W	20100	2105	8	3	69	2955E	14282	56012N	57804	7541N	12378N	7123E
26	5851N	13341W	20100	2110	8	3	69	2946E	14373	55986N	57802	7536N	12475N	7139E
26	5847N	13417W	20100	2115	8	3	69	3026E	14578	55847N	57718	7522N	12568N	7385E
26	5841N	13452W	20200	2120	8	3	69	2918E	14828	55478N	57425	7502N	12930N	7258E
26	5836N	13526W	20200	2125	8	3	69	2909E	14863	55341N	57302	7457N	12979N	7243E
26	5830N	13601W	20200	2130	8	3	69	2851E	14994	55319N	57315	7450N	13131N	7237E
26	5824N	13634W	20200	2135	8	3	69	2910E	15267	55060N	57138	7430N	13330N	7442E
26	5820N	13710W	19200	2140	8	3	69	2840E	15360	54847N	56958	7421N	13475N	7372E
26	5815N	13745W	19200	2145	8	3	69	2825E	15353	54694N	56808	7419N	13502N	7307E
26	5809N	13819W	19200	2150	8	3	69	2835E	15485	54751N	56899	7412N	13597N	7408E
26	5803N	13852W	19200	2155	8	3	69	2741E	15901	54409N	56685	7342N	14080N	7389E
26	5757N	13924W	19200	2200	8	3	69	2739E	16047	54143N	56471	7329N	14214N	7448E
26	5751N	13956W	19200	2205	8	3	69	2721E	16122	53974N	56331	7322N	14320N	7407E
26	5744N	14028W	19200	2210	8	3	69	2717E	16180	53863N	56241	7316N	14380N	7417E
26	5738N	14100W	19200	2215	8	3	69	2706E	16263	53707N	56115	7309N	14477N	7410E
26	5732N	14132W	19200	2220	8	3	69	2711E	16490	53451N	55936	7251N	14668N	7533E
26	5726N	14203W	19200	2225	8	3	69	2642E	16603	53184N	55716	7239N	14833N	7461E
26	5720N	14235W	19200	2230	8	3	69	2629E	16660	53123N	55674	7235N	14911N	7431E
26	5700N	14045W	19200	2300	8	3	69	2720E	16447	53538N	56008	7255N	14609N	7555E
26	5707N	14007W	19200	2305	8	3	69	2638E	16410	53723N	56173	7300N	14668N	7356E
26	5715N	13929W	19200	2310	8	3	69	2720E	16237	53915N	56307	7314N	14422N	7459E
26	5722N	13850W	19200	2315	8	3	69	2708E	16163	54060N	56425	7321N	14383N	7372E
26	5729N	13810W	19300	2320	8	3	69	2733E	16082	54209N	56544	7328N	14257N	7440E
26	5735N	13730W	19300	2325	8	3	69	2756E	15810	54438N	56688	7348N	13967N	7408E
26	5741N	13650W	19300	2330	8	3	69	2752E	15851	54628N	56881	7349N	14011N	7412E
26	5747N	13610W	19300	2335	8	3	69	2800E	15628	54804N	56989	7404N	13798N	7339E
26	5753N	13530W	19300	2340	8	3	69	2830E	15489	55289N	57418	7421N	13611N	7392E
26	5757N	13451W	19300	2345	8	3	69	2835E	15139	55275N	57311	7440N	13293N	7245E
26	5801N	13412W	19300	2350	8	3	69	2929E	15029	55388N	57391	7449N	13082N	7397E
26	5805N	13333W	19300	2355	8	3	69	2922E	14996	55635N	57620	7454N	13068N	7355E
26	5811N	13256W	19300	0	9	3	69	2900E	14887	55959N	57906	7506N	13020N	7219E
26	5817N	13219W	19300	5	9	3	69	2920E	14520	56110N	57958	7529N	12657N	7115E
27	5918N	13320W	20200	1820	11	3	69	3043E	13906	56150N	57847	7605N	11954N	7104E
27	5912N	13355W	20200	1825	11	3	69	3001E	14049	56089N	57822	7556N	12163N	7031E
27	5905N	13430W	20200	1830	11	3	69	2958E	14261	55900N	57690	7541N	12354N	7124E
27	5859N	13504W	20200	1835	11	3	69	2932E	14588	55647N	57528	7518N	12693N	7191E
27	5854N	13540W	20200	1840	11	3	69	2849E	14697	55631N	57540	7512N	12875N	7086E
27	5850N	13616W	20200	1845	11	3	69	2901E	14893	55496N	57460	7458N	13023N	7225E
27	5844N	13650W	20200	1850	11	3	69	2936E	15016	55223N	57228	7447N	13056N	7418E
27	5838N	13725W	20200	1855	11	3	69	2859E	15200	55025N	57086	7433N	13295N	7366E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
27	5832N	13801W	20200	1900	11	3	69	2811E	15192	54808N	56874	7430N	13380N	7179E
27	5825N	13837W	20200	1905	11	3	69	2756E	15294	54777N	56872	7423N	13512N	7166E
27	5819N	13913W	20200	1910	11	3	69	2805E	15649	54625N	56823	7400N	13805N	7369E
27	5812N	13948W	20200	1915	11	3	69	2804E	15861	54265N	56536	7342N	13995N	7463E
27	5806N	14023W	20200	1920	11	3	69	2754E	15789	54122N	56378	7344N	13953N	7389E
27	5759N	14057W	20100	1925	11	3	69	2720E	16015	53892N	56222	7326N	14226N	7356E
27	5752N	14132W	20100	1930	11	3	69	2703E	16194	53669N	56059	7312N	14422N	7366E
27	5744N	14205W	20100	1935	11	3	69	2627E	16323	53426N	55864	7300N	14614N	7271E
27	5735N	14243W	20100	1940	11	3	69	2624E	16548	53233N	55746	7243N	14821N	7360E
27	5727N	14320W	20100	1945	11	3	69	2604E	16482	53029N	55531	7244N	14804N	7245E
27	5720N	14357W	20100	1950	11	3	69	2600E	16715	52869N	55449	7227N	15023N	7329E
27	5714N	14433W	20100	1955	11	3	69	2530E	16827	52666N	55289	7216N	15187N	7245E
27	5705N	14505W	20100	2000	11	3	69	2522E	17041	52445N	55144	7159N	15397N	7303E
27	5655N	14536W	20100	2005	11	3	69	2509E	17213	52281N	55041	7146N	15583N	7311E
27	5646N	14609W	20100	2010	11	3	69	2426E	17421	52074N	54910	7130N	15860N	7206E
27	5638N	14642W	20100	2015	11	3	69	2445E	17597	51787N	54695	7113N	15980N	7368E
27	5629N	14715W	20100	2020	11	3	69	2414E	17665	51604N	54544	7106N	16107N	7253E
27	5620N	14747W	20100	2025	11	3	69	2416E	17820	51436N	54436	7053N	16245N	7326E
27	5612N	14819W	20100	2030	11	3	69	2321E	18046	51058N	54154	7032N	16567N	7155E
27	5603N	14851W	20100	2035	11	3	69	2415E	18157	50788N	53936	7019N	16554N	7460E
27	5554N	14921W	20100	2040	11	3	69	2350E	18279	50611N	53811	7008N	16720N	7386E
27	5546N	14950W	20100	2045	11	3	69	2243E	18292	50403N	53620	7003N	16873N	7064E
27	5538N	15020W	20100	2050	11	3	69	2308E	18481	50432N	53712	6952N	16994N	7261E
27	5528N	15049W	20100	2055	11	3	69	2251E	18598	50039N	53419	6930N	17230N	7262E
27	5519N	15118W	20100	2100	11	3	69	2202E	18729	49826N	53230	6923N	17361N	7028E
27	5510N	15147W	20100	2105	11	3	69	2123E	18844	49681N	53135	6913N	17546N	6871E
27	5500N	15216W	20100	2110	11	3	69	2141E	19055	49576N	53112	6858N	17705N	7044E
27	5451N	15245W	20100	2115	11	3	69	2133E	19088	49259N	52829	6849N	17752N	7015E
27	5442N	15314W	20100	2120	11	3	69	2057E	19253	48941N	52592	6831N	17980N	6884E
27	5432N	15345W	20100	2125	11	3	69	2035E	19339	48767N	52462	6822N	18102N	6804E
27	5421N	15417W	20100	2130	11	3	69	2027E	19479	48600N	52359	6809N	18250N	6809E
27	5410N	15448W	20100	2135	11	3	69	2017E	19603	48344N	52167	6755N	18385N	6800E
27	5355N	15312W	20100	2210	11	3	69	2104E	19710	48197N	52071	6745N	18391N	7087E
27	5405N	15242W	20100	2215	11	3	69	2139E	19565	48505N	52303	6801N	18183N	7223E
27	5415N	15213W	20100	2220	11	3	69	2150E	19463	49019N	52742	6820N	18066N	7242E
27	5425N	15143W	20100	2225	11	3	69	2133E	19259	49015N	52663	6832N	17911N	7076E
27	5434N	15112W	20500	2230	11	3	69	2231E	19225	49165N	52790	6838N	17759N	7362E
27	5445N	15041W	20500	2235	11	3	69	2253E	19060	49613N	53148	6859N	17558N	7415E
27	5456N	15009W	20500	2240	11	3	69	2229E	18982	49697N	53199	6905N	17538N	7263E
27	5506N	14936W	20500	2245	11	3	69	2316E	18796	50124N	53532	6926N	17266N	7427E
27	5515N	14902W	20500	2250	11	3	69	2323E	18649	50319N	53664	6939N	17115N	7405E
27	5524N	14826W	20500	2255	11	3	69	2314E	18544	50603N	53894	6952N	17038N	7318E
27	5533N	14752W	20500	2300	11	3	69	2346E	18401	50906N	54130	7007N	16840N	7417E
27	5543N	14716W	20500	2305	11	3	69	2346E	18239	51072N	54231	7020N	16691N	7354E
27	5553N	14639W	20500	2310	11	3	69	2407E	18061	51315N	54401	7036N	16482N	7383E
27	5602N	14603W	20500	2315	11	3	69	2427E	17766	51616N	54588	7018N	16172N	7356E
27	5611N	14526W	20500	2320	11	3	69	2429E	17680	51828N	54761	7109N	16090N	7328E
27	5620N	14449W	20500	2325	11	3	69	2527E	17550	51993N	54875	7120N	15847N	7542E
27	5629N	14411W	20500	2330	11	3	69	2507E	17402	52274N	55094	7135N	15756N	7387E
27	5637N	14335W	20500	2335	11	3	69	2553E	17190	52533N	55274	7152N	15465N	7506E
27	5646N	14259W	20500	2340	11	3	69	2623E	17068	52812N	55502	7205N	15289N	7586E
27	5654N	14222W	20500	2345	11	3	69	2635E	16787	53069N	55661	7226N	15012N	7514E
27	5703N	14146W	20500	2350	11	3	69	2647E	16688	53254N	55808	7236N	14896N	7522E
27	5711N	14110W	20500	2355	11	3	69	2654E	16527	53563N	56055	7251N	14738N	7480E
27	5719N	14034W	20500	0	12	3	69	2746E	16351	53735N	56168	7304N	14468N	7618E
27	5727N	13958W	20500	5	12	3	69	2726E	16116	53915N	56272	7321N	14304N	7425E
27	5735N	13922W	20500	10	12	3	69	2740E	15880	54170N	56450	7339N	14064N	7374E
27	5741N	13845W	20500	15	12	3	69	2756E	15870	54363N	56632	7343N	14019N	7436E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
27	5748N	13808W	20500	20	12	3	69	2814E	15749	54549N	56777	7353N	13874N	7452E
27	5754N	13730W	20500	25	12	3	69	2749E	15633	54736N	56925	7403N	13824N	7299E
27	5800N	13651W	20500	30	12	3	69	2822E	15554	54925N	57085	7411N	13684N	7393E
27	5806N	13613W	20500	35	12	3	69	2916E	15212	55284N	57339	7436N	13269N	7439E
27	5812N	13534W	20500	40	12	3	69	2852E	15138	55382N	57414	7442N	13256N	7309E
27	5817N	13455W	20500	45	12	3	69	2921E	15054	55560N	57563	7450N	13121N	7379E
27	5823N	13417W	20500	50	12	3	69	2953E	14909	55773N	57732	7502N	12925N	7431E
27	5829N	13338W	20500	55	12	3	69	2945E	14727	56015N	57918	7516N	12785N	7308E
27	5833N	13300W	20500	100	12	3	69	2936E	14509	56341N	58179	7533N	12614N	7169E
28	5747N	13403W	20300	1745	12	3	69	2850E	14936	55372N	57351	7454N	13083N	7205E
28	5742N	13435W	20300	1750	12	3	69	2908E	15086	55241N	57264	7443N	13176N	7347E
28	5738N	13504W	20300	1755	12	3	69	2836E	15234	55322N	57382	7436N	13374N	7295E
28	5733N	13534W	20300	1800	12	3	69	2825E	15608	55004N	57176	7409N	13727N	7427E
28	5727N	13603W	20300	1805	12	3	69	2759E	15552	54790N	56955	7409N	13733N	7299E
28	5723N	13632W	20300	1810	12	3	69	2813E	15613	54723N	56907	7404N	13756N	7383E
28	5717N	13703W	20300	1815	12	3	69	2814E	15698	54559N	56772	7356N	13829N	7428E
28	5711N	13734W	20300	1820	12	3	69	2745E	15861	54349N	56616	7343N	14034N	7388E
28	5705N	13805W	20200	1825	12	3	69	2752E	16156	54150N	56509	7323N	14281N	7554E
28	5659N	13835W	20200	1830	12	3	69	2705E	16269	53980N	56378	7313N	14484N	7410E
28	5654N	13904W	20200	1835	12	3	69	2718E	16387	53886N	56322	7305N	14561N	7517E
28	5648N	13933W	20200	1840	12	3	69	2732E	16557	53599N	56099	7250N	14681N	7654E
28	5642N	14002W	20200	1845	12	3	69	2653E	16573	53493N	56002	7247N	14782N	7494E
28	5636N	14030W	20200	1850	12	3	69	2640E	16710	53404N	55957	7237N	14932N	7499E
28	5630N	14057W	20200	1855	12	3	69	2640E	16869	53128N	55742	7223N	15073N	7574E
28	5624N	14126W	20200	1900	12	3	69	2629E	16976	53035N	55686	7215N	15193N	7574E
28	5618N	14154W	20200	1905	12	3	69	2622E	17059	52757N	55447	7204N	15284N	7577E
28	5612N	14221W	20200	1910	12	3	69	2538E	17076	52894N	55582	7206N	15395N	7387E
28	5606N	14250W	20200	1915	12	3	69	2557E	17404	52699N	55499	7143N	15648N	7620E
28	5600N	14317W	20200	1920	12	3	69	2553E	17489	52342N	55187	7131N	15732N	7638E
28	5554N	14345W	20200	1925	12	3	69	2516E	17589	52065N	54956	7119N	15905N	7511E
28	5548N	14413W	20200	1930	12	3	69	2436E	17731	51971N	54913	7109N	16121N	7381E
28	5542N	14441W	20200	1935	12	3	69	2505E	17904	51913N	54914	7058N	16215N	7591E
28	5536N	14508W	20100	1940	12	3	69	2443E	17910	51488N	54514	7049N	16267N	7492E
28	5529N	14535W	20100	1945	12	3	69	2428E	17973	51442N	54491	7044N	16358N	7444E
28	5522N	14601W	20100	1950	12	3	69	2404E	18067	51267N	54358	7035N	16496N	7369E
28	5515N	14626W	20100	1955	12	3	69	2350E	18235	51127N	54282	7022N	16679N	7369E
28	5508N	14653W	20100	2000	12	3	69	2327E	18395	50861N	54085	7006N	16876N	7321E
28	5500N	14719W	20100	2005	12	3	69	2330E	18420	50884N	54116	7005N	16892N	7345E
28	5454N	14746W	20100	2010	12	3	69	2344E	18539	50539N	53832	6951N	16971N	7462E
28	5446N	14811W	20100	2015	12	3	69	2249E	18566	50348N	53662	6945N	17112N	7201E
28	5438N	14835W	20100	2020	12	3	69	2252E	18710	50256N	53626	6934N	17239N	7272E
28	5430N	14901W	20100	2025	12	3	69	2234E	18888	50073N	53517	6919N	17441N	7250E
28	5423N	14925W	20100	2030	12	3	69	2234E	18877	49873N	53326	6916N	17430N	7248E
28	5415N	14950W	20100	2035	12	3	69	2201E	18999	49685N	53194	6904N	17612N	7125E
28	5408N	15015W	20100	2040	12	3	69	2158E	19100	49483N	53042	6853N	17712N	7147E
28	5359N	15039W	20100	2045	12	3	69	2133E	19248	49288N	52913	6840N	17902N	7070E
28	5351N	15103W	20100	2050	12	3	69	2130E	19294	49252N	52897	6836N	17951N	7073E
28	5343N	15128W	20100	2055	12	3	69	2141E	19489	49009N	52742	6818N	18110N	7201E
28	5335N	15153W	20100	2100	12	3	69	2108E	19531	48677N	52449	6808N	18217N	7044E
28	5327N	15218W	20100	2105	12	3	69	2041E	19703	48477N	52329	6752N	18433N	6960E
28	5318N	15243W	20100	2110	12	3	69	2011E	19725	48432N	52295	6750N	18512N	6809E
28	5310N	15308W	20100	2115	12	3	69	2037E	19860	48242N	52170	6737N	18587N	6995E
28	5301N	15332W	20100	2120	12	3	69	2029E	19940	47847N	51836	6722N	18678N	6983E
28	5251N	15142W	20100	2150	12	3	69	2133E	19949	48026N	52005	6726N	18555N	7328E
28	5302N	15109W	20100	2155	12	3	69	2137E	19925	48444N	52382	6738N	18522N	7345E
28	5312N	15036W	20300	2200	12	3	69	2148E	19679	48685N	52512	6759N	18271N	7309E
28	5324N	15004W	20300	2205	12	3	69	2155E	19585	48954N	52727	6811N	18169N	7311E
28	5334N	14930W	20300	2210	12	3	69	2215E	19470	49179N	52893	6824N	18020N	7373E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
28	5343N	14856W	20300	2215	12	3	69	2212E	19370	49380N	53043	6834N	17932N	7323E
28	5353N	14820W	20300	2220	12	3	69	2223E	19214	49689N	53275	6851N	17766N	7318E
28	5402N	14745W	20300	2225	12	3	69	2316E	19081	49878N	53404	6903N	17529N	7537E
28	5412N	14710W	20300	2230	12	3	69	2300E	18946	50168N	53626	6918N	17438N	7406E
28	5423N	14632W	20300	2235	12	3	69	2334E	18791	50372N	53763	6932N	17222N	7515E
28	5434N	14554W	20400	2240	12	3	69	2417E	18575	50792N	54082	6954N	16930N	7642E
28	5445N	14517W	20400	2245	12	3	69	2417E	18427	51116N	54336	7010N	16795N	7581E
28	5455N	14439W	20400	2250	12	3	69	2431E	18234	51255N	54402	7025N	16588N	7569E
28	5505N	14400W	20400	2255	12	3	69	2437E	18152	51534N	54638	7035N	16500N	7565E
28	5515N	14320W	20300	2300	12	3	69	2509E	17924	51967N	54972	7059N	16224N	7618E
28	5524N	14240W	20300	2305	12	3	69	2521E	17742	52173N	55107	7113N	16032N	7599E
28	5533N	14159W	20300	2310	12	3	69	2542E	17606	52310N	55193	7123N	15862N	7639E
28	5542N	14118W	20300	2315	12	3	69	2550E	17411	52723N	55524	7143N	15669N	7591E
28	5551N	14039W	20300	2320	12	3	69	2555E	17393	52939N	55724	7148N	15643N	7602E
28	5600N	14000W	20300	2325	12	3	69	2616E	17040	53213N	55875	7214N	15279N	7544E
28	5608N	13920W	20300	2330	12	3	69	2634E	16858	53329N	55930	7227N	15077N	7542E
28	5615N	13839W	20300	2335	12	3	69	2652E	16739	53629N	56181	7239N	14930N	7568E
28	5622N	13759W	20300	2340	12	3	69	2707E	16643	53775N	56291	7248N	14811N	7590E
28	5629N	13718W	20400	2345	12	3	69	2654E	16429	54034N	56476	7305N	14650N	7435E
28	5636N	13638W	20400	2350	12	3	69	2716E	16322	54273N	56675	7315N	14507N	7481E
28	5643N	13557W	20400	2355	12	3	69	2742E	16054	54518N	56833	7335N	14213N	7465E
28	5650N	13517W	20400	0	13	3	69	2713E	16039	54656N	56961	7338N	14261N	7339E
28	5657N	13436W	20400	5	13	3	69	2811E	15745	54970N	57180	7400N	13877N	7438E
28	5705N	13356W	20400	10	13	3	69	2755E	15491	55218N	57349	7419N	13688N	7252E
28	5711N	13315W	20400	15	13	3	69	2833E	15379	55370N	57466	7428N	13507N	7353E
29	6023N	13522W	18200	1820	13	3	69	3040E	13777	56320N	57980	7615N	11849N	7028E
29	6017N	13558W	18200	1825	13	3	69	3052E	13909	55959N	57661	7602N	11937N	7139E
29	6010N	13635W	18200	1830	13	3	69	3017E	14037	55749N	57489	7552N	12120N	7080E
29	6004N	13713W	18200	1835	13	3	69	3001E	14245	55641N	57435	7538N	12332N	7129E
29	5957N	13750W	18200	1840	13	3	69	2929E	14389	55515N	57350	7528N	12525N	7084E
29	5950N	13829W	18200	1845	13	3	69	2933E	14537	55354N	57231	7517N	12645N	7171E
29	5943N	13906W	18200	1850	13	3	69	2919E	14707	55089N	57019	7503N	12822N	7205E
29	5936N	13943W	18200	1855	13	3	69	2852E	14737	54974N	56915	7459N	12905N	7114E
29	5930N	14020W	18200	1900	13	3	69	2831E	15026	54857N	56878	7440N	13201N	7177E
29	5923N	14058W	18200	1905	13	3	69	2815E	15148	54585N	56648	7429N	13343N	7172E
29	5915N	14135W	18200	1910	13	3	69	2803E	15321	54488N	56601	7417N	13520N	7207E
29	5908N	14213W	18200	1915	13	3	69	2735E	15612	54323N	56522	7357N	13837N	7231E
29	5900N	14250W	18200	1920	13	3	69	2718E	15777	54003N	56260	7342N	14018N	7239E
29	5852N	14329W	18200	1925	13	3	69	2655E	15903	53717N	56022	7330N	14178N	7203E
29	5844N	14407W	18200	1930	13	3	69	2644E	16085	53524N	55889	7316N	14365N	7238E
29	5835N	14445W	18100	1935	13	3	69	2630E	16187	53389N	55789	7307N	14485N	7224E
29	5826N	14523W	18100	1940	13	3	69	2624E	16312	53172N	55618	7256N	14609N	7256E
29	5817N	14602W	18100	1945	13	3	69	2556E	16560	52909N	55440	7237N	14892N	7244E
29	5807N	14641W	18100	1950	13	3	69	2554E	16831	52569N	55197	7214N	15139N	7355E
29	5757N	14719W	18100	1955	13	3	69	2525E	16933	52402N	55070	7205N	15292N	7272E
29	5747N	14757W	18100	2000	13	3	69	2500E	17128	52132N	54874	7148N	15522N	7242E
29	5737N	14834W	18100	2005	13	3	69	2438E	17264	51971N	54764	7137N	15693N	7196E
29	5727N	14910W	18100	2010	13	3	69	2433E	17506	51677N	54561	7117N	15922N	7276E
29	5717N	14946W	18100	2015	13	3	69	2358E	17590	51429N	54355	7107N	16072N	7148E
29	5707N	15021W	18100	2020	13	3	69	2314E	17661	51229N	54188	7058N	16227N	6971E
29	5657N	15056W	18100	2025	13	3	69	2304E	17936	51041N	54101	7038N	16502N	7027E
29	5646N	15130W	18100	2030	13	3	69	2304E	18122	50826N	53960	7022N	16672N	7103E
29	5636N	15203W	18100	2035	13	3	69	2231E	18222	50559N	53742	7010N	16831N	6981E
29	5626N	15234W	18100	2040	13	3	69	2217E	18329	50319N	53554	6959N	16959N	6954E
29	5616N	15305W	18100	2045	13	3	69	2204E	18470	50120N	53415	6946N	17116N	6940E
29	5605N	15336W	18100	2050	13	3	69	2141E	18575	49874N	53221	6934N	17260N	6863E
29	5556N	15406W	18100	2055	13	3	69	2117E	18758	49644N	53070	6919N	17479N	6810E
29	5546N	15435W	18100	2100	13	3	69	2104E	18943	49392N	52901	6900N	17675N	6813E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
29	5536N	15503W	18100	2105	13	3	69	2042E	19040	49124N	52685	6848N	17810N	6733E
29	5525N	15533W	18100	2110	13	3	69	2026E	19157	48883N	52503	6836N	17950N	6691E
29	5515N	15602W	18100	2115	13	3	69	2002E	19260	48649N	52323	6824N	18094N	6599E
29	5504N	15631W	18100	2120	13	3	69	1948E	19315	48464N	52172	6816N	18173N	6543E
29	5441N	15528W	21000	2150	13	3	69	2009E	19557	48369N	52174	6759N	18360N	6738E
29	5450N	15501W	21000	2155	13	3	69	2033E	19462	48518N	52276	6809N	18222N	6835E
29	5459N	15434W	21100	2200	13	3	69	2053E	19366	48728N	52435	6819N	18092N	6908E
29	5508N	15406W	21100	2205	13	3	69	2056E	19195	49005N	52631	6836N	17927N	6862E
29	5517N	15338W	21100	2210	13	3	69	2112E	19101	49306N	52877	6849N	17807N	6910E
29	5526N	15309W	21100	2215	13	3	69	2114E	18903	49416N	52908	6904N	17618N	6848E
29	5535N	15239W	21100	2220	13	3	69	2159E	18818	49545N	52998	6912N	17450N	7045E
29	5544N	15209W	21100	2225	13	3	69	2217E	18761	49772N	53191	6920N	17359N	7115E
29	5554N	15142W	21100	2230	13	3	69	2229E	18564	50148N	53474	6941N	17155N	7095E
29	5603N	15114W	21100	2235	13	3	69	2224E	18443	50240N	53519	6950N	17051N	7029E
29	5612N	15045W	21100	2240	13	3	69	2254E	18337	50395N	53628	7000N	16891N	7136E
29	5621N	15017W	21100	2245	13	3	69	2303E	18211	50597N	53775	7012N	16756N	7133E
29	5630N	14950W	21100	2250	13	3	69	2343E	18098	50852N	53976	7024N	16569N	7280E
29	5639N	14921W	21100	2255	13	3	69	2343E	17967	51182N	54244	7039N	16448N	7229E
29	5647N	14852W	21100	2300	13	3	69	2334E	17859	51295N	54316	7048N	16368N	7144E
29	5656N	14823W	21100	2305	13	3	69	2356E	17642	51508N	54446	7105N	16124N	7161E
29	5703N	14754W	21100	2310	13	3	69	2421E	17635	51588N	54519	7107N	16066N	7271E
29	5710N	14726W	21100	2315	13	3	69	2453E	17495	51872N	54743	7121N	15870N	7363E
29	5717N	14658W	21100	2320	13	3	69	2445E	17363	52094N	54911	7133N	15767N	7270E
29	5724N	14631W	21100	2325	13	3	69	2519E	17064	52294N	55008	7155N	15427N	7293E
29	5731N	14604W	21100	2330	13	3	69	2534E	17184	52441N	55185	7151N	15501N	7416E
29	5738N	14537W	21100	2335	13	3	69	2535E	16999	52615N	55293	7205N	15331N	7342E
29	5745N	14501W	21100	2340	13	3	69	2553E	16879	52873N	55502	7217N	15184N	7371E
29	5753N	14423W	21100	2345	13	3	69	2609E	16730	53114N	55686	7230N	15016N	7375E
29	5800N	14347W	21100	2350	13	3	69	2636E	16541	53185N	55698	7243N	14789N	7409E
29	5809N	14309W	21100	2355	13	3	69	2712E	16260	53409N	55829	7230N	14661N	7434E
29	5817N	14231W	21100	0	14	3	69	2713E	16221	53658N	56056	7310N	14423N	7422E
29	5827N	14152W	21100	5	14	3	69	2755E	16005	53872N	56200	7327N	14141N	7496E
29	5835N	14111W	21100	10	14	3	69	2751E	15796	54124N	56382	7343N	13965N	7381E
29	5843N	14029W	21100	15	14	3	69	2756E	15618	54423N	56620	7359N	13796N	7318E
29	5850N	13947W	21100	20	14	3	69	2819E	15463	54593N	56740	7411N	13612N	7336E
29	5859N	13904W	21100	25	14	3	69	2835E	15126	54810N	56859	7434N	13280N	7240E
29	5908N	13821W	21100	30	14	3	69	2857E	15060	54919N	56946	7439N	13176N	7293E
29	5915N	13738W	21100	35	14	3	69	2922E	14869	55246N	57212	7456N	12958N	7292E
29	5923N	13652W	21100	40	14	3	69	2954E	14603	55563N	57450	7516N	12659N	7280E
29	5930N	13606W	21100	45	14	3	69	3007E	14358	55886N	57508	7532N	12419N	7205E
29	5936N	13521W	21100	50	14	3	69	3009E	14113	55823N	57580	7548N	12204N	7087E
29	5943N	13436W	21100	55	14	3	69	2942E	13964	56099N	57811	7601N	12129N	6919E
29	5950N	13350W	21100	100	14	3	69	3019E	13880	56272N	57959	7608N	11983N	7004E
29	5956N	13304W	21100	105	14	3	69	3108E	13683	56427N	58062	7622N	11711N	7075E
29	6002N	13218W	21100	110	14	3	69	3108E	13405	56693N	58256	7641N	11473N	6931E
29	6008N	13130W	21100	115	14	3	69	3059E	13031	56905N	58378	7706N	11170N	6711E
29	6014N	13043W	21100	120	14	3	69	3157E	12869	57081N	58514	7717N	10926N	6799E
29	6020N	12955W	21100	125	14	3	69	3125E	12690	57249N	58638	7730N	10830N	6615E
29	6025N	12908W	21100	130	14	3	69	3121E	12462	57443N	58779	7745N	10641N	6486E
29	6030N	12822W	21100	135	14	3	69	3149E	12213	57617N	58897	7801N	10379N	6436E
29	6035N	12735W	21100	140	14	3	69	3225E	12163	57734N	59002	7806N	10266N	6523E
29	6039N	12649W	21300	145	14	3	69	3255E	11866	57912N	59116	7825N	9961N	6448E
29	6043N	12603W	21300	150	14	3	69	3243E	11823	58075N	59267	7829N	9946N	6391E
29	6046N	12515W	21300	155	14	3	69	3159E	11593	58192N	59336	7843N	9832N	6142E
29	6049N	12428W	21300	200	14	3	69	3247E	11347	58297N	59391	7859N	9540N	6144E
30	5822N	12552W	18200	1615	17	3	69	3029E	13116	57427N	58906	7708N	11303N	6653E
30	5820N	12620W	18200	1620	17	3	69	3024E	13176	57306N	58802	7703N	11364N	6669E
30	5819N	12649W	18200	1625	17	3	69	3023E	13229	57186N	58697	7658N	11411N	6692E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
30	5816N	12719W	18200	1630	17	3	69	3012E	13211	57040N	58550	7657N	11418N	6646E
30	5812N	12751W	18200	1635	17	3	69	2958E	13388	57306N	58849	7651N	11597N	6689E
30	5809N	12823W	18200	1640	17	3	69	3013E	13603	56915N	58519	7633N	11753N	6848E
30	5805N	12854W	18200	1645	17	3	69	3010E	13525	56959N	58543	7638N	11692N	6800E
30	5802N	12924W	18200	1650	17	3	69	3001E	13847	56909N	58569	7619N	11988N	6929E
30	5758N	12957W	18200	1655	17	3	69	2930E	14206	56513N	58271	7553N	12364N	6996E
30	5754N	13030W	18200	1700	17	3	69	2930E	14254	56237N	58015	7546N	12405N	7020E
30	5749N	13103W	18200	1705	17	3	69	2915E	14346	55966N	57775	7537N	12515N	7012E
30	5745N	13136W	18200	1710	17	3	69	2836E	14518	55871N	57726	7526N	12746N	6950E
30	5740N	13211W	18200	1715	17	3	69	2835E	14660	55783N	57677	7516N	12872N	7016E
30	5736N	13246W	18200	1720	17	3	69	2834E	14840	55808N	57748	7506N	13033N	7096E
30	5731N	13320W	18200	1725	17	3	69	2856E	15018	55446N	57445	7450N	13143N	7267E
30	5726N	13355W	18100	1730	17	3	69	2819E	15085	55220N	57243	7443N	13280N	7156E
30	5721N	13430W	18100	1735	17	3	69	2806E	15206	55100N	57160	7434N	13413N	7163E
30	5715N	13504W	18100	1740	17	3	69	2812E	15499	54955N	57099	7414N	13658N	7328E
30	5710N	13538W	18100	1745	17	3	69	2801E	15636	54683N	56875	7402N	13802N	7347E
30	5704N	13613W	18100	1750	17	3	69	2744E	15728	54544N	56766	7354N	13919N	7322E
30	5659N	13647W	18100	1755	17	3	69	2735E	15879	54377N	56648	7343N	14073N	7353E
30	5653N	13720W	18100	1800	17	3	69	2720E	16039	54181N	56565	7330N	14248N	7366E
30	5647N	13753W	18100	1805	17	3	69	2710E	16202	54049N	56425	7318N	14413N	7400E
30	5640N	13826W	18100	1810	17	3	69	2659E	16323	53817N	56238	7307N	14545N	7408E
30	5633N	13858W	18100	1815	17	3	69	2653E	16488	53711N	56185	7256N	14705N	7456E
30	5626N	13930W	18100	1820	17	3	69	2652E	16645	53396N	55931	7241N	14847N	7525E
30	5620N	14004W	18100	1825	17	3	69	2631E	16693	53326N	55878	7237N	14937N	7453E
30	5615N	14037W	18100	1830	17	3	69	2640E	16940	53155N	55789	7219N	15136N	7606E
30	5548N	13942W	18100	1900	17	3	69	2621E	17068	53204N	55875	7212N	15294N	7577E
30	5555N	13905W	18100	1905	17	3	69	2629E	16952	53309N	55940	7221N	15172N	7561E
30	5601N	13828W	18100	1910	17	3	69	2634E	16782	53492N	56063	7234N	15010N	7506E
30	5607N	13752W	18100	1915	17	3	69	2702E	16694	53619N	56158	7242N	14869N	7590E
30	5613N	13715W	18100	1920	17	3	69	2657E	16543	53831N	56316	7254N	14745N	7500E
30	5618N	13638W	18100	1925	17	3	69	2711E	16420	54053N	56492	7306N	14606N	7502E
30	5623N	13601W	18100	1930	17	3	69	2724E	16338	54262N	56669	7314N	14505N	7519E
30	5629N	13528W	18100	1935	17	3	69	2728E	16166	54479N	56828	7328N	14342N	7459E
30	5633N	13454W	18100	1940	17	3	69	2745E	16014	54629N	56928	7339N	14170N	7459E
30	5639N	13416W	18100	1945	17	3	69	2813E	15889	54971N	57222	7352N	14001N	7513E
30	5644N	13338W	18100	1950	17	3	69	2804E	15635	55161N	57334	7410N	13795N	7358E
30	5650N	13300W	18100	1955	17	3	69	2807E	15605	55200N	57363	7412N	13762N	7357E
30	5655N	13222W	18100	2000	17	3	69	2841E	15418	55521N	57622	7428N	13525N	7402E
30	5700N	13145W	18100	2005	17	3	69	2841E	15187	55706N	57739	7445N	13321N	7292E
30	5706N	13107W	18100	2010	17	3	69	2830E	15005	55841N	57822	7457N	13186N	7160E
30	5711N	13029W	18100	2015	17	3	69	2907E	14765	56102N	58013	7515N	12899N	7185E
30	5716N	12950W	18100	2020	17	3	69	2907E	14590	56193N	58056	7526N	12745N	7100E
30	5721N	12912W	18100	2025	17	3	69	2911E	14619	56379N	58244	7527N	12762N	7129E
30	5724N	12832W	18100	2030	17	3	69	2925E	14442	56603N	58417	7541N	12579N	7094E
30	5728N	12752W	18100	2035	17	3	69	3007E	14218	56894N	58634	7557N	12298N	7136E
30	5732N	12711W	18100	2040	17	3	69	2920E	13726	57418N	59036	7633N	11964N	6727E
30	5738N	12631W	18100	2045	17	3	69	2926E	13703	57013N	58637	7629N	11934N	6734E
30	5741N	12548W	18100	2050	17	3	69	2934E	13617	57325N	58921	7638N	11843N	6719E
30	5744N	12504W	18100	2055	17	3	69	2931E	13573	57416N	58999	7641N	11811N	6687E
30	5746N	12420W	18100	2100	17	3	69	2924E	13499	57684N	59243	7649N	11760N	6629E
30	5749N	12334W	18100	2105	17	3	69	2914E	13263	57804N	59306	7704N	11573N	6478E
30	5752N	12248W	18100	2110	17	3	69	3022E	13165	58144N	59616	7714N	11357N	6657E
30	5754N	12202W	18100	2115	17	3	69	2927E	12845	58558N	59950	7737N	11184N	6317E
30	5757N	12116W	18100	2120	17	3	69	2841E	12601	58649N	59987	7752N	11053N	6051E
30	5759N	12030W	18100	2125	17	3	69	2843E	12246	58458N	59727	7810N	10739N	5885E
30	5801N	11943W	18100	2130	17	3	69	3001E	12203	58566N	59824	7813N	10565N	6108E
30	5802N	11857W	18100	2135	17	3	69	2853E	12152	58897N	60138	7820N	10639N	5872E
30	5743N	11903W	18100	2205	17	3	69	2724E	12216	58623N	59882	7813N	10845N	5623E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
30	5742N	11932W	18100	2210	17	3	69	2750E	12271	58637N	59907	7810N	10850N	5731E
30	5742N	12002W	18100	2215	17	3	69	2846E	12355	58698N	59984	7806N	10829N	5948E
30	5740N	12033W	18100	2220	17	3	69	2759E	12404	58420N	59723	7800N	10953N	5821E
30	5739N	12105W	18100	2225	17	3	69	2757E	12614	58523N	59867	7750N	11141N	5915E
30	5737N	12136W	18100	2230	17	3	69	2816E	12845	58411N	59807	7735N	11312N	6085E
30	5735N	12206W	18100	2235	17	3	69	2911E	13089	58376N	59826	7721N	11427N	6384E
30	5717N	12124W	18100	2250	17	3	69	2816E	12370	58296N	59722	7727N	11424N	6142E
30	5719N	12040W	18100	2255	17	3	69	2822E	12828	58314N	59708	7735N	11288N	6095E
30	5721N	11954W	18100	2300	17	3	69	2745E	12607	58599N	59940	7751N	11157N	5870E
30	5722N	11908W	18100	2305	17	3	69	2735E	12450	58351N	59664	7757N	11034N	5764E
30	5725N	11823W	18100	2310	17	3	69	2910E	12413	58489N	59792	7801N	10838N	6051E
30	5727N	11738W	18100	2315	17	3	69	2856E	12189	59091N	60335	7820N	10667N	5897E
30	5843N	11923W	18200	0	18	3	69	2947E	11706	58663N	59820	7842N	10159N	5815E
30	5843N	11954W	18200	5	18	3	69	3005E	11685	58536N	59691	7842N	10110N	5858E
30	5843N	12024W	18200	10	18	3	69	2859E	11873	58359N	59555	7830N	10386N	5753E
30	5840N	12054W	18200	15	18	3	69	2830E	11770	58449N	59623	7836N	10343N	5617E
30	5838N	12124W	18200	20	18	3	69	2904E	12038	58777N	59997	7825N	10521N	5849E
30	5835N	12156W	18200	25	18	3	69	3019E	12353	58621N	59909	7805N	10663N	6237E
30	5834N	12227W	18200	30	18	3	69	3049E	12543	58345N	59678	7752N	10772N	6426E
30	5833N	12259W	18200	35	18	3	69	2952E	12577	58090N	59436	7747N	10906N	6263E
30	5831N	12332W	18200	40	18	3	69	2916E	12674	58143N	59509	7742N	11055N	6198E
30	5830N	12405W	18200	45	18	3	69	3005E	12916	58194N	59610	7729N	11174N	6477E
31	5943N	11958W	16100	1555	18	3	69	3036E	11212	58768N	59828	7911N	9651N	5708E
31	5942N	12030W	16100	1600	18	3	69	2921E	11210	58656N	59718	7910N	9770N	5495E
31	5940N	12103W	16100	1605	18	3	69	2911E	11221	59003N	60061	7913N	9795N	5474E
31	5938N	12136W	16100	1610	18	3	69	3148E	11435	58950N	60049	7901N	9718N	6027E
31	5936N	12208W	16100	1615	18	3	69	3041E	11586	58625N	59759	7849N	9962N	5915E
31	5933N	12241W	16100	1620	18	3	69	2959E	11699	58663N	59818	7843N	10133N	5847E
31	5931N	12313W	16100	1625	18	3	69	2959E	11698	58875N	60026	7845N	10132N	5848E
31	5927N	12417W	16100	1635	18	3	69	3253E	12230	58827N	60085	7815N	10269N	6641E
31	5925N	12448W	16100	1640	18	3	69	3311E	12457	58200N	59518	7755N	10425N	6818E
31	5924N	12521W	16100	1645	18	3	69	3154E	12452	57853N	59178	7751N	10571N	6588E
31	5921N	12553W	16100	1650	18	3	69	3129E	12595	57808N	59164	7742N	10740N	6579E
31	5919N	12625W	16100	1655	18	3	69	3121E	12722	57654N	59041	7733N	10865N	6619E
31	5917N	12657W	16100	1700	18	3	69	3053E	12795	57463N	58871	7726N	10979N	6578E
31	5914N	12730W	16100	1705	18	3	69	3052E	12770	57423N	58826	7727N	10961N	6552E
31	5911N	12803W	16100	1710	18	3	69	3052E	13137	57253N	58741	7704N	11276N	6740E
31	5908N	12836W	16100	1715	18	3	69	3056E	13099	57103N	58587	7704N	11235N	6735E
31	5905N	12908W	16100	1720	18	3	69	3043E	13279	56965N	58493	7652N	11416N	6784E
31	5901N	12941W	16100	1725	18	3	69	3054E	13279	56889N	58419	7651N	11393N	6821E
31	5857N	13014W	16100	1730	18	3	69	3046E	13473	56820N	58396	7639N	11576N	6892E
31	5853N	13046W	16100	1735	18	3	69	3027E	13758	56583N	58232	7620N	11858N	6975E
31	5849N	13118W	16100	1740	18	3	69	3024E	13687	56448N	58084	7622N	11804N	6928E
31	5845N	13151W	16100	1745	18	3	69	3014E	14054	56468N	58191	7601N	12141N	7079E
31	5830N	13107W	16000	1805	18	3	69	2925E	13979	56450N	58155	7605N	12175N	6868E
31	5835N	13024W	16000	1810	18	3	69	2955E	13951	56596N	58290	7609N	12091N	6959E
31	5839N	12941W	16000	1815	18	3	69	3008E	13772	56743N	58390	7621N	11909N	6917E
31	5844N	12857W	16400	1820	18	3	69	3011E	13642	56887N	58500	7630N	11791N	6860E
31	5848N	12815W	16400	1825	18	3	69	3004E	13472	57148N	58715	7644N	11658N	6752E
31	5853N	12732W	16400	1830	18	3	69	3037E	13210	57200N	58705	7659N	11366N	6731E
31	5856N	12649W	16400	1835	18	3	69	3049E	13151	57349N	58838	7705N	11294N	6739E
31	5900N	12607W	16400	1840	18	3	69	3106E	13036	57500N	58959	7713N	11160N	6736E
31	5902N	12524W	16400	1845	18	3	69	3123E	12865	57651N	59069	7725N	10983N	6700E
31	5906N	12441W	16400	1850	18	3	69	3228E	12853	57991N	59398	7730N	10844N	6900E
31	5909N	12358W	16400	1855	18	3	69	3121E	12686	58711N	60066	7748N	10832N	6603E
31	5912N	12315W	16400	1900	18	3	69	2936E	12274	58755N	60024	7811N	10671N	6865E
31	5915N	12231W	16400	1905	18	3	69	2942E	12021	58342N	59567	7821N	10440N	5959E
31	5917N	12147W	16400	1910	18	3	69	3135E	11936	58602N	59805	7829N	10167N	6253E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
31	5920N	12103W	16400	1915	18	3	69	2939E	11593	59033N	60160	7853N	10075N	5734E
31	5922N	12019W	16400	1920	18	3	69	2918E	11446	58578N	59686	7856N	9981N	5602E
31	5925N	11935W	16400	1925	18	3	69	3027E	11357	58673N	59762	7902N	9789N	5757E
31	5904N	12004W	16400	1955	18	3	69	3021E	11471	58578N	59690	7855N	9888N	5796E
31	5902N	12036W	16400	2000	18	3	69	2945E	11433	58445N	59553	7855N	9926N	5674E
31	5900N	12108W	16400	2005	18	3	69	2813E	11534	58687N	59810	7852N	10163N	5453E
31	5858N	12141W	16400	2010	18	3	69	3007E	11918	58936N	60129	7834N	10308N	5982E
31	5856N	12213W	16400	2015	18	3	69	3110E	12142	58557N	59803	7817N	10389N	6284E
31	5854N	12246W	16400	2020	18	3	69	3022E	12197	58217N	59481	7809N	10523N	6167E
31	5852N	12320W	16400	2025	18	3	69	2912E	12411	58285N	59591	7758N	10833N	6056E
31	5850N	12351W	16400	2030	18	3	69	2927E	12579	58434N	59773	7751N	10953N	6186E
31	5848N	12422W	16400	2035	18	3	69	3054E	12825	58384N	59776	7736N	11003N	6588E
31	5846N	12453W	16400	2040	18	3	69	3124E	13079	57970N	59427	7717N	11162N	6816E
31	5844N	12524W	16400	2045	18	3	69	3101E	13017	57690N	59140	7717N	11155N	6709E
31	5842N	12556W	16400	2050	18	3	69	3022E	13074	57519N	58986	7711N	11279N	6610E
31	5839N	12628W	16400	2055	18	3	69	3050E	13168	57402N	58893	7704N	11306N	6750E
31	5837N	12659W	16400	2100	18	3	69	3011E	13268	57313N	58829	7657N	11467N	6674E
31	5834N	12731W	16400	2105	18	3	69	3005E	13423	57131N	58687	7646N	11614N	6729E
31	5830N	12803W	16400	2110	18	3	69	2949E	13488	56992N	58567	7641N	11702N	6707E
31	5827N	12835W	16400	2115	18	3	69	2949E	13575	56879N	58477	7634N	11779N	6747E
31	5823N	12905W	16400	2120	18	3	69	2930E	13765	56830N	58473	7623N	11979N	6791E
31	5820N	12936W	16400	2125	18	3	69	3005E	13717	56860N	58491	7626N	11868N	6746E
31	5817N	13008W	16500	2130	18	3	69	3008E	14029	56891N	58595	7608N	12132N	7043E
31	5813N	13040W	16500	2135	18	3	69	2931E	14176	56396N	58151	7553N	12335N	6986E
31	5809N	13111W	16500	2140	18	3	69	2919E	14349	56475N	58269	7544N	12513N	7022E
31	5805N	13142W	16500	2145	18	3	69	2846E	14456	56386N	58210	7537N	12671N	6958E
31	5801N	13212W	16500	2150	18	3	69	2906E	14712	56192N	58086	7519N	12854N	7156E
31	5726N	13129W	16500	2210	18	3	69	2828E	15026	56026N	58005	7459N	13209N	7162E
31	5731N	13047W	16500	2215	18	3	69	2845E	14630	56121N	57996	7523N	12825N	7039E
31	5736N	13005W	16500	2220	18	3	69	2832E	14570	56281N	58136	7529N	12799N	6963E
31	5741N	12923W	16500	2225	18	3	69	2901E	14574	56551N	58399	7532N	12744N	7070E
31	5745N	12841W	16500	2230	18	3	69	2915E	14231	56859N	58613	7556N	12416N	6954E
31	5750N	12758W	16500	2235	18	3	69	2955E	13814	57044N	58693	7623N	11972N	6892E
31	5754N	12715W	16500	2240	18	3	69	2922E	13639	57185N	58789	7635N	11885N	6689E
31	5758N	12633W	16500	2245	18	3	69	2951E	13552	57166N	58751	7639N	11753N	6747E
31	5802N	12550W	16500	2250	18	3	69	2955E	13482	57340N	58904	7646N	11684N	6726E
31	5805N	12506W	16400	2255	18	3	69	3009E	13452	57559N	59110	7650N	11631N	6758E
31	5808N	12421W	16400	2300	18	3	69	2946E	13251	57996N	59491	7707N	11502N	6580E
31	5811N	12336W	16400	2305	18	3	69	2910E	12956	58033N	59461	7724N	11311N	6316E
31	5813N	12252W	16400	2310	18	3	69	3004E	12855	58103N	59508	7731N	11125N	6441E
31	5816N	12207W	16400	2315	18	3	69	3017E	12548	58554N	59883	7754N	10835N	6330E
31	5819N	12122W	16400	2320	18	3	69	2834E	12163	58721N	59968	7817N	10681N	5818E
31	5820N	12038W	16400	2325	18	3	69	2835E	11867	58391N	59585	7830N	10419N	5680E
31	5822N	11952W	16400	2330	18	3	69	2950E	11836	58440N	59627	7833N	10267N	5889E
31	5824N	11905W	16400	2335	18	3	69	3025E	11797	58812N	59983	7839N	10171N	5975E
31	5706N	11835W	16400	20	19	3	69	2820E	12492	58316N	59639	7754N	10994N	5930E
31	5706N	11906W	16400	25	19	3	69	2718E	12479	58221N	59543	7754N	11088N	5725E
31	5705N	11938W	16400	30	19	3	69	2747E	12541	58489N	59819	7753N	11095N	5846E
31	5705N	12010W	16400	35	19	3	69	2804E	12866	58208N	59612	7732N	11352N	6053E
31	5705N	12042W	16400	40	19	3	69	2739E	12957	58274N	59698	7727N	11476N	6015E
31	5702N	12113W	16400	45	19	3	69	2716E	13562	58033N	59597	7650N	12054N	6215E
31	5640N	12054W	16400	110	19	3	69	2739E	13289	58066N	59568	7706N	11770N	6168E
31	5642N	12010W	16400	115	19	3	69	2805E	13068	58178N	59627	7720N	11529N	6152E
31	5643N	11925W	16400	120	19	3	69	2736E	12696	58526N	59887	7745N	11250N	5884E
31	5645N	11839W	16400	125	19	3	69	2724E	12657	58254N	59614	7744N	11236N	5826E
31	5646N	11752W	16400	130	19	3	69	2811E	12728	58699N	60063	7745N	11217N	6014E
31	5646N	11706W	16400	135	19	3	69	2711E	12510	58947N	60260	7801N	11127N	5717E
32	5625N	11717W	16100	1715	19	3	69	2727E	12680	58849N	60200	7750N	11251N	5848E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
32	5624N	11750W	16100	1720	19	3	69	2704E	12727	58584N	59951	7744N	11332N	5792E
32	5623N	11823W	16100	1725	19	3	69	2719E	12768	58395N	59774	7739N	11344N	5860E
32	5622N	11855W	16100	1730	19	3	69	2646E	12604	58533N	59874	7750N	11253N	5678E
32	5621N	11927W	16100	1735	19	3	69	2755E	12927	58646N	60054	7734N	11422N	6053E
32	5620N	11959W	16100	1740	19	3	69	2851E	13233	58278N	59762	7712N	11590N	6386E
32	5619N	12031W	16100	1745	19	3	69	2757E	13390	57976N	59502	7659N	11827N	6277E
32	5617N	12105W	16100	1750	19	3	69	2744E	13384	58048N	59571	7700N	11845N	6230E
32	5615N	12138W	16100	1755	19	3	69	2802E	13663	58020N	59607	7644N	12058N	6424E
32	5613N	12212W	16100	1800	19	3	69	2806E	13841	58029N	59657	7635N	12208N	6521E
32	5611N	12245W	16100	1805	19	3	69	2855E	14128	57768N	59471	7615N	12365N	6834E
32	5609N	12318W	16100	1810	19	3	69	2847E	14226	57335N	59073	7603N	12468N	6850E
32	5608N	12350W	16100	1815	19	3	69	2819E	14267	57117N	58872	7558N	12559N	6769E
32	5556N	12220W	16000	1835	19	3	69	2752E	14143	57493N	59207	7610N	12503N	6611E
32	5557N	12143W	16000	1840	19	3	69	2725E	13958	57843N	59503	7625N	12390N	6428E
32	5559N	12106W	16000	1845	19	3	69	2723E	13686	57932N	59527	7642N	12152N	6297E
32	5601N	12028W	16000	1850	19	3	69	2716E	13565	57950N	59517	7649N	12056N	6216E
32	5602N	11950W	16000	1855	19	3	69	2835E	13459	58371N	59903	7700N	11818N	6440E
32	5603N	11916W	16000	1900	19	3	69	2643E	13263	58615N	60097	7714N	11846N	5965E
32	5604N	11840W	16000	1905	19	3	69	2614E	12808	58527N	59912	7739N	11488N	5663E
32	5604N	11803W	16000	1910	19	3	69	2650E	12945	58327N	59747	7729N	11551N	5843E
32	5605N	11725W	16000	1915	19	3	69	2622E	13030	58723N	60152	7729N	11674N	5789E
32	5606N	11650W	16000	1920	19	3	69	2525E	12916	58725N	60129	7735N	11665N	5544E
32	5546N	11731W	15900	1945	19	3	69	2547E	13222	58375N	59854	7714N	11905N	5753E
32	5545N	11804W	15900	1950	19	3	69	2515E	12999	58477N	59904	7727N	11756N	5548E
32	5545N	11837W	15800	1955	19	3	69	2618E	13297	58732N	60218	7714N	11920N	5894E
32	5543N	11910W	15800	2000	19	3	69	2633E	13549	58564N	60111	7658N	12119N	6058E
32	5543N	11942W	15800	2005	19	3	69	2731E	13919	58434N	60069	7636N	12344N	6431E
32	5542N	12013W	15800	2010	19	3	69	2756E	13862	57803N	59442	7630N	12246N	6497E
32	5540N	12045W	15800	2015	19	3	69	2700E	13838	57823N	59456	7632N	12330N	6283E
32	5539N	12117W	15800	2020	19	3	69	2727E	14108	57930N	59624	7618N	12520N	6504E
32	5537N	12150W	15800	2025	19	3	69	2739E	14305	57631N	59380	7603N	12670N	6641E
32	5535N	12221W	15800	2030	19	3	69	2743E	14515	57471N	59276	7549N	12849N	6752E
32	5532N	12251W	15800	2035	19	3	69	2815E	14578	57164N	58994	7541N	12841N	6900E
32	5514N	12231W	15900	2050	19	3	69	2725E	14713	57055N	58922	7532N	13060N	6775E
32	5516N	12154W	15900	2055	19	3	69	2646E	14643	57405N	59244	7541N	13074N	6595E
32	5517N	12117W	15900	2100	19	3	69	2651E	14373	57675N	59439	7600N	12822N	6495E
32	5519N	12040W	15900	2105	19	3	69	2639E	14113	57820N	59517	7616N	12614N	6330E
32	5520N	12004W	15900	2110	19	3	69	2652E	14085	57854N	59544	7618N	12563N	6368E
32	5522N	11928W	16000	2115	19	3	69	2620E	13990	58201N	59859	7629N	12537N	6209E
32	5524N	11852W	16000	2120	19	3	69	2517E	13875	58417N	60043	7638N	12546N	5926E
32	5525N	11816W	16000	2125	19	3	69	2427E	13507	58407N	59949	7658N	12295N	5590E
32	5525N	11742W	16000	2130	19	3	69	2433E	13403	58102N	59628	7700N	12191N	5569E
32	5525N	11709W	16000	2135	19	3	69	2523E	13404	58376N	59896	7704N	12109N	5747E
32	5526N	11631W	16000	2140	19	3	69	2439E	13095	58387N	59838	7721N	11900N	5463E
33	5250N	10949W	19300	1820	20	3	69	1928E	13653	59119N	60675	7659N	12872N	4551E
33	5246N	10913W	19300	1825	20	3	69	1940E	13511	58755N	60289	7702N	12722N	4549E
33	5242N	10837W	19300	1830	20	3	69	1911E	13599	58982N	60530	7701N	12842N	4471E
33	5244N	10801W	19300	1835	20	3	69	1857E	13635	58979N	60535	7658N	12895N	4430E
33	5246N	10725W	19300	1840	20	3	69	1909E	13282	59424N	60990	7724N	12546N	4358E
33	5245N	10648W	19200	1845	20	3	69	1733E	12798	59329N	60693	7749N	12201N	3860E
33	5243N	10611W	19200	1850	20	3	69	1907E	12893	59747N	61123	7749N	12181N	4224E
33	5241N	10534W	19200	1855	20	3	69	1629E	12879	59802N	61173	7750N	12349N	3654E
33	5237N	10459W	19200	1900	20	3	69	1535E	12724	59477N	60823	7755N	12256N	3420E
33	5234N	10424W	19200	1905	20	3	69	1547E	12722	59360N	60708	7754N	12242N	3462E
33	5230N	10349W	19200	1910	20	3	69	1516E	12674	59422N	60758	7757N	12226N	3338E
33	5226N	10315W	19200	1915	20	3	69	1511E	12632	59535N	60860	7801N	12190N	3310E
33	5222N	10240W	19200	1920	20	3	69	1415E	12667	59513N	60846	7759N	12277N	3121E
33	5218N	10204W	19200	1925	20	3	69	1436E	12605	59549N	60869	7802N	12197N	3178E

FL	LAT	LONG	ALT	GMT	DA	MO	YR	D	H	Z	F	I	X	Y
33	5215N	10129W	19200	1930	20	3	69	1350E	12410	59763N	61038	7816N	12049N	2970E
33	5210N	10054W	19100	1935	20	3	69	1325E	12355	59663N	60929	7817N	12018N	2867E
33	5206N	10020W	19100	1940	20	3	69	1308E	12372	60275N	61531	7824N	12048N	2814E
33	5201N	9946W	19100	1945	20	3	69	1104E	12347	59963N	61221	7821N	12117N	2370E
33	5156N	9912W	19100	1950	20	3	69	1112E	12371	59839N	61104	7819N	12135N	2404E
33	5151N	9838W	19100	1955	20	3	69	1032E	12416	60007N	61278	7818N	12207N	2271E
33	5145N	9804W	19100	2000	20	3	69	944E	12575	60052N	61354	7810N	12393N	2128E
33	5140N	9729W	19100	2005	20	3	69	842E	12722	59892N	61229	7800N	12573N	1924E
33	5133N	9654W	19100	2010	20	3	69	845E	12743	59715N	61059	7757N	12594N	1939F
33	5128N	9620W	19100	2015	20	3	69	802E	12648	59873N	61194	7804N	12523N	1771E
33	5122N	9545W	19100	2020	20	3	69	724E	12483	59815N	61104	7812N	12379N	1608F
33	5117N	9510W	19100	2025	20	3	69	653E	12474	59813N	61100	7813N	12384N	1498E
33	5110N	9436W	19100	2030	20	3	69	612E	12388	59958N	61224	7819N	12316N	1340E
33	5103N	9404W	19100	2035	20	3	69	505E	12236	59991N	61227	7828N	12188N	1086E
33	5056N	9332W	19100	2040	20	3	69	413E	12391	59817N	61087	7817N	12357N	913E
33	5048N	9300W	19100	2045	20	3	69	427E	12415	59781N	61056	7816N	12378N	965E
33	5042N	9228W	19100	2050	20	3	69	318E	12683	59700N	61032	7800N	12662N	732E
33	5035N	9156W	19100	2055	20	3	69	244E	12500	59593N	60890	7809N	12486N	599E
33	5029N	9124W	19100	2100	20	3	69	215E	12637	59584N	60910	7801N	12627N	496E
33	5021N	9053W	19100	2105	20	3	69	159E	12811	59424N	60789	7750N	12803N	446E
33	5013N	9022W	19100	2110	20	3	69	152E	12612	59421N	60745	7800N	12605N	411E
33	5005N	8951W	19100	2115	20	3	69	33E	12611	59606N	60925	7803N	12610N	124E
33	4957N	8921W	19100	2120	20	3	69	26E	12957	59543N	60936	7743N	12956N	98E
33	4949N	8850W	19100	2125	20	3	69	30W	12732	59619N	60963	7756N	12732N	113W
33	4944N	8818W	19100	2130	20	3	69	228W	12767	59320N	60678	7751N	12755N	551W
33	4936N	8750W	19100	2135	20	3	69	233W	12661	59193N	60532	7755N	12648N	566W
33	4928N	8720W	19100	2140	20	3	69	304W	12878	59097N	60484	7742N	12859N	690W
33	4920N	8650W	19100	2145	20	3	69	334W	12676	59108N	60452	7753N	12651N	792W
33	4911N	8620W	19100	2150	20	3	69	430W	12763	59197N	60558	7749N	12723N	1004W
33	4901N	8549W	19100	2155	20	3	69	441W	13086	59125N	60556	7731N	13043N	1069W
33	4852N	8519W	19100	2200	20	3	69	454W	13208	58926N	60388	7721N	13160N	1131W
33	4843N	8449W	19100	2205	20	3	69	536W	13199	58901N	60362	7722N	13136N	1289W
33	4833N	8420W	19100	2210	20	3	69	602W	13307	58793N	60280	7714N	13233N	1399W
33	4825N	8348W	19100	2215	20	3	69	647W	13336	58680N	60176	7711N	13243N	1576W
33	4808N	8247W	19100	2225	20	3	69	635W	13573	58533N	60086	7656N	13483N	1556W
33	4759N	8217W	19100	2230	20	3	69	744W	13530	58463N	60008	7658N	13407N	1821W
33	4750N	8147W	19100	2235	20	3	69	725W	13660	58462N	60037	7650N	13546N	1767W
33	4740N	8121W	19100	2240	20	3	69	908W	13744	58324N	59922	7644N	13570N	2182W
33	4735N	8054W	19100	2245	20	3	69	914W	13878	58104N	59738	7633N	13698N	2228W
33	4730N	8026W	19100	2250	20	3	69	953W	13984	58076N	59736	7627N	13776N	2401W
33	4724N	8001W	19100	2255	20	3	69	1007W	14035	57951N	59626	7623N	13817N	2466W
33	4717N	7937W	19100	2300	20	3	69	1030W	14150	57873N	59578	7615N	13913N	2581W
33	4709N	7914W	19100	2305	20	3	69	1126W	14313	57750N	59497	7604N	14028N	2840W