Gravity observations in the Walker Lake 1°x 2° quadrangle, California-Nevada

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INTRODUCTION

The Walker Lake 1° x 2° quadrangle, California-Nevada is located between 38° and 39° north latitude and between 118° and 120° west longitude (fig. 1). This report consolidates recently compiled gravity data and previously published data, to establish a gravity data base of 3,547 stations for a 1:250,000-scale gravity map of the quadrangle. Previously established stations that are redundant or have doubtful locations or gravity values were excluded from the data listed in this report. There is an accuracy code associated with most of the listed gravity stations so that the accuracy or reliability of the stations can be individually evaluated. Furthermore, an isostatic correction has been estimated for all stations.

Most of the previously reported gravity data in the Walker Lake quadrangle are listed in two publications of the U.S. Geological Survey. Principal facts for a total of 832 gravity stations in California and adjacent areas of Nevada were reported by Robbins and Oliver (1976). Principal facts for 1,468 gravity stations in Nevada were reported by Healey and others (1980). Two smaller sets of data were also reported. Values of the simple Bouguer gravity anomaly to the nearest milligal (mGal) for 150 stations on the Wellington and Yerington 15-minute quadrangles, Nevada were shown on the gravity map of J. W. Erwin (1970) of the Nevada Bureau of Mines and Geology. Principal facts for 102 stations located near South Lake Tahoe are listed in a thesis for the University of California at Davis by J. L. Blum (1979). Details of merging values of observed gravity from these four data sets as well as unpublished gravity from the Defense Mapping Agency Aerospace Center (DMAAC)(written commun., 1978), Northwestern University (A. H. Cogbill, Jr., written commun., 1980), the University of California at Berkeley (M. W. Reynolds, written commun., 1978), and the U.S. Geological Survey into a consistent data set are discussed in later sections.

GRAVITY DATUM

The datum of observed gravity for stations listed in this report is the International Gravity Standardization Net of 1971 (IGSN 71) described by Morelli (1974). The datum of observed gravity for stations listed by Robbins and Oliver (1976) is that of Woollard and Rose (1963), as augmented by the California gravity base network of Chapman (1966). The gravity datum of Woollard and Rose (1963) is about 14.5±0.2 mGal higher than the IGSN 71 datum. For a few years before IGSN 71 was adopted, gravity surveys in the Walker Lake quadrangle were tied to another datum, the U.S. National Gravity Base Net (Schwimmer and Rice, 1969), which was implemented by base stations descriptions and values listed in 1970 by Jablonski (1974). The values of observed gravity for the U.S. National Gravity Base Net are generally 0.8±0.2 mGal lower than the Woollard and Rose (1963) datum. Specific differences among the three datums, as determined in the Walker Lake quadrangle, will be discussed later.

Figure 1.--Index map of study area. B, Bridgeport; H, Hawthorne; M, Markleeville; and Y, Yerington.

GRAVITY BASE NETWORK

A network of base stations was established during fieldwork in 1978-1980 to tie all gravity stations to the IGSN 71 datum (table 1 and fig. 2). Ties were made to all four primary IGSN 71 bases listed by Jablonski (1974) and to one nearby primary base. Agreement of gravity differences without regard to datum was obtained to an accuracy of 0.05 mGal for the base stations at the Hawthorne, Minden, and Yerington airports, Nevada. The IGSN 71 values, however, seem to be incorrect at Ebbetts Pass and Tuolumne Meadows, California. Those values can be reconciled if it is assumed that these two locations were not occupied to establish the IGSN 71 value, but the values were derived from a statistical analysis of Chapman's (1966) network when tied to the U.S. National Gravity Base Net and later subtracting 13.90 mGal in this area, to convert to the IGSN 71 datum. Chapman's 1966 values later were revised, however, to account for a small calibration error of the gravity meter used to establish the network (Oliver and others, 1980, p. 49). Gravity values of base stations listed by Robbins and others (1975) and Robbins and Oliver (1976) indicate that the assumed IGSN 71 values should be increased by 0.16 and 0.20 mGal for the base stations at Tuolumne Meadows and Ebbetts Pass, respectively. The new values agree to within 0.05 mGal of a constant difference of 14.60 mGal between the Woollard and Rose (1963) datum and the IGSN 71 datum, as determined by ties to the three Nevada airport stations. Similar close agreement was obtained for ties to Reference Base Stations (Defense Mapping Agency, written commun., 1980) at Mina, Nevada ("AMINA") and Bridgeport, California ("CH103").

Healey (1976) established a 6-station base network in the Nevada portion of the Walker Lake quadrangle (fig. 2) by tying to a U.S. National Gravity Base Net station at Tonopah, Nevada (Tonopah J, DOD 0455-1). Healey and others (1980) converted the 1976 values to the IGSN 71 datum by subtracting 13.90 mGal, the difference between the two datums listed by Jablonski (1974) at Tonopah. The net effect of direct ties of 4 of Healey's base stations to IGSN 71 bases at Yerington, Hawthorne, and Mina was to further decrease the observed gravity values of Healey and others (1980) by 0.09 mGal. The sense of this correction agrees with a later decrease of Jablonski's (1974) Tonopah J value by 0.05 mGal (Geodetic Survey Squadron, Defense Mapping Agency, oral commun., 1980).

The accuracy of observed gravity at individual base stations in the base network is about 0.15 mGal relative to the overall net. This estimate takes into account the possibility of changes of value due to geologic causes during the years of measurement, calibration errors such as unknown circular errors for the gravity meters used, overall instrument calibration uncertainties in the 425-mGal range of base values, and uncertainty of drift corrections for field measurements.

ACCURACY CODE

A 4-digit accuracy code has been adopted, so that the reliability of the value of the gravity anomaly at each station can be individually evaluated.

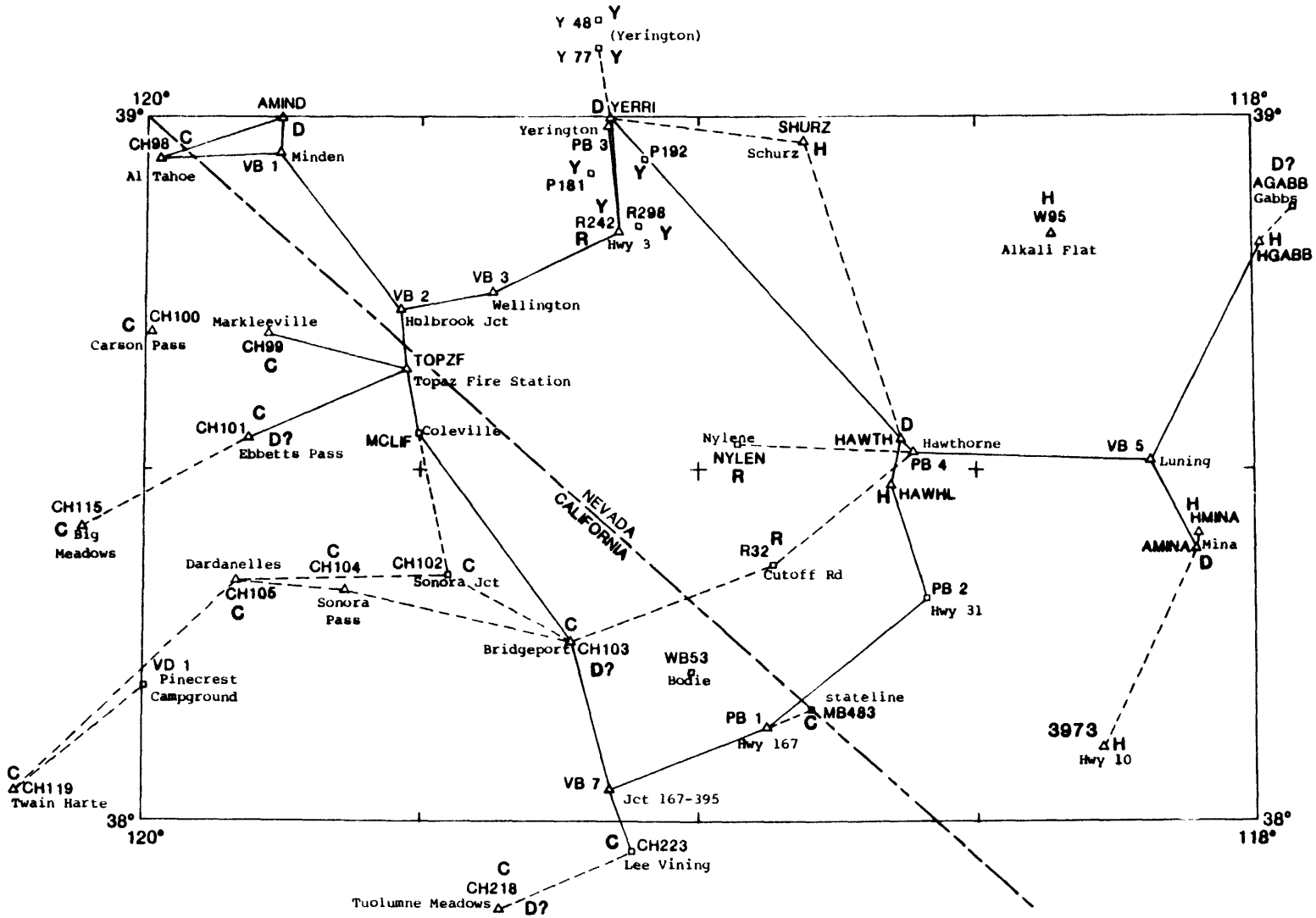

Figure 2.--Base stations. Triangles indicate locations of primary base stations. Squares indicate location of base stations with uncertain location or lower accuracy compared to primary bases. C, base listed in Robbins and Oliver (1976); D, base from Defense Mapping Agency (question mark indicates doubt about gravity value); H, base listed by Healey and others (1980); R, base or repeat-station listed by M. W. Reynolds (written commun., 1978); and Y, repeat-station occupied by Erwin (1970). Solid line indicates close tie and dashed line indicates less accurate tie.

The code essentially is the same as was used previously in principal facts reports for U.S. Geological Survey data collected in California (H. W. Oliver, Andrew Griscom, S. L. Robbins, and W. F. Hanna, written commun., 1969). The 4-digit code was determined after inspecting the map location, field notes, and gravity drift curves. The map location was the only criterion available to determine the accuracy code for stations not collected by the author. The accuracy codes listed by Robbins and Oliver (1976), however, were for the most part retained.

The first digit of the 4-digit accuracy code concisely describes the location and the type of elevation at the station (table 2). Where there is a choice of two possible codes for stations not collected by the author, the less precise code was selected. For example, the code "N" for "near a benchmark" was selected rather than "B" for "on a benchmark", if the plotted location coincides with and the elevation agrees with a benchmark location.

The second digit provides an estimate of the elevation accuracy (table 3), which relates to an appreciable source of error (0.06 mGal/ft) when calculating the Bouguer gravity anomaly. Stations were excluded if their elevation disagreed with the estimated elevation at their plotted position by greater than 80 feet, which corresponds to an error greater than 4.8 mGal for the gravity anomaly. Recent publication of twenty 7-1/2 minute quadrangles in the western part of the Walker Lake 1° x 2° quadrangle provided new photogrammetric "spot" elevations for 23 previously established stations. The average change was 14±18 feet with five changes that exceeded 25 feet. Therefore, an elevation code of "7" (±20 feet) seems correct for spot elevations established by photogrammetry on the remaining 15-minute quadrangles.

The third digit indicates the accuracy of horizontal location (table 4). A total of 8 of 3,447 stations inside the Walker Lake quadrangle were accepted that have an accuracy code worse than "6" (±2,100 feet), because the elevation accuracy and the contoured gravity anomalies were permissible.

The fourth digit of the accuracy code refers to the accuracy of the value of observed gravity (table 5). This code depends on the type of gravity meter used and the magnitude of instrument drift, and it serves to identify the stations at which the gravity observations were verified by repeat readings. The code refers to the standard deviation when two or more observations are made at the same location. This code was left blank for 741 stations from previous gravity surveys.

CALCULATION OF GRAVITY ANOMALIES

Terrain corrections were determined to various radial distances from the station using conventional templates of Hammer (1939) and Hayford and Bowie (1912; Swick, 1942). The selected radius depended on the system selected by each contributor. Terrain corrections were estimated for 1,752 stations by Donald Plouff, K. S. Grafft, and D. G. Evans to a distance of 0.90 km (Hammer's F-ring). A total of 749 stations were corrected to a distance of

2.61 km (Hammer's H-ring) by Healey and others (1980). M. W. Reynolds (written commun., 1978) provided 176 terrain corrections carried to a distance of 1.28 km (Hayford's E-ring) and the remaining 870 stations were corrected to a distance of 2.29 km (Hayford's F-ring) by various other contributors. Terrain corrections in the remaining distance interval to 166.7 km were determined with a computer program that uses topography digitized with a combination of half-minute, one-minute, and three-minute grids (Plouff, 1977b). The computer terrain correction that was determined at the shore of Lake Tahoe (station B12) is 0.13 mGal lower than that of Robbins and Oliver (1976), because the older digital model uses arbitrary elevations beneath the lake surface to compensate for the lower density of the water. I prefer to omit lakes from the reduction process and to treat them as a part of the interpretative geologic model. The bathymetric contours of the lake can easily be polygonalized to construct a layered model of the lake for quantitative analysis if needed (Plouff, 1976).

Free-air gravity anomalies were determined by using the Geodetic Reference System 1967 formula (GRS 67) for the normal gravity on the ellipsoid (International Association of Geodesy, 1971, p. 60) and Swick's (1942, p. 65) formula for the free-air correction. Bouguer, curvature, and terrain corrections were added to the free-air anomaly at each station to determine complete Bouguer anomalies at a standard reduction density of 2.67 g/cm^3. Isostatic corrections were estimated by using R. C. Jachens' method (Jachens and Roberts, 1981) to obtain the effect of local isostatic compensation by the Airy-Heiskanen system with 3-minute topographic digitization. The parameters assumed for the isostatic model were 25 km for the normal crustal thickness, 2.67 g/cm^3 for the density of the crust, and 3.07 g/cm^3 for the density of the upper mantle.

LISTS OF PRINCIPAL FACTS

The characteristics of gravity data provided by various contributors will be discussed in the following sections. The format of the tables that list the data associated with each data source is defined here. All the information listed for each station fits on an 80-column punchcard and is reformatted for readability in the tables.

Station names consist of a 3-digit prefix followed by a 5-digit sequence number. The prefix "MAP" indicates that the present author determined the location, elevation, observed gravity, terrain correction, and anomalies at the given station. The prefix "-AP" indicates that a change of location or elevation was needed for a previously established station, which necessitated a recalculation of the terrain correction and anomalies. The prefix "M-P" indicates that a minor change was made such as recalculation of the terrain correction. The fourth digit (or fifth if the fourth digit is blank) usually is an alphabetical character that indicates the data source. Figures 3a-3h show plots of the station locations in 30-minute rectangles. Station names are abbreviated to help readability.

Locations are described in geographic coordinates expressed in degrees and minutes. Elevations are expressed in feet as shown on the maps and lists from which they are obtained.

The observed gravity is referenced to IGSN 71. The observed gravity is expressed in units of milligals, as are the anomalies and terrain corrections that follow. The free air anomaly uses the GRS 67 formula for ellipsoidal gravity at sea level and includes higher order terms of Swick's (1942, p. 65) formula for the free-air correction.

The alphabetical character that follows the hand terrain corrections denotes the outermost ring of the Hammer or Hayford correction that was used for the determination. Lowercase letters denote the Hammer system and uppercase letters denote the Hayford system. The column labeled "COMP" includes the digital computer portion of the terrain correction, which is determined between the outer limit of the hand terrain correction and 166.7 km from the station.

The Bouguer gravity anomaly includes a correction for the Earth's curvature to 166.7 km as well as the terrain correction. The isotatic anomaly includes an estimate of the isostatic correction based on worldwide departures of the land or ocean bottom surfaces from sea level.

"ACC CODE" refers to the 4-digit accuracy code discussed earlier. "DATE" is the most recent date, expressed in month, day, and year (with the leading 19 omitted) when gravity was observed at the station. If the specific date was not known to the author, a range of possible years, for exampe "76to78", or the years prior to the receipt of or publication of the data, for example, "pre-76", are listed. "BASE NAME" is the 5-digit name of the base station to which the station was tied. The column labeled "ST" refers to the state in which the station is located. A total of 2,614 stations are located in Nevada (NV), 927 in California (CA), and 6 on the border (CN).

The following statistical information summarizes the principal facts for 3,447 gravity stations in the Walker Lake 1° x 2° quadrangle. The elevations range from 3,959 to 12,436 feet with an average of 5926±1501 feet, the last number indicating the standard deviation. The observed gravity ranges from 978,996 to 979,667 mGal with an average of 979,481±120 mGal. The free-air anomalies range from -72 to +170 mGal with an average of -4±41 mGal. The total terrain corrections range to 50 mGal with an average of 4±5 mGal. The free-air anomalies corrected for terrain range from -70 to +210 mGal with an average of 0±44 mGal. The Bouguer gravity anomalies range from -264 to -129 mGal with an average of -203±19 mGal. The isostatic anomalies range from -61 to +12 mGal with an average of -21±13 mGal.

RECENT DATA OF U.S. GEOLOGICAL SURVEY

A total of 1,057 gravity stations were established or reoccupied by the author between 1978 and 1980 (table 6). D. G. Evans, L. L. Chau, R. F.

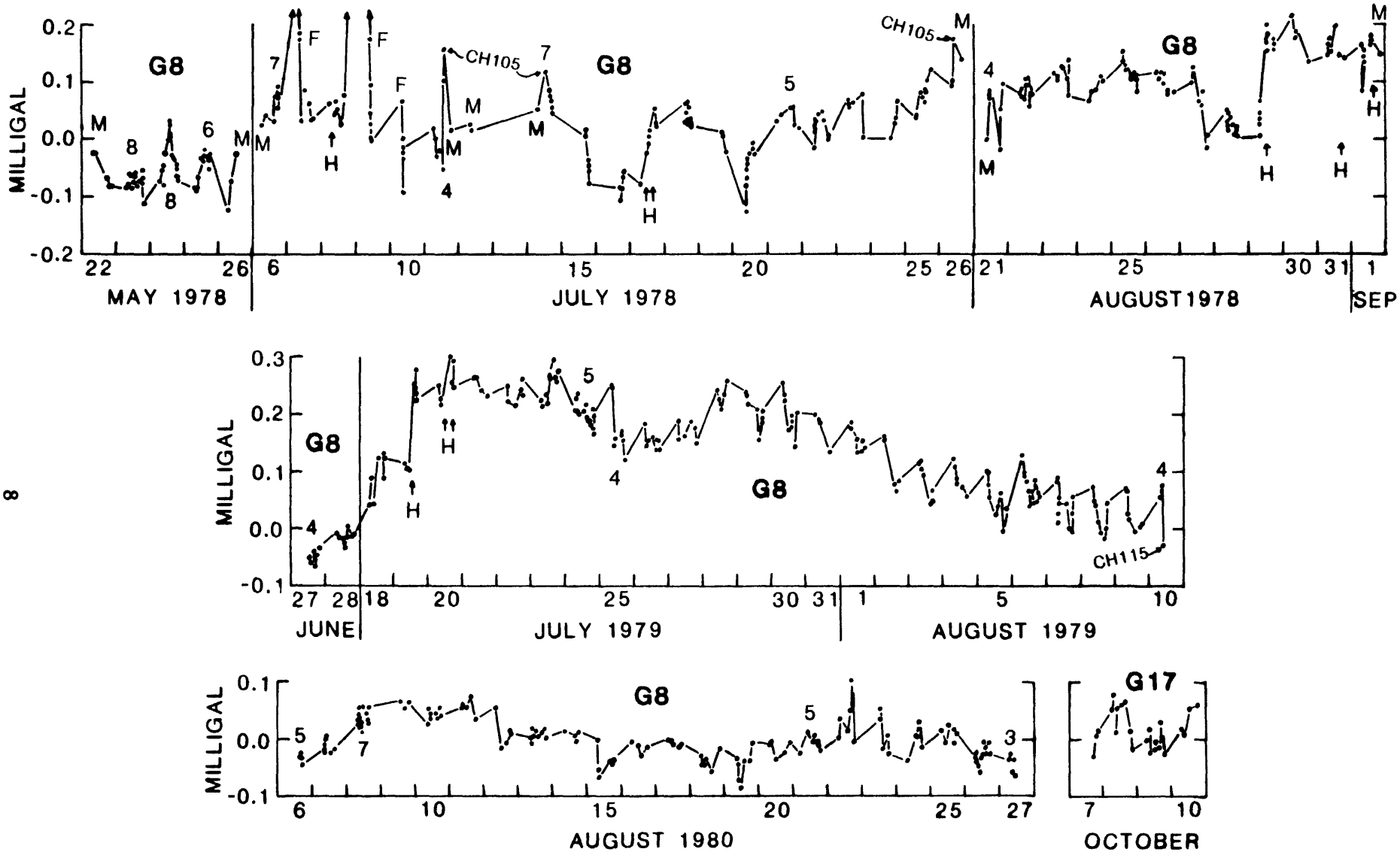

Figure 4.--Drift of gravity meters used during present study. Dots that delineate drift curves are determined from observations at base stations or repeated readings of Lacoste and Romberg gravity meters G8 and G17. Lines are loci of linearly interpolated drift values. Numbers indicate number of base stations read during a day. F, interval of erratic drift caused by instrument problem; H, interval when helicopter transportation was used; and M, reading at Menlo Park, California.

Sikora, and D. R. Jefferis assisted in the field work. H. M. Van Buren established 42 of the stations. The purpose of the survey was to fill in the gaps in previous gravity surveys and to prepare a consistent gravity data base for future mineral appraisal of the Walker Lake 1° x 2° quadrangle. The fieldwork included observations in wilderness and roadless areas in and near the quadrangle. A total of 43 stations were established short distances outside the quadrangle to aid contouring the gravity anomaly maps.

All field observations were made with LaCoste and Romberg gravity meter G8 except during an interval of four days in October 1980 when Lacoste and Romberg gravity meter G17 was used. The tide-corrected drift curves for the three field seasons indicate that the maximum daily drift seldom exceeded 0.1 mGal (fig. 4). Exceptions occurred during early July 1978, when a faulty eliminator caused erratic drift and on July 29, 1978 and July 19, 1979 when tares seemed to be associated with helicopter usage. The curves also include the effect of imprecision of the determined values of observed gravity for the base stations and repeated stations that form the drift curves. Closely-spaced clusters of base readings generally were consistent with the determined values, including long-distance ties to the prime base at Menlo Park, California in 1978. Three observations at Dardanelles (CH105) indicate that the assumed value is at least 0.03 mGal too low compared to other base stations of the net. Similarly, a one-way tie indicates that the Big Meadows base (CH115) seems to be about 0.08 mGal too high. The observed gravity at a base near the Pinecrest Campground (VD 1) was determined to be 0.15 mGal lower than the previously established value.

Station elevations were acquired from several sources in addition to published topographic maps of the U.S. Geological Survey. The Mono County Highway Department (written commun., 1978) provided elevation profiles along county roads near Bridgeport, California. The Hawthorne Army Weapons Depot (written commun., 1978) provided elevations for benchmarks near the depot and other elevations near water reservoirs to the west. The Anaconda Company (written commun., 1978) provided supplementary elevation information near Yerington, Nevada. The Department of Water and Power of the City of Los Angeles provided detailed topographic maps and power pole elevations along the Sylmar-Oregon high voltage DC line (Edward York, Jr., and A. A. Galindo, written commun., 1979). Short surveys to nearby benchmarks were made to establish the height of the water level at Topaz Lake and Walker Lake. Two profiles of closely-spaced gravity stations also were surveyed by the author southwest of Bridgeport, California and northwest of Hawthorne, Nevada.

DATA FROM DEFENSE MAPPING AGENCY GRAVITY LIBRARY

Principal facts for 125 stations received from the Defense Mapping Agency, Aerospace Center (DMAAC)(written commun., 1978) are listed in table 7. The Defense Mapping Agency no longer distributes gravity data. The Terrestrial and Geophysics Branch of The National Geophysical and Solar Terrestrial Data Center, Boulder, Colorado 80303, now distributes gravity data that are located in the conterminous United States. The data received, which are located in

the Walker Lake quadrangle and 15 minutes beyond its borders, were derived from 4,480 stations submitted in 37 contributions, as identified by "source codes", to the Defense Mapping Agency Gravity Library. All except one of the 24 contributions from the U.S. Geological Survey were discarded, because they duplicate data already in our files. Two data sets from Northwestern University, one from the California Division of Mines and Geology, and one from the Nevada Bureau of Mines and Geology also were in our files in a more complete form. One uncertain source and three old surveys of the University of Wisconsin were discarded, because the existence of local base stations and locations were doubtful.

A one-digit code letter, which replaces the DMAAC four-digit numerical source code, is a prefix to the four-digit sequence number in table 7. The letter "B" for the first three stations corresponds to source code 2179, "Gravity reductions, Nevada Basin and Range Project Group 1 USGS". The rest of this set were discarded where the location was repeated by another gravity station, because no earth-tide corrections were made (D. R. Mabey, oral commun., 1976). Ties to 54 stations of the U.S. Geological Survey and the University of California at Berkeley indicated that the DMAAC value of observed gravity for the B-stations should be increased 0.1±0.2 mGal. An increase of 0.08 mGal was made in table 7 so that observed gravity is expressed to the nearest 0.1 mGal for the B-stations.

The Geodetic Survey Squadron at Cheyenne, Wyoming provided four sets of gravity data. F-stations (source code 5116) were collected in 1968, Q-stations (code 5130) in 1969, H-stations (code 5144) in 1971, and X-stations (code 5163) in 1972. The observed gravity values for the F-, Q-, and X-sets were studied in northwestern Nevada (Plouff, 1977a, p. 35), where it was determined that the DMAAC values should be decreased by about 0.1 mGal. The DMAAC observed gravity values for the F-stations were decreased by 0.20 mGal at Walker Lake based on 22 ties (±0.15 mGal). The H-stations were unchanged based on ties at 31 stations (±0.1 mGal). The DMAAC values for the Q-stations were decreased by 0.22 mGal in the Walker Lake quadrangle based on 37 ties (±0.13 mGal). The DMAAC values of observed gravity for the X-stations were decreased by 0.14 mGal based on 36 ties (±0.08 mGal). More than 30 DMAAC gravity stations from the H-, Q-, and X-sets were discarded, because the listed elevations could not be reconciled with the listed locations.

DATA FROM CALIFORNIA DIVISION OF MINES AND GEOLOGY

The California Division of Mines and Geology (CDMG) began a gravity survey near Bridgeport, California in 1962 under the direction of R. H. Chapman. Most of the CDMG gravity data listed in table 8 also were listed by Robbins and Oliver (1976, tables 5, 6, and 7) at the Woollard and Rose (1963) datum. However, 0.19 mGal was added to the gravity values before converting to the IGSN 71 datum, to account for a change of observed gravity assumed for the Bridgeport base station (CH103) since Chapman's (1966) evaluation. Similarly, 0.11 mGal was added to the gravity anomalies for B-stations tied to the Al Tahoe base (CH 98).

Only 17 of the original 177 Bodie stations (Kleinhampl and others, 1975) are listed, because this is an adequate number to portray the anomalous gravity field at 1:250,000 scale. The original "CB" or "B" prefices of the Bodie station names were changed to "BD", to avoid duplication of station names with other stations in the quadrangle. Thirteen stations with "WLAG" prefices, located at key points of closely-spaced profiles near Bridgeport (R. H. Chapman, written commun., 1980), were sufficiently representative for the present study.

DATA FROM NEVADA BUREAU OF MINES AND GEOLOGY

The Nevada Bureau of Mines and Geology (NBMG) began a gravity survey near Yerington, Nevada in 1967. The results of the gravity survey were published as a simple Bouguer gravity anomaly map (Erwin, 1970). The data reduction method applied ties of observed gravity and latitude corrections as additive constants, so that Bouguer anomalies were determined to the nearest milligal, but the absolute value of the observed gravity was not obtained in an intermediate step. Therefore, the U.S. Geological Survey recompiled the original gravity survey data and determined terrain corrections, to prepare a data set consistent with the other principal facts of this report (table 9). Fifty-seven of the 102 stations listed are to the north of the Walker Lake quadrangle.

The original compilation sheets obtained from the Nevada Bureau of Mines and Geology (J. W. Erwin, written commun., 1978) included dates and times for most of the gravity readings, the elevation, and the north-south component of distance in miles relative to the base station of the day. Location descriptions were given in section-township-range format without a sequence number. The stations were assigned a sequence number and were plotted on 1:62,500-scale topographic maps, so that geographic coordinates could be determined. Most location ambiguities, especially at section corners, were resolved by reference to the stated elevations, distances and time intervals to the previous and following readings, and Bouguer anomalies printed on Erwin's (1970) map. Where the elevation was not printed as a bench mark or a spot elevation on the topographic map, the uncertainty, if acceptable, was reflected in the elevation and location accuracy codes and the suffix "Q" after the sequence number.

Presumed repeat-readings and ties to observations of other gravity surveys were used to establish instrument drift control needed for the determination of observed gravity. The scatter within a day on the drift curve was seldom less than 0.7 mGal (fig. 5) and the estimated accuracy of the observed gravity generally is not better than 0.5 mGal (table 9). In addition to the high daily scatter, the high rate of drift of the Worden gravity meter that was used is indicated by a long term drift rate of 0.57 mGal/day between September 4 and November 28, 1969. Other factors that contributed to the lack of precision of the values for the purpose of the present study was the absence of times for many readings and the uncertainty of dates during the interval November 20-29, 1967.

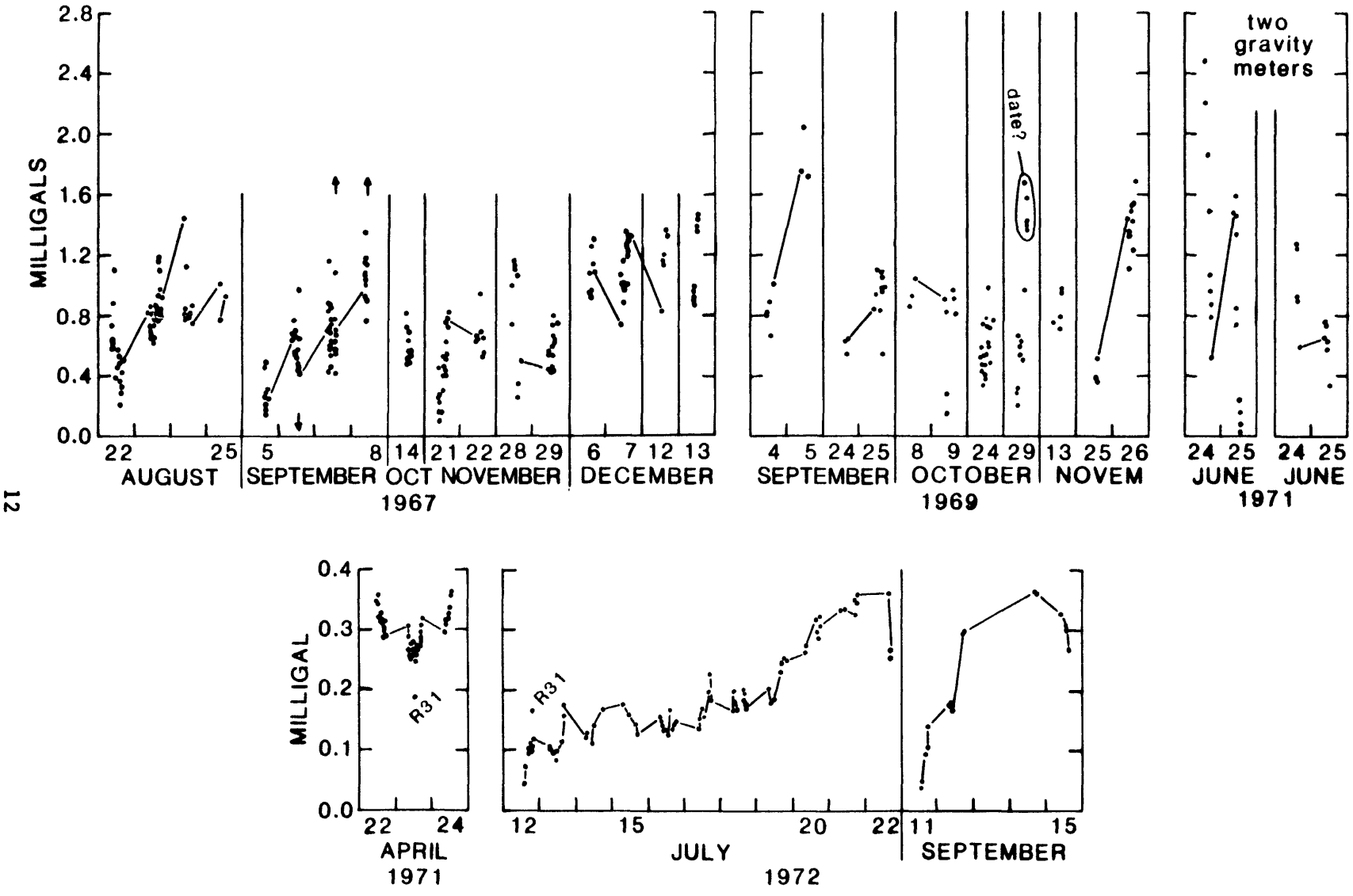

Figure 5.--Drift of gravity meters used by the Nevada Bureau of Mines (upper curve) and by the University of California at Berkeley (lower curve). Dots that delineate drift curves are determined from observations at base stations or repeated readings. Long vertical lines indicate changes of drift datum. Arrows indicate values outside plot boundary.

DATA FROM THE UNIVERSITY OF CALIFORNIA AT BERKELEY

C. M. Gilbert and M. W. Reynolds (1973) collected gravity data during 1971-1972 in connection with their study of the development of Basin and Range valleys. The gravity data included readings at 414 locations, using Lacoste and Romberg Gravity Meter G244 (M. W. Reynolds, written commun., 1978). The gravity meter was calibrated on the Mt. Hamilton loop (Barnes and others, 1969) and the values of observed gravity were determined by the U.S. Geological Survey from field readings. Though daily ties were not made to primary base stations, the values of observed gravity mostly are accurate to within 0.1 mGal because the primary base stations were from the California net of Chapman (1966). Gravity ties to three of five auxiliary base stations show that the daily drift was less than 0.1 mGal (fig. 5). The long-term drift of about 0.025 mGal/day between July 12 and July 21, 1972, though somewhat high for this type of gravity meter, did not restrict the accuracy. Thirty-one stations were excluded because they were repeated by a later survey or were closer spaced than warranted by the elevation uncertainty.

We estimated terrain corrections to a distance of 0.90 km for 207 of the 383 stations listed in table 10. The other 176 stations were estimated to 1.28 km by the University of California at Berkeley. The remaining terrain correction to 166.7 km was done by using digital terrain as discussed earlier. Elevations for 26 stations, established in April of 1971, were obtained by contour interpolation, though altimeter readings were taken in the field. The altimetric drift control was fair, but no temperature or humidity measurements were taken which are needed to convert barometric readings to elevations. The altimetric measurements, however, still may be utilized because hourly climatological data now have been received for weather stations at Bishop, California and Reno, Nevada and records of the daily temperature extremes were obtained for Bodie and Bridgeport, California.

PREVIOUS DATA IN CALIFORNIA FROM U.S. GEOLOGICAL SURVEY

Table 11 lists principal facts for 438 stations from tables 2, 3, 4, 5, 7, 8, 9, and 10 of Robbins and Oliver (1976). Stations from the remaining tables of Robbins and Oliver (1976) were data from the California Division of Mines and Geology, which are listed in table 8 of the present report. Stations from the original report that were discarded because of redundancy or doubtful value are listed at the end of table 11. A total of 55 stations include changes that were made to improve map elevations, locations, or terrain corrections. For example, terrain corrections to 0.9 km were substituted for stations from table 10 of Robbins and Oliver (1976), which were terrain corrected to a distance of about 20 to 28 km from the station by a system unknown to me. Except for stations located near bench marks, the second and third digit of the accuracy codes in table 11 tend to be one number lower than those in table 6. An elevation accuracy of "6" was assigned to special photogrammetrically determined "T" elevations, because the accuracy of the method was 10 feet (H. W. Oliver, oral commun., 1981).

DATA FROM A. H. COGBILL, JR.

A total of 207 stations are listed in table 12 that were obtained from A. H. Cogbill, Jr. (written commun., 1981; Healey and others, 1980, p. 18-29). The remaining stations established in the Walker Lake quadrangle were excluded because they were redundant for the present purpose, repeated by a later survey, or had doubtful locations or elevations. The purpose of the survey was to study the relationship between seismicity and crustal study in a large area of Nevada (Cogbill, 1979). The data were reduced in cooperation between Northwestern University and the U.S. Geological Survey.

The prefix, "SS" (Soda Spring), for the first 153 station names of table 12 was not included in the report by Healey and others (1980). A rather consistent error of geographic coordinates is indicated because many of the station locations plot about 50 m south to southeast of the true map location. The geographic coordinates for all of the "GV" series of stations located in the northeast 30-minute corner of the Walker Lake quadrangle were corrected, because the recently published 1:24,000 scale topographic maps were not available at the time of the original compilation. The changes ranged to 400 m distance. The estimated accuracy of observed gravity was related to the use of a Worden Educator gravity meter (0.5 mGal) in 1974 and a Worden Master gravity meter (0.2 mGal) in 1975 and 1976 (A. H. Cogbill, Jr., written commun., 1981). As discussed earlier, the values of observed gravity are 0.09 mGal lower than those listed in Healey and others (1980), principally based on direct ties between their base near Mina, Nevada ("HMINA") and the DMAAC Reference Base Station at Mina ("AMINA").

PREVIOUS DATA IN NEVADA FROM U.S. GEOLOGICAL SURVEY

Table 13 lists 779 gravity stations collected by Healey and others (1980). A total 550 stations with 4-digit station numbers were established in conjunction with the Nevada Tectonic Project and 229 stations with W-prefices were established in conjunction with the present Minerals Appraisal Program. The stations tabulated by Healey and others (1980), but not listed in table 13, are listed in tables 7 or 12 or at the end of table 13 in a set that was discarded on the basis of duplication by later observations, too close a spacing for the present purpose, or doubtful locations or elevations.

The values of observed gravity listed in Healey and others (1980) were decreased 0.09 mGal on the basis of 4 ties of their base stations to 3 DMAAC Reference Base Stations. Accuracies of the following 4 ties were about 0.03 mGal. The initial increments that were averaged are 0.10 mGal at "HAWHL" (no. 4358), 0.12 mGal at "HMINA" (no. 4159), 0.08 mGal at "HGABB" (no. 4415), and 0.06 mGal at no. 3973. The accuracy of most of the observed gravity data collected by Healey and others (1980) probably exceeds 0.1 mGal, because a Lacoste and Romberg gravity meter was used and earth-tide corrections were made.

The locations for all the stations with 4-digit numbers--not the later W-stations--were corrected to account for their true positions on topographic maps published after they were established. The code, "h", for the outer limit of the hand terrain correction refers to Hammer's (1939) H-ring (2.6 km) although an unknown number of stations were corrected through Hammer's L-ring (14.7 km). The digital terrain model used by Healey and others (1980) and Robbins and Oliver (1976) was prepared from estimates of the average elevation of one-minute and three-minute compartments (Robbins and others, 1973).

DATA FROM J. L. BLUM

The data listed in table 14 are 63 stations from J. L. Blum's (1979) thesis at the University of California at Davis. The accuracy of the tide-corrected gravity observations was expressed by Blum (1979) as 0.2 mGal based on repeats of 5 of his previous readings and 0.5 mGal obtained from 10 repeats of observations of others, which reflects the combined uncertainty of reoccupation as well as observed gravity. Blum (1979) also stated that the gravity meter that he used measured 1.05 mGal too high over a 355-mGal range between previously established base stations at Al Tahoe and Placerville, California. This error corresponds to an error of 0.10 mGal over the 35-mGal range of his measurements.

Blum (1979) estimates an elevation accuracy of five feet based on a comparison between his altimetrically-determined elevations and map elevations, though it is not explained why elevations can be expressed to the nearest 0.1 foot. Depending on the altimetric drift control and weather conditions, I would expect that the accuracy of the altimetry is no better than 10 feet. The digital part of the terrain corrections was redone for consistency by using topographic data from the present study. Recalculations of Blum's (1979, app. 1) digital terrain corrections and complete Bouguer gravity anomalies resulted in agreement to 0.1-mGal.

DATA FROM D. K. MAURER

Principal facts listed in table 15 for 243 gravity stations were obtained from D. K. Maurer (written commun., 1981) of the Water Resources Division of the U.S. Geological Survey in Carson City, Nevada. The purpose of the survey was to estimate the thickness of sediments and basement configuration beneath Carson Valley, Nevada. A Texas Instruments model III gravity meter was used for the survey. A correction of 13.9 mGal was subtracted from Maurer's values of observed gravity, to account for the difference between the U.S. National Gravity Base Net and IGSN 71 datums at the Douglas County Airport Base Station ("AMIND"). Maurer stated that repeat readings for 39 of 40 stations in the surveyed area agreed to within 0.25 mGal of the first reading. The observed gravity at 29 of 45 plotted locations of Maurer's stations that were repeated during the present study agreed to with 0.1 mGal. Eight stations had a difference between 0.1 and 0.2 mGal. Two stations differed by 1.3 and 2.8 mGal, indicating mis-ties or mis-readings. Therefore, Maurer's observations appear to be more accurate than 0.2 mGal.

Topographic maps with a 5-foot contour interval provided excellent elevation control for most stations. The digital part of the terrain corrections (2.29 to 166.7 km) was redone for consistency by using topographic data from the present study.

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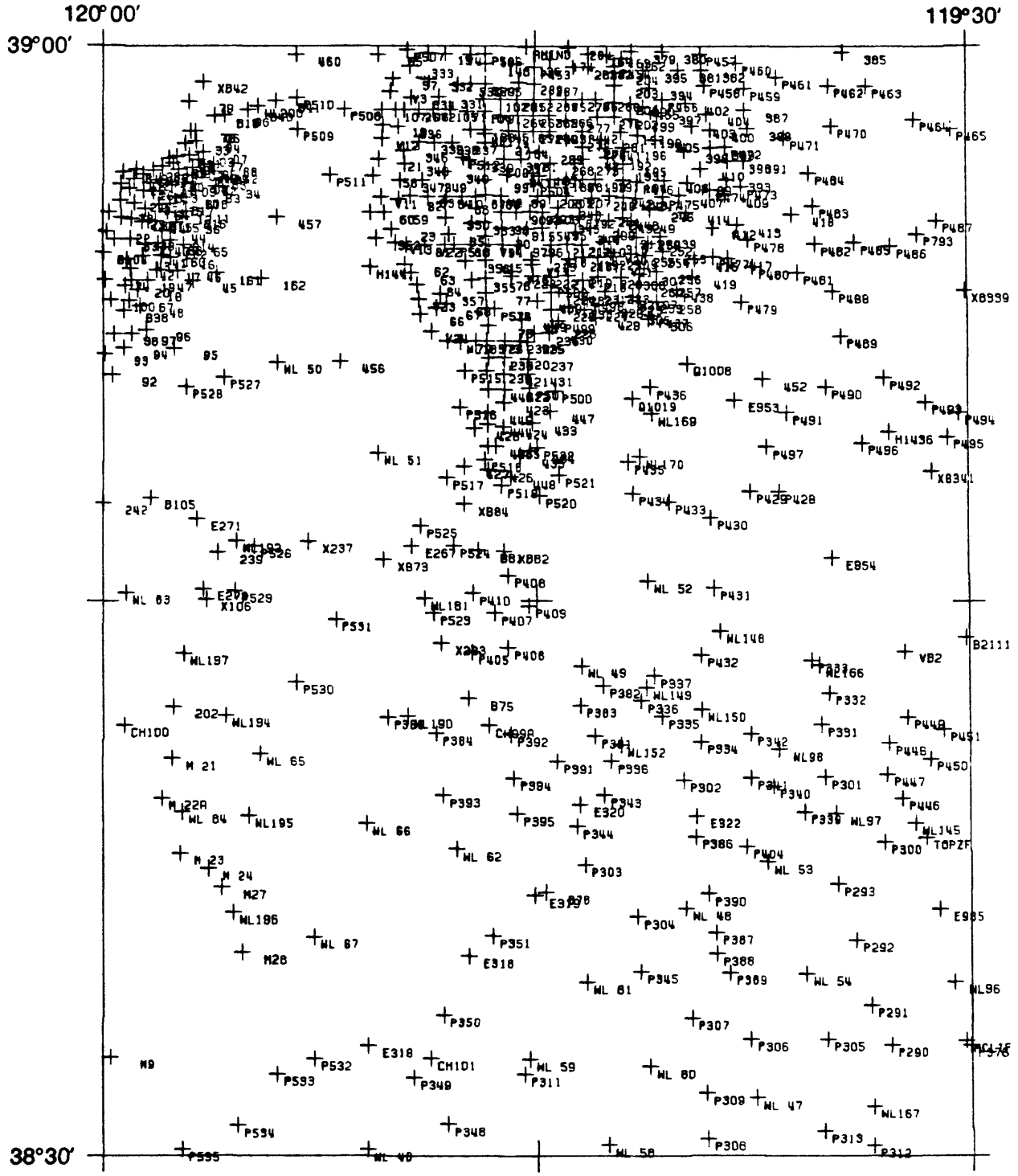

Figure 3a.--Station names.

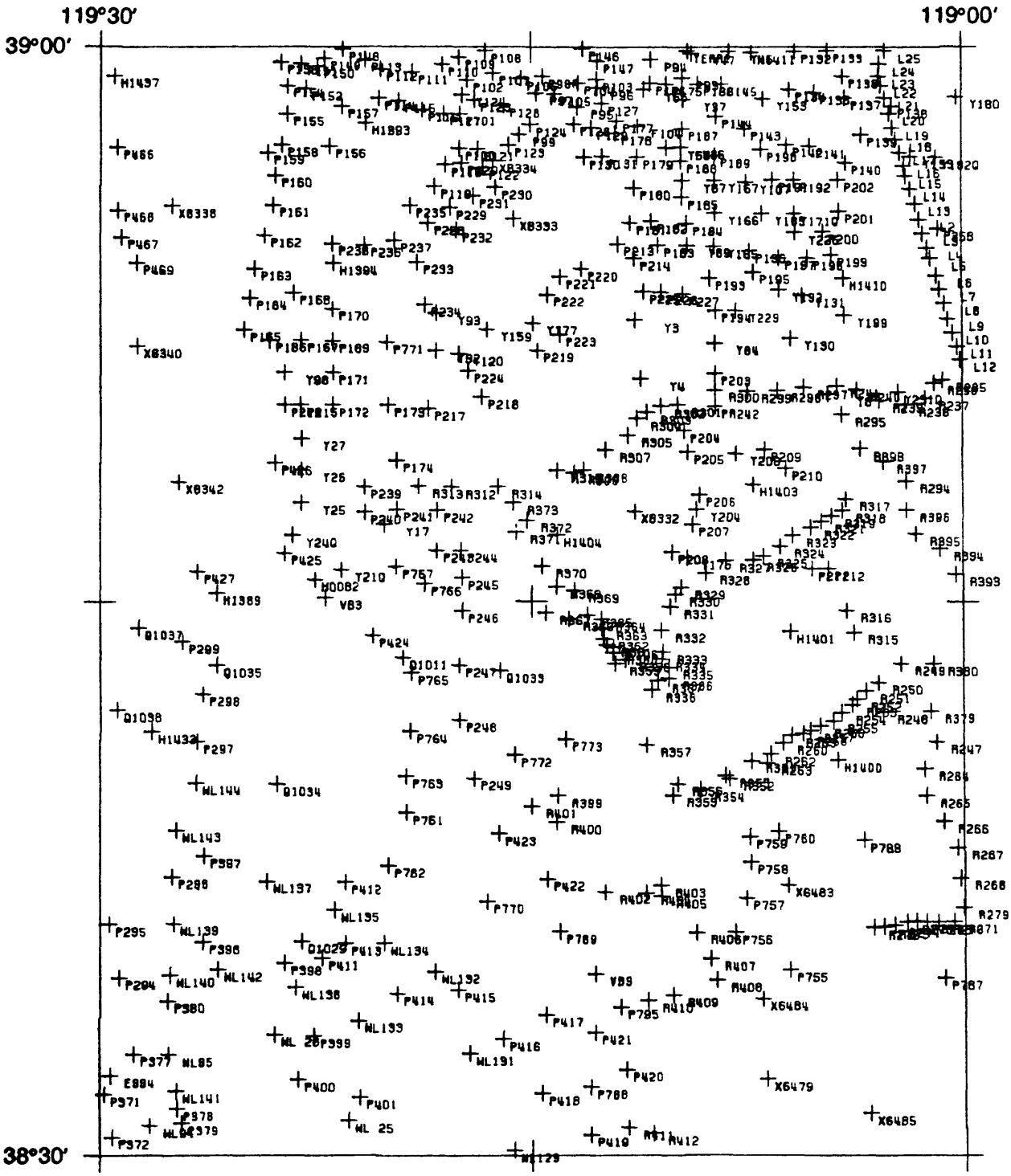

Figure 3b.--Station names.

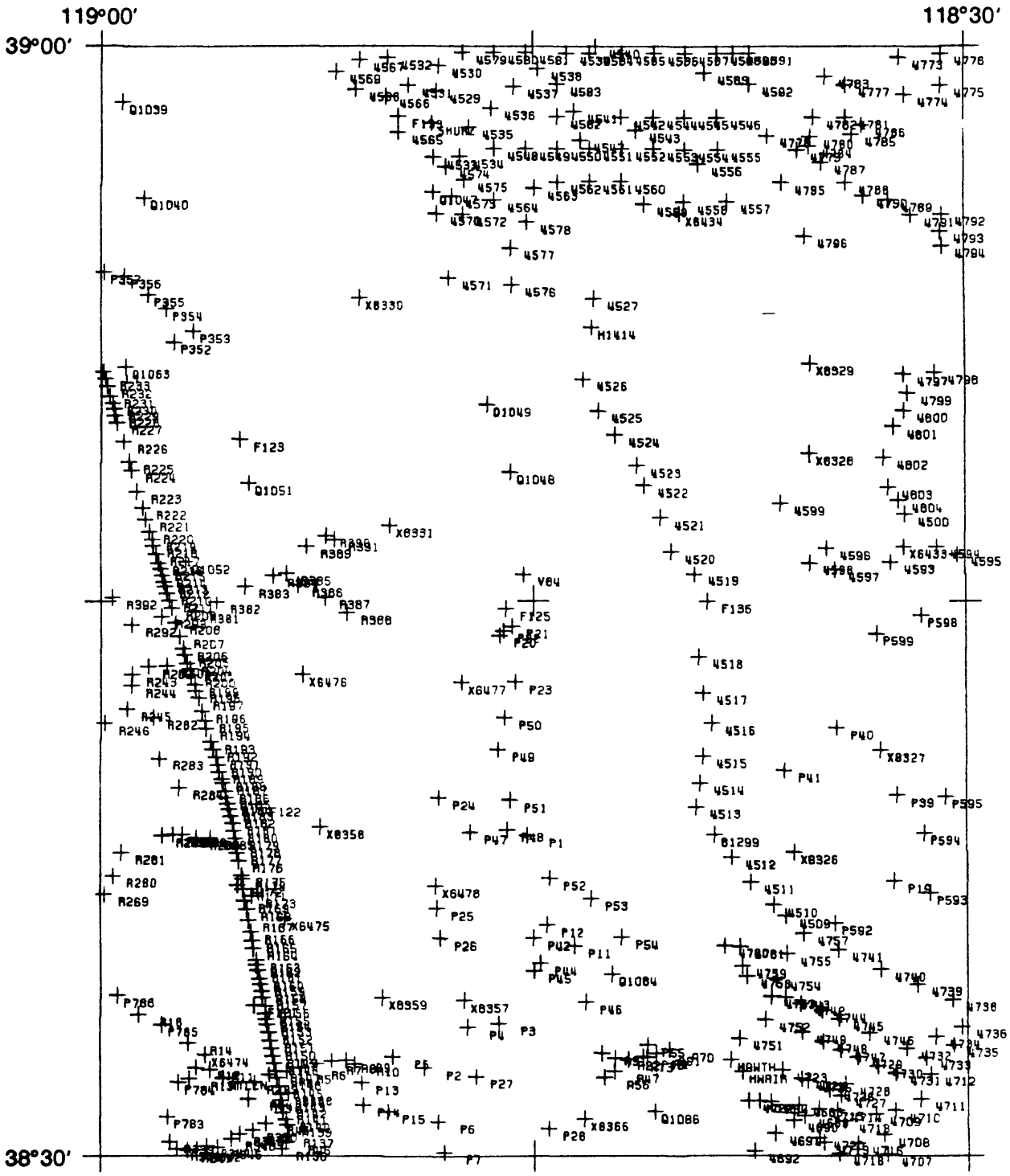

Figure 3c.--Station names.

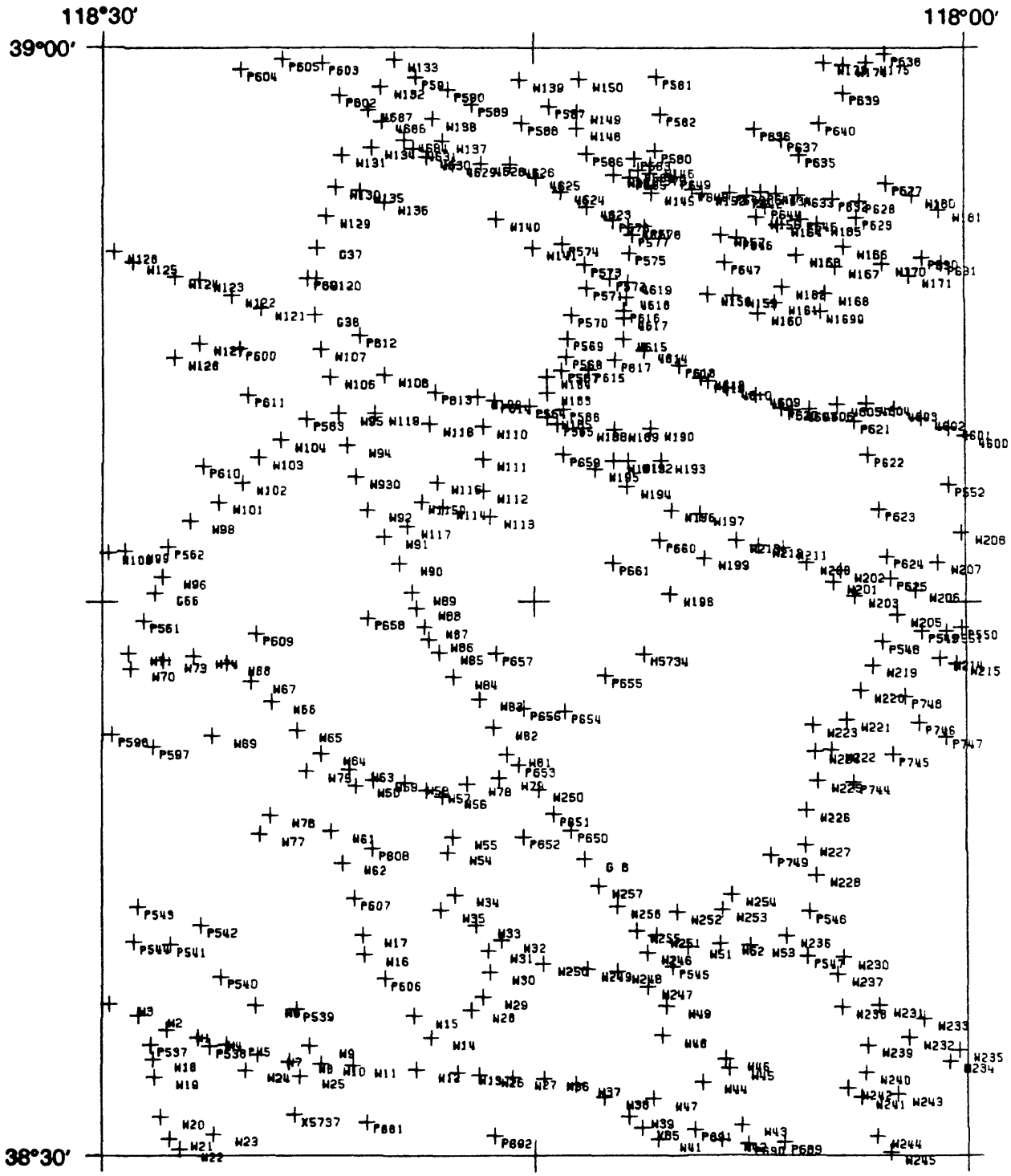

Figure 3d.--Station names.

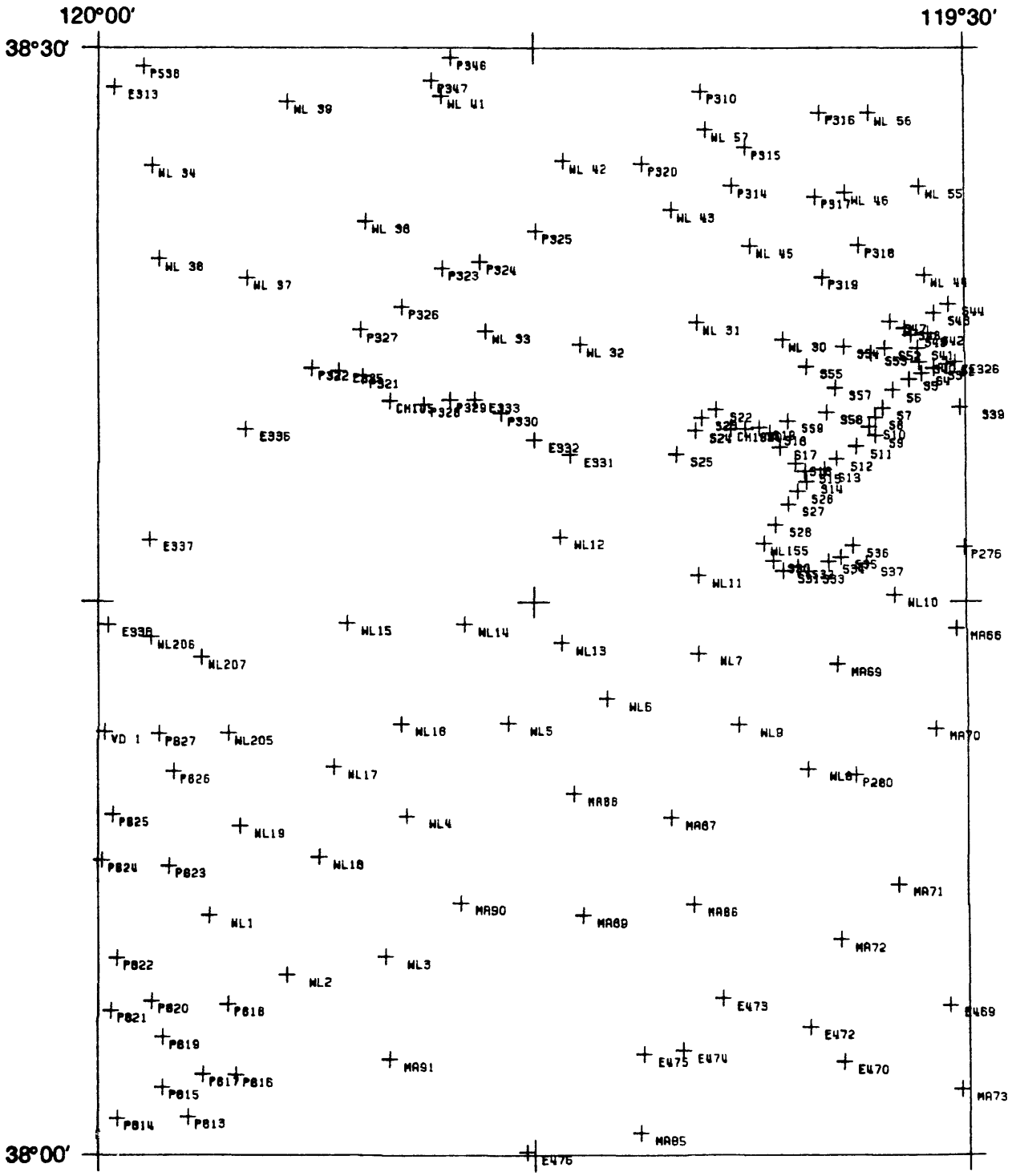

Figure 3e.--Station names.

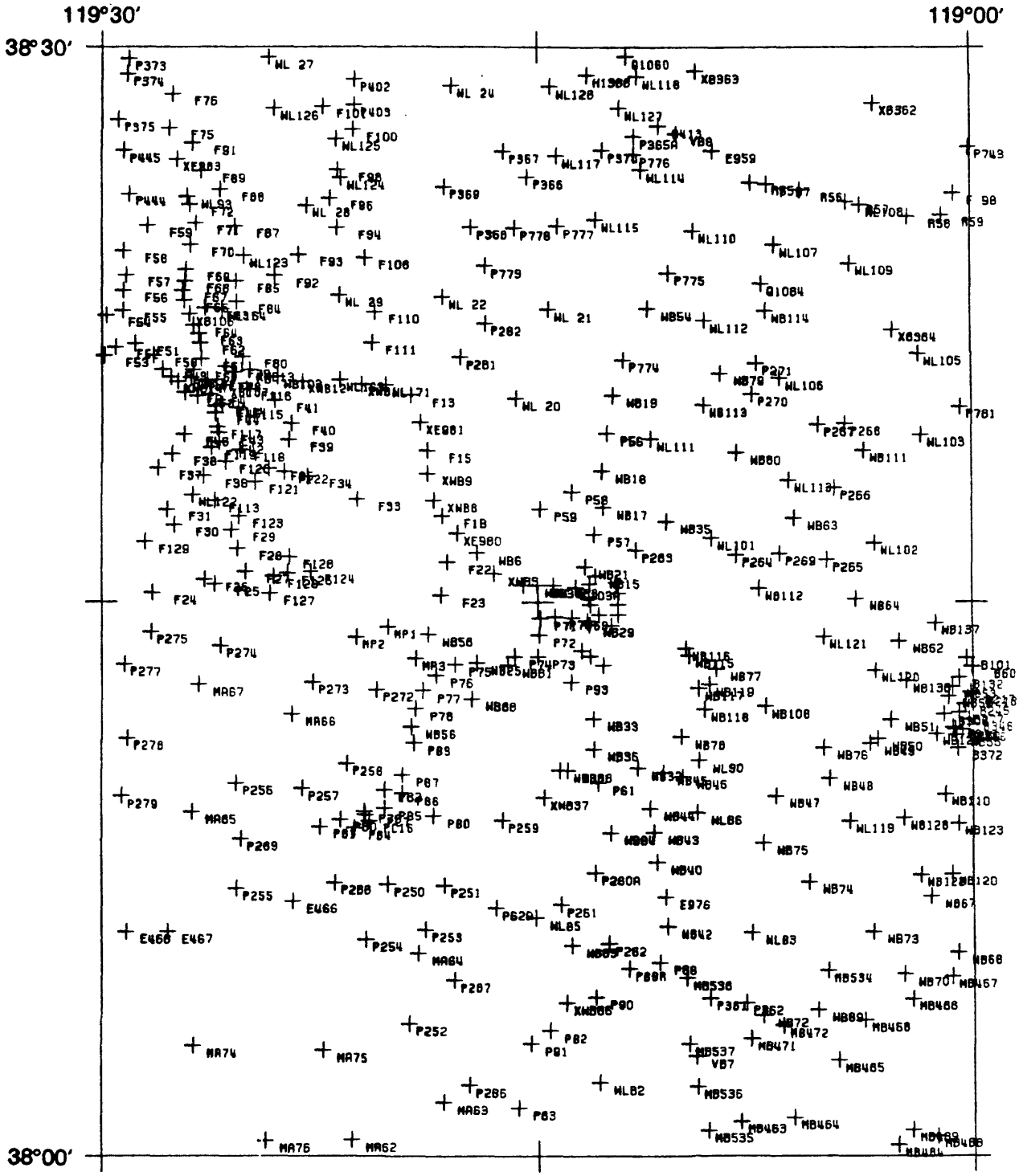

Figure 3f.--Station names.

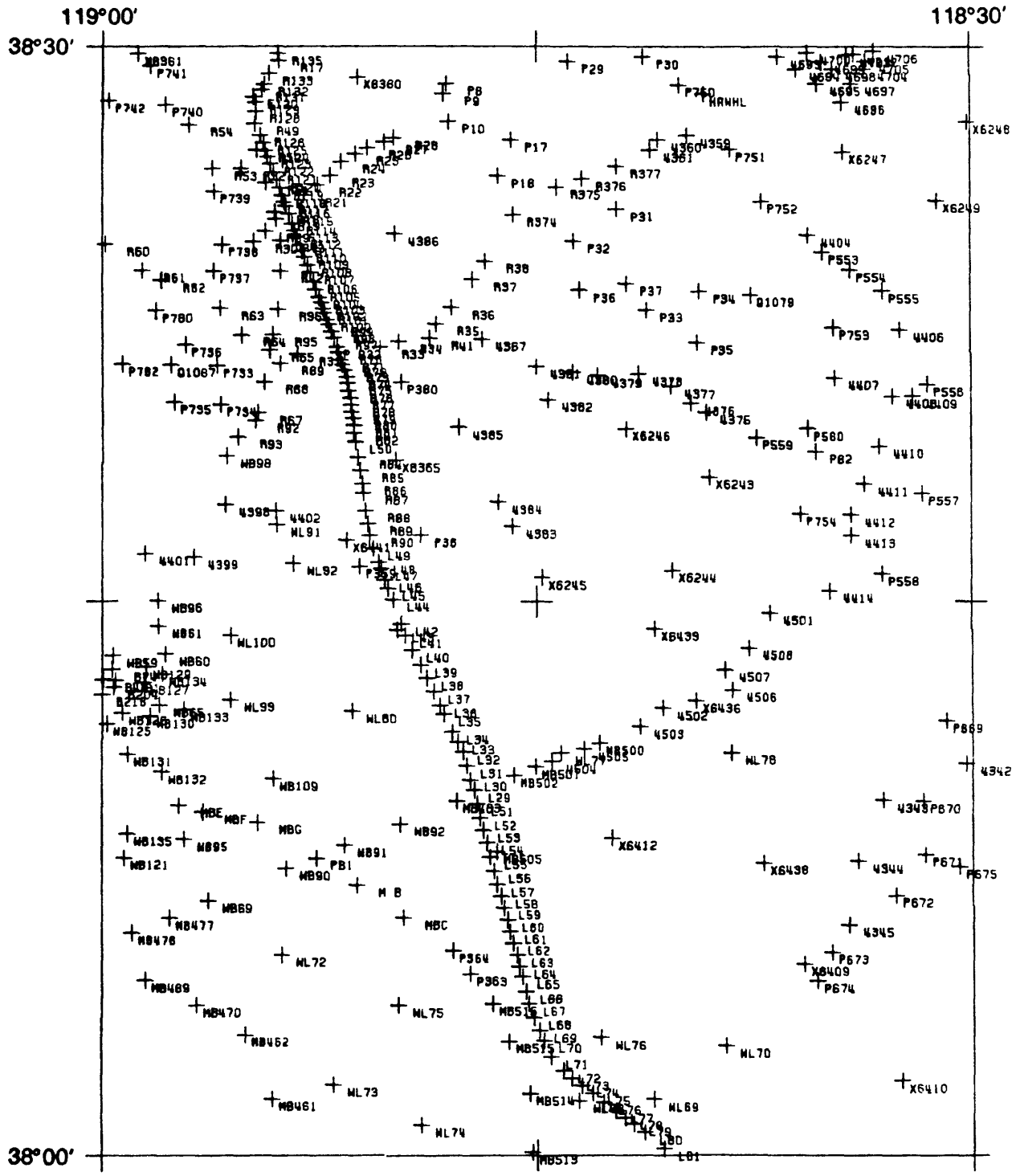

Figure 3g.--Station names.

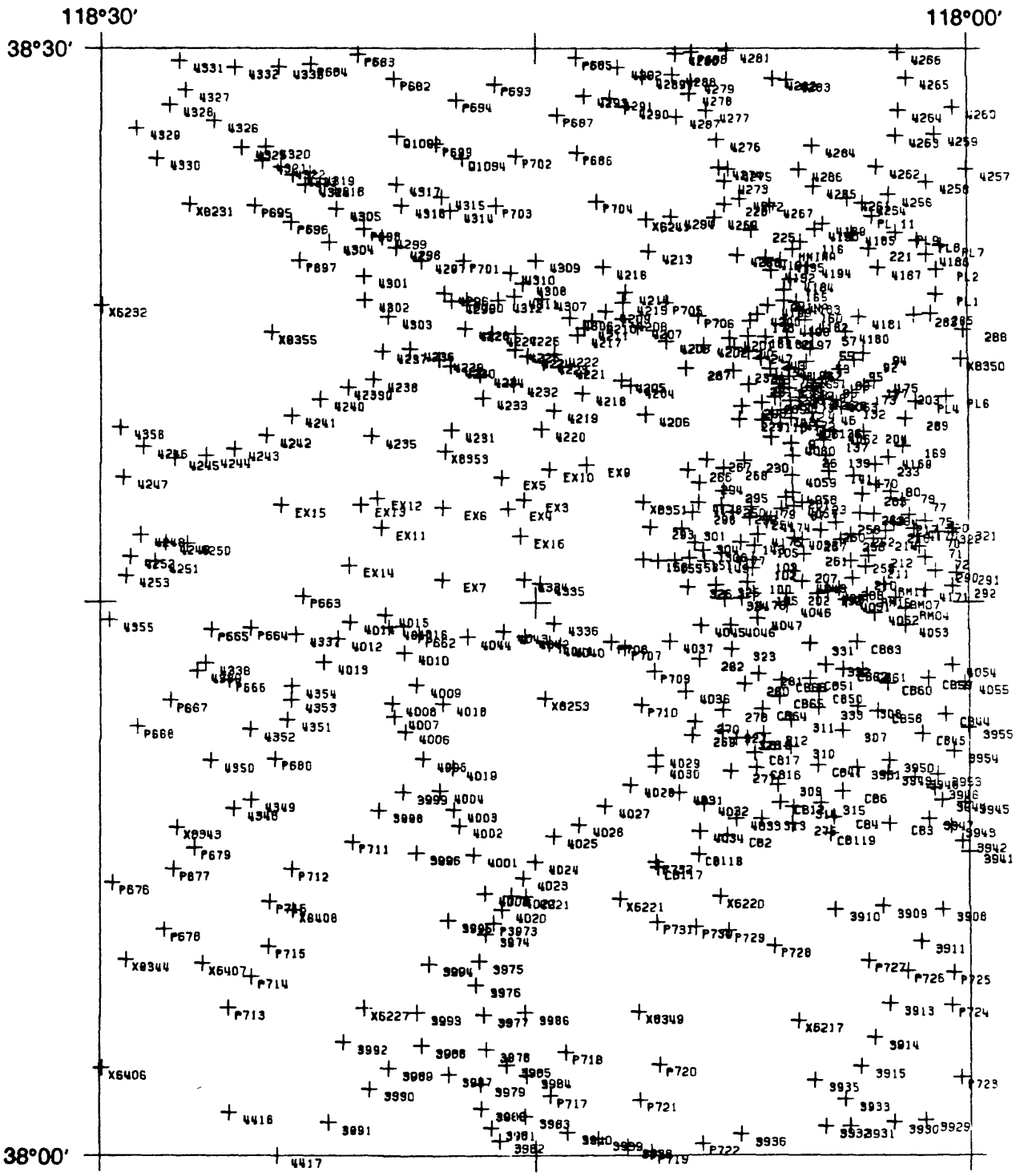

Figure 3h.--Station names.

Table 1.--Base station descriptions

The following list provides the latitude, longitude, observed gravity in milligals (IGSN 71), elevation in feet, and descriptions for base stations listed according to the name of the location. The number in parentheses after the base name indicates the total number of stations known to the author that have been tied to that base. Base station names that begin with the letters (CH) are part of the California Base Network (Chapman, 1966). The following abbreviations are used: BM, level line benchmark; USGS, U.S. Geological Survey; CGS, refers to benchmarks originally established by the U.S. Coast and Geodetic Survey; E, east; N, north; S, south; W, west; ft, feet; mi, miles; hwy, highway; jct, junction; cl, centerline; Healey base, base station described by Healey and others (1980); NVBM repeat, temporary base station established by multiple observations of the Nevada Bureau of Mines and Geology; no., station number; CA, California; NV, Nevada; DMA, Defense Mapping Agency.

Al Tahoe

CH98(103)	38°56.51'	119° 58.58'	6259.2 ft	979,499.83 mGal

N of and 0.4 ft below CGS BM J837, Reset 1957. 2 ft N of granite plaque. 40 ft E of CL of E lane of U.S. hwy 50. 14 ft S of prolongation of CL of Tallac Ave. to the W, which terminates here. Parking is to W across hwy 50 or possibly driving from S along strip to E of E hwy curb.

Alkali flat

W95	38°50.09'	118° 21.79'	4433 ft	979,616.67 mGal

Just E of USGS BM 124LDW. 100 ft W and 100 ft N of dirt road junction. About 6.1 mi N of Post Office in Luning, NV, along hwy to Gabbs; then about 25 mi NNW along dirt road to Rawhide. Healey and others (1980) base station, not reoccupied in present study.

Big Meadows

CH115(1)	38°24.97'	120° 6.72'	6536.1 ft	979,485.42 mGal

1 ft S of and 0.3 ft below CGS BM H271 (plate missing August 1979). 49 ft S of CA hwy 4. At Big Meadows Campground.

Bodie

WB53(178)	38°12.69'	119° 0.72'	8369 ft	979,278.12 mGal

Near USGS BM 8375. Iron post 3 ft from hydrant between two large wooden posts. In NW Vee of corner of Main and Green Streets in Bodie, CA. Temporary base station established by the California Division of Mines and Geology during the Bodie survey. This base was tied to CH103 in Bridgeport.

Bridgeport

CH103(231) 38°15.38' 119°13.69' 6467.6 ft 979,381.20 mGal

0.5 ft N of and 0.7 ft below USGS BM 6465. 2 ft S of the S face of a SW corner offset in the W wall of the Mono County Courthouse. Sometimes it is difficult to penetrate the sod to establish a solid base plate position. Also the lawn sprinkling system can be detrimental when turned on. DMA value is 0.19 to 0.25 mGal too low, because Chapman's (1966) value was assumed.

C103A(39) 38°15.38' 119°13.69' 6467 ft 979,381.23 mGal

Over intersection of joints in sidewalk. 5 ft E of E edge of street. 0.5 ft N of line with N edge of sidewalk that leads to unused W entrance of Bridgeport Courthouse.

C103B(28) 38°15.38' 119°13.69' 6468.3 ft 979,381.15 mGal

On USGS BM 6465 described for base CH103. Requires a special base plate with closely spaced legs.

Carson Pass

CH100 38°41.65' 119°59.27' 8574.2 ft 979,355.94 mGal

On base of Kit Carson granite monument, 0.1 ft beneath CGS BM N183. S of CA hwy 88, at summit of Kit Carson Pass. Station not reoccupied by author.

Coleville

MCL1F(44) 38°33.11' 119°30.18' 5185 ft 979,492.56 mGal

1 ft NE of and 0.2 ft below NE corner of N-S walkway between Meadowcliff Lodge unit numbers 6 and 7. About 0.1 mi W of U.S. hwy 395, 1.0 mi S of Coleville Post Office, CA. Location is on private property and has slower access than the base station at Topaz Fire Station.

Cutoff road

R32 38°21.87' 118°51.87' 6345.3 ft 979,414.07±0.04 mGal

1 ft N of and 0.3 ft below CGS BM H132. 185 ft W of transmission line crossing. N of gravel road between Hawthorne, NV, and NV hwy 22 to W. Reoccupation of repeat-station established by M. W. Reynolds and C. M. Gilbert (written commun., 1978).

Dardanelles

CH105(10)	38°20.44'	119°49.95'	5764.9 ft	979,469.85 mGal

On CGS BM K917. 12 ft NE of SW end of area between driveways. 85 ft N. 60° E. from Dardanelles, CA, Post Office-store. About 100 ft SW of CA hwy 108.

Ebbetts Pass

CH101(12)	38°32.65'	119°48.67'	8730.9 ft	979,308.34 mGal

1 ft SW of and 0.6 ft below CGS BM T194. 28 ft NW of CA hwy 4 CL. At the summit of Ebbetts Pass. The value at the equivalent IGSN 71 station, DOD 2112-1, of DMA is 0.20 to 0.31 mGal too low, because Chapman's (1966) value evidently was assumed to be correct rather than the improved value of Robbins and Oliver (1976, p. 17).

Gabbs

AGABB	38°52.20'	117°55.36'	4703 ft	979,600.58 mGal

1.5 ft NE of NE corner of Gabbs Post Office. 40 ft SW of and 1.5 ft below CGS BM Z381. Mark for DMA base station DOD 5284-1 was not found August 1980. Value agrees with DMA value within 0.05 mGal accuracy for two readings.

HGABB	38°49.21'	117°59.09'	4578.2 ft	979,595.72 mGal

1 ft S of and 0.7 ft below CGS BM N295. 22 ft S of dirt road CL. 4.6 mi SSW of the post office at Gabbs along NV hwy 23, and thence 1.1 mi WNW along dirt road.

Hawthorne

HAWTH(190)	38°32.60'	118°38.20'	4201.6 ft	979,585.40 mGal

On Navy Department BM W41. On 1 ft concrete post, 20 ft SE of SE corner of old gasoline storage building, 54 ft SE of SE corner of abandoned control tower. About 0.4 mi NW of 1979 airport control facilities. 0.3 mi E of U.S. hwy 95 and 1.6 mi NW along hwy 95 from the courthouse in Hawthorne, NV. DMA IGSN71 base station ACIC 2349-1 used as a primary base for the present survey. Value of gravity listed here was provided by the Geodetic Survey Squadron in Cheyenne, Wyoming (oral commun., 1980), has a stated accuracy of 0.02 mGal and is 0.03 mGal higher than that of Jablonski (1974).

PB 4(67)	38°31.47'	118°36.80'	4325 ft	979,573.28 mGal

S edge of U.S. hwy 95. 2 ft N of curb, at E end of curb. In line with L in fence to S. Slightly W of powerline. 8 ft W and 12 ft N of "MINA-LAS VEGAS" hwy sign. E edge of Hawthorne.

HAWHL 38°28.72' 118°39.22' 4962.0 ft 979,539.89 mGal

1 ft S of and 0.3 ft below CGS BM S132. 40 ft E of main fork in most traveled of a maze of dirt roads. 135 ft W of powerline. 0.6 mi S of S edge of trailer park, that is 3 mi S along NV hwy 31 from jct with U.S. hwy 95. Healey and others (1980) base no. 4358.

Highway 3 (NV)

R242(204) 38°50.27' 119° 8.63' 4555.6 ft 979,609.32 mGal

0.5 ft N of and 0.7 ft below broken concrete post without disc, assumed to be CGS BM 1-21-1 and common corner for sections 1, 2, 11, and 12, T. 11 N., R. 25 E. 1 ft N of E-W fence and 30 ft W of fence corner. 23 ft S of CL of dirt road that is S leg of triangle formed by right-angle bend in NV hwy 3 and road to S. 55 ft W of CL of road to S. 10.5 mi S on hwy 3 from Yerington. Reoccupation of repeat-station of M. W. Reynolds and C. M. Gilbert (written commun., 1978). NBMG repeat-station Y16 ("2-11-25").

R298(4) 38°50.71' 119° 6.46' 4570 ft 979,620.47±0.06 mGal

Near CGS BM R217. Used to supply value for NVBM repeat-station Y7 ("6-11-26").

Highway 10 (NV)

P3973 38° 6.30' 118°16.46' 5664.9 ft 979,452.45±0.04 mGal

1 ft S of and 0.5 ft below CGS BM 4S662-1 (NV hwy marker). 60 ft E of hwy CL. 165 ft SW of jct with road to NW. 6.8 mi N of jct with NV hwy 6. Location of Healey and others (1980) base no. 3973 was described as on top of BM.

Highway 31 (NV)

PB 2 38°19.06' 118°35.37' 6023.1 ft 979,430.69±0.04 mGal

On USGS BM VF7. In NE Vee of jct with Powell Canyon Road. Established in 1978.

PB2A 38°19.06' 118°35.37' 6023.0 ft 979,430.68±0.04 mGal

1 ft N of and 0.1 ft below BM VF7. Base plate could not be positioned on BM in 1980.

Highway 167 (CA)

PB 1(60) 38° 8.06' 118°52.60' 6777 ft 979,367.78±0.03 mGal

1 ft N of S edge of pavement. 4 ft N of 8-ft iron stake. SW of jct with road to S.

Holbrook Junction

VB 2(3) 38°43.66' 119°32.24' 5240.5 ft 979,539.16 mGal

0.5 ft W of and 0.5 ft below CGS BM Y119. 42 ft N of CL of abandoned portion of NV hwy 3, now called Granite Road. 0.3 mi W of jct with Pearl Road, which is 1.2 mi E of Holbrook Junction. Ground surface slope to S slightly interferes with positioning base plate.

Junction U.S. 395 and CA hwy 167

VB 7(1) 38° 2.72' 119° 9.56' 6889.7 979,356.68 mGal

On CGS BM W916. 90 ft S of hwy 167 CL. Between poles of double power pole in SE Vee of jct. Useful location, though not needed in present survey.

Lee Vining

CH223(5) 37°57.48' 119° 7.14' 6789.8 ft 979,348.08±0.04 mGal

Near N end of curb. Over a metal disc (with identifying numbers scraped off) assumed to be CGS BM S123 described by Chapman (1966). 20 ft W of entrance to Bell's (Chapman: Cecil's) Sporting Goods Store. 20 ft E of U.S. hwy 395 CL. Near center of Lee Vining.

Luning

VB 5(37) 38°30.75' 118°11.28' 4486.3 ft 979,568.30 mGal

On CGS BM K360. SW side of concrete drain headwall. 20 ft W of NV hwy 23 CL. 15 ft S of railroad tracks. 0.1 mi NE of jct of U.S. hwy 95 and hwy 23. About 0.9 mi NW of Luning, NV.

Markleeville

CH99(7) 38°41.63' 119°46.64' 5501.1 ft 979,509.22 mGal

On CGS BM H194. In the top of the W end of the NW wing wall of bridge over East Fork of Carson River. East of Markleeville.

CH99A(15) 38°41.63' 119°46.64' 5502.2 ft 979,509.44 mGal

N edge of hwy, s of Pedestrian Crossing sign. 75 ft W of CH99. Parking is closer than for CH99, and site is safer and less subject to road vibration.

Mina

AMINA(53) 38°23.17' 118° 6.36' 4579.2 ft 979,550.95 mGal

On CGS BM V359. 1.3 ft W and 5 ft N of SW fence corner of Highway Maintenance Yard. 74 ft E of U.S. hwy 95 CL. DMA base station no. DOD 5194-1.

HMINA(205) 38°24.56' 118° 6.08' 4579.8 ft 979,549.13 mGal

On CGS BM A360. 60 ft N of road CL. 1.2 mi N along U.S. hwy 95 from AMINA and thence 0.9 mi E along gravel road to dump. Healey and others (1980) base station 4159.

Minden

AMIND(244) 38°59.99' 119°45.29' 4702 ft 979,591.64 mGal

On USAF disc marking DMA base station ACIC 2358-1. Underlying slab is somewhat shaky. 4 ft W of S edge of door, in middle of W side of administrative building of Douglas County Airport. Below parking lot level. Near telephone and rest room. Value from Geodetic Survey Squadron, Cheyenne (oral commun., 1980) is 0.02 mGal higher than that of Jablonski (1974).

VB 1(105) 38°56.93' 119°45.49' 4730 ft 979,586.31 mGal

On NV Hwy Department disc "STA B51." On curb 30 ft SW of U.S. hwy 395 CL. 35 ft NNE from NE corner of Carson Valley Methodist Church. About 10 ft SE of gravel entrance drive to parking lot. About 0.6 mi NE of Douglas County High School in Gardnerville.

Nylene

NYLEN(160) 38°32.12' 118°55.77' 5369.1 ft 979,509.65±0.05 mGal

1 ft SE and 0.7 ft below CGS BM H212. 50 ft W of abandoned road. 155 ft W of present (1980) main N-S road. 0.08 mi N of present jct of road to SE from main road (or 0.07 mi E, then 0.10 mi NW along abandoned road, to avoid washout). Near abandoned site of Nylene. M. W. Reynolds and C. M. Gilbert (written commun., 1978) repeated station.

Pinecrest Campground

VD 1 38°11.47' 119°59.77' 5610 ft 979,516.70±0.06 mGal

On top of boulder 15 ft W of W edge of W of two roads that join at entrance fee station. 45 ft S of S edge of main road to E. 60 ft NW of fee station. Repeat of base station described by S. L. Robbins (written commun., 1971). Some difficulty in positioning and reading gravity meter on boulder. Observed gravity 0.15 mGal lower than reported value.

Schurz

SHURZ 38°57.91' 118°48.52' 4175.2 ft 979,639.71±0.05 mGal

0.5 ft N of and 0.3 ft below CGS BM G214. 60 ft W of U.S. hwy 95 CL. 0.1 mi S of jct of three dirt roads and 1.1 mi N of Schurz Post Office. Healey and others (1980) base no. 4528.

Sonora Junction

CH102(148) 38°21.06' 119°26.92' 6885 ft 979,367.03±0.04 mGal

N edge of paved driveway to Sonora Junction, CA Hwy Maintenance Station. 5 ft S of fence corner. 60 ft E of and about 1.5 ft below U.S. 395 CL. BM of Chapman (1966) not found in 1978. BM not found when used as base station by M. W. Reynolds and C. M. Gilbert (written commun., 1978) in 1972.

Sonora Pass

CH104 38°19.68' 119°38.17' 9642.8 979,220.60 mGal
On CGS BM X913. On top of 4 ft by 5 ft boulder. 115 ft SW of CA hwy 108 CL. Summit of Carson Pass.

Stateline

MB483 38° 9.61' 118°47.78' 7081.8 ft 979,350.71±0.05 mGal

1 ft N of USGS BM marked "7082.95." In SE road Vee. 20 ft W of 10-ft high stateline sign. Where CA hwy 167 and NV hwy 31 merge. Assumed location of base station for Mono Basin survey (Pakiser and others, 1964). The elevation of USGS-described reference mark, 7082.6 ft, agrees better with the original elevation of 7083 ft from Robbins and Oliver (1976, p. 17).

Topaz Fire Station

TOPZF(51) 38°38.60' 119°31.53' 5100 ft 979,523.82 mGal

On 1-ft wide cement slab at base of Topaz Fire Control Station signpost. Just S of E leg of sign. About 3 ft W of E end of slab. About 150 ft NW of jct of U.S. hwys 89 and 395.

Tuolumne Meadows

CH218 37°52.54' 119°21.30' 8591.1 ft 979,238.23 mGal

On CGS BM N592. On 2-ft high "granite" outcrop. 10 ft N of edge of pavement of CA hwy 120. Opposite side of hwy from road to S and information station. 13 ft E of campground sign. 275 ft SW of bridge over Tuolumne River. Assume value established by Robbins and others (1975) minus 14.60 mGal. IGSN 71 value listed by Jablonski (1974) is 0.16 to 0.21 mGal lower, because Chapman's (1966) value evidently was assumed to be correct.

Twain Harte

CH119(34) 38° 2.30' 120°13.81' 3637.6 ft 979,681.82±0.05 mGal

On CGS BM R907. Near E corner of fire station. W of Meadow Drive. To north of abandoned miniature golf course. Station is subject to vibration caused by nearby tree during windy periods.

C119A 38° 2.30' 120°13.81' 3638 ft 979,681.90±0.05 mGal

NW edge of pavement. 4 ft SE of powerpole. 43 ft SE of base station CH119. Alternate base if CH119 is subject to vibration during wind.

Wellington

VB 3(26) 38°45.11' 119°22.15' 4830.6 ft 979,564.40 mGal

On CGS BM D120. NE corner of 1-ft high concrete catchbasin headwall. 53 ft S of NV hwy 3 CL. 41 ft N of NV hwy 22 CL. W of truck weight scales area. In triangle of hwy jct.

Yerington

YERRI(38) 38°59.90' 119° 9.56' 4377 ft 979,645.41 mGal

On USAF disc near SW corner of concrete slab on N side of old control tower at Yerington Airport. To NE of gas pumps. Slab is somewhat shaky. DMA IGSN 71 base ACIC 2347-1 used as prime base for present survey. Value of gravity listed here was provided by the Geodetic Survey Squadron in Cheyenne, Wyoming (oral commun., 1980) has a stated accuracy of 0.02 mGal and is 0.03 mGal higher than that of Jablonski (1974).

PB 3(132) 38°59.16' 119° 9.74' 4384.3 ft 979,641.88 mGal

0.5 ft E of and 0.3 ft below USGS BM "4382 WAB," which is mounted vertically on S end of bottom step of main (E) entrance to Yerington Courthouse. Closely tied to base "YERRI."

P181(2) 38°55.25' 119°11.56' 4431.8 ft 979,625.36±0.06 mGal

On CGS BM L320. 30 ft from pole "CIT 320428." 53 ft W of hwy. Attempted reoccupation of NVBM repeat-station no. Y1 ("9-12-25").

P192(16) 38°56.39' 119° 5.84' 4485 ft 979,633.55±0.06 mGal

0.5 ft S of 5-ft high red and white pole. In SW road Vee. 1 ft E of fence. 12 ft E of N-S road CL and 47 ft S of E-W road CL. Attempted reoccupation of NVBM repeat-station Y152 ("32-13-26" or "5-12-26").

Y 48(9) 39° 8.30' 119°10.80' 4299 ft 979,674.5±0.2 mGal

NVBM repeat-station "28-15-25." Not reoccupied for present study. Either near USGS BM E11 at Wabuska railroad station or near a USGS BM 800 ft to the S (with the same elevation), which agrees with section no. 28 listed in the compilation notes (J. W. Erwin, written commun., 1978). Neither point is shown on Erwin's (1970) gravity map.

Y 77(15) 39° 5.95' 119°10.80' 4323 ft 979,657.01±0.05 mGal

0.5 ft N of wood post marked "USBM." 45 ft E of U.S. hwy 95A CL. 30 ft S of CL of E-W road. 2 mi N of Campbell lane. No BM disc found. Assumed vicinity of NVBM repeat-station "10-14-25" or "3-14-25" or "10-25-14."

Y 36(5) 38°57.28' 119° 9.78' 4406 ft 979,628.3±0.2 mGal

NV Bureau of Mines repeat-station "27-25-13" or "27-13-25" or "25-13-25." Not reoccupied for present study. Near common corner of sections 26-27-34-35, T. 13 N., R. 25 E. Spot elevation at road jct.

Y 37(6) 38°58.57' 119° 9.72' 4388 ft 979,637.5±0.2 mGal

NVBM repeat-station "22-25-13" or "22-13-25" or "23-13-25." Not reoccupied for present study. Near edge of sections 22 and 23, T. 13 N., R. 25 E., CGS BM L-19-A(NGS).

Y 66(1) 38°58.86' 119°11.07' 4396 ft 979,642.3±0.1 mGal
NVBM repeat-station "21-13-25." Not reoccupied for present study. NE part of sec. 21, T. 13 N., R. 25 E. CGS BM L-9-A(NGS). Not found by author in 1978.

Y 71(16) 39° 1.59' 119°10.81' 4368 ft 979,642.3±0.1 mGal

NVBM repeat-station "33-14-25" or "3-13-25." Not reoccupied for present study. Near common corner of secs. 33-34, T. 14 N., R. 25 E. and secs. 3-4, T. 13 N., R. 25 E., CGS BM L7. Map elevation is 4368 ft, but BM list indicates 4359.3 ft. Distance from Yerington Courthouse is 1 mi too far on list, but elevation and sequence nearby BM's are consistent with this location.

Table 2.--Location description code (digit one)

[The number indicates the total number of gravity stations for which the code was used in the accompanying tables.]

Code	Number	Explanation
B	87	On level-line bench mark or other permanent marks incorporated into U.S. Geological Survey vertical control system, including U.S. Coast and Geodetic Survey bench marks.
N	573	Near level-line bench marks described above (B-category).
V	10	On vertical angle bench mark in U.S. Geological Survey control system.
H	57	Near vertical angle bench mark.
M	1	On level line bench mark established by other groups or agencies.
E	71	Near bench marks of other groups (M-category).
D	57	Near assumed location of any of the above marks that was not found or destroyed.
P	384	Near surveyed elevation with or without permanent mark.
X	106	Near well-defined marks such as wells, windmills, microwave towers, or section corner pipes.
F	319	Near a location with or without a marker, at which a surveyed elevation is indicated on a published topographic map.
G	803	Near a location (on a manuscript or published map) at which spot elevation is determined by photogrammetry; near a doubtful F-location.
T	27	Elevation based on photogrammetry determined by U.S. Geological Survey but not on published maps.
K	61	Spot elevation based on photogrammetry determined by other organizations.
R	23	Near spillway or stream gaging station or water level; usually tied to a surveyed elevation.
W	36	Edge of lake, canal, or reservoir; interpolated elevation or elevation given for water or dam at unknown height relative to present level.
Q	109	Elevation determined by interpolation of topographic contours that intersect intermittent drainage or stream or river channels.
C	585	Elevation determined by topographic contour interpolation.
A	127	Elevation determined by using altimetry.
2	79	Locations along fairly regularly spaced profile of stations, but elevation origin is unknown.
3	5	Locations near roads or section lines, but elevation origin is unknown.
U	27	Location unchecked or location not near roads or other landmarks, and elevation source is uncertain.

Table 3.--Accuracy of elevations (digit two)

[The number after the numerical code indicates the total number of stations for which the code was used in tables of this report. The error of the Bouguer gravity anomaly is 0.06 mGal/ft. Note that the uncertainty of horizontal location tends to decrease the elevation accuracy.]

Code	Number	Accuracy (feet)	Bouguer anomaly (mGal)	Examples
1	208	0.2	0.01	On or tied to level-line bench mark by surveying.
2	92	0.5	0.03	Elevation difference hand-leveled to nearby bench mark.
3	524	1.0	0.06	Near bench mark.
4	531	2.0	0.12	On or near vertical angle bench mark; flat area near level-line bench mark that was not found.
5	579	5.0	0.3	Near surveyed spot elevation on U.S. Geological Survey topographic map; elevations from map with 10-ft contour interval.
6	798	10.0	0.6	Photogrammetric elevation on map with 20-ft contour interval; altimetric elevations with excellent control.
7	585	20.0	1.2	Uncertain location of spot elevation point.
8	210	50.0	3.0	Contour interpolation along roads or streams on map with 80-ft contour interval; altimetric elevation with poor control.
9	20	100.0	6.0	Contour interpolation on map with 80-ft contour interval at location not near road or stream drainage.

Table 4.--Accuracy of horizontal location (digit three)

[The number after the numerical code indicates the total number of stations for which the code was used in tables of this report. The error of the Bouguer gravity anomaly is based on the assumption that all of the location error is along a north-south component of direction.]

Code	Number	Accuracy (feet)	Bouguer anomaly (m Gal)	Examples
2	666	84	0.02	Near permanent mark on map such as bench marks, section corners, or wells.
3	1,376	210	0.05	Road intersections or stream junctions.
4	892	420	0.1	Broad road curve or gentle hillcrest.
5	577	840	0.2	Location depends on odometer measurement over an interval greater than 1 mile or other estimate.
6	24	2,100	0.5	Estimated location approximately agrees with elevation but is located 0.5 mile from a likely landmark.
7	6	4,200	1.0	Uncertainty of where station is located in a section.
8	5	8,400	2.0	Plotted location displaced by 1 mile from other station numbers in a sequence.
9	1	over 8,400	5.0	The more likely of two possible locations 2 miles apart.

Table 5.--Accuracy of observed gravity (digit four)

[The number after the numerical code indicates the total number of stations for which the code was used in tables of this report. Accuracies are relative to the base station to which the station was tied.]

Code	Number	Accuracy (mGal)	Examples
1	20	0.01	Base station relative to itself.
2	26	0.02	Station established with multiple ties of high precision.
3	335	0.05	Repeated readings.
4	1,540	0.1	Non-repeated reading with Lacoste and Romberg gravity meter.
5	518	0.2	Non-repeated reading with Worden gravity meter with fairly good drift characteristics.
6	278	0.5	Reading taken near time of high drift.
7	83	1.0	Single reading of Worden gravity meter with poor drift characteristics.
8	5	2.0	Two observations 4 mGal apart recorded for a station.
9	1	5.0	Stations at same location that are 5 mGal apart, but the accepted station is from U.S. Geological Survey.
None	741		Unknown.

Table 6--Recent data of the U.S. Geological Survey.

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAPCH99A	38	41.63	119	46.64	5502.2	979509.44	-26.4	0.5f	5.0	-210.5	-32.3	N331	8 979	CH99A	CA
MAPCH101	38	32.65	119	48.67	8730.9	979308.34	89.1	0.5f	5.6	-204.4	-27.1	N133	81079	CH101	CA
MAPC103A	38	15.38	119	13.69	6467.0	979381.23	-25.4	0.0f	2.6	-244.9	-45.0	N431	82580	C103A	CA
MAPCH105	38	20.44	119	49.95	5764.8	979469.85	-10.1	0.9f	12.3	-195.9	-20.0	B121	72179	CH105	CA
MAPPB 1	38	8.06	118	52.60	6777.0	979367.78	1.0	0.0f	1.1	-230.5	-30.1	F531	82180	PB 1	CA
MAPPB 2	38	19.06	118	35.37	6023.1	979430.69	-23.0	0.0f	2.2	-227.7	-36.4	B122	71478	PB 2	NV
MAPPB 3	38	59.16	119	9.74	4384.3	979641.88	-24.8	0.0f	0.4	-175.3	-7.9	N121	72479	PB 3	NV
MAPPB 4	38	31.47	118	36.80	4325.0	979573.28	-58.3	0.0f	1.9	-205.2	-21.1	F531	82180	PB 4	NV
MAPVB 1	38	56.93	119	45.49	4730.0	979586.31	-44.6	0.0f	1.8	-205.5	-33.2	E231	82780	VB 1	NV
MAPVB 2	38	43.66	119	32.24	5240.5	979539.16	-24.2	0.2f	3.9	-200.5	-20.1	N221	8 479	VB 2	NV
MAPVB 3	38	45.11	119	22.15	4830.6	979564.40	-39.7	0.2f	2.5	-203.3	-23.8	B121	82580	VB 3	NV
MAPVB 5	38	30.75	118	11.28	4486.3	979568.30	-47.0	0.0f	1.6	-199.7	-17.5	B121	81680	VB 5	NV
MAPVB 7	38	2.72	119	9.56	6889.7	979356.68	8.4	0.0f	5.6	-222.6	-20.0	B121	82180	VB 7	CA
MAPAMINA	38	23.17	118	6.36	4579.2	979550.95	-44.5	0.0f	1.5	-200.5	-16.4	N221	81980	AMINA	NV
MAPHMINA	38	24.56	118	6.08	4579.8	979549.13	-48.3	0.0f	1.4	-204.4	-20.6	N121	8 880	HMINA	NV
MAPAMIND	38	59.99	119	45.29	4702.0	979591.64	-46.4	0.0f	1.5	-206.6	-35.4	F541	82780	AMIND	NV
MAPHAWTH	38	32.60	118	38.20	4201.6	979585.40	-59.4	0.0f	2.4	-201.6	-17.9	E431	81380	HAWTH	NV
MAPMCLIF	38	33.11	119	30.18	5185.0	979492.56	-60.5	1.9f	8.1	-230.8	-42.5	C841	81079	MCLIF	CA
MAPPR242	38	50.27	119	8.63	4555.6	979609.32	-28.2	0.0f	0.6	-184.3	-10.5	D331	82580	PR242	NV
MAPTOPZF	38	38.60	119	31.53	5100.0	979523.82	-45.3	0.6f	4.4	-216.3	-32.1	C841	82280	TOPZF	CA
MAPYERRI	38	59.90	119	9.56	4377.0	979645.41	-23.1	0.0f	0.3	-173.4	-6.4	F541	82878	YERRI	NV
MAPHAWHL	38	28.72	118	39.22	4962.0	979539.89	-27.7	0.1f	3.9	-194.5	-7.9	N122	71478	HAWTH	NV
MAPSHURZ	38	57.91	118	48.52	4175.2	979639.71	-44.8	0.0f	0.8	-187.7	-21.6	N222	52378	YERRI	NV
MAPPY 77	39	5.95	119	10.80	4323.0	979657.01	-25.5	0.0f	0.2	-174.0	-10.3	D434	52378	YERRI	NV
MAPPR 32	38	21.87	118	51.87	6345.3	979414.07	-13.5	0.0f	1.6	-229.8	-35.6	N223	82080	PB 4	NV
MAPP3973	38	6.30	118	16.46	5664.9	979452.45	-16.2	0.0f	1.2	-209.7	-19.7	H321	81980	AMINA	NV
MAPAGABB	38	52.20	117	55.36	4703.0	979600.58	-25.9	0.1f	1.7	-186.0	-4.7	D623	81380	VB 5	NV
MAPHGABB	38	49.21	117	59.09	4578.2	979595.72	-38.1	0.0f	0.6	-195.0	-15.1	H222	81380	VB 5	NV
MAPMB483	38	9.61	118	47.78	7083.0	979350.71	10.5	0.0f	1.1	-231.5	-32.8	N123	82180	PB 1	CN
MAPNYLEN	38	32.12	118	55.77	5369.1	979509.65	-24.7	0.2f	2.8	-206.4	-18.6	N123	82580	C103A	NV
MAPVD 1	38	11.47	119	59.77	5610.0	979516.70	35.3	0.1f	4.3	-153.2	-0.5	C734	101080	CH119	CA
MAPVB 4	38	45.74	118	45.33	4070.9	979633.20	-43.2	0.6f	5.2	-178.1	-3.4	B123	52378	HAWTH	NV
MAPVB 6	38	15.29	118	4.90	4423.0	979537.05	-61.5	0.0f	1.5	-212.2	-27.2	B124	52378	HAWTH	NV
MAPVB 8	38	27.65	119	10.16	6216.0	979438.98	-9.2	0.3f	3.6	-219.1	-25.9	N324	52478	CH103	NV
MAPVB 9	38	34.94	119	12.82	6256.1	979454.69	-0.4	0.4f	3.4	-211.9	-24.5	N222	82380	PR242	NV
MAPVB10	39	0.61	119	10.89	4404.7	979647.60	-19.3	0.0f	0.4	-170.5	-3.7	N223	52478	YERRI	NV
MAPHWAIR	38	32.30	118	37.80	4240.0	979581.99	-58.7	0.0f	2.2	-202.4	-18.7	C652	72078	HAWTH	NV
MAPMOTEL	38	31.50	118	37.20	4325.0	979574.39	-57.2	0.0f	2.1	-204.0	-19.8	C652	71178	HAWTH	NV
MAPP W5	38	33.03	118	25.67	4521.4	979585.48	-29.9	0.0f	1.4	-184.0	-2.6	B123	8 680	PB 4	NV
MAPV 1	38	58.26	119	47.91	4688.2	979578.03	-58.8	0.2f	2.8	-217.2	-45.7	B124	52578	VB 1	NV
MAPV 2	38	58.27	119	49.02	4678.4	979580.42	-57.3	0.1f	3.9	-214.4	-43.1	B124	52578	VB 1	NV
MAPV 3	38	58.77	119	50.00	4693.7	979587.56	-49.5	1.7f	8.3	-202.6	-31.6	B124	52578	VB 1	NV
MAPV 4	38	59.80	119	48.10	4673.4	979586.11	-54.4	0.1f	2.8	-212.3	-41.3	B124	52578	VB 1	NV
MAPPV 5	38	58.55	119	44.47	4743.0	979592.11	-40.0	0.0f	1.4	-201.7	-30.0	B123	82680	VB 1	NV
MAPPV 6	38	58.57	119	43.37	4795.0	979587.69	-39.5	0.0f	1.3	-203.1	-31.4	F533	82680	VB 1	NV
MAPV 7	38	56.92	119	43.34	4790.0	979588.85	-36.4	0.0f	1.4	-199.8	-27.2	X424	52578	VB 1	NV
MAPV 8	38	56.38	119	43.92	4778.0	979588.04	-37.6	0.0f	1.5	-200.4	-27.7	F534	52578	VB 1	NV
MAPV 9	38	55.96	119	46.70	4717.8	979578.34	-52.3	0.0f	2.3	-212.2	-39.7	N224	52578	VB 1	NV
MAPV 10	38	55.93	119	48.07	4700.0	979578.24	-54.0	0.0f	3.2	-212.5	-40.2	F534	52578	VB 1	NV
MAPV 11	38	55.91	119	50.35	4796.5	979574.15	-49.0	0.1f	7.6	-206.4	-34.6	N224	52578	VB 1	NV
MAPV 12	38	57.48	119	50.30	4740.8	979581.71	-49.0	1.1f	8.0	-204.0	-32.7	N224	52578	VB 1	NV
MAPV 13	38	54.69	119	49.84	4805.3	979569.12	-51.4	0.1f	7.3	-209.4	-37.0	N223	52578	VB 1	NV
MAPV 14	38	54.63	119	46.70	4720.0	979576.19	-52.3	0.0f	2.7	-211.9	-38.9	N224	52578	VB 1	NV
MAPV 15	38	54.20	119	46.70	4729.0	979574.89	-52.1	0.0f	2.8	-211.9	-38.7	N224	52578	VB 1	NV
MAPV 16	38	53.91	119	45.80	4761.0	979579.21	-44.3	0.0f	2.4	-205.7	-32.2	F534	52578	VB 1	NV
MAPV 17	38	54.10	119	45.10	4801.0	979582.12	-37.9	0.0f	2.0	-201.0	-27.6	F534	52578	VB 1	NV
MAPV 18	38	54.36	119	44.47	4823.0	979584.73	-33.7	0.0f	1.8	-197.7	-24.3	F534	52578	VB 1	NV
MAPV 19	38	54.28	119	43.37	4866.0	979581.65	-32.6	0.0f	1.6	-198.3	-24.7	F534	52578	VB 1	NV
MAPV 20	38	54.41	119	42.38	4840.7	979582.71	-34.1	0.0f	1.6	-199.0	-25.3	N224	52578	VB 1	NV
MAPV 21	38	54.09	119	42.18	4852.9	979581.89	-33.3	0.0f	1.6	-198.6	-24.7	N223	52578	VB 1	NV

Table 6--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAPV 22	38	54.63	119	48.83	4707.0	979576.50	-53.2	0.0f	5.0	-210.1	-37.4	F534	52578	VB 1	NV
MAPV 23	38	53.16	119	49.03	4776.2	979567.50	-53.5	0.1f	8.4	-209.4	-36.3	B124	52578	VB 1	NV
MAPV 24	38	52.29	119	48.60	4809.6	979563.33	-53.3	0.1f	8.8	-210.0	-36.5	B124	52578	VB 1	NV
MAPV 25	38	52.00	119	45.30	4824.0	979579.88	-34.9	0.0f	2.7	-198.2	-23.8	F534	52578	VB 1	NV
MAPV 26	38	52.02	119	46.69	4782.0	979573.62	-45.2	0.0f	3.8	-205.9	-31.8	F534	52578	VB 1	NV
MAPLA-1	38	51.19	118	59.91	5142.0	979567.79	-15.9	0.0f	0.7	-192.1	-20.2	P343	72479	PR242	NV
MAPLA-2	38	55.35	119	1.51	4877.0	979599.17	-15.6	0.0f	0.5	-182.8	-14.1	P343	72479	PB 3	NV
MAPLA-3	38	54.96	119	1.37	4885.0	979596.16	-17.3	0.1f	0.5	-184.8	-15.6	P344	72479	PB 3	NV
MAPLA-4	38	54.56	119	1.21	4935.0	979589.23	-18.9	0.0f	0.5	-188.1	-18.8	P344	72479	PB 3	NV
MAPLA-5	38	54.29	119	1.11	4849.0	979591.75	-24.1	0.1f	0.5	-190.3	-20.7	P344	72479	PB 3	NV
MAPLA-6	38	53.84	119	0.91	4874.0	979589.19	-23.6	0.0f	0.5	-190.8	-20.8	P344	72479	PB 3	NV
MAPLA-7	38	53.46	119	0.79	4907.0	979585.90	-23.3	0.0f	0.5	-191.5	-21.3	P344	72479	PB 3	NV
MAPLA-8	38	53.08	119	0.64	4967.0	979582.05	-20.9	0.0f	0.5	-191.2	-20.8	P344	72479	PB 3	NV
MAPLA-9	38	52.65	119	0.49	4951.0	979582.33	-21.5	0.0f	0.5	-191.3	-20.5	P344	72479	PB 3	NV
MAPLA10	38	52.28	119	0.34	4979.0	979581.20	-19.5	0.0f	0.5	-190.1	-19.2	P344	72479	PB 3	NV
MAPLA11	38	51.91	119	0.19	5024.0	979577.82	-18.1	0.0f	0.6	-190.3	-18.9	P344	72479	PB 3	NV
MAPLA12	38	51.55	119	0.08	5096.0	979572.10	-16.5	0.0f	0.6	-191.1	-19.5	P344	72479	PB 3	NV
MAPLA13	38	55.76	119	1.65	4878.0	979602.34	-12.9	0.1f	0.6	-180.1	-11.6	P344	72479	PB 3	NV
MAPLA14	38	56.15	119	1.81	4925.0	979601.63	-9.8	0.1f	0.6	-178.6	-10.3	P344	72479	PB 3	NV
MAPLA15	38	56.49	119	1.95	4978.0	979598.80	-8.2	0.2f	0.7	-178.6	-10.6	P343	72479	PB 3	NV
MAPLA16	38	56.77	119	2.02	4914.0	979601.35	-12.0	0.2f	0.7	-180.4	-12.5	P344	72479	PB 3	NV
MAPLA17	38	57.12	119	2.17	4872.0	979605.00	-12.9	0.1f	0.6	-179.8	-12.1	P344	72479	PB 3	NV
MAPLA18	38	57.49	119	2.31	4897.0	979604.89	-11.1	0.1f	0.6	-178.9	-11.5	P344	72479	PB 3	NV
MAPLA19	38	57.79	119	2.41	4878.0	979607.14	-11.1	0.1f	0.6	-178.3	-11.1	P344	72479	PB 3	NV
MAPLA20	38	58.19	119	2.53	4904.0	979610.37	-6.1	0.3f	0.8	-174.0	-7.1	P344	72479	PB 3	NV
MAPLA21	38	58.62	119	2.69	4942.0	979608.22	-5.3	0.3f	0.8	-174.4	-7.9	P344	72479	PB 3	NV
MAPLA22	38	58.95	119	2.80	4849.0	979615.95	-6.8	0.1f	0.5	-173.0	-6.7	P344	72479	PB 3	NV
MAPLA23	38	59.20	119	2.89	4869.0	979615.54	-5.7	0.1f	0.6	-172.5	-6.3	P344	72479	PB 3	NV
MAPLA24	38	59.53	119	2.86	4826.0	979618.35	-7.4	0.2f	0.7	-172.7	-6.6	P344	72479	PB 3	NV
MAPLA25	38	59.88	119	2.68	4696.0	979625.99	-12.5	0.2f	0.7	-173.3	-7.5	P344	72479	PB 3	NV
MAPLA26	39	0.29	119	2.51	4617.0	979628.79	-17.7	0.1f	0.5	-176.0	-10.5	P344	72479	PB 3	NV
MAPLA27	39	0.66	119	2.29	4557.0	979632.29	-20.4	0.1f	0.5	-176.6	-11.3	P344	72479	PB 3	NV
MAPLA28	39	1.02	119	2.11	4482.0	979635.79	-24.5	0.0f	0.6	-178.1	-13.0	P344	72479	PB 3	NV
MAPLA29	38	9.89	118	47.18	7086.0	979350.23	9.9	0.0f	1.1	-232.3	-33.7	P344	72579	PB 1	NV
MAPLA30	38	10.20	118	47.30	7068.0	979352.20	9.7	0.1f	1.1	-231.8	-33.4	P344	72579	PB 1	NV
MAPLA31	38	10.55	118	47.42	6991.0	979357.82	7.6	0.0f	1.1	-231.3	-33.0	P344	72579	PB 1	NV
MAPLA32	38	10.92	118	47.54	6946.0	979361.45	6.4	0.0f	1.1	-230.9	-32.7	P344	72579	PB 1	NV
MAPLA33	38	11.19	118	47.73	6952.0	979360.74	5.9	0.0f	1.1	-231.6	-33.4	P344	72579	PB 1	NV
MAPLA34	38	11.48	118	47.91	6926.0	979362.12	4.4	0.2f	1.3	-232.0	-33.8	P344	72579	PB 1	NV
MAPLA35	38	11.95	118	48.20	6923.0	979361.53	2.8	0.3f	1.5	-233.3	-35.2	P344	72579	PB 1	NV
MAPLA36	38	12.18	118	48.33	6873.0	979363.98	0.2	0.0f	1.3	-234.4	-36.3	P344	72579	PB 1	NV
MAPLA37	38	12.56	118	48.56	6882.0	979363.20	-0.3	0.0f	1.4	-235.1	-37.2	P344	72579	PB 1	NV
MAPLA38	38	12.92	118	48.80	6873.0	979363.48	-1.3	0.0f	1.5	-235.8	-38.0	P344	72579	PB 1	NV
MAPLA39	38	13.27	118	49.01	6888.0	979362.83	-1.1	0.0f	1.6	-236.0	-38.3	P344	72579	PB 1	NV
MAPLA40	38	13.67	118	49.28	6932.0	979362.32	1.9	0.1f	1.9	-234.1	-36.5	P344	72579	PB 1	NV
MAPLA41	38	14.07	118	49.52	7119.0	979352.92	9.5	0.2f	2.2	-232.6	-35.2	P344	72579	PB 1	NV
MAPLA42	38	14.38	118	49.66	7276.0	979343.88	14.8	0.4f	2.6	-232.3	-35.1	P344	72579	PB 1	NV
MAPLA43	38	14.21	118	49.80	7482.0	979332.63	23.1	0.3f	2.6	-230.9	-33.7	P344	72579	PB 1	NV
MAPLA44	38	15.05	118	49.96	7669.0	979323.75	30.6	0.8f	3.3	-229.2	-32.4	P344	72579	PB 1	NV
MAPLA45	38	15.35	118	50.11	7952.0	979306.85	39.8	0.7f	3.6	-229.3	-32.6	P344	72579	PB 1	NV
MAPLA46	38	15.58	118	50.23	8050.0	979302.58	44.4	0.4f	3.3	-228.3	-31.8	P344	72579	PB 1	NV
MAPLA47	38	15.88	118	50.37	8245.0	979289.43	49.2	0.2f	3.4	-230.0	-33.7	P344	72579	C103A	NV
MAPLA48	38	16.05	118	50.45	8276.0	979288.92	51.3	0.1f	3.4	-229.0	-32.8	P344	72579	C103A	NV
MAPLA49	38	16.43	118	50.62	8387.0	979277.95	50.2	0.4f	4.1	-233.2	-37.2	P343	72579	C103A	NV
MAPLA50	38	19.32	118	51.25	6995.0	979369.92	7.2	0.8f	3.0	-230.0	-34.7	P344	72579	C103A	NV
MAPLA51	38	9.53	118	47.06	7073.0	979350.09	9.0	0.0f	1.1	-232.7	-34.0	P344	72679	PB 1	NV
MAPLA52	38	9.14	118	46.96	7003.0	979354.11	7.0	0.1f	1.1	-232.3	-33.5	P344	72679	PB 1	NV
MAPLA53	38	8.82	118	46.84	7063.0	979349.90	8.9	0.0f	1.1	-232.4	-33.6	P344	72679	PB 1	CA
MAPLA54	38	8.47	118	46.72	7049.0	979349.93	8.1	0.0f	1.1	-232.7	-33.8	P344	72679	PB 1	CA
MAPLA55	38	8.08	118	46.60	7029.0	979353.54	10.5	0.0f	1.1	-229.7	-30.7	P344	72679	PB 1	CA

Table 6--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAPLA56	38	7.71	118	46.48	7021.0	979355.27	12.0	0.0f	1.2	-227.9	-28.8	P344	72679	PB 1	CA
MAPLA57	38	7.33	118	46.36	7055.0	979354.18	14.6	0.0f	1.2	-226.3	-27.2	P344	72679	PB 1	CA
MAPLA58	38	7.00	118	46.24	7078.0	979351.85	15.0	0.1f	1.2	-226.7	-27.5	P344	72679	PB 1	CA
MAPLA59	38	6.71	118	46.14	7164.0	979345.80	17.4	0.1f	1.3	-227.1	-27.8	P344	72679	PB 1	CA
MAPLA60	38	6.39	118	46.01	7122.0	979347.30	15.4	0.0f	1.2	-227.8	-28.4	P344	72679	PB 1	CA
MAPLA61	38	6.07	118	45.91	7114.0	979347.78	15.6	0.0f	1.2	-227.3	-27.9	P344	72679	PB 1	CA
MAPLA62	38	5.76	118	45.82	7138.0	979347.63	18.2	0.0f	1.3	-225.5	-26.0	P344	72679	PB 1	CA
MAPLA63	38	5.43	118	45.69	7227.0	979342.44	21.8	0.0f	1.3	-224.8	-25.3	P344	72679	PB 1	CA
MAPLA64	38	5.13	118	45.60	7237.0	979341.67	22.5	0.1f	1.4	-224.5	-24.9	P344	72679	PB 1	CA
MAPLA65	38	4.85	118	45.50	7082.0	979350.32	16.9	0.2f	1.5	-224.7	-25.0	P344	72679	PB 1	CA
MAPLA66	38	4.46	118	45.39	7073.0	979347.63	14.0	0.1f	1.3	-227.5	-27.7	P343	72679	PB 1	CA
MAPLA67	38	4.11	118	45.29	7221.0	979339.22	20.0	0.3f	1.6	-226.2	-26.5	P344	72679	PB 1	CA
MAPLA68	38	3.74	118	45.09	7213.0	979338.51	19.1	0.1f	1.3	-227.1	-27.3	P344	72679	PB 1	CA
MAPLA69	38	3.38	118	44.90	7247.0	979333.03	17.3	0.1f	1.3	-230.1	-30.2	P344	72679	PB 1	CA
MAPLA70	38	3.11	118	44.75	7304.0	979326.68	16.7	0.1f	1.3	-232.6	-32.7	P344	72679	PB 1	CA
MAPLA71	38	2.68	118	44.52	7276.0	979330.66	18.7	0.1f	1.3	-229.7	-29.7	P344	72679	PB 1	CA
MAPLA72	38	2.29	118	44.09	7253.0	979333.85	20.3	0.1f	1.3	-227.3	-27.3	P344	72679	PB 1	CA
MAPLA73	38	2.09	118	43.79	7294.0	979330.90	21.5	0.2f	1.4	-227.4	-27.5	P344	72679	PB 1	CA
MAPLA74	38	1.90	118	43.46	7224.0	979335.36	19.6	0.1f	1.3	-227.0	-27.1	P344	72679	PB 1	CA
MAPLA75	38	1.68	118	43.08	7299.0	979330.17	21.8	0.3f	1.5	-227.2	-27.4	P344	72679	PB 1	CA
MAPLA76	38	1.43	118	42.71	7192.0	979338.27	20.2	0.2f	1.3	-225.3	-25.4	P344	72679	PB 1	CA
MAPLA77	38	1.20	118	42.28	7183.0	979338.42	19.9	0.2f	1.4	-225.2	-25.4	P344	72679	PB 1	CA
MAPLA78	38	1.01	118	41.97	7063.0	979344.87	15.3	0.1f	1.2	-225.9	-26.0	P344	72679	PB 1	CA
MAPLA79	38	0.84	118	41.67	7017.0	979345.69	12.1	0.1f	1.3	-227.5	-27.6	P343	72679	PB 1	CA
MAPLA80	38	0.62	118	41.30	7144.0	979336.40	15.0	0.3f	1.4	-228.7	-29.0	P344	72679	PB 1	CA
MAPLA81	38	0.18	118	40.66	7218.0	979329.62	15.9	1.4f	2.8	-229.1	-29.4	P344	72679	PB 1	CA
MAPLA82	37	59.93	118	40.30	7305.0	979325.50	20.3	0.3f	2.0	-228.4	-28.8	P344	72679	PB 1	CA
MAPLA83	37	59.74	118	40.02	7283.0	979326.66	19.6	0.3f	2.0	-228.2	-28.7	P344	72679	PB 1	CA
MAPLA84	37	59.55	118	39.78	7438.0	979314.19	22.0	0.7f	3.2	-229.9	-30.4	P344	72679	PB 1	CA
MAPLA85	37	59.49	118	39.29	7437.0	979313.71	21.5	1.7f	4.4	-229.2	-29.8	P344	72679	PB 1	CA
MAPP 1	38	38.68	118	45.23	4097.0	979610.36	-53.2	0.4f	8.3	-185.9	-5.6	F532	72078	HAWTH	NV
MAPP 2	38	32.40	118	48.80	9099.0	979296.18	111.9	0.2f	10.0	-189.8	-5.2	G732	7 778	HAWTH	NV
MAPP 3	38	33.60	118	46.22	10763.0	979169.63	139.9	3.3f	41.4	-186.8	-4.4	G744	7 778	HAWTH	NV
MAPP 4	38	33.48	118	47.30	10940.0	979162.90	150.0	2.9f	36.7	-187.5	-4.8	G744	7 778	HAWTH	NV
MAPP 5	38	32.70	118	49.91	9472.0	979262.60	112.9	4.1f	20.9	-190.5	-6.1	G744	7 778	HAWTH	NV
MAPP 6	38	30.94	118	48.32	9166.0	979285.75	109.9	0.2f	9.3	-194.7	-9.1	G734	7 778	HAWTH	NV
MAPP 7	38	30.10	118	48.12	9675.0	979243.24	116.4	3.0f	16.8	-198.0	-11.9	G744	7 778	HAWTH	NV
MAPP 8	38	29.01	118	48.11	9583.0	979248.47	114.6	1.5f	14.7	-198.8	-11.9	G734	7 778	HAWTH	NV
MAPP 9	38	28.72	118	48.21	9410.0	979259.13	109.5	1.8f	13.4	-199.3	-12.1	G733	7 778	HAWTH	NV
MAPP 10	38	27.97	118	48.02	9566.0	979240.54	106.6	3.2f	17.6	-203.3	-15.6	G744	7 778	HAWTH	NV
MAPP 11	38	35.69	118	43.60	4942.0	979558.90	-20.8	1.3f	10.7	-180.1	2.1	G744	7 778	HAWTH	NV
MAPP 12	38	36.25	118	44.55	4947.0	979558.79	-21.3	2.1f	13.3	-178.1	3.8	G744	7 778	HAWTH	NV
MAPP 13	38	32.01	118	50.96	8752.0	979305.53	89.2	4.3f	17.8	-192.9	-7.4	G744	7 878	HAWTH	NV
MAPP 14	38	31.40	118	50.91	8925.0	979298.05	98.9	1.5f	15.5	-191.4	-5.5	G744	7 878	HAWTH	NV
MAPP 15	38	31.21	118	50.05	9846.0	979232.82	120.5	2.5f	22.7	-193.9	-8.4	G744	7 878	HAWTH	NV
MAPP 16	38	32.67	118	41.10	4413.3	979580.03	-45.0	0.0f	5.9	-191.0	-6.7	X522	71878	HAWTH	NV
MAPP 17	38	27.47	118	45.87	10273.0	979182.90	116.1	8.1f	34.8	-200.5	-13.3	G734	7 878	HAWTH	NV
MAPP 18	38	26.50	118	46.32	9651.0	979227.59	103.8	6.1f	22.7	-203.9	-15.6	G744	7 878	HAWTH	NV
MAPP 19	38	37.41	118	32.52	4997.0	979556.61	-20.5	0.2f	2.2	-190.2	-11.2	G734	71178	HAWTH	NV
MAPP 20	38	44.07	118	46.18	4129.7	979624.19	-44.2	0.2f	5.6	-180.7	-4.6	B124	71178	HAWTH	NV
MAPP 21	38	44.32	118	45.74	3959.0	979634.11	-50.7	0.1f	5.0	-182.0	-6.1	P334	71178	HAWTH	NV
MAPP 22	38	44.19	118	46.05	4061.8	979628.27	-46.7	0.1f	5.4	-181.1	-5.1	P134	71178	HAWTH	NV
MAPP 23	38	42.82	118	45.64	3959.0	979628.30	-54.3	0.6f	6.0	-184.6	-7.5	R444	71178	HAWTH	NV
MAPP 24	38	39.70	118	48.30	7470.0	979409.74	61.7	3.3f	16.9	-177.7	1.3	G744	71778	HAWTH	NV
MAPP 25	38	36.69	118	48.35	9250.0	979281.97	105.6	3.1f	26.4	-184.8	-3.9	G744	71778	HAWTH	NV
MAPP 26	38	35.89	118	48.25	9664.0	979255.82	119.5	3.7f	29.0	-182.4	-1.0	G744	71778	HAWTH	NV
MAPP 27	38	32.17	118	47.01	9204.0	979284.93	110.9	4.4f	17.0	-187.3	-3.1	G744	71778	HAWTH	NV
MAPP 28	38	30.74	118	44.50	8347.0	979328.38	75.9	5.8f	19.8	-190.5	-5.3	G634	71778	HAWTH	NV
MAPP 29	38	29.61	118	43.91	6617.0	979438.39	25.0	3.2f	8.8	-193.4	-6.8	G744	71778	HAWTH	NV
MAPP 30	38	29.74	118	41.32	6820.0	979419.84	25.3	5.9f	15.0	-193.7	-8.0	G744	71778	HAWTH	NV

Table 6--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAPP 31	38	25.60	118	42.21	8321.0	979314.16	66.8	7.6f	18.0	-200.5	-12.1	G744	71778	HAWTH	NV
MAPP 32	38	24.74	118	43.71	8844.0	979274.83	77.9	6.1f	16.9	-208.3	-19.1	G744	71778	HAWTH	NV
MAPP 33	38	22.88	118	41.20	9446.0	979227.86	90.2	4.4f	20.3	-212.9	-23.5	H424	71778	HAWTH	NV
MAPP 34	38	23.39	118	39.38	8371.0	979303.74	64.3	4.1f	12.8	-209.8	-20.7	G744	71778	HAWTH	NV
MAPP 35	38	22.00	118	39.45	8981.0	979258.62	78.5	3.7f	14.8	-214.3	-24.6	G744	71778	HAWTH	NV
MAPP 36	38	23.41	118	43.51	8453.0	979299.13	67.4	1.7f	8.0	-214.4	-24.2	C854	71778	HAWTH	NV
MAPP 37	38	23.59	118	41.91	8544.0	979291.30	67.8	3.6f	11.2	-213.8	-24.2	G744	71778	HAWTH	NV
MAPP 38	38	16.80	118	49.01	9413.0	979192.47	60.6	5.0f	18.3	-243.5	-48.6	V324	71778	HAWTH	NV
MAPP 39	38	39.76	118	32.41	7427.0	979405.97	53.8	3.8f	14.4	-186.6	-9.8	G644	71778	HAWTH	NV
MAPP 40	38	41.59	118	34.49	6535.0	979467.78	29.1	2.7f	7.5	-187.8	-11.9	G444	71778	HAWTH	NV
MAPP 41	38	40.44	118	36.30	5338.0	979541.29	-8.2	1.5f	3.8	-187.9	-10.8	G634	71778	HAWTH	NV
MAPP 42	38	35.89	118	45.01	5401.0	979521.62	-15.3	9.3f	23.0	-177.9	4.2	P754	71978	HAWTH	NV
MAPP 44	38	35.22	118	44.79	6312.0	979472.63	22.3	1.6f	13.6	-180.8	1.5	P754	71978	HAWTH	NV
MAPP 45	38	35.01	118	44.99	6401.0	979463.72	22.1	4.7f	18.3	-179.4	3.1	P754	71978	HAWTH	NV
MAPP 46	38	34.18	118	43.22	4971.0	979540.81	-34.0	10.9f	26.4	-178.5	4.7	R974	71978	HAWTH	NV
MAPP 47	38	38.76	118	47.20	5099.0	979550.32	-19.2	5.9f	16.9	-177.6	2.7	P544	72078	HAWTH	NV
MAPP 48	38	38.84	118	45.93	4343.8	979596.69	-43.9	1.7f	11.3	-182.1	-1.8	P344	72078	HAWTH	NV
MAPP 49	38	41.00	118	46.25	3959.0	979625.25	-54.7	0.8f	8.4	-182.6	-3.9	R444	72078	HAWTH	NV
MAPP 50	38	41.86	118	46.00	3959.0	979627.50	-53.7	0.9f	7.4	-182.6	-4.7	R444	72078	HAWTH	NV
MAPP 51	38	39.63	118	45.83	3959.0	979617.93	-60.0	3.2f	13.4	-182.9	-3.2	R444	72078	HAWTH	NV
MAPP 52	38	37.52	118	44.47	3959.0	979616.20	-58.6	0.5f	10.0	-184.9	-3.7	R444	72078	HAWTH	NV
MAPP 53	38	36.97	118	43.02	3959.0	979613.66	-60.3	0.4f	6.5	-190.1	-8.8	R444	72078	HAWTH	NV
MAPP 54	38	35.91	118	41.97	3960.0	979612.77	-59.6	0.2f	5.9	-190.0	-8.0	R444	72078	HAWTH	NV
MAPP 55	38	33.00	118	41.07	4362.7	979582.91	-47.3	0.0f	5.7	-191.7	-7.8	E243	72078	HAWTH	NV
MAPP 56	38	19.55	119	12.60	6454.0	979391.33	-22.6	0.5f	4.8	-239.5	-41.4	W644	72278	C103A	CA
MAPP 57	38	16.84	119	13.06	6454.0	979386.97	-23.0	0.0f	2.8	-241.8	-42.5	W644	72278	CH103	CA
MAPP 58	38	17.98	119	13.81	6454.0	979388.33	-23.3	0.0f	3.3	-241.7	-42.9	W654	72278	CH103	CA
MAPP 59	38	17.52	119	14.90	6456.0	979385.03	-25.7	0.0f	3.4	-244.0	-45.1	W654	72278	CH103	CA
MAPP 60	38	9.20	119	18.61	8146.0	979277.47	37.7	1.5f	8.0	-233.6	-34.3	G744	72278	CH103	CA
MAPP 61	38	10.10	119	12.92	7070.0	979338.01	-4.2	0.9f	3.9	-242.9	-41.9	G744	72278	CH103	CA
MAPP62A	38	6.71	119	16.45	8012.0	979284.58	35.9	0.8f	11.8	-227.1	-26.9	G744	72278	CH103	CA
MAPP 63	38	1.31	119	15.67	8090.0	979269.10	35.6	3.3f	23.4	-218.4	-18.0	Q834	72378	VB 7	CA
MAPP 64	37	57.38	119	15.91	9778.0	979178.68	109.5	2.9f	10.4	-214.8	-16.2	G733	72378	CH223	CA
MAPP 65	37	58.01	119	16.20	10073.0	979164.77	122.4	0.5f	7.6	-214.8	-16.4	R744	72378	CH223	CA
MAPP 66	37	58.85	119	16.99	10073.0	979163.24	119.6	0.5f	8.1	-217.0	-18.8	R744	72378	CH223	CA
MAPP 67	37	59.41	119	18.00	10281.0	979147.65	122.8	0.6f	8.3	-220.7	-23.0	A744	72378	CH223	CA
MAPP 68	37	57.11	119	13.48	8995.2	979220.58	78.3	2.7f	13.5	-216.3	-16.2	B124	72378	CH223	CA
MAPP 69	38	14.58	119	13.83	6480.0	979378.65	-25.5	0.0f	2.6	-245.5	-45.4	P434	72478	CH103	CA
MAPP 70	38	14.59	119	14.40	6489.0	979378.05	-25.3	0.0f	2.6	-245.6	-45.6	P434	72478	CH103	CA
MAPP 71	38	14.54	119	14.92	6499.0	979376.89	-25.5	0.0f	2.6	-246.0	-46.0	P443	72478	CH103	CA
MAPP 72	38	14.09	119	14.95	6508.0	979375.74	-25.1	0.0f	2.7	-245.9	-45.8	P444	72478	CH103	CA
MAPP 73	38	13.51	119	14.98	6509.0	979375.43	-24.5	0.0f	2.8	-245.2	-45.0	P444	72478	CH103	CA
MAPP 74	38	13.50	119	15.78	6535.0	979374.75	-22.7	0.0f	2.9	-244.2	-44.1	P444	72478	CH103	CA
MAPP 75	38	13.30	119	17.86	6713.0	979364.87	-15.6	0.1f	3.8	-242.2	-42.5	P444	72478	CH103	CA
MAPP 76	38	13.00	119	18.50	6737.0	979362.17	-15.6	0.1f	4.7	-242.1	-42.5	P444	72478	CH103	CA
MAPP 77	38	12.59	119	18.94	6830.0	979355.15	-13.2	0.2f	5.8	-241.9	-42.4	P442	82978	CH103	CA
MAPP 78	38	12.10	119	19.18	6913.0	979349.37	-10.5	0.6f	7.0	-240.8	-41.3	P444	72478	CH103	CA
MAPP 79	38	9.34	119	20.95	7143.0	979325.17	-9.0	0.5f	13.5	-240.7	-41.6	P442	72578	CH103	CA
MAPP 80	38	9.13	119	21.81	7099.0	979323.57	-14.5	3.8f	19.3	-238.8	-40.0	P444	72478	CH103	CA
MAPP 81	38	8.94	119	22.51	7104.0	979323.25	-14.0	2.0f	18.6	-239.3	-40.8	P444	72478	CH103	CA
MAPP 82	38	9.92	119	20.27	7095.0	979330.93	-8.6	2.6f	14.0	-238.1	-38.8	P444	72478	CH103	CA
MAPP 83	38	11.17	119	19.27	7045.0	979340.27	-5.8	0.2f	6.8	-240.9	-41.3	P434	72478	CH103	CA
MAPP 84	38	8.90	119	21.31	7092.0	979323.92	-14.5	2.2f	17.1	-240.8	-41.8	R444	72578	CH103	CA
MAPP 85	38	9.41	119	20.27	7094.0	979328.76	-10.2	1.6f	13.7	-239.9	-40.6	R444	72578	CH103	CA
MAPP 86	38	9.81	119	19.67	7087.0	979333.09	-7.1	1.8f	11.3	-239.0	-39.5	R444	72578	CH103	CA
MAPP 87	38	10.31	119	19.67	7085.0	979336.27	-4.8	0.3f	8.8	-239.1	-39.7	R443	72578	CH103	CA
MAPP 88	38	5.25	119	10.82	8143.0	979279.78	45.5	0.2f	4.3	-229.4	-28.0	B123	82978	CH103	CA
MAPP89A	38	5.09	119	11.87	8644.0	979249.63	62.7	0.4f	5.4	-228.2	-27.2	G744	72578	CH103	CA
MAPP 90	38	4.31	119	13.00	9033.0	979230.52	81.2	0.9f	6.6	-221.6	-21.1	P544	72578	CH103	CA
MAPP 91	38	3.04	119	15.26	9663.0	979187.02	98.8	0.3f	8.6	-223.4	-23.8	P444	72578	CH103	CA

Table 6--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAPP 92	38	3.40	119	14.60	9438.0	979201.17	91.3	0.4f	8.3	-223.6	-23.7	P544	72578	CH103	CA
MAPP 93	38	12.84	119	13.84	6535.5	979375.44	-21.0	0.3f	3.1	-242.3	-41.8	B123	72278	CH103	CA
MAPP 94	38	59.66	119	10.84	4386.0	979645.65	-21.6	0.0f	0.5	-172.1	-4.7	D324	82278	PB 3	NV
MAPP 95	38	58.38	119	13.39	5110.0	979597.71	0.4	0.3f	1.8	-173.6	-5.2	G633	82478	PB 3	NV
MAPP 96	38	58.89	119	12.68	4738.0	979620.28	-12.8	0.1f	1.2	-174.5	-6.5	D644	82278	PB 3	NV
MAPP 97	38	58.74	119	14.80	5866.0	979553.20	26.4	0.3f	2.8	-172.4	-4.1	D532	82878	PB 3	NV
MAPP98A	38	59.20	119	14.60	6373.0	979512.76	32.9	3.9f	11.3	-174.7	-6.9	V224	82278	PB 3	NV
MAPP 99	38	57.61	119	15.41	6311.0	979525.45	42.1	3.1f	8.3	-166.3	2.7	G644	82278	PB 3	NV
MAPP100	38	57.24	119	17.50	4845.0	979606.67	-13.9	0.1f	1.1	-179.5	-9.3	K644	82278	PB 3	NV
MAPP101	38	58.19	119	17.47	4885.0	979607.61	-10.6	0.0f	1.0	-177.6	-8.2	K642	82878	PB 3	NV
MAPP102	38	59.10	119	17.21	4960.0	979606.20	-6.3	0.0f	1.0	-175.9	-7.1	K643	82378	PB 3	NV
MAPP103	38	59.13	119	12.72	4735.0	979619.61	-14.1	0.1f	1.2	-175.8	-7.8	K644	82378	YERRI	NV
MAPP104	38	59.03	119	13.35	4990.0	979606.12	-3.4	0.4f	1.8	-173.2	-5.2	K644	82378	YERRI	NV
MAPP105	38	58.72	119	14.17	5767.0	979557.75	21.7	1.9f	4.6	-172.0	-3.8	K644	82378	YERRI	NV
MAPP106	38	59.14	119	15.34	5530.0	979575.44	16.5	0.7f	2.1	-171.5	-3.2	K644	82378	YERRI	NV
MAPP107	38	59.29	119	16.30	5175.0	979598.76	6.2	0.2f	1.2	-170.5	-2.1	K644	82378	YERRI	NV
MAPP108	38	59.89	119	16.59	5167.0	979600.08	5.9	0.1f	0.9	-170.9	-2.6	K644	82378	YERRI	NV
MAPP109	38	59.74	119	17.50	5075.0	979603.47	0.8	0.3f	1.1	-172.6	-4.1	K644	82378	YERRI	NV
MAPP110	38	59.52	119	18.09	4942.0	979609.82	-5.0	0.1f	0.9	-174.0	-5.3	K534	82378	YERRI	NV
MAPP111	38	59.32	119	19.14	4785.0	979616.11	-13.2	0.0f	1.0	-176.7	-7.5	K644	82378	YERRI	NV
MAPP112	38	59.40	119	20.22	4748.0	979616.36	-16.5	0.0f	1.5	-178.4	-9.0	F533	82578	YERRI	NV
MAPP113	38	59.65	119	20.77	4850.0	979612.53	-11.1	0.3f	2.1	-175.9	-6.5	K644	82378	YERRI	NV
MAPP114	38	58.60	119	20.27	4677.0	979616.03	-22.3	0.0f	1.2	-182.0	-12.1	K634	82378	PB 3	NV
MAPP115	38	58.53	119	19.57	4690.0	979613.30	-23.7	0.0f	1.1	-184.0	-14.3	K644	82378	PB 3	NV
MAPP116	38	58.28	119	18.78	4745.0	979608.14	-23.4	0.0f	0.9	-185.7	-16.0	K644	82378	PB 3	NV
MAPP117	38	58.19	119	18.02	4810.0	979606.73	-18.5	0.0f	0.9	-183.1	-13.5	K654	82378	PB 3	NV
MAPP118	38	56.79	119	17.97	4730.0	979607.30	-23.4	0.0f	1.0	-185.1	-14.6	K654	82378	PB 3	NV
MAPP119	38	56.22	119	18.35	4700.0	979605.43	-27.3	0.0f	1.0	-187.9	-17.0	K634	82378	PB 3	NV
MAPP120	38	56.85	119	17.41	4815.0	979607.61	-15.2	0.1f	1.2	-179.6	-9.3	K654	82378	PB 3	NV
MAPP121	38	57.22	119	16.85	5007.0	979601.17	-4.1	0.2f	1.4	-174.9	-5.0	K634	82378	PB 3	NV
MAPP122	38	56.71	119	16.65	5065.0	979598.10	-1.0	0.3f	1.6	-173.5	-3.3	K634	82378	PB 3	NV
MAPP123	38	57.33	119	15.78	5902.0	979554.87	33.5	1.5f	4.3	-164.9	4.4	K644	82378	PB 3	NV
MAPP124	38	57.88	119	15.02	6344.0	979521.67	41.1	1.3f	6.7	-170.1	-1.4	K644	82378	PB 3	NV
MAPP125	38	58.57	119	16.94	5010.0	979604.89	-2.1	0.2f	1.2	-173.3	-4.2	K644	82378	PB 3	NV
MAPP126	38	58.41	119	15.94	5406.0	979583.81	14.3	0.5f	1.8	-169.8	-1.0	K644	82378	PB 3	NV
MAPP127	38	58.48	119	12.52	4769.0	979619.61	-9.9	0.4f	1.5	-172.5	-4.2	K644	82478	PB 3	NV
MAPP128	38	57.92	119	13.50	5259.0	979588.08	5.4	0.6f	2.1	-173.3	-4.5	K644	82478	PB 3	NV
MAPP129	38	57.80	119	12.90	5013.0	979603.21	-2.4	0.7f	2.0	-172.8	-4.1	K644	82478	PB 3	NV
MAPP130	38	57.02	119	13.17	5318.0	979586.64	10.9	1.6f	3.2	-168.8	0.5	K644	82478	PB 3	NV
MAPP131	38	57.04	119	12.54	4857.0	979612.79	-6.4	0.8f	2.0	-171.4	-2.2	K544	82478	PB 3	NV
MAPP132	38	59.88	119	5.82	4395.0	979647.16	-19.6	0.0f	0.3	-170.6	-4.2	F634	82478	PB 3	NV
MAPP133	38	59.89	119	4.70	4410.0	979642.57	-22.8	0.0f	0.3	-174.2	-8.0	X624	82478	PB 3	NV
MAPP134	38	58.85	119	6.00	4439.0	979642.61	-18.5	0.2f	0.6	-170.7	-3.7	F634	82478	PB 3	NV
MAPP135	38	58.76	119	5.15	4840.0	979621.17	-2.1	0.3f	0.8	-167.8	-1.0	C734	82478	PB 3	NV
MAPP136	38	59.20	119	4.16	4540.0	979635.84	-16.3	0.1f	0.4	-172.1	-5.5	C734	82478	PB 3	NV
MAPP137	38	58.61	119	4.08	4782.0	979622.38	-6.1	0.4f	0.7	-169.9	-3.1	G744	82478	PB 3	NV
MAPP138	38	58.39	119	2.44	4915.0	979610.73	-4.9	0.1f	0.6	-173.4	-6.7	C744	82478	PB 3	NV
MAPP139	38	57.61	119	3.51	4639.0	979627.84	-12.6	0.0f	0.4	-171.8	-4.3	G644	82478	PB 3	NV
MAPP140	38	56.85	119	4.06	4569.0	979633.86	-12.1	0.0f	0.4	-168.9	-0.8	X623	82478	PB 3	NV
MAPP141	38	57.29	119	5.31	4569.0	979635.09	-11.5	0.1f	0.4	-168.3	-0.3	X624	82478	PB 3	NV
MAPP142	38	57.33	119	6.11	4710.0	979628.41	-5.0	0.5f	0.8	-166.2	1.8	G744	82478	PB 3	NV
MAPP143	38	57.79	119	7.57	4598.0	979631.93	-12.7	0.0f	0.3	-170.6	-2.6	G644	82478	PB 3	NV
MAPP144	38	58.12	119	8.56	4396.3	979641.02	-23.0	0.0f	0.4	-173.9	-6.0	B124	82478	PB 3	NV
MAPP145	38	58.99	119	8.38	4383.2	979645.21	-21.3	0.0f	0.3	-171.9	-4.5	B124	82478	PB 3	NV
MAPP146	38	59.96	119	13.19	4618.0	979629.96	-16.0	0.1f	1.4	-173.4	-5.8	G634	82478	PB 3	NV
MAPP147	38	59.62	119	12.70	4597.0	979629.92	-17.5	0.1f	1.1	-174.5	-6.8	K634	82578	YERRI	NV
MAPP148	38	59.93	119	21.53	5598.0	979569.51	15.8	1.3f	3.4	-173.3	-4.1	K644	82578	YERRI	NV
MAPP149	38	59.69	119	22.20	5260.0	979593.02	7.9	0.4f	2.2	-170.8	-1.3	K644	82578	YERRI	NV
MAPP150	38	59.48	119	22.42	5244.0	979592.20	5.8	0.3f	2.0	-172.4	-2.8	K644	82578	YERRI	NV
MAPP151	38	59.53	119	23.00	5109.0	979601.01	1.9	0.5f	2.5	-171.3	-1.5	K644	82578	YERRI	NV

Table 6--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAPP152	38	58.86	119	22.82	4816.0	979614.09	-11.6	0.1f	2.3	-174.9	-4.7	K644	82578	YERRI	NV
MAPP153	38	59.59	119	23.69	5013.0	979604.58	-3.7	0.2f	2.8	-173.3	-3.4	B124	82578	YERRI	NV
MAPP154	38	58.96	119	23.47	4881.0	979609.87	-9.8	0.1f	2.6	-175.1	-4.9	B124	82578	YERRI	NV
MAPP155	38	58.18	119	23.46	4700.6	979613.69	-21.8	0.0f	2.8	-180.7	-10.0	B124	82578	YERRI	NV
MAPP156	38	57.31	119	22.01	4572.0	979613.47	-32.9	0.0f	1.7	-188.4	-17.4	G634	82578	PB 3	NV
MAPP157	38	58.39	119	21.57	4639.0	979622.45	-19.2	0.1f	1.8	-176.9	-6.7	G634	82578	PB 3	NV
MAPP158	38	57.33	119	23.69	4613.4	979613.83	-28.6	0.1f	3.3	-184.1	-12.7	B124	82578	PB 3	NV
MAPP159	38	57.14	119	24.16	4766.0	979601.19	-26.7	0.2f	3.7	-186.9	-15.4	F534	82578	PB 3	NV
MAPP160	38	56.52	119	23.90	4624.1	979608.38	-31.9	0.0f	3.3	-187.6	-15.8	B124	82578	PB 3	NV
MAPP161	38	55.73	119	23.98	4616.7	979606.28	-33.5	0.1f	3.5	-188.8	-16.5	B124	82578	PB 3	NV
MAPP162	38	54.91	119	24.27	4642.0	979601.76	-34.4	0.1f	4.3	-189.9	-17.0	D334	82578	PB 3	NV
MAPP163	38	54.00	119	24.62	4658.9	979597.66	-35.6	1.1f	6.9	-189.0	-15.5	B123	82578	PB 3	NV
MAPP164	38	53.21	119	24.77	4720.8	979591.55	-34.8	0.2f	5.5	-191.6	-17.7	B124	82578	PB 3	NV
MAPP165	38	52.36	119	24.98	4800.0	979586.48	-31.1	0.0f	4.5	-191.8	-17.2	G634	82578	PB 3	NV
MAPP166	38	52.07	119	24.10	4782.0	979582.49	-36.4	0.0f	2.9	-197.9	-23.3	C634	82578	PB 3	NV
MAPP167	38	52.07	119	23.00	4762.0	979577.64	-43.1	0.0f	1.9	-205.0	-30.5	C734	82578	PB 3	NV
MAPP168	38	53.36	119	23.28	4682.0	979580.97	-49.2	0.0f	2.3	-208.0	-34.3	C734	82578	PB 3	NV
MAPP169	38	52.05	119	21.90	4756.0	979578.39	-42.9	0.0f	1.4	-205.1	-30.8	F534	82578	PB 3	NV
MAPP170	38	52.92	119	21.90	4745.0	979578.73	-44.9	0.0f	1.4	-206.7	-33.0	C744	82578	PB 3	NV
MAPP171	38	51.18	119	21.91	4775.0	979576.51	-41.7	0.0f	1.5	-204.5	-29.5	F634	82578	PB 3	NV
MAPP172	38	50.30	119	21.91	4788.0	979575.08	-40.6	0.0f	1.5	-203.8	-28.2	F633	82878	PB 3	NV
MAPP173	38	50.30	119	19.98	4806.0	979577.97	-36.0	0.0f	1.0	-200.4	-25.1	F644	82578	PB 3	NV
MAPP174	38	48.83	119	19.68	4749.0	979576.42	-40.8	0.0f	1.0	-203.1	-26.7	F634	82578	PB 3	NV
MAPP175	38	59.00	119	10.29	4486.0	979638.27	-18.6	0.0f	0.4	-172.6	-5.0	K634	82678	PB 3	NV
MAPP176	38	59.02	119	10.87	4489.0	979641.43	-15.2	0.0f	0.5	-169.2	-1.5	K644	82678	PB 3	NV
MAPP177	38	57.99	119	12.02	4662.0	979622.90	-16.0	0.2f	1.0	-175.3	-6.8	K544	82678	PB 3	NV
MAPP178	38	57.66	119	12.07	4687.0	979619.92	-16.1	0.5f	1.4	-175.9	-7.1	K544	82678	PB 3	NV
MAPP179	38	57.00	119	11.32	4422.8	979628.14	-31.8	0.0f	1.0	-183.0	-13.8	B124	82678	PB 3	NV
MAPP180	38	56.20	119	11.42	4421.2	979629.03	-29.8	0.0f	1.1	-180.9	-11.1	N224	82678	PB 3	NV
MAPP181	38	55.25	119	11.56	4431.8	979625.36	-31.1	0.0f	1.2	-182.4	-12.0	B123	82678	PB 3	NV
MAPP182	38	55.30	119	10.84	4420.0	979624.43	-33.2	0.0f	0.8	-184.5	-14.3	F534	82678	PB 3	NV
MAPP183	38	54.64	119	10.59	4431.0	979623.99	-31.7	0.0f	0.8	-183.4	-12.6	F534	82678	PB 3	NV
MAPP184	38	55.22	119	9.60	4429.9	979627.17	-29.4	0.0f	0.5	-181.4	-11.3	B124	82678	PB 3	NV
MAPP185	38	55.94	119	9.76	4419.6	979626.67	-32.0	0.0f	0.5	-183.5	-13.9	B124	82678	PB 3	NV
MAPP186	38	56.90	119	9.78	4407.3	979627.18	-34.0	0.0f	0.5	-185.2	-16.2	B124	82678	PB 3	NV
MAPP187	38	57.79	119	9.75	4398.0	979631.07	-32.3	0.0f	0.4	-183.2	-14.8	D444	82678	PB 3	NV
MAPP188	38	58.99	119	9.20	4385.0	979643.60	-22.8	0.0f	0.3	-173.3	-5.9	C644	82678	PB 3	NV
MAPP189	38	57.05	119	8.62	4412.3	979634.70	-26.3	0.0f	0.4	-177.7	-9.0	B124	82678	PB 3	NV
MAPP190	38	57.21	119	7.01	4645.0	979628.53	-10.8	0.5f	0.7	-169.9	-1.6	K644	82678	PB 3	NV
MAPP191	38	56.40	119	6.60	4463.0	979636.82	-18.4	0.0f	0.3	-171.7	-2.8	D544	82678	PB 3	NV
MAPP192	38	56.39	119	5.84	4485.0	979633.55	-19.6	0.0f	0.3	-173.6	-4.9	G634	82678	PB 3	NV
MAPP193	38	53.77	119	8.81	4459.4	979629.85	-21.8	0.0f	0.5	-174.8	-3.8	B124	82678	PB 3	NV
MAPP194	38	52.89	119	8.60	4473.0	979625.20	-23.9	0.0f	0.5	-177.3	-5.6	B124	82678	PB 3	NV
MAPP195	38	53.92	119	7.27	4688.0	979620.25	-10.2	0.0f	0.4	-171.1	-0.3	K644	82678	PB 3	NV
MAPP196	38	54.50	119	7.40	4567.0	979626.61	-16.0	0.0f	0.3	-172.8	-2.5	K644	82678	PB 3	NV
MAPP197	38	54.31	119	6.39	4608.0	979621.86	-16.7	0.0f	0.3	-174.9	-4.6	K644	82678	PB 3	NV
MAPP198	38	54.30	119	5.41	4618.0	979619.14	-18.4	0.0f	0.3	-177.0	-6.8	K644	82678	PB 3	NV
MAPP199	38	54.39	119	4.56	4645.0	979625.13	-10.0	0.0f	0.3	-169.5	0.5	K634	82678	PB 3	NV
MAPP200	38	55.01	119	4.86	4703.0	979622.59	-8.0	0.0f	0.3	-169.5	0.0	K634	82678	PB 3	NV
MAPP201	38	55.55	119	4.30	4817.0	979621.11	0.4	0.2f	0.6	-164.7	4.3	K644	82678	PB 3	NV
MAPP202	38	56.39	119	4.31	4581.0	979634.94	-9.2	0.0f	0.3	-166.5	2.0	G734	82678	PB 3	NV
MAPP203	38	51.17	119	8.63	4512.0	979616.42	-26.5	0.0f	0.6	-181.2	-8.1	B124	82778	PR242	NV
MAPP204	38	49.62	119	9.73	4591.0	979599.12	-34.1	0.0f	0.8	-191.2	-16.8	G634	82778	PR242	NV
MAPP205	38	49.04	119	9.59	4640.0	979593.83	-33.9	0.0f	0.9	-192.7	-17.8	Q744	82778	PR242	NV
MAPP206	38	47.90	119	9.20	4780.0	979580.03	-32.9	0.0f	0.9	-196.4	-20.6	C734	82778	PR242	NV
MAPP207	38	47.10	119	9.42	4890.0	979572.04	-29.4	0.0f	1.1	-196.5	-20.0	C734	82778	PR242	NV
MAPP208	38	46.34	119	10.14	5088.0	979564.75	-16.9	0.1f	1.3	-190.6	-13.5	G754	82778	PR242	NV
MAPP209	38	49.11	119	6.91	4647.0	979596.10	-31.1	0.0f	0.7	-190.3	-15.8	Q744	82778	PR242	NV
MAPP210	38	48.60	119	6.19	4705.0	979592.75	-28.3	0.1f	0.8	-189.3	-14.4	C734	82778	PR242	NV
MAPP211	38	45.90	119	5.28	4946.0	979560.46	-33.9	0.0f	0.9	-203.1	-26.0	D654	82778	PR242	NV

Table 6--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAPP212	38	45.90	119	4.71	4896.0	979566.81	-32.3	0.0f	0.9	-199.7	-22.7	G654	82778	PR242	NV
MAPP213	38	54.68	119	11.99	4502.0	979623.27	-25.8	0.1f	1.9	-178.8	-7.9	X524	82778	PB 3	NV
MAPP214	38	54.29	119	11.42	4451.6	979626.61	-26.6	0.0f	1.4	-178.3	-7.2	B124	82778	PB 3	NV
MAPP215	38	50.31	119	23.02	4804.0	979577.32	-36.9	0.0f	2.2	-199.9	-24.2	D434	82778	PB 3	NV
MAPP216	38	50.30	119	23.57	4838.0	979578.52	-32.5	0.0f	2.8	-196.1	-20.4	D434	82778	PB 3	NV
MAPP217	38	50.20	119	18.58	4720.0	979586.38	-35.6	0.0f	0.9	-197.0	-21.8	C744	82778	PB 3	NV
MAPP218	38	50.51	119	16.70	4721.7	979584.86	-37.4	0.0f	0.9	-199.0	-24.2	B323	82778	PB 3	NV
MAPP219	38	51.79	119	14.79	5075.0	979572.64	-18.3	0.1f	1.0	-191.8	-18.5	C734	82778	PB 3	NV
MAPP220	38	54.00	119	13.26	5878.0	979540.31	21.6	1.6f	5.0	-175.4	-4.1	G644	82778	PB 3	NV
MAPP221	38	53.79	119	14.01	5570.0	979561.70	14.4	0.5f	1.9	-175.2	-3.6	Q644	82778	PB 3	NV
MAPP222	38	53.30	119	14.43	5425.0	979566.32	6.1	0.2f	1.3	-179.1	-7.1	K644	82778	PB 3	NV
MAPP223	38	52.22	119	14.01	5310.0	979570.92	1.5	0.2f	1.4	-179.7	-7.0	C734	82778	PB 3	NV
MAPP224	38	51.22	119	17.20	4852.0	979585.85	-25.2	0.0f	0.7	-191.4	-17.2	G634	82778	PB 3	NV
MAPP225	38	53.38	119	11.10	4440.0	979622.82	-30.1	0.2f	1.6	-181.3	-9.5	N224	82778	PB 3	NV
MAPP226	38	53.36	119	10.49	4443.0	979619.34	-33.3	0.0f	0.9	-185.3	-13.6	F534	82778	PB 3	NV
MAPP227	38	53.33	119	9.74	4452.0	979619.57	-32.2	0.0f	0.6	-184.7	-13.1	F534	82778	PB 3	NV
MAPP228	38	55.23	119	18.59	4660.0	979607.76	-27.2	0.0f	1.1	-186.5	-14.8	K643	82878	YERRI	NV
MAPP229	38	55.64	119	17.80	4775.0	979605.36	-19.4	0.0f	1.1	-182.5	-11.4	K644	82878	YERRI	NV
MAPP230	38	56.19	119	16.22	5305.0	979582.51	6.7	0.4f	1.9	-173.8	-3.4	K644	82878	YERRI	NV
MAPP231	38	55.96	119	17.00	4935.0	979602.84	-7.4	0.0f	1.4	-175.7	-4.9	K644	82878	YERRI	NV
MAPP232	38	55.04	119	17.60	4880.0	979601.71	-12.3	0.2f	1.3	-178.8	-7.3	K634	82878	YERRI	NV
MAPP233	38	54.18	119	18.95	4730.0	979607.20	-19.7	0.0f	1.0	-181.4	-9.0	K644	82878	YERRI	NV
MAPP234	38	53.03	119	18.69	4925.0	979593.90	-12.9	0.0f	0.8	-181.5	-8.5	K644	82878	YERRI	NV
MAPP235	38	55.71	119	19.21	4590.0	979604.73	-37.6	0.0f	1.1	-194.4	-22.9	K654	82878	CH103	NV
MAPP236	38	54.65	119	20.79	4665.0	979594.89	-38.8	0.0f	1.1	-198.1	-25.7	K634	82878	CH103	NV
MAPP237	38	54.76	119	19.73	4674.0	979605.83	-27.2	0.0f	1.0	-186.9	-14.7	K644	82878	CH103	NV
MAPP238	38	54.68	119	21.90	4618.0	979586.83	-51.3	0.0f	1.5	-208.6	-36.0	G634	82878	CH103	NV
MAPP239	38	48.12	119	20.80	4753.0	979571.48	-44.3	0.0f	1.3	-206.5	-29.5	G634	82878	CH103	NV
MAPP240	38	47.43	119	20.80	4777.0	979567.26	-45.3	0.0f	1.3	-208.2	-30.7	G644	82878	CH103	NV
MAPP241	38	47.49	119	19.68	4801.0	979565.81	-44.5	0.0f	1.1	-208.6	-31.2	F533	82878	CH103	NV
MAPP242	38	47.48	119	18.28	4852.0	979563.11	-42.4	0.0f	0.9	-208.4	-31.2	F534	82878	CH103	NV
MAPP243	38	46.40	119	18.28	4895.0	979558.57	-41.3	0.0f	1.0	-208.7	-30.6	F534	82878	CH103	NV
MAPP244	38	46.39	119	17.46	4902.0	979562.87	-36.3	0.0f	1.0	-204.0	-26.0	F534	82878	CH103	NV
MAPP245	38	45.65	119	17.43	4920.0	979563.38	-33.1	0.0f	1.1	-201.1	-22.5	F534	82878	CH103	NV
MAPP246	38	44.76	119	17.41	4980.0	979559.41	-30.1	0.0f	1.3	-200.0	-20.7	F634	82878	CH103	NV
MAPP247	38	43.28	119	17.50	5035.0	979552.25	-29.9	0.0f	1.7	-201.4	-20.8	C834	82878	CH103	NV
MAPP248	38	41.80	119	17.50	5162.6	979541.47	-26.5	0.0f	1.9	-202.1	-20.2	B124	82878	CH103	NV
MAPP249	38	40.24	119	16.99	5309.7	979532.97	-18.9	0.1f	2.5	-198.9	-15.7	B124	82878	CH103	NV
MAPP250	38	7.35	119	20.16	11368.0	979062.06	127.6	4.5f	30.3	-230.7	-34.0	G745	82978	CH103	CA
MAPP251	38	7.33	119	18.23	11220.0	979077.08	128.8	4.6f	28.7	-226.0	-28.5	H425	82978	CH103	CA
MAPP252	38	3.60	119	19.41	11738.0	979041.91	147.7	11.2f	33.3	-220.0	-23.4	G745	82978	CH103	CA
MAPP253	38	6.13	119	18.87	11508.0	979056.16	136.7	8.3f	31.2	-225.5	-28.3	G745	82978	CH103	CA
MAPP254	38	5.87	119	20.90	10434.0	979137.73	117.8	1.8f	11.2	-228.0	-31.0	G745	82978	CH103	CA
MAPP255	38	7.24	119	25.37	9711.0	979177.25	87.4	3.6f	11.1	-234.0	-39.0	W845	82978	CH103	CA
MAPP256	38	10.10	119	25.37	11720.0	979040.47	135.1	6.1f	35.8	-229.5	-35.6	G745	82978	CH103	CA
MAPP257	38	9.95	119	23.10	10797.0	979096.19	104.3	8.2f	30.5	-234.4	-38.6	G745	82978	CH103	CA
MAPP258	38	10.62	119	21.58	10321.0	979137.78	100.2	3.3f	21.8	-231.1	-34.4	G745	82978	CH103	CA
MAPP259	38	9.10	119	16.25	7218.0	979329.35	2.5	0.9f	7.3	-237.8	-37.3	G744	82978	CH103	CA
MAPP260A	38	7.65	119	13.02	8174.0	979277.90	43.0	0.9f	4.6	-232.6	-31.9	G744	82978	CH103	CA
MAPP261	38	6.80	119	14.22	8277.0	979275.47	51.5	0.3f	4.8	-227.4	-26.8	G734	82978	C103B	CA
MAPP262	38	5.76	119	12.54	8650.0	979250.16	62.8	0.8f	5.4	-228.3	-27.5	G744	82978	C103B	CA
MAPP263	38	16.41	119	11.61	7044.0	979354.59	0.7	0.6f	3.0	-238.1	-38.9	G744	83078	C103A	CA
MAPP264	38	16.29	119	8.15	7612.0	979323.59	23.3	0.9f	3.7	-234.1	-35.3	Q833	83078	C103B	CA
MAPP265	38	16.16	119	5.02	9151.0	979225.33	69.8	2.2f	8.1	-235.6	-37.7	G744	83078	C103B	CA
MAPP266	38	18.11	119	4.75	7920.0	979304.21	30.2	0.0f	2.5	-238.9	-41.2	Q844	83078	C103B	CA
MAPP267	38	19.81	119	5.30	8405.0	979280.03	49.0	0.5f	4.0	-235.0	-38.4	C764	83078	C103B	CA
MAPP268	38	19.82	119	4.39	8866.0	979243.51	55.8	2.3f	9.6	-238.4	-42.1	G744	83078	C103B	CA
MAPP269	38	16.32	119	6.67	8085.0	979297.52	41.6	0.8f	4.0	-231.6	-33.1	Q834	83078	C103B	CA
MAPP270	38	20.61	119	7.61	9207.0	979224.85	68.0	3.5f	13.4	-233.9	-37.9	H524	83078	C103B	CA
MAPP271	38	21.45	119	7.44	8636.0	979265.71	54.0	2.4f	9.5	-232.4	-36.6	G744	83078	C103B	CA

Table 6--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAPP272	38	12.63	119	20.53	8859.0	979234.16	56.3	2.0f	11.1	-236.1	-38.3	G744	83178	C103B	CA
MAPP273	38	12.82	119	22.75	9547.0	979195.31	81.9	3.4f	14.5	-230.5	-34.0	G744	83178	C103B	CA
MAPP274	38	13.80	119	25.91	10412.0	979143.56	109.9	5.4f	18.6	-227.7	-33.2	G744	83178	C103B	CA
MAPP275	38	14.19	119	28.30	11551.0	979063.89	136.6	6.3f	32.2	-225.9	-33.4	G744	83178	C103B	CA
MAPP276	38	16.49	119	30.06	10658.0	979129.90	115.4	5.0f	22.9	-226.3	-34.4	G744	83178	C103B	CA
MAPP277	38	13.31	119	29.22	9231.0	979232.47	88.6	1.9f	10.8	-216.7	-23.4	G744	83178	C103B	CA
MAPP278	38	11.32	119	29.12	11482.0	979065.94	136.4	8.8f	29.6	-226.4	-34.5	G744	83178	C103B	CA
MAPP279	38	9.73	119	29.33	10749.0	979115.70	119.7	7.4f	20.6	-227.4	-35.4	G744	83178	C103B	CA
MAPP280	38	10.30	119	33.87	9682.0	979205.69	108.6	0.8f	6.7	-216.2	-27.3	G744	83178	C103B	CA
MAPP281	38	21.61	119	17.65	9027.0	979235.91	60.7	3.8f	11.1	-237.4	-42.0	G744	83178	C103B	CA
MAPP282	38	22.52	119	16.81	9515.0	979207.03	76.3	1.3f	9.4	-240.0	-45.3	G854	83178	C103B	CA
MAPP283	37	59.69	119	12.99	10993.0	979100.36	141.9	2.0f	16.2	-217.7	-18.4	R744	9 178	C103B	CA
MAPP284	37	58.68	119	13.18	11952.0	979030.97	164.1	4.9f	29.8	-214.4	-15.9	G744	9 178	C103B	CA
MAPP285	37	59.52	119	15.01	9656.0	979184.31	100.6	2.0f	12.8	-217.2	-17.7	R744	9 178	C103B	CA
MAPP286	38	1.92	119	17.38	10550.0	979135.22	131.9	2.1f	11.5	-217.4	-19.3	Q844	9 178	C103B	CA
MAPP287	38	4.77	119	17.89	9738.0	979181.47	97.7	3.4f	10.8	-224.8	-26.2	G744	9 178	C103B	CA
MAPP288	38	7.41	119	21.99	9993.0	979149.78	86.1	8.2f	20.6	-235.3	-38.6	G744	9 178	C103B	CA
MAPP289	38	8.60	119	25.20	7640.0	979293.67	7.2	2.4f	19.6	-235.2	-38.5	Q844	9 178	C103B	CA
MAPP290	38	33.02	119	32.79	7675.0	979347.26	28.3	2.1f	9.8	-225.1	-38.9	G744	62879	MCLIF	CA
MAPP291	38	34.08	119	33.48	6360.0	979427.42	-16.7	0.3f	5.0	-230.1	-44.0	Q844	62879	MCLIF	CA
MAPP292	38	35.84	119	33.97	6160.0	979441.87	-23.6	0.3f	4.1	-231.1	-46.0	Q834	62879	MCLIF	CA
MAPP293	38	37.33	119	34.60	6085.0	979453.79	-20.9	0.1f	3.7	-226.3	-42.3	Q834	62879	MCLIF	CA
MAPP294	38	34.84	119	29.32	5090.0	979511.48	-53.1	0.0f	4.1	-224.0	-36.9	Q834	62879	MCLIF	CA
MAPP295	38	36.27	119	29.67	5048.0	979516.33	-54.3	0.0f	3.5	-224.3	-38.2	Q834	62879	MCLIF	CA
MAPP296	38	37.55	119	27.50	5212.0	979525.27	-31.8	0.0f	2.7	-208.3	-23.0	X623	62879	MCLIF	CN
MAPP297	38	41.21	119	26.63	5247.0	979530.17	-29.0	0.1f	2.0	-207.5	-24.9	G744	62879	MCLIF	NV
MAPP298	38	42.49	119	26.42	5177.0	979536.09	-31.5	0.1f	2.0	-207.5	-25.9	G634	62879	VB 2	NV
MAPP299	38	43.90	119	27.13	5049.0	979549.95	-31.8	0.0f	2.5	-202.9	-22.4	G634	62879	VB 2	NV
MAPP300	38	38.49	119	32.99	5445.0	979500.73	-35.8	0.6f	4.9	-218.1	-34.3	Q834	71879	TOPZF	CA
MAPP301	38	40.24	119	35.02	7589.0	979368.67	31.0	1.1f	8.4	-220.9	-39.7	G744	71879	TOPZF	CA
MAPP302	38	40.16	119	39.92	7314.0	979397.56	34.2	0.5f	3.7	-213.1	-32.8	G632	8 179	TOPZF	CA
MAPP303	38	37.86	119	43.35	5927.0	979475.08	-15.3	0.5f	7.2	-211.7	-30.9	G632	72379	TOPZF	CA
MAPP304	38	36.46	119	41.52	6663.0	979424.27	5.2	3.1f	6.8	-216.8	-34.9	G734	71879	TOPZF	CA
MAPP305	38	33.17	119	34.98	8770.0	979264.84	48.5	8.6f	24.0	-227.9	-43.0	G745	71979	TOPZF	CA
MAPP306	38	33.18	119	37.63	6666.0	979410.35	-3.7	0.4f	5.0	-227.6	-42.5	G645	71979	TOPZF	CA
MAPP307	38	33.73	119	39.67	9073.0	979252.57	63.9	3.9f	21.0	-226.0	-43.4	G745	71979	TOPZF	CA
MAPP308	38	30.47	119	39.13	6755.0	979396.88	-4.8	2.5f	11.5	-225.2	-39.8	G745	71979	TOPZF	CA
MAPP309	38	31.71	119	39.15	6827.0	979399.07	2.3	1.2f	7.8	-224.2	-39.3	G745	71979	TOPZF	CA
MAPP310	38	28.84	119	39.15	9147.0	979253.42	78.9	0.9f	8.8	-225.6	-41.0	W745	71979	TOPZF	CA
MAPP311	38	32.22	119	45.46	10805.0	979145.28	121.5	8.4f	36.1	-212.0	-33.3	C965	71979	TOPZF	CA
MAPP312	38	30.27	119	33.42	9343.0	979227.25	69.0	4.4f	19.3	-231.6	-44.9	G744	72079	TOPZF	CA
MAPP313	38	30.68	119	35.10	8640.0	979281.26	56.4	2.0f	9.4	-230.3	-44.1	G744	72079	TOPZF	CA
MAPP314	38	26.27	119	38.10	9721.0	979213.63	96.8	2.3f	10.4	-225.6	-40.1	W744	72079	TOPZF	CA
MAPP315	38	27.30	119	37.62	9305.0	979239.61	82.2	2.8f	9.8	-226.7	-40.8	W744	72079	TOPZF	CA
MAPP316	38	28.24	119	35.03	8245.0	979304.96	46.6	0.6f	5.5	-230.6	-43.1	G744	72079	TOPZF	CA
MAPP317	38	25.98	119	35.20	8422.0	979286.98	48.5	2.6f	10.1	-230.0	-41.8	G744	72079	TOPZF	CA
MAPP318	38	24.66	119	33.67	10958.0	979116.78	118.5	4.3f	23.1	-233.1	-45.2	G744	72079	TOPZF	CA
MAPP319	38	23.80	119	34.95	10829.0	979126.48	117.3	4.9f	21.1	-231.9	-44.3	G744	72079	TOPZF	CA
MAPP320	38	26.87	119	41.22	9383.0	979235.22	85.8	5.7f	15.9	-219.7	-36.2	G743	72079	TOPZF	CA
MAPP321	38	21.10	119	50.87	5689.8	979476.93	-11.1	1.5f	12.1	-194.5	-19.5	B124	72179	CH105	CA
MAPP322	38	21.32	119	52.62	5671.0	979485.61	-4.5	1.7f	10.1	-189.3	-16.6	N124	72179	CH105	CA
MAPP323	38	24.04	119	48.13	6161.0	979445.64	-2.4	0.7f	10.9	-203.2	-24.2	G644	72179	CH105	CA
MAPP324	38	24.21	119	46.83	6196.0	979437.92	-7.1	2.0f	14.6	-205.3	-24.9	G634	72179	CH105	CA
MAPP325	38	25.05	119	44.90	6464.0	979417.34	-3.7	1.5f	15.5	-210.2	-28.0	G744	72179	CH105	CA
MAPP326	38	22.98	119	49.52	5895.0	979460.53	-11.0	0.9f	13.7	-199.8	-22.5	G754	72179	CH105	CA
MAPP327	38	22.35	119	50.95	5678.0	979476.99	-14.0	1.0f	13.6	-195.5	-20.1	G754	72179	CH105	CA
MAPP328	38	20.33	119	48.78	5904.7	979457.99	-8.7	1.2f	12.9	-198.7	-21.3	B124	72179	CH105	CA
MAPP329	38	20.45	119	47.87	6050.0	979445.98	-7.2	3.0f	14.7	-200.3	-21.8	B124	72179	CH105	CA
MAPP330	38	20.11	119	46.10	6124.4	979437.19	-8.5	0.8f	14.5	-204.4	-23.8	B124	72179	CH105	CA
MAPP331	38	41.67	119	35.16	8315.0	979325.66	54.1	3.9f	15.3	-215.6	-35.6	H434	72279	TOPZF	CA

Table 6--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAPP332	38	42.54	119	34.87	7744.0	979372.75	46.3	1.8f	10.5	-208.8	-29.0	G744	72279	TOPZF	CA
MAPP333	38	43.40	119	35.49	7390.0	979405.25	44.2	0.4f	5.7	-203.6	-24.3	G744	72279	TOPZF	NV
MAPP334	38	41.22	119	39.33	7710.0	979374.75	47.0	0.7f	4.4	-213.0	-33.3	G744	72279	TOPZF	CA
MAPP335	38	41.89	119	40.67	8038.0	979352.85	54.9	0.3f	6.1	-214.5	-35.7	G744	72279	TOPZF	CA
MAPP336	38	42.30	119	41.38	8062.0	979349.97	53.7	0.2f	6.3	-216.5	-38.1	G744	72279	TOPZF	CA
MAPP337	38	42.97	119	40.93	8036.0	979349.76	50.1	1.1f	8.0	-217.5	-39.3	G744	72279	TOPZF	CA
MAPP338	38	40.67	119	42.43	6871.0	979429.37	23.6	0.5f	3.8	-208.5	-29.0	G734	72279	TOPZF	CA
MAPP339	38	39.31	119	35.76	6617.0	979429.03	1.4	1.9f	8.7	-217.1	-34.9	G744	72379	TOPZF	CA
MAPP340	38	40.00	119	36.83	8504.0	979310.57	59.2	0.7f	9.4	-222.9	-42.3	G744	72379	TOPZF	CA
MAPP341	38	40.24	119	37.59	8230.0	979333.70	56.3	0.1f	5.8	-220.1	-39.7	G634	72379	TOPZF	CA
MAPP342	38	41.42	119	37.60	8549.0	979313.17	64.0	1.5f	10.0	-219.1	-39.4	G744	72379	TOPZF	CA
MAPP343	38	39.76	119	42.66	5920.0	979479.74	-14.0	4.4f	10.8	-206.6	-26.3	G744	72379	CH101	CA
MAPP344	38	38.92	119	43.63	5741.0	979487.59	-21.8	2.4f	9.7	-209.4	-29.0	G744	72379	CH101	CA
MAPP345	38	35.00	119	41.42	6432.0	979433.95	-4.7	0.9f	8.5	-217.1	-34.4	G754	72379	CH101	CA
MAPP346	38	29.73	119	47.85	8586.0	979313.95	85.4	0.5f	4.8	-204.0	-25.8	W644	72379	CH101	CA
MAPP347	38	29.10	119	48.51	8613.0	979311.46	86.4	1.5f	6.2	-202.6	-25.0	W644	72379	CH101	CA
MAPP348	38	30.86	119	48.08	8070.0	979345.97	67.3	1.0f	6.2	-203.2	-25.0	Q734	72379	CH101	CA
MAPP349	38	32.12	119	49.25	7835.0	979361.35	58.7	0.9f	6.1	-203.8	-26.5	Q734	72379	CH101	CA
MAPP350	38	33.83	119	48.23	8187.7	979342.67	70.7	0.7f	5.0	-205.1	-27.3	B124	72379	CH101	CA
MAPP351	38	35.97	119	46.51	6467.0	979439.36	2.6	2.8f	12.3	-207.3	-27.7	W724	72379	CH101	CA
MAPP352	38	52.00	118	57.44	5180.0	979572.30	-9.0	0.0f	1.0	-186.2	-15.3	G744	72479	PR242	NV
MAPP353	38	52.28	118	56.77	5232.0	979574.95	-1.9	0.0f	1.1	-180.7	-10.2	G744	72479	PR242	NV
MAPP354	38	52.89	118	57.73	5165.0	979570.63	-13.5	0.0f	0.9	-190.2	-20.0	G744	72479	PR242	NV
MAPP355	38	53.28	118	58.37	5102.0	979572.74	-17.8	0.0f	0.8	-192.5	-22.5	G634	72479	PR242	NV
MAPP356	38	53.78	118	59.19	5018.0	979581.37	-17.8	0.0f	0.7	-189.7	-19.9	G634	72479	PR242	NV
MAPP357	38	53.90	118	59.89	4998.0	979584.90	-16.4	0.0f	0.6	-187.6	-17.9	K644	72479	PR242	NV
MAPP358	38	55.09	119	0.84	4969.0	979589.29	-16.5	0.0f	0.6	-186.8	-17.9	G744	72479	PB 3	NV
MAPP359	38	15.95	118	51.11	8124.0	979300.20	48.5	0.1f	2.8	-227.3	-30.8	G734	72579	C103A	NV
MAPP360	38	20.93	118	49.67	6772.0	979391.76	5.7	0.1f	1.8	-225.0	-30.9	G734	72579	C103A	NV
MAPP361	38	4.29	119	9.09	6922.0	979358.18	10.6	0.1f	4.6	-222.4	-20.0	G734	72679	PB 1	CA
MAPP362	38	4.16	119	7.84	6970.0	979359.38	16.5	0.1f	3.4	-219.4	-16.9	G734	72679	PB 1	CA
MAPP363	38	4.94	118	47.30	6840.0	979364.53	8.3	0.0f	1.2	-225.3	-25.2	F634	72679	PB 1	CA
MAPP364	38	5.57	118	47.92	6820.0	979365.12	6.1	0.0f	1.1	-227.0	-26.8	G644	72679	PB 1	CA
MAPP365A	38	27.57	119	11.63	6524.0	979419.45	0.3	0.1f	3.4	-220.3	-27.1	C832	82480	C103A	NV
MAPP366	38	26.49	119	15.35	9841.0	979191.88	86.0	5.7f	20.8	-230.0	-37.7	G744	72779	C103A	CA
MAPP367	38	27.18	119	16.17	10010.0	979183.16	92.1	4.4f	19.1	-231.4	-39.6	G854	72779	C103A	CA
MAPP368	38	25.13	119	17.27	11658.0	979066.61	133.4	3.6f	28.3	-236.8	-44.7	H444	72779	C103A	CA
MAPP369	38	26.22	119	18.22	11671.0	979070.15	136.5	4.1f	28.3	-234.0	-42.7	G744	72779	C103A	CA
MAPP370	38	27.20	119	12.74	6889.0	979386.36	2.1	0.1f	4.3	-230.1	-36.8	G734	72779	C103A	CA
MAPP371	38	31.67	119	29.85	5537.0	979473.74	-44.2	0.2f	5.5	-229.0	-39.9	G744	72879	MCLIF	CA
MAPP372	38	30.51	119	29.57	5873.0	979448.79	-35.8	0.1f	5.7	-231.9	-42.2	G744	72879	MCLIF	CA
MAPP373	38	29.68	119	29.05	6205.0	979423.57	-28.6	1.1f	6.2	-235.6	-45.4	G744	72879	MCLIF	CA
MAPP374	38	29.26	119	29.12	6251.0	979422.67	-24.6	0.5f	6.1	-233.2	-42.8	G734	72879	MCLIF	CA
MAPP375	38	28.02	119	29.44	6502.0	979403.80	-18.0	0.3f	7.0	-234.3	-43.4	G843	8 479	MCLIF	CA
MAPP376	38	32.99	119	30.02	5164.0	979493.90	-61.0	0.5f	6.6	-232.0	-43.6	D444	72879	MCLIF	CA
MAPP377	38	32.76	119	28.80	5207.0	979494.96	-55.6	0.0f	5.0	-229.6	-40.8	Q834	72879	MCLIF	CA
MAPP378	38	31.27	119	27.32	5527.0	979473.03	-45.2	0.2f	5.8	-229.4	-39.5	F634	72879	MCLIF	CA
MAPP379	38	30.88	119	27.16	5472.0	979472.99	-49.9	1.1f	7.7	-230.3	-40.0	N334	72879	MCLIF	CA
MAPP380	38	34.21	119	27.64	5299.0	979501.84	-42.2	0.3f	5.1	-219.2	-31.4	G744	72879	MCLIF	CA
MAPP381	38	41.35	119	43.00	7583.0	979376.35	36.5	6.3f	12.5	-211.1	-32.5	G644	72979	TOPZF	CA
MAPP382	38	42.70	119	42.69	7910.0	979354.79	43.7	0.3f	7.3	-220.3	-42.4	G744	72979	TOPZF	CA
MAPP383	38	42.19	119	43.51	7691.0	979366.85	35.9	2.2f	9.6	-218.3	-40.3	G644	72979	CH99	CA
MAPP384	38	41.43	119	48.48	5660.0	979502.30	-18.4	0.7f	6.1	-206.8	-29.6	Q734	72979	CH99	CA
MAPP385	38	41.87	119	50.16	5798.0	979493.88	-14.5	3.4f	11.9	-201.8	-25.7	Q744	72979	CH99	CA
MAPP386	38	38.64	119	39.51	7125.0	979398.16	19.3	0.5f	3.7	-221.5	-40.2	G744	73079	TOPZF	CA
MAPP387	38	36.05	119	38.81	6431.0	979429.23	-11.1	1.1f	5.1	-226.8	-43.6	G634	73079	TOPZF	CA
MAPP388	38	35.48	119	38.80	6373.0	979431.53	-13.4	0.6f	5.0	-227.3	-43.7	G734	73079	CH99	CA
MAPP389	38	34.97	119	38.36	6404.0	979427.69	-13.6	0.4f	5.0	-228.5	-44.6	G634	73079	CH99	CA
MAPP390	38	37.07	119	39.06	6535.0	979426.21	-5.8	0.2f	4.4	-225.8	-43.2	Q834	73079	CH99	CA
MAPP391	38	40.67	119	44.30	5620.2	979503.11	-20.2	1.5f	8.0	-205.4	-25.9	N224	73079	CH99	CA

Table 6--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAPP392	38	41.40	119	45.89	5494.5	979510.03	-26.2	1.0f	6.0	-209.1	-30.5	N224	73079	CH99	CA
MAPP393	38	39.75	119	48.22	5840.0	979488.31	-13.0	0.9f	7.1	-206.5	-28.8	Q744	73079	CH99A	CA
MAPP394	38	40.22	119	45.80	6750.0	979432.46	16.0	1.8f	5.9	-209.8	-31.5	G644	73079	CH99A	CA
MAPP395	38	39.25	119	45.69	7347.0	979394.33	35.4	2.2f	7.1	-209.5	-31.1	G644	73079	CH99A	CA
MAPP396	38	35.78	119	26.41	6410.0	979443.78	1.9	3.7f	8.4	-209.9	-23.6	G744	73179	MCLIF	CA
MAPP397	38	38.11	119	26.40	5470.0	979508.55	-25.1	0.1f	2.4	-210.7	-25.8	X823	8 279	MCLIF	NV
MAPP398	38	35.22	119	23.58	7406.0	979382.01	34.5	1.1f	5.6	-214.0	-27.5	G744	73179	MCLIF	NV
MAPP399	38	33.26	119	22.58	8201.0	979324.26	54.4	1.5f	6.8	-220.0	-32.3	H434	73179	MCLIF	CA
MAPP400	38	32.08	119	23.13	8340.0	979311.70	56.6	0.4f	6.1	-223.2	-34.7	G744	73179	MCLIF	CA
MAPP401	38	31.61	119	20.96	8780.0	979282.79	69.7	1.1f	7.6	-223.6	-34.7	G744	73179	MCLIF	CA
MAPP402	38	29.12	119	21.29	9137.0	979251.04	75.2	1.8f	8.8	-229.0	-38.5	G854	73179	MCLIF	CA
MAPP403	38	28.43	119	21.29	9362.0	979233.33	79.6	2.8f	10.3	-230.8	-40.0	G744	73179	MCLIF	CA
MAPP404	38	38.37	119	37.77	8481.0	979305.03	53.9	1.3f	10.1	-226.6	-45.3	G644	8 179	TOPZF	CA
MAPP405	38	43.61	119	47.22	6197.0	979470.18	-3.2	0.4f	3.3	-212.8	-36.1	G734	8 179	CH99A	CA
MAPP406	38	43.73	119	45.99	5867.0	979490.77	-13.8	0.2f	3.0	-212.5	-35.2	G644	8 179	CH99A	CA
MAPP407	38	44.67	119	46.43	5626.0	979508.09	-20.5	0.1f	3.2	-210.7	-33.8	G634	8 179	CH99A	CA
MAPP408	38	45.70	119	45.99	5647.0	979510.80	-17.4	0.3f	2.9	-208.6	-32.0	G634	8 179	CH99A	CA
MAPP409	38	44.87	119	45.26	6147.0	979475.75	-4.2	1.6f	4.6	-210.8	-33.8	G644	8 179	CH99A	CA
MAPP410	38	45.22	119	47.18	5567.0	979512.48	-22.5	0.4f	3.8	-210.0	-33.6	G644	8 179	CH99A	CA
MAPP411	38	35.36	119	22.28	7522.0	979376.06	39.3	1.3f	5.0	-213.8	-27.3	G644	8 279	MCLIF	NV
MAPP412	38	37.40	119	21.49	7703.0	979360.44	37.7	1.6f	7.7	-218.8	-34.2	G744	8 279	MCLIF	NV
MAPP413	38	35.75	119	21.49	7120.0	979401.60	26.5	0.2f	3.0	-214.8	-28.5	C844	8 279	MCLIF	NV
MAPP414	38	34.41	119	19.67	7130.0	979399.82	27.6	0.9f	4.1	-213.0	-25.5	Q834	8 279	MCLIF	NV
MAPP415	38	34.49	119	17.55	7285.0	979390.50	32.7	0.1f	2.8	-214.4	-27.0	G734	8 279	MCLIF	NV
MAPP416	38	33.17	119	16.00	6940.0	979402.19	13.9	0.1f	3.8	-220.5	-31.8	G744	8 279	MCLIF	NV
MAPP417	38	33.83	119	14.51	6719.0	979422.35	12.4	0.1f	2.6	-215.7	-27.5	G754	8 279	MCLIF	NV
MAPP418	38	31.69	119	14.65	7087.0	979385.04	12.8	0.1f	3.6	-226.9	-37.1	G754	8 279	VB 3	NV
MAPP419	38	30.55	119	12.96	6835.0	979398.64	4.4	0.0f	2.8	-227.5	-36.6	G744	8 279	VB 3	NV
MAPP420	38	32.33	119	11.75	6959.0	979401.73	16.5	0.2f	2.7	-219.7	-30.4	G744	8 279	VB 3	NV
MAPP421	38	33.34	119	12.82	6470.1	979432.85	0.2	0.3f	3.0	-219.0	-30.3	N124	8 279	VB 3	NV
MAPP422	38	37.50	119	14.46	6214.0	979470.03	7.2	0.9f	3.0	-203.3	-18.1	G744	8 279	VB 3	NV
MAPP423	38	38.73	119	16.13	5562.1	979513.45	-12.5	0.3f	3.4	-200.2	-15.8	N124	8 279	VB 3	NV
MAPP424	38	44.08	119	20.51	4972.6	979552.56	-36.6	0.1f	2.3	-205.4	-25.2	N124	8 279	VB 3	NV
MAPP425	38	46.32	119	23.58	4882.0	979571.40	-29.6	0.1f	3.1	-194.4	-15.8	G634	8 279	VB 3	NV
MAPP426	38	48.75	119	23.91	4852.0	979576.90	-30.5	0.3f	5.6	-191.8	-14.9	F634	8 279	VB 3	NV
MAPP427	38	45.82	119	26.60	5712.0	979514.69	-7.6	0.2f	3.6	-200.3	-21.4	G734	8 279	TOPZF	NV
MAPP428	38	47.97	119	36.59	5964.0	979505.87	4.1	0.1f	2.3	-198.5	-21.4	G642	8 879	TOPZF	NV
MAPP429	38	47.98	119	37.58	5945.0	979507.10	3.6	0.2f	2.3	-198.5	-21.4	C734	8 379	TOPZF	NV
MAPP430	38	47.26	119	38.94	5888.0	979502.82	-5.0	0.4f	2.7	-204.7	-27.4	G643	8 379	TOPZF	NV
MAPP431	38	45.37	119	38.85	6129.0	979481.38	-1.0	2.8f	6.2	-205.3	-27.0	G644	8 379	TOPZF	CA
MAPP432	38	43.54	119	39.29	6464.0	979454.89	6.7	2.2f	6.5	-208.8	-29.8	G744	8 379	TOPZF	CA
MAPP433	38	47.68	119	40.38	5355.0	979537.66	-20.9	2.8f	6.1	-198.9	-21.7	Q734	8 379	TOPZF	NV
MAPP434	38	47.92	119	41.64	5117.0	979555.76	-25.5	1.5f	5.0	-196.5	-19.6	W754	8 379	TOPZF	NV
MAPP435	38	48.76	119	41.82	5092.0	979562.03	-22.8	1.1f	4.2	-193.7	-17.3	W744	8 379	VB 1	NV
MAPP436	38	50.77	119	41.03	5646.0	979532.03	-3.7	0.8f	2.8	-195.0	-19.7	G644	8 379	VB 1	NV
MAPP437	38	52.72	119	40.96	5032.0	979575.36	-21.0	0.3f	2.1	-192.0	-17.4	N224	8 379	VB 1	NV
MAPP438	38	53.41	119	40.08	5055.0	979575.26	-19.9	0.1f	1.8	-192.0	-17.7	F534	8 379	VB 1	NV
MAPP439	38	54.85	119	40.66	5038.0	979571.06	-27.8	0.0f	1.4	-199.7	-26.1	F534	8 379	VB 1	NV
MAPP440	38	55.35	119	41.97	4919.0	979577.63	-33.2	0.0f	1.4	-201.0	-27.8	G634	8 379	VB 1	NV
MAPP441	38	57.21	119	42.55	4866.0	979584.38	-34.2	0.0f	1.3	-200.2	-27.8	F534	8 379	VB 1	NV
MAPP442	38	57.68	119	43.37	4803.0	979588.23	-36.9	0.0f	1.3	-200.8	-28.6	F534	8 379	VB 1	NV
MAPP443	38	57.68	119	44.49	4748.0	979590.55	-39.8	0.0f	1.5	-201.6	-29.5	F534	8 379	VB 1	NV
MAPP444	38	26.04	119	29.05	7307.0	979351.95	8.7	2.3f	8.4	-233.7	-42.1	Q844	8 479	MCLIF	CA
MAPP445	38	27.19	119	29.24	6872.0	979381.57	-4.3	0.8f	6.7	-233.5	-42.3	G744	8 479	MCLIF	CA
MAPP446	38	39.68	119	32.35	5033.2	979531.59	-45.4	0.8f	5.9	-212.6	-29.3	N224	8 479	TOPZF	CA
MAPP447	38	40.32	119	32.86	4987.0	979533.19	-49.1	2.3f	9.6	-211.0	-28.2	R444	8 479	TOPZF	CA
MAPP448	38	41.16	119	32.81	4987.0	979536.24	-47.3	1.7f	9.1	-209.7	-27.4	R444	8 479	TOPZF	CA
MAPP449	38	41.88	119	32.17	4987.0	979541.90	-42.7	0.8f	5.8	-208.4	-26.5	R444	8 479	TOPZF	NV
MAPP450	38	40.75	119	31.37	4987.0	979541.55	-41.4	1.0f	4.4	-208.5	-25.8	R444	8 479	TOPZF	NV
MAPP451	38	41.53	119	30.90	4987.0	979545.72	-38.4	0.1f	3.3	-206.6	-24.4	R444	8 479	VB 2	NV

Table 6--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAPP452	38	58.56	119	45.60	4713.3	979585.96	-48.9	0.0f	1.7	-209.4	-37.8	N224	8 579	VB 1	NV
MAPP453	38	59.43	119	45.03	4712.0	979591.81	-44.5	0.0f	1.5	-205.0	-33.7	F534	8 579	VB 1	NV
MAPP454	38	59.47	119	42.24	4855.0	979589.77	-33.1	0.0f	1.2	-198.9	-27.4	G634	8 579	VB 1	NV
MAPP455	38	58.36	119	41.24	4925.0	979581.21	-33.5	0.0f	1.2	-201.7	-29.7	G634	8 579	VB 1	NV
MAPP456	38	58.56	119	40.58	4961.0	979580.68	-30.9	0.0f	1.2	-200.3	-28.5	X524	8 579	VB 1	NV
MAPP457	38	59.79	119	39.25	5107.0	979568.48	-31.2	0.0f	1.2	-205.6	-34.3	G634	8 579	VB 1	NV
MAPP458	38	58.94	119	39.11	5093.0	979571.50	-28.3	0.0f	1.2	-202.2	-30.5	G634	8 579	VB 1	NV
MAPP459	38	58.84	119	37.72	5205.0	979560.98	-28.1	0.1f	1.4	-205.6	-33.9	G634	8 579	VB 1	NV
MAPP460	38	59.55	119	38.03	5283.0	979552.72	-30.1	0.0f	1.2	-210.5	-39.1	G644	8 579	VB 1	NV
MAPP461	38	59.17	119	36.61	5400.0	979551.04	-20.2	0.1f	1.5	-204.4	-32.9	C754	8 579	VB 1	NV
MAPP462	38	58.92	119	34.81	5595.0	979554.92	2.4	0.3f	1.9	-188.0	-16.6	C744	8 579	VB 1	NV
MAPP463	38	58.91	119	33.48	5908.0	979526.64	3.5	0.6f	2.2	-197.2	-26.0	G644	8 579	VB 1	NV
MAPP464	38	58.00	119	31.82	6110.0	979522.48	19.7	0.1f	2.3	-187.9	-16.4	C734	8 579	VB 1	NV
MAPP465	38	57.75	119	30.54	6345.0	979505.96	25.6	0.5f	3.1	-189.2	-17.7	C744	8 579	VB 1	NV
MAPP466	38	57.27	119	29.41	6600.0	979484.30	28.6	0.2f	3.4	-194.6	-23.1	C734	8 579	VB 1	NV
MAPP467	38	54.87	119	29.25	7256.0	979442.16	51.7	0.3f	4.7	-192.6	-20.0	G743	8 679	VB 1	NV
MAPP468	38	55.60	119	29.40	7164.0	979446.97	46.8	0.7f	4.5	-194.6	-22.5	G744	8 579	VB 1	NV
MAPP469	38	54.16	119	28.72	7673.0	979418.65	68.4	1.7f	7.8	-187.0	-14.2	G744	8 579	VB 1	NV
MAPP470	38	57.81	119	34.70	5680.0	979544.47	1.5	0.2f	1.8	-191.9	-20.0	C743	8 679	VB 1	NV
MAPP471	38	57.50	119	36.35	5395.0	979553.48	-15.8	0.1f	1.5	-199.7	-27.5	Q744	8 579	VB 1	NV
MAPP472	38	57.25	119	38.39	5177.0	979570.00	-19.4	0.0f	1.2	-196.1	-23.7	G634	8 579	VB 1	NV
MAPP473	38	56.18	119	37.85	5222.0	979567.38	-16.2	0.0f	1.3	-194.4	-21.4	G634	8 579	VB 1	NV
MAPP474	38	56.11	119	38.94	5115.0	979571.52	-22.0	0.0f	1.3	-196.6	-23.6	G634	8 579	VB 1	NV
MAPP475	38	55.91	119	40.57	4986.0	979576.59	-28.8	0.1f	1.5	-198.8	-25.7	F534	8 579	VB 1	NV
MAPP476	38	56.32	119	41.45	4936.0	979580.66	-30.0	0.0f	1.3	-198.4	-25.6	F534	8 579	VB 1	NV
MAPP477	38	54.30	119	38.84	5255.0	979564.70	-13.0	0.0f	1.4	-192.2	-18.4	G633	8 679	VB 1	NV
MAPP478	38	54.76	119	37.62	5408.0	979557.88	-6.1	0.1f	1.5	-190.5	-16.9	G644	8 679	VB 1	NV
MAPP479	38	53.09	119	37.88	5550.0	979543.99	-4.2	0.1f	1.8	-193.2	-18.8	G644	8 679	VB 1	NV
MAPP480	38	54.04	119	37.46	5553.0	979549.14	-0.2	0.5f	2.0	-189.0	-15.1	G644	8 679	VB 1	NV
MAPP481	38	53.89	119	35.91	5660.0	979545.84	6.8	0.2f	2.1	-185.6	-11.7	C743	8 779	VB 1	NV
MAPP482	38	54.66	119	35.29	5585.0	979549.44	2.2	0.1f	1.9	-187.8	-14.2	G644	8 679	VB 1	NV
MAPP483	38	55.68	119	35.37	5560.0	979550.95	-0.1	0.0f	1.7	-189.5	-16.5	C754	8 679	VB 1	NV
MAPP484	38	56.57	119	35.50	5523.0	979549.76	-6.1	0.1f	1.7	-194.2	-21.6	C733	8 679	VB 1	NV
MAPP485	38	54.68	119	33.92	5880.0	979525.01	5.5	0.0f	2.3	-194.3	-20.8	X723	82680	VB 1	NV
MAPP486	38	54.59	119	32.66	6247.0	979492.75	7.9	0.3f	3.3	-203.4	-30.1	C843	82680	VB 1	NV
MAPP487	38	55.28	119	31.05	6800.0	979469.58	35.6	0.9f	4.8	-193.0	-20.4	C854	8 679	MCLIF	NV
MAPP488	38	53.37	119	34.68	5795.0	979531.48	5.9	0.1f	2.6	-190.6	-16.4	C733	82680	VB 1	NV
MAPP489	38	52.16	119	34.41	6115.0	979509.71	16.0	0.6f	3.6	-190.5	-15.8	C733	8 779	MCLIF	NV
MAPP490	38	50.78	119	34.95	7065.0	979451.19	48.8	0.8f	4.5	-189.2	-14.1	G744	8 679	MCLIF	NV
MAPP491	38	50.10	119	36.31	7099.0	979446.35	48.1	1.7f	6.8	-188.7	-13.2	G644	8 679	MCLIF	NV
MAPP492	38	51.04	119	32.91	6810.0	979463.44	36.7	1.2f	5.2	-191.9	-16.8	Q744	8 779	VB 1	NV
MAPP493	38	50.36	119	31.47	8137.0	979385.69	84.6	0.6f	7.7	-186.6	-11.7	G734	8 779	VB 1	NV
MAPP494	38	50.09	119	30.32	8885.0	979333.96	103.6	0.6f	13.4	-187.4	-12.6	G734	8 779	VB 1	NV
MAPP495	38	49.44	119	30.73	9021.0	979322.39	105.7	0.7f	13.9	-189.4	-14.3	G734	8 779	VB 1	NV
MAPP496	38	49.28	119	33.70	7280.0	979433.71	53.7	0.6f	4.6	-191.5	-15.5	G744	8 779	VB 1	NV
MAPP497	38	49.18	119	37.02	5908.6	979516.11	7.4	0.2f	2.7	-193.0	-16.6	B124	8 779	VB 1	NV
MAPP498	38	53.16	119	43.19	4906.0	979580.39	-28.4	0.0f	1.8	-195.4	-21.3	F534	8 779	VB 1	NV
MAPP499	38	52.56	119	44.21	4867.0	979580.70	-30.9	0.1f	2.2	-196.1	-21.9	F534	8 779	VB 1	NV
MAPP500	38	50.66	119	44.33	5098.0	979568.74	-18.3	0.1f	2.2	-191.4	-16.4	G644	8 779	VB 1	NV
MAPP501	38	50.75	119	45.20	4881.0	979578.23	-29.4	0.4f	3.3	-194.0	-19.1	G633	8 779	VB 1	NV
MAPP502	38	53.53	119	44.46	4852.0	979582.25	-32.2	0.0f	1.9	-197.1	-23.3	F534	8 779	VB 1	NV
MAPP503	38	55.51	119	44.75	4768.0	979586.82	-38.4	0.0f	1.8	-200.7	-27.8	G634	8 779	VB 1	NV
MAPP504	38	56.27	119	45.05	4742.0	979587.19	-41.6	0.0f	1.7	-203.0	-30.4	G634	8 779	VB 1	NV
MAPP505	38	58.98	119	46.71	4692.0	979581.79	-55.7	0.0f	2.0	-215.1	-43.7	D434	8 879	VB 1	NV
MAPP506	38	59.79	119	46.71	4684.0	979584.93	-54.5	0.0f	2.0	-213.7	-42.5	D433	8 879	VB 1	NV
MAPP507	38	59.90	119	49.42	4669.0	979592.51	-48.5	0.0f	4.5	-204.6	-33.8	D434	8 879	VB 1	NV
MAPP508	38	58.29	119	51.61	6560.0	979480.67	19.7	3.0f	10.1	-195.5	-25.5	G644	8 879	VB 1	NV
MAPP509	38	57.73	119	53.27	7766.0	979405.79	59.0	3.1f	12.0	-195.4	-26.2	G644	8 879	VB 1	NV
MAPP510	38	58.60	119	53.26	7334.0	979440.97	52.3	0.4f	6.1	-193.2	-24.1	F643	8 879	VB 1	NV
MAPP511	38	56.51	119	52.12	7276.0	979426.46	35.4	3.0f	14.1	-200.1	-30.1	G744	8 879	VB 1	NV

Table 6--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAPP512	38	56.97	119	47.49	4699.0	979577.15	-56.7	0.0f	2.6	-215.8	-43.8	G634	8 879	VB 1	NV
MAPP513	38	54.62	119	47.80	4714.6	979575.23	-53.7	0.0f	3.6	-212.3	-39.5	N234	8 879	VB 1	NV
MAPP514	38	52.91	119	46.41	4755.0	979575.60	-47.0	0.0f	3.1	-207.5	-33.7	G634	8 879	VB 1	NV
MAPP515	38	51.20	119	47.44	4865.3	979566.73	-43.0	0.1f	5.7	-204.6	-30.4	N224	8 879	VB 1	CA
MAPP516	38	50.22	119	47.62	5038.6	979555.94	-36.1	0.4f	7.4	-201.9	-27.5	N224	8 879	VB 1	CA
MAPP517	38	48.33	119	48.10	5635.0	979514.53	-18.7	0.4f	6.9	-205.4	-30.6	G534	8 879	VB 1	CA
MAPP518	38	48.83	119	46.77	5068.5	979551.31	-35.9	0.2f	4.7	-205.5	-30.2	B124	8 879	VB 1	CA
MAPP519	38	48.13	119	46.21	5258.0	979539.74	-28.6	0.1f	3.3	-206.0	-30.3	G634	8 879	VB 1	CA
MAPP520	38	47.85	119	44.88	5354.0	979538.27	-20.6	0.0f	2.5	-202.2	-26.1	G633	8 879	VB 1	CA
MAPP521	38	48.40	119	44.21	5602.0	979529.33	-7.1	1.0f	3.3	-196.3	-20.5	G644	8 879	MCLIF	CA
MAPP522	38	49.13	119	44.96	5047.0	979562.81	-26.8	0.4f	3.3	-197.1	-21.5	G644	8 879	MCLIF	CA
MAPP523	38	44.67	119	48.55	5905.0	979487.57	-14.9	0.1f	4.3	-213.4	-37.5	G744	8 979	CH99A	CA
MAPP524	38	46.50	119	47.86	5538.0	979512.94	-26.7	0.1f	4.2	-212.8	-37.2	G534	8 979	CH99A	CA
MAPP525	38	47.05	119	49.00	5605.0	979511.94	-22.2	1.5f	10.4	-204.5	-29.5	G634	8 979	CH99A	CA
MAPP526	38	46.48	119	54.76	7055.6	979439.00	42.0	0.6f	5.5	-194.6	-23.0	B123	8 979	CH99A	CA
MAPP527	38	51.04	119	55.80	7842.0	979394.20	64.4	0.6f	8.8	-195.7	-26.1	X744	8 979	CH99A	CA
MAPP528	38	50.77	119	57.11	7848.0	979399.00	70.2	0.6f	6.5	-192.5	-23.6	G744	8 979	CH99A	CA
MAPP529	38	45.28	119	55.42	7313.0	979422.69	51.7	0.5f	4.7	-194.5	-23.3	N334	8 979	MCLIF	CA
MAPP530	38	42.80	119	53.31	8124.0	979363.86	72.7	0.3f	5.3	-200.5	-27.9	G744	8 979	MCLIF	CA
MAPP531	38	44.50	119	51.96	9611.0	979256.11	102.1	1.3f	20.9	-206.0	-33.7	G644	8 979	MCLIF	CA
MAPP532	38	32.64	119	52.69	7242.9	979402.37	43.4	1.8f	7.4	-197.8	-23.3	N124	81079	CH101	CA
MAPP533	38	32.23	119	53.98	7068.6	979416.80	42.0	0.8f	5.8	-194.8	-21.5	B124	81079	CH101	CA
MAPP534	38	30.82	119	55.35	7955.7	979367.42	78.1	0.4f	4.2	-190.5	-19.6	N124	81079	CH101	CA
MAPP535	38	30.16	119	57.26	7968.2	979370.55	83.3	1.2f	5.4	-184.5	-16.1	N123	81079	CH115	CA
MAPP536	38	29.49	119	58.43	7886.7	979377.95	84.1	0.8f	5.2	-181.2	-14.5	N124	81079	CH115	CA
MAPP537	38	33.02	118	28.30	4569.8	979581.01	-29.8	0.0f	1.1	-185.9	-4.3	N224	8 780	PB 4	NV
MAPP538	38	32.98	118	26.24	4545.0	979583.55	-29.5	0.2f	1.5	-184.4	-2.9	G634	8 780	PB 4	NV
MAPP539	38	33.98	118	23.23	5348.0	979536.60	-2.4	2.0f	4.1	-182.1	-1.7	G634	8 780	PB 4	NV
MAPP540	38	34.87	118	25.86	4846.0	979569.05	-18.5	0.1f	1.7	-183.4	-3.2	G634	8 780	PB 4	NV
MAPP541	38	35.71	118	27.63	4741.0	979574.32	-24.3	0.1f	2.0	-185.4	-5.5	G634	8 780	PB 4	NV
MAPP542	38	36.25	118	26.55	5223.0	979548.88	-5.3	1.2f	3.2	-181.6	-2.2	G634	8 780	PB 4	NV
MAPP543	38	36.72	118	28.75	5094.0	979554.01	-12.9	0.2f	2.3	-185.8	-6.6	G634	8 780	PB 4	NV
MAPP544	38	35.81	118	28.91	4826.0	979566.21	-24.6	0.0f	1.5	-189.1	-9.2	G654	8 780	PB 4	NV
MAPP545	38	35.13	118	10.23	5194.9	979545.11	-10.0	0.2f	2.1	-186.5	-5.9	B123	8 880	VB 5	NV
MAPP546	38	36.60	118	5.46	6122.7	979487.73	17.6	0.0f	1.1	-191.6	-11.0	N122	82180	VB 5	NV
MAPP547	38	35.41	118	5.56	6524.0	979464.02	33.4	0.4f	2.2	-188.5	-7.6	G634	8 880	VB 5	NV
MAPP548	38	43.91	118	2.91	4805.7	979571.42	-33.2	0.1f	0.6	-197.9	-18.4	B123	8 880	VB 5	NV
MAPP549	38	44.21	118	1.55	4915.0	979574.63	-20.2	0.0f	0.5	-188.7	-8.8	C644	8 880	VB 5	NV
MAPP550	38	44.30	118	0.16	5153.0	979566.17	-6.4	0.1f	0.5	-183.1	-2.8	G534	8 880	VB 5	NV
MAPP551	38	44.19	118	0.68	5050.0	979569.97	-12.1	0.0f	0.5	-185.3	-5.1	G533	8 880	VB 5	NV
MAPP552	38	48.17	118	0.60	4709.0	979584.15	-35.8	0.0f	0.4	-197.4	-18.0	C534	8 880	VB 5	NV
MAPP553	38	24.46	118	35.11	5631.0	979480.93	-17.5	0.1f	2.6	-208.5	-20.2	F534	8 980	PB 4	NV
MAPP554	38	23.97	118	34.16	5418.0	979492.13	-25.7	0.2f	2.6	-209.3	-20.9	D644	8 980	PB 4	NV
MAPP555	38	23.39	118	33.03	5347.0	979491.11	-32.5	0.1f	2.1	-214.2	-25.8	G634	8 980	PB 4	NV
MAPP556	38	20.86	118	31.50	5550.0	979465.82	-35.0	0.1f	1.5	-224.2	-34.8	G734	8 980	PB 4	NV
MAPP557	38	17.94	118	31.70	5948.0	979443.39	-15.7	0.4f	2.1	-217.9	-27.1	X624	8 980	PB 4	NV
MAPP558	38	15.75	118	33.08	6132.0	979427.50	-11.1	0.1f	1.8	-219.9	-27.7	G744	8 980	PB 4	NV
MAPP559	38	19.44	118	37.41	6540.0	979405.51	-0.2	2.0f	6.2	-218.6	-27.0	D644	8 980	PB 4	NV
MAPP560	38	19.67	118	35.64	6055.0	979432.33	-19.3	0.1f	2.8	-224.5	-33.4	F534	8 980	PB 4	NV
MAPP561	38	44.48	118	28.54	5613.1	979543.07	13.5	0.0f	0.7	-178.7	-4.4	N122	81280	HAWTH	NV
MAPP562	38	46.49	118	27.71	5318.5	979561.91	1.7	0.0f	0.5	-180.6	-7.4	N224	81080	HAWTH	NV
MAPP563	38	49.95	118	22.89	4580.9	979611.29	-23.4	0.1f	0.6	-180.3	-8.4	N123	81080	HAWTH	NV
MAPP564	38	50.29	118	15.16	4227.0	979634.91	-33.5	0.0f	0.4	-178.6	-5.1	C634	81080	HAWTH	NV
MAPP565	38	49.81	118	14.20	4256.0	979632.44	-32.5	0.0f	0.5	-178.5	-4.6	G534	81080	HAWTH	NV
MAPP566	38	50.20	118	13.99	4235.0	979637.14	-30.4	0.0f	0.4	-175.7	-1.9	G532	81480	HAWTH	NV
MAPP567	38	51.26	118	14.03	4210.0	979650.91	-20.5	0.0f	0.3	-165.1	8.2	C644	81080	HAWTH	NV
MAPP568	38	51.62	118	13.88	4197.0	979654.16	-19.0	0.0f	0.3	-163.2	10.1	Q534	81080	HAWTH	NV
MAPP569	38	52.12	118	13.85	4193.0	979656.22	-18.1	0.1f	0.3	-162.1	11.0	X533	81080	HAWTH	NV
MAPP570	38	52.75	118	13.69	4169.0	979657.83	-19.7	0.1f	0.4	-162.8	10.1	G534	81080	HAWTH	NV
MAPP571	38	53.50	118	13.14	4150.0	979658.32	-22.1	0.1f	0.4	-164.5	8.3	C643	81080	HAWTH	NV

Table 6--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAPP572	38	53.75	118	12.35	4154.0	979657.91	-22.5	0.1f	0.4	-165.0	7.9	G533	81080	HAWTH	NV
MAPP573	38	54.13	118	13.23	4136.0	979644.32	-38.3	0.0f	0.2	-180.4	-7.9	C654	81080	HAWTH	NV
MAPP574	38	54.69	118	13.99	4130.0	979638.20	-45.8	0.0f	0.2	-187.8	-15.7	C643	81080	HAWTH	NV
MAPP575	38	54.45	118	11.66	4141.8	979655.24	-27.3	0.0f	0.4	-169.5	3.6	N123	81080	HAWTH	NV
MAPP576	38	55.33	118	12.23	4112.2	979641.12	-45.5	0.0f	0.3	-186.7	-14.2	N123	81080	HAWTH	NV
MAPP577	38	54.93	118	11.57	4145.0	979653.98	-29.0	0.0f	0.4	-171.3	1.6	G534	81080	HAWTH	NV
MAPP578	38	55.16	118	11.13	4155.6	979658.26	-24.0	0.1f	0.5	-166.5	6.4	N123	81080	HAWTH	NV
MAPP579	38	56.60	118	10.95	4160.0	979646.34	-37.7	0.0f	0.7	-180.1	-7.4	G533	81080	HAWTH	NV
MAPP580	38	57.19	118	10.75	4164.0	979642.70	-41.8	0.0f	1.0	-184.1	-11.5	G634	81080	HAWTH	NV
MAPP581	38	59.21	118	10.71	4432.0	979628.45	-33.8	0.0f	1.3	-185.1	-13.1	X633	81080	HAWTH	NV
MAPP582	38	58.20	118	10.58	4255.0	979637.06	-40.4	0.0f	1.3	-185.5	-13.2	C644	81080	HAWTH	NV
MAPP583	38	56.99	118	11.48	4137.0	979639.87	-46.9	0.0f	0.7	-188.6	-16.3	C654	81080	HAWTH	NV
MAPP584	38	56.67	118	11.36	4139.0	979642.99	-43.1	0.0f	0.6	-184.9	-12.5	G534	81080	HAWTH	NV
MAPP585	38	56.48	118	11.64	4116.0	979642.00	-46.0	0.0f	0.6	-187.1	-14.7	G534	81080	HAWTH	NV
MAPP586	38	57.11	118	13.14	4109.0	979642.90	-46.7	0.0f	0.5	-187.6	-16.0	C644	81080	HAWTH	NV
MAPP587	38	58.41	118	14.47	4210.0	979649.75	-32.2	0.0f	0.7	-176.4	-5.7	C634	81080	HAWTH	NV
MAPP588	38	57.95	118	15.40	4158.0	979652.89	-33.3	0.0f	0.6	-175.8	-5.2	Q634	81080	HAWTH	NV
MAPP589	38	58.46	118	17.14	4323.0	979646.32	-25.1	0.1f	0.7	-173.1	-3.4	C634	81080	HAWTH	NV
MAPP590	38	58.86	118	17.97	4415.0	979646.90	-16.5	0.1f	0.9	-167.5	1.8	C634	81080	HAWTH	NV
MAPP591	38	59.19	118	19.11	4537.0	979640.00	-12.4	0.1f	0.8	-167.7	1.2	C634	81080	HAWTH	NV
MAPP592	38	36.29	118	34.55	4301.0	979583.93	-56.9	0.0f	1.6	-203.4	-23.1	X524	81180	HAWTH	NV
MAPP593	38	37.10	118	31.27	5067.0	979551.43	-18.6	0.3f	2.4	-190.5	-11.4	G644	81180	HAWTH	NV
MAPP594	38	38.74	118	31.49	5690.0	979518.72	4.8	1.0f	3.9	-186.8	-8.9	Q744	81180	HAWTH	NV
MAPP595	38	39.72	118	30.73	6430.0	979475.50	29.7	1.1f	3.9	-187.2	-10.2	Q734	81180	HAWTH	NV
MAPP596	38	41.41	118	29.66	6320.0	979486.14	27.5	0.1f	2.0	-187.6	-11.6	Q734	81180	HAWTH	NV
MAPP597	38	41.08	118	28.22	6502.0	979474.28	33.2	0.5f	2.5	-187.5	-11.4	G634	81180	HAWTH	NV
MAPP598	38	44.61	118	31.55	5417.0	979550.44	2.2	0.0f	0.8	-183.1	-8.9	G633	81180	HAWTH	NV
MAPP599	38	44.11	118	33.10	5350.0	979550.51	-3.3	0.0f	1.2	-186.0	-11.5	C744	81180	HAWTH	NV
MAPP600	38	51.86	118	25.21	4557.0	979620.77	-18.9	0.1f	0.5	-175.2	-4.5	Q744	81180	HAWTH	NV
MAPP601	38	53.77	118	22.84	4150.8	979643.31	-37.4	0.0f	0.4	-179.8	-9.5	N124	81180	HAWTH	NV
MAPP602	38	58.71	118	21.75	4594.0	979626.50	-19.8	0.2f	0.6	-177.2	-9.0	G634	81180	HAWTH	NV
MAPP603	38	59.59	118	22.36	4745.0	979621.56	-11.9	0.0f	0.7	-174.4	-6.7	Q644	81180	HAWTH	NV
MAPP604	38	59.41	118	25.16	5300.0	979585.04	4.0	0.2f	1.1	-177.1	-10.1	C744	81180	HAWTH	NV
MAPP605	38	59.69	118	23.72	5090.0	979598.97	-2.2	0.1f	0.7	-176.5	-9.3	C744	81180	HAWTH	NV
MAPP606	38	34.81	118	20.21	4800.0	979562.84	-28.9	0.1f	2.1	-191.9	-11.7	C753	81280	PB 4	NV
MAPP607	38	36.97	118	21.28	5761.0	979515.46	10.8	1.0f	3.6	-183.5	-4.8	G634	81280	PB 4	NV
MAPP608	38	38.32	118	20.63	6977.0	979444.63	52.3	0.9f	4.6	-182.6	-4.8	G634	81280	PB 4	NV
MAPP609	38	44.13	118	24.62	5625.0	979534.49	6.6	0.1f	0.9	-185.9	-11.2	Q734	81280	PB 4	NV
MAPP610	38	48.69	118	26.47	5305.0	979568.97	4.2	0.1f	0.8	-177.3	-5.3	Q744	81280	PB 4	NV
MAPP611	38	50.59	118	24.90	4715.0	979610.58	-12.4	0.1f	0.6	-174.0	-2.6	Q754	81280	PB 4	NV
MAPP612	38	52.21	118	21.05	4188.0	979628.71	-46.2	0.0f	0.3	-190.0	-18.8	G644	81280	PB 4	NV
MAPP613	38	50.67	118	18.42	4203.0	979627.94	-43.3	0.0f	0.3	-187.6	-15.1	C654	81280	PB 4	NV
MAPP614	38	50.44	118	16.35	4222.0	979630.09	-39.0	0.0f	0.4	-184.0	-10.9	G634	81280	PB 4	NV
MAPP615	38	51.27	118	13.10	4240.0	979649.57	-19.1	0.0f	0.3	-164.7	8.9	G544	81280	PB 4	NV
MAPP616	38	52.89	118	11.87	4249.6	979649.21	-20.9	0.1f	0.4	-166.8	6.5	N123	81280	PB 4	NV
MAPP617	38	51.54	118	12.19	4257.0	979648.35	-19.1	0.1f	0.3	-165.3	8.5	Q644	81280	PB 4	NV
MAPP618	38	51.40	118	9.94	4260.0	979627.52	-39.4	0.0f	0.2	-185.8	-11.2	N123	81280	PB 4	NV
MAPP619	38	50.97	118	8.93	4283.0	979625.36	-38.8	0.0f	0.2	-186.0	-10.9	Q534	81280	PB 4	NV
MAPP620	38	50.25	118	6.40	4347.8	979611.09	-45.9	0.0f	0.3	-195.2	-18.9	N123	81280	PB 4	NV
MAPP621	38	49.88	118	3.88	4453.0	979597.88	-48.7	0.0f	0.3	-201.6	-24.2	C644	81280	PB 4	NV
MAPP622	38	48.97	118	3.41	4524.0	979598.67	-39.9	0.0f	0.3	-195.2	-17.3	C544	81280	PB 4	NV
MAPP623	38	47.52	118	3.02	4640.0	979589.47	-36.1	0.0f	0.4	-195.3	-16.9	C544	81280	PB 4	NV
MAPP624	38	46.23	118	2.74	4725.0	979579.25	-36.4	0.0f	0.4	-198.5	-19.7	G633	81280	PB 4	NV
MAPP625	38	45.63	118	2.63	4748.0	979573.25	-39.3	0.0f	0.4	-202.2	-23.1	Q544	81280	PB 4	NV
MAPP626	38	55.11	117	58.71	4676.2	979588.43	-44.9	0.0f	0.4	-205.3	-26.4	H224	81380	VB 5	NV
MAPP627	38	56.33	118	2.73	5156.4	979555.82	-34.1	0.0f	0.3	-211.1	-34.9	N123	81380	VB 5	NV
MAPP628	38	55.84	118	3.66	5153.1	979555.43	-34.1	0.0f	0.4	-211.0	-35.1	N123	81380	VB 5	NV
MAPP629	38	55.42	118	3.77	5207.0	979550.33	-33.5	0.3f	0.8	-211.8	-35.9	G534	81380	VB 5	NV
MAPP630	38	54.33	118	1.49	4799.0	979574.89	-45.7	0.0f	0.3	-210.5	-33.1	G534	81380	VB 5	NV
MAPP631	38	54.16	118	0.82	4710.0	979579.72	-49.0	0.0f	0.3	-210.7	-32.8	G534	81380	VB 5	NV

Table 6--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAPP632	38	55.91	118	4.60	4955.4	979573.39	-34.8	0.0f	0.3	-204.9	-29.5	N123	81380	VB 5	NV
MAPP633	38	56.01	118	5.79	4750.5	979595.19	-32.4	0.0f	0.4	-195.5	-20.6	N123	81380	VB 5	NV
MAPP634	38	56.06	118	6.56	4650.0	979607.70	-29.5	0.0f	0.5	-188.9	-14.4	G533	81380	VB 5	NV
MAPP635	38	57.09	118	5.74	4800.0	979596.19	-28.4	0.0f	0.6	-192.9	-18.2	G633	81380	VB 5	NV
MAPP636	38	57.80	118	7.30	5280.0	979585.09	4.6	0.7f	2.1	-174.8	-1.2	C744	81380	HAWTH	NV
MAPP637	38	57.50	118	6.36	4937.0	979595.43	-16.9	0.1f	0.9	-185.8	-11.5	Q634	81380	HAWTH	NV
MAPP638	38	59.83	118	2.75	5101.0	979570.60	-29.7	0.1f	0.3	-204.8	-29.1	G634	81380	HAWTH	NV
MAPP639	38	58.78	118	4.21	5075.0	979571.75	-29.5	0.0f	0.4	-203.6	-28.6	Q634	81380	HAWTH	NV
MAPP640	38	57.95	118	5.04	4925.0	979584.89	-29.2	0.0f	0.5	-198.0	-23.2	C634	81380	HAWTH	NV
MAPP641	38	56.11	118	7.08	4609.0	979615.81	-25.3	0.0f	0.6	-183.2	-8.9	D434	81380	HAWTH	NV
MAPP642	38	56.00	118	7.57	4605.0	979619.28	-22.0	0.1f	0.7	-179.8	-5.6	G644	81380	HAWTH	NV
MAPP643	38	56.08	118	8.17	4517.6	979626.61	-23.0	0.0f	0.9	-177.6	-3.8	N123	81380	HAWTH	NV
MAPP644	38	55.70	118	6.93	4582.0	979613.39	-29.6	0.0f	0.4	-186.8	-12.4	G534	81380	HAWTH	NV
MAPP645	38	55.38	118	5.69	4741.0	979591.02	-36.6	0.0f	0.3	-199.3	-24.3	G534	81380	HAWTH	NV
MAPP646	38	54.88	118	7.93	4440.0	979621.76	-33.4	0.0f	0.3	-185.8	-11.6	G644	81380	HAWTH	NV
MAPP647	38	54.21	118	8.36	4358.0	979623.30	-38.6	0.0f	0.3	-188.3	-13.9	C634	81380	HAWTH	NV
MAPP648	38	56.16	118	9.46	4339.0	979642.69	-23.8	0.2f	1.3	-171.9	1.4	G634	81380	HAWTH	NV
MAPP649	38	56.50	118	10.08	4266.4	979649.72	-24.1	0.2f	1.3	-169.7	3.3	N123	81380	HAWTH	NV
MAPP650	38	38.81	118	13.74	6581.7	979471.17	41.0	0.9f	3.5	-181.6	-3.2	N124	81480	VB 5	NV
MAPP651	38	39.24	118	14.36	6955.1	979445.09	49.3	0.4f	3.1	-186.3	-8.4	N123	81480	VB 5	NV
MAPP652	38	38.65	118	15.39	7770.0	979388.42	70.1	1.4f	10.7	-185.7	-7.9	G634	81480	VB 5	NV
MAPP653	38	40.60	118	15.55	6362.2	979482.42	29.0	0.5f	2.1	-187.4	-10.2	N323	81480	VB 5	NV
MAPP654	38	42.03	118	13.96	6080.0	979506.72	24.6	0.2f	2.0	-182.2	-5.2	Q734	81480	VB 5	NV
MAPP655	38	43.00	118	12.54	5673.0	979531.08	9.3	0.6f	2.5	-183.1	-6.2	Q734	81480	VB 5	NV
MAPP656	38	42.11	118	15.36	6275.0	979495.12	31.2	0.2f	1.8	-182.5	-5.8	Q734	81480	VB 5	NV
MAPP657	38	43.59	118	16.32	5912.0	979522.10	21.9	0.6f	2.2	-179.0	-3.1	Q734	81480	PB 4	NV
MAPP658	38	44.57	118	20.77	5305.0	979557.34	-1.3	1.2f	3.2	-180.5	-5.6	Q734	81480	PB 4	NV
MAPP659	38	48.98	118	13.97	4318.0	979628.47	-29.5	0.1f	1.0	-177.0	-2.7	Q634	81480	PB 4	NV
MAPP660	38	46.67	118	10.64	4527.0	979601.85	-33.0	0.0f	0.8	-188.0	-11.9	G534	81480	PB 4	NV
MAPP661	38	46.05	118	12.27	4900.0	979582.21	-16.7	0.3f	1.7	-183.5	-7.7	Q644	81480	PB 4	NV
MAPP662	38	14.11	118	19.03	4958.8	979495.03	-51.4	0.0f	2.4	-219.6	-30.8	N122	81880	AMINA	NV
MAPP663	38	15.18	118	22.99	5440.0	979468.99	-33.8	2.2f	6.4	-214.5	-25.0	Q744	81580	AMINA	NV
MAPP664	38	14.30	118	24.78	5595.0	979462.81	-24.2	3.3f	6.2	-210.2	-19.9	Q734	81580	AMINA	NV
MAPP665	38	14.27	118	26.14	5985.0	979439.88	-10.4	0.1f	2.4	-213.6	-23.0	G634	81580	AMINA	NV
MAPP666	38	12.89	118	25.54	6540.0	979402.28	6.2	0.9f	3.6	-214.8	-24.1	C734	81580	AMINA	NV
MAPP667	38	12.33	118	27.57	6659.0	979397.03	13.0	0.3f	2.4	-213.3	-21.7	G634	81580	AMINA	NV
MAPP668	38	11.62	118	28.72	6305.0	979418.31	2.0	0.3f	2.2	-212.4	-20.0	C733	81580	AMINA	NV
MAPP669	38	11.77	118	30.91	6198.0	979420.73	-5.9	0.7f	2.6	-216.1	-22.9	G744	81580	AMINA	NV
MAPP670	38	9.59	118	31.69	5715.0	979441.57	-27.2	0.0f	1.7	-221.9	-27.4	G734	81580	AMINA	NV
MAPP671	38	8.15	118	31.63	5655.0	979450.55	-21.8	0.0f	1.6	-214.5	-19.5	C744	81580	AMINA	NV
MAPP672	38	7.05	118	32.63	5715.0	979441.96	-23.1	0.1f	2.1	-217.5	-21.7	G744	81580	AMINA	NV
MAPP673	38	5.52	118	34.85	5875.0	979426.38	-21.4	0.7f	3.7	-219.6	-22.6	C744	81580	AMINA	NV
MAPP674	38	4.73	118	35.35	6060.0	979412.25	-17.0	0.7f	3.5	-221.7	-24.4	C734	81580	AMINA	NV
MAPP675	38	7.81	118	30.45	5800.0	979448.33	-9.9	0.3f	1.6	-207.6	-12.9	C634	81580	AMINA	NV
MAPP676	38	7.39	118	29.58	5873.0	979443.60	-7.1	0.1f	1.2	-207.7	-13.2	Q634	81580	AMINA	NV
MAPP677	38	7.76	118	27.48	5485.0	979464.61	-23.1	0.2f	2.0	-209.7	-15.9	C734	81580	AMINA	NV
MAPP678	38	6.14	118	27.80	5760.0	979441.18	-18.3	0.7f	2.2	-214.0	-19.7	Q634	81580	AMINA	NV
MAPP679	38	8.34	118	26.75	5345.0	979476.18	-25.5	0.3f	2.6	-206.8	-13.4	Q734	81580	AMINA	NV
MAPP680	38	10.78	118	23.97	4937.0	979501.81	-41.8	0.7f	3.3	-208.3	-16.8	C644	81580	AMINA	NV
MAPP681	38	30.93	118	20.84	4715.0	979565.69	-28.4	0.2f	1.9	-188.7	-6.5	C754	81680	PB 4	NV
MAPP682	38	29.18	118	19.90	5720.0	979504.46	7.4	1.1f	3.4	-185.7	-3.1	Q744	81680	PB 4	NV
MAPP683	38	29.84	118	21.12	5075.0	979547.30	-11.3	0.4f	2.7	-183.1	-0.5	Q734	81680	VB 5	NV
MAPP684	38	29.57	118	22.75	5415.0	979528.52	2.2	0.2f	1.7	-182.2	0.6	Q744	81680	VB 5	NV
MAPP685	38	29.76	118	13.57	5274.0	979532.52	-7.3	0.7f	2.2	-186.4	-4.1	G634	81680	VB 5	NV
MAPP686	38	27.16	118	13.56	6425.0	979458.34	30.5	0.4f	3.3	-186.9	-4.0	C734	81680	VB 5	NV
MAPP687	38	28.19	118	14.24	6025.0	979486.02	19.1	0.5f	3.2	-184.7	-2.1	C744	81680	VB 5	NV
MAPP688	38	29.91	118	9.58	4440.0	979562.84	-55.6	0.0f	1.8	-206.6	-24.0	C644	81680	VB 5	NV
MAPP689	38	30.37	118	6.36	5122.0	979541.01	-14.0	0.7f	3.6	-186.5	-4.0	G634	81680	VB 5	NV
MAPP690	38	30.33	118	7.62	4619.0	979560.11	-42.1	0.1f	2.4	-198.5	-16.0	G634	81680	VB 5	NV
MAPP691	38	30.70	118	9.44	4439.0	979564.50	-55.2	0.0f	1.8	-206.1	-23.7	C734	81680	VB 5	NV

Table 6--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAPP692	38	30.53	118	16.37	5055.0	979546.03	-15.5	0.3f	2.0	-187.3	-5.2	C744	81680	VB 5	NV
MAPP693	38	29.05	118	16.40	5986.0	979487.59	15.7	0.3f	3.0	-187.0	-4.6	G634	81680	PB 4	NV
MAPP694	38	28.61	118	17.74	6555.0	979451.70	34.0	1.4f	5.1	-186.0	-3.6	Q834	81680	PB 4	NV
MAPP695	38	25.74	118	24.66	6140.0	979478.23	25.7	0.3f	1.8	-183.5	1.3	Q744	81780	PB 4	NV
MAPP696	38	25.30	118	23.41	5990.0	979490.17	24.2	0.3f	1.5	-180.1	4.7	Q744	81780	PB 4	NV
MAPP697	38	24.26	118	23.12	6156.0	979475.36	26.5	0.4f	1.5	-183.5	1.8	G634	81780	PB 4	NV
MAPP698	38	25.11	118	20.91	5798.8	979495.16	11.5	0.0f	1.0	-186.8	-2.2	N122	81780	PB 4	NV
MAPP699	38	27.39	118	18.44	8014.0	979349.82	71.0	2.1f	13.9	-190.0	-7.3	V324	81780	PB 4	NV
MAPP700	38	23.18	118	17.35	5705.0	979489.69	0.0	0.0f	0.8	-195.2	-10.3	F633	81780	AMINA	NV
MAPP701	38	24.25	118	17.48	5975.0	979477.63	11.8	0.0f	1.0	-192.5	-8.0	Q734	81780	AMINA	NV
MAPP702	38	27.07	118	15.67	7678.0	979375.86	65.9	0.3f	7.6	-189.8	-7.2	C734	81780	AMINA	NV
MAPP703	38	25.74	118	16.36	6600.0	979439.29	30.0	0.4f	2.9	-193.7	-10.3	C734	81780	AMINA	NV
MAPP704	38	25.87	118	12.87	6145.0	979465.69	13.5	0.3f	2.5	-195.1	-11.8	C744	81780	AMINA	NV
MAPP705	38	23.11	118	10.46	5647.0	979494.84	-0.2	0.1f	1.0	-193.2	-9.1	C734	81780	AMINA	NV
MAPP706	38	22.75	118	9.35	5350.0	979513.41	-9.0	0.9f	2.0	-190.9	-6.8	C744	81780	AMINA	NV
MAPP707	38	13.75	118	11.92	5413.0	979494.39	-8.9	0.1f	1.7	-193.2	-6.7	N223	81880	AMINA	NV
MAPP708	38	13.93	118	12.38	5654.0	979481.84	1.0	0.9f	2.5	-190.9	-4.4	N333	81880	AMINA	NV
MAPP709	38	13.13	118	10.91	5171.0	979506.26	-18.8	0.1f	1.6	-195.1	-8.6	D434	81880	AMINA	NV
MAPP710	38	12.22	118	11.36	5265.0	979498.01	-16.9	1.5f	3.4	-194.5	-7.8	Q734	81880	AMINA	NV
MAPP711	38	8.51	118	21.31	5260.0	979482.81	-27.2	0.0f	1.3	-206.7	-15.4	C732	81880	AMINA	NV
MAPP712	38	7.75	118	23.38	5430.0	979471.26	-21.6	0.4f	1.9	-206.4	-14.2	Q734	81880	AMINA	NV
MAPP713	38	4.03	118	25.56	6115.0	979419.68	-3.4	0.6f	2.2	-211.2	-17.1	Q744	81880	AMINA	NV
MAPP714	38	4.87	118	24.76	5880.0	979437.73	-8.6	0.1f	1.6	-209.1	-15.5	Q744	81880	AMINA	NV
MAPP715	38	5.69	118	24.17	5727.0	979447.70	-14.3	0.1f	1.5	-209.5	-16.3	Q644	81880	AMINA	NV
MAPP716	38	6.90	118	24.13	5568.0	979458.44	-20.2	0.6f	2.0	-209.6	-16.8	Q634	81880	AMINA	NV
MAPP717	38	1.63	118	14.48	6350.0	979412.38	14.9	0.0f	1.3	-201.9	-11.5	G644	81980	AMINA	NV
MAPP718	38	2.81	118	13.96	6485.0	979405.95	19.5	0.4f	2.0	-201.3	-11.5	Q744	81980	AMINA	NV
MAPP719	38	0.10	118	11.01	5731.0	979452.25	-1.1	0.1f	1.8	-196.3	-6.8	F533	81980	AMINA	NV
MAPP720	38	2.48	118	10.72	7931.0	979309.01	58.9	2.2f	11.2	-201.9	-13.9	G634	81980	AMINA	NV
MAPP721	38	1.51	118	11.38	6425.0	979414.45	24.2	0.9f	3.6	-192.8	-3.8	Q744	81980	AMINA	NV
MAPP722	38	0.33	118	9.25	5465.0	979471.25	-7.5	0.1f	2.6	-192.8	-4.0	Q634	81980	AMINA	NV
MAPP723	38	2.13	118	0.33	4525.0	979506.46	-63.3	0.0f	0.6	-218.3	-33.1	G534	81980	AMINA	NV
MAPP724	38	4.09	118	0.62	4513.0	979514.05	-59.7	0.0f	0.6	-214.3	-29.3	Q534	81980	AMINA	NV
MAPP725	38	4.96	118	0.56	4511.0	979521.34	-53.8	0.0f	0.6	-208.4	-23.5	C544	81980	AMINA	NV
MAPP726	38	5.01	118	2.17	4551.7	979525.50	-45.9	0.0f	0.9	-201.6	-16.3	B124	81980	AMINA	NV
MAPP727	38	5.31	118	3.51	4735.0	979515.09	-39.5	0.1f	1.2	-201.2	-15.5	C634	81980	AMINA	NV
MAPP728	38	5.71	118	6.76	5275.0	979482.18	-22.3	0.2f	2.2	-201.4	-14.8	Q644	81980	AMINA	NV
MAPP729	38	6.11	118	8.35	5670.0	979460.18	-7.7	0.2f	2.3	-200.3	-13.3	C744	81980	AMINA	NV
MAPP730	38	6.22	118	9.47	5950.0	979447.11	5.4	0.4f	2.4	-196.7	-9.4	Q734	81980	AMINA	NV
MAPP731	38	6.34	118	10.83	6265.0	979428.37	16.0	0.2f	1.8	-197.4	-9.7	Q734	81980	AMINA	NV
MAPP732	38	7.96	118	10.86	6055.0	979440.81	6.4	0.5f	1.7	-199.9	-12.6	Q744	81980	AMINA	NV
MAPP733	38	21.37	118	56.04	6230.0	979413.24	-24.4	0.2f	2.1	-236.3	-40.8	Q844	82080	PB 4	NV
MAPP734	38	20.32	118	55.93	6530.0	979392.57	-15.3	0.5f	2.5	-237.0	-41.1	Q844	82080	PB 4	NV
MAPP735	38	20.38	118	57.51	6400.0	979406.12	-14.1	1.5f	4.5	-229.4	-33.1	Q844	82080	PB 4	NV
MAPP736	38	21.94	118	57.13	6105.0	979419.99	-30.2	0.5f	2.6	-237.3	-41.9	Q844	82080	PB 4	NV
MAPP737	38	23.92	118	56.15	5930.0	979440.24	-29.3	0.0f	1.5	-231.5	-37.5	C834	82080	PB 4	NV
MAPP738	38	24.64	118	55.86	6030.0	979439.01	-22.2	0.0f	1.4	-228.0	-34.6	C844	82080	PB 4	NV
MAPP739	38	26.09	118	56.14	6015.0	979445.33	-19.5	0.0f	1.5	-224.6	-32.2	Q844	82080	C103A	NV
MAPP740	38	28.42	118	57.80	6865.0	979398.30	10.0	3.5f	8.1	-217.6	-27.0	H224	82080	C103A	NV
MAPP741	38	29.48	118	58.33	5340.0	979498.81	-34.4	1.3f	5.4	-212.6	-22.0	G744	82080	C103A	NV
MAPP742	38	28.52	118	59.79	5460.0	979488.89	-31.6	0.6f	4.5	-214.8	-23.3	W844	82080	C103A	NV
MAPP743	38	27.28	119	0.05	5540.0	979482.68	-28.5	0.5f	3.1	-215.8	-23.3	W844	82080	C103A	NV
MAPP744	38	40.12	118	3.93	5295.0	979535.14	-17.9	0.1f	1.0	-198.9	-18.7	Q634	82180	PB 4	NV
MAPP745	38	40.87	118	2.58	5079.0	979548.51	-26.0	0.0f	0.8	-199.9	-19.4	Q644	82180	PB 4	NV
MAPP746	38	41.72	118	1.67	4933.0	979565.62	-23.8	0.1f	1.0	-192.5	-11.9	Q644	82180	PB 4	NV
MAPP747	38	41.35	118	0.72	4980.0	979566.15	-18.3	0.3f	1.3	-188.3	-7.3	Q634	82180	PB 4	NV
MAPP748	38	42.44	118	2.13	4871.0	979567.33	-29.0	0.1f	0.9	-195.6	-15.4	G534	82180	PB 4	NV
MAPP749	38	38.13	118	6.80	5980.0	979499.07	13.3	0.3f	1.7	-190.5	-10.5	Q634	82180	PB 4	NV
MAPP750	38	28.98	118	40.06	5080.0	979535.76	-21.1	0.6f	5.6	-190.2	-3.6	Q744	82180	PB 4	NV
MAPP751	38	27.22	118	38.30	5262.0	979515.51	-21.7	0.1f	3.4	-199.3	-11.9	G633	82180	PB 4	NV

Table 6--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAPP752	38	25.83	118	37.22	5615.0	979485.47	-16.5	0.1f	3.7	-205.8	-18.0	Q734	82180	PB 4	NV
MAPP753	38	22.41	118	34.75	5903.0	979455.71	-14.2	0.2f	3.4	-213.6	-24.3	G744	82180	PB 1	NV
MAPP754	38	17.38	118	35.91	5912.0	979435.54	-26.1	0.0f	3.1	-226.2	-33.7	Q734	82180	PB 1	NV
MAPP755	38	35.04	119	6.06	7680.0	979373.71	52.3	0.4f	4.1	-207.1	-21.0	C854	82280	C103A	NV
MAPP756	38	36.04	119	7.95	7410.0	979398.78	50.5	1.1f	4.1	-199.6	-14.1	Q844	82280	C103A	NV
MAPP757	38	36.97	119	7.55	7770.0	979380.61	64.8	0.6f	4.3	-197.4	-13.0	Q844	82280	C103A	NV
MAPP758	38	37.94	119	7.40	8110.0	979361.99	76.7	0.1f	5.1	-196.3	-12.9	C844	82280	C103A	NV
MAPP759	38	38.64	119	7.44	8265.0	979353.76	82.0	0.2f	6.5	-194.9	-12.1	C844	82280	C103A	NV
MAPP760	38	38.78	119	6.46	8260.0	979352.61	80.1	0.3f	7.8	-195.2	-12.7	C844	82280	VB 3	NV
MAPP761	38	39.29	119	19.34	5710.0	979503.26	-9.6	0.3f	3.8	-202.0	-18.0	G633	82280	VB 3	NV
MAPP762	38	37.84	119	19.99	6115.0	979466.87	-5.8	2.6f	8.7	-207.2	-22.1	Q844	82280	VB 3	NV
MAPP763	38	40.27	119	19.38	5525.0	979518.51	-13.1	0.1f	2.6	-200.5	-17.3	G744	82280	VB 3	NV
MAPP764	38	41.48	119	19.21	5265.0	979535.66	-22.2	0.0f	2.3	-201.0	-18.7	C854	82280	VB 3	NV
MAPP765	38	43.05	119	19.16	5032.0	979548.37	-33.7	0.0f	1.9	-204.9	-23.9	F634	82280	VB 3	NV
MAPP766	38	45.49	119	18.71	4886.0	979556.79	-42.6	0.0f	1.2	-209.5	-30.6	F534	82280	VB 3	NV
MAPP767	38	45.95	119	19.69	4869.0	979556.74	-44.9	0.0f	1.2	-211.2	-32.6	F534	82280	VB 3	NV
MAPP768	38	31.86	119	12.98	6732.1	979410.71	4.9	0.1f	2.6	-223.6	-33.8	N224	82380	C103A	NV
MAPP769	38	36.07	119	14.04	6023.1	979472.32	-6.4	1.3f	4.5	-208.8	-22.2	N124	82380	C103A	NV
MAPP770	38	36.89	119	16.55	6325.0	979460.97	9.5	0.7f	4.3	-203.5	-17.7	Q834	82380	VB 3	NV
MAPP771	38	52.02	119	20.00	4790.0	979589.34	-28.7	0.0f	0.9	-192.5	-18.5	F534	82380	VB 3	NV
MAPP772	38	40.86	119	15.58	5445.0	979533.81	-6.2	0.0f	2.2	-191.2	-8.7	C844	82380	VB 3	NV
MAPP773	38	41.28	119	13.83	5920.0	979501.32	5.3	0.4f	2.9	-195.2	-13.3	Q844	82380	C103A	NV
MAPP774	38	21.54	119	12.03	6308.0	979404.64	-25.9	1.2f	7.9	-234.7	-37.5	W844	82480	C103A	CA
MAPP775	38	23.90	119	10.46	6065.0	979432.00	-24.9	0.6f	6.1	-227.1	-31.2	W844	82480	C103A	CA
MAPP776	38	27.09	119	11.64	6616.0	979410.68	0.9	0.1f	3.4	-222.9	-29.4	G734	82480	C103A	NV
MAPP777	38	25.14	119	14.30	8608.0	979267.66	47.9	2.3f	10.7	-236.4	-42.6	G744	82480	C103A	CA
MAPP778	38	25.10	119	15.78	10278.0	979163.60	100.8	1.4f	16.8	-234.0	-41.1	G744	82480	C103A	CA
MAPP779	38	24.09	119	16.80	10810.0	979127.99	116.6	2.7f	19.7	-233.4	-40.2	G744	82480	C103A	CA
MAPP780	38	22.86	118	58.14	6075.0	979428.84	-25.6	0.1f	1.9	-232.4	-37.4	Q844	82580	C103A	NV
MAPP781	38	20.28	119	0.39	7040.0	979369.15	9.2	0.9f	3.3	-229.1	-32.5	Q844	82580	C103A	NV
MAPP782	38	21.41	118	59.31	6645.0	979393.03	-5.7	0.1f	2.1	-231.8	-35.9	C844	82580	C103A	NV
MAPP783	38	31.06	118	57.69	5240.0	979513.64	-31.3	0.9f	4.8	-206.6	-17.5	W834	82580	C103A	NV
MAPP784	38	32.00	118	57.31	5190.0	979522.74	-28.3	1.5f	5.0	-201.7	-13.3	W844	82580	VB 3	NV
MAPP785	38	33.57	118	57.89	5088.6	979525.75	-37.1	0.1f	3.3	-208.8	-21.6	N123	82580	VB 3	NV
MAPP786	38	34.35	118	59.39	4989.0	979536.90	-36.4	0.2f	3.9	-204.1	-17.5	D344	82580	VB 3	NV
MAPP787	38	34.82	119	0.68	5190.0	979527.90	-27.2	0.2f	3.4	-202.3	-15.9	Q844	82580	VB 3	NV
MAPP788	38	38.52	119	3.49	6080.0	979479.37	2.4	0.4f	4.5	-201.9	-18.7	C854	82580	VB 3	NV
MAPP789	39	0.30	119	46.71	4679.0	979587.32	-53.4	0.0f	2.0	-212.4	-41.4	D334	82680	VB 1	NV
MAPP790	39	0.08	119	45.61	4700.0	979590.02	-48.4	0.0f	1.6	-208.4	-37.2	N124	82680	VB 1	NV
MAPP791	38	58.23	119	46.70	4699.0	979580.01	-55.7	0.0f	2.0	-215.3	-43.7	D434	82680	VB 1	NV
MAPP792	38	55.40	119	43.48	4796.0	979584.60	-37.9	0.0f	1.6	-201.3	-28.2	D534	82680	VB 1	NV
MAPP793	38	54.92	119	31.72	6540.0	979480.29	22.5	1.1f	5.1	-197.0	-24.0	Q854	82680	VB 1	NV
MAPP794	39	0.23	119	50.71	4788.0	979591.93	-38.4	0.5f	10.0	-193.1	-22.6	D534	82780	AMIND	NV
MAPP795	38	34.03	119	11.92	6460.0	979440.82	6.2	0.7f	3.6	-212.0	-24.0	Q844	82280	C103A	NV
MAPP812	38	0.25	120	0.58	5089.0	979563.76	49.8	0.3f	3.7	-121.5	15.4	G634	101080	CH119	CA
MAPP813	38	1.06	119	56.87	5814.0	979502.71	55.7	1.4f	5.4	-138.7	7.1	G634	101080	CH119	CA
MAPP814	38	1.01	119	59.32	5700.0	979520.13	62.5	0.4f	4.5	-128.9	11.6	G634	101080	CH119	CA
MAPP815	38	1.85	119	57.77	6055.0	979489.57	64.1	0.3f	4.5	-139.5	5.4	G634	101080	CH119	CA
MAPP816	38	2.18	119	55.24	6626.0	979437.58	65.3	1.1f	8.5	-153.8	-3.4	G634	101080	CH119	CA
MAPP817	38	2.20	119	56.39	6292.0	979466.79	63.1	0.6f	5.1	-148.0	0.2	G634	101080	CH119	CA
MAPP818	38	4.11	119	55.52	6106.0	979474.40	50.4	1.4f	6.1	-153.3	-0.8	G634	101080	CH119	CA
MAPP819	38	3.20	119	57.75	6292.0	979475.02	69.8	0.2f	4.5	-141.8	4.9	G634	101080	CH119	CA
MAPP820	38	4.20	119	58.13	6358.0	979471.67	71.2	1.0f	5.4	-141.8	5.3	G634	101080	CH119	CA
MAPP821	38	3.94	119	59.55	5900.0	979506.95	63.8	0.4f	4.3	-134.6	9.3	G634	101080	CH119	CA
MAPP822	38	5.36	119	59.36	5965.0	979499.12	60.0	0.6f	4.5	-140.4	5.8	G634	101080	CH119	CA
MAPP823	38	7.83	119	57.53	6563.0	979453.81	67.3	0.9f	5.2	-152.8	-0.1	G634	101080	CH119	CA
MAPP824	38	7.97	119	59.88	6162.0	979486.29	61.9	0.6f	4.5	-145.3	3.0	G634	101080	CH119	CA
MAPP825	38	9.23	119	59.51	6509.0	979463.22	69.6	0.7f	5.1	-148.9	1.5	G634	101080	CH119	CA
MAPP826	38	10.40	119	57.39	6923.0	979427.62	71.2	0.5f	5.6	-160.8	-5.2	G634	101080	CH119	CA
MAPP827	38	11.41	119	57.89	6392.0	979463.75	55.9	0.4f	5.1	-158.4	-2.4	G634	101080	CH119	CA

Table 6--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAPPT 1	37	58.94	119	57.58	5420.0	979530.15	49.2	0.2f	3.8	-133.3	8.1	C844	10 780	CH119	CA
MAPPT 3	37	50.29	120	13.87	2850.0	979725.64	15.8	0.2f	2.3	-80.1	11.5	D533	10 880	CH186	CA
MAPPT 4	37	53.86	120	14.23	875.0	979837.55	-63.3	6.8f	16.3	-77.2	19.5	C744	10 880	CH186	CA
MAPPT 5	37	53.07	120	14.98	2813.0	979732.23	14.8	2.5f	8.2	-73.9	19.5	G634	10 880	CH119	CA
MAPPT 6	37	49.55	120	10.49	3209.1	979700.58	25.5	0.4f	2.7	-82.3	15.6	B124	10 880	CH119	CA
MAPPT 7	37	48.84	120	6.98	3024.0	979696.03	4.6	0.2f	2.3	-97.3	7.6	D544	10 880	CH119	CA
MAPPT 8	37	49.70	120	6.98	3040.7	979696.25	5.2	0.3f	3.1	-96.5	9.8	N124	10 880	CH119	CA
MAPPT 9	37	49.89	120	5.74	2317.4	979730.55	-28.8	6.9f	11.6	-97.2	12.4	N224	10 880	CH119	CA
MAPPT10	37	50.26	120	2.79	1482.0	979775.19	-63.3	1.3f	12.5	-101.9	15.5	D444	10 880	CH119	CA
MAPPT11	37	50.92	120	1.71	1546.0	979762.23	-71.2	2.9f	15.6	-109.0	11.9	B123	10 880	CH119	CA
MAPPT12	37	54.86	120	2.60	4108.0	979630.99	32.7	0.3f	3.6	-105.1	19.4	D533	10 980	CH119	CA
MAPPT13	37	52.04	120	2.93	3711.0	979642.26	10.8	3.6f	10.3	-106.7	12.5	G634	10 980	CH119	CA
MAPPT14	37	53.97	120	4.26	2411.0	979717.26	-39.3	6.8f	17.0	-105.4	14.3	D333	10 980	CH119	CA
MAPPT15	37	52.51	120	4.89	3304.0	979673.17	2.7	4.2f	8.7	-102.4	13.2	D443	10 980	CH119	CA
MAPPT16	37	53.46	120	7.41	3650.0	979656.74	17.4	4.9f	11.2	-97.1	14.1	G634	10 980	CH119	CA
MAPPT17	37	53.94	120	5.36	3840.0	979647.53	25.4	0.9f	5.1	-101.8	15.0	D544	10 980	CH119	CA
MAPPT18	37	53.11	120	4.14	3703.7	979647.69	14.0	3.9f	8.9	-104.7	13.5	N123	10 980	CH119	CA
MAPPT19	37	52.35	120	1.60	2264.5	979719.91	-48.0	7.5f	15.6	-110.5	12.7	N124	10 980	CH119	CA
MAPPT20	37	53.42	120	1.04	2963.0	979687.74	-16.1	1.5f	6.4	-111.8	14.3	D434	10 980	CH119	CA
MAPPA 1	38	32.69	118	41.10	4414.0	979579.98	-45.0	0.1f	5.9	-191.0	-6.8	P124	71878	HAWTH	NV
MAPPA 3	38	32.69	118	41.17	4435.0	979578.91	-44.1	0.1f	6.0	-190.6	-6.4	P124	71878	HAWTH	NV
MAPPA 4	38	32.70	118	41.23	4455.6	979577.88	-43.2	0.0f	6.0	-190.4	-6.3	P124	71878	HAWTH	NV
MAPPA 5	38	32.70	118	41.29	4471.6	979577.14	-42.4	0.1f	6.3	-190.0	-5.8	P124	71878	HAWTH	NV
MAPPA 6	38	32.69	118	41.35	4488.1	979576.33	-41.7	0.1f	6.5	-189.6	-5.4	P124	71878	HAWTH	NV
MAPPA 7	38	32.69	118	41.41	4505.0	979575.51	-40.9	0.2f	6.7	-189.2	-5.0	P124	71878	HAWTH	NV
MAPPA 8	38	32.68	118	41.48	4524.5	979574.62	-39.9	0.2f	6.9	-188.7	-4.4	P124	71878	HAWTH	NV
MAPPA 9	38	32.67	118	41.53	4543.0	979573.75	-39.1	0.3f	7.1	-188.3	-4.0	P124	71878	HAWTH	NV
MAPPA10	38	32.66	118	41.58	4556.4	979573.10	-38.4	0.3f	7.3	-187.9	-3.7	P123	71878	HAWTH	NV
MAPPA11	38	32.64	118	41.64	4577.0	979572.01	-37.6	0.5f	7.6	-187.5	-3.2	P124	71878	HAWTH	NV
MAPPA12	38	32.62	118	41.70	4594.1	979571.07	-36.8	0.5f	7.8	-187.1	-2.8	P124	71878	HAWTH	NV
MAPPA13	38	32.61	118	41.74	4608.2	979570.30	-36.3	0.5f	7.9	-186.9	-2.6	P122	71878	HAWTH	NV
MAPPA14	38	32.62	118	41.79	4608.1	979570.34	-36.3	0.9f	8.5	-186.3	-2.0	P124	71578	HAWTH	NV
MAPPA15	38	32.63	118	41.85	4617.3	979569.79	-36.0	1.5f	9.3	-185.5	-1.2	P124	71578	HAWTH	NV
MAPPA16	38	32.64	118	41.90	4634.6	979568.36	-35.8	0.6f	8.6	-186.6	-2.3	P124	71578	HAWTH	NV
MAPPA17	38	32.68	118	41.94	4652.7	979566.52	-36.0	2.6f	10.7	-185.4	-1.1	P124	71578	HAWTH	NV
MAPPA18	38	32.70	118	41.99	4668.6	979564.28	-36.8	3.2f	11.5	-185.9	-1.6	P124	71578	HAWTH	NV
MAPPA19	38	32.70	118	42.04	4686.3	979562.80	-36.6	3.4f	11.8	-186.0	-1.7	P124	71578	HAWTH	NV
MAPPA20	38	32.69	118	42.10	4703.7	979561.58	-36.1	4.1f	12.7	-185.2	-0.9	P124	71578	HAWTH	NV
MAPPA21	38	32.67	118	42.15	4724.0	979560.44	-35.3	4.1f	12.9	-185.0	-0.6	P124	71578	HAWTH	NV
MAPPA22	38	32.66	118	42.20	4742.5	979559.29	-34.7	4.0f	13.0	-184.9	-0.5	P123	71578	HAWTH	NV
MAPPA23	38	32.67	118	42.25	4757.3	979557.60	-35.1	5.1f	14.2	-184.5	-0.1	P124	71578	HAWTH	NV
MAPPA24	38	32.69	118	42.31	4776.0	979555.45	-35.5	5.5f	15.0	-184.8	-0.4	P124	71578	HAWTH	NV
MAPPA25	38	32.70	118	42.36	4793.2	979553.74	-35.6	6.1f	15.7	-184.7	-0.4	P124	71578	HAWTH	NV
MAPPA26	38	32.70	118	42.41	4817.2	979551.68	-35.4	6.1f	15.8	-185.3	-0.9	P124	71578	HAWTH	NV
MAPPA28	38	32.71	118	42.48	4860.5	979549.35	-33.7	6.4f	16.3	-184.5	-0.2	P124	71578	HAWTH	NV
MAPPA29	38	32.72	118	42.54	4876.1	979547.07	-34.5	7.4f	17.6	-184.6	-0.2	P124	71578	HAWTH	NV
MAPPA30	38	32.74	118	42.60	4889.4	979545.33	-35.0	7.1f	17.6	-185.5	-1.2	P124	71578	HAWTH	NV
MAPPA31	38	32.77	118	42.65	4898.9	979543.64	-35.8	8.6f	19.5	-184.8	-0.5	P124	71578	HAWTH	NV
MAPPA32	38	32.59	118	41.62	4578.3	979571.81	-37.6	0.3f	7.3	-187.8	-3.4	P124	71878	HAWTH	NV
MAPPA33	38	32.57	118	41.78	4630.2	979568.86	-35.6	0.4f	7.9	-187.0	-2.7	P134	71678	HAWTH	NV
MAPPA35	38	32.55	118	41.81	4655.4	979567.35	-34.7	0.5f	8.0	-186.9	-2.5	P134	71678	HAWTH	NV
MAPPA36	38	32.54	118	41.83	4666.5	979566.67	-34.3	0.5f	8.0	-186.8	-2.4	P134	71678	HAWTH	NV
MAPPA37	38	32.51	118	41.87	4689.0	979565.25	-33.6	0.5f	8.1	-186.8	-2.4	P134	71678	HAWTH	NV
MAPPA38	38	32.50	118	41.90	4711.1	979563.78	-33.0	0.5f	8.1	-186.9	-2.5	P134	71678	HAWTH	NV
MAPPA39	38	32.49	118	41.92	4720.3	979563.13	-32.7	0.5f	8.2	-186.9	-2.4	P134	71678	HAWTH	NV
MAPPA40	38	32.45	118	41.96	4737.3	979562.04	-32.2	0.5f	8.3	-186.9	-2.4	P134	71678	HAWTH	NV
MAPPA41	38	32.43	118	42.01	4761.4	979560.43	-31.5	0.5f	8.4	-186.9	-2.4	P134	71678	HAWTH	NV
MAPPA42	38	32.40	118	42.05	4784.3	979558.90	-30.8	0.6f	8.6	-186.8	-2.3	P134	71678	HAWTH	NV
MAPPA43	38	32.39	118	42.09	4803.6	979557.57	-30.3	0.6f	8.6	-186.9	-2.4	P134	71678	HAWTH	NV
MAPPA44	38	32.36	118	42.13	4826.4	979555.96	-29.7	0.6f	8.7	-187.0	-2.4	P133	71678	HAWTH	NV

Table 6--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAPPA45	38	32.34	118	42.16	4849.0	979554.41	-29.1	0.7f	8.9	-187.1	-2.5	P134	71678	HAWTH	NV
MAPPA46	38	32.31	118	42.19	4870.4	979552.91	-28.6	0.7f	8.9	-187.2	-2.6	P134	71678	HAWTH	NV
MAPPA47	38	32.30	118	42.22	4892.1	979551.39	-28.0	0.9f	9.1	-187.2	-2.6	P134	71678	HAWTH	NV
MAPPA48	38	32.28	118	42.26	4912.9	979550.00	-27.5	0.9f	9.2	-187.2	-2.6	P134	71678	HAWTH	NV
MAPPA49	38	32.26	118	42.31	4935.7	979548.48	-26.8	1.0f	9.5	-187.1	-2.4	P134	71678	HAWTH	NV
MAPPA50	38	32.24	118	42.35	4957.8	979546.95	-26.2	1.0f	9.5	-187.2	-2.6	P134	71678	HAWTH	NV
MAPPA51	38	32.20	118	42.38	4979.6	979545.45	-25.6	1.1f	9.7	-187.2	-2.5	P134	71678	HAWTH	NV
MAPPA52	38	32.19	118	42.41	5002.9	979543.92	-24.9	1.1f	9.7	-187.3	-2.6	P134	71678	HAWTH	NV
MAPPA53	38	32.16	118	42.45	5024.6	979542.51	-24.3	1.2f	9.9	-187.1	-2.4	P134	71678	HAWTH	NV
MAPPA54	38	32.14	118	42.49	5047.4	979541.14	-23.5	1.4f	10.2	-186.8	-2.0	P134	71678	HAWTH	NV
MAPPA55	38	32.13	118	42.53	5070.1	979539.76	-22.7	1.4f	10.3	-186.7	-2.0	P134	71678	HAWTH	NV
MAPPA56	38	32.13	118	42.57	5091.8	979538.35	-22.1	1.7f	10.7	-186.5	-1.7	P134	71678	HAWTH	NV
MAPPA57	38	32.70	118	41.02	4398.0	979580.76	-45.7	0.1f	5.7	-191.4	-7.2	P124	71878	HAWTH	NV
MAPPA58	38	32.71	118	40.98	4382.7	979581.55	-46.4	0.1f	5.6	-191.5	-7.4	P134	71878	HAWTH	NV
MAPPA59	38	32.72	118	40.91	4365.2	979582.44	-47.1	0.1f	5.5	-191.9	-7.7	P134	71878	HAWTH	NV
MAPPA60	38	32.75	118	40.85	4346.8	979583.42	-47.9	0.1f	5.4	-192.1	-8.0	P134	71878	HAWTH	NV
MAPPA61	38	32.77	118	40.79	4329.4	979584.37	-48.7	0.1f	5.3	-192.4	-8.3	P134	71878	HAWTH	NV
MAPPA62	38	32.76	118	40.81	4337.2	979583.93	-48.3	0.1f	5.3	-192.3	-8.2	P133	71878	HAWTH	NV
MAPPA63	38	32.72	118	40.80	4334.9	979584.02	-48.4	0.1f	5.3	-192.3	-8.1	P134	71878	HAWTH	NV
MAPPA64	38	32.77	118	40.70	4310.4	979585.42	-49.4	0.1f	5.1	-192.6	-8.5	P134	71878	HAWTH	NV
MAPPA65	38	32.77	118	40.63	4293.9	979586.18	-50.2	0.1f	5.0	-193.0	-8.9	P134	71878	HAWTH	NV
MAPPA66	38	32.78	118	40.57	4280.6	979586.85	-50.8	0.0f	4.9	-193.2	-9.1	P134	71878	HAWTH	NV
MAPPA67	38	32.80	118	40.49	4264.8	979587.57	-51.6	0.0f	4.7	-193.6	-9.6	P134	71878	HAWTH	NV
MAPPA68	38	32.82	118	40.41	4248.5	979588.48	-52.2	0.0f	4.6	-193.8	-9.8	P134	71878	HAWTH	NV
MAPPA69	38	32.87	118	40.36	4234.4	979589.30	-52.8	0.0f	4.5	-194.0	-10.0	P124	71878	HAWTH	NV
MAPPA70	38	32.88	118	40.32	4228.4	979589.57	-53.1	0.0f	4.5	-194.2	-10.2	B123	71878	HAWTH	NV
MAPPA13A	38	32.61	118	41.72	4606.6	979570.37	-36.4	0.5f	7.8	-187.0	-2.7	B124	71878	HAWTH	NV
MAPPC 0	38	9.34	119	20.96	7143.4	979325.12	-9.1	0.7f	13.7	-240.5	-41.4	P134	72578	CH103	CA
MAPPC 1	38	9.37	119	20.91	7142.1	979325.28	-9.1	0.7f	13.7	-240.5	-41.4	P134	72578	CH103	CA
MAPPC 2	38	9.33	119	21.02	7143.7	979324.99	-9.1	0.6f	13.8	-240.5	-41.4	P134	72578	CH103	CA
MAPPC 5	38	9.28	119	20.94	7102.3	979327.09	-10.9	0.6f	14.0	-240.6	-41.5	P134	72578	CH103	CA
MAPPC 6	38	9.28	119	20.89	7087.2	979327.82	-11.5	0.6f	14.1	-240.7	-41.5	P134	72578	CH103	CA
MAPPC 7	38	9.24	119	20.94	7092.5	979327.35	-11.5	0.5f	14.1	-240.8	-41.7	P134	72578	CH103	CA
MAPPC 9	38	9.19	119	20.91	7107.0	979326.84	-10.5	0.5f	14.0	-240.5	-41.3	P134	72578	CH103	CA
MAPPC11	38	9.15	119	20.88	7137.3	979325.16	-9.3	0.7f	13.9	-240.4	-41.3	P134	72578	CH103	CA
MAPPC13	38	9.12	119	20.85	7174.3	979323.09	-7.9	0.9f	13.8	-240.3	-41.2	P134	72578	CH103	CA
MAPPC16	38	9.08	119	20.81	7226.0	979320.11	-5.9	1.0f	13.5	-240.4	-41.3	P134	72578	CH103	CA

Table 7--Data from the Defense Mapping Agency Gravity Library.

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
APB1299	38	38.70	118	38.75	4111.0	979598.89	-63.4	0.0f	1.8	-203.1	-24.0	N32	pre-63		NV
APB2107	38	53.21	119	41.61	4941.0	979579.49	-26.1	0.0f	1.7	-194.4	-20.1	F53	pre-63		NV
M PB2111	38	44.00	119	30.10	5120.0	979545.79	-29.4	0.0f	3.0	-202.5	-22.0	H43	pre-63		NV
M PF 97	38	26.30	119	7.06	5815.0	979463.96	-19.9	0.1f	2.9	-216.8	-22.7	N32	68		NV
M PF 98	38	26.05	119	0.59	5579.0	979479.39	-26.3	0.4f	2.9	-215.1	-21.6	N32	68		NV
M PF 104	38	57.85	119	11.29	4417.0	979633.96	-27.7	0.0f	0.9	-178.9	-10.2	N32	68		NV
M PF 106	38	43.75	119	12.19	6116.0	979490.21	9.0	2.8f	5.2	-195.9	-16.6	G745	68		NV
M PF 120	38	28.65	118	54.77	6432.0	979433.59	4.2	0.2f	2.4	-214.2	-24.3	N335	68		NV
M PF 121	38	34.09	118	54.69	5563.0	979497.75	-21.3	0.1f	2.9	-209.6	-23.8	F53	68		NV
APF 122	38	39.51	118	54.60	5554.0	979531.60	3.8	0.1f	1.9	-185.2	-4.2	G73	68		NV
M PF 123	38	49.36	118	55.17	5623.0	979545.17	9.3	0.1f	1.8	-182.1	-9.5	X63	68		NV
M PF 125	38	44.80	118	45.96	4119.0	979627.34	-43.2	0.2f	5.3	-179.6	-4.1	N33	68		NV
M PF 133	38	58.09	118	49.66	4136.0	979641.82	-46.6	0.0f	1.2	-187.8	-21.8	X53	68		NV
M PF 136	38	45.01	118	38.98	4118.0	979628.71	-42.2	0.2f	2.4	-181.5	-7.1	N32	68		NV
M PH0082	38	45.61	119	22.54	4808.0	979568.40	-38.5	0.0f	2.2	-201.7	-22.5	F53	71		NV
M PH1388	38	29.26	119	13.26	6843.0	979394.17	2.6	0.1f	3.7	-228.6	-36.8	X53	71		NV
M PH1389	38	45.24	119	25.94	5448.0	979529.56	-16.7	0.4f	2.8	-201.1	-21.7	N345	71		NV
M PH1393	38	57.93	119	20.74	4603.0	979615.56	-28.8	0.0f	1.3	-185.8	-15.4	F53	71		NV
M PH1394	38	54.15	119	21.88	4643.0	979584.65	-50.3	0.0f	1.5	-208.6	-35.6	F53	71		NV
M PH1400	38	40.70	119	4.40	5974.0	979491.09	1.0	0.2f	2.8	-201.4	-20.1	X73	71		NV
M PH1401	38	44.18	119	6.03	5317.0	979530.06	-26.9	0.0f	1.4	-208.3	-29.7	X73	71		NV
M PH1403	38	48.18	119	7.31	4822.0	979578.58	-30.8	0.0f	0.7	-196.0	-20.6	F64	71		NV
M PH1404	38	46.80	119	14.11	5115.0	979554.88	-24.9	0.1f	1.0	-199.8	-22.6	X63	71		NV
M PH1410	38	53.76	119	4.15	4686.0	979615.28	-15.1	0.0f	0.3	-176.0	-5.5	X63	71		NV
M PH1411	38	59.86	119	7.31	4369.0	979645.28	-23.9	0.0f	0.2	-174.0	-7.4	F54	71		NV
M PH1414	38	52.40	118	42.96	4117.0	979623.53	-58.3	0.2f	1.1	-199.0	-29.5	N325	71		NV
M PH1433	38	41.47	119	28.19	4981.0	979548.38	-36.2	0.0f	2.2	-205.3	-22.9	G74	71		NV
M PH1436	38	49.56	119	32.75	7977.0	979391.87	76.9	1.6f	8.5	-188.1	-12.6	G74	71		NV
APH1437	38	59.22	119	29.51	6775.0	979483.85	41.8	0.2f	3.8	-187.1	-16.6	G63	71		NV
M PH1441	38	54.03	119	50.73	5495.0	979523.28	-31.5	1.5f	12.5	-207.8	-35.8	C85	71		NV
M PH1442	38	56.58	119	56.13	6971.0	979452.66	32.9	3.8f	10.3	-196.1	-27.3	G63	71		CA
APH5734	38	43.59	118	11.19	5160.0	979556.95	-13.9	0.8f	2.9	-188.4	-11.4	C74	71		NV
M PQ1008	38	51.42	119	39.75	5289.0	979558.89	-11.4	0.1f	1.9	-191.3	-16.1	D655	69		NV
M PQ1011	38	43.47	119	19.46	4991.0	979549.97	-36.6	0.0f	1.9	-206.3	-25.7	F63	69		NV
APQ1019	38	50.45	119	41.66	5604.0	979532.43	-6.8	2.4f	4.4	-195.0	-19.7	H43	69		NV
M PQ1029	38	35.80	119	23.00	6777.0	979424.32	16.9	0.8f	3.9	-211.9	-25.4	C84	69		NV
M PQ1033	38	43.13	119	16.10	5441.0	979541.10	-2.7	0.4f	1.9	-187.8	-7.3	C85	69		NV
M PQ1034	38	40.06	119	23.87	5881.0	979479.62	-18.3	0.4f	2.6	-217.7	-34.5	C95	69		NV
M PQ1035	38	43.27	119	25.92	5059.0	979543.16	-36.7	0.2f	2.4	-208.3	-27.3	G73	69		NV
M PQ1037	38	44.29	119	28.67	5118.0	979547.45	-28.4	0.0f	3.2	-201.2	-20.9	G736	69		NV
M PQ1038	38	42.06	119	29.40	4997.0	979549.75	-34.2	0.1f	2.4	-203.6	-21.7	G73	69		NV
M PQ1039	38	58.48	118	59.24	5043.0	979598.92	-4.9	0.0f	0.7	-177.6	-11.4	F53	69		NV
M PQ1040	38	55.91	118	58.51	5129.0	979583.22	-8.7	0.6f	2.0	-183.0	-15.0	G89	69		NV
APQ1047	38	56.05	118	48.45	4196.0	979637.33	-42.5	0.0f	1.7	-185.2	-17.9	G65	69		NV
APQ1048	38	48.50	118	45.80	4161.0	979631.87	-40.1	0.1f	4.1	-179.3	-6.7	N32	69		NV
M PQ1049	38	50.30	118	46.61	4085.0	979639.55	-42.2	0.9f	5.3	-177.5	-6.2	N32	69		NV
M PQ1051	38	48.20	118	54.87	5843.0	979532.98	19.5	0.1f	1.8	-179.4	-5.9	G73	69		NV
M PQ1052	38	46.06	118	57.06	5184.0	979562.24	-10.0	0.1f	1.2	-187.0	-11.3	G73	69		NV
M PQ1060	38	29.75	119	11.91	6633.0	979420.74	8.7	0.0f	2.9	-216.1	-24.6	C85	69		NV
M PQ1063	38	51.33	118	59.15	5144.0	979567.60	-16.2	0.0f	0.8	-192.3	-20.6	C74	69		NV
M PQ1064	38	23.62	119	7.27	6872.0	979388.41	7.8	0.7f	3.3	-224.8	-29.4	C85	69		NV
M PQ1067	38	21.38	118	57.62	6167.0	979419.78	-23.8	0.9f	3.6	-232.0	-36.2	C84	69		NV
M PQ1079	38	23.31	118	37.60	6622.0	979416.39	12.7	2.5f	7.5	-207.2	-17.9	X84	69		NV
M PQ1084	38	34.94	118	42.29	4128.0	979601.07	-54.1	0.3f	9.5	-186.7	-4.0	C75	69		NV
M PQ1086	38	31.20	118	40.84	4632.0	979565.84	-36.4	0.4f	7.2	-188.6	-3.4	C85	69		NV
M PQ1092	38	27.62	118	19.78	7030.0	979418.40	46.8	0.9f	5.0	-189.6	-6.6	C84	69		NV
M PQ1094	38	27.02	118	17.52	7397.0	979394.40	58.1	0.9f	5.7	-190.0	-7.1	C85	69		NV
M PX5737	38	31.11	118	23.30	4732.0	979571.18	-21.6	0.3f	2.3	-182.0	0.2	C86	72		NV
M PX6217	38	3.68	118	5.93	5610.0	979460.73	-9.3	0.8f	2.7	-199.4	-12.8	G53	72		NV
M PX6220	38	7.03	118	8.63	6305.0	979421.05	11.5	1.5f	3.5	-201.6	-14.9	G63	72		NV

Table 7--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
M PX6221	38	6.95	118	12.09	6890.0	979387.21	32.7	0.6f	3.1	-200.7	-13.0	G64	72		NV
M PX6227	38	4.01	118	20.90	7572.0	979327.33	41.2	2.7f	8.4	-210.1	-18.3	H43	72		NV
M PX6231	38	25.78	118	26.92	6977.0	979411.85	37.9	3.8f	8.1	-193.4	-8.5	G63	72		NV
M PX6232	38	23.04	118	29.95	6656.0	979417.79	17.7	1.0f	3.4	-207.4	-20.1	G64	72		NV
APX6241	38	25.37	118	11.16	6324.0	979454.40	19.7	1.8f	4.9	-192.6	-9.4	G74	72		NV
M PX6243	38	18.38	118	39.03	8909.0	979247.75	66.2	2.9f	13.8	-225.3	-33.5	G63	72		NV
M PX6244	38	15.85	118	40.33	9142.0	979221.82	65.9	7.3f	20.1	-227.2	-33.9	G63	72		NV
M PX6245	38	15.64	118	44.81	7256.0	979347.49	14.7	1.1f	2.7	-231.6	-36.2	G73	72		NV
M PX6246	38	19.68	118	41.92	9530.0	979211.44	86.3	5.6f	21.0	-219.0	-27.5	H43	72		NV
M PX6247	38	27.15	118	34.40	4923.0	979521.97	-47.0	0.0f	1.8	-214.5	-28.0	N32	72		NV
M PX6248	38	27.96	118	30.11	5167.0	979527.44	-19.8	1.0f	2.6	-194.9	-10.0	G63	72		NV
M PX6249	38	25.84	118	31.16	5687.0	979486.06	-9.2	0.9f	2.8	-201.9	-15.6	G74	72		NV
M PX6253	38	12.39	118	14.66	6712.0	979405.40	26.2	1.3f	4.6	-199.6	-12.3	G74	72		NV
M PX6406	38	2.38	118	29.92	6974.0	979356.37	16.5	0.6f	2.5	-220.4	-24.5	G63	72		NV
M PX6407	38	5.22	118	26.46	6372.0	979403.00	2.4	1.1f	2.5	-214.0	-20.0	G63	72		NV
M PX6408	38	6.64	118	23.35	6240.0	979413.52	-1.6	1.7f	3.7	-212.2	-19.9	G63	72		NV
M PX6409	38	5.20	118	35.79	6445.0	979386.00	-7.8	1.8f	3.8	-225.3	-28.1	G73	72		NV
M PX6410	38	2.04	118	32.46	8300.0	979262.86	48.0	3.3f	9.9	-226.6	-30.4	H43	72		NV
M PX6412	38	8.61	118	42.42	8651.0	979263.35	71.9	1.2f	7.7	-216.9	-19.9	H43	72		NV
M PX6433	38	46.49	118	32.16	5406.0	979555.44	3.4	0.1f	0.6	-181.8	-8.8	H42	72		NV
M PX6434	38	55.48	118	39.91	4623.0	979629.96	-8.9	1.4f	2.1	-165.8	1.5	G64	72		NV
M PX6436	38	12.32	118	39.52	7037.0	979366.35	17.8	0.9f	3.6	-220.1	-24.6	N33	72		NV
M PX6438	38	7.93	118	37.19	8023.0	979303.28	53.8	1.6f	7.2	-214.1	-18.2	H43	72		NV
M PX6439	38	14.26	118	40.95	9062.0	979227.45	66.3	3.8f	14.8	-229.4	-35.2	H43	72		NV
M PX6441	38	16.66	118	51.56	8751.0	979251.59	57.7	2.6f	9.8	-232.3	-36.4	H43	72		NV
APX6474	38	32.75	118	56.39	5186.0	979523.64	-28.8	0.1f	3.0	-204.1	-16.7	N32	72		NV
APX6475	38	36.41	118	53.62	6805.0	979437.91	32.2	1.6f	6.0	-195.4	-12.3	G74	72		NV
APX6476	38	43.01	118	53.00	6515.0	979477.52	34.9	3.3f	7.0	-181.8	-4.4	G74	72		NV
M PX6477	38	42.80	118	47.50	6797.0	979448.84	33.0	6.6f	20.3	-180.1	-3.6	G74	72		NV
M PX6478	38	37.31	118	48.40	9102.0	979289.81	98.6	2.7f	28.5	-184.7	-4.3	G74	72		NV
M PX6479	38	32.08	119	6.86	9544.0	979227.15	85.1	3.7f	19.1	-222.6	-34.7	H43	72		NV
M PX6483	38	37.31	119	6.10	8539.0	979322.38	78.3	2.4f	11.4	-202.9	-19.3	G74	72		NV
M PX6484	38	34.27	119	6.99	8108.0	979341.29	61.2	0.5f	5.1	-211.8	-25.2	G74	72		NV
M PX6485	38	31.15	119	3.29	8136.0	979316.02	43.1	4.7f	12.4	-223.5	-34.7	H43	72		NV
APX8326	38	38.21	118	36.00	5017.0	979547.54	-28.8	5.2f	7.6	-193.7	-14.9	G63	72		NV
APX8327	38	40.98	118	32.98	7888.0	979376.55	65.9	2.9f	17.3	-187.3	-11.5	H42	72		NV
APX8328	38	49.01	118	35.40	5791.0	979536.32	16.8	3.0f	4.4	-177.8	-6.6	G64	72		NV
APX8329	38	51.43	118	35.38	6285.0	979509.03	32.4	1.7f	5.4	-178.1	-8.5	G64	72		NV
APX8330	38	53.20	118	51.03	8034.0	979393.31	78.4	2.0f	20.1	-177.0	-8.5	H43	72		NV
APX8331	38	47.07	118	50.00	9191.0	979305.59	108.4	3.1f	29.1	-177.4	-4.6	H43	72		NV
M PX8332	38	47.46	119	11.43	6039.0	979504.32	10.4	3.8f	8.3	-188.8	-12.7	H43	72		NV
APX8333	38	55.36	119	15.61	6552.0	979494.80	37.4	4.4f	12.0	-175.5	-5.1	H43	72		NV
APX8334	38	56.90	119	16.31	5662.0	979561.50	18.2	4.0f	6.3	-170.1	-0.2	G64	72		NV
M PX8338	38	55.70	119	27.50	8023.0	979395.93	76.3	2.6f	14.6	-184.3	-12.7	G64	72		NV
APX8339	38	53.39	119	30.07	9450.0	979291.63	109.4	2.9f	26.7	-187.5	-14.9	H43	72		NV
M PX8340	38	51.90	119	28.70	9309.0	979295.83	102.6	7.3f	32.5	-183.7	-10.2	G64	72		NV
APX8341	38	48.51	119	31.30	9206.0	979299.92	102.0	2.1f	18.9	-194.4	-18.7	G64	72		NV
M PX8342	38	48.25	119	27.25	8535.0	979338.96	78.4	3.8f	19.7	-194.4	-18.4	G64	72		NV
M PX8343	38	8.91	118	27.35	6170.0	979428.22	3.2	1.0f	3.0	-205.8	-12.7	G63	72		NV
M PX8344	38	5.31	118	29.13	6496.0	979391.60	2.5	2.6f	4.0	-216.6	-21.8	G63	72		NV
M PX8349	38	3.91	118	11.43	8729.0	979248.79	71.5	2.6f	19.4	-208.1	-20.5	H43	72		NV
APX8350	38	21.59	118	0.22	8736.0	979290.39	87.9	6.2f	25.0	-186.4	-3.7	G64	72		NV
APX8351	38	17.71	118	11.27	7060.0	979385.79	31.5	7.1f	16.2	-194.6	-9.7	G64	72		NV
M PX8353	38	19.09	118	18.14	6700.0	979417.25	27.1	1.8f	4.1	-198.8	-12.6	G63	72		NV
M PX8355	38	22.31	118	24.06	6548.0	979437.24	28.1	0.8f	2.1	-194.6	-8.4	G63	72		NV
APX8357	38	34.22	118	47.42	11239.1	979132.20	146.3	7.5f	50.0	-188.0	-6.1	H43	72		NV
M PX8358	38	38.90	118	52.40	6745.0	979456.90	41.9	3.5f	7.7	-182.0	-1.2	G73	72		NV
M PX8359	38	34.30	118	50.25	9119.0	979287.92	102.7	3.4f	19.2	-190.4	-7.2	G74	72		NV
APX8360	38	29.18	118	51.17	8651.0	979304.73	83.1	2.8f	12.9	-200.4	-12.5	G74	72		NV
APX8361	38	29.80	118	58.77	6200.0	979447.78	-5.1	4.1f	6.4	-211.7	-21.7	G74	72		NV

Table 7--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
M PX8362	38	28.50	119	3.35	7251.0	979374.44	22.3	2.7f	7.6	-218.9	-27.6	G74	72		NV
M PX8363	38	29.35	119	9.50	7821.0	979346.30	46.4	3.6f	9.2	-212.6	-21.5	H43	72		NV
APX8364	38	22.37	119	2.72	8080.0	979308.85	43.6	2.5f	9.4	-224.1	-29.0	H43	72		NV
APX8365	38	18.82	118	49.86	8176.0	979290.27	39.2	2.1f	7.0	-234.1	-39.4	G74	72		NV
M PX8366	38	31.00	118	43.27	7825.0	979363.63	61.7	3.2f	17.5	-189.2	-4.3	G63	72		NV

Table 8--Data from the California Division of Mines and Geology.

	STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
	B2	38	56.25	119	56.88	6371.2	979493.20	17.5	1.5F	5.4	-195.9	-27.0	P44	67to68	CH98	CA
	B3	38	56.05	119	56.76	6554.8	979479.19	21.1	2.6F	6.6	-197.4	-28.6	P44	67to68	CH98	CA
	B5	38	56.68	119	56.87	6286.0	979499.71	15.4	0.9F	4.8	-195.7	-27.0	P44	67to68	CH98	CA
	B6	38	56.41	119	56.54	6495.6	979484.52	20.3	2.7F	6.8	-196.0	-27.1	P44	67to68	CH98	CA
	B8	38	56.77	119	56.16	6684.6	979472.69	25.7	3.7F	7.8	-196.0	-27.1	P45	67to68	CH98	CA
	B9	38	56.73	119	57.92	6234.8	979501.75	12.6	0.0F	2.9	-198.7	-30.3	P43	67to68	CH98	CA
	B10	38	58.09	119	56.10	6308.0	979503.57	19.3	0.2F	3.7	-193.7	-24.9	F53	67to68	CH98	NV
	B11	38	56.98	119	57.42	6232.6	979502.99	13.2	0.0F	3.2	-197.6	-29.1	P44	67to68	CH98	CA
	B12	38	56.58	119	59.28	6246.0	979500.00	12.1	0.0F	2.4	-200.1	-32.4	N33	67to68	CH98	CA
	B13	38	56.06	119	58.23	6266.6	979498.46	13.3	0.0F	2.9	-199.1	-30.8	P44	67to68	CH98	CA
	B14	38	54.74	119	57.64	6349.3	979494.08	18.6	0.4F	4.1	-195.4	-26.7	P45	67to68	CH98	CA
	B15	38	55.28	119	58.43	6257.9	979499.53	14.6	0.0F	3.0	-197.3	-29.0	P44	67to68	CH98	CA
	B16	38	55.37	119	57.25	6307.7	979495.37	15.0	1.4F	5.4	-196.2	-27.4	P45	67to68	CH98	CA
	B17	38	55.73	119	57.67	6258.6	979499.48	14.0	0.2F	3.7	-197.3	-28.7	P45	67to68	CH98	CA
	B18	38	55.90	119	57.20	6320.8	979495.99	16.1	1.0F	4.9	-196.1	-27.4	P44	67to68	CH98	CA
	B38	38	52.84	119	59.28	6471.4	979486.03	24.8	0.4F	3.6	-193.9	-25.8	P45	67to68	CH98	CA
	B40	38	58.26	119	54.95	6736.0	979477.87	33.5	1.0F	4.7	-193.0	-24.1	G75	67to68	CH98	NV
	B41	38	58.52	119	53.98	6996.0	979460.46	40.2	1.6F	5.7	-194.3	-25.2	G73	67to68	CH98	NV
	B75	38	42.36	119	47.35	5755.0	979494.63	-18.5	2.1F	5.4	-210.9	-33.5	D55	67to68	CH98	CA
	B78	38	37.12	119	44.71	6162.0	979458.51	-8.7	4.8F	10.3	-210.1	-29.7	G75	67to68	CH98	CA
AP	B81	38	46.37	119	47.00	5473.0	979520.99	-24.5	0.0F	3.3	-209.3	-33.3	C73	67to68	CH98	CA
	B85	38	49.18	119	46.40	5021.0	979558.71	-33.4	0.1F	4.0	-202.1	-26.9	G63	67to68	CH98	CA
	B104	38	54.41	119	59.99	6294.0	979500.55	20.3	0.1F	2.7	-193.1	-25.6	N32	67to68	CH98	CA
	B105	38	47.80	119	58.34	7716.0	979409.26	72.4	2.9F	6.8	-185.4	-16.8	N32	67to68	CH98	CA
	WB3	38	15.45	119	14.45	6473.4	979380.42	-25.7	0.0F	2.6	-245.4	-45.7	N234	62	CH103	CA
	WB4	38	15.45	119	15.49	6488.1	979379.63	-25.1	0.1F	2.8	-245.1	-45.5	N234	62	CH103	CA
	WB6	38	16.32	119	17.09	6543.1	979384.63	-16.2	1.0F	4.4	-236.5	-37.4	N234	62	CH103	CA
	WB15	38	15.70	119	13.01	6502.4	979381.41	-22.3	1.3F	3.9	-241.7	-42.0	N234	62	CH103	CA
	WB17	38	17.56	119	12.74	6480.0	979389.24	-19.3	0.5F	3.4	-238.5	-39.4	F434	62	CH103	CA
	WB18	38	18.54	119	12.78	6513.0	979387.77	-19.1	0.8F	3.9	-238.9	-40.3	F434	62	CH103	CA
	WB19	38	20.59	119	12.39	6384.0	979398.87	-23.2	3.6F	8.3	-234.1	-36.5	F434	62	CH103	CA
	WB21	38	15.96	119	13.37	6457.1	979384.52	-23.8	0.2F	2.8	-242.8	-43.1	N234	62	CH103	CA
	WB25	38	13.34	119	17.10	6600.0	979375.18	-15.9	0.2F	3.6	-239.0	-39.1	C834	62	CH103	CA
	WB29	38	14.39	119	13.20	6481.0	979379.77	-24.1	0.8F	3.5	-243.1	-42.9	N234	62	CH103	CA
	WB32	38	10.50	119	11.58	6833.1	979353.73	-11.3	1.6F	4.4	-241.5	-40.3	N234	62	CH103	CA
	WB33	38	11.84	119	13.07	6648.5	979364.75	-19.6	0.8F	3.7	-244.2	-43.4	D434	62	CH103	CA
	WB34	38	15.44	119	15.02	6480.0	979379.78	-25.7	1.2F	3.8	-244.4	-44.7	C844	62	CH103	CA
	WB35	38	17.19	119	10.55	7161.0	979352.46	8.4	0.0F	2.3	-235.0	-36.2	G734	62	CH103	CA
	WB36	38	11.03	119	13.08	6798.0	979354.25	-14.9	0.7F	3.6	-244.7	-43.7	F434	62	CH103	CA
	WB38	38	10.45	119	13.97	6870.0	979349.99	-11.5	2.2F	5.4	-241.9	-41.0	C834	62	CH103	CA
	WB40	38	7.96	119	10.90	7593.7	979316.42	26.6	1.0F	3.6	-230.3	-29.0	N234	62	CH103	CA
	WB42	38	6.22	119	10.55	7929.8	979294.41	38.7	2.0F	5.0	-228.3	-26.8	N234	62	CH103	CA
	WB43	38	8.77	119	11.00	7394.2	979324.25	14.5	1.0F	3.4	-235.8	-34.5	N234	62	CH103	CA
	WB44	38	9.42	119	11.15	7217.2	979331.53	4.2	0.8F	3.2	-240.3	-39.0	N234	62	CH103	CA
	WB45	38	10.38	119	10.70	6970.0	979346.94	-5.1	1.2F	3.8	-240.5	-39.3	N234	62	CH103	CA
	WB46	38	10.28	119	10.02	7054.2	979343.94	0.0	1.5F	4.0	-238.1	-36.9	N234	62	CH103	CA
	WB47	38	9.77	119	6.83	7603.7	979316.72	25.2	1.4F	3.6	-232.1	-31.1	N234	62	CH103	CA
	WB48	38	10.22	119	4.97	8079.7	979283.48	36.0	0.2F	2.6	-238.5	-37.9	N234	62	CH103	CA
	WB49	38	11.16	119	3.55	7961.4	979288.86	28.9	0.8F	3.3	-240.9	-40.5	N234	62	CH103	CA
	WB50	38	11.30	119	3.28	8105.1	979281.97	35.3	1.1F	3.6	-239.0	-38.8	N234	62	CH103	CA
	WB51	38	11.82	119	2.83	8171.0	979281.51	40.3	2.9F	5.5	-234.4	-34.4	F434	62	CH103	CA
	WB52	38	12.45	119	0.83	8371.9	979278.53	55.2	0.6F	3.3	-228.5	-29.1	N234	62	CH103	CA
	WB53	38	12.69	119	0.72	8369.0	979278.12	54.2	0.6F	3.2	-229.5	-30.1	N234	62	CH103	CA
	WB54	38	22.92	119	11.18	6196.0	979415.68	-27.4	6.1F	11.0	-229.3	-32.9	N234	62	CH103	CA
	WB56	38	11.62	119	19.35	6963.0	979344.80	-9.7	3.5F	9.2	-239.5	-39.9	F434	62	CH103	CA
	WB58	38	14.11	119	18.76	6751.0	979365.14	-12.9	1.6F	5.8	-238.9	-39.6	F434	62	CH103	CA
	WB59	38	13.52	118	59.61	8233.0	979285.50	47.6	1.9F	4.4	-230.3	-31.4	N234	63	CH103	CA
	WB60	38	13.57	118	57.82	8025.0	979300.95	43.4	2.6F	4.9	-226.9	-28.1	N234	63	CH103	CA
	WB61	38	14.33	118	58.07	7901.0	979309.52	39.2	4.3F	6.6	-225.1	-26.6	N234	63	CH103	CA
	WB62	38	13.93	119	2.53	9050.0	979232.63	70.9	0.6F	4.8	-234.3	-35.7	G734	63	CH103	CA

Table 8--(continued)

	STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
	WB63	38	17.28	119	6.16	8691.0	979253.12	52.7	1.9F	5.7	-239.4	-41.6	F444	63	CH103	CA
	WB64	38	15.11	119	4.03	9250.0	979220.83	76.1	1.1F	6.3	-234.4	-36.1	G744	63	CH103	CA
	WB65	38	12.20	118	58.02	8201.0	979284.65	45.7	0.6F	3.2	-232.4	-33.1	G734	63	CH103	CA
	WB66	38	11.39	119	0.57	8450.0	979273.11	58.7	0.8F	3.9	-227.1	-27.4	G734	63	CH103	CA
	WB67	38	7.02	119	1.48	6824.0	979368.83	8.0	0.6F	2.7	-223.6	-21.7	F434	63	CH103	CA
M P	WB68	38	5.51	119	0.56	6470.0	979380.13	-11.7	0.0F	1.8	-232.1	-29.7	N234	63	CH103	CA
M P	WB69	38	6.89	118	56.34	6556.0	979369.04	-16.8	0.0F	1.4	-240.5	-39.0	N234	63	CH103	CA
M P	WB70	38	4.93	119	2.40	6488.0	979380.41	-8.9	0.0F	2.0	-229.7	-27.1	N234	63	CH103	CA
	WB72	38	3.82	119	7.26	6804.0	979368.53	10.5	0.4F	3.5	-219.6	-16.9	G734	63	CH103	CA
	WB73	38	6.07	119	3.45	6780.0	979367.44	3.9	0.6F	2.8	-226.0	-23.7	G734	63	CH103	CA
	WB74	38	7.43	119	5.68	7354.0	979333.78	22.2	1.3F	3.7	-226.5	-24.8	N234	63	CH103	CA
	WB75	38	8.49	119	7.24	7662.0	979318.88	34.7	0.8F	3.0	-225.2	-23.8	F434	63	CH103	CA
	WB76	38	11.06	119	5.17	8000.0	979286.21	30.0	0.8F	3.1	-241.2	-40.8	F434	63	CH103	CA
	WB77	38	13.18	119	8.85	7599.0	979313.24	16.2	1.4F	3.7	-240.7	-40.7	G744	63	CH103	CA
	WB78	38	11.35	119	10.09	7762.0	979300.82	21.8	1.7F	4.1	-240.3	-39.8	G744	63	CH103	CA
	WB79	38	21.19	119	8.68	8444.0	979277.17	47.8	3.2F	7.8	-233.8	-37.7	G744	63	CH103	CA
	WB80	38	19.06	119	8.12	8371.0	979279.61	46.5	1.0F	4.3	-236.1	-38.9	G734	63	CH103	CA
	WB81	38	13.28	119	16.03	6542.0	979375.25	-21.2	0.0F	3.1	-242.8	-42.7	G734	63	CH103	CA
	WB83	38	10.45	119	14.26	6800.0	979354.33	-13.8	0.8F	4.3	-242.9	-42.1	G734	63	CH103	CA
	WB84	38	8.76	119	12.50	7725.0	979301.05	22.4	1.0F	3.8	-238.8	-37.9	G734	63	CH103	CA
	WB85	38	5.72	119	13.83	8815.0	979242.97	71.1	2.2F	6.9	-224.0	-23.5	G734	63	CH103	CA
	WB88	38	12.37	119	17.27	6529.0	979377.29	-19.1	0.4F	4.5	-238.7	-38.6	G744	63	CH103	CA
	WB89	38	3.96	119	5.37	6656.0	979374.27	2.2	0.5F	2.9	-223.4	-20.6	N234	63	CH103	CA
M P	WB90	38	7.77	118	53.65	6727.0	979364.53	-6.5	0.0F	1.2	-236.3	-35.6	N234	63	CH103	CA
M P	WB91	38	8.41	118	51.66	6844.0	979364.81	3.9	0.0F	1.2	-229.9	-29.8	N234	63	CH103	CA
M P	WB92	38	8.98	118	49.71	6953.0	979359.83	8.3	0.0F	1.1	-229.2	-29.8	N234	63	CH103	CA
	WB95	38	8.56	118	57.20	6741.0	979371.69	0.8	0.3F	2.1	-228.5	-27.4	G744	63	CH103	CA
	WB96	38	15.02	118	58.09	7790.0	979318.11	36.4	2.3F	4.7	-226.1	-27.7	N234	63	CH103	CA
	WB98	38	18.93	118	55.71	6517.0	979395.82	-11.3	4.5F	7.1	-228.0	-31.3	N234	63	CH103	NV
	WB103	38	21.07	119	23.93	7330.0	979341.87	8.0	1.8F	5.4	-238.1	-42.6	N234	63	CH103	CA
	WB108	38	12.18	119	7.15	7680.0	979313.50	25.6	1.4F	3.9	-233.9	-33.6	C844	66	CH103	CA
	WB109	38	10.20	118	54.09	6898.0	979361.11	2.6	0.5F	2.1	-232.1	-32.2	G734	66	CH103	CA
	WB110	38	9.80	119	0.96	7440.0	979329.04	22.1	1.8F	4.1	-229.1	-28.3	C844	66	CH103	CA
	WB111	38	19.11	119	3.74	7760.0	979317.95	27.4	0.9F	3.0	-235.7	-38.5	C844	66	CH103	CA
	WB112	38	15.39	119	7.38	8061.0	979296.16	39.3	1.5F	4.3	-232.7	-33.7	G734	66	CH103	CA
	WB113	38	20.32	119	9.28	7920.0	979311.67	34.4	2.0F	4.8	-232.4	-35.6	C844	66	CH103	CA
	WB114	38	22.88	119	7.12	7040.0	979370.97	7.2	1.5F	4.0	-230.4	-34.7	C844	66	CH103	CA
	WB115	38	13.55	119	9.78	7367.0	979331.43	12.1	1.0F	3.2	-237.5	-37.5	P544	66	CH103	CA
	WB116	38	13.73	119	9.90	7357.0	979332.12	11.6	1.8F	4.0	-236.9	-36.9	P544	66	CH103	CA
	WB117	38	12.66	119	9.46	7372.5	979328.25	10.7	0.6F	2.8	-239.5	-39.1	P544	66	CH103	CA
	WB118	38	12.09	119	9.27	7445.0	979323.68	13.8	0.6F	2.7	-239.0	-38.5	P544	66	CH103	CA
	WB119	38	12.77	119	9.10	7371.1	979327.33	9.5	0.4F	2.7	-240.7	-40.4	P544	66	CH103	CA
	WLAWB120	38	7.62	119	0.73	6974.0	979358.28	10.7	0.4F	2.3	-226.3	-24.8	X444	73	CH103	CA
	WLAWB121	38	8.07	118	59.23	6798.0	979366.86	2.1	0.8F	2.8	-228.5	-27.0	C843	73	CH103	CA
	WLAWB122	38	7.61	119	1.82	7036.0	979353.52	11.8	0.4F	2.6	-227.1	-25.5	X443	73	CH103	CA
	WLAWB123	38	9.01	119	0.50	8180.0	979277.34	41.0	3.5F	7.1	-232.3	-31.7	G744	73	CH103	CA
	WLAWB124	38	11.43	119	1.26	8728.0	979249.72	61.4	1.5F	5.3	-232.4	-32.8	F444	73	CH103	CA
	WLAWB125	38	11.69	118	59.84	8918.0	979239.91	69.0	2.3F	7.0	-229.5	-30.2	G744	73	CH103	CA
	WLAWB126	38	11.99	118	59.30	8731.0	979250.83	61.9	2.3F	6.1	-231.2	-32.0	G744	73	CH103	CA
	WLAWB127	38	12.80	118	58.55	8348.0	979280.19	54.1	0.5F	3.1	-229.0	-29.9	X744	73	CH103	CA
	WLAWB128	38	9.16	119	2.40	8068.0	979284.62	37.6	3.0F	5.7	-233.4	-32.6	F444	73	CH103	CA
	WLAWB129	38	13.22	118	58.47	8120.0	979294.80	46.7	0.6F	2.8	-228.9	-30.0	C843	74	CH103	CA
	WLAWB130	38	11.90	118	58.35	8435.0	979269.22	52.7	1.4F	4.4	-232.1	-32.8	G744	74	CH103	CA
	WLAWB131	38	10.88	118	59.13	8638.0	979254.42	58.4	3.9F	8.1	-229.5	-30.0	G744	74	CH103	CA
	WLAWB132	38	10.40	118	57.94	8613.0	979245.81	48.2	11.0F	16.1	-230.9	-31.4	G744	74	CH103	CA
	WLAWB133	38	12.07	118	57.18	8462.0	979263.17	48.9	2.9F	6.2	-235.0	-35.9	G744	74	CH103	CA
	WLAWB134	38	13.03	118	57.92	8247.0	979285.10	49.2	1.2F	3.5	-230.0	-31.1	G744	74	CH103	CA
	WLAWB135	38	8.71	118	59.12	7645.0	979310.49	24.4	3.2F	5.6	-232.3	-31.5	G744	74	CH103	CA
	WLAWB136	38	12.87	119	2.30	9140.0	979222.23	70.5	2.0F	6.6	-236.0	-37.0	G744	74	CH103	CA
	WLAWB137	38	14.44	119	1.29	9237.0	979218.88	73.9	1.1F	6.1	-236.3	-38.1	F444	74	CH103	CA

Table 8--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
WLAG1-0	38	14.92	119	13.18	6465.1	979382.88	-23.2	0.2F	2.8	-242.4	-42.4	P234	78	CH103	CA
WLAG1-22	38	14.92	119	12.22	6668.3	979373.81	-13.2	0.9F	3.3	-238.8	-38.9	P234	78	CH103	CA
WLAG2-0	38	14.37	119	12.47	6788.7	979363.24	-11.6	0.6F	2.8	-241.9	-41.8	P234	78	CH103	CA
WLAG2-20	38	14.49	119	13.28	6482.2	979379.62	-24.2	0.4F	3.1	-243.8	-43.6	P234	78	CH103	CA
WLAG3-0	38	15.53	119	12.27	6575.9	979379.75	-16.8	0.7F	3.2	-239.4	-39.7	P234	78	CH103	CA
WLAG3-22	38	15.50	119	13.20	6475.3	979382.49	-23.5	0.1F	2.7	-243.2	-43.4	P234	78	CH103	CA
WLAG4-0	38	15.23	119	12.22	6629.5	979375.99	-15.1	0.6F	3.1	-239.7	-39.8	P234	78	CH103	CA
WLAG4-26	38	15.09	119	13.25	6461.0	979382.73	-24.0	0.2F	2.8	-243.1	-43.1	P234	78	CH103	CA
WLAG5-0	38	14.65	119	12.90	6654.9	979371.84	-16.0	0.4F	2.7	-241.8	-41.8	P234	78	CH103	CA
WLAG5-16	38	14.65	119	12.24	6711.8	979370.24	-12.3	0.9F	3.2	-239.5	-39.5	P234	78	CH103	CA
WLAG6-0	38	13.29	119	12.73	6586.2	979374.65	-17.7	0.3F	3.0	-240.8	-40.3	P234	78	CH103	CA
WLAG6-14	38	13.53	119	13.18	6546.3	979375.75	-20.7	0.2F	2.8	-242.6	-42.3	P234	78	CH103	CA
WLAG6-23	38	13.67	119	13.47	6517.6	979375.58	-23.8	0.1F	2.7	-244.8	-44.5	P234	78	CH103	CA
BD1	38	12.85	118	59.54	8609.0	979263.95	62.3	1.4F	4.5	-228.2	-29.2	P344	67	WB53	CA
BD48	38	12.87	118	59.96	8773.0	979252.88	66.6	1.8F	5.3	-228.6	-29.7	P344	67	WB53	CA
BD60	38	13.24	119	0.03	8864.0	979243.46	65.2	3.4F	7.2	-231.3	-32.5	P344	67	WB53	CA
BD74	38	13.16	118	59.64	8581.0	979263.65	58.9	2.5F	5.5	-229.6	-30.8	P344	67	WB53	CA
BD101	38	13.47	119	0.19	8301.0	979280.06	48.6	2.6F	5.1	-230.9	-31.9	P344	67	WB53	CA
BD132	38	12.95	119	0.48	8387.0	979276.90	54.3	0.9F	3.5	-229.7	-30.5	P344	67	WB53	CA
BD204	38	12.68	118	59.59	8435.0	979275.92	58.2	0.6F	3.4	-227.6	-28.4	P344	67	WB53	CA
BD217	38	12.54	119	0.08	8459.0	979274.15	58.9	0.5F	3.3	-227.7	-28.5	P344	67	WB53	CA
BD218	38	12.48	119	0.00	8416.0	979276.75	57.5	0.5F	3.2	-227.7	-28.4	P344	67	WB53	CA
BD245	38	12.24	119	0.26	8598.0	979264.33	62.6	1.2F	4.4	-227.7	-28.4	P344	67	WB53	CA
BD277	38	12.00	119	0.47	8551.0	979268.08	62.3	0.4F	3.4	-227.4	-27.9	P344	67	WB53	CA
BD308	38	11.95	119	1.00	8389.0	979276.79	55.8	0.2F	2.9	-228.8	-29.2	P344	67	WB53	CA
BD313	38	11.60	119	0.69	8587.0	979264.67	62.8	0.9F	4.2	-227.2	-27.7	P344	67	WB53	CA
BD330	38	11.57	119	0.61	8630.0	979261.13	63.4	0.8F	4.3	-228.1	-28.5	P344	67	WB53	CA
BD346	38	11.81	119	0.14	8527.0	979267.15	59.3	0.6F	3.7	-229.2	-29.7	P344	67	WB53	CA
BD356	38	11.53	119	0.38	8597.0	979262.32	61.5	1.1F	4.5	-228.6	-29.0	P344	67	WB53	CA
BD372	38	11.04	119	0.53	8159.0	979289.22	48.0	2.6F	5.1	-226.6	-26.7	P344	67	WB53	CA

Note: Prefix of "BD" for stations near Bodie, CA replaces prefix of "CB" in table 6 of Robbins and Oliver (1976).

List of discarded stations:

WB2 WB16 WB20 WB22 WB23 WB24 WB27 WB55 WB87 WB94 WB96 WB100 WB101 WB102

Table 9--Data from the Nevada Division of Mines and Geology.

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAP Y 3	38	52.61	119	11.41	4497.0	979620.94	-25.5	0.1f	1.8	-178.4	-6.1	N426	9 767	P181	NV
MAP Y 4	38	51.01	119	11.21	4531.0	979620.40	-20.5	0.3f	2.0	-174.4	-0.8	N427	9 767	P181	NV
MAP Y 8	38	50.59	119	4.70	4549.0	979622.53	-16.1	0.9f	1.6	-171.0	2.1	N425	9 867	R298	NV
MAP Y 17	38	47.10	119	20.11	4843.0	979561.60	-44.2	0.0f	1.1	-209.6	-31.9	N427	9 767	R242	NV
MAP Y21Q	38	45.87	119	21.63	4838.0	979560.90	-43.6	0.0f	1.7	-208.3	-29.5	N426	82367	Y 37	NV
MAP Y24Q	38	46.80	119	23.31	4821.0	979574.20	-33.2	0.0f	3.1	-196.0	-17.7	N427	62571	YERRI	NV
MAP Y 25	38	47.68	119	23.01	4784.0	979572.39	-39.8	0.0f	2.9	-201.5	-23.9	N427	82367	R242	NV
MAP Y 26	38	48.57	119	23.01	4794.0	979575.80	-36.8	0.0f	2.8	-198.9	-21.9	D426	62571	YERRI	NV
MAP Y 27	38	49.41	119	23.01	4780.0	979577.70	-37.4	0.0f	2.5	-199.3	-23.0	D426	62571	YERRI	NV
MAP Y 36	38	57.28	119	9.78	4406.0	979628.29	-33.6	0.0f	0.4	-184.8	-16.0	F534	102469	Y 36	NV
MAP Y 37	38	58.57	119	9.72	4388.0	979637.50	-28.0	0.0f	0.4	-178.6	-10.8	N425	102469	Y 37	NV
MAP Y38Q	39	0.18	119	7.29	4365.0	979644.00	-26.0	0.0f	0.2	-176.0	-9.6	N428	9 567	Y 37	NV
MAP Y39Q	39	0.98	119	7.27	4362.0	979644.79	-26.7	0.0f	0.2	-176.6	-10.8	N428	82367	Y 37	NV
MAP Y 40	39	1.60	119	6.66	4356.0	979640.59	-32.4	0.0f	0.1	-182.1	-16.8	N425	12 767	Y 37	NV
MAP Y 41	39	1.60	119	5.51	4354.0	979646.15	-27.0	0.0f	0.1	-176.7	-11.5	N425	12 767	Y 37	NV
MAP Y 42	39	1.60	119	4.35	4356.0	979647.05	-25.9	0.0f	0.2	-175.6	-10.6	N425	62471	YERRI	NV
MAP Y 43	39	1.00	119	4.03	4361.0	979641.10	-30.5	0.0f	0.3	-180.3	-15.0	N427	9 567	Y 36	NV
MAP Y 45	39	1.74	119	3.03	4409.0	979640.45	-27.7	0.0f	0.2	-179.2	-14.5	D545	62471	YERRI	NV
MAP Y 46	38	59.88	119	8.10	4373.0	979646.60	-22.2	0.0f	0.2	-172.5	-5.7	N425	9 567	Y 36	NV
MAP Y 47	38	59.84	119	9.42	4377.0	979645.65	-22.7	0.0f	0.3	-173.1	-6.1	N467	9 567	Y 36	NV
MAP Y 55	39	6.80	119	20.52	4957.0	979622.16	-2.0	0.0f	1.7	-170.8	-5.3	N427	82467	Y 48	NV
MAP Y 56	39	5.99	119	22.25	5085.0	979616.50	5.6	0.8f	3.3	-166.0	0.3	N426	82467	Y 48	NV
MAP Y 57	39	4.94	119	23.77	5277.0	979601.37	10.1	0.3f	2.6	-168.8	-1.7	N427	82467	Y 48	NV
MAP Y58Q	39	4.32	119	24.53	5326.0	979597.91	12.1	0.1f	2.3	-168.6	-1.2	N427	102969	Y 48	NV
MAP Y 59	39	3.35	119	25.06	5417.0	979587.36	11.5	0.0f	2.3	-172.4	-4.3	N427	82467	Y 48	NV
MAP Y 60	39	2.40	119	24.89	5438.0	979581.40	9.0	0.1f	2.2	-175.8	-7.3	N427	102969	Y 77	NV
MAP Y 61	39	1.35	119	25.10	5517.0	979573.25	9.8	0.1f	2.5	-177.3	-8.3	N426	82467	Y 48	NV
MAP Y 62	39	3.32	119	26.60	5906.0	979558.30	28.5	0.7f	4.6	-169.9	-1.6	N427	82567	Y 48	NV
MAP Y 63	39	4.01	119	26.89	6265.0	979536.83	39.7	1.1f	4.8	-170.7	-2.9	N427	82567	Y 48	NV
MAP Y 64	39	4.48	119	27.33	6448.0	979522.86	42.3	1.1f	4.7	-174.4	-6.9	N427	82567	Y 48	NV
MAP Y 65	39	5.10	119	27.67	6367.0	979528.30	39.2	0.8f	3.9	-175.6	-8.2	N427	82567	Y 48	NV
MAP Y 66	38	58.86	119	11.07	4396.0	979642.30	-22.9	0.1f	0.7	-173.4	-5.5	N425	102469	Y 66	NV
MAP Y 68	38	57.27	119	10.30	4404.0	979626.44	-35.6	0.0f	0.5	-186.6	-17.8	F536	9 567	Y 36	NV
MAP Y 71	39	1.59	119	10.81	4368.0	979650.23	-21.6	0.0f	0.3	-171.6	-5.5	N425	102469	Y 71	NV
MAP Y 72	39	1.93	119	10.85	4361.0	979649.80	-23.2	0.0f	0.3	-172.9	-7.0	N427	9 667	Y 71	NV
MAP Y 73	39	2.47	119	10.83	4349.0	979653.40	-21.5	0.0f	0.3	-170.9	-5.2	F566	112867	Y 71	NV
MAP Y 74	39	3.77	119	10.82	4348.0	979657.00	-19.9	0.0f	0.2	-169.3	-4.4	N426	121267	Y 71	NV
MAP Y 75	39	4.53	119	10.81	4335.0	979658.75	-20.5	0.0f	0.2	-169.5	-5.1	N425	121267	Y 77	NV
MAP Y 76	39	4.99	119	10.78	4333.0	979658.75	-21.4	0.0f	0.2	-170.3	-6.1	N426	9 667	Y 77	NV
MAP Y 78	39	6.81	119	10.80	4314.0	979655.40	-29.2	0.0f	0.2	-177.5	-14.3	N426	9 667	Y 77	NV
MAP Y 84	38	52.00	119	8.63	4485.0	979620.80	-25.9	0.0f	0.5	-179.6	-7.2	N427	9 767	R242	NV
MAP Y 87	38	56.39	119	9.74	4415.0	979626.70	-33.0	0.0f	0.5	-184.5	-15.1	F536	102469	P192	NV
MAP Y 89	38	54.64	119	9.59	4442.0	979626.65	-28.0	0.0f	0.5	-180.3	-9.7	F537	9 767	R242	NV
MAP Y 92	38	51.78	119	18.32	4820.0	979593.81	-21.1	0.0f	0.8	-186.1	-12.1	F537	112167	R242	NV
MAP Y 93	38	52.79	119	18.29	4859.0	979597.40	-15.3	0.0f	0.8	-181.6	-8.4	F536	112167	R242	NV
MAP Y 98	38	51.18	119	23.58	4817.0	979579.80	-34.5	0.0f	2.4	-197.7	-22.5	F536	112167	R242	NV
MAP Y107	38	56.34	119	7.50	4443.0	979637.39	-19.6	0.0f	0.3	-172.2	-3.1	N426	112267	R242	NV
MAP Y112	39	2.90	119	6.93	4333.0	979646.80	-30.2	0.0f	0.1	-179.3	-14.6	G637	12 767	R242	NV
MAP Y113	39	3.95	119	7.49	4339.0	979647.22	-30.8	0.0f	0.1	-180.0	-15.9	F536	12 767	R242	NV
MAP Y115	39	5.40	119	7.10	4325.0	979653.95	-27.5	0.0f	0.1	-176.3	-13.1	C747	12 767	R242	NV
MAP Y120	38	51.68	119	17.50	4838.0	979590.55	-22.5	0.0f	0.7	-188.2	-14.3	F537	112967	R298	NV
MAP Y124	38	58.70	119	17.39	4920.0	979606.07	-9.6	0.0f	0.9	-177.9	-8.8	C737	112967	R298	NV
MAP Y130	38	52.13	119	5.99	4560.0	979627.55	-12.3	0.0f	0.4	-168.7	3.2	C766	92569	P192	NV
MAP Y131	38	53.30	119	5.60	4670.0	979619.10	-12.1	0.0f	0.3	-172.4	-1.5	C737	92569	P192	NV
MAPY133Q	39	1.60	119	12.01	4352.0	979648.22	-25.1	0.0f	0.5	-174.3	-8.0	N427	62571	Y 71	NV
MAP Y134	39	1.58	119	13.10	4380.0	979646.03	-24.6	0.0f	1.0	-174.3	-7.7	N427	112867	Y 71	NV
MAP Y136	39	2.90	119	9.17	4348.0	979646.50	-29.1	0.0f	0.2	-178.6	-13.6	F535	12 767	Y 71	NV
MAP Y137	39	4.20	119	11.90	4336.0	979658.44	-20.2	0.0f	0.3	-169.1	-4.3	F537	112867	Y 71	NV
MAP Y138	39	4.19	119	13.41	4349.0	979655.05	-22.4	0.0f	0.7	-171.3	-6.2	N425	62571	YERRI	NV
MAP Y139	39	5.92	119	9.40	4330.0	979661.06	-20.7	0.0f	0.1	-169.6	-6.2	C777	112867	Y 71	NV

Table 9--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAP Y140	39	5.98	119	11.89	4321.0	979653.85	-28.9	0.0f	0.3	-177.3	-13.4	N427	112867	Y 71	NV
MAP Y141	39	5.96	119	13.01	4317.0	979653.85	-29.2	0.0f	0.4	-177.3	-13.1	N426	112867	Y 71	NV
MAP Y153	38	58.60	119	6.92	4395.0	979646.36	-18.5	0.1f	0.4	-169.3	-2.0	C737	12 767	P192	NV
MAP Y155	38	57.02	119	1.81	4940.0	979601.35	-10.0	0.2f	0.7	-179.1	-11.5	C757	111369	P192	NV
MAP Y156	39	5.07	119	14.10	4320.0	979657.91	-23.5	0.0f	0.8	-171.4	-6.5	C767	12 667	Y 77	NV
MAP Y157	39	0.98	119	8.61	4365.0	979647.28	-23.9	0.0f	0.2	-173.9	-7.8	F537	12 767	Y 71	NV
MAP Y159	38	52.37	119	16.52	5000.0	979581.27	-17.5	0.0f	0.7	-188.8	-15.6	C757	121367	R242	NV
MAP Y161	39	3.68	119	19.19	5334.0	979592.05	7.9	0.0f	0.9	-174.5	-7.9	F537	121267	Y 77	NV
MAP Y162	39	2.52	119	19.30	5240.0	979594.25	3.0	0.0f	1.0	-176.1	-8.9	C767	121267	Y 77	NV
MAP Y163	39	2.07	119	20.33	5440.0	979584.72	13.0	0.5f	1.9	-172.2	-4.5	C767	121267	Y 77	NV
MAP Y164	39	2.58	119	18.60	5154.0	979600.50	1.1	0.0f	0.8	-175.3	-8.2	F536	121267	Y 77	NV
MAP Y165	38	54.61	119	8.63	4446.0	979632.67	-21.5	0.0f	0.4	-174.1	-3.6	N426	12 767	R242	NV
MAP Y166	38	55.51	119	8.61	4434.0	979633.11	-23.5	0.0f	0.4	-175.7	-6.0	N427	12 767	P192	NV
MAP Y167	38	56.38	119	8.61	4422.0	979635.44	-23.6	0.0f	0.4	-175.4	-6.2	N426	12 767	P192	NV
MAPY171Q	38	55.50	119	5.85	4535.0	979627.22	-19.9	0.0f	0.3	-175.7	-6.4	C786	112967	R242	NV
MAP Y174	39	4.22	119	11.08	4343.0	979657.71	-20.3	0.0f	0.2	-169.5	-4.9	N427	121267	Y 77	NV
MAP Y175	38	46.21	119	9.62	5120.0	979559.44	-19.0	0.1f	1.2	-193.9	-16.7	C887	121367	R242	NV
MAP Y177	38	52.53	119	14.94	5180.0	979575.63	-6.5	0.0f	0.9	-183.7	-11.1	C867	121367	R242	NV
MAP Y180	38	58.64	119	0.19	5132.0	979599.01	3.4	0.0f	0.6	-172.5	-6.3	C737	9 469	P192	NV
MAPY182Q	38	57.00	119	0.91	5200.0	979592.69	5.9	0.1f	0.7	-172.3	-4.8	C857	9 469	P192	NV
MAP Y185	38	55.50	119	6.99	4495.0	979633.48	-17.4	0.0f	0.3	-171.8	-2.3	C777	9 569	P192	NV
MAP Y187	39	0.74	119	3.07	4480.0	979635.79	-24.2	0.0f	0.4	-178.0	-12.7	C757	92469	P192	NV
MAP Y189	39	4.02	119	1.59	4390.0	979654.10	-19.2	0.0f	0.2	-170.0	-6.9	C867	62471	YERRI	NV
MAP Y190	39	4.40	119	0.78	4460.0	979658.37	-8.9	0.1f	0.3	-162.1	0.6	C867	92469	P192	NV
MAP Y192	38	53.45	119	6.40	4710.0	979620.46	-7.2	0.0f	0.3	-168.9	2.0	C777	92569	P192	NV
MAP Y199	38	52.74	119	4.13	4734.0	979603.75	-20.6	0.0f	0.4	-183.1	-12.0	G647	10 869	P192	NV
MAP Y204	38	47.50	119	9.30	4820.0	979575.34	-33.2	0.0f	1.0	-198.0	-21.9	C757	10 969	R242	NV
MAP Y206	38	49.00	119	7.90	4690.0	979592.87	-30.1	0.0f	0.6	-190.8	-16.1	C757	10 969	R242	NV
MAP Y207	39	2.50	119	3.00	4396.0	979645.79	-24.7	0.0f	0.2	-175.8	-11.6	D536	62471	YERRI	NV
MAP Y208	39	3.38	119	3.01	4339.0	979649.05	-28.1	0.0f	0.1	-177.3	-13.6	G636	102969	Y 77	NV
MAP Y211	39	3.82	119	17.72	5250.0	979599.96	7.8	0.0f	0.7	-172.0	-5.8	C767	102969	Y 77	NV
MAP Y212	39	4.56	119	19.59	5200.0	979604.67	6.7	0.1f	1.2	-170.9	-4.7	C787	102969	Y 77	NV
MAP Y213	39	6.37	119	21.76	5059.0	979618.46	4.6	0.1f	2.3	-167.1	-1.1	N426	102969	Y 77	NV
MAP Y218	39	2.91	119	5.52	4335.0	979646.48	-30.4	0.0f	0.1	-179.5	-15.0	C757	12 767	Y 71	NV
MAP Y219	39	4.25	119	3.00	4333.0	979654.35	-24.7	0.0f	0.1	-173.7	-10.5	G637	112867	Y 71	NV
MAP Y220	39	5.12	119	3.21	4325.0	979661.18	-19.9	0.0f	0.1	-168.6	-5.9	C787	112867	Y 71	NV
MAP Y222	39	4.24	119	1.90	4350.0	979655.42	-22.0	0.0f	0.2	-171.5	-8.5	C877	112867	Y 71	NV
MAP Y223	39	2.60	119	4.13	4350.0	979649.70	-25.3	0.0f	0.1	-174.9	-10.5	C767	102969	Y 77	NV
MAP Y226	38	55.00	119	5.82	4560.0	979622.90	-21.2	0.0f	0.3	-177.7	-8.0	C777	102969	P192	NV
MAP Y228	39	2.50	119	1.89	4500.0	979645.62	-15.1	0.1f	0.3	-169.7	-5.6	C757	112867	Y 71	NV
MAP Y229	38	52.89	119	7.90	4495.0	979629.45	-17.6	0.0f	0.5	-171.7	-0.2	C787	92569	P192	NV
MAPY231Q	38	50.65	119	2.25	4840.0	979593.46	-17.9	0.1f	0.7	-183.6	-11.0	C867	112967	R298	NV

Table 10--Data from the University of California at Berkeley.

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAP R 2	38	31.99	118	55.25	5530.0	979497.29	-21.7	0.1f	2.7	-209.1	-21.3	C844	42271	NYLEN	NV
MAP R 3	38	31.99	118	54.68	5690.0	979484.91	-19.1	0.2E	2.9	-211.7	-24.1	C834	42271	NYLEN	NV
MAP R 4	38	32.20	118	54.17	5890.0	979471.91	-13.6	0.1f	3.1	-212.9	-25.7	C843	42271	NYLEN	NV
MAP R 5	38	32.30	118	53.56	6105.0	979458.48	-7.0	0.1f	3.6	-213.1	-26.3	C844	42271	NYLEN	NV
MAP R 6	38	32.40	118	53.04	6280.0	979447.01	-2.1	0.1f	4.2	-213.7	-27.0	C844	42271	NYLEN	NV
MAP R 7	38	32.53	118	52.51	6480.0	979438.78	8.2	0.4E	5.1	-209.1	-22.8	C844	42271	NYLEN	NV
MAP R 8	38	32.58	118	52.00	6715.0	979432.16	23.6	1.0E	6.7	-200.2	-14.1	C842	42271	NYLEN	NV
MAP R 9	38	32.60	118	51.51	6980.0	979418.28	34.6	3.7E	10.1	-194.8	-9.0	C934	42271	NYLEN	NV
MAP R 10	38	32.50	118	51.20	7200.0	979405.48	42.7	4.6E	11.4	-193.0	-7.3	C944	42271	NYLEN	NV
MAP R 11	38	32.35	118	56.22	5270.0	979517.50	-26.5	0.3E	3.0	-204.7	-17.0	C843	42271	NYLEN	NV
MAP R 12	38	32.40	118	56.70	5290.0	979517.46	-24.7	1.0E	3.6	-203.0	-15.2	C843	42271	NYLEN	NV
MAP R 13	38	32.10	118	56.93	5180.0	979524.80	-27.3	1.0E	4.1	-201.3	-13.1	C854	42271	NYLEN	NV
MAP R 14	38	33.06	118	56.97	5110.0	979530.38	-29.7	0.5E	3.5	-201.9	-14.5	C833	42371	NYLEN	NV
MAP R 16	38	33.83	118	58.69	5043.0	979529.04	-38.5	0.3E	3.8	-208.1	-21.0	N124	42271	NYLEN	NV
MAP R 17	38	29.62	118	53.89	6154.0	979448.66	-8.2	1.1E	4.4	-215.2	-26.1	N123	91172	NYLEN	NV
MAP R 18	38	25.51	118	54.01	6302.0	979427.63	-9.3	0.1E	1.6	-224.2	-32.0	N123	91172	NYLEN	NV
MAP R 19	38	25.34	118	53.99	6265.0	979427.79	-12.4	0.0f	1.5	-226.0	-33.7	C834	42371	NYLEN	NV
MAP R 21	38	25.99	118	53.03	6510.0	979419.20	1.1	0.0f	1.9	-220.6	-29.0	C854	42371	NYLEN	NV
MAP R 22	38	26.25	118	52.55	6624.0	979413.53	5.8	0.1f	2.2	-219.5	-28.3	F533	42371	NYLEN	NV
MAP R 23	38	26.51	118	52.10	6780.0	979407.19	13.7	0.1E	2.4	-216.7	-25.8	C854	42371	NYLEN	NV
MAP R 24	38	26.88	118	51.72	6930.0	979399.55	19.6	0.1f	2.8	-215.5	-25.0	C853	42371	NYLEN	NV
MAP R 25	38	27.10	118	51.25	7100.0	979387.75	23.5	0.2E	3.0	-217.2	-27.1	C954	42371	NYLEN	NV
MAP R 26	38	27.26	118	50.83	7280.0	979378.72	31.1	0.2f	3.3	-215.4	-25.6	C953	42371	NYLEN	NV
MAP R 27	38	27.40	118	50.25	7515.0	979368.21	42.5	0.4f	4.1	-211.3	-21.8	C954	42371	NYLEN	NV
MAP R 28	38	27.52	118	49.91	7700.0	979357.64	49.1	0.7E	4.7	-210.3	-21.0	C954	42371	NYLEN	NV
MAP R 29	38	25.02	118	54.36	6185.0	979430.62	-16.6	0.0f	1.5	-227.6	-34.9	C754	42371	NYLEN	NV
MAP R 30	38	24.73	118	54.76	6130.0	979432.87	-19.1	0.0f	1.4	-228.3	-35.2	C754	42371	NYLEN	NV
MAP R 31	38	21.69	118	53.25	6175.0	979421.64	-21.7	0.0f	1.8	-232.0	-37.3	C723	71272	CH103	NV
MAP R 33	38	21.88	118	50.38	6390.0	979413.66	-9.7	0.1f	1.9	-227.3	-33.4	D634	42371	NYLEN	NV
MAP R 34	38	22.03	118	49.76	6587.0	979401.92	-3.2	0.1f	1.6	-227.7	-34.2	N323	42371	NYLEN	NV
MAP R 35	38	22.50	118	48.49	6765.0	979390.82	1.8	0.1f	1.6	-228.8	-36.0	F634	42371	NYLEN	NV
MAP R 36	38	22.94	118	47.95	6871.0	979386.01	6.3	0.1f	1.7	-227.8	-35.5	H323	42371	NYLEN	NV
MAP R 37	38	23.70	118	47.19	7130.0	979376.20	19.7	0.1E	2.1	-222.9	-31.4	C734	42371	NYLEN	NV
MAP R 38	38	24.21	118	46.77	7304.0	979369.54	28.7	0.5f	2.9	-219.1	-28.0	N324	42371	NYLEN	NV
MAP R 41	38	22.11	118	48.68	6605.0	979399.82	-3.7	0.3E	2.0	-228.5	-35.3	N323	42371	NYLEN	NV
MAP R 42	38	23.93	118	53.86	6163.0	979427.25	-20.5	0.0f	1.4	-230.7	-37.3	H323	42371	NYLEN	NV
MAP R 43	38	24.74	118	53.83	6217.0	979429.48	-14.3	0.0f	1.5	-226.4	-33.6	N323	42371	NYLEN	NV
MAP R 44	38	31.55	118	54.88	5581.0	979490.92	-22.7	0.1f	3.0	-211.5	-23.5	N324	42471	NYLEN	NV
MAP R 45	38	30.89	118	54.28	5854.0	979470.32	-16.6	0.3E	3.3	-214.5	-26.1	N323	72072	NYLEN	NV
MAP R 46	38	30.37	118	53.57	6068.0	979456.64	-9.4	0.1f	4.0	-213.9	-25.3	N424	42471	NYLEN	NV
MAP R 49	38	27.90	118	54.72	6451.0	979431.75	5.3	0.2E	2.2	-214.0	-23.4	N324	42471	NYLEN	NV
MAP R 50	38	27.20	118	54.65	6326.0	979434.08	-3.1	0.2E	2.1	-218.3	-27.1	N324	42471	NYLEN	NV
MAP R 51	38	26.32	118	54.35	6306.0	979429.08	-8.7	0.0f	1.7	-223.5	-31.8	N324	42471	NYLEN	NV
MAP R 52	38	26.69	118	55.19	6177.0	979438.30	-12.1	0.0f	1.7	-222.7	-30.9	F633	42471	NYLEN	NV
MAP R 53	38	26.69	118	56.17	6090.0	979444.63	-14.0	0.0f	1.5	-221.7	-29.8	F633	42471	NYLEN	NV
MAP R 54	38	27.88	118	57.00	6340.0	979438.01	1.2	0.1E	1.5	-215.1	-24.0	C844	42471	NYLEN	NV
MAP R 55	38	26.34	119	7.62	5859.0	979460.71	-19.1	0.1E	3.0	-217.5	-23.3	N323	71272	CH103	NV
MAP R 56	38	26.15	119	5.92	5792.0	979465.17	-20.7	0.1f	2.7	-217.0	-22.9	N324	71272	CH103	NV
MAP R 57	38	25.83	119	4.32	5884.0	979458.01	-18.7	0.2E	2.3	-218.5	-24.5	H323	71272	CH103	NV
MAP R 58	38	25.44	119	2.18	5625.0	979474.79	-25.7	1.0E	3.9	-215.1	-21.0	N323	71272	CH103	NV
MAP R 59	38	25.47	119	1.02	5750.0	979465.20	-23.6	0.2E	2.4	-218.8	-24.9	C834	71272	CH103	NV
MAP R 60	38	24.66	118	59.90	5857.0	979453.43	-24.1	0.3f	2.4	-222.9	-28.7	N324	71272	CH103	NV
MAP R 61	38	23.95	118	58.63	6030.0	979441.23	-19.0	0.1E	1.7	-224.4	-30.0	C844	71272	CH103	NV
MAP R 62	38	23.67	118	57.96	5943.0	979445.43	-22.6	0.0f	1.7	-225.0	-30.5	N323	71272	CH103	NV
MAP R 63	38	22.91	118	55.92	5949.0	979437.21	-29.1	0.0f	1.7	-231.8	-37.2	D744	71272	CH103	NV
MAP R 64	38	22.21	118	55.18	6008.0	979430.49	-29.3	0.1E	1.8	-233.8	-39.0	N323	71272	CH103	NV
MAP R 65	38	21.80	118	54.20	6060.0	979426.23	-28.0	0.0f	1.8	-234.4	-39.5	G734	71272	CH103	NV
MAP R 67	38	20.09	118	54.62	6203.0	979414.81	-23.5	0.3E	3.1	-233.5	-37.5	G733	71372	CH103	NV
MAP R 68	38	20.93	118	54.40	6124.0	979419.48	-27.5	0.1f	2.3	-235.6	-40.1	G733	71372	CH103	NV
MAP R 69	38	21.43	118	53.86	6089.0	979423.72	-27.3	0.2E	2.1	-234.4	-39.3	N323	71372	CH103	NV

Table 10--(continued)

STATION NAME	LATITUDE DEG MIN	LONGITUDE DEG MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAP R 70	38 21.73	118 51.84	6339.0	979414.44	-13.5	0.0f	1.7	-229.5	-35.2	P454	71372	CH103	NV
MAP R 71	38 21.53	118 51.74	6371.0	979412.75	-11.9	0.2E	1.8	-228.9	-34.5	P454	71372	CH103	NV
MAP R 72	38 21.39	118 51.69	6447.0	979408.40	-8.9	0.1f	1.7	-228.5	-34.1	P454	71372	CH103	NV
MAP R 73	38 21.24	118 51.62	6480.6	979407.04	-6.9	0.0f	1.7	-227.7	-33.2	P454	71372	CH103	NV
MAP R 74	38 21.07	118 51.53	6462.0	979408.60	-6.8	0.1f	1.8	-226.9	-32.3	P454	71372	CH103	NV
MAP R 75	38 20.89	118 51.50	6451.0	979409.13	-7.0	0.2E	2.0	-226.6	-31.8	P454	71372	CH103	NV
MAP R 76	38 20.68	118 51.47	6445.0	979407.97	-8.5	0.2f	2.3	-227.5	-32.6	P454	71372	CH103	NV
MAP R 77	38 20.50	118 51.41	6477.0	979404.46	-8.7	0.3f	2.6	-228.6	-33.6	P454	71372	CH103	NV
MAP R 78	38 20.30	118 51.40	6582.0	979397.08	-5.9	0.4E	2.4	-229.5	-34.5	P454	71372	CH103	NV
MAP R 79	38 20.12	118 51.38	6646.0	979393.10	-3.6	0.4f	2.6	-229.2	-34.2	P454	71372	CH103	NV
MAP R 80	38 19.95	118 51.33	6765.0	979385.12	-0.2	0.6E	2.6	-229.8	-34.8	P454	71372	CH103	NV
MAP R 81	38 19.77	118 51.30	6819.0	979380.34	0.4	0.4f	2.6	-231.1	-36.0	P454	71372	CH103	NV
MAP R 82	38 19.56	118 51.28	6931.0	979373.87	4.8	0.6E	2.6	-230.5	-35.4	P454	71372	CH103	NV
MAP R 84	38 18.91	118 51.17	7104.0	979363.05	11.1	0.5E	2.6	-230.1	-34.6	P454	71372	CH103	NV
MAP R 85	38 18.54	118 51.09	7138.0	979361.11	12.9	0.8E	3.1	-229.0	-33.3	P454	71372	CH103	NV
MAP R 86	38 18.20	118 51.01	7249.0	979353.14	15.9	1.1E	3.5	-229.4	-33.6	P454	71372	CH103	NV
MAP R 87	38 17.94	118 50.97	7564.0	979333.43	26.2	1.0E	3.3	-230.0	-34.3	P454	71372	CH103	NV
MAP R 88	38 17.45	118 50.88	7989.0	979305.39	38.8	1.0E	4.0	-231.2	-35.4	P454	71372	CH103	NV
MAP R 89	38 17.10	118 50.81	8199.0	979291.94	45.6	0.4E	3.7	-231.8	-36.0	P454	71372	CH103	NV
MAP R 90	38 16.78	118 50.77	8288.0	979286.16	48.6	0.2E	3.6	-231.9	-36.1	P454	71372	CH103	NV
MAP R 92	38 19.88	118 54.71	6240.0	979412.32	-22.2	0.3f	3.2	-233.3	-37.3	C854	71372	CH103	NV
MAP R 93	38 19.45	118 55.31	6320.0	979406.60	-19.8	3.1E	6.3	-230.6	-34.2	C854	71372	CH103	NV
MAP R 95	38 22.21	118 54.08	6041.0	979427.52	-29.1	0.0f	1.7	-234.9	-40.3	D654	71372	NYLEN	NV
MAP R 96	38 22.91	118 53.92	6120.0	979424.38	-25.9	0.0f	1.5	-234.6	-40.5	D654	71372	NYLEN	NV
MAP R 97	38 22.12	118 52.00	6297.0	979416.77	-15.7	0.1E	1.6	-230.3	-36.3	P454	71372	NYLEN	NV
MAP R 98	38 22.30	118 52.08	6236.0	979420.71	-17.7	0.0f	1.7	-230.3	-36.2	P454	71372	NYLEN	NV
MAP R 99	38 22.48	118 52.14	6251.0	979419.94	-17.4	0.0f	1.6	-230.5	-36.6	P454	71372	NYLEN	NV
MAP R100	38 22.62	118 52.22	6269.0	979419.22	-16.6	0.0f	1.5	-230.4	-36.6	P454	71372	NYLEN	NV
MAP R101	38 22.80	118 52.30	6289.0	979418.41	-15.8	0.0f	1.5	-230.3	-36.6	P454	71372	NYLEN	NV
MAP R102	38 22.91	118 52.36	6291.0	979418.68	-15.5	0.0E	1.5	-230.1	-36.4	P454	71372	NYLEN	NV
MAP R103	38 23.08	118 52.42	6288.0	979419.11	-15.6	0.0f	1.5	-230.1	-36.5	P454	71372	NYLEN	NV
MAP R104	38 23.21	118 52.50	6292.0	979419.25	-15.3	0.0f	1.5	-229.9	-36.4	P454	71372	NYLEN	NV
MAP R105	38 23.42	118 52.59	6288.0	979419.96	-15.2	0.0f	1.5	-229.7	-36.3	P454	71372	NYLEN	NV
MAP R106	38 23.64	118 52.69	6292.0	979420.31	-14.8	0.0f	1.5	-229.5	-36.2	P454	71372	NYLEN	NV
MAP R107	38 23.88	118 52.80	6299.0	979420.66	-14.2	0.0f	1.5	-229.1	-35.9	P454	71372	NYLEN	NV
MAP R108	38 24.08	118 52.90	6300.0	979421.43	-13.6	0.0f	1.5	-228.5	-35.4	P454	71372	NYLEN	NV
MAP R109	38 24.30	118 53.00	6303.0	979422.08	-13.0	0.0f	1.5	-228.0	-35.1	P454	71372	NYLEN	NV
MAP R110	38 24.47	118 53.08	6307.0	979422.60	-12.4	0.0f	1.5	-227.5	-34.6	P454	71372	NYLEN	NV
MAP R111	38 24.64	118 53.14	6337.0	979421.73	-10.7	0.0f	1.5	-226.8	-34.1	P454	71372	NYLEN	NV
MAP R112	38 24.85	118 53.26	6289.0	979426.25	-11.0	0.1E	1.6	-225.4	-32.8	P454	71372	NYLEN	NV
MAP R113	38 25.02	118 53.35	6300.0	979426.44	-10.0	0.0f	1.6	-224.8	-32.3	P454	71372	NYLEN	NV
MAP R114	38 25.21	118 53.42	6316.0	979426.35	-8.9	0.0f	1.6	-224.2	-31.9	P454	71372	NYLEN	NV
MAP R115	38 25.47	118 53.53	6334.0	979425.97	-7.9	0.0f	1.7	-223.8	-31.7	P454	71372	NYLEN	NV
MAP R116	38 25.69	118 53.64	6365.0	979424.79	-6.5	0.0f	1.7	-223.4	-31.5	P453	71472	NYLEN	NV
MAP R117	38 25.80	118 53.70	6384.0	979425.39	-4.3	0.1f	1.7	-221.8	-29.9	P454	71472	NYLEN	NV
MAP R118	38 25.95	118 53.77	6386.0	979424.83	-4.9	0.1f	1.7	-222.5	-30.6	P454	71472	NYLEN	NV
MAP R119	38 26.17	118 53.87	6383.0	979425.79	-4.5	0.1f	1.8	-221.9	-30.2	P454	71472	NYLEN	NV
MAP R120	38 26.38	118 53.97	6374.0	979427.33	-4.1	0.1f	1.9	-221.1	-29.5	P454	71472	NYLEN	NV
MAP R121	38 26.59	118 54.08	6372.0	979428.40	-3.6	0.1f	2.0	-220.4	-28.9	P454	71472	NYLEN	NV
MAP R122	38 26.81	118 54.19	6364.0	979429.66	-3.4	0.1f	2.2	-219.8	-28.5	P454	71472	NYLEN	NV
MAP R123	38 27.01	118 54.29	6418.0	979428.01	-0.3	0.3E	2.3	-218.4	-27.2	P454	71472	NYLEN	NV
MAP R124	38 27.18	118 54.36	6437.0	979428.39	1.7	0.4E	2.4	-217.0	-25.9	P454	71472	NYLEN	NV
MAP R125	38 27.38	118 54.43	6398.0	979431.29	0.6	0.5E	2.6	-216.5	-25.5	P454	71472	NYLEN	NV
MAP R126	38 27.59	118 54.52	6448.0	979429.75	3.5	0.6E	2.7	-215.3	-24.5	P454	71472	NYLEN	NV
MAP R128	38 28.25	118 54.69	6507.0	979429.03	7.3	0.2E	2.3	-213.9	-23.7	P454	71472	NYLEN	NV
MAP R129	38 28.49	118 54.70	6492.0	979429.94	6.5	0.3f	2.4	-214.0	-23.9	P454	71472	NYLEN	NV
MAP R131	38 28.82	118 54.49	6514.0	979427.00	5.1	0.9E	3.2	-215.4	-25.6	P454	71472	NYLEN	NV
MAP R132	38 28.98	118 54.40	6430.0	979431.80	1.8	1.6E	4.0	-215.0	-25.4	P454	71472	NYLEN	NV
MAP R133	38 29.27	118 54.24	6303.0	979440.08	-2.3	0.7E	3.3	-215.4	-26.0	P454	71472	NYLEN	NV
MAP R135	38 29.81	118 53.91	6119.0	979450.31	-10.2	0.6f	4.0	-216.4	-27.3	P454	71472	NYLEN	NV

Table 10--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAP R136	38	30.20	118	53.70	6078.0	979455.16	-9.7	0.2E	3.8	-214.7	-26.0	P454	71472	NYLEN	NV
MAP R137	38	30.56	118	53.47	6099.0	979455.15	-8.3	0.1f	4.1	-213.8	-25.4	P454	71472	NYLEN	NV
MAP R138	38	31.70	118	53.51	6083.0	979455.77	-10.9	0.3E	3.9	-215.9	-28.6	P454	71472	NYLEN	NV
MAP R139	38	30.85	118	53.53	6045.0	979457.92	-11.0	0.1f	4.0	-214.7	-26.6	P454	71472	NYLEN	NV
MAP R140	38	30.99	118	53.59	6008.0	979460.12	-12.5	0.1f	3.9	-215.0	-27.0	P454	71472	NYLEN	NV
MAP R141	38	31.19	118	53.69	5955.0	979463.36	-14.5	0.3E	3.8	-215.3	-27.4	P454	71472	NYLEN	NV
MAP R142	38	31.36	118	53.71	5912.0	979466.13	-16.1	0.1f	3.8	-215.4	-27.7	P454	71472	NYLEN	NV
MAP R143	38	31.52	118	53.77	5879.0	979468.80	-16.7	0.1f	3.7	-215.0	-27.4	P454	71472	NYLEN	NV
MAP R144	38	31.69	118	53.78	5913.0	979467.79	-14.8	0.1f	3.6	-214.4	-26.9	P454	71472	NYLEN	NV
MAP R145	38	31.89	118	53.83	5946.0	979466.78	-13.0	0.1f	3.4	-213.8	-26.5	P454	71472	NYLEN	NV
MAP R146	38	32.12	118	53.89	5949.0	979467.20	-12.6	0.2E	3.4	-213.7	-26.5	P454	71472	NYLEN	NV
MAP R147	38	32.31	118	53.92	5963.0	979466.21	-12.6	0.1f	3.3	-214.2	-27.2	P454	71472	NYLEN	NV
MAP R148	38	32.52	118	53.99	5945.0	979467.09	-13.7	0.2f	3.2	-214.7	-27.9	P454	71472	NYLEN	NV
MAP R149	38	32.71	118	54.03	5943.0	979467.56	-13.7	0.4E	3.3	-214.6	-27.8	P454	71472	NYLEN	NV
MAP R150	38	32.92	118	54.09	5934.0	979468.57	-13.9	0.2f	3.2	-214.6	-28.0	P454	71472	NYLEN	NV
MAP R151	38	33.13	118	54.12	5791.0	979478.78	-17.4	0.2f	3.2	-213.2	-26.8	P454	71472	NYLEN	NV
MAP R152	38	33.36	118	54.18	5723.0	979484.54	-18.4	0.2E	3.1	-211.9	-25.6	P454	71472	NYLEN	NV
MAP R153	38	33.57	118	54.22	5717.0	979485.95	-17.8	0.1f	3.0	-211.3	-25.2	P454	71472	NYLEN	NV
MAP R154	38	33.71	118	54.25	5712.0	979486.74	-17.7	0.1f	2.9	-211.1	-25.1	P454	71472	NYLEN	NV
MAP R155	38	33.86	118	54.28	5686.0	979488.43	-18.7	0.1E	3.0	-211.1	-25.2	P454	71472	NYLEN	NV
MAP R156	38	34.08	118	54.29	5658.0	979490.54	-19.5	0.1f	3.0	-211.0	-25.3	P454	71472	NYLEN	NV
MAP R157	38	34.29	118	54.39	5641.0	979493.06	-18.9	0.1f	2.9	-209.8	-24.3	P454	71472	NYLEN	NV
MAP R158	38	34.46	118	54.41	5666.0	979493.76	-16.1	0.3E	3.1	-207.7	-22.4	P454	71472	NYLEN	NV
MAP R159	38	34.66	118	54.46	5747.0	979492.08	-10.5	0.4E	3.0	-205.0	-19.8	P454	71472	NYLEN	NV
MAP R160	38	34.81	118	54.50	5865.0	979483.72	-8.0	0.9E	3.2	-206.3	-21.3	P454	71472	NYLEN	NV
MAP R161	38	35.04	118	54.56	6147.0	979474.20	8.7	1.3E	3.5	-199.0	-14.2	P454	71472	NYLEN	NV
MAP R162	38	35.17	118	54.60	6208.0	979471.28	11.3	0.7E	3.0	-199.0	-14.3	P454	71472	NYLEN	NV
MAP R163	38	35.30	118	54.61	6308.0	979465.83	15.1	0.5E	3.0	-198.6	-14.2	P454	71472	NYLEN	NV
MAP R164	38	35.61	118	54.70	6296.0	979467.14	14.8	0.7E	3.1	-198.4	-14.1	P454	71472	NYLEN	NV
MAP R165	38	35.82	118	54.73	6170.0	979475.76	11.3	0.6E	2.8	-197.9	-13.8	P454	71472	NYLEN	NV
MAP R166	38	36.06	118	54.80	6018.0	979485.80	6.7	0.7E	2.7	-197.4	-13.4	P454	71472	NYLEN	NV
MAP R167	38	36.37	118	54.86	5869.0	979496.01	2.4	0.4E	2.5	-196.8	-13.0	P454	71472	NYLEN	NV
MAP R168	38	36.66	118	54.92	5785.0	979501.18	-0.7	0.4E	2.5	-197.0	-13.5	P454	71472	NYLEN	NV
MAP R169	38	36.89	118	55.00	5676.0	979509.13	-3.4	0.4E	2.5	-195.9	-12.5	P454	71472	NYLEN	NV
MAP R171	38	37.22	118	55.07	5557.0	979518.25	-5.9	0.6E	2.8	-194.1	-11.0	P454	71472	NYLEN	NV
MAP R172	38	37.31	118	55.25	5440.0	979525.20	-10.1	0.5f	2.8	-194.3	-11.2	C854	71472	NYLEN	NV
MAP R173	38	37.02	118	54.76	5600.0	979511.08	-8.8	0.3f	2.9	-198.3	-15.1	C854	71472	NYLEN	NV
MAP R174	38	37.48	118	55.10	5595.0	979517.24	-3.7	0.2E	2.2	-193.9	-11.0	P454	71472	NYLEN	NV
MAP R175	38	37.59	118	55.11	5546.0	979521.43	-4.3	0.2f	2.2	-192.7	-10.0	P454	71472	NYLEN	NV
MAP R176	38	37.99	118	55.22	5445.0	979529.63	-6.2	0.2f	2.2	-191.2	-8.7	P454	71472	NYLEN	NV
MAP R177	38	38.19	118	55.28	5413.0	979532.43	-6.7	0.1E	2.0	-190.7	-8.4	P453	71772	NYLEN	NV
MAP R178	38	38.40	118	55.30	5372.0	979534.47	-8.8	0.1f	2.1	-191.5	-9.2	P454	71572	R242	NV
MAP R179	38	38.59	118	55.34	5358.0	979532.78	-12.1	0.1E	2.0	-194.3	-12.3	P454	71572	R242	NV
MAP R180	38	38.80	118	55.39	5314.0	979534.51	-14.8	0.0f	1.9	-195.6	-13.7	P454	71572	R242	NV
MAP R181	38	39.01	118	55.42	5347.0	979532.60	-13.9	0.1f	1.8	-195.9	-14.2	P454	71572	R242	NV
MAP R182	38	39.21	118	55.48	5379.0	979531.84	-12.0	0.1f	1.7	-195.2	-13.6	P454	71572	R242	NV
MAP R183	38	39.39	118	55.54	5346.0	979535.14	-12.0	0.1f	1.7	-194.1	-12.7	P454	71572	R242	NV
MAP R184	38	39.54	118	55.59	5343.0	979536.33	-11.4	0.1f	1.6	-193.4	-12.2	P454	71572	R242	NV
MAP R185	38	39.71	118	55.64	5336.0	979538.11	-10.5	0.1f	1.6	-192.3	-11.2	P454	71572	R242	NV
MAP R186	38	39.88	118	55.68	5308.0	979541.50	-10.0	0.1f	1.6	-190.9	-9.9	P454	71572	R242	NV
MAP R187	38	40.09	118	55.75	5288.0	979544.39	-9.3	0.2f	1.8	-189.3	-8.6	P454	71572	R242	NV
MAP R188	38	40.20	118	55.80	5308.0	979543.34	-8.6	0.1f	1.6	-189.5	-8.9	P454	71572	R242	NV
MAP R189	38	40.40	118	55.89	5315.0	979542.36	-9.2	0.1E	1.5	-190.4	-10.0	P454	71572	R242	NV
MAP R190	38	40.59	118	55.95	5267.0	979544.67	-11.7	0.2f	1.6	-191.2	-10.8	P454	71572	R242	NV
MAP R191	38	40.80	118	56.01	5261.0	979544.75	-12.5	0.1f	1.5	-191.9	-11.7	P454	71572	R242	NV
MAP R192	38	41.00	118	56.11	5174.0	979550.11	-15.6	0.1E	1.5	-192.0	-12.0	P454	71572	R242	NV
MAP R193	38	41.20	118	56.19	5168.0	979550.36	-16.2	0.1f	1.5	-192.5	-12.5	P454	71572	R242	NV
MAP R194	38	41.57	118	56.34	5089.0	979555.56	-19.0	0.1f	1.5	-192.5	-12.9	P454	71572	R242	NV
MAP R195	38	41.78	118	56.39	5102.0	979555.26	-18.4	0.1E	1.5	-192.4	-12.9	P454	71572	R242	NV
MAP R196	38	42.03	118	56.50	5080.0	979557.56	-18.5	2.1f	3.5	-189.7	-10.5	P454	71572	R242	NV

Table 10--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE ST NAME
MAP R197	38	42.38	118	56.60	5053.0	979559.51	-19.6	0.1f	1.4	-192.0	-13.0	P454	71572	R242 NV
MAP R198	38	42.57	118	56.69	5020.0	979561.56	-21.0	0.1f	1.4	-192.2	-13.3	P454	71572	R242 NV
MAP R199	38	42.74	118	56.74	5000.0	979562.47	-22.2	0.0f	1.4	-192.7	-14.0	P454	71572	R242 NV
MAP R200	38	42.98	118	56.86	4993.0	979562.74	-22.9	0.1f	1.4	-193.3	-14.7	P454	71572	R242 NV
MAP R201	38	43.15	118	56.90	4972.0	979563.75	-24.1	0.1f	1.4	-193.7	-15.4	P454	71572	R242 NV
MAP R202	38	43.22	118	58.34	4737.0	979583.22	-26.8	0.0E	1.5	-188.3	-9.8	N323	91272	R242 NV
MAP R203	38	43.23	118	57.70	4850.0	979573.93	-25.5	0.1f	1.3	-191.0	-12.6	X834	71572	R242 NV
MAP R204	38	43.31	118	56.99	5011.0	979560.88	-23.6	0.1E	1.3	-194.6	-16.5	P454	71572	R242 NV
MAP R205	38	43.53	118	57.07	4983.0	979562.48	-24.9	0.0f	1.3	-195.0	-17.0	P454	71572	R242 NV
MAP R206	38	43.70	118	57.13	4980.0	979562.47	-25.5	0.0f	1.3	-195.5	-17.6	P454	71572	R242 NV
MAP R207	38	44.03	118	57.27	4982.0	979562.22	-26.0	0.0f	1.2	-196.1	-18.5	P454	71572	R242 NV
MAP R208	38	44.42	118	57.40	4976.0	979561.89	-27.5	0.0f	1.2	-197.4	-20.1	P454	71572	R242 NV
MAP R209	38	44.80	118	57.54	4978.0	979561.75	-28.0	0.0f	1.2	-198.0	-21.0	P454	71572	R242 NV
MAP R210	38	45.21	118	57.69	4992.0	979563.93	-25.1	0.1f	1.2	-195.6	-18.9	P454	71572	R242 NV
MAP R211	38	45.02	118	57.62	4987.0	979562.39	-26.8	0.0f	1.2	-197.2	-20.3	P454	71572	R242 NV
MAP R212	38	45.40	118	57.76	5017.0	979564.73	-22.2	0.3f	1.3	-193.4	-16.9	P454	71572	R242 NV
MAP R213	38	45.53	118	57.80	5059.0	979563.81	-19.4	0.1f	1.1	-192.2	-15.8	P454	71572	R242 NV
MAP R214	38	45.68	118	57.86	5073.0	979566.01	-16.1	0.1E	1.2	-189.4	-13.1	P454	71572	R242 NV
MAP R215	38	45.88	118	57.91	5018.0	979572.47	-15.1	0.1f	1.2	-186.5	-10.4	P454	71572	R242 NV
MAP R216	38	46.02	118	58.00	5047.0	979572.15	-12.9	0.1f	1.2	-185.3	-9.3	P454	71572	R242 NV
MAP R217	38	46.28	118	58.09	5121.0	979569.72	-8.8	0.1f	1.1	-183.8	-8.1	P454	71572	R242 NV
MAP R218	38	46.50	118	58.19	5130.0	979572.89	-5.1	0.1f	1.2	-180.3	-4.8	P454	71572	R242 NV
MAP R219	38	46.67	118	58.22	5185.0	979571.63	-1.4	0.2E	1.2	-178.5	-3.1	P454	71572	R242 NV
MAP R220	38	46.88	118	58.31	5220.0	979570.15	0.1	0.1f	1.2	-178.2	-3.1	P454	71572	R242 NV
MAP R221	38	47.22	118	58.45	5255.0	979570.18	2.9	0.1f	1.3	-176.5	-1.6	P454	71572	R242 NV
MAP R222	38	47.54	118	58.57	5329.0	979567.02	6.2	0.4E	1.5	-175.5	-0.8	P454	71572	R242 NV
MAP R223	38	47.98	118	58.75	5550.0	979555.33	14.7	0.9E	2.0	-174.1	0.2	P454	71572	R242 NV
MAP R224	38	48.54	118	58.94	5775.0	979542.82	22.5	0.2f	1.5	-174.5	-0.7	P454	71572	R242 NV
MAP R225	38	48.77	118	59.02	5734.0	979546.05	21.5	0.1f	1.3	-174.2	-0.6	P454	71572	R242 NV
MAP R226	38	49.30	118	59.22	5689.0	979548.64	19.1	0.2E	1.4	-175.0	-1.9	P454	71572	R242 NV
MAP R227	38	49.82	118	59.42	5510.0	979557.70	10.6	0.1f	1.1	-177.7	-4.9	P454	71572	R242 NV
MAP R228	38	50.01	118	59.50	5466.0	979558.44	6.9	0.1f	1.0	-180.0	-7.3	P454	71572	R242 NV
MAP R229	38	50.18	118	59.53	5380.0	979561.31	1.4	0.1E	1.0	-182.5	-10.0	P454	71572	R242 NV
MAP R230	38	50.33	118	59.60	5323.0	979563.41	-2.0	0.0f	0.9	-184.1	-11.7	P454	71572	R242 NV
MAP R231	38	50.52	118	59.69	5270.0	979564.53	-6.2	0.0f	0.8	-186.5	-14.2	P454	71572	R242 NV
MAP R232	38	50.79	118	59.78	5225.0	979564.77	-10.6	0.0f	0.8	-189.5	-17.4	P454	71572	R242 NV
MAP R233	38	51.01	118	59.84	5181.0	979565.62	-14.2	0.0f	0.7	-191.6	-19.7	P454	71572	R242 NV
MAP R235	38	50.98	119	0.69	5090.0	979576.72	-11.6	0.0f	0.7	-185.9	-13.8	C744	71572	R242 NV
MAP R236	38	50.90	119	1.00	5120.0	979578.13	-7.2	0.1E	0.7	-182.6	-10.4	C744	71572	R242 NV
MAP R237	38	50.49	119	1.31	5080.0	979580.78	-7.8	0.2f	0.9	-181.6	-9.0	C754	71572	R242 NV
MAP R238	38	50.31	119	2.00	4920.0	979591.43	-11.9	0.2E	0.9	-180.2	-7.4	C754	71572	R242 NV
MAP R239	38	50.43	119	2.91	4800.0	979594.60	-20.2	0.0f	0.6	-184.7	-11.8	C754	71572	R242 NV
MAP R240	38	50.72	119	3.70	4692.0	979606.77	-18.6	0.0f	0.6	-179.4	-6.6	C754	71572	R242 NV
MAP R241	38	50.82	119	4.40	4605.0	979617.31	-16.3	0.1E	0.6	-174.1	-1.3	F533	71872	R242 NV
MAP R243	38	43.01	118	58.90	4727.0	979588.92	-21.8	0.4E	1.9	-182.5	-3.6	C834	71672	R242 NV
MAP R244	38	42.72	118	58.92	4733.0	979588.02	-21.7	0.7E	2.3	-182.3	-3.1	N324	71672	R242 NV
MAP R245	38	42.08	118	59.09	4792.0	979580.96	-22.3	0.1E	1.7	-185.4	-5.6	N324	71672	R242 NV
MAP R246	38	41.70	118	59.85	5038.0	979561.70	-17.8	0.3E	1.7	-189.4	-9.3	F533	71672	R242 NV
MAP R247	38	41.20	119	0.93	5445.0	979539.41	-1.1	0.1E	1.3	-187.0	-6.4	N324	71672	R242 NV
MAP R248	38	42.01	119	2.80	5256.0	979541.96	-17.5	0.0f	1.6	-196.7	-16.5	F633	71672	R242 NV
MAP R249	38	43.31	119	2.17	5263.0	979552.23	-8.5	0.5E	1.6	-187.9	-9.1	X734	71672	R242 NV
MAP R250	38	42.81	119	2.96	5190.0	979547.18	-19.7	0.0E	1.4	-196.8	-17.3	C833	72072	R242 NV
MAP R251	38	42.56	119	3.39	5280.0	979538.38	-19.7	0.0f	1.5	-199.7	-20.0	C844	71672	R242 NV
MAP R252	38	42.34	119	3.72	5365.0	979532.62	-17.1	0.1E	1.7	-199.9	-19.9	C844	71672	R242 NV
MAP R253	38	42.20	119	3.88	5432.0	979528.35	-14.9	0.1f	1.8	-199.9	-19.8	C834	71672	R242 NV
MAP R254	38	41.99	119	4.25	5520.0	979520.03	-14.6	0.1f	2.0	-202.4	-22.0	C844	71672	R242 NV
MAP R255	38	41.76	119	4.55	5680.0	979512.41	-6.9	0.2E	2.2	-199.9	-19.4	C844	71672	R242 NV
MAP R256	38	41.64	119	4.99	5770.0	979510.56	-0.1	0.1f	2.4	-196.0	-15.3	C854	71672	R242 NV
MAP R257	38	41.50	119	5.36	5920.0	979500.54	4.2	0.1f	2.6	-196.6	-15.9	C854	71672	R242 NV
MAP R258	38	41.42	119	5.60	6000.0	979495.12	6.4	0.3E	2.8	-196.9	-16.1	C844	71672	R242 NV

Table 10--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE ST NAME
MAP R259	38	41.39	119	5.98	6070.0	979492.72	10.6	0.4f	3.2	-194.7	-13.8	C844	71672	R242 NV
MAP R260	38	41.18	119	6.29	6240.0	979484.67	18.9	1.2E	4.1	-191.3	-10.3	Q854	71672	R242 NV
MAP R262	38	40.87	119	6.71	6400.0	979473.97	23.7	1.8E	5.3	-190.9	-9.6	Q843	72072	R242 NV
MAP R263	38	40.63	119	6.84	6640.0	979462.24	34.8	1.9E	5.5	-187.7	-6.2	C853	72072	R242 NV
MAP R264	38	40.47	119	1.38	5340.0	979541.99	-7.4	0.3E	1.8	-189.2	-7.9	N324	71672	R242 NV
MAP R265	38	39.74	119	1.33	5263.0	979537.46	-18.0	0.2f	2.2	-196.8	-14.7	N324	71672	R242 NV
MAP R266	38	39.05	119	0.71	5127.0	979547.53	-19.8	0.2E	2.2	-193.8	-11.1	N324	71672	R242 NV
MAP R267	38	38.33	119	0.22	5027.0	979548.96	-26.7	0.0f	2.3	-197.2	-14.0	D444	71672	R242 NV
MAP R268	38	37.50	119	0.13	4991.0	979539.39	-38.4	0.0f	2.4	-207.6	-23.7	N324	71672	R242 NV
MAP R269	38	37.07	118	59.86	4934.0	979542.03	-40.5	0.0f	2.5	-207.7	-23.3	F533	71772	R242 NV
MAP R270	38	36.31	119	0.92	5147.0	979525.62	-35.8	0.1E	2.9	-209.9	-24.7	X633	71772	R242 NV
MAP R271	38	36.33	119	0.38	5005.0	979533.97	-40.8	0.0f	2.8	-210.1	-24.9	C854	71672	R242 NV
MAP R272	38	36.17	119	3.15	5920.0	979485.05	-3.5	1.7E	5.6	-201.3	-15.9	C844	71772	R242 NV
MAP R273	38	36.19	119	2.80	5725.0	979493.52	-13.4	0.7E	4.6	-205.5	-20.2	C834	71772	R242 NV
MAP R274	38	36.22	119	2.43	5600.0	979501.64	-17.0	0.4E	3.8	-205.6	-20.3	C844	71772	R242 NV
MAP R276	38	36.31	119	1.99	5440.0	979511.26	-22.6	0.1f	3.4	-206.2	-21.0	C844	71772	R242 NV
MAP R277	38	36.32	119	1.67	5330.0	979517.62	-26.6	0.0f	3.2	-206.6	-21.4	C854	71772	R242 NV
MAP R278	38	36.30	119	1.33	5255.0	979520.94	-30.3	0.0f	2.9	-208.0	-22.8	C854	71772	R242 NV
MAP R279	38	36.69	119	0.03	4951.0	979538.60	-41.8	0.0f	2.6	-209.4	-24.6	D544	71772	R242 NV
MAP R280	38	37.57	118	59.58	4940.0	979547.10	-35.6	0.1E	2.4	-203.1	-19.3	C854	71772	R242 NV
MAP R281	38	38.21	118	59.28	5210.0	979543.72	-14.5	1.2E	2.8	-190.9	-7.8	C954	71772	R242 NV
MAP R282	38	41.86	118	58.18	4765.0	979581.54	-23.9	0.0f	1.6	-186.2	-6.4	F534	71772	R242 NV
MAP R283	38	40.77	118	57.97	4819.0	979576.48	-22.3	0.1E	1.7	-186.3	-5.6	F534	71772	R242 NV
MAP R284	38	39.97	118	57.28	4981.0	979563.70	-18.7	0.0f	1.6	-188.4	-7.1	F534	71772	R242 NV
MAP R285	38	38.61	118	56.21	5150.0	979544.75	-19.7	0.0f	1.8	-195.0	-12.7	F534	71772	R242 NV
MAP R286	38	38.61	118	56.70	5040.0	979548.00	-26.8	0.4f	2.2	-197.9	-15.5	C844	71772	R242 NV
MAP R288	38	38.69	118	57.17	4960.0	979557.95	-24.5	0.2E	2.1	-193.0	-10.6	C854	71772	R242 NV
MAP R289	38	38.70	118	57.50	4910.0	979563.81	-23.3	0.2f	2.2	-190.0	-7.5	C854	71772	R242 NV
MAP R290	38	38.68	118	57.86	4860.0	979565.89	-25.9	0.2E	2.4	-190.7	-8.1	C854	71772	R242 NV
MAP R292	38	44.35	118	58.92	4738.0	979582.92	-28.7	0.0f	1.3	-190.4	-12.7	N323	91272	R242 NV
MAP R293	38	44.57	118	57.89	4909.0	979567.10	-28.8	0.0E	1.2	-196.5	-19.1	N323	91272	R242 NV
MAP R294	38	48.27	119	1.99	4604.0	979607.49	-22.5	0.4E	1.9	-179.0	-4.3	N324	71772	R242 NV
MAP R295	38	50.05	119	4.23	4574.0	979616.97	-18.5	0.6E	1.3	-174.5	-1.1	N324	71872	R242 NV
MAP R297	38	50.79	119	5.55	4539.0	979624.81	-15.0	0.5E	1.1	-170.1	2.9	N324	71872	R242 NV
MAP R298	38	50.71	119	6.46	4570.0	979620.47	-16.3	0.0f	0.5	-173.0	0.1	N324	71872	R242 NV
MAP R299	38	50.69	119	7.50	4563.0	979618.62	-18.8	0.0f	0.5	-175.3	-2.0	N324	71872	R242 NV
MAP R300	38	50.71	119	8.62	4521.0	979613.70	-27.7	0.0f	0.6	-182.6	-9.2	F534	71872	R242 NV
MAP R301	38	50.30	119	9.93	4524.0	979606.92	-33.6	0.0f	0.8	-188.4	-14.5	D543	71872	R242 NV
MAP R302	38	50.27	119	10.51	4509.0	979609.92	-32.0	0.0f	1.1	-186.0	-12.0	C644	71872	R242 NV
MAP R303	38	50.09	119	11.00	4502.0	979613.62	-28.7	0.1E	1.5	-182.0	-7.8	N324	71872	R242 NV
MAP R304	38	49.93	119	11.34	4521.0	979614.38	-25.9	0.3E	1.9	-179.5	-5.1	D544	71872	R242 NV
MAP R305	38	49.50	119	11.68	4535.0	979612.94	-25.4	1.1E	2.8	-178.6	-3.8	C754	71872	R242 NV
MAP R307	38	49.09	119	12.43	4600.0	979605.38	-26.2	4.3E	5.9	-178.6	-3.4	C754	71872	R242 NV
MAP R308	38	48.55	119	13.21	4676.0	979598.73	-24.9	0.6E	2.0	-183.8	-8.0	D544	71872	R242 NV
MAP R309	38	48.49	119	13.53	4702.0	979594.05	-27.1	0.3f	1.5	-187.3	-11.4	C754	71872	R242 NV
MAP R310	38	48.55	119	14.11	4685.0	979588.73	-34.1	0.2f	1.3	-193.9	-18.0	X724	71872	R242 NV
MAP R312	38	48.11	119	17.77	4854.0	979564.85	-41.4	0.0f	0.8	-207.5	-30.9	N323	72172	R242 NV
MAP R313	38	48.13	119	18.92	4839.0	979565.62	-42.1	0.0f	0.9	-207.6	-30.8	N323	72172	R242 NV
MAP R314	38	48.11	119	16.17	4876.0	979568.76	-35.4	0.0f	0.8	-202.4	-25.9	C733	72172	R242 NV
MAP R315	38	44.17	119	3.81	5040.0	979554.43	-28.6	0.0f	1.2	-200.7	-22.3	X834	71972	NYLEN NV
MAP R316	38	44.76	119	4.05	4981.0	979559.51	-29.9	0.0f	1.1	-200.1	-22.1	F634	71972	NYLEN NV
MAP R317	38	47.79	119	4.10	5068.0	979578.57	-7.1	0.2E	0.8	-180.5	-5.3	G643	71972	NYLEN NV
MAP R318	38	47.47	119	4.24	4960.0	979582.98	-12.4	0.3E	0.9	-182.0	-6.5	C754	71972	NYLEN NV
MAP R319	38	47.32	119	4.60	4880.0	979583.21	-19.5	0.1f	0.8	-186.5	-10.8	C754	71972	NYLEN NV
MAP R321	38	47.19	119	4.95	4809.0	979585.64	-23.5	0.0f	0.8	-188.1	-12.2	Q754	71972	NYLEN NV
MAP R322	38	47.02	119	5.33	4830.0	979578.06	-28.9	0.0f	0.8	-194.2	-18.1	C733	71972	NYLEN NV
MAP R323	38	46.80	119	5.96	4910.0	979566.67	-32.4	0.0f	0.8	-200.5	-24.2	C744	71972	NYLEN NV
MAP R324	38	46.51	119	6.38	4960.0	979559.05	-34.9	0.2E	1.0	-204.5	-27.9	C754	71972	NYLEN NV
MAP R325	38	46.25	119	6.98	5120.0	979547.24	-31.3	0.1f	1.0	-206.4	-29.5	C734	71972	NYLEN NV
MAP R326	38	46.13	119	7.33	5124.0	979547.25	-30.7	0.0f	1.0	-205.9	-29.0	C744	71972	NYLEN NV

Table 10--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAP R327	38	46.11	119	8.28	5120.0	979549.73	-28.6	0.2E	1.1	-203.5	-26.4	C754	71972	NYLEN	NV
MAP R328	38	45.79	119	8.97	5150.0	979552.33	-22.7	0.0f	1.3	-198.5	-21.0	C734	71972	NYLEN	NV
MAP R329	38	45.38	119	9.82	5385.0	979543.96	-8.4	0.2E	1.4	-192.1	-14.1	C734	71972	NYLEN	NV
MAP R330	38	45.20	119	10.02	5460.0	979537.32	-7.7	0.1f	1.4	-194.0	-15.9	C734	71972	NYLEN	NV
MAP R331	38	44.87	119	10.20	5600.0	979522.41	-9.0	0.1f	1.6	-199.8	-21.5	C844	71972	NYLEN	NV
MAP R332	38	44.21	119	10.52	5840.0	979505.77	-2.1	0.4E	2.3	-200.5	-21.6	C844	71972	R242	NV
MAP R333	38	43.62	119	10.48	6025.0	979496.24	6.6	1.1E	3.5	-196.8	-17.5	C844	71972	R242	NV
MAP R334	38	43.43	119	10.51	6160.0	979492.38	15.8	0.5f	3.4	-192.5	-13.0	C844	71972	R242	NV
MAP R335	38	43.20	119	10.26	6240.0	979487.21	18.4	1.3E	4.1	-191.8	-12.2	C844	71972	R242	NV
MAP R336	38	42.92	119	10.27	6400.0	979477.25	23.9	2.4E	5.4	-190.5	-10.7	C844	71972	R242	NV
MAP R337	38	42.85	119	10.65	6975.0	979439.07	39.9	2.8E	7.1	-192.4	-12.7	C963	71972	R242	NV
MAP R338	38	42.60	119	10.86	7315.0	979416.82	49.9	2.1E	7.9	-193.2	-13.3	C854	71972	R242	NV
MAP R339	38	30.38	118	57.60	6025.0	979462.98	-7.2	3.3E	5.1	-209.0	-19.7	C954	72072	NYLEN	NV
MAP R340	38	30.18	118	57.36	5975.0	979466.92	-7.6	0.9E	2.6	-210.3	-20.7	C954	72072	NYLEN	NV
MAP R341	38	30.14	118	56.99	5945.0	979470.11	-7.2	1.0E	2.8	-208.7	-19.2	C954	72072	NYLEN	NV
MAP R342	38	30.17	118	56.66	5600.0	979489.21	-20.6	2.0E	4.2	-208.8	-19.3	Q844	72072	NYLEN	NV
MAP R344	38	30.27	118	56.33	5680.0	979483.61	-18.8	0.2f	2.3	-211.7	-22.3	C844	72072	NYLEN	NV
MAP R346	38	30.24	118	55.94	5606.0	979483.39	-25.9	0.5E	3.0	-215.6	-26.3	C954	72072	NYLEN	NV
MAP R348	38	30.47	118	55.47	5600.0	979484.06	-26.2	0.4E	3.0	-215.6	-26.5	C954	72072	NYLEN	NV
MAP R349	38	30.60	118	55.18	5555.0	979488.92	-25.7	0.1f	3.2	-213.5	-24.6	C844	72072	NYLEN	NV
MAP R350	38	30.70	118	54.72	5600.0	979485.35	-25.2	1.0E	4.3	-213.4	-24.7	Q844	72072	NYLEN	NV
MAP R351	38	40.70	119	7.39	6720.0	979457.73	37.7	1.9E	5.4	-187.6	-6.2	C854	72072	NYLEN	NV
MAP R352	38	40.21	119	8.15	7120.0	979431.51	49.8	1.5E	5.2	-189.3	-7.6	C843	72172	NYLEN	NV
MAP R353	38	40.29	119	8.30	7210.0	979425.27	51.9	0.4f	4.2	-191.3	-9.6	C844	72172	R242	NV
MAP R354	38	39.91	119	9.18	7200.0	979425.51	51.8	1.3E	5.0	-190.3	-8.1	C844	72172	R242	NV
MAP R355	38	39.78	119	10.12	8010.0	979374.72	77.3	0.6E	6.4	-191.0	-8.9	C844	72172	R242	NV
MAP R356	38	40.07	119	9.95	8128.0	979364.65	77.9	2.6E	9.4	-191.4	-9.7	G743	72172	R242	NV
MAP R357	38	41.14	119	11.03	8220.0	979359.47	79.8	4.0E	13.8	-188.3	-7.4	H434	72172	R242	NV
MAP R358	38	43.42	119	11.75	6160.0	979489.74	13.1	2.0E	4.5	-194.0	-14.4	C864	72172	R242	NV
MAP R359	38	43.32	119	12.10	6160.0	979490.81	14.3	1.2E	3.6	-193.7	-14.0	C864	72172	R242	NV
MAP R360	38	43.61	119	12.20	6000.0	979500.84	8.9	0.3f	2.6	-194.7	-15.2	C844	72172	R242	NV
MAP R361	38	43.82	119	12.40	5840.0	979508.38	1.1	0.3E	2.2	-197.4	-18.0	C844	72172	R242	NV
MAP R362	38	43.99	119	12.50	5760.0	979511.48	-3.6	0.3f	2.1	-199.5	-20.1	C844	72172	R242	NV
MAP R363	38	44.27	119	12.56	5680.0	979515.23	-7.8	0.2E	1.7	-201.2	-22.1	C844	72172	R242	NV
MAP R364	38	44.52	119	12.60	5600.0	979518.63	-12.2	0.1f	1.5	-203.2	-24.3	C834	72172	R242	NV
MAP R365	38	44.63	119	13.06	5520.0	979523.18	-15.4	0.1f	1.4	-203.7	-24.8	C844	72172	R242	NV
MAP R366	38	44.52	119	13.70	5520.0	979524.09	-14.3	0.1E	1.3	-202.7	-23.6	C844	72172	R242	NV
MAP R367	38	44.69	119	14.51	5437.0	979537.98	-8.5	0.1f	1.3	-194.0	-15.0	C834	72172	R242	NV
MAP R368	38	45.41	119	14.14	5277.0	979543.66	-18.9	0.2E	1.3	-199.0	-20.6	C744	72172	R242	NV
MAP R369	38	45.30	119	13.52	5360.0	979535.38	-19.2	0.1f	1.2	-202.3	-23.8	Q754	72172	R242	NV
MAP R370	38	45.97	119	14.65	5182.0	979548.48	-23.8	0.3f	1.3	-200.6	-22.7	Q754	72172	R242	NV
MAP R371	38	46.90	119	15.52	5017.0	979559.53	-29.6	0.0f	0.9	-201.3	-24.0	Q734	72172	R242	NV
MAP R372	38	47.21	119	15.15	5024.0	979558.18	-30.8	0.0f	0.9	-202.7	-25.7	C734	72172	R242	NV
MAP R373	38	47.68	119	15.64	4960.0	979562.77	-32.9	0.0f	0.8	-202.7	-25.9	C744	72172	R242	NV
MAP R374	38	25.47	118	45.80	7912.0	979343.54	57.9	0.4E	4.4	-209.0	-19.5	F634	91172	CH103	NV
MAP R375	38	26.20	118	44.30	7505.0	979374.54	49.6	0.9E	5.1	-202.8	-14.0	D644	91172	CH103	NV
MAP R376	38	26.42	118	43.41	7240.0	979392.75	42.6	0.9E	5.0	-200.8	-12.2	C734	91172	CH103	NV
MAP R377	38	26.77	118	42.21	6876.0	979418.18	33.3	0.5E	4.4	-198.3	-10.2	N324	91172	CH103	NV
MAP R379	38	42.03	119	1.16	5510.0	979537.29	1.6	0.2E	1.4	-186.4	-6.5	C834	91272	NYLEN	NV
MAP R380	38	43.30	119	1.04	5378.0	979551.73	1.8	0.2E	1.2	-181.9	-3.2	X734	91272	NYLEN	NV
MAP R381	38	44.72	118	56.72	5130.0	979550.25	-25.1	0.0f	1.2	-200.3	-23.4	N324	91272	NYLEN	NV
MAP R382	38	44.99	118	56.00	5300.0	979539.95	-19.8	0.0f	1.3	-200.7	-24.1	D544	91272	NYLEN	NV
MAP R383	38	45.39	118	54.99	5590.0	979526.06	-7.0	0.2E	1.7	-197.5	-21.5	N324	91272	NYLEN	NV
MAP R384	38	45.69	118	54.00	5882.0	979520.43	14.3	0.2E	2.2	-185.6	-10.1	N324	91272	NYLEN	NV
MAP R385	38	45.76	118	53.56	6000.0	979516.36	21.3	0.2f	2.5	-182.4	-7.1	C734	91272	NYLEN	NV
MAP R386	38	45.44	118	53.15	6158.0	979506.42	26.6	0.2E	2.7	-182.2	-6.8	N324	91272	NYLEN	NV
MAP R387	38	45.11	118	52.21	6521.0	979485.17	40.0	0.4E	3.7	-180.3	-4.8	N324	91272	NYLEN	NV
MAP R388	38	44.69	118	51.47	6846.0	979464.44	50.4	1.5E	5.6	-179.0	-3.4	N324	91272	R242	NV
MAP R389	38	46.50	118	52.86	6397.0	979489.39	30.5	0.3E	3.4	-185.8	-11.4	G734	91272	R242	NV
MAP R390	38	46.79	118	52.20	6800.0	979464.77	43.3	0.6f	5.2	-184.9	-11.0	C844	91272	R242	NV

Table 10--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MAP R391	38	46.68	118	51.89	6880.0	979462.20	48.4	1.5E	6.3	-181.4	-7.4	C844	91272	R242	NV
MAP R392	38	45.10	118	59.60	4711.0	979587.63	-27.7	0.0f	1.3	-188.5	-11.3	N324	91272	R242	NV
MAP R393	38	45.74	119	0.26	4674.0	979591.05	-28.7	0.0f	1.3	-188.2	-11.5	N324	91272	R242	NV
MAP R394	38	46.45	119	0.82	4651.0	979596.61	-26.3	0.1E	1.4	-184.9	-8.8	N324	91272	R242	NV
MAP R395	38	46.83	119	1.63	4627.0	979599.39	-26.3	0.3E	1.7	-183.8	-8.0	N324	91272	R242	NV
MAP R396	38	47.49	119	2.00	4619.0	979603.86	-23.6	0.3f	1.8	-180.7	-5.3	N324	91272	R242	NV
MAP R397	38	48.80	119	2.80	4606.0	979610.00	-20.6	0.2f	1.4	-177.6	-3.3	N324	91272	R242	NV
MAP R398	38	49.12	119	3.59	4581.0	979612.16	-21.3	0.4E	1.4	-177.5	-3.4	N324	91272	R242	NV
MAP R399	38	39.76	119	14.12	6005.0	979495.32	9.5	0.2E	2.5	-194.3	-11.0	C864	91472	R242	NV
MAP R400	38	39.05	119	14.14	6013.0	979492.90	8.9	0.5E	2.8	-194.9	-11.0	C844	91572	CH103	NV
MAP R401	38	39.47	119	14.99	5740.0	979505.93	-4.4	0.2f	2.6	-199.0	-15.4	C834	91572	CH103	NV
MAP R402	38	37.14	119	12.46	6329.0	979458.60	7.1	0.1f	2.6	-207.6	-22.3	G744	91572	CH103	NV
MAP R403	38	37.30	119	10.53	6895.0	979433.58	35.0	0.4E	3.3	-198.4	-13.6	G743	91572	CH103	NV
MAP R404	38	37.09	119	11.04	6640.0	979448.07	25.9	0.6f	3.5	-198.6	-13.5	C844	91572	CH103	NV
MAP R405	38	37.00	119	10.50	6800.0	979439.33	32.3	0.4f	3.4	-197.8	-12.6	C844	91572	CH103	NV
MAP R406	38	36.05	119	9.30	7360.0	979399.92	46.9	0.5E	3.1	-202.5	-16.9	C854	91572	CH103	NV
MAP R407	38	35.32	119	8.81	7200.0	979406.89	39.9	0.2f	2.8	-204.3	-18.0	C844	91572	CH103	NV
MAP R408	38	34.77	119	8.58	7040.0	979414.39	33.2	1.7E	5.0	-203.4	-16.6	C844	91572	CH103	NV
MAP R409	38	34.35	119	10.11	6800.0	979426.21	23.1	1.0E	4.2	-206.1	-18.7	C844	91572	CH103	NV
MAP R410	38	34.21	119	10.98	6640.0	979435.14	17.2	0.7f	3.8	-207.0	-19.3	C844	91572	CH103	NV
MAP R411	38	30.74	119	11.67	6880.0	979408.49	18.2	0.2f	2.6	-215.4	-24.8	C844	91572	CH103	NV
MAP R412	38	30.60	119	10.80	6960.0	979404.51	21.9	0.2E	2.8	-214.2	-23.6	C844	91572	CH103	NV
MAP R413	38	27.88	119	10.79	6320.0	979437.95	-0.8	0.1f	3.4	-214.5	-21.4	C854	91572	CH103	NV

Table 11--Previous data in California from the U.S. Geological Survey.

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
CH98	38	56.51	119	58.58	6259.2	979499.83	13.3	0.0F	2.6	-199.1	-31.1	N123	91381	CH98	CA
CH100	38	41.65	119	59.27	8574.2	979355.94	108.8	0.9F	5.7	-179.4	-11.8	N134	pre-76	CH100	CA
CH102	38	21.06	119	26.92	6885.0	979367.03	-8.6	0.9F	4.8	-240.2	-45.4	D323	pre-76	CH102	CA
CH104	38	19.68	119	38.17	9642.8	979220.60	106.1	1.4F	7.1	-216.9	-30.5	B134	71178	CH104	CA
MBC	38	6.45	118	49.60	6790.0	979360.16	-3.0	0.0F	1.0	-235.1	-34.8	U555	pre-58		CA
MBD	38	7.32	118	51.20	6780.0	979362.54	-2.8	0.0F	1.0	-234.5	-34.2	U555	pre-58		CA
MBE	38	9.50	118	57.35	6880.0	979362.54	3.4	0.6F	2.7	-230.1	-29.3	U555	pre-58		CA
MBF	38	9.30	118	56.53	6795.0	979367.57	0.7	0.1F	2.0	-230.6	-29.9	U555	pre-58		CA
MBG	38	9.03	118	54.65	6795.0	979365.97	-0.5	0.0F	1.4	-232.4	-31.8	U555	pre-58		CA
MB461	38	1.55	118	54.12	6405.0	979381.29	-10.9	0.1F	1.5	-229.4	-26.9	U545	pre-58		CA
MB462	38	3.30	118	55.07	6407.0	979374.98	-19.6	0.0F	1.2	-238.4	-36.1	U545	pre-58		CA
MB463	38	0.96	119	8.03	6406.0	979374.70	-16.5	0.1F	5.7	-230.8	-27.7	U545	pre-58		CA
MB464	38	1.06	119	6.20	6406.0	979368.84	-22.5	0.3F	3.6	-238.9	-35.7	U545	pre-58		CA
MB465	38	2.60	119	4.65	6406.0	979377.08	-16.5	0.1F	2.5	-234.0	-30.9	U545	pre-58		CA
MB466	38	4.27	119	2.11	6406.0	979381.18	-14.9	0.0F	1.9	-233.0	-30.2	U545	pre-58		CA
MB467	38	4.86	119	0.73	6406.0	979378.41	-18.5	0.0F	1.7	-236.8	-34.3	U545	pre-58		CA
MB468	38	3.70	119	3.75	6407.0	979381.84	-13.3	0.1F	2.3	-231.0	-28.1	U545	pre-58		CA
MB469	38	4.75	118	58.50	6406.0	979367.18	-29.6	0.0F	1.4	-248.2	-45.8	U545	pre-58		CA
MB470	38	4.09	118	56.73	6406.0	979363.19	-32.6	0.0F	1.3	-251.4	-49.1	U545	pre-58		CA
MB471	38	3.20	119	7.67	6747.0	979366.90	4.5	0.1F	3.4	-223.7	-21.0	N335	pre-58		CA
MB472	38	3.55	119	6.58	6726.0	979371.83	6.9	0.3F	3.1	-220.9	-18.1	N335	pre-58		CA
MB476	38	6.03	118	58.97	6491.0	979375.64	-15.0	0.0F	1.6	-236.3	-34.3	N335	pre-58		CA
MB477	38	6.43	118	57.67	6500.0	979371.94	-18.4	0.0F	1.5	-240.2	-38.4	F535	pre-58		CA
MB484	38	0.30	119	2.64	6405.0	979344.06	-46.3	0.1F	2.1	-264.2	-60.8	U545	pre-58		CA
MB488	38	0.55	119	1.28	6405.0	979348.10	-42.6	0.0F	1.7	-260.8	-57.5	U545	pre-58		CA
MB489	38	0.72	119	2.13	6405.0	979347.60	-43.3	0.0F	1.9	-261.4	-58.1	U545	pre-58		CA
MB500	38	11.18	118	42.85	7400.0	979338.14	25.4	0.5F	2.0	-226.5	-29.7	N335	pre-58		NV
MB501	38	10.52	118	45.04	7332.0	979338.31	20.1	0.2F	1.5	-230.0	-32.4	U545	pre-58		NV
MB502	38	10.29	118	45.80	7275.0	979342.57	19.4	0.2F	1.4	-228.8	-31.0	U545	pre-58		NV
MB505	38	8.23	118	46.36	7046.0	979352.36	10.6	0.2F	1.3	-229.9	-31.0	N335	pre-58		CA
MB513	38	0.08	118	45.15	7158.0	979336.25	17.0	0.3F	1.5	-227.2	-26.4	N335	pre-58		CA
MB514	38	1.68	118	45.26	7122.0	979342.06	17.1	0.3F	1.4	-225.9	-25.5	N335	pre-58		CA
MB515	38	3.11	118	45.95	7203.0	979338.41	19.0	0.0F	1.2	-227.0	-26.8	N335	pre-58		CA
MB516	38	4.12	118	46.53	6936.0	979357.94	11.9	0.1F	1.3	-224.9	-24.7	N335	pre-58		CA
MB534	38	5.04	119	5.04	6764.0	979371.39	7.9	0.9F	3.4	-221.0	-18.4	N335	pre-58		CA
MB535	38	0.70	119	9.17	6537.0	979367.30	-11.2	3.1F	11.3	-224.4	-21.4	U535	pre-58		CA
MB536	38	1.90	119	9.54	6798.0	979359.16	3.4	0.2F	6.4	-223.5	-20.9	N335	pre-58		CA
MB537	38	3.05	119	9.80	6868.0	979357.88	7.0	0.2F	5.8	-222.9	-20.4	N335	pre-58		CA
MB538	38	4.83	119	9.87	7347.0	979327.13	18.7	2.0F	5.7	-227.7	-25.7	U535	pre-58		CA
M9	38	32.67	119	59.75	8052.0	979372.00	89.0	0.9F	6.4	-180.7	-14.8	T634	pre-70		CA
AP M-21	38	40.74	119	57.60	7955.0	979387.15	83.1	1.1F	4.7	-184.9	-15.4	C743	pre-70		CA
APM-22A	38	39.68	119	57.95	8885.0	979329.91	114.8	1.3F	7.1	-182.5	-13.9	C743	pre-70		CA
M-23	38	38.18	119	57.34	8143.0	979368.80	86.2	1.1F	4.9	-188.1	-18.5	W543	pre-70		CA
M-24	38	37.75	119	56.35	8143.0	979368.18	86.2	0.6F	4.2	-188.8	-18.2	W543	pre-70		CA
M27	38	37.25	119	55.88	8048.0	979372.24	82.1	0.6F	4.0	-189.8	-18.8	W543	pre-70		CA
M28	38	35.52	119	55.19	7780.0	979386.04	73.3	1.1F	4.3	-189.3	-17.4	T643	pre-70		CA
AP M29	38	56.58	119	56.48	8145.0	979366.56	57.1	0.4f	15.3	-206.9	-38.9	W643	pre-70		CA
MA62	38	0.46	119	21.39	10078.0	979149.46	104.0	8.2F	14.1	-226.9	-30.9	G624	pre-70		CA
MA63	38	1.45	119	18.28	12436.0	978995.83	170.3	18.0F	40.0	-214.3	-17.8	G624	pre-70		CA
MA64	38	5.49	119	19.12	9875.0	979173.86	101.9	4.6F	10.6	-225.4	-27.3	W424	pre-70		CA
MA65	38	9.32	119	26.89	11697.0	979035.44	129.0	25.8F	44.7	-225.9	-32.9	G624	pre-70		CA
MA66	38	11.96	119	23.47	10454.0	979135.51	108.5	10.3F	21.8	-227.3	-31.6	G624	pre-70		CA
MA67	38	12.75	119	26.65	11206.0	979081.15	123.6	18.3F	33.3	-226.1	-32.5	G624	pre-70		CA
MA68	38	14.27	119	30.35	10302.0	979162.44	117.8	5.9F	14.3	-220.4	-28.4	G624	pre-70		CA
MA69	38	13.30	119	34.50	9083.0	979244.87	87.1	3.5F	7.8	-216.2	-26.8	G624	pre-70		CA
MA70	38	11.57	119	31.10	10455.0	979140.65	114.3	13.2F	21.5	-221.8	-30.7	G624	pre-70		CA
MA71	38	7.33	119	32.40	10334.0	979152.32	120.8	5.4F	12.6	-220.1	-31.3	G624	pre-70		CA
MA72	38	5.84	119	34.41	9947.0	979178.60	112.9	8.5F	15.5	-212.0	-25.7	G624	pre-70		CA
MA73	38	1.77	119	30.26	8752.0	979246.02	74.1	7.6F	12.4	-213.5	-23.9	G624	pre-70		CA
MA74	38	3.00	119	26.87	10389.0	979134.45	114.5	10.1F	17.1	-223.9	-31.5	G624	pre-70		CA

Table 11--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
MA75	38	2.88	119	22.37	10696.0	979118.99	128.0	3.0F	10.8	-227.0	-31.5	W424	pre-70		CA
MA76	38	0.43	119	24.35	10030.0	979153.36	103.4	6.7F	12.8	-227.1	-33.3	G624	pre-70		CA
MA85	38	0.59	119	41.34	8194.0	979303.03	80.4	8.9F	15.6	-185.0	-11.1	G624	pre-70		CA
MA86	38	6.79	119	39.51	10108.0	979179.48	127.6	4.1F	14.0	-204.4	-24.0	G624	pre-70		CA
MA87	38	9.15	119	40.26	9389.0	979226.20	103.3	9.8F	15.4	-202.9	-21.5	G624	pre-70		CA
MA88	38	9.80	119	43.65	9009.0	979262.70	103.1	3.7F	9.0	-196.5	-19.2	G624	pre-70		CA
MA89	38	6.51	119	43.32	8852.0	979267.21	97.7	6.2F	12.2	-193.4	-17.8	G624	pre-70		CA
MA90	38	6.85	119	47.51	8362.0	979300.22	84.2	8.2F	13.9	-188.6	-19.3	V424	pre-70		CA
MA91	38	2.60	119	49.96	7695.7	979347.89	75.5	2.5F	10.0	-178.5	-17.7	V124	pre-70		CA
WL1	38	6.50	119	56.16	7692.4	979375.40	97.0	6.3F	13.7	-153.2	0.2	V424	pre-70		CA
WL2	38	4.91	119	53.49	7326.0	979379.94	69.4	10.8F	16.4	-165.6	-8.7	G624	pre-70		CA
WL3	38	5.40	119	50.10	8121.0	979323.04	86.5	3.9F	11.1	-180.8	-17.3	G734	pre-70		CA
WL4	38	9.20	119	49.37	8124.0	979330.36	88.5	4.2F	9.0	-181.1	-12.6	G734	pre-70		CA
WL5	38	11.72	119	45.89	9205.0	979258.94	115.0	2.2F	8.1	-192.2	-17.0	G734	pre-70		CA
WL6	38	12.37	119	42.47	10348.0	979176.98	139.4	5.8F	16.0	-198.7	-19.1	G734	pre-70		CA
WL7	38	13.61	119	39.32	10430.0	979166.72	135.0	5.6F	14.9	-206.8	-23.1	G734	pre-70		CA
WL8	38	10.47	119	35.54	9386.0	979225.55	100.4	2.0F	6.7	-214.4	-26.9	T634	pre-70		CA
WL9	38	11.68	119	37.93	9616.0	979219.85	114.5	0.3F	5.4	-209.2	-24.1	T624	pre-70		CA
WL10	38	15.18	119	32.52	8573.0	979275.95	67.5	3.4F	7.8	-218.5	-26.9	F424	pre-70		CA
WL11	38	15.72	119	39.31	7801.0	979325.40	43.7	6.0F	14.4	-209.5	-23.5	W634	pre-70		CA
AP WL12	38	16.77	119	44.09	7227.0	979374.68	37.5	3.3F	9.7	-200.8	-19.5	W634	pre-70		CA
WL13	38	13.88	119	44.04	9327.0	979244.04	108.4	6.1F	12.1	-199.0	-20.2	G734	pre-70		CA
WL14	38	14.38	119	47.37	9188.0	979261.14	111.7	2.6F	8.8	-194.2	-19.6	G734	pre-70		CA
WL15	38	14.42	119	51.41	9603.0	979236.52	126.0	8.5F	19.7	-183.1	-14.8	V424	pre-70		CA
WL16	38	11.71	119	49.55	8596.0	979307.36	106.2	1.0F	6.2	-182.2	-12.3	T634	pre-70		CA
WL17	38	10.53	119	51.90	7693.0	979362.78	78.5	3.3F	7.9	-177.4	-12.0	T634	pre-70		CA
WL18	38	8.07	119	52.38	7678.0	979367.06	85.0	0.4F	5.2	-173.2	-10.9	T624	pre-70		CA
AP WL19	38	8.93	119	55.11	7950.0	979357.54	99.8	5.2F	11.9	-160.9	-3.0	G634	pre-70		CA
WL 20	38	20.50	119	15.73	9406.0	979205.30	67.3	6.1F	16.0	-238.8	-42.9	F433	pre-70		CA
WL 21	38	22.90	119	14.62	9466.0	979204.65	68.8	9.1F	18.4	-236.9	-42.3	G733	pre-70		CA
WL 22	38	23.25	119	18.27	10530.0	979140.27	103.9	9.3F	22.2	-234.2	-40.5	F433	pre-70		CA
WL 24	38	28.95	119	17.96	11339.0	979097.65	128.8	13.7F	36.7	-222.0	-32.3	G733	pre-70		CA
WL 25	38	30.95	119	21.37	8725.0	979282.13	64.9	2.7F	8.0	-226.1	-36.8	F533	pre-70		CA
WL 26	38	33.30	119	23.93	8243.0	979318.46	52.4	2.3F	8.7	-221.4	-33.9	F533	pre-70		CA
WL 27	38	29.72	119	24.24	7933.0	979323.39	33.5	5.1F	9.5	-229.0	-38.7	F423	pre-70		CA
WL 28	38	25.73	119	22.96	9164.0	979236.13	67.8	2.7F	8.7	-237.5	-45.2	F423	pre-70		CA
WL 29	38	23.30	119	21.81	9971.0	979173.12	84.1	9.3F	19.3	-237.8	-44.4	F433	pre-70		CA
WL 30	38	22.11	119	36.34	11324.0	979098.53	138.4	10.3F	26.9	-221.8	-35.2	D523	pre-70		CA
WL 31	38	22.57	119	39.33	10906.0	979129.31	129.2	13.4F	26.6	-217.1	-32.5	G733	pre-70		CA
WL 32	38	21.96	119	43.36	10235.0	979177.49	115.3	11.1F	23.6	-211.4	-30.0	F533	pre-70		CA
APWL 33	38	22.34	119	46.63	9715.0	979208.55	96.9	16.1F	29.9	-205.7	-27.5	G633	pre-70		CA
APWL 34	38	26.80	119	58.13	7425.0	979399.71	66.4	7.4F	10.7	-177.7	-11.4	G633	pre-70		CA
APWL 36	38	25.31	119	50.76	8566.0	979308.62	84.7	2.8f	10.4	-198.5	-23.8	G633	pre-70		CA
APWL 37	38	23.77	119	54.85	8876.0	979281.96	89.4	19.3F	30.7	-184.0	-15.2	H433	pre-70		CA
APWL 38	38	24.27	119	57.87	6609.0	979451.68	45.4	1.6F	4.5	-177.1	-11.2	G633	pre-70		CA
APWL 39	38	28.54	119	53.46	9495.0	979254.47	113.1	12.2F	22.7	-189.4	-17.6	G633	pre-70		CA
APWL 40	38	30.18	119	50.87	9563.0	979249.40	112.0	2.1f	13.5	-201.9	-27.1	G633	pre-70		CA
APWL 41	38	28.68	119	48.15	9793.0	979217.08	103.5	8.9f	24.4	-207.4	-30.1	G633	pre-70		CA
APWL 42	38	26.93	119	43.96	10046.0	979191.45	104.2	11.3F	23.1	-216.5	-35.6	V433	pre-70		CA
WL 43	38	25.63	119	40.20	9000.0	979256.50	72.9	8.7F	13.6	-221.8	-37.1	F533	pre-70		CA
WL 44	38	23.86	119	31.40	9953.0	979172.73	81.2	9.3F	19.6	-239.9	-49.8	H423	pre-70		CA
WL 45	38	24.66	119	37.47	10435.0	979161.71	114.3	4.6F	14.6	-228.1	-42.1	G843	pre-70		CA
WL 46	38	26.09	119	34.15	10557.0	979143.68	105.6	8.3F	21.9	-233.6	-46.1	G743	pre-70		CA
WL 47	38	31.58	119	37.44	8964.0	979257.75	62.0	8.6F	17.0	-228.1	-43.6	H433	pre-70		CA
APWL 48	38	36.69	119	39.84	7300.0	979381.16	21.6	5.9F	8.6	-220.3	-38.2	G633	pre-70		CA
M PWL 49	38	43.26	119	43.44	7382.0	979387.36	25.8	4.4F	9.0	-218.5	-40.8	G753	pre-70		CA
WL 50	38	51.46	119	53.95	10881.0	979178.49	133.6	15.4F	42.1	-196.4	-27.5	H424	pre-70		CA
WL 51	38	49.01	119	50.49	9363.0	979277.31	93.4	9.3F	26.5	-200.8	-29.0	H434	pre-70		CA
APWL 52	38	45.55	119	41.14	6520.0	979454.41	8.5	4.6F	7.1	-208.3	-30.8	H434	pre-70		CA
WL 53	38	37.94	119	37.03	8938.0	979267.38	59.8	9.2F	21.3	-225.1	-43.6	F534	pre-70		CA

Table 11--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
M PWL 54	38	34.94	119	35.71	8620.0	979275.15	42.2	8.8f	24.5	-228.8	-45.1	F434	pre-70		CA
WL 55	38	26.25	119	31.57	9312.0	979219.11	63.9	11.4F	18.8	-236.2	-46.8	G734	pre-70		CA
WL 56	38	28.22	119	33.31	10232.0	979164.20	92.5	10.6F	25.6	-232.0	-44.8	H424	pre-70		CA
APWL 57	38	27.78	119	39.01	10186.0	979175.26	99.9	11.3F	23.4	-225.2	-40.9	G734	pre-70		CA
APWL 58	38	30.29	119	42.53	9817.0	979205.89	92.2	13.3F	24.2	-219.7	-38.0	F434	pre-70		CA
WL 59	38	32.63	119	45.26	10934.0	979129.49	117.2	20.3F	42.3	-214.3	-35.7	H434	pre-70		CA
APWL 60	38	32.43	119	41.10	9179.0	979254.48	77.7	2.4f	15.6	-221.1	-38.9	G744	pre-70		CA
APWL 61	38	34.70	119	43.28	9654.0	979222.74	87.2	7.0f	27.3	-216.0	-36.1	G734	pre-70		CA
APWL 62	38	38.28	119	47.77	8131.0	979344.42	60.6	5.8F	11.5	-206.7	-29.5	G734	pre-70		CA
APWL 63	38	45.23	119	59.21	9210.0	979302.81	110.1	8.4F	17.0	-188.4	-21.1	G643	pre-70		CA
APWL 64	38	39.30	119	57.26	9374.0	979284.15	115.6	10.3F	18.8	-186.7	-17.6	G643	pre-70		CA
APWL 65	38	40.87	119	54.55	8312.0	979350.29	79.6	2.4f	7.5	-197.8	-25.9	G643	pre-70		CA
APWL 66	38	38.99	119	50.91	8634.0	979306.18	68.5	7.7f	21.1	-206.3	-31.6	G643	pre-70		CA
APWL 67	38	35.93	119	52.72	8052.0	979362.49	74.7	1.5F	4.8	-196.6	-22.6	G643	pre-70		CA
WL68	38	1.47	118	43.55	7450.0	979318.22	24.4	1.2F	2.5	-228.7	-28.8	F423	pre-70		CA
WL69	38	1.52	118	41.00	6940.0	979354.49	12.6	0.4F	1.6	-224.0	-24.5	T623	pre-70		CA
WL70	38	2.98	118	38.51	7104.0	979341.39	12.8	0.6F	1.8	-229.1	-30.7	D423	pre-70		CA
WL72	38	5.45	118	53.79	6527.0	979367.66	-18.8	0.0F	1.1	-241.8	-40.2	F423	pre-70		CA
WL73	38	1.93	118	52.00	6540.6	979379.11	-0.9	0.0F	1.5	-224.0	-22.0	X423	pre-70		CA
WL74	38	0.83	118	49.00	7381.0	979326.79	27.4	0.0F	1.6	-224.2	-22.9	G623	pre-70		CA
WL75	38	4.08	118	49.75	6667.0	979372.80	1.5	0.0F	1.2	-226.1	-25.1	X423	pre-70		CA
WL76	38	3.20	118	42.79	7601.0	979311.52	29.3	0.5F	2.0	-229.4	-30.1	T634	pre-70		CA
WL77	38	10.90	118	44.16	7333.6	979338.53	19.9	0.2F	1.6	-230.1	-32.9	M234	pre-70		NV
WL78	38	10.92	118	38.30	6772.0	979381.27	9.9	1.2F	3.3	-219.3	-23.6	T634	pre-70		NV
WL80	38	12.03	118	51.36	6750.0	979371.24	-3.8	2.0F	3.9	-231.7	-32.8	T644	pre-70		CA
WL82	38	2.00	119	12.90	7775.0	979294.17	30.1	7.8F	16.1	-220.5	-19.0	T633	pre-70		CA
WL83	38	6.07	119	7.66	7615.0	979313.70	28.6	2.1F	4.6	-228.0	-26.1	T633	pre-70		CA
WL85	38	6.44	119	15.06	8548.0	979258.11	60.2	1.7F	6.4	-226.4	-26.2	F433	pre-70		CA
WL86	38	9.31	119	9.53	7480.0	979323.33	20.8	0.4F	2.5	-233.3	-32.1	T633	pre-70		CA
WL90	38	10.72	119	9.46	7360.0	979330.11	14.3	2.4F	4.5	-233.8	-32.9	F423	pre-70		CA
WL91	38	17.08	118	53.98	7520.0	979337.35	27.2	0.4F	2.5	-228.3	-31.5	F423	pre-70		NV
WL92	38	16.04	118	53.40	8125.0	979304.71	52.9	0.8F	3.4	-222.2	-25.3	F423	pre-70		NV
WL93	38	25.95	119	27.05	6189.0	979408.50	-39.7	5.7F	13.3	-239.0	-46.1	F433	pre-70		CA
WL94	38	30.81	119	28.27	5413.0	979476.77	-51.5	0.5F	6.4	-231.2	-41.1	D234	pre-70		CA
AP WL95	38	32.75	119	27.62	5361.0	979487.90	-48.1	0.6F	5.5	-226.9	-38.0	F434	pre-70		CA
WL96	38	34.72	119	30.58	5132.0	979504.92	-55.5	1.4F	6.3	-225.7	-38.7	T634	pre-70		CA
WL97	38	39.27	119	34.65	6192.0	979455.44	-12.1	2.0F	5.7	-219.1	-36.4	F434	pre-70		CA
WL98	38	41.00	119	36.64	8963.0	979278.04	68.4	6.6F	18.1	-220.6	-40.8	D234	pre-70		CA
WL99	38	12.35	118	55.58	8155.0	979287.71	44.2	1.5F	4.2	-231.2	-32.3	F433	pre-70		CA
WL100	38	14.08	118	55.56	8835.0	979254.15	72.0	1.4F	6.0	-224.8	-27.0	T633	pre-70		CA
WL101	38	16.75	119	9.02	7310.0	979344.19	14.8	1.3F	3.8	-232.3	-33.4	T633	pre-70		CA
WL102	38	16.61	119	3.39	8834.0	979250.55	64.6	2.2F	6.3	-231.9	-34.1	F433	pre-70		CA
WL103	38	19.52	119	1.75	7485.0	979330.82	13.8	1.7F	3.7	-239.2	-42.4	T633	pre-70		CN
WL105	38	21.73	119	1.84	7050.0	979376.24	15.1	1.4F	3.5	-223.4	-27.5	T633	pre-70		NV
WL106	38	21.06	119	6.63	8270.0	979291.87	46.4	1.5F	5.1	-232.1	-35.9	T633	pre-70		CA
WL107	38	24.66	119	6.81	6492.0	979415.46	-2.4	1.7F	3.8	-221.5	-26.7	G733	pre-70		NV
WL108	38	25.75	119	3.83	5827.0	979462.59	-19.4	0.5F	2.8	-216.8	-22.8	D233	pre-70		NV
WL109	38	24.17	119	4.21	6820.0	979395.38	9.1	1.6F	3.6	-221.5	-26.7	T633	pre-70		NV
WL110	38	25.05	119	9.62	5943.0	979446.20	-23.8	1.1F	4.7	-223.3	-28.2	T633	pre-70		CN
WL111	38	19.41	119	11.07	7243.0	979345.63	6.1	0.7F	3.1	-239.4	-41.7	F433	pre-70		CA
WL112	38	22.62	119	9.24	7676.0	979329.84	26.2	0.9F	3.9	-233.1	-37.4	F433	pre-70		CA
WL113	38	18.32	119	6.36	8300.0	979278.93	40.3	1.3F	4.1	-240.2	-42.7	G733	pre-70		CA
WL114	38	26.67	119	11.39	6605.0	979409.14	-1.0	0.3F	3.2	-224.6	-30.8	F433	pre-70		NV
WL115	38	25.33	119	12.98	7712.0	979325.63	21.4	3.6F	7.9	-235.2	-41.1	G733	pre-70		CA
WL117	38	27.05	119	14.33	7578.0	979342.36	23.0	3.6F	8.8	-228.1	-35.0	F433	pre-70		CA
WL118	38	29.21	119	11.54	6552.0	979428.12	9.2	0.1F	2.9	-212.8	-20.8	F433	pre-70		NV
WL119	38	9.08	119	4.28	8550.0	979255.12	53.5	0.7F	4.7	-234.8	-34.2	F434	pre-70		CA
WL120	38	13.15	119	3.37	9484.0	979198.28	78.4	2.5F	8.8	-237.5	-38.7	F434	pre-70		CA
WL121	38	14.07	119	5.15	10236.0	979142.78	92.2	0.7F	12.9	-245.1	-47.0	F434	pre-70		CA
WL122	38	17.92	119	26.86	7645.0	979324.17	24.5	1.1F	5.5	-232.2	-37.0	F433	pre-70		CA

Table 11--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
WL123	38	24.36	119	25.11	8066.0	979302.51	33.0	0.6F	4.1	-239.5	-46.3	F433	pre-70		CA
WL124	38	26.46	119	21.75	9220.0	979239.99	75.8	1.2F	7.0	-233.0	-40.9	W433	pre-70		CA
WL125	38	27.52	119	21.91	9549.0	979223.62	88.8	5.0F	12.6	-225.6	-34.3	F433	pre-70		CA
WL126	38	28.34	119	24.04	8932.0	979255.65	61.7	6.6F	14.0	-230.4	-39.7	F433	pre-70		CA
WL127	38	28.36	119	12.15	6565.0	979416.36	-0.1	0.1F	3.4	-222.1	-29.5	F434	pre-70		NV
WL128	38	28.95	119	14.54	7194.0	979372.95	14.8	1.9F	6.6	-225.5	-33.6	F434	pre-70		NV
WL129	38	30.13	119	15.62	7696.0	979340.37	27.6	2.9F	7.7	-228.6	-37.8	F434	pre-70		NV
WL131	38	32.77	119	17.16	7520.0	979366.32	33.2	3.7F	7.1	-217.7	-28.9	F434	pre-70		NV
WL132	38	35.00	119	18.36	7040.0	979407.32	25.8	2.0F	4.5	-211.4	-24.2	F434	pre-70		NV
WL133	38	33.68	119	21.02	7538.0	979369.31	36.5	1.8F	4.7	-217.4	-29.5	F434	pre-70		NV
WL134	38	35.76	119	20.12	6660.0	979426.69	8.3	4.1F	6.8	-213.5	-26.9	F434	pre-70		NV
WL135	38	36.65	119	21.85	7865.0	979350.01	43.6	3.9F	9.1	-217.0	-31.8	V434	pre-70		NV
WL136	38	34.57	119	23.20	7335.0	979389.36	36.2	0.7F	3.9	-211.6	-24.6	F434	pre-70		CN
WL137	38	37.42	119	24.21	6080.0	979469.93	-5.4	1.4F	3.8	-210.5	-25.2	F434	pre-70		NV
WL139	38	36.29	119	27.43	5269.0	979515.74	-34.1	0.6F	3.7	-211.6	-25.3	F434	pre-70		CA
WL140	38	34.91	119	27.55	5249.0	979508.18	-41.6	0.4F	4.3	-217.7	-30.3	F434	pre-70		CA
WL141	38	31.77	119	27.33	5488.0	979476.21	-46.4	0.5F	5.7	-229.4	-39.8	F434	pre-70		CA
WL142	38	35.05	119	25.90	5955.0	979468.80	-14.8	2.3F	5.6	-213.8	-26.7	F433	pre-70		CA
WL143	38	38.82	119	27.35	5220.0	979528.19	-30.0	0.1F	2.2	-207.3	-22.9	F433	pre-70		NV
WL144	38	40.10	119	26.66	5278.0	979525.95	-28.7	0.1F	2.0	-208.1	-24.8	F433	pre-70		NV
WL145	38	39.00	119	31.91	5033.0	979527.60	-48.4	2.1F	5.9	-215.7	-31.8	N233	pre-70		CA
WL148	38	44.19	119	38.64	6266.0	979471.76	4.0	3.9F	6.9	-204.4	-25.4	F433	pre-70		CA
APWL149	38	42.67	119	41.19	8058.0	979348.44	51.3	0.9f	7.3	-217.8	-39.5	F433	pre-70		CA
WL150	38	42.08	119	39.31	7141.0	979410.02	27.6	1.7F	4.5	-213.0	-33.5	F433	pre-70		CA
M PWL152	38	41.12	119	42.09	7358.0	979399.79	39.1	1.6f	5.5	-207.9	-28.7	F433	pre-70		CA
WL155	38	16.60	119	37.01	9556.0	979222.86	104.7	1.7F	7.1	-215.3	-28.0	W433	pre-70		CA
WL163	38	20.99	119	21.78	7540.0	979332.76	18.8	2.8F	6.1	-233.8	-37.8	N233	pre-70		CA
WL164	38	22.92	119	25.85	7365.0	979339.24	6.0	0.4F	3.7	-243.1	-49.0	F434	pre-70		CA
WL167	38	31.35	119	33.39	8211.0	979311.29	45.1	2.5F	8.5	-227.9	-41.1	F433	pre-70		CA
APWL169	38	50.06	119	40.98	5799.0	979520.30	-0.0	1.2f	3.5	-195.8	-20.3	C743	pre-70		NV
WL170	38	48.90	119	41.42	5090.0	979562.00	-23.3	1.5F	4.0	-194.3	-17.9	T633	pre-70		NV
WL171	38	20.85	119	20.20	7414.0	979340.59	15.0	2.5F	6.3	-233.1	-36.8	N234	pre-70		CA
WL174	38	57.61	119	46.72	4703.0	979581.60	-52.9	0.0F	2.0	-212.6	-40.7	B134	pre-70		NV
WL181	38	45.07	119	48.87	5862.0	979491.48	-15.6	0.8F	5.2	-211.8	-36.1	F433	pre-70		CA
APWL185	38	52.01	119	47.60	4789.0	979570.15	-48.0	0.1F	5.3	-207.4	-33.6	N233	pre-70		NV
WL190	38	41.89	119	49.45	5735.0	979499.67	-14.6	1.7F	7.2	-204.5	-28.0	T633	pre-70		CA
APWL192	38	46.63	119	55.38	7079.0	979438.39	43.4	0.4F	4.6	-194.9	-23.8	B133	pre-70		CA
WL194	38	41.92	119	55.74	7485.0	979409.50	59.6	0.6F	3.9	-193.2	-21.9	T633	pre-70		CA
WL195	38	39.19	119	54.97	7860.0	979381.65	71.0	1.9F	5.2	-193.3	-21.3	T633	pre-70		CA
WL196	38	36.59	119	55.49	8048.0	979371.05	81.9	0.2F	3.6	-190.5	-19.1	W433	pre-70		CA
WL197	38	43.58	119	57.18	7413.0	979418.35	59.2	1.5F	5.3	-189.8	-19.7	T633	pre-70		CA
WL200	38	58.36	119	54.60	6870.0	979468.24	36.3	1.0F	4.8	-194.7	-25.7	F433	pre-70		NV
WL205	38	11.44	119	55.49	8147.0	979342.99	100.0	2.9F	10.7	-168.6	-9.0	G623	pre-70		CA
WL206	38	14.03	119	58.17	6990.0	979425.65	70.2	3.3F	8.9	-160.9	-3.2	G623	pre-70		CA
WL207	38	13.49	119	56.42	8025.0	979352.47	95.1	6.8F	14.7	-165.4	-5.6	F423	pre-70		CA
XWB5	38	15.77	119	16.51	6499.0	979381.05	-23.1	0.0F	3.2	-243.1	-43.7	N333	pre-76		CA
XWB8	38	17.75	119	18.59	6757.0	979372.45	-10.4	1.3F	5.3	-237.0	-38.8	N333	pre-76		CA
XWB9	38	18.48	119	18.79	6840.0	979366.10	-10.0	0.7F	4.8	-240.0	-42.2	N333	pre-76		CA
XWB11	38	20.88	119	21.04	7482.0	979335.60	16.3	2.5F	6.0	-234.4	-38.3	N333	pre-76		CA
XWB12	38	20.95	119	23.09	7419.3	979338.52	13.3	1.9F	5.4	-235.9	-40.2	B133	pre-76		CA
XWB13	38	21.26	119	24.88	7188.2	979343 19	-4.3	0.4F	3.9	-247.0	-51.8	B133	pre-76		CA
XWB14	38	20.95	119	27.36	6908.9	979367.00	-6.2	0.4F	4.3	-239.1	-44.4	N334	pre-76		CA
XWB37	38	9.72	119	14.80	6878.0	979348.51	-11.2	1.2F	5.4	-241.9	-40.9	F433	pre-76		CA
XWB86	38	4.16	119	14.01	9502.0	979200.68	95.7	2.0F	8.2	-221.5	-21.5	F433	pre-76		CA
XB106	38	22.78	119	26.97	6605.0	979387.80	-16.7	2.9F	8.4	-235.1	-40.9	N334	pre-76		CA
XB107	38	20.85	119	25.77	7102.0	979348.00	-6.9	0.6F	4.1	-246.5	-51.4	B333	pre-76		CA
XB42	38	59.04	119	56.51	6304.0	979507.30	21.2	0.4F	3.2	-192.1	-23.6	F433	pre-76	CH98	NV
XB73	38	46.13	119	50.29	5826.0	979495.56	-16.4	4.3F	11.4	-205.3	-30.6	F433	pre-76	CH98	CA
AP XB82	38	46.36	119	46.12	5435.0	979523.40	-25.7	0.4F	3.3	-209.2	-32.9	C633	pre-76	CH98	CA
XB84	38	47.62	119	47.48	5264.0	979535.65	-31.4	1.0F	5.8	-206.5	-31.0	B133	pre-76	CH98	CA

Table 11--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
X106	38	45.05	119	56.42	7130.0	979433.62	45.8	0.4F	4.4	-194.5	-23.9	N233	pre-76	CH98	CA
FHS2	38	20.66	119	27.12	6949.0	979363.26	-5.8	0.5F	4.5	-239.8	-45.1	N334	68to70	CH102	CA
FHS3	38	20.56	119	26.68	7014.0	979356.27	-6.5	0.9F	4.6	-242.6	-47.7	F433	68to70	CH102	CA
FHS4	38	20.60	119	26.28	7043.0	979354.40	-5.7	1.0F	4.7	-242.8	-47.7	F433	68to70	CH102	CA
FHS6	38	21.20	119	25.41	7146.0	979344.74	-6.6	0.6F	4.1	-247.7	-52.6	F433	68to70	CH102	CA
FHS13	38	20.59	119	19.36	7247.0	979349.65	8.7	3.4F	7.6	-232.4	-35.7	N343	68to70	CH102	CA
FHS15	38	19.09	119	18.80	6897.0	979362.49	-9.1	0.3F	4.4	-241.5	-43.9	N343	68to70	CH102	CA
FHS18	38	17.33	119	18.29	6701.0	979378.63	-8.8	2.1F	6.0	-232.9	-34.4	A543	68to70	CH102	CA
FHS22	38	16.08	119	18.12	6880.0	979367.71	-1.1	1.9F	5.2	-232.0	-33.3	A543	68to70	CH102	CA
FHS23	38	15.17	119	18.33	6911.0	979359.15	-5.4	2.4F	5.8	-236.8	-37.8	A543	68to70	CH102	CA
FHS24	38	15.25	119	28.25	8453.0	979269.42	49.6	4.4F	9.7	-230.4	-36.0	F436	68to70	CH102	CA
FHS25	38	15.48	119	26.09	8724.0	979253.52	58.8	1.8F	6.2	-233.9	-38.6	F437	68to70	CH102	CA
FHS26	38	15.61	119	26.48	9150.0	979228.82	74.0	2.3F	7.0	-232.4	-37.5	F436	68to70	CH102	CA
FHS27	38	15.81	119	25.06	9350.0	979210.92	74.6	3.4F	8.7	-237.0	-41.7	F437	68to70	CH102	CA
FHS28	38	16.44	119	25.32	8732.0	979251.62	56.3	1.4F	5.4	-237.5	-42.0	F437	68to70	CH102	CA
FHS29	38	16.96	119	25.55	8384.0	979275.04	46.3	0.7F	4.5	-236.7	-41.2	F435	68to70	CH102	CA
FHS30	38	17.10	119	27.50	8454.0	979278.32	55.9	2.4F	6.6	-227.3	-32.7	F436	68to70	CH102	CA
FHS31	38	17.52	119	27.74	8414.0	979284.02	57.2	2.3F	6.5	-224.7	-30.3	F436	68to70	CH102	CA
FHS33	38	17.79	119	21.22	8707.0	979252.32	52.7	3.1F	7.6	-238.1	-41.6	G647	68to70	CH102	CA
FHS34	38	18.40	119	22.91	8607.0	979256.72	46.8	4.7F	8.4	-239.8	-43.9	F437	68to70	CH102	CA
FHS35	38	18.60	119	24.24	8395.0	979267.47	37.3	1.4F	4.9	-245.6	-50.0	F435	68to70	CH102	CA
FHS36	38	18.41	119	26.50	7888.0	979307.52	30.0	1.2F	4.7	-235.8	-40.8	F437	68to70	CH102	CA
FHS37	38	18.63	119	28.08	7615.0	979331.42	27.9	2.4F	6.7	-226.6	-32.1	F636	68to70	CH102	CA
FHS38	38	18.99	119	27.56	7567.0	979331.32	22.8	1.2F	5.1	-231.7	-37.0	F436	68to70	CH102	CA
FHS39	38	19.38	119	23.54	8848.0	979235.52	46.8	3.8F	8.7	-247.7	-52.5	F437	68to70	CH102	CA
FHS40	38	19.82	119	23.47	8563.0	979254.62	38.5	4.0F	7.8	-247.2	-51.9	F437	68to70	CH102	CA
FHS41	38	20.43	119	24.03	8071.0	979285.72	22.4	2.8F	5.8	-248.5	-53.3	F437	68to70	CH102	CA
FHS42	38	19.31	119	25.94	7695.0	979314.04	17.1	1.5F	4.6	-242.2	-47.1	F434	68to70	CH102	CA
FHS43	38	19.56	119	25.94	7380.0	979334.42	7.5	0.2F	3.7	-242.1	-46.8	F437	68to70	CH102	CA
FHS44	38	20.09	119	26.09	7333.0	979336.45	4.3	0.2F	3.4	-243.9	-48.8	F434	68to70	CH102	CA
FHS45	38	20.27	119	26.05	7366.0	979333.42	4.1	0.3F	3.4	-245.2	-50.2	F437	68to70	CH102	CA
FHS46	38	19.53	119	27.13	7326.0	979340.62	8.7	0.5F	4.3	-238.5	-43.6	F436	68to70	CH102	CA
FHS48	38	21.07	119	27.61	6894.0	979369.38	-5.4	0.2F	4.2	-237.9	-43.4	A534	68to70	CH102	CA
FHS49	38	21.29	119	27.90	6899.0	979373.28	-1.4	0.4F	4.4	-233.8	-39.5	A534	68to70	CH102	CA
FHS50	38	21.66	119	28.22	6828.0	979381.62	-0.3	1.1F	5.5	-229.2	-35.1	N333	68to70	CH102	CA
FHS51	38	21.97	119	28.84	6698.0	979388.95	-5.6	4.7F	10.0	-225.6	-31.8	N334	68to70	CH102	CA
FHS52	38	21.88	119	29.55	6731.0	979386.96	-4.4	2.2F	7.9	-227.5	-34.0	N334	68to70	CH102	CA
FHS53	38	21.65	119	29.91	6742.0	979386.56	-3.4	1.6F	7.4	-227.5	-34.1	F434	68to70	CH102	CA
FHS54	38	22.74	119	29.83	7907.0	979313.21	31.1	2.0F	5.8	-234.2	-41.9	A533	68to70	CH102	CA
FHS55	38	22.88	119	29.29	7876.0	979317.72	32.5	1.6F	5.2	-232.4	-39.9	F433	68to70	CH102	CA
FHS56	38	23.41	119	29.25	8274.0	979292.35	43.8	1.7F	5.8	-234.1	-41.9	A543	68to70	CH102	CA
FHS57	38	23.84	119	29.16	8627.0	979272.30	56.3	1.6F	6.6	-232.8	-41.0	A533	68to70	CH102	CA
FHS58	38	24.48	119	29.27	8552.0	979277.65	53.6	0.7F	5.3	-234.1	-42.6	A533	68to70	CH102	CA
FHS59	38	25.17	119	28.40	8982.0	979235.63	51.0	13.6F	20.6	-236.1	-44.8	F433	68to70	CH102	CA
FHS60	38	21.27	119	26.84	6894.0	979365.56	-9.5	0.4F	4.3	-241.9	-47.2	F434	68to70	CH102	CA
FHS61	38	21.56	119	26.55	6808.0	979367.83	-15.8	1.0F	5.2	-244.3	-49.5	F433	68to70	CH102	CA
FHS62	38	22.00	119	26.58	6700.0	979375.99	-18.4	2.1F	6.8	-241.6	-47.0	F434	68to70	CH102	CA
FHS63	38	22.25	119	26.65	6665.0	979379.69	-18.4	2.0F	6.9	-240.3	-45.8	F433	68to70	CH102	CA
FHS64	38	22.47	119	26.84	6633.0	979384.33	-17.1	2.8F	8.0	-236.8	-42.4	A534	68to70	CH102	CA
FHS66	38	23.15	119	27.14	6597.0	979388.77	-17.0	4.1F	9.8	-233.7	-39.6	F534	68to70	CH102	CA
FHS67	38	23.42	119	27.20	6564.0	979389.15	-20.1	6.3F	12.3	-233.2	-39.2	N334	68to70	CH102	CA
FHS68	38	23.68	119	27.12	6549.0	979390.38	-20.7	6.4F	12.6	-233.0	-39.1	A534	68to70	CH102	CA
FHS69	38	23.99	119	27.11	6546.0	979389.46	-22.3	7.1F	13.4	-233.7	-40.0	F433	68to70	CH102	CA
FHS70	38	24.65	119	26.95	6448.0	979394.21	-27.8	8.4F	15.1	-234.1	-40.6	A633	68to70	CH102	CA
FHS71	38	25.24	119	26.76	6413.0	979397.12	-29.0	6.2F	12.9	-236.3	-43.1	A633	68to70	CH102	CA
FHS72	38	25.74	119	26.98	6250.0	979405.82	-36.4	4.9F	12.3	-238.7	-45.7	F433	68to70	CH102	CA
FHS75	38	27.82	119	27.67	5885.0	979433.06	-46.5	8.2F	15.5	-233.2	-41.3	A533	68to70	CH102	CA
FHS76	38	28.75	119	27.54	5767.0	979444.04	-47.9	6.3F	13.1	-233.0	-41.6	A533	68to70	CH102	CA
FHS77	38	21.00	119	26.36	7368.0	979333.53	3.4	2.0F	5.0	-244.5	-49.8	A533	68to70	CH102	CA
FHS78	38	20.99	119	26.02	7377.0	979333.03	3.7	0.7F	3.7	-245.7	-50.9	F433	68to70	CH102	CA

Table 11--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE ST NAME
FHS79	38	21.35	119	25.70	7386.0	979332.39	3.4	0.4F	3.4	-246.7	-51.9	A533	68to70	CH102 CA
FHS80	38	21.63	119	25.12	7248.0	979341.28	-1.1	0.4F	3.8	-246.0	-51.1	F433	68to70	CH102 CA
FHS83	38	22.95	119	26.44	7400.0	979336.80	6.8	1.8F	4.9	-242.2	-48.4	A534	68to70	CH102 CA
FHS84	38	23.10	119	25.34	7589.0	979325.53	13.0	1.8F	5.1	-242.2	-48.2	A534	68to70	CH102 CA
FHS85	38	23.67	119	25.38	7706.0	979319.68	17.4	1.2F	4.4	-242.5	-48.8	A734	68to70	CH102 CA
FHS87	38	25.17	119	25.40	7707.0	979323.12	18.7	2.6F	6.0	-239.7	-46.8	A544	68to70	CH102 CA
FHS88	38	26.15	119	25.92	7361.0	979342.48	4.1	1.9F	5.4	-243.1	-50.6	F434	68to70	CH102 CA
FHS89	38	26.65	119	26.57	6813.0	979381.05	-9.6	1.6F	5.9	-237.6	-45.3	A544	68to70	CH102 CA
FHS91	38	27.40	119	26.86	6574.0	979398.62	-15.5	2.1F	6.7	-234.6	-42.6	F434	68to70	CH102 CA
FHS92	38	23.82	119	24.04	8383.0	979281.53	42.6	1.1F	5.0	-239.8	-46.2	A634	68to70	CH102 CA
FHS93	38	24.40	119	23.21	8322.0	979287.84	42.3	3.3F	7.2	-235.7	-42.3	A634	68to70	CH102 CA
FHS94	38	25.13	119	21.88	9227.0	979235.15	73.6	2.6F	8.3	-234.2	-41.4	A644	68to70	CH102 CA
FHS96	38	25.92	119	22.16	9344.0	979234.13	82.4	0.7F	7.0	-230.6	-38.4	A744	68to70	CH102 CA
FHS98	38	26.67	119	21.86	9280.0	979239.26	80.4	0.6F	6.7	-230.7	-38.8	A744	68to70	CH102 CA
FS100	38	27.76	119	21.33	8933.0	979265.89	72.8	1.0F	6.4	-226.8	-35.3	A744	68to70	CH102 CA
FS101	38	28.40	119	22.36	8953.0	979264.72	72.6	0.7F	6.5	-227.6	-36.7	A744	68to70	CH102 CA
FS108	38	24.31	119	20.92	8792.0	979261.31	60.1	3.1F	8.1	-233.1	-39.4	A543	68to70	CH102 CA
FS110	38	22.84	119	20.57	8232.0	979291.61	39.9	1.7F	6.1	-236.2	-41.4	A544	68to70	CH102 CA
FS111	38	22.00	119	20.69	7770.0	979318.35	24.5	1.8F	6.0	-236.0	-40.5	A544	68to70	CH102 CA
FS113	38	17.74	119	26.09	8189.0	979288.05	39.8	0.9F	4.5	-236.5	-41.3	F435	68to70	CH102 CA
FS114	38	20.33	119	25.85	7364.0	979333.47	3.9	0.2F	3.4	-245.4	-50.3	F424	68to70	CH102 CA
FS115	38	20.25	119	25.27	7291.0	979338.76	2.5	0.4F	3.7	-244.0	-48.7	A634	68to70	CH102 CA
FS116	38	20.74	119	24.99	7352.0	979331.53	0.2	0.3F	3.5	-248.5	-53.3	A644	68to70	CH102 CA
FS117	38	19.71	119	26.01	7378.0	979334.30	7.0	0.2F	3.6	-242.6	-47.4	F424	68to70	CH102 CA
FS118	38	19.10	119	25.22	7683.0	979313.30	15.5	1.6F	4.8	-243.2	-47.7	A644	68to70	CH102 CA
FS119	38	19.17	119	26.21	7689.0	979315.64	18.3	1.5F	4.8	-240.7	-45.6	F424	68to70	CH102 CA
FS120	38	18.79	119	25.72	7847.0	979305.37	23.5	1.0F	4.2	-241.5	-46.2	A644	68to70	CH102 CA
FS121	38	18.26	119	24.72	8168.0	979284.56	33.6	0.4F	3.7	-242.8	-47.2	A645	68to70	CH102 CA
FS122	38	18.52	119	23.72	8085.0	979289.69	30.5	0.7F	3.8	-242.9	-47.0	A645	68to70	CH102 CA
FS123	38	17.33	119	25.28	8337.0	979276.45	42.7	0.5F	4.1	-239.0	-43.4	A635	68to70	CH102 CA
FS124	38	15.83	119	22.81	10126.0	979154.17	90.7	8.7F	19.8	-236.1	-40.4	F425	68to70	CH102 CA
FS125	38	15.78	119	23.59	10065.0	979163.75	94.6	4.2F	13.9	-235.9	-40.5	F425	68to70	CH102 CA
FS126	38	15.69	119	24.08	10110.0	979158.80	94.0	4.7F	14.3	-237.7	-42.4	F425	68to70	CH102 CA
FS127	38	15.23	119	24.20	10145.0	979153.86	93.0	8.0F	17.6	-236.5	-41.2	F425	68to70	CH102 CA
FS128	38	16.23	119	23.54	10006.0	979167.21	91.9	4.9F	14.4	-236.2	-40.8	F425	68to70	CH102 CA
FS129	38	16.63	119	28.52	10525.0	979135.61	108.4	16.7F	29.1	-222.5	-29.7	V425	68to70	CH102 CA
MP1	38	14.31	119	20.15	6984.0	979354.29	-2.2	2.8F	7.8	-234.0	-35.3	A543	68to70	CH102 CA
MP2	38	14.05	119	21.24	7219.0	979340.02	6.0	3.2F	8.7	-233.0	-34.6	A543	68to70	CH102 CA
MP3	38	13.45	119	19.18	7128.0	979341.78	0.1	1.8F	5.7	-238.8	-39.7	A543	68to70	CH102 CA
SP2	38	21.43	119	30.64	6737.0	979384.39	-5.7	1.2F	7.4	-229.5	-36.4	F433	68to70	CH102 CA
SP3	38	21.32	119	31.08	6762.0	979382.06	-5.5	0.9F	7.5	-230.2	-37.3	N333	68to70	CH102 CA
SP4	38	21.17	119	31.50	6750.0	979381.75	-6.7	1.3F	8.3	-230.2	-37.5	A533	68to70	CH102 CA
SP5	38	21.04	119	31.92	6775.0	979382.28	-3.7	2.3F	9.6	-226.6	-34.1	F433	68to70	CH102 CA
SP6	38	20.72	119	32.52	6990.0	979373.28	8.0	3.0F	9.9	-222.0	-29.9	N333	68to70	CH102 CA
SP7	38	20.24	119	32.86	7332.0	979355.52	23.1	2.7F	8.5	-220.0	-28.2	F433	68to70	CH102 CA
SP8	38	19.99	119	33.14	7150.0	979364.85	15.7	4.0F	10.9	-218.8	-27.0	A533	68to70	CH102 CA
SP9	38	19.51	119	33.14	7155.0	979362.96	15.0	2.9F	9.8	-220.8	-29.0	F433	68to70	CH102 CA
SP10	38	19.73	119	33.34	7734.0	979330.23	36.3	4.8F	9.8	-219.1	-27.8	F433	68to70	CH102 CA
SP11	38	19.22	119	33.80	7968.0	979314.36	43.2	4.4F	9.3	-220.8	-29.8	A533	68to70	CH102 CA
SP12	38	18.88	119	34.49	8045.0	979308.61	45.2	5.1F	10.2	-220.5	-30.1	B133	68to70	CH102 CA
SP13	38	18.58	119	34.92	8159.0	979303.10	50.8	4.1F	9.4	-219.5	-29.5	A533	68to70	CH102 CA
SP14	38	18.27	119	35.52	8450.0	979288.15	63.7	2.2F	7.3	-218.7	-29.3	F533	68to70	CH102 CA
SP15	38	18.55	119	35.58	8585.0	979281.25	69.0	1.4F	6.3	-218.9	-29.7	N333	68to70	CH102 CA
SP16	38	18.75	119	35.92	8669.0	979276.86	72.2	1.2F	6.1	-218.8	-29.9	N533	68to70	CH102 CA
SP17	38	19.19	119	36.46	8972.0	979260.24	83.4	1.3F	6.2	-217.7	-29.5	N334	68to70	CH102 CA
SP18	38	19.58	119	36.80	9016.0	979253.34	80.1	1.6F	6.6	-222.2	-34.2	F533	68to70	CH102 CA
SP19	38	19.72	119	37.18	9085.0	979253.82	86.9	1.9F	6.9	-217.4	-29.8	N334	68to70	CH102 CA
SP20	38	19.67	119	37.65	9312.0	979240.35	94.8	1.9F	7.0	-217.1	-30.0	A644	68to70	CH102 CA
SP22	38	20.21	119	38.67	9427.0	979236.59	101.0	1.5F	6.8	-215.0	-28.8	N344	68to70	CH102 CA
SP23	38	19.97	119	39.18	9233.0	979248.64	95.2	2.1F	7.3	-213.7	-27.9	N344	68to70	CH102 CA

Table 11--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
SP24	38	19.64	119	39.38	9207.0	979250.21	94.8	2.5F	7.8	-212.8	-27.1	N544	68to70	CH102	CA
SP25	38	19.02	119	40.05	8568.0	979282.30	67.8	8.8F	14.4	-211.4	-26.1	A544	68to70	CH102	CA
SP26	38	18.01	119	35.86	8581.0	979279.10	67.3	2.7F	7.7	-219.0	-30.0	F633	68to70	CH102	CA
SP27	38	17.66	119	36.18	8668.0	979273.43	70.3	4.3F	9.3	-217.4	-28.7	A733	68to70	CH102	CA
SP28	38	17.10	119	36.63	9230.0	979243.33	93.8	1.8F	6.7	-215.6	-27.6	F533	68to70	CH102	CA
SP30	38	16.12	119	36.69	10077.0	979189.24	120.7	2.1F	9.3	-214.8	-27.6	F533	68to70	CH102	CA
SP31	38	15.84	119	36.36	10850.0	979127.30	131.8	11.9F	24.3	-215.0	-28.0	F534	68to70	CH102	CA
SP32	38	15.95	119	35.86	10759.0	979134.14	129.9	11.2F	23.2	-214.8	-27.4	F534	68to70	CH102	CA
SP33	38	15.83	119	35.50	10435.0	979157.12	122.7	7.0F	16.8	-217.5	-29.5	F534	68to70	CH102	CA
SP34	38	16.10	119	34.79	10286.0	979166.16	117.3	10.3F	19.9	-214.7	-26.0	F534	68to70	CH102	CA
SP35	38	16.22	119	34.36	10219.0	979166.36	111.0	10.8F	20.5	-218.1	-29.0	F534	68to70	CH102	CA
SP36	38	16.54	119	33.95	9936.0	979182.62	100.3	12.7F	21.2	-218.6	-29.0	F534	68to70	CH102	CA
SP37	38	16.02	119	33.46	8921.0	979251.63	74.7	8.1F	12.6	-218.3	-27.7	F534	68to70	CH102	CA
SP39	38	20.25	119	30.17	7216.0	979358.52	15.2	3.8F	8.1	-224.4	-31.0	F436	68to70	CH102	CA
SP40	38	21.49	119	31.58	7200.0	979357.30	10.6	3.0F	8.4	-228.0	-35.7	A533	68to70	CH102	CA
SP41	38	21.87	119	31.64	7470.0	979342.17	20.3	1.8F	6.7	-229.2	-37.2	F535	68to70	CH102	CA
SP42	38	22.27	119	31.28	7603.0	979332.19	22.2	2.5F	7.2	-231.4	-39.4	F533	68to70	CH102	CA
SP43	38	22.81	119	31.07	8013.0	979305.13	32.9	2.8F	7.1	-234.8	-43.1	F534	68to70	CH102	CA
SP44	38	23.07	119	30.56	7996.0	979304.74	30.5	3.2F	7.2	-236.4	-44.5	A533	68to70	CH102	CA
SP45	38	22.23	119	31.88	7975.0	979313.72	38.8	2.6F	7.2	-227.5	-36.0	A534	68to70	CH102	CA
SP46	38	22.41	119	32.10	8093.0	979306.47	42.4	2.6F	7.3	-227.9	-36.6	A634	68to70	CH102	CA
SP47	38	22.61	119	32.59	8450.0	979286.20	55.3	1.9F	6.8	-227.5	-36.9	A634	68to70	CH102	CA
SP52	38	21.86	119	32.78	8226.0	979302.35	51.5	2.4F	7.2	-223.3	-32.4	A544	68to70	CH102	CA
SP53	38	21.73	119	33.25	8358.0	979295.86	57.6	1.7F	6.6	-222.3	-31.7	A544	68to70	CH102	CA
SP54	38	21.92	119	34.23	8651.0	979281.18	70.2	3.1F	8.3	-218.0	-28.2	A544	68to70	CH102	CA
SP55	38	21.38	119	35.52	9238.0	979248.07	93.0	4.6F	10.0	-213.3	-24.7	A544	68to70	CH102	CA
SP57	38	20.78	119	34.52	9402.0	979230.92	92.2	4.5F	11.0	-218.8	-29.4	F434	68to70	CH102	CA
SP58	38	20.13	119	34.83	9336.0	979232.03	88.0	3.0F	9.2	-222.5	-33.3	F434	68to70	CH102	CA
SP59	38	19.91	119	36.20	9635.0	979215.86	100.3	1.8F	7.9	-221.8	-33.7	F434	68to70	CH102	CA
E0082	38	54.55	119	57.90	6293.9	979500.20	19.8	0.1F	3.7	-192.7	-24.1	B136	pre-61		CA
APE0267	38	46.50	119	49.32	5645.0	979511.20	-18.3	2.9F	9.3	-203.1	-28.1	C636	pre-61		CA
E0271	38	47.21	119	56.74	7735.0	979402.93	68.7	1.9F	5.8	-190.8	-21.0	F435	pre-61		CA
E0273	38	45.33	119	56.51	7132.5	979433.60	45.6	0.5F	4.5	-194.7	-24.2	B136	pre-61		CA
E0313	38	28.93	119	59.44	7320.7	979414.10	67.9	0.7F	4.1	-179.2	-13.9	B136	pre-61		CA
APE0316	38	33.00	119	50.83	7943.0	979357.50	63.7	2.3F	5.7	-202.9	-27.1	B136	pre-61		CA
E0318	38	35.42	119	47.35	7046.0	979408.70	27.1	2.3F	7.1	-207.6	-28.9	B136	pre-61		CA
E0319	38	37.02	119	45.08	6235.3	979454.31	-5.8	4.2F	9.6	-210.4	-30.2	B135	pre-61		CA
E0320	38	39.50	119	43.53	5695.0	979492.25	-22.3	4.1F	9.1	-208.9	-28.7	G636	pre-61		CA
APE0322	38	39.20	119	39.50	7093.0	979401.80	19.1	1.4F	4.1	-220.3	-39.2	W436	pre-61		CA
XE326	38	21.48	119	30.34	6759.0	979385.32	-2.8	1.0F	6.9	-227.9	-34.6	N333	pre-76		CA
E0331	38	18.99	119	43.74	7231.7	979373.55	33.5	5.5F	11.8	-202.9	-20.6	B136	pre-61		CA
E0332	38	19.38	119	44.97	6268.6	979424.50	-6.6	9.1F	19.1	-202.8	-21.2	B136	pre-61		CA
M PE0333	38	20.46	119	47.00	6079.3	979445.00	-5.5	4.9F	14.3	-200.1	-20.5	B156	pre-61		CA
E0335	38	21.25	119	51.69	5667.7	979482.30	-8.0	5.5F	12.8	-190.0	-16.1	B136	pre-61		CA
APE0336	38	19.68	119	54.91	6641.0	979441.45	44.9	1.2F	4.9	-178.2	-10.5	B136	pre-61		CA
M PE0337	38	16.70	119	58.23	6040.0	979483.80	35.1	0.8F	5.0	-167.4	-7.0	G666	pre-61		CA
E0338	38	14.37	119	59.65	5780.0	979504.30	34.6	0.8F	5.2	-158.8	-3.0	G636	pre-61		CA
APE0466	38	6.89	119	23.41	9820.0	979170.60	91.5	5.8F	12.0	-232.6	-36.5	W436	pre-61		CA
E0467	38	6.07	119	27.72	10140.0	979160.00	112.1	2.2F	8.0	-226.9	-34.1	W436	pre-61		CA
E0468	38	6.08	119	29.15	9290.0	979211.70	84.0	1.8F	6.6	-227.6	-35.5	G636	pre-61		CA
E0469	38	4.08	119	30.66	9020.0	979235.15	85.0	3.0F	7.6	-216.4	-26.3	G636	pre-61		CA
E0470	38	2.53	119	34.34	7960.0	979299.35	51.9	7.4F	12.9	-208.2	-22.4	G636	pre-61		CA
E0472	38	3.48	119	35.50	7730.0	979314.10	43.6	5.7F	11.4	-210.1	-25.0	G636	pre-61		CA
E0473	38	4.27	119	38.50	7940.0	979318.45	66.5	1.8F	6.5	-199.2	-17.8	W436	pre-61		CA
E0474	38	2.83	119	39.89	7670.0	979338.95	63.8	1.4F	5.9	-193.4	-14.9	W436	pre-61		CA
E0475	38	2.74	119	41.24	7630.0	979339.95	61.2	5.1F	9.6	-190.9	-14.6	W436	pre-61		CA
E0476	38	0.08	119	45.25	6930.0	979388.05	47.4	1.9F	6.9	-183.7	-16.4	G636	pre-61		CA
E0951	38	56.48	119	44.87	4745.7	979587.80	-41.0	0.0F	1.6	-202.6	-30.1	B136	pre-61		NV
M PE0953	38	50.44	119	38.11	5620.2	979537.70	0.0	0.7f	3.5	-189.7	-13.9	B136	pre-61		NV
E0954	38	46.18	119	34.75	5893.3	979505.90	0.2	1.8F	4.6	-197.7	-19.4	B136	pre-61		NV

Table 11--(continued)

STATION NAME		LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
E0959		38	27.20	119	8.91	6022.0	979451.00	-14.8	0.7F	3.5	-218.1	-24.6	B146	pre-61		NV
E0976		38	7.00	119	10.63	7837.0	979302.39	36.8	0.6F	3.3	-228.6	-27.3	B135	pre-61		CA
XE980		38	16.86	119	17.78	6624.0	979384.59	-9.4	1.8F	5.5	-231.3	-32.6	N333	pre-76		CA
XE981		38	19.85	119	19.04	7036.0	979357.69	-2.0	0.6F	4.7	-238.7	-41.6	N333	pre-76		CA
XE983		38	26.97	119	27.41	6027.4	979423.32	-41.6	6.8F	14.2	-234.5	-42.1	B133	pre-76		CA
E0984		38	32.18	119	29.64	5248.8	979490.90	-54.8	0.5F	6.1	-229.2	-40.3	B136	pre-61		CA
E0985		38	36.66	119	31.10	5033.0	979516.50	-56.1	1.8F	6.2	-223.0	-37.4	B136	pre-61		CA
M	P	78	38 57.67	119	56.93	6236.0	979505.69	15.2	0.0f	3.2	-195.8	-27.1	R545	pre-69	CH98	CA
M	P	79	38 58.49	119	56.99	6228.0	979508.51	16.1	0.0f	2.7	-195.1	-26.7	R545	pre-69	CH98	NV
M	P	81	38 56.47	119	57.06	6289.0	979499.22	15.5	0.1f	4.6	-195.9	-27.2	F535	pre-69	CH98	CA
M	P	160	38 54.34	119	57.97	6298.0	979497.52	17.8	0.0f	3.9	-194.6	-25.9	F745	pre-69	CH98	CA
M	P	161	38 53.85	119	56.03	7019.0	979447.77	36.5	0.9f	7.4	-197.0	-27.6	G645	pre-69	CH98	CA
M	P	162	38 53.72	119	54.51	7843.0	979394.90	61.3	0.4f	7.6	-200.1	-30.5	G745	pre-69	CH98	CA
M	P	202	38 42.15	119	57.56	7656.0	979408.44	74.3	0.2f	4.6	-183.8	-14.0	N545	pre-69	CH98	CA
M	P	X233	38 43.85	119	48.28	6097.0	979476.20	-7.0	0.3f	3.7	-212.7	-36.5	B133	pre-76	CH98	CA
M	P	X237	38 46.62	119	52.91	6619.0	979451.92	13.7	3.2f	12.7	-200.8	-28.0	B133	pre-76	CH98	CA
M	P	239	38 46.31	119	56.01	7089.0	979437.54	44.0	0.1f	4.8	-194.5	-23.8	N335	pre-69	CH98	CA
M	P	242	38 47.66	119	59.99	7216.0	979443.57	59.9	1.2f	6.7	-181.0	-13.4	N645	pre-69	CH98	CA

List of discarded stations:

MBA	MBB	MB473	MB474	MB475	MB478	MB479	MB480	MB481	MB482	MB490	MB499	MB503
MB504	MB506	MB507	MB517	MB539	WL 23	WL71	WL79	WL81	WL89	WL104	WL116	WL130
WL138	WL147	WL151	WL153	WL158	WL165	WL166	WL168	WL173	WL177	WL178	WL179	WL180
WL184	WL186	FHS1	FHS20	FHS81	MP4	MP5	MP6	MP7	MP8	E0265	E0266	E0314
E0322	E0327	E0333	E0334	E0478	E0952	E0955	E0956	E0957	E0958	E0960	E0961	E0962
E0963	E0964	E0965	E0966	E0967	E0968	E0969	E0970	E0972	E0977	E0978	E0979	E0982
E0986	158	159	X218	234	235	236	238					

See table 8 for stations from tables 5, 6, and 7 of Robbins and Oliver (1976).

Table 12--Data from A. H. Cogbill, Jr., Northwestern University.

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
M PSS 4	38	20.22	118	6.13	4621.0	979547.68	-39.5	0.0f	1.6	-196.9	-12.3	2746	74	HMINA	NV
M PSS 7	38	19.82	118	6.51	4662.0	979544.51	-38.2	0.0f	1.6	-197.0	-12.5	2746	74	HMINA	NV
M PSS 9	38	19.47	118	6.83	4724.0	979539.51	-36.9	0.1f	1.5	-197.9	-13.2	2746	74	HMINA	NV
M PSS 12	38	20.20	118	6.51	4717.0	979543.17	-35.0	0.1f	1.5	-195.7	-11.2	2756	74	HMINA	NV
M PSS 16	38	21.09	118	6.21	4637.0	979545.86	-41.1	0.0f	1.6	-199.0	-14.6	2756	74	HMINA	NV
M PSS 19	38	20.79	118	6.18	4636.0	979548.70	-37.9	0.0f	1.6	-195.8	-11.4	2756	74	HMINA	NV
M PSS 23	38	17.70	118	5.76	4382.0	979545.20	-60.8	0.0f	1.6	-210.0	-25.1	2756	74	HMINA	NV
M PSS 26	38	18.97	118	6.09	4518.0	979546.79	-48.3	0.0f	1.6	-202.1	-17.4	F646	74	HMINA	NV
M PSS 37	38	17.55	118	6.50	4406.0	979546.37	-57.1	0.0f	1.7	-207.0	-22.0	2746	74	HMINA	NV
M PSS 46	38	20.12	118	5.42	4546.0	979547.36	-46.7	0.0f	1.8	-201.4	-16.9	2746	74	HMINA	NV
M PSS 49	38	20.73	118	5.75	4586.0	979548.05	-43.2	0.0f	1.7	-199.3	-14.8	2756	74	HMINA	NV
M PSS 51	38	21.13	118	5.72	4581.0	979548.65	-43.6	0.0f	1.7	-199.5	-15.1	2756	74	HMINA	NV
M PSS 53	38	21.51	118	5.61	4564.0	979550.13	-44.3	0.0f	1.8	-199.5	-15.2	2756	74	HMINA	NV
M PSS 55	38	21.87	118	5.47	4556.0	979550.88	-44.8	0.0f	1.9	-199.7	-15.4	2756	74	HMINA	NV
M PSS 57	38	22.28	118	5.39	4550.0	979551.42	-45.5	0.0f	1.9	-200.0	-15.9	2756	74	HMINA	NV
M PSS 62	38	21.31	118	5.88	4590.0	979548.45	-43.3	0.0f	1.7	-199.5	-15.1	2756	74	HMINA	NV
M PSS 65	38	21.13	118	6.63	4712.0	979542.99	-37.0	0.1f	1.6	-197.5	-13.1	2746	74	HMINA	NV
M PSS 66	38	21.03	118	6.46	4669.0	979545.52	-38.3	0.0f	1.6	-197.4	-12.9	2746	74	HMINA	NV
M PSS 69	38	20.81	118	6.38	4680.0	979547.90	-34.6	0.0f	1.6	-194.0	-9.6	2756	74	HMINA	NV
M PSS 70	38	16.77	118	1.82	4558.0	979535.51	-52.5	0.1f	2.4	-207.0	-22.6	2746	74	HMINA	NV
M PSS 71	38	16.51	118	1.72	4595.0	979533.53	-50.7	0.1f	2.2	-206.6	-22.2	2746	74	HMINA	NV
M PSS 72	38	16.21	118	1.51	4710.0	979526.64	-46.3	0.1f	1.9	-206.4	-22.1	2846	74	HMINA	NV
M PSS 75	38	17.37	118	2.07	4454.0	979541.12	-57.6	0.1f	3.0	-207.8	-23.4	2746	74	HMINA	NV
M PSS 77	38	17.77	118	2.31	4415.0	979541.37	-61.6	0.1f	3.3	-210.2	-25.8	2746	74	HMINA	NV
M PSS 79	38	18.00	118	2.70	4407.0	979540.63	-63.4	0.0f	3.0	-212.1	-27.6	2746	74	HMINA	NV
M PSS 80	38	18.18	118	3.21	4407.0	979540.13	-64.2	0.0f	2.6	-213.3	-28.7	2746	74	HMINA	NV
M PSS 89	38	21.05	118	4.93	4580.0	979548.30	-44.0	0.0f	2.1	-199.4	-15.1	2746	74	HMINA	NV
M PSS 92	38	21.56	118	3.96	4738.0	979540.22	-37.9	0.1f	3.4	-197.5	-13.4	2746	74	HMINA	NV
M PSS 94	38	21.75	118	3.63	4898.0	979531.64	-31.8	0.4f	4.2	-196.0	-12.0	2946	74	HMINA	NV
M PSS 95	38	21.30	118	4.47	4631.0	979545.87	-42.0	0.1f	2.5	-198.8	-14.5	2746	74	HMINA	NV
M PSS 96	38	20.85	118	5.36	4564.0	979548.35	-45.1	0.0f	1.8	-200.3	-15.9	2746	74	HMINA	NV
M PSS100	38	15.55	118	7.67	4532.0	979538.19	-50.5	0.0f	1.6	-204.8	-19.3	2746	74	HMINA	NV
M PSS102	38	15.92	118	7.50	4458.0	979541.80	-54.4	0.0f	1.7	-206.1	-20.7	2746	74	HMINA	NV
M PSS103	38	16.13	118	7.46	4441.0	979542.15	-56.0	0.0f	1.7	-207.0	-21.7	2746	74	HMINA	NV
M PSS105	38	16.54	118	7.42	4430.0	979542.35	-57.4	0.0f	1.8	-208.1	-22.8	2746	74	HMINA	NV
M PSS113	38	20.07	118	6.80	4713.0	979540.12	-38.2	0.1f	1.7	-198.6	-14.1	2856	74	HMINA	NV
M PSS115	38	19.93	118	7.12	4781.0	979536.51	-35.2	0.2f	1.8	-197.9	-13.3	2856	74	HMINA	NV
APSS116	38	24.76	118	5.82	4625.0	979548.77	-44.7	0.0f	1.4	-202.4	-18.6	3746	74	HMINA	NV
M PSS124	38	20.53	118	5.84	4591.0	979549.14	-41.3	0.0f	1.6	-197.6	-13.1	2746	74	HMINA	NV
M PSS126	38	20.53	118	5.44	4607.0	979543.79	-45.2	0.0f	1.7	-202.0	-17.6	2746	74	HMINA	NV
M PSS128	38	20.52	118	5.03	4616.0	979543.84	-44.3	0.0f	1.8	-201.3	-16.9	2756	74	HMINA	NV
M PSS132	38	20.29	118	4.41	4714.0	979536.76	-41.8	0.1f	2.1	-201.9	-17.6	2746	74	HMINA	NV
M PSS136	38	19.75	118	5.22	4521.0	979546.37	-49.5	0.0f	1.8	-203.3	-18.8	2856	74	HMINA	NV
M PSS137	38	19.39	118	5.01	4500.0	979545.43	-51.9	0.0f	1.8	-204.9	-20.4	2856	74	HMINA	NV
M PSS139	38	18.97	118	4.94	4463.0	979544.58	-55.6	0.0f	1.8	-207.4	-22.8	2856	74	HMINA	NV
M PSS141	38	18.54	118	4.85	4422.0	979543.79	-59.6	0.0f	1.8	-210.0	-25.4	2756	74	HMINA	NV
M PSS143	38	16.62	118	7.90	4454.0	979542.89	-54.7	0.0f	1.9	-206.0	-20.7	2746	74	HMINA	NV
M PSS149	38	16.11	118	9.14	4623.0	979533.32	-47.7	0.0f	2.2	-204.5	-18.9	2856	74	HMINA	NV
M PSS151	38	16.20	118	9.69	4723.0	979528.81	-42.9	0.1f	2.5	-202.9	-17.2	2856	74	HMINA	NV
M PSS153	38	16.14	118	10.19	4839.0	979523.01	-37.7	0.1f	2.8	-201.4	-15.7	2756	74	HMINA	NV
M PSS155	38	16.12	118	10.76	4994.0	979515.27	-30.8	0.1f	3.1	-199.5	-13.6	2756	74	HMINA	NV
M PSS156	38	16.16	118	11.26	5131.0	979508.08	-25.2	0.2f	3.8	-197.8	-11.9	G636	74	HMINA	NV
APSS160	38	22.90	118	5.87	4551.0	979552.39	-45.3	0.0f	1.7	-200.2	-16.1	N326	74	HMINA	NV
APSS165	38	23.46	118	6.38	4546.0	979552.04	-46.9	0.0f	1.6	-201.7	-17.7	N326	74	HMINA	NV
M PSS169	38	19.22	118	2.29	4868.0	979525.04	-37.5	0.4f	4.7	-200.1	-16.0	2756	74	HMINA	NV
M PSS170	38	18.41	118	3.99	4428.0	979539.77	-62.9	0.0f	2.1	-213.2	-28.7	2746	74	HMINA	NV
M PSS173	38	20.66	118	4.03	4835.0	979531.19	-36.5	0.1f	2.4	-200.4	-16.2	2756	74	HMINA	NV
M PSS175	38	21.00	118	3.25	5107.0	979516.12	-26.5	0.3f	3.8	-198.3	-14.3	2856	74	HMINA	NV
M PSS177	38	20.85	118	3.61	4955.0	979524.90	-31.8	0.2f	3.1	-199.2	-15.0	2856	74	HMINA	NV
M PSS178	38	22.63	118	7.54	4859.0	979538.80	-29.5	0.0f	1.3	-195.4	-11.3	F536	74	HMINA	NV

Table 12--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
M PSS181	38	22.21	118	7.63	4929.0	979534.29	-26.9	0.0f	1.3	-195.1	-10.9	2756	74	HMINA	NV
M PSS182	38	22.19	118	7.02	4806.0	979540.14	-32.6	0.0f	1.3	-196.6	-12.4	2756	74	HMINA	NV
M PSS192	38	15.24	118	5.23	4437.0	979537.97	-59.2	0.0f	1.5	-210.4	-25.3	X636	74	HMINA	NV
M PSS195	38	15.24	118	7.45	4585.0	979535.44	-47.8	0.0f	1.5	-204.0	-18.6	X636	74	HMINA	NV
M PSS201	38	17.86	118	6.33	4423.0	979547.34	-55.0	0.0f	1.6	-205.5	-20.6	X636	74	HMINA	NV
M PSS202	38	15.24	118	6.34	4486.0	979538.17	-54.4	0.0f	1.5	-207.3	-22.0	X636	74	HMINA	NV
M PSS203	38	20.67	118	2.51	5820.0	979472.67	-2.5	3.6f	7.9	-194.6	-10.8	F736	74	HMINA	NV
M PSS204	38	19.61	118	3.65	4780.0	979528.86	-42.5	0.1f	2.4	-204.5	-20.3	3746	74	HMINA	NV
M PSS205	38	20.40	118	7.14	5010.0	979528.47	-22.4	1.0f	2.3	-192.4	-8.0	G736	74	HMINA	NV
M PSS206	38	20.31	118	7.83	5511.0	979493.45	-10.2	3.3f	5.1	-194.5	-10.1	G736	74	HMINA	NV
M PSS207	38	15.85	118	6.08	4416.0	979538.58	-61.5	0.0f	1.5	-212.0	-26.8	H436	74	HMINA	NV
M PSS208	38	15.38	118	4.50	4422.0	979534.46	-64.3	0.0f	1.5	-215.0	-30.1	G646	74	HMINA	NV
M PSS210	38	15.66	118	4.05	4435.0	979531.78	-66.2	0.0f	1.4	-217.4	-32.6	G646	74	HMINA	NV
M PSS211	38	15.97	118	3.60	4439.0	979531.19	-66.9	0.0f	1.4	-218.2	-33.5	2756	74	HMINA	NV
M PSS212	38	16.26	118	3.48	4424.0	979532.83	-67.1	0.0f	1.5	-217.8	-33.2	2756	74	HMINA	NV
M PSS214	38	16.71	118	3.32	4408.0	979535.01	-67.1	0.0f	1.7	-217.0	-32.4	2756	74	HMINA	NV
M PSS216	38	16.93	118	2.89	4405.0	979537.04	-65.6	0.0f	2.0	-215.2	-30.6	2756	74	HMINA	NV
M PSS217	38	17.16	118	2.60	4404.0	979538.83	-64.3	0.0f	2.3	-213.5	-28.9	2756	74	HMINA	NV
APSS221	38	24.57	118	3.44	5220.0	979525.67	-11.6	0.6f	2.3	-188.7	-5.1	G636	74	HMINA	NV
APSS225	38	25.09	118	7.51	4523.0	979556.11	-47.4	0.0f	1.7	-201.4	-17.6	N326	74	HMINA	NV
M PSS226	38	25.78	118	8.45	4530.0	979562.11	-41.8	0.1f	2.4	-195.3	-11.6	F636	74	HMINA	NV
M PSS229	38	19.94	118	7.93	5379.0	979502.03	-13.5	2.4f	3.9	-194.5	-10.0	G636	74	HMINA	NV
M PSS230	38	18.83	118	7.76	5023.0	979517.26	-30.1	1.3f	2.7	-200.1	-15.3	G646	74	HMINA	NV
M PSS231	38	20.89	118	7.60	5302.0	979511.05	-13.1	1.3f	2.7	-192.7	-8.4	G646	74	HMINA	NV
M PSS232	38	21.28	118	8.14	5322.0	979509.96	-12.9	1.2f	2.5	-193.3	-9.0	G636	74	HMINA	NV
M PSS233	38	18.72	118	3.23	4566.0	979534.96	-55.2	0.1f	2.6	-209.6	-25.3	U756	74	HMINA	NV
M PSS234	38	20.92	118	6.53	4683.0	979546.56	-35.8	0.1f	1.6	-195.3	-10.9	2746	74	HMINA	NV
M PSS236	38	20.66	118	6.52	4736.0	979545.92	-31.1	0.1f	1.5	-192.5	-8.0	2856	74	HMINA	NV
M PSS238	38	20.56	118	6.70	4786.0	979542.20	-30.0	0.1f	1.5	-193.1	-8.6	2756	74	HMINA	NV
M PSS241	38	21.34	118	6.86	4770.0	979538.43	-36.4	0.1f	1.5	-199.0	-14.6	2746	74	HMINA	NV
M PSS243	38	21.61	118	7.16	4823.0	979535.80	-34.4	0.1f	1.4	-198.9	-14.5	2746	74	HMINA	NV
M PSS245	38	21.90	118	8.10	4996.0	979528.76	-25.6	0.1f	1.5	-196.0	-11.6	2746	74	HMINA	NV
M PSS247	38	21.80	118	7.60	4904.0	979531.44	-31.5	0.1f	1.5	-198.7	-14.3	2746	74	HMINA	NV
M PSS250	38	17.62	118	8.56	4770.0	979531.39	-38.0	0.1f	2.0	-200.0	-14.8	2946	74	HMINA	NV
M PSS252	38	17.44	118	8.15	4581.0	979538.88	-48.0	0.1f	2.1	-203.5	-18.3	2746	74	HMINA	NV
M PSS254	38	17.29	118	7.58	4473.0	979545.27	-51.5	0.0f	1.9	-203.5	-18.3	2846	74	HMINA	NV
M PSS255	38	16.11	118	4.11	4412.0	979533.12	-67.7	0.0f	1.4	-218.1	-33.3	X746	74	HMINA	NV
M PSS256	38	16.69	118	4.44	4379.0	979535.16	-69.6	0.0f	1.5	-218.8	-34.0	X746	74	HMINA	NV
M PSS257	38	16.70	118	5.76	4370.0	979538.98	-66.6	0.0f	1.5	-215.5	-30.5	3746	74	HMINA	NV
M PSS258	38	17.17	118	4.60	4367.0	979539.69	-66.9	0.0f	1.6	-215.6	-30.8	3756	74	HMINA	NV
M PSS260	38	16.96	118	5.12	4366.0	979537.94	-68.4	0.0f	1.5	-217.2	-32.3	3756	74	HMINA	NV
M PSS261	38	16.31	118	5.72	4380.0	979538.53	-65.6	0.0f	1.4	-214.9	-29.8	X746	74	HMINA	NV
M PSS262	38	16.82	118	4.11	4378.0	979536.15	-68.9	0.0f	1.5	-218.0	-33.3	U766	74	HMINA	NV
M PSS263	38	17.41	118	3.77	4370.0	979537.99	-68.7	0.0f	1.8	-217.2	-32.6	U766	74	HMINA	NV
M PSS264	38	17.38	118	3.29	4378.0	979538.23	-67.6	0.0f	2.0	-216.3	-31.7	U766	74	HMINA	NV
M PSS265	38	17.93	118	3.70	4380.0	979540.07	-66.4	0.0f	2.1	-215.0	-30.5	U766	74	HMINA	NV
M PSS266	38	18.59	118	9.73	5432.0	979498.71	-9.9	0.6f	3.4	-193.2	-8.2	G636	74	HMINA	NV
M PSS267	38	18.86	118	9.05	5242.0	979507.19	-19.6	0.8f	2.9	-197.0	-12.1	G636	74	HMINA	NV
M PSS268	38	18.63	118	8.49	5111.0	979513.39	-25.4	0.8f	2.5	-198.6	-13.7	G636	74	HMINA	NV
M PSS269	38	11.41	118	9.61	5632.0	979473.53	-5.7	0.2f	0.9	-198.4	-12.1	G746	74	HMINA	NV
M PSS270	38	11.76	118	9.49	5768.0	979466.73	-0.3	1.4f	2.2	-196.3	-10.1	G736	74	HMINA	NV
M PSS275	38	9.00	118	6.14	6659.0	979403.05	23.8	4.1f	8.7	-196.1	-10.7	H436	74	HMINA	NV
M PSS277	38	10.43	118	8.25	5994.0	979444.02	0.2	0.9f	1.7	-204.0	-18.1	G636	74	HMINA	NV
M PSS278	38	12.08	118	8.51	5946.0	979455.87	5.1	0.8f	1.8	-197.3	-11.5	G636	74	HMINA	NV
M PSS280	38	12.78	118	7.76	6271.0	979433.80	12.6	2.0f	5.2	-197.5	-12.2	G746	74	HMINA	NV
M PSS281	38	13.05	118	7.29	6283.0	979432.46	12.0	3.7f	8.0	-195.8	-10.6	G636	74	HMINA	NV
M PSS282	38	13.45	118	9.33	5436.0	979489.84	-10.8	1.7f	2.7	-195.0	-9.1	G746	74	HMINA	NV
M PSS283	38	22.79	118	1.87	6778.0	979428.26	40.0	2.6f	8.0	-184.6	-1.3	G636	74	HMINA	NV
M PSS285	38	22.84	118	1.30	7347.0	979390.92	56.1	3.1f	10.9	-185.2	-2.1	G636	74	HMINA	NV
M PSS287	38	21.33	118	9.77	6063.0	979464.91	11.6	1.5f	3.8	-192.8	-8.6	G646	74	HMINA	NV

Table 12--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE ST NAME
M PSS288	38	22.38	118	0.15	7557.0	979379.16	64.7	2.3f	8.8	-185.7	-2.6	F646	74	HMINA NV
M PSS289	38	19.97	118	2.21	5595.0	979484.72	-10.5	2.2f	6.5	-196.4	-12.5	G736	74	HMINA NV
M PSS290	38	15.86	118	1.19	4995.0	979507.83	-37.8	0.9f	2.2	-207.4	-23.2	G746	74	HMINA NV
M PSS291	38	15.79	118	0.44	5230.0	979497.12	-26.3	1.6f	2.8	-203.3	-19.3	G746	74	HMINA NV
APSS292	38	15.43	118	0.58	5151.0	979498.62	-31.7	0.4f	1.4	-207.4	-23.3	G646	74	HMINA NV
M PSS293	38	17.04	118	11.04	5657.0	979477.38	-7.8	2.9f	6.5	-195.7	-10.2	G636	74	HMINA NV
M PSS294	38	18.25	118	9.33	5396.0	979494.69	-16.8	2.2f	4.4	-197.8	-12.8	G636	74	HMINA NV
M PSS295	38	18.02	118	8.47	4993.0	979517.76	-31.2	0.9f	2.6	-200.3	-15.3	G646	74	HMINA NV
M PSS298	38	17.44	118	9.58	5033.0	979514.68	-29.7	0.2f	2.7	-200.1	-14.8	2856	74	HMINA NV
M PSS301	38	17.00	118	9.94	5017.0	979513.69	-31.5	0.2f	2.8	-201.3	-15.8	2956	74	HMINA NV
M PSS304	38	16.63	118	9.48	4779.0	979525.20	-41.9	0.2f	2.4	-203.8	-18.3	2956	74	HMINA NV
M PSS306	38	16.41	118	9.19	4645.0	979532.09	-47.3	0.1f	2.3	-204.8	-19.2	2856	74	HMINA NV
M PSS307	38	11.52	118	4.41	5686.0	979471.84	-2.5	0.8f	1.7	-196.2	-11.4	G636	74	HMINA NV
M PSS308	38	12.17	118	3.88	5750.0	979466.34	-2.9	1.5f	2.7	-197.8	-13.1	G746	74	HMINA NV
M PSS309	38	10.07	118	6.64	6142.0	979432.91	3.6	0.1f	1.2	-206.3	-20.8	G746	74	HMINA NV
M PSS310	38	11.09	118	6.19	6711.0	979397.30	19.9	1.4f	5.9	-204.6	-19.5	G746	74	HMINA NV
M PSS311	38	11.81	118	6.19	6530.0	979412.53	17.1	3.3f	7.0	-200.1	-15.1	G636	74	HMINA NV
M PSS312	38	11.45	118	7.14	6481.0	979416.69	17.2	2.3f	5.1	-200.2	-14.9	G636	74	HMINA NV
M PSS313	38	9.14	118	7.20	5763.0	979460.78	-2.8	0.2f	0.9	-200.0	-14.0	C736	74	HMINA NV
M PSS314	38	9.45	118	6.10	5858.0	979453.84	-1.3	0.8f	1.6	-201.0	-15.5	C836	74	HMINA NV
M PSS315	38	9.55	118	5.14	5648.0	979469.86	-5.2	0.6f	1.7	-197.6	-12.2	C836	74	HMINA NV
M PSS320	38	17.20	118	1.53	4667.0	979532.59	-45.8	0.3f	3.1	-203.3	-19.0	C756	74	HMINA NV
M PSS321	38	16.99	118	0.54	5135.0	979512.01	-22.1	0.5f	3.1	-195.6	-11.6	C856	74	HMINA NV
M PSS322	38	16.90	118	1.09	4858.0	979524.36	-35.7	0.3f	2.7	-200.0	-15.9	C856	74	HMINA NV
M PSS323	38	13.72	118	8.23	5384.0	979491.90	-14.0	2.6f	3.9	-195.2	-9.7	G636	74	HMINA NV
M PSS324	38	15.10	118	8.46	4806.0	979525.37	-36.9	0.4f	1.8	-200.4	-14.8	G636	74	HMINA NV
M PSS325	38	15.46	118	8.76	4875.0	979517.88	-38.4	1.3f	2.8	-203.3	-17.7	G636	74	HMINA NV
M PSS326	38	15.43	118	9.72	5048.0	979508.76	-31.3	1.1f	2.7	-202.1	-16.3	G636	74	HMINA NV
M PSS327	38	11.50	118	8.55	6001.0	979450.78	6.1	1.0f	2.0	-198.1	-12.2	G736	74	HMINA NV
M PSS328	38	11.32	118	8.06	6145.0	979439.57	8.7	0.4f	1.7	-200.7	-15.0	G746	74	HMINA NV
M PSS331	38	13.87	118	5.50	5275.0	979493.78	-22.6	2.1f	3.4	-200.5	-15.6	G636	74	HMINA NV
M PSS332	38	13.30	118	4.98	5835.0	979460.40	-2.5	4.9f	7.4	-195.7	-10.9	G636	74	HMINA NV
APSS333	38	12.14	118	5.22	6217.0	979436.82	11.5	1.6f	4.1	-198.0	-13.1	G646	74	HMINA NV
M PCB 2	38	8.69	118	8.39	5852.0	979454.66	0.1	0.9f	1.6	-199.4	-13.0	G635	75	HMINA NV
M PCB 3	38	9.01	118	2.80	5845.0	979464.98	9.3	0.4f	1.7	-189.9	-5.2	G745	75	HMINA NV
M PCB 4	38	9.19	118	4.69	6219.0	979438.42	17.6	0.9f	2.9	-193.1	-8.0	G745	75	HMINA NV
M PCBA06	38	9.88	118	4.41	5476.0	979483.52	-8.1	0.5f	1.5	-194.9	-9.8	A735	75	HMINA NV
APCB012	38	9.57	118	6.56	6167.0	979428.42	2.2	1.1f	2.3	-207.4	-21.8	G635	75	HMINA NV
M PCB016	38	10.52	118	7.38	6071.0	979438.57	1.9	0.7f	1.6	-205.1	-19.5	G635	75	HMINA NV
M PCB017	38	10.92	118	7.43	6115.0	979438.08	4.9	1.0f	2.0	-203.2	-17.6	G635	75	HMINA NV
M PCB 18	38	11.32	118	7.69	6196.0	979434.75	8.6	1.2f	2.6	-201.6	-16.0	G745	75	HMINA NV
M PCB 41	38	10.59	118	5.25	6129.0	979437.57	6.2	1.3f	2.9	-201.4	-16.4	F635	75	HMINA NV
M PCBA44	38	11.95	118	0.81	5023.0	979510.05	-27.2	0.0f	0.4	-199.6	-15.3	A755	75	HMINA NV
M PCBA45	38	11.44	118	1.65	5106.0	979506.28	-22.5	0.0f	0.4	-197.6	-13.1	A755	75	HMINA NV
M PCB050	38	12.57	118	5.23	6441.0	979415.20	10.3	5.4f	10.5	-200.4	-15.7	G635	75	HMINA NV
M PCB 51	38	12.94	118	5.51	5615.0	979476.57	-6.5	0.5f	1.8	-197.7	-12.7	C855	75	HMINA NV
M PCB058	38	12.04	118	3.18	5620.0	979471.31	-10.0	2.6f	3.6	-199.5	-14.9	G635	76	HMINA NV
M PCB059	38	12.94	118	1.42	5270.0	979492.20	-23.3	0.6f	1.3	-203.2	-19.0	G645	76	HMINA NV
APCB060	38	12.80	118	2.82	5281.0	979493.04	-21.2	0.6f	1.2	-201.6	-17.1	G635	76	HMINA NV
M PCB061	38	13.15	118	3.70	5610.0	979469.64	-14.2	3.5f	5.1	-202.0	-17.4	G635	76	HMINA NV
M PCB062	38	13.17	118	4.37	5665.0	979467.28	-11.5	3.1f	4.7	-201.4	-16.7	G635	76	HMINA NV
M PCB063	38	13.91	118	3.88	5285.0	979488.54	-27.0	3.4f	4.8	-203.9	-19.3	G635	76	HMINA NV
APCB064	38	12.12	118	7.15	6362.0	979428.91	17.2	1.4f	4.1	-197.2	-11.9	G635	76	HMINA NV
APCB065	38	12.44	118	6.57	6303.0	979432.04	14.3	4.1f	7.2	-195.0	-9.9	G635	76	HMINA NV
APCB066	38	12.88	118	6.50	5911.0	979457.38	2.2	4.3f	6.2	-194.7	-9.5	G635	76	HMINA NV
M PCB117	38	7.80	118	10.78	6278.0	979425.27	12.0	0.9f	2.1	-201.5	-14.3	G635	76	HMINA NV
M PCB118	38	8.17	118	9.38	6130.0	979435.73	8.0	1.9f	2.9	-199.6	-12.8	G635	76	HMINA NV
M PCB119	38	8.74	118	4.80	6356.0	979429.28	22.0	1.8f	4.9	-191.4	-6.3	G635	76	HMINA NV
M PEX 3	38	17.78	118	15.38	8259.0	979319.65	77.9	2.1f	11.3	-194.0	-8.5	G755	75	HMINA NV
M PEX 4	38	17.54	118	15.94	7921.0	979338.68	65.6	2.9f	9.6	-196.5	-10.8	G635	75	HMINA NV

Table 12--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
APEX 5	38	18.39	118	16.15	8091.0	979323.56	65.1	2.3f	11.4	-200.9	-15.3	G645	75	HMINA	NV
M PEX 6	38	17.56	118	18.20	7501.0	979368.04	55.4	1.9f	6.7	-195.2	-8.7	G635	75	HMINA	NV
M PEX 7	38	15.61	118	18.22	5995.0	979446.80	-4.5	3.2f	5.9	-204.5	-16.9	G635	75	HMINA	NV
M PEX 9	38	18.72	118	13.25	7590.0	979362.81	56.8	1.3f	6.9	-196.6	-11.6	G745	75	HMINA	NV
M PEX 10	38	18.59	118	14.51	8133.0	979323.92	69.2	1.8f	11.4	-198.3	-13.2	G635	75	HMINA	NV
M PEX 11	38	17.01	118	20.31	7133.0	979386.61	40.2	2.8f	6.5	-198.1	-10.8	G635	75	HMINA	NV
M PEX 12	38	17.84	118	20.46	7850.0	979330.68	50.4	4.5f	12.0	-206.8	-20.0	G645	75	HMINA	NV
M PEX 13	38	17.65	118	21.02	7917.0	979325.27	51.6	3.9f	12.3	-207.5	-20.5	G645	75	HMINA	NV
M PEX 14	38	16.01	118	21.41	5852.0	979460.04	-5.3	2.0f	6.2	-200.1	-11.6	C735	75	HMINA	NV
M PEX015	38	17.62	118	23.76	8485.0	979291.41	71.1	1.2f	12.9	-206.8	-19.1	G635	75	HMINA	NV
M PEX016	38	16.79	118	15.52	8805.0	979271.91	82.9	5.8f	24.6	-194.1	-8.6	H435	75	HMINA	NV
AP GV 6	38	38.02	118	13.29	6262.0	979487.96	28.9	1.2f	3.9	-182.3	-3.5	N325	75to76	HMINA	NV
AP GV37	38	54.59	118	22.52	4163.6	979641.38	-39.3	0.0f	0.4	-182.3	-12.4	F535	75to76	HAWTH	NV
AP GV38	38	52.77	118	22.61	4205.7	979634.20	-39.9	0.0f	0.4	-184.2	-13.5	N325	75to76	HAWTH	NV
AP GV66	38	45.23	118	28.16	5490.7	979550.09	7.9	0.0f	0.6	-180.3	-6.4	N225	75to76	HAWTH	NV
M PPL 1	38	23.35	118	1.10	6702.0	979437.15	40.9	1.8f	5.8	-183.4	-0.1	G635	75	HMINA	NV
M PPL 2	38	24.02	118	1.11	6158.0	979472.34	24.0	1.7f	4.1	-183.4	0.0	G635	75	HMINA	NV
M PPLA 4	38	20.42	118	1.83	5690.0	979479.72	-7.3	4.1f	9.6	-193.2	-9.4	A845	75	HMINA	NV
M PPLA 6	38	20.56	118	0.77	6570.0	979428.88	24.4	4.9f	11.4	-189.9	-6.4	A845	75	HMINA	NV
M PPL 7	38	24.68	118	0.93	5876.0	979488.29	12.5	1.1f	2.9	-186.5	-3.0	G635	75	HMINA	NV
M PPL 8	38	24.81	118	1.76	5632.0	979501.20	2.3	0.6f	2.3	-188.9	-5.4	G645	75	HMINA	NV
M PPL 9	38	25.01	118	2.51	5456.0	979510.90	-4.8	0.8f	2.3	-190.0	-6.5	G635	75	HMINA	NV
M PPL 11	38	25.45	118	3.33	5164.0	979526.12	-17.7	0.3f	1.7	-193.5	-10.0	G645	75	HMINA	NV
M PRM004	38	14.83	118	2.21	4637.0	979525.38	-52.4	0.0f	1.2	-210.7	-26.2	2755	76	HMINA	NV
M PRM007	38	15.12	118	2.55	4581.0	979527.71	-55.8	0.0f	1.3	-212.1	-27.5	2755	76	HMINA	NV
M PRM011	38	15.49	118	2.97	4503.0	979529.80	-61.6	0.0f	1.4	-215.1	-30.5	2755	76	HMINA	NV
M PRM015	38	15.18	118	3.55	4498.0	979530.53	-60.8	0.0f	1.3	-214.3	-29.5	2755	76	HMINA	NV

Table 13--Previous data in Nevada from the U.S. Geological Survey.

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
3908	38	6.66	118	0.95	4545.0	979536.23	-38.2	0.1h	0.9	-193.7	-8.9	N32	71to76		NV
3909	38	6.74	118	3.02	4772.0	979520.11	-33.1	0.3h	1.1	-196.1	-10.8	G539	71to76		NV
3910	38	6.66	118	4.65	4912.0	979505.54	-34.4	0.2h	1.2	-202.2	-16.3	G53	71to76		NV
3911	38	5.81	118	1.69	4562.0	979527.80	-43.8	0.0h	0.8	-200.0	-14.9	N32	71to76		NV
3913	38	4.13	118	2.79	4543.0	979522.69	-48.3	0.0h	1.0	-203.5	-17.9	N325	71to76		NV
3914	38	3.21	118	3.31	4581.0	979518.50	-47.5	0.0h	1.2	-204.0	-17.9	N32	71to76		NV
3915	38	2.44	118	3.78	4626.0	979517.49	-43.2	0.0h	1.3	-201.0	-14.7	N32	71to76		NV
3929	38	0.97	118	1.57	4552.0	979516.49	-49.0	0.0h	1.0	-204.6	-18.9	N325	71to76		NV
3930	38	0.91	118	2.65	4645.0	979515.26	-41.4	0.0h	1.2	-200.0	-13.8	N32	71to76		NV
3931	38	0.80	118	4.16	4808.0	979507.93	-33.2	0.1h	1.4	-197.2	-10.4	N32	71to76		NV
3932	38	0.81	118	5.01	4906.0	979497.16	-34.8	0.1h	1.5	-202.1	-15.0	N32	71to76		NV
3933	38	1.53	118	4.33	4753.0	979507.71	-39.7	0.0h	1.4	-201.8	-15.2	N326	71to76		NV
3935	38	2.06	118	5.39	4941.0	979496.38	-34.1	0.1h	1.6	-202.5	-15.5	F53	71to76		NV
3936	38	0.58	118	7.91	5442.0	979471.03	-10.2	0.2h	1.7	-195.6	-7.4	F635	71to76		NV
3938	38	0.25	118	11.84	5818.0	979446.08	0.6	0.1h	1.7	-197.6	-7.8	N325	71to76		NV
3939	38	0.45	118	12.85	5967.0	979434.18	2.5	0.1h	1.5	-201.0	-10.8	F63	71to76		NV
3940	38	0.61	118	13.90	6125.0	979423.63	6.5	0.1h	1.4	-202.5	-11.9	N32	71to76		NV
3941	38	8.22	118	0.01	4850.0	979523.56	-24.5	0.4h	0.9	-190.5	-6.1	N32	71to76		NV
3942	38	8.53	118	0.25	4955.0	979517.97	-20.7	0.4h	0.8	-190.3	-5.9	F635	71to76		NV
3943	38	8.94	118	0.64	5109.0	979509.02	-15.8	0.8h	1.2	-190.3	-5.9	N32	71to76		NV
3944	38	9.63	118	0.95	5281.0	979500.67	-9.0	0.1h	0.4	-190.1	-5.7	F63	71to76		NV
3945	38	9.58	118	0.15	5613.0	979476.59	-1.8	3.1h	3.9	-190.7	-6.7	F63	71to76		NV
3946	38	9.96	118	1.22	5242.0	979503.38	-10.4	0.0h	0.4	-190.3	-5.9	F63	71to76		NV
3947	38	9.14	118	1.40	5330.0	979496.85	-7.5	0.3h	0.7	-190.0	-5.5	F62	71to76		NV
3948	38	10.25	118	1.90	5276.0	979502.36	-8.6	0.0h	0.4	-189.6	-5.2	F63	71to76		NV
3949	38	10.36	118	2.85	5336.0	979492.98	-12.5	0.0h	0.4	-195.5	-10.8	F63	71to76		NV
3950	38	10.70	118	2.78	5252.0	979498.10	-15.8	0.0h	0.4	-196.0	-11.3	F63	71to76		NV
3951	38	10.52	118	3.90	5405.0	979490.83	-8.5	0.2h	0.6	-193.6	-8.7	G63	71to76		NV
3953	38	10.32	118	1.12	5180.0	979508.18	-12.0	0.0h	0.4	-189.7	-5.4	N32	71to76		NV
3954	38	10.96	118	0.52	5070.0	979513.50	-17.9	0.0h	0.4	-191.9	-7.7	N32	71to76		NV
3955	38	11.61	118	0.01	5028.0	979510.55	-25.8	0.1h	0.4	-198.3	-14.1	C75	71to76		NV
3974	38	6.00	118	16.72	5673.0	979451.18	-16.3	0.5h	1.6	-209.7	-19.4	N32	71to76		NV
3975	38	5.28	118	16.94	5703.0	979452.20	-11.4	0.5h	1.7	-205.7	-15.2	N32	71to76		NV
3976	38	4.65	118	17.05	5794.0	979448.39	-5.7	0.6h	1.7	-203.1	-12.5	N32	71to76		NV
3977	38	3.83	118	16.79	5921.0	979445.41	4.4	0.5h	1.6	-197.4	-6.5	N32	71to76		NV
3978	38	2.89	118	16.72	6046.0	979435.22	7.4	0.3h	1.4	-199.0	-7.9	N32	71to76		NV
3979	38	1.94	118	16.90	6105.0	979428.00	7.1	0.1h	1.3	-201.4	-10.0	N32	71to76		NV
3980	38	1.26	118	16.86	6192.0	979417.90	6.1	0.1h	1.4	-205.2	-13.7	H32	71to76		NV
3981	38	0.75	118	16.52	6276.0	979409.21	6.1	0.1h	1.5	-208.0	-16.4	N325	71to76		NV
3982	38	0.40	118	16.24	6348.0	979402.91	7.1	0.2h	1.5	-209.5	-17.9	N32	71to76		NV
3983	38	1.07	118	15.35	6315.0	979411.86	11.9	0.1h	1.3	-203.6	-12.8	G64	71to76		NV
3984	38	2.16	118	15.31	6185.0	979421.91	8.2	0.1h	1.2	-203.1	-12.4	G63	71to76		NV
3985	38	2.47	118	16.00	6099.0	979427.28	5.0	0.1h	1.2	-203.3	-12.5	G63	71to76		NV
3986	38	3.88	118	15.37	6313.0	979412.72	8.5	0.1h	1.2	-207.1	-17.0	G53	71to76		NV
3987	38	2.21	118	18.02	6315.0	979414.66	13.1	0.1h	1.2	-202.6	-10.9	G63	71to76		NV
3988	38	2.99	118	18.93	6438.0	979407.30	16.1	0.2h	1.2	-203.8	-12.0	C63	71to76		NV
3989	38	2.38	118	20.08	6575.0	979394.49	17.1	0.3h	1.4	-207.3	-14.9	C63	71to76		NV
3990	38	1.84	118	20.70	6822.0	979381.02	27.6	0.5h	1.8	-204.8	-12.1	G63	71to76		NV
3991	38	0.91	118	22.15	7090.0	979357.71	30.8	0.4h	2.0	-210.5	-17.0	C63	71to76		NV
3992	38	3.09	118	21.62	6684.0	979391.76	23.6	0.2h	1.4	-204.5	-11.8	G63	71to76		NV
3993	38	3.88	118	19.10	6297.0	979417.07	11.3	0.6h	1.6	-203.4	-11.7	C63	71to76		NV
3994	38	5.21	118	18.68	6078.0	979433.19	4.9	0.5h	1.5	-202.4	-11.3	C63	71to76		NV
3995	38	6.37	118	18.02	5668.0	979454.01	-14.5	0.4h	1.4	-207.9	-17.3	C63	71to76		NV
3996	38	8.20	118	19.13	5376.0	979476.54	-22.1	0.2h	1.2	-205.7	-15.1	F635	71to76		NV
3998	38	9.35	118	20.41	5077.0	979495.75	-32.7	0.1h	1.2	-206.0	-15.2	C73	71to76		NV
3999	38	9.85	118	19.58	5038.0	979494.08	-38.7	0.0h	1.2	-210.8	-20.5	F63	71to76		NV
4000	38	7.10	118	16.74	5470.0	979462.32	-25.8	0.2h	1.3	-212.5	-22.6	N32	71to76		NV
4001	38	8.14	118	17.13	5357.0	979467.54	-32.8	0.1h	1.2	-215.8	-26.0	N32	71to76		NV
4002	38	8.95	118	17.65	5232.0	979476.00	-37.2	0.1h	1.2	-215.9	-26.1	N32	71to76		NV
4003	38	9.38	118	17.84	5183.0	979480.01	-38.5	0.1h	1.2	-215.5	-25.7	F536	71to76		NV

Table 13--(continued)

	STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
	4004	38	9.88	118	18.32	5125.0	979485.34	-39.3	0.0h	1.2	-214.3	-24.5	N32	71to76		NV
	4005	38	10.74	118	18.90	4998.0	979497.20	-40.7	0.0h	1.3	-211.2	-21.5	N32	71to76		NV
	4006	38	11.50	118	19.50	4947.0	979498.63	-45.1	0.0h	1.4	-213.9	-24.2	N32	71to76		NV
	4007	38	11.88	118	19.88	4923.0	979498.10	-48.5	0.0h	1.4	-216.4	-26.6	G636	71to76		NV
	4008	38	12.24	118	19.95	4912.0	979495.54	-52.6	0.0h	1.5	-220.1	-30.4	N32	71to76		NV
	4009	38	12.75	118	19.11	4910.0	979495.66	-53.4	0.0h	1.7	-220.6	-31.3	N32	71to76		NV
	4010	38	13.62	118	19.53	4914.0	979491.67	-58.3	0.0h	2.1	-225.3	-36.2	N32	71to76		NV
	4011	38	14.32	118	20.07	4923.0	979496.35	-53.8	0.0h	2.6	-220.5	-31.5	H32	71to76		NV
	4012	38	14.00	118	21.81	4980.0	979490.49	-53.8	0.0h	2.6	-222.5	-32.9	F53	71to76		NV
	4013	38	13.37	118	22.30	4997.0	979488.24	-53.6	0.1h	2.2	-223.2	-33.2	G63	71to76		NV
	4014	38	14.46	118	21.39	4968.0	979494.73	-51.4	0.0h	2.7	-219.5	-30.1	F536	71to76		NV
	4015	38	14.66	118	20.21	4941.0	979501.92	-47.0	0.0h	3.1	-213.9	-25.0	G64	71to76		NV
	4016	38	14.33	118	19.57	4951.0	979496.02	-51.5	0.0h	2.6	-219.2	-30.4	F53	71to76		NV
	4018	38	12.25	118	18.21	4930.0	979501.65	-44.8	0.0h	1.8	-212.5	-23.5	C64	71to76		NV
	4019	38	10.51	118	17.86	5039.0	979493.61	-40.1	0.0h	1.6	-211.7	-22.3	Q64	71to76		NV
	4020	38	6.65	118	16.16	5631.0	979454.72	-17.7	0.2h	1.2	-209.9	-20.1	N32	71to76		NV
	4021	38	7.00	118	15.34	5674.0	979455.85	-13.0	0.3h	1.4	-206.5	-17.1	N32	71to76		NV
	4022	38	7.04	118	15.84	5553.0	979459.81	-20.5	0.2h	1.3	-210.0	-20.3	N32	71to76		NV
	4023	38	7.52	118	15.42	5528.0	979462.54	-20.8	0.2h	1.3	-209.5	-20.2	N32	71to76		NV
	4024	38	7.96	118	15.03	5641.0	979457.87	-15.5	0.2h	1.2	-208.2	-19.2	N32	71to76		NV
	4025	38	8.67	118	14.38	5696.0	979456.70	-12.5	0.4h	1.3	-206.9	-18.4	N32	71to76		NV
	4026	38	8.97	118	13.50	5826.0	979450.49	-6.9	0.4h	1.3	-205.8	-17.7	N325	71to76		NV
	4027	38	9.47	118	12.60	5705.0	979458.62	-10.9	0.4h	1.3	-205.7	-18.0	N32	71to76		NV
	4028	38	10.05	118	11.74	5547.0	979469.87	-15.4	0.5h	1.5	-204.5	-17.3	N32	71to76		NV
	4029	38	10.84	118	10.86	5410.0	979484.89	-14.4	0.3h	1.2	-199.2	-12.4	N325	71to76		NV
	4030	38	10.55	118	10.86	5448.0	979481.64	-13.6	0.3h	1.1	-199.8	-12.9	N32	71to76		NV
	4031	38	9.83	118	10.06	5536.0	979469.91	-16.0	0.4h	1.0	-205.3	-18.5	G737	71to76		NV
	4032	38	9.54	118	9.17	5630.0	979463.49	-13.2	0.4h	0.9	-205.8	-19.2	G736	71to76		NV
	4033	38	9.14	118	8.07	5629.0	979466.56	-9.6	0.4h	1.0	-202.1	-15.9	F635	71to76		NV
	4034	38	8.81	118	9.33	5716.0	979459.19	-8.4	0.4h	1.1	-203.7	-17.0	G73	71to76		NV
	4036	38	12.57	118	9.82	5478.0	979490.09	-5.3	0.8h	1.5	-192.2	-6.0	G645	71to76		NV
	4037	38	13.94	118	10.38	5089.0	979511.52	-22.5	0.4h	1.6	-195.9	-9.7	N326	71to76		NV
	4040	38	13.83	118	14.14	5902.0	979464.55	7.1	0.5h	1.7	-194.0	-7.0	N32	71to76		NV
AP	4041	38	13.87	118	14.52	5922.0	979458.49	2.9	0.4h	1.7	-198.9	-11.9	F73	71to76		NV
	4042	38	14.06	118	15.36	5930.0	979452.59	-2.5	0.5h	1.9	-204.4	-17.1	N32	71to76		NV
	4043	38	14.22	118	16.11	5672.0	979466.56	-13.0	2.1h	3.5	-204.4	-16.9	N32	71to76		NV
	4044	38	14.05	118	17.36	5255.0	979481.30	-37.3	0.6h	2.6	-215.3	-27.2	N324	71to76		NV
	4045	38	14.38	118	9.27	4906.0	979524.00	-27.8	0.9h	2.1	-194.5	-8.5	N325	71to76		NV
	4046	38	14.37	118	8.24	4776.0	979530.33	-33.7	0.6h	1.9	-196.1	-10.4	N325	71to76		NV
	4047	38	14.56	118	7.32	4656.0	979535.20	-40.4	0.6h	1.9	-198.7	-13.2	N325	71to76		NV
	4048	38	14.93	118	6.31	4519.0	979538.48	-50.5	0.2h	1.7	-204.3	-19.0	N325	71to76		NV
	4049	38	15.58	118	5.77	4424.0	979538.52	-60.4	0.0h	1.4	-211.2	-26.1	N325	71to76		NV
	4051	38	15.07	118	4.25	4472.0	979534.27	-59.4	0.1h	1.4	-211.8	-26.9	N32	71to76		NV
	4052	38	14.71	118	3.28	4611.0	979526.39	-53.7	0.2h	1.3	-211.0	-26.3	N32	71to76		NV
AP	4053	38	14.38	118	2.23	4674.0	979525.52	-48.1	0.2h	1.2	-207.8	-23.2	N73	71to76		NV
	4054	38	13.28	118	0.57	4884.0	979515.83	-36.5	0.4h	0.9	-203.5	-19.3	N32	71to76		NV
	4055	38	12.81	118	0.15	4972.0	979510.42	-32.9	0.2h	0.6	-203.3	-19.1	N32	71to76		NV
	4056	38	16.75	118	6.05	4382.0	979540.26	-64.3	0.0h	1.5	-213.6	-28.6	N325	71to76		NV
	4057	38	17.60	118	6.07	4389.0	979545.42	-59.7	0.0h	1.6	-209.2	-24.3	N325	71to76		NV
	4058	38	17.98	118	6.09	4412.0	979547.98	-55.6	0.0h	1.6	-205.8	-20.9	F636	71to76		NV
	4059	38	18.44	118	6.11	4465.0	979548.08	-51.2	0.0h	1.6	-203.2	-18.4	N324	71to76		NV
	4060	38	19.29	118	6.13	4541.0	979546.97	-46.4	0.0h	1.6	-201.0	-16.4	N325	71to76		NV
	4061	38	19.76	118	5.77	4538.0	979547.74	-46.6	0.0h	1.7	-201.0	-16.5	G735	71to76		NV
	4062	38	19.61	118	4.66	4552.0	979542.13	-50.7	0.0h	2.0	-205.3	-20.9	X636	71to76		NV
AP	4063	38	20.48	118	4.67	4657.0	979541.44	-42.8	0.0h	1.9	-201.1	-16.7	X635	71to76		NV
	4169	38	18.94	118	2.80	4687.0	979531.81	-47.3	0.7h	3.6	-205.0	-20.7	G645	71to76		NV
	4170	38	16.99	118	1.92	4512.0	979538.50	-54.2	0.4h	2.7	-206.7	-22.3	X624	71to76		NV
	4171	38	15.33	118	1.52	4758.0	979521.66	-45.5	0.2h	1.3	-207.9	-23.5	C73	71to76		NV
	4172	38	19.96	118	6.14	4599.0	979546.41	-42.5	0.1h	1.6	-199.0	-14.5	N324	71to76		NV
	4173	38	20.45	118	6.17	4650.0	979548.52	-36.3	0.1h	1.6	-194.6	-10.2	N325	71to76		NV

Table 13--(continued)

	STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
	4174	38	17.23	118	7.00	4418.0	979545.06	-56.8	0.1h	1.7	-207.1	-22.0	C646	71to76		NV
	4175	38	16.83	118	7.31	4430.0	979542.36	-57.8	0.1h	1.7	-208.5	-23.3	C747	71to76		NV
	4176	38	15.12	118	7.86	4676.0	979531.60	-42.9	0.3h	1.6	-202.1	-16.6	G635	71to76		NV
	4177	38	16.32	118	8.57	4522.0	979539.25	-51.5	0.3h	2.3	-204.9	-19.4	C744	71to76		NV
	4178	38	17.72	118	9.37	4945.0	979521.03	-32.0	0.9h	2.9	-199.2	-13.9	G636	71to76		NV
	4179	38	17.58	118	7.51	4487.0	979547.21	-48.7	0.2h	1.9	-201.2	-16.0	F536	71to76		NV
	4180	38	22.33	118	4.25	4631.0	979549.90	-39.4	0.9h	3.6	-195.2	-11.1	G634	71to76		NV
	4181	38	22.73	118	3.78	4847.0	979540.37	-29.3	2.9h	5.4	-190.5	-6.6	G636	71to76		NV
	4182	38	22.64	118	5.66	4553.0	979551.98	-45.2	0.0h	1.8	-199.9	-15.8	N32	71to76		NV
	4183	38	23.14	118	5.94	4542.0	979552.42	-46.5	0.0h	1.7	-201.0	-16.9	N324	71to76		NV
	4184	38	23.73	118	6.15	4544.0	979550.93	-48.7	0.0h	1.6	-203.4	-19.3	G736	71to76		NV
	4185	38	25.00	118	4.03	4934.0	979539.93	-24.8	0.6h	2.1	-192.5	-8.8	G734	71to76		NV
	4186	38	24.42	118	1.43	5608.0	979506.56	6.0	1.3h	3.0	-183.8	-0.2	C73	71to76		NV
	4187	38	24.07	118	3.13	5423.0	979514.20	-3.3	2.6h	4.1	-185.6	-1.9	F635	71to76		NV
	4189	38	25.25	118	5.04	4708.0	979549.95	-36.4	0.1h	1.5	-196.9	-13.2	F634	71to76		NV
	4190	38	25.10	118	5.29	4687.0	979549.33	-38.8	0.1h	1.5	-198.5	-14.9	N324	71to76		NV
	4191	38	24.33	118	7.00	4531.0	979553.10	-48.6	0.0h	1.5	-202.9	-19.0	N325	71to76		NV
	4192	38	24.00	118	6.82	4534.0	979553.07	-47.8	0.0h	1.6	-202.3	-18.3	N324	71to76		NV
	4194	38	24.11	118	5.55	4586.0	979549.48	-46.7	0.0h	1.7	-202.8	-18.9	C73	71to76		NV
	4195	38	24.27	118	6.49	4546.0	979550.42	-49.8	0.0h	1.5	-204.6	-20.7	G535	71to76		NV
	4196	38	22.52	118	6.31	4642.0	979547.24	-41.3	0.1h	1.5	-199.5	-15.4	G635	71to76		NV
	4197	38	22.16	118	6.26	4656.0	979546.37	-40.4	0.1h	1.5	-199.0	-14.9	N324	71to76		NV
	4198	38	21.33	118	6.20	4634.0	979545.90	-41.7	0.1h	1.6	-199.5	-15.1	N327	71to76		NV
	4199	38	23.04	118	6.94	4680.0	979546.78	-39.0	0.1h	1.3	-198.6	-14.5	F535	71to76		NV
	4200	38	22.79	118	7.31	4789.0	979542.08	-33.1	0.3h	1.4	-196.4	-12.3	N325	71to76		NV
	4201	38	22.15	118	8.26	5055.0	979530.37	-18.9	0.5h	1.5	-191.2	-7.0	N325	71to76		NV
	4202	38	21.97	118	9.17	5227.0	979520.51	-12.3	1.7h	2.7	-189.3	-5.0	N326	71to76		NV
	4203	38	22.07	118	10.47	5430.0	979509.39	-4.5	0.5h	1.5	-189.6	-5.3	N32	71to76		NV
	4204	38	20.85	118	11.70	6180.0	979458.27	16.7	1.6h	3.0	-192.5	-8.0	G63	71to76		NV
	4205	38	21.00	118	12.00	6282.0	979449.07	16.8	2.6h	4.2	-194.7	-10.1	G63	71to76		NV
	4206	38	20.07	118	11.19	6663.0	979426.95	31.9	2.7h	5.5	-191.4	-6.8	G63	71to76		NV
	4207	38	22.47	118	11.44	5486.0	979502.46	-6.7	0.2h	1.0	-194.3	-9.9	N32	71to76		NV
	4208	38	22.67	118	11.96	5517.0	979504.79	-1.8	0.2h	1.0	-190.4	-6.0	F63	71to76		NV
	4209	38	22.89	118	12.54	5642.0	979497.86	2.7	0.3h	1.1	-190.1	-5.8	N32	71to76		NV
	4210	38	22.61	118	13.01	5798.0	979486.85	6.8	0.3h	1.1	-191.4	-6.9	F63	71to76		NV
	4211	38	22.42	118	13.29	5731.0	979489.78	3.7	0.3h	1.1	-192.2	-7.6	N32	71to76		NV
	4213	38	24.50	118	11.07	5798.0	979489.82	7.0	0.7h	1.7	-190.6	-6.8	C73	71to76		NV
	4214	38	23.38	118	11.87	5538.0	979503.00	-2.6	0.1h	0.9	-192.1	-7.9	F64	71to76		NV
	4215	38	23.11	118	11.96	5534.0	979504.11	-1.5	0.1h	0.9	-190.8	-6.5	F63	71to76		NV
	4216	38	24.07	118	12.66	5660.0	979496.29	1.1	0.3h	1.3	-192.1	-8.1	C73	71to76		NV
	4217	38	22.24	118	13.54	5667.0	979489.39	-2.4	0.2h	1.1	-196.1	-11.5	F53	71to76		NV
	4218	38	20.65	118	13.38	6022.0	979465.63	9.5	1.9h	3.2	-194.2	-9.2	G63	71to76		NV
	4219	38	20.18	118	14.35	6126.0	979457.57	11.9	1.2h	2.9	-195.7	-10.4	G63	71to76		NV
	4220	38	19.69	118	14.79	6423.0	979434.63	17.6	1.9h	3.5	-199.5	-14.1	G63	71to76		NV
	4221	38	21.38	118	14.08	5691.0	979481.34	-7.0	0.3h	1.5	-201.0	-16.0	G63	71to76		NV
AP	4222	38	21.72	118	14.32	5616.0	979483.44	-12.4	0.1h	1.2	-204.3	-19.3	N32	71to76		NV
	4223	38	21.50	118	14.70	5630.0	979483.43	-10.8	0.1h	1.2	-203.1	-18.0	F63	71to76		NV
	4224	38	21.67	118	15.25	5599.0	979481.81	-15.6	0.0h	1.1	-206.9	-21.8	N32	71to76		NV
	4225	38	21.84	118	15.68	5577.0	979482.19	-17.5	0.0h	1.0	-208.1	-23.0	X63	71to76		NV
	4226	38	22.28	118	15.68	5584.0	979484.33	-15.4	0.0h	0.9	-206.4	-21.4	X63	71to76		NV
	4227	38	22.28	118	16.48	5579.0	979485.45	-14.7	0.0h	0.9	-205.5	-20.4	N32	71to76		NV
	4228	38	22.43	118	17.41	5585.0	979487.84	-12.0	0.0h	0.9	-203.1	-17.9	N32	71to76		NV
	4229	38	21.57	118	18.31	5600.0	979482.75	-14.4	0.1h	1.1	-205.7	-20.0	N324	71to76		NV
	4230	38	21.40	118	17.91	5604.0	979484.24	-12.3	0.1h	1.2	-203.7	-18.0	X63	71to76		NV
	4231	38	19.65	118	17.90	6179.0	979452.79	12.9	0.8h	2.2	-197.2	-11.1	X63	71to76		NV
	4232	38	20.90	118	15.74	5620.0	979488.87	-5.4	0.1h	1.5	-197.0	-11.5	C73	71to76		NV
	4233	38	20.53	118	16.80	5797.0	979480.51	3.4	0.9h	2.3	-193.5	-7.7	X73	71to76		NV
	4234	38	21.15	118	16.91	5624.0	979484.26	-10.0	0.1h	1.3	-202.0	-16.4	G63	71to76		NV
	4235	38	19.50	118	20.65	6275.0	979442.96	12.3	0.5h	1.9	-201.4	-14.6	C73	71to76		NV
	4236	38	21.86	118	19.32	5607.0	979483.32	-13.6	0.1h	1.1	-205.2	-19.4	N42	71to76		NV

Table 13--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
4237	38	21.79	118	20.27	5643.0	979485.18	-8.3	0.1h	1.2	-201.0	-15.0	N32	71to76		NV
4238	38	21.02	118	20.59	5843.0	979471.60	-1.9	1.9h	3.0	-199.7	-13.3	N32	71to76		NV
4239Q	38	20.82	118	21.46	6023.0	979458.50	2.2	2.7h	3.8	-200.9	-14.3	N62	71to76		NV
4240	38	20.50	118	22.42	6164.0	979446.86	4.3	0.6h	1.8	-205.6	-18.7	N32	71to76		NV
4241	38	20.05	118	23.39	6362.0	979428.55	5.2	1.0h	2.4	-210.9	-23.7	N32	71to76		NV
4242	38	19.50	118	24.27	6558.0	979413.71	9.6	0.8h	2.0	-213.5	-25.9	N325	71to76		NV
4243	38	19.16	118	25.35	6480.0	979419.91	9.0	0.9h	2.3	-211.2	-23.1	N32	71to76		NV
4244	38	18.97	118	26.33	6288.0	979430.38	1.7	1.0h	2.4	-211.8	-23.2	N32	71to76		NV
4245	38	18.89	118	27.42	6152.0	979435.82	-5.5	0.7h	2.0	-214.8	-25.8	N32	71to76		NV
4246	38	19.21	118	28.52	6003.0	979444.55	-11.3	1.0h	2.4	-215.1	-25.9	N325	71to76		NV
4247	38	18.38	118	29.20	6245.0	979429.44	-2.4	0.7h	1.8	-215.1	-25.3	C73	71to76		NV
4248	38	16.81	118	28.62	7125.0	979379.19	32.3	0.6h	2.5	-209.7	-19.8	C73	71to76		NV
4249	38	16.62	118	27.75	7255.0	979369.58	35.2	0.6h	2.7	-211.0	-21.4	C73	71to76		NV
4250	38	16.60	118	27.01	7400.0	979357.65	36.9	1.3h	4.0	-212.9	-23.6	C74	71to76		NV
4251	38	16.10	118	28.12	7210.0	979372.81	35.0	0.6h	2.6	-209.8	-19.8	C74	71to76		NV
4252	38	16.24	118	28.96	7217.0	979372.18	34.8	0.6h	2.6	-210.3	-20.1	G63	71to76		NV
4253	38	15.73	118	29.13	7158.0	979373.15	31.0	0.6h	2.4	-212.3	-21.7	G637	71to76		NV
4254	38	25.82	118	3.65	4944.0	979541.06	-24.0	0.4h	1.9	-192.1	-8.6	N324	71to76		NV
4256	38	26.03	118	2.74	5108.0	979530.74	-19.2	0.4h	1.9	-192.9	-9.4	G635	71to76		NV
4257	38	26.73	118	0.02	5622.0	979499.85	-2.8	0.4h	1.8	-194.2	-10.8	N32	71to76		NV
4258	38	26.39	118	1.44	5366.0	979513.45	-12.8	0.3h	1.7	-195.5	-12.0	G736	71to76		NV
4259	38	27.67	118	1.13	5838.0	979494.27	10.5	1.1h	2.3	-187.7	-4.5	Q73	71to76		NV
4260	38	28.41	118	0.49	6250.0	979470.16	24.1	1.1h	2.3	-188.3	-5.3	Q73	71to76		NV
4261	38	25.93	118	4.18	4885.0	979544.02	-26.7	0.3h	1.7	-193.0	-9.5	G634	71to76		NV
4262	38	26.80	118	3.16	5190.0	979529.43	-13.9	0.6h	2.0	-190.4	-7.0	C74	71to76		NV
4263	38	27.63	118	2.49	5510.0	979511.86	-2.6	1.1h	2.4	-189.6	-6.5	C74	71to76		NV
4264	38	28.33	118	2.38	5715.0	979504.41	8.1	1.0h	2.4	-185.8	-2.8	C74	71to76		NV
4265	38	29.22	118	2.13	6040.0	979486.11	19.1	1.1h	2.4	-186.0	-3.2	C73	71to76		NV
4266	38	29.90	118	2.40	6248.0	979474.23	25.8	1.0h	2.7	-186.2	-3.6	G63	71to76		NV
4267	38	25.74	118	6.88	4542.0	979550.93	-51.8	0.0h	1.5	-206.6	-23.0	X63	71to76		NV
4268	38	24.41	118	8.00	4615.0	979555.58	-38.3	0.3h	1.8	-195.3	-11.3	C64	71to76		NV
4269	38	25.42	118	8.80	4712.0	979553.19	-33.1	0.8h	2.3	-192.9	-9.2	F634	71to76		NV
4272	38	25.93	118	7.91	4498.0	979558.35	-48.8	0.1h	1.7	-201.8	-18.2	N32	71to76		NV
4273	38	26.38	118	8.43	4481.0	979563.97	-45.4	0.4h	2.2	-197.4	-13.8	G63	71to76		NV
4274	38	26.76	118	8.63	4479.0	979566.83	-43.3	0.5h	2.5	-194.9	-11.4	G638	71to76		NV
4275	38	26.71	118	8.30	4474.0	979562.76	-47.8	0.2h	2.0	-199.7	-16.2	N32	71to76		NV
4276	38	27.52	118	8.70	4460.0	979567.20	-45.8	0.2h	2.2	-197.1	-13.8	N32	71to76		NV
4277	38	28.30	118	9.09	4458.0	979569.00	-45.4	0.2h	2.0	-196.8	-13.7	N32	71to76		NV
4278	38	28.78	118	9.67	4486.0	979572.00	-40.4	0.3h	2.2	-192.6	-9.7	F63	71to76		NV
4279	38	29.10	118	9.61	4439.0	979567.47	-49.9	0.2h	2.1	-200.5	-17.7	N32	71to76		NV
4280	38	29.86	118	10.15	4447.0	979565.70	-52.0	0.1h	1.8	-203.2	-20.5	N32	71to76		NV
4281	38	29.94	118	8.35	4440.0	979561.04	-57.4	0.1h	2.2	-208.0	-25.3	F63	71to76		NV
4282	38	29.18	118	6.75	4660.0	979555.00	-41.7	0.6h	2.7	-199.3	-16.4	G63	71to76		NV
4283	38	29.15	118	6.27	4839.0	979549.62	-30.2	1.0h	3.0	-193.6	-10.7	F63	71to76		NV
4284	38	27.36	118	5.40	4640.0	979552.72	-43.2	0.7h	2.5	-200.3	-16.9	F64	71to76		NV
4285	38	26.26	118	5.36	4650.0	979553.01	-40.3	0.1h	1.7	-198.6	-15.0	G63	71to76		NV
4286	38	26.71	118	5.86	4575.0	979553.58	-47.5	0.1h	1.7	-203.2	-19.7	G63	71to76		NV
4287	38	28.15	118	10.12	4805.0	979557.82	-23.7	1.0h	2.4	-186.5	-3.6	G63	71to76		NV
4288	38	29.29	118	10.24	4518.0	979569.36	-40.8	0.3h	2.0	-194.3	-11.5	G634	71to76		NV
4289	38	29.23	118	11.30	4860.0	979556.31	-21.6	1.0h	2.4	-186.4	-3.8	X73	71to76		NV
4290	38	28.41	118	11.88	5360.0	979525.59	-4.1	1.5h	2.9	-185.5	-2.8	C73	71to76		NV
4291	38	28.64	118	12.42	5470.0	979518.66	-1.1	1.4h	2.8	-186.3	-3.8	C83	71to76		NV
4292	38	29.49	118	12.14	5000.0	979548.52	-16.7	1.0h	2.3	-186.3	-3.8	C73	71to76		NV
4293	38	28.73	118	13.30	5640.0	979508.87	5.0	1.7h	3.2	-185.7	-3.2	C74	71to76		NV
4294	38	25.45	118	10.31	5363.0	979515.33	-9.8	1.6h	2.7	-191.5	-8.0	C74	71to76		NV
4295	38	23.15	118	17.89	5702.0	979490.42	0.5	0.1h	0.8	-194.6	-9.5	N32	71to76		NV
4296	38	23.36	118	18.13	5737.0	979490.83	3.9	0.1h	0.8	-192.4	-7.4	N32	71to76		NV
4297	38	24.25	118	18.94	5916.0	979483.75	12.4	0.2h	0.9	-190.0	-5.3	N32	71to76		NV
4298	38	24.61	118	19.80	5880.0	979487.56	12.3	0.1h	0.9	-188.9	-4.2	N32	71to76		NV
4299	38	24.90	118	20.29	5849.0	979490.87	12.2	0.1h	1.0	-187.8	-3.1	F63	71to76		NV

Table 13--(continued)

	STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
	4301	38	23.84	118	20.91	5890.0	979488.63	15.4	0.2h	0.8	-186.1	-0.9	G63	71to76		NV
	4302	38	23.19	118	20.88	5841.0	979484.69	7.8	0.2h	0.9	-192.0	-6.5	G63	71to76		NV
AP	4303	38	22.73	118	20.08	5727.0	979482.45	-4.5	0.2h	1.0	-200.3	-14.8	G63	71to76		NV
	4304	38	24.75	118	22.10	6016.0	979485.90	23.2	0.2h	1.0	-182.5	2.4	G64	71to76		NV
	4305	38	25.65	118	21.86	5746.0	979502.09	12.7	0.1h	1.0	-183.8	0.7	N32	71to76		NV
	4306	38	22.69	118	13.80	5669.0	979490.82	-1.5	0.1h	0.9	-195.4	-10.9	F63	71to76		NV
	4307	38	23.23	118	14.75	5696.0	979488.49	-2.1	0.1h	0.9	-196.9	-12.4	F63	71to76		NV
	4308	38	23.63	118	15.43	5736.0	979486.40	-1.0	0.2h	1.0	-197.1	-12.6	G63	71to76		NV
	4309	38	24.26	118	14.97	6170.0	979462.98	15.5	1.4h	2.5	-194.0	-10.0	G63	71to76		NV
	4310	38	23.93	118	15.83	5780.0	979484.60	0.9	0.3h	1.3	-196.4	-12.0	G63	71to76		NV
	4311	38	23.28	118	15.70	5674.0	979488.97	-3.7	0.1h	0.9	-197.8	-13.1	G63	71to76		NV
	4312	38	23.17	118	16.26	5650.0	979489.02	-5.8	0.1h	0.9	-199.0	-14.3	G63	71to76		NV
	4314	38	25.60	118	17.96	6652.0	979435.59	31.4	1.3h	3.1	-193.9	-10.2	G63	71to76		NV
	4315	38	25.96	118	18.25	6771.0	979429.97	36.4	1.4h	3.5	-192.5	-8.9	G63	71to76		NV
	4316	38	25.73	118	19.63	6178.0	979468.87	19.9	0.6h	1.7	-190.6	-6.6	G63	71to76		NV
	4317	38	26.32	118	19.81	6405.0	979456.08	27.6	1.0h	2.3	-190.0	-6.3	G74	71to76		NV
	4318	38	26.32	118	22.42	5698.0	979507.72	12.8	0.1h	1.0	-182.0	2.3	G63	71to76		NV
	4319	38	26.60	118	22.76	5672.0	979509.20	11.4	0.2h	1.0	-182.4	1.8	G63	71to76		NV
	4320	38	27.32	118	24.29	5574.0	979512.28	4.3	0.3h	1.3	-186.1	-2.0	G63	71to76		NV
	4321	38	26.95	118	24.40	5663.0	979509.83	10.7	0.2h	1.1	-182.8	1.5	F63	71to76		NV
	4322	38	26.77	118	23.76	5710.0	979507.83	13.4	0.2h	1.0	-181.8	2.5	N32	71to76		NV
	4323	38	26.57	118	23.36	5707.0	979508.42	14.0	0.2h	1.0	-181.1	3.2	F635	71to76		NV
	4324	38	26.30	118	22.92	5719.0	979507.24	14.3	0.2h	1.1	-181.1	3.3	N32	71to76		NV
	4325	38	27.30	118	25.11	5567.0	979510.44	1.8	0.2h	1.1	-188.4	-4.1	N32	71to76		NV
	4326	38	28.02	118	26.07	5421.0	979520.31	-3.1	0.7h	1.7	-187.8	-3.7	N32	71to76		NV
	4327	38	28.86	118	27.07	5422.0	979524.12	-0.5	0.8h	1.6	-185.3	-1.6	N32	71to76		NV
	4328	38	28.46	118	27.63	5233.0	979534.29	-7.5	0.8h	1.8	-185.5	-1.5	G63	71to76		NV
	4329	38	27.84	118	28.77	5074.0	979538.60	-17.2	0.9h	2.3	-189.4	-4.6	G63	71to76		NV
	4330	38	27.02	118	28.08	5515.0	979509.02	-4.1	0.9h	2.1	-191.6	-6.6	C74	71to76		NV
	4331	38	29.67	118	27.27	5631.0	979509.94	3.8	0.8h	1.7	-188.0	-4.8	N325	71to76		NV
	4332	38	29.50	118	25.37	6062.0	979486.91	21.5	0.6h	2.2	-184.5	-1.6	G63	71to76		NV
	4333	38	29.49	118	23.83	5598.0	979513.72	4.8	0.8h	1.8	-185.8	-2.9	G63	71to76		NV
	4334	38	15.62	118	15.39	6910.0	979396.35	31.0	3.1h	5.9	-200.3	-13.7	C84	71to76		NV
	4335	38	15.51	118	14.83	6905.0	979398.82	33.2	2.8h	5.6	-198.3	-11.9	C73	71to76		NV
	4336	38	14.43	118	14.35	6301.0	979438.62	17.8	1.3h	2.8	-195.8	-9.0	G64	71to76		NV
	4337	38	14.13	118	23.26	5190.0	979481.47	-43.3	0.7h	3.1	-218.6	-28.7	C73	71to76		NV
	4338	38	13.34	118	26.35	6212.0	979423.76	-3.8	1.2h	2.6	-214.6	-23.7	G635	71to76		NV
	4339	38	13.13	118	26.65	6312.0	979416.44	-1.4	1.6h	3.0	-215.2	-24.2	G63	71to76		NV
	4342	38	10.62	118	30.21	5874.0	979436.94	-18.4	0.6h	2.1	-218.1	-24.7	G74	71to76		NV
AP	4343	38	9.61	118	33.07	5678.0	979445.88	-26.4	0.9h	3.2	-218.3	-23.3	G73	71to76		NV
	4344	38	7.96	118	33.92	5648.0	979444.75	-27.9	0.3h	2.8	-219.3	-23.3	X636	71to76		NV
	4345	38	6.25	118	34.25	5765.0	979432.74	-26.5	0.5h	2.9	-221.6	-25.0	H43	71to76		NV
	4348	38	9.42	118	25.39	5083.0	979490.94	-37.0	0.6h	2.8	-209.0	-16.4	G63	71to76		NV
	4349	38	9.64	118	24.79	5033.0	979494.44	-38.5	0.4h	2.6	-209.0	-16.8	G63	71to76		NV
	4350	38	10.70	118	26.20	5921.0	979440.84	-10.2	3.8h	5.0	-208.7	-16.7	G63	71to76		NV
	4351	38	11.83	118	23.55	4934.0	979495.93	-49.5	0.4h	2.8	-216.4	-25.4	F536	71to76		NV
	4352	38	11.55	118	24.81	5359.0	979473.82	-31.3	1.9h	3.7	-211.8	-20.4	G63	71to76		NV
	4353	38	12.35	118	23.40	4917.0	979496.13	-51.7	0.7h	3.3	-217.5	-26.7	G63	71to76		NV
	4354	38	12.73	118	23.39	4928.0	979497.29	-50.1	1.6h	4.1	-215.5	-24.8	G63	71to76		NV
	4355	38	14.51	118	29.69	7322.0	979360.21	35.2	0.6h	2.8	-213.2	-22.0	G63	71to76		NV
	4356	38	19.73	118	29.33	5811.0	979448.38	-26.2	0.9h	2.3	-223.6	-34.4	N32	71to76		NV
	4359	38	27.59	118	39.79	5481.0	979509.25	-7.9	1.5h	4.7	-191.6	-4.2	N326	71to76		NV
	4360	38	27.48	118	40.80	6370.0	979455.78	22.3	2.2h	5.3	-191.1	-3.7	N326	71to76		NV
	4361	38	27.21	118	41.08	6606.0	979440.36	29.5	2.3h	5.4	-192.0	-4.4	N32	71to76		NV
	4367	38	22.10	118	46.88	6810.0	979386.07	1.9	0.3h	2.0	-229.9	-37.3	N32	71to76		NV
	4375	38	20.11	118	39.14	7121.0	979375.65	23.6	1.8h	4.7	-216.1	-24.6	F636	71to76		NV
	4376	38	20.36	118	39.68	7225.0	979368.04	25.4	1.9h	4.6	-217.9	-26.4	N32	71to76		NV
	4377	38	20.81	118	40.36	7789.0	979336.83	46.5	2.2h	5.1	-215.6	-24.4	N32	71to76		NV
	4378	38	21.15	118	41.49	8378.0	979302.73	67.2	1.0h	5.2	-214.7	-23.6	N325	71to76		NV
	4379	38	21.10	118	42.88	7481.0	979354.37	34.7	1.5h	3.8	-218.2	-26.3	N32	71to76		NV

Table 13--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
4380	38	21.18	118	43.73	7256.0	979364.90	24.0	0.0h	2.2	-222.9	-30.7	F636	71to76		NV
4381	38	21.35	118	44.99	7054.0	979376.64	16.5	0.3h	2.1	-223.5	-31.0	N32	71to76		NV
4382	38	20.46	118	44.58	7135.0	979365.04	13.8	0.3h	2.3	-228.8	-35.9	G63	71to76		NV
4383	38	17.03	118	45.84	7053.0	979361.67	7.7	0.2h	1.9	-232.4	-37.3	F73	71to76		NV
4384	38	17.69	118	46.33	7171.0	979353.34	9.5	0.4h	2.1	-234.4	-39.5	F735	71to76		NV
4385	38	19.70	118	47.67	7200.0	979365.44	21.4	0.3h	1.9	-223.8	-29.7	X82	71to76		NV
4386	38	24.93	118	49.88	6940.0	979391.35	15.2	0.4h	2.4	-220.6	-29.2	X726	71to76		NV
4398	38	17.62	118	55.75	6916.0	979371.10	3.4	3.9h	6.3	-227.7	-30.5	N325	71to76		NV
4399	38	16.19	118	56.85	7522.0	979332.89	24.3	3.6h	5.9	-227.9	-30.2	N325	71to76		NV
4401	38	16.29	118	58.51	8309.0	979285.19	50.3	0.6h	3.4	-231.1	-33.5	X63	71to76		CA
4402	38	17.45	118	54.00	7520.0	979337.10	26.4	0.6h	2.6	-228.9	-32.3	C85	71to76		NV
4404	38	24.92	118	35.63	5585.0	979484.15	-19.3	0.4h	2.8	-208.5	-20.4	X63	71to76		NV
4406	38	22.36	118	32.45	5426.0	979483.11	-31.5	0.4h	2.1	-216.0	-27.2	N325	71to76		NV
4407	38	21.06	118	34.70	5904.0	979450.67	-17.2	1.3h	3.5	-216.5	-26.4	F535	71to76		NV
4408	38	20.56	118	32.70	5627.0	979457.68	-35.4	0.0h	1.5	-227.4	-37.5	N32	71to76		NV
4409	38	20.54	118	32.01	5566.0	979460.76	-38.1	0.0h	1.4	-227.9	-38.2	X63	71to76		NV
4410	38	19.21	118	33.17	5733.0	979445.44	-35.8	0.0h	1.5	-231.3	-40.6	N326	71to76		NV
4411	38	18.19	118	33.70	5746.0	979447.91	-30.6	0.0h	1.7	-226.3	-34.9	F73	71to76		NV
4412	38	17.35	118	34.16	5807.0	979445.40	-26.1	0.0h	1.8	-223.8	-31.9	F63	71to76		NV
4413	38	16.79	118	34.15	5852.0	979442.82	-23.6	0.0h	1.8	-222.9	-30.7	X636	71to76		NV
4414	38	15.30	118	34.91	6068.0	979426.86	-17.1	0.2h	2.1	-223.5	-30.4	X62	71to76		NV
4416	38	1.18	118	25.54	7404.0	979334.92	37.2	0.3h	2.3	-214.6	-20.2	G635	71to76		NV
4417	38	0.01	118	23.89	7609.0	979318.00	41.2	0.2h	2.5	-217.3	-23.1	F63	71to76		NV
4500	38	47.36	118	32.12	5423.0	979557.43	5.8	0.2h	0.6	-180.0	-7.6	X53	71to76		NV
4501	38	14.70	118	36.97	6389.0	979402.54	-10.4	0.3h	2.3	-227.5	-33.5	F736	71to76		NV
4502	38	12.12	118	40.67	7352.0	979346.48	27.8	1.7h	3.5	-221.0	-25.2	N334	71to76		NV
4503	38	11.62	118	41.47	7590.0	979331.76	36.2	1.8h	3.4	-220.7	-24.6	N33	71to76		NV
4504	38	10.67	118	44.48	7257.0	979343.74	18.3	0.5h	1.8	-228.9	-31.5	N336	71to76		NV
4505	38	11.00	118	43.38	7367.0	979337.84	22.2	0.4h	1.9	-228.6	-31.7	N32	71to76		NV
4506	38	12.62	118	38.26	6729.0	979379.05	1.1	0.2h	2.1	-227.8	-32.7	G73	71to76		NV
4507	38	13.16	118	38.50	6794.0	979376.01	3.4	0.3h	2.3	-227.5	-32.7	F63	71to76		NV
4508	38	13.76	118	37.70	6604.0	979388.20	-3.1	0.4h	2.4	-227.4	-33.0	N33	71to76		NV
4509	38	36.47	118	36.27	4155.0	979593.93	-60.9	0.1h	1.6	-202.3	-21.9	N32	71to76		NV
4510	38	36.78	118	36.70	4131.0	979595.92	-61.6	0.1h	1.7	-202.1	-21.8	N32	71to76		NV
4511	38	37.40	118	37.49	4108.0	979597.77	-62.9	0.1h	1.8	-202.5	-22.6	N326	71to76		NV
4512	38	38.07	118	38.16	4111.0	979597.99	-63.3	0.1h	1.8	-203.0	-23.5	N32	71to76		NV
4513	38	39.46	118	39.38	4111.0	979599.52	-63.9	0.2h	1.8	-203.5	-24.9	N327	71to76		NV
4514	38	40.10	118	39.24	4116.0	979603.65	-60.2	0.2h	1.9	-200.0	-21.9	N32	71to76		NV
4515	38	40.84	118	39.17	4109.0	979609.07	-56.5	0.2h	1.8	-196.1	-18.6	N32	71to76		NV
4516	38	41.72	118	38.86	4118.0	979614.96	-51.1	0.2h	2.0	-190.9	-14.0	N326	71to76		NV
4517	38	42.53	118	39.15	4115.0	979616.81	-50.7	0.2h	1.8	-190.5	-14.1	N32	71to76		NV
4518	38	43.50	118	39.28	4124.0	979617.15	-50.9	0.2h	1.7	-191.2	-15.6	N326	71to76		NV
4519	38	45.77	118	39.43	4124.0	979629.82	-41.6	0.4h	1.9	-181.6	-7.6	N326	71to76		NV
4520	38	46.35	118	40.24	4156.0	979628.73	-40.6	0.1h	1.3	-182.3	-8.8	N32	71to76		NV
4521	38	47.27	118	40.61	4167.0	979622.41	-47.2	0.1h	1.1	-189.5	-16.5	N326	71to76		NV
4522	38	48.15	118	41.18	4166.0	979619.94	-51.1	0.1h	1.1	-193.4	-20.9	N427	71to76		NV
4523	38	48.67	118	41.42	4162.0	979619.24	-52.9	0.1h	1.1	-195.1	-23.0	N326	71to76		NV
4524	38	49.50	118	42.16	4150.0	979618.11	-56.4	0.1h	1.0	-198.2	-26.8	N32	71to76		NV
4525	38	50.15	118	42.75	4169.0	979616.91	-56.8	0.1h	1.0	-199.3	-28.2	N326	71to76		NV
4526	38	51.00	118	43.26	4160.0	979617.08	-58.4	0.1h	0.9	-200.7	-30.2	N326	71to76		NV
4527	38	53.17	118	42.87	4109.0	979629.13	-54.6	0.1h	0.8	-195.3	-26.3	N32	71to76		NV
4529	38	58.80	118	48.35	4186.0	979643.96	-40.8	0.0h	0.5	-184.4	-19.0	N326	71to76		NV
4530	38	59.48	118	48.28	4199.0	979647.55	-37.0	0.0h	0.4	-181.1	-16.2	N32	71to76		NV
4531	38	58.94	118	49.31	4189.0	979645.15	-39.6	0.0h	0.7	-183.1	-17.7	F53	71to76		NV
4532	38	59.68	118	50.04	4153.0	979650.56	-38.7	0.0h	0.7	-180.9	-15.8	G63	71to76		NV
4533	38	56.98	118	48.46	4123.0	979639.92	-48.1	0.0h	1.2	-188.9	-22.2	N42	71to76		NV
4534	38	57.00	118	47.53	4134.0	979638.72	-48.3	0.0h	0.8	-189.8	-23.2	N32	71to76		NV
4535	38	57.81	118	47.22	4170.0	979641.31	-43.5	0.0h	0.5	-186.6	-20.5	N32	71to76		NV
4536	38	58.34	118	46.44	4169.0	979645.77	-40.0	0.0h	0.3	-183.1	-17.5	N32	71to76		NV
4537	38	58.92	118	45.63	4169.0	979649.65	-36.9	0.0h	0.3	-180.1	-14.9	N32	71to76		NV

Table 13--(continued)

	STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
	4538	38	59.40	118	44.80	4183.0	979654.48	-31.5	0.1h	0.3	-175.2	-10.2	H32	71to76		NV
	4539	38	59.82	118	43.81	4292.0	979654.27	-22.1	0.2h	0.3	-169.5	-4.8	N32	71to76		NV
	4540	38	59.99	118	42.79	4287.0	979659.59	-17.5	0.2h	0.3	-164.7	1.9	N32	71to76		NV
	4541	38	58.24	118	43.55	4152.0	979650.38	-36.8	0.0h	0.2	-179.5	-13.9	N32	71to76		NV
	4542	38	58.08	118	41.90	4084.0	979656.74	-36.6	0.0h	0.2	-177.0	-11.2	X53	71to76		NV
	4543	38	57.73	118	41.39	4076.0	979658.19	-35.4	0.0h	0.2	-175.5	-9.4	G64	71to76		NV
	4544	38	58.08	118	40.78	4069.0	979662.62	-32.1	0.0h	0.2	-172.0	-6.2	X53	71to76		NV
	4545	38	58.08	118	39.70	4098.0	979666.56	-25.5	0.0h	0.2	-166.3	-0.5	X53	71to76		NV
	4546	38	58.08	118	38.57	4150.0	979662.28	-24.8	0.0h	0.2	-167.5	-1.6	X53	71to76		NV
	4547	38	57.45	118	43.33	4134.0	979647.51	-40.2	0.0h	0.2	-182.3	-16.1	G63	71to76		NV
	4548	38	57.21	118	46.33	4151.0	979639.68	-46.1	0.0h	0.5	-188.5	-22.0	X53	71to76		NV
	4549	38	57.21	118	45.24	4147.0	979641.94	-44.2	0.0h	0.3	-186.6	-20.2	X53	71to76		NV
	4550	38	57.21	118	44.13	4154.0	979643.77	-41.7	0.0h	0.3	-184.4	-18.0	X53	71to76		NV
	4551	38	57.21	118	43.02	4119.0	979648.59	-40.2	0.0h	0.2	-181.7	-15.4	X53	71to76		NV
	4552	38	57.21	118	41.89	4099.0	979654.11	-36.5	0.0h	0.2	-177.4	-11.0	X53	71to76		NV
	4553	38	57.21	118	40.78	4139.0	979657.87	-29.0	0.0h	0.2	-171.3	-4.9	H43	71to76		NV
	4554	38	57.20	118	39.70	4201.0	979660.21	-20.8	0.0h	0.2	-165.2	1.2	X53	71to76		NV
	4555	38	57.20	118	38.57	4265.0	979656.92	-18.1	0.1h	0.2	-164.7	1.8	X53	71to76		NV
	4556	38	56.82	118	39.25	4274.0	979655.53	-18.1	0.1h	0.2	-165.0	1.6	G65	71to76		NV
	4557	38	55.82	118	38.25	4501.0	979639.18	-11.6	0.2h	0.4	-166.1	1.1	G63	71to76		NV
	4558	38	55.80	118	39.75	4364.0	979648.86	-14.8	0.6h	0.9	-164.1	3.1	G64	71to76		NV
	4559	38	55.74	118	41.14	4201.0	979661.84	-17.0	0.9h	1.2	-160.4	6.8	G65	71to76		NV
	4560	38	56.34	118	41.90	4170.0	979653.43	-29.3	0.0h	0.3	-172.5	-5.6	X53	71to76		NV
	4561	38	56.34	118	43.02	4153.0	979644.43	-39.8	0.0h	0.3	-182.5	-15.6	X53	71to76		NV
	4562	38	56.34	118	44.13	4136.0	979638.48	-47.4	0.0h	0.3	-189.4	-22.5	X53	71to76		NV
	4563	38	56.16	118	44.95	4134.0	979634.63	-51.2	0.0h	0.4	-193.0	-26.0	G65	71to76		NV
	4564	38	55.84	118	46.33	4116.0	979633.59	-53.4	0.0h	0.8	-194.3	-27.0	N326	71to76		NV
	4565	38	57.65	118	49.66	4129.0	979640.85	-47.6	0.1h	1.5	-188.3	-21.9	N32	71to76		NV
	4566	38	58.65	118	50.10	4137.0	979643.86	-45.3	0.0h	1.1	-186.6	-21.0	F53	71to76		NV
	4567	38	59.62	118	51.01	4173.0	979648.45	-38.8	0.1h	1.0	-181.4	-16.3	G63	71to76		NV
	4568	38	58.83	118	51.15	4149.0	979645.94	-42.4	0.2h	1.6	-183.6	-18.0	G63	71to76		NV
	4569	38	59.31	118	51.81	4318.0	979642.15	-31.0	1.0h	2.2	-177.4	-12.1	N548	71to76		NV
	4570	38	55.49	118	48.35	4241.0	979635.89	-38.9	0.2h	1.9	-182.9	-15.3	N32	71to76		NV
	4571	38	53.74	118	47.94	4083.0	979641.23	-45.8	1.4h	4.4	-181.9	-13.0	N326	71to76		NV
	4572	38	55.46	118	47.44	4144.0	979634.49	-49.3	0.0h	1.3	-190.6	-23.0	X53	71to76		NV
	4573	38	55.94	118	47.81	4156.0	979635.16	-48.3	0.1h	1.3	-190.0	-22.7	G63	71to76		NV
AP	4574	38	56.73	118	48.02	4120.0	979638.76	-49.2	0.0h	1.1	-189.9	-23.1	N32	71to76		NV
	4575	38	56.39	118	47.39	4118.0	979636.17	-51.5	0.0h	0.9	-192.3	-25.2	N32	71to76		NV
	4576	38	53.55	118	45.74	4075.0	979625.19	-62.3	0.0h	1.2	-201.4	-32.5	G63	71to76		NV
	4577	38	54.57	118	45.78	4096.0	979627.39	-59.6	0.0h	0.9	-199.7	-31.5	G647	71to76		NV
	4578	38	55.25	118	45.21	4105.0	979630.43	-56.8	0.0h	0.6	-197.4	-29.8	G637	71to76		NV
	4579	38	59.83	118	47.43	4205.0	979650.40	-34.1	0.0h	0.3	-178.5	-13.8	X53	71to76		NV
	4580	38	59.83	118	46.34	4215.0	979649.87	-33.7	0.0h	0.3	-178.5	-13.7	X53	71to76		NV
	4581	38	59.83	118	45.24	4229.0	979653.27	-29.0	0.0h	0.3	-174.3	-9.6	X53	71to76		NV
	4582	38	58.09	118	44.13	4131.0	979650.68	-38.3	0.0h	0.2	-180.2	-14.5	X53	71to76		NV
	4583	38	58.97	118	44.13	4158.0	979654.24	-33.4	0.0h	0.3	-176.3	-11.0	X53	71to76		NV
	4584	38	59.81	118	43.01	4244.0	979661.35	-19.5	0.1h	0.2	-165.3	-0.6	X53	71to76		NV
	4585	38	59.81	118	41.89	4243.0	979659.87	-21.1	0.1h	0.2	-166.9	-2.2	X53	71to76		NV
	4586	38	59.82	118	40.76	4186.0	979659.45	-26.9	0.0h	0.2	-170.7	-5.9	X53	71to76		NV
	4587	38	59.82	118	39.69	4119.0	979662.94	-29.7	0.0h	0.2	-171.2	-6.4	X53	71to76		NV
	4588	38	59.82	118	38.57	4060.0	979660.38	-37.8	0.0h	0.3	-177.3	-12.4	N32	71to76		NV
	4589	38	59.30	118	39.00	4051.0	979664.32	-33.9	0.0h	0.2	-173.1	-8.0	N325	71to76		NV
	4590	38	59.82	118	38.02	4046.0	979659.84	-39.6	0.0h	0.3	-178.6	-13.6	N32	71to76		NV
	4591	38	59.82	118	37.45	4065.0	979658.91	-38.8	0.0h	0.3	-178.4	-13.4	H32	71to76		NV
	4592	38	58.97	118	37.45	4110.0	979655.67	-36.5	0.0h	0.2	-177.8	-12.3	N32	71to76		NV
	4593	38	46.07	118	32.60	5266.0	979567.34	2.8	0.3h	0.8	-177.5	-4.3	F63	71to76		NV
	4594	38	46.48	118	31.01	5471.0	979556.62	10.7	0.2h	0.7	-176.6	-3.7	X63	71to76		NV
	4595	38	46.28	118	30.28	5481.0	979556.09	11.5	0.2h	0.6	-176.3	-3.2	G64	71to76		NV
	4596	38	46.44	118	34.83	5036.0	979575.83	-10.9	0.6h	1.2	-182.8	-9.8	G63	71to76		NV
	4597	38	45.87	118	34.53	5101.0	979570.03	-9.7	0.4h	1.1	-184.0	-10.5	H43	71to76		NV

Table 13--(continued)

STATION NAME		LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
	4598	38	46.05	118	35.43	5421.0	979549.81	-0.1	1.4h	2.1	-184.4	-11.2	G63	71to76		NV
	4599	38	47.66	118	36.43	4807.0	979595.86	-14.2	2.0h	2.8	-176.7	-4.3	G64	71to76		NV
AP	4600	38	49.49	118	0.01	4574.0	979593.12	-41.5	0.0f	0.5	-198.4	-19.1	N325	71to76		NV
AP	4601	38	49.70	118	0.60	4570.0	979595.19	-40.1	0.0f	0.4	-196.9	-18.0	N32	71to76		NV
M P	4602	38	49.95	118	1.55	4518.0	979596.74	-43.8	0.0f	0.3	-198.9	-20.5	N32	71to76		NV
AP	4603	38	50.21	118	2.50	4471.5	979595.37	-49.9	0.0f	0.3	-203.5	-25.5	N32	71to76		NV
AP	4604	38	50.36	118	3.45	4424.7	979596.63	-53.3	0.0f	0.3	-205.2	-27.7	N325	71to76		NV
AP	4605	38	50.34	118	4.46	4397.3	979598.74	-53.7	0.0f	0.3	-204.7	-27.6	N32	71to76		NV
AP	4606	38	50.22	118	5.44	4368.1	979603.74	-51.3	0.0f	0.3	-201.3	-24.6	N32	71to76		NV
AP	4607	38	50.20	118	6.02	4359.1	979607.62	-48.3	0.0f	0.3	-197.9	-21.5	N32	71to76		NV
AP	4609	38	50.60	118	7.28	4328.0	979617.79	-41.6	0.0f	0.3	-190.3	-14.4	N32	71to76		NV
AP	4610	38	50.79	118	8.27	4303.7	979623.26	-38.7	0.0f	0.2	-186.5	-11.1	N35	71to76		NV
AP	4612	38	51.05	118	9.19	4279.0	979625.68	-39.0	0.0f	0.2	-186.0	-11.0	N35	71to76		NV
AP	4614	38	51.79	118	11.17	4254.5	979636.18	-31.9	0.0f	0.2	-178.1	-4.0	N32	71to76		NV
AP	4615	38	52.10	118	11.90	4281.9	979645.76	-20.2	0.1f	0.3	-167.2	6.4	N32	71to76		NV
AP	4617	38	52.68	118	11.87	4271.8	979646.96	-20.8	0.1f	0.3	-167.4	6.0	N32	71to76		NV
AP	4618	38	53.24	118	11.79	4222.6	979650.03	-23.1	0.0f	0.3	-168.1	5.2	N32	71to76		NV
AP	4619	38	53.65	118	11.72	4203.2	979651.30	-24.3	0.0f	0.3	-168.6	4.5	N32	71to76		NV
AP	4621	38	55.14	118	11.71	4124.5	979650.11	-35.1	0.0f	0.4	-176.7	-3.9	N32	71to76		NV
M P	4623	38	55.70	118	13.14	4110.3	979636.10	-51.3	0.0f	0.3	-192.4	-20.4	N32	71to76		NV
M P	4624	38	56.09	118	14.05	4110.4	979640.19	-47.7	0.0f	0.3	-188.9	-17.3	N32	71to76		NV
AP	4625	38	56.46	118	14.91	4109.8	979647.95	-40.6	0.0f	0.3	-181.7	-10.6	N32	71to76		NV
AP	4626	38	56.82	118	15.80	4103.5	979650.16	-39.5	0.0f	0.3	-180.4	-9.6	N32	71to76		NV
AP	4628	38	56.85	118	16.82	4101.7	979648.23	-41.6	0.0f	0.3	-182.5	-12.0	N32	71to76		NV
AP	4629	38	56.82	118	17.82	4103.0	979646.47	-43.2	0.0f	0.3	-184.1	-14.0	N32	71to76		NV
AP	4630	38	57.01	118	18.71	4128.8	979646.37	-41.2	0.0f	0.4	-182.9	-13.0	N32	71to76		NV
AP	4631	38	57.24	118	19.17	4151.6	979646.78	-39.0	0.0f	0.4	-181.4	-11.8	F44	71to76		NV
AP	4684	38	57.46	118	19.50	4184.8	979644.25	-38.7	0.0f	0.4	-182.3	-12.9	N32	71to76		NV
AP	4686	38	57.99	118	20.28	4311.4	979640.57	-31.3	0.0f	0.5	-179.1	-10.1	N326	71to76		NV
AP	4687	38	58.31	118	20.76	4418.8	979636.72	-25.5	0.0f	0.5	-177.0	-8.3	F54	71to76		NV
	4688	38	31.39	118	35.86	4335.4	979571.37	-59.1	0.0h	1.5	-206.7	-22.8	E43	71to76		NV
	4689	38	31.10	118	35.65	4350.2	979570.05	-58.6	0.0h	1.5	-206.7	-22.6	E43	71to76		NV
	4690	38	30.97	118	36.02	4359.5	979569.18	-58.4	0.0h	1.7	-206.7	-22.3	E43	71to76		NV
	4691	38	30.61	118	36.64	4409.2	979566.19	-56.2	0.0h	1.9	-206.0	-21.2	E43	71to76		NV
	4692	38	30.13	118	37.37	4500.3	979561.88	-51.2	0.0h	2.2	-203.8	-18.5	E43	71to76		NV
	4693	38	29.73	118	36.66	4526.8	979558.12	-51.9	0.0h	2.0	-205.6	-20.3	E43	71to76		NV
	4694	38	29.40	118	36.00	4540.7	979556.06	-52.2	0.0h	1.9	-206.5	-21.1	E43	71to76		NV
	4695	38	29.00	118	35.29	4555.0	979554.50	-51.8	0.1h	1.8	-206.7	-21.2	E43	71to76		NV
	4696	38	28.50	118	34.45	4611.7	979551.12	-49.1	0.1h	1.7	-206.1	-20.5	E43	71to76		NV
	4697	38	29.00	118	34.08	4543.8	979556.32	-51.0	0.0h	1.5	-205.8	-20.6	E43	71to76		NV
	4698	38	29.39	118	34.76	4492.1	979558.95	-53.8	0.0h	1.6	-206.8	-21.6	E43	71to76		NV
	4699	38	29.59	118	35.13	4472.7	979560.28	-54.6	0.0h	1.7	-206.8	-21.8	E43	71to76		NV
	4700	38	29.84	118	35.62	4458.9	979561.54	-55.0	0.0h	1.7	-206.7	-21.7	E43	71to76		NV
	4703	38	29.76	118	34.24	4454.0	979562.26	-54.6	0.0h	1.5	-206.4	-21.6	E43	71to76		NV
	4704	38	29.40	118	33.66	4483.9	979561.86	-51.7	0.0h	1.4	-204.5	-19.6	E43	71to76		NV
	4705	38	29.60	118	33.60	4470.3	979563.28	-51.8	0.0h	1.4	-204.3	-19.5	E43	71to76		NV
	4706	38	29.88	118	33.31	4438.4	979566.86	-51.7	0.0h	1.4	-203.0	-18.5	E43	71to76		NV
	4707	38	30.05	118	32.80	4426.9	979569.39	-50.5	0.0h	1.3	-201.5	-17.2	E43	71to76		NV
	4708	38	30.56	118	32.88	4399.2	979572.20	-51.0	0.0h	1.2	-201.1	-17.2	E43	71to76		NV
	4709	38	31.13	118	33.19	4372.4	979575.13	-51.4	0.0h	1.2	-200.7	-17.2	E43	71to76		NV
	4710	38	31.23	118	32.52	4387.8	979579.20	-46.1	0.0h	1.1	-195.9	-12.6	E43	71to76		NV
	4711	38	31.56	118	31.63	4374.5	979584.32	-42.7	0.0h	1.2	-192.0	-9.0	E43	71to76		NV
	4712	38	32.21	118	31.29	4354.4	979586.00	-43.8	0.0h	1.2	-192.5	-10.0	E43	71to76		NV
	4713	38	30.94	118	34.25	4381.8	979569.84	-55.6	0.0h	1.3	-205.1	-21.1	E43	71to76		NV
	4714	38	31.25	118	34.52	4359.3	979571.10	-56.9	0.0h	1.3	-205.6	-21.8	E43	71to76		NV
	4715	38	31.28	118	35.16	4353.3	979570.62	-58.0	0.0h	1.4	-206.4	-22.5	E438	71to76		NV
	4716	38	30.34	118	33.79	4407.4	979567.61	-54.5	0.0h	1.3	-204.8	-20.5	E43	71to76		NV
	4717	38	29.80	118	34.00	4449.9	979563.31	-54.0	0.0h	1.4	-205.7	-21.0	E43	71to76		NV
	4718	38	30.06	118	34.45	4431.2	979563.88	-55.6	0.0h	1.4	-206.6	-22.0	E43	71to76		NV
	4719	38	30.37	118	34.96	4413.5	979565.13	-56.5	0.0h	1.5	-206.9	-22.3	E43	71to76		NV

Table 13--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
4720	38	30.48	118	35.13	4396.9	979566.20	-57.1	0.0h	1.5	-206.9	-22.4	E43	71to76		NV
4722	38	31.50	118	37.59	4319.3	979575.48	-56.6	0.0h	2.2	-203.1	-18.8	E43	71to76		NV
4723	38	32.33	118	36.40	4250.7	979578.47	-61.3	0.0h	1.6	-206.0	-22.5	E43	71to76		NV
4724	38	32.10	118	35.75	4298.1	979575.02	-60.0	0.0h	1.4	-206.4	-23.0	E43	71to76		NV
4725	38	32.05	118	35.54	4318.1	979573.67	-59.4	0.0h	1.4	-206.6	-23.1	E43	71to76		NV
4726	38	31.80	118	34.77	4341.9	979572.73	-57.7	0.0h	1.3	-205.8	-22.4	E43	71to76		NV
4727	38	31.64	118	34.38	4346.2	979573.14	-56.6	0.0h	1.2	-205.0	-21.5	E43	71to76		NV
4728	38	31.96	118	34.23	4337.0	979575.03	-56.1	0.0h	1.2	-204.2	-20.9	E43	71to76		NV
4729	38	32.68	118	33.80	4319.6	979578.48	-55.3	0.0h	1.1	-202.9	-20.2	E43	71to76		NV
4730	38	32.44	118	33.11	4343.0	979578.97	-52.3	0.0h	1.1	-200.7	-18.0	E43	71to76		NV
4731	38	32.25	118	32.49	4348.7	979579.81	-50.6	0.0h	1.1	-199.2	-16.5	E43	71to76		NV
4732	38	32.92	118	32.12	4341.5	979580.81	-51.3	0.0h	1.0	-199.6	-17.4	E43	71to76		NV
4733	38	32.66	118	31.44	4335.0	979585.23	-47.1	0.0h	1.1	-195.2	-12.8	E43	71to76		NV
4734	38	33.23	118	31.11	4334.3	979585.89	-47.3	0.0h	1.1	-195.4	-13.5	E43	71to76		NV
4735	38	33.00	118	30.49	4350.4	979588.96	-42.4	0.0h	1.1	-191.0	-9.0	E43	71to76		NV
4736	38	33.50	118	30.18	4371.9	979585.49	-44.6	0.0h	1.1	-193.9	-12.3	E43	71to76		NV
4738	38	34.23	118	30.52	4408.9	979577.93	-49.8	0.0h	1.1	-200.3	-19.3	E43	71to76		NV
4739	38	34.66	118	31.74	4338.9	979579.02	-55.9	0.1h	1.3	-203.9	-23.0	E43	71to76		NV
4740	38	35.06	118	33.00	4274.1	979581.70	-59.9	0.1h	1.4	-205.6	-24.7	E43	71to76		NV
4741	38	35.58	118	34.46	4225.6	979585.73	-61.2	0.1h	1.4	-205.2	-24.4	E43	71to76		NV
4742	38	34.13	118	35.76	4182.8	979585.79	-63.0	0.0h	1.4	-205.6	-23.6	E43	71to76		NV
4743	38	34.31	118	36.29	4154.6	979586.82	-64.9	0.0h	1.5	-206.4	-24.5	E43	71to76		NV
4744	38	33.94	118	35.03	4232.4	979585.14	-58.7	0.0h	1.2	-203.1	-21.1	E43	71to76		NV
4745	38	33.72	118	34.44	4258.1	979581.79	-59.3	0.0h	1.2	-204.7	-22.6	E43	71to76		NV
4746	38	33.34	118	33.40	4310.6	979579.44	-56.2	0.0h	1.1	-203.5	-21.3	E43	71to76		NV
4747	38	32.87	118	34.39	4299.5	979578.76	-57.2	0.0h	1.2	-204.0	-21.3	E43	71to76		NV
4748	38	33.10	118	35.00	4258.6	979580.30	-59.9	0.0h	1.3	-205.2	-22.5	E43	71to76		NV
4749	38	33.35	118	35.72	4223.4	979581.72	-62.1	0.0h	1.4	-206.1	-23.5	E43	71to76		NV
4751	38	33.19	118	37.91	4154.4	979586.99	-63.1	0.0h	2.1	-204.0	-20.8	E43	71to76		NV
4752	38	33.70	118	36.99	4149.8	979585.94	-65.3	0.0h	1.7	-206.5	-23.8	E43	71to76		NV
4753	38	34.33	118	36.79	4137.7	979587.56	-65.8	0.0h	1.6	-206.6	-24.6	E43	71to76		NV
4754	38	34.80	118	36.61	4125.9	979588.93	-66.2	0.0h	1.5	-206.6	-25.0	E436	71to76		NV
4755	38	35.47	118	36.25	4122.2	979589.74	-66.7	0.0h	1.5	-207.1	-26.0	E43	71to76		NV
4757	38	36.02	118	35.65	4171.6	979590.23	-62.4	0.1h	1.5	-204.4	-23.8	E43	71to76		NV
4758	38	34.87	118	37.64	4082.4	979590.95	-68.4	0.0h	1.8	-207.1	-25.3	E43	71to76		NV
4759	38	35.14	118	37.80	4076.0	979591.09	-69.2	0.0h	1.8	-207.7	-26.0	E43	71to76		NV
4760	38	35.69	118	38.41	4038.4	979593.14	-71.5	0.0h	2.0	-208.5	-27.2	E43	71to76		NV
4761	38	35.66	118	37.86	4061.4	979592.06	-70.4	0.0h	1.8	-208.4	-27.1	E43	71to76		NV
4773	38	59.70	118	32.24	4397.0	979650.22	-16.1	0.0h	0.2	-167.2	-1.5	F636	71to76		NV
4774	38	58.70	118	32.05	4295.0	979653.93	-20.5	0.0h	0.2	-168.0	-1.8	X63	71to76		NV
4775	38	58.94	118	30.79	4489.0	979637.92	-18.6	0.1h	0.3	-172.8	-6.6	X53	71to76		NV
4776	38	59.80	118	30.79	4564.0	979635.03	-15.7	0.1h	0.3	-172.5	-6.6	H42	71to76		NV
4777	38	58.95	118	34.10	4336.0	979651.71	-19.2	0.1h	0.1	-168.3	-2.5	X535	71to76		NV
4778	38	57.60	118	36.85	4308.0	979645.33	-26.2	0.1h	0.1	-174.3	-8.1	N32	71to76		NV
4779	38	57.20	118	35.80	4336.0	979647.09	-21.3	0.1h	0.2	-170.3	-3.7	F536	71to76		NV
4780	38	57.54	118	35.35	4315.0	979649.23	-21.6	0.0h	0.1	-170.0	-3.5	G63	71to76		NV
4781	38	58.08	118	34.10	4256.0	979652.64	-24.5	0.0h	0.2	-170.8	-4.6	X53	71to76		NV
4782	38	58.08	118	35.22	4293.0	979648.89	-24.8	0.0h	0.1	-172.4	-6.4	X53	71to76		NV
4783	38	59.19	118	34.80	4329.0	979654.48	-17.5	0.2h	0.2	-166.3	-0.7	G63	71to76		NV
4784	38	57.29	118	35.40	4327.0	979650.15	-19.2	0.1h	0.2	-167.9	-1.3	G64	71to76		NV
4785	38	57.60	118	33.89	4381.0	979651.65	-13.1	0.0h	0.1	-163.7	2.8	G64	71to76		NV
4786	38	57.87	118	33.55	4243.0	979652.99	-25.1	0.0h	0.2	-170.9	-4.5	G64	71to76		NV
4787	38	56.85	118	34.97	4380.0	979649.35	-14.4	0.1h	0.2	-164.9	2.0	N32	71to76		NV
4788	38	56.32	118	34.12	4479.0	979636.91	-16.7	0.1h	0.2	-170.6	-3.4	H42	71to76		NV
4789	38	55.85	118	32.63	4380.0	979635.83	-26.4	0.1h	0.3	-176.8	-9.2	N32	71to76		NV
4790	38	55.96	118	33.49	4470.0	979635.17	-18.8	0.1h	0.3	-172.3	-4.9	G64	71to76		NV
4791	38	55.44	118	31.85	4371.0	979632.28	-30.2	0.1h	0.3	-180.3	-12.3	F546	71to76		NV
4792	38	55.47	118	30.78	4332.0	979628.80	-37.4	0.1h	0.4	-186.1	-18.1	X53	71to76		NV
4793	38	55.00	118	30.83	4373.0	979627.01	-34.6	0.1h	0.4	-184.7	-16.5	N32	71to76		NV
4794	38	54.60	118	30.79	4417.0	979624.76	-32.1	0.1h	0.4	-183.8	-15.3	X53	71to76		NV

Table 13--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
4795	38	56.32	118	36.34	4473.0	979636.32	-17.8	0.1h	0.3	-171.5	-4.5	X53	71to76		NV
4796	38	54.88	118	35.57	4941.0	979605.26	-2.8	0.5h	0.9	-171.8	-4.0	G645	71to76		NV
4797	38	51.13	118	32.14	4990.0	979593.69	-4.2	0.7h	1.2	-174.7	-4.4	H42	71to76		NV
4798	38	51.17	118	31.07	4981.0	979591.70	-7.1	0.6h	1.1	-177.4	-7.1	G64	71to76		NV
4799	38	50.60	118	32.00	5073.0	979589.82	0.5	0.4h	0.9	-173.1	-2.5	F535	71to76		NV
4800	38	50.16	118	32.13	5188.0	979582.76	4.9	0.3h	0.8	-172.7	-1.9	G63	71to76		NV
4801	38	49.72	118	32.48	5317.0	979573.65	8.5	0.4h	0.9	-173.3	-2.4	G63	71to76		NV
4802	38	48.90	118	32.84	5584.0	979550.05	11.2	0.2h	0.8	-179.9	-8.5	F53	71to76		NV
4803	38	48.10	118	32.67	5500.0	979552.06	6.5	0.1h	0.6	-182.0	-10.0	G64	71to76		NV
4804	38	47.74	118	32.34	5461.0	979555.20	6.5	0.2h	0.6	-180.5	-8.3	G64	71to76		NV
W1	38	33.42	118	27.74	4468.0	979587.86	-33.1	0.1h	1.3	-185.6	-4.2	N32	78		NV
W2	38	33.81	118	28.72	4465.0	979587.21	-34.6	0.0h	1.1	-187.1	-5.9	N32	78		NV
W3	38	34.13	118	29.75	4465.0	979578.76	-43.5	0.0h	1.1	-196.0	-15.0	N32	78		NV
W4	38	33.21	118	26.65	4472.0	979587.56	-32.7	0.1h	1.4	-185.2	-3.7	N32	78		NV
W6	38	34.10	118	24.64	4943.0	979564.60	-12.7	0.2h	1.2	-181.5	-1.0	G63	78		NV
W7	38	32.76	118	24.60	4483.0	979587.31	-31.3	0.1h	1.5	-184.0	-2.5	N32	78		NV
W8	38	32.57	118	23.51	4396.0	979591.76	-34.7	0.1h	1.8	-184.2	-2.7	N32	78		NV
W9	38	32.98	118	22.80	4378.0	979591.44	-37.3	0.1h	1.8	-186.2	-4.8	G63	78		NV
W10	38	32.51	118	22.41	4376.0	979589.41	-38.8	0.1h	1.7	-187.7	-6.1	N32	78		NV
W11	38	32.45	118	21.31	4382.0	979585.49	-42.1	0.1h	1.7	-191.3	-9.7	N32	78		NV
W12	38	32.33	118	19.11	4409.0	979577.62	-47.3	0.1h	1.6	-197.3	-15.8	N32	78		NV
W13	38	32.25	118	17.67	4434.0	979574.65	-47.8	0.1h	1.6	-198.7	-17.2	F53	78		NV
W14	38	33.21	118	18.60	4403.0	979577.81	-48.9	0.1h	1.6	-198.8	-17.7	G63	78		NV
W15	38	33.80	118	19.19	4492.0	979578.17	-41.1	0.1h	1.6	-194.0	-13.2	G63	78		NV
W16	38	35.47	118	20.91	5090.0	979548.65	-16.8	0.2h	1.7	-190.2	-10.4	G63	78		NV
W17	38	35.97	118	20.96	5243.0	979543.33	-8.5	0.2h	1.8	-187.0	-7.6	G63	78		NV
W18	38	32.61	118	28.23	4659.0	979574.78	-27.0	0.4h	1.3	-186.0	-4.1	G63	78		NV
W19	38	32.13	118	28.16	4801.0	979566.46	-21.3	0.8h	1.6	-184.8	-2.7	N32	78		NV
W20	38	31.05	118	27.96	5099.0	979540.58	-17.6	1.4h	2.2	-190.7	-8.1	N325	78		NV
W21	38	30.47	118	27.65	5333.0	979525.43	-9.9	1.5h	2.3	-190.9	-8.0	N32	78		NV
W22	38	30.16	118	27.29	5477.0	979517.70	-3.6	1.4h	2.2	-189.7	-6.7	G63	78		NV
W23	38	30.58	118	26.10	6480.0	979450.46	22.8	5.3h	9.0	-190.8	-8.5	G63	78		NV
W24	38	32.32	118	24.99	4581.0	979580.73	-28.0	0.1h	1.4	-184.2	-2.4	G63	78		NV
W25	38	32.16	118	23.12	4390.0	979591.03	-35.4	0.1h	1.8	-184.6	-2.9	G63	78		NV
W26	38	32.20	118	16.91	4457.0	979574.67	-45.5	0.1h	1.6	-197.3	-15.8	N32	78		NV
W27	38	32.13	118	15.78	4491.0	979571.44	-45.4	0.1h	1.5	-198.5	-16.9	N32	78		NV
W28	38	33.96	118	17.22	4693.0	979572.58	-28.0	0.1h	1.3	-188.2	-7.5	G63	78		NV
W29	38	34.30	118	16.77	4806.0	979566.94	-23.5	0.1h	1.2	-187.6	-7.1	G63	78		NV
W30	38	34.98	118	16.54	5026.0	979556.02	-14.8	0.2h	1.3	-186.3	-6.1	G63	78		NV
W31	38	35.56	118	16.59	5203.0	979547.73	-7.3	0.4h	1.6	-184.6	-4.7	G63	78		NV
W32	38	35.84	118	16.15	5234.0	979548.05	-4.4	0.4h	1.7	-182.7	-2.9	G63	78		NV
W33	38	36.23	118	17.01	5446.0	979536.97	3.8	0.5h	1.7	-181.6	-2.2	G63	78		NV
W34	38	37.05	118	17.76	5788.0	979516.86	14.6	0.5h	1.7	-182.6	-3.7	G63	78		NV
W35	38	36.63	118	18.25	5988.0	979505.78	23.0	0.6h	1.9	-180.8	-1.8	G63	78		NV
W36	38	32.08	118	14.68	4522.0	979568.13	-45.8	0.1h	1.4	-200.0	-18.4	N32	78		NV
W37	38	31.94	118	13.58	4555.0	979564.81	-45.8	0.1h	1.3	-201.2	-19.5	N32	78		NV
W38	38	31.59	118	12.59	4541.0	979564.21	-47.2	0.1h	1.3	-202.1	-20.2	N32	78		NV
W39	38	31.06	118	11.73	4506.0	979566.99	-46.9	0.1h	1.5	-200.5	-18.4	N32	78		NV
W41	38	30.42	118	10.74	4464.0	979567.75	-49.2	0.1h	1.7	-201.1	-18.7	N32	78		NV
W42	38	30.43	118	8.52	4465.0	979562.09	-54.8	0.1h	2.0	-206.4	-23.8	X62	78		NV
W43	38	30.85	118	7.82	4621.0	979562.53	-40.3	0.2h	2.3	-197.0	-14.5	G63	78		NV
W44	38	32.01	118	9.17	4598.0	979566.79	-39.9	0.1h	1.8	-196.2	-14.2	G63	78		NV
W45	38	32.37	118	8.24	4852.0	979559.28	-24.0	0.3h	2.1	-188.8	-6.9	G63	78		NV
W46	38	32.62	118	8.39	4873.0	979559.75	-22.0	0.3h	2.1	-187.5	-5.7	G63	78		NV
W47	38	31.55	118	10.90	4514.0	979566.85	-47.0	0.1h	1.4	-200.9	-18.9	N324	78		NV
W48	38	33.25	118	10.58	4715.0	979567.71	-29.8	0.1h	1.5	-190.5	-9.0	N324	78		NV
W49	38	34.05	118	10.42	4905.0	979561.46	-19.3	0.1h	1.5	-186.5	-5.4	N324	78		NV
W51	38	35.66	118	9.68	5487.0	979535.67	7.2	1.1h	2.4	-179.0	1.4	N324	78		NV
W52	38	35.75	118	8.57	5870.0	979511.89	19.3	0.7h	1.8	-180.6	-0.2	N326	78		NV
W53	38	35.70	118	7.52	6055.0	979498.65	23.5	0.6h	1.7	-182.8	-2.2	N326	78		NV

Table 13--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE ST NAME
W54	38	38.20	118	18.00	6125.0	979500.17	27.9	0.4h	1.6	-180.9	-2.7	G63	78	NV
W55	38	38.62	118	17.82	6165.0	979499.20	30.1	0.4h	1.5	-180.1	-2.1	G63	78	NV
W56	38	39.72	118	18.20	6179.0	979492.12	22.7	0.2h	1.2	-188.3	-10.8	N326	78	NV
W57	38	39.89	118	18.76	6168.0	979491.56	20.9	0.2h	1.2	-189.8	-12.5	G636	78	NV
W58	38	40.10	118	19.51	6169.0	979491.58	20.7	0.2h	1.1	-190.1	-13.0	N32	78	NV
W59	38	40.20	118	20.61	6164.0	979497.76	26.3	0.3h	1.2	-184.3	-7.3	N326	78	NV
W60	38	40.05	118	21.22	6113.0	979501.62	25.5	0.2h	1.1	-183.3	-6.3	G63	78	NV
W61	38	38.80	118	22.08	6396.0	979482.11	34.5	0.5h	1.8	-183.4	-5.8	G63	78	NV
W62	38	37.92	118	21.68	5962.0	979505.34	18.2	1.6h	2.7	-183.9	-5.8	G63	78	NV
W63	38	40.46	118	21.43	6063.0	979503.75	22.4	0.3h	1.2	-184.8	-7.9	N324	78	NV
W64	38	40.91	118	22.39	5968.0	979508.33	17.4	0.2h	1.1	-186.6	-10.0	N324	78	NV
W65	38	41.53	118	23.23	5917.0	979511.39	14.7	0.3h	1.1	-187.5	-11.2	N325	78	NV
W66	38	42.31	118	24.12	5988.0	979506.50	15.4	0.3h	1.1	-189.3	-13.6	N325	78	NV
W67	38	42.84	118	24.80	5974.0	979510.67	17.4	0.3h	1.1	-186.8	-11.4	N326	78	NV
W68	38	43.33	118	25.67	5903.0	979520.09	19.5	0.2h	1.0	-182.4	-7.4	N325	78	NV
W69	38	41.37	118	26.16	6618.0	979473.98	43.4	0.7h	2.5	-181.3	-5.3	G63	78	NV
W70	38	43.18	118	28.99	5837.0	979522.36	15.7	0.2h	1.1	-183.7	-8.8	N326	78	NV
W71	38	43.60	118	29.08	5765.0	979528.64	14.6	0.1h	0.9	-182.5	-7.8	N326	78	NV
W73	38	43.40	118	27.88	5901.0	979521.01	20.1	0.2h	1.0	-181.6	-6.8	N326	78	NV
W74	38	43.52	118	26.80	5846.0	979524.79	18.5	0.2h	1.0	-181.4	-6.5	N325	78	NV
W75	38	40.43	118	22.90	6060.0	979501.73	20.1	0.3h	1.2	-186.9	-10.1	G63	78	NV
W76	38	39.22	118	24.16	6506.0	979474.12	36.2	0.4h	1.9	-185.3	-8.0	G63	78	NV
W77	38	38.71	118	24.50	6648.0	979464.70	40.9	0.6h	2.6	-184.8	-7.3	G63	78	NV
W78	38	40.06	118	17.34	6303.0	979487.33	29.1	0.4h	1.5	-185.9	-8.6	N326	78	NV
W79	38	40.23	118	16.22	6469.0	979476.20	33.3	0.6h	1.9	-186.9	-9.6	N326	78	NV
W81	38	40.87	118	15.95	6254.0	979489.89	25.9	1.0h	2.1	-186.9	-9.7	G637	78	NV
W82	38	41.59	118	16.42	6049.0	979505.67	21.3	1.3h	2.3	-184.2	-7.4	N325	78	NV
W83	38	42.37	118	16.93	5818.0	979523.20	16.0	1.3h	2.4	-181.5	-5.1	N326	78	NV
W84	38	42.95	118	17.80	5605.0	979536.88	8.8	1.3h	2.5	-181.4	-5.3	N325	78	NV
W85	38	43.62	118	18.31	5421.0	979550.06	3.7	1.2h	2.4	-180.3	-4.6	N324	78	NV
W86	38	43.96	118	18.65	5297.0	979557.17	-1.3	1.0h	2.2	-181.3	-5.7	G63	78	NV
W87	38	44.32	118	18.83	5206.0	979563.36	-4.2	0.9h	2.1	-181.1	-5.7	N324	78	NV
W88	38	44.83	118	19.09	5081.0	979570.42	-9.7	0.6h	1.8	-182.6	-7.4	G63	78	NV
W89	38	45.23	118	19.25	4965.0	979575.59	-16.0	0.4h	1.5	-185.2	-10.3	N324	78	NV
W90	38	46.03	118	19.71	4795.0	979585.49	-23.3	0.2h	1.3	-186.9	-12.4	N324	78	NV
W91	38	46.76	118	20.20	4668.0	979595.18	-26.6	0.2h	1.2	-185.9	-11.9	N324	78	NV
W92	38	47.49	118	20.79	4671.0	979597.48	-25.1	0.2h	1.0	-184.7	-11.2	N324	78	NV
AP W93Q	38	48.39	118	21.20	4629.0	979602.27	-25.6	0.1f	0.9	-183.9	-10.8	G635	78	NV
W94	38	49.23	118	21.50	4468.0	979613.46	-30.7	0.1h	0.7	-183.8	-11.2	N324	78	NV
W95	38	50.09	118	21.79	4433.0	979616.67	-32.1	0.1h	0.5	-184.1	-12.0	N326	78	NV
W96	38	45.67	118	27.91	5426.0	979555.02	6.1	0.2h	0.6	-179.8	-6.1	N324	78	NV
W98	38	47.17	118	26.93	5205.0	979567.63	-4.3	0.1h	0.6	-182.6	-9.7	N324	78	NV
W99	38	46.38	118	29.21	5457.0	979555.83	8.8	0.1h	0.6	-178.2	-5.1	G53	78	NV
W100	38	46.33	118	29.80	5471.0	979556.51	10.9	0.1h	0.6	-176.6	-3.5	G63	78	NV
W101	38	47.70	118	25.93	5076.0	979576.63	-8.2	0.2h	0.8	-182.0	-9.2	N324	78	NV
AP W102	38	48.23	118	25.12	4961.0	979588.73	-7.7	1.3h	1.9	-176.4	-3.9	N324	78	NV
W103	38	48.91	118	24.55	4823.0	979600.62	-9.7	1.0h	1.5	-174.1	-1.8	N325	78	NV
W104	38	49.38	118	23.77	4699.0	979607.93	-14.8	0.3h	0.9	-175.5	-3.5	N325	78	NV
W106	38	51.09	118	22.07	4351.0	979622.30	-35.6	0.0h	0.4	-185.0	-13.4	N326	78	NV
W107	38	51.83	118	22.39	4278.0	979627.76	-38.1	0.0h	0.4	-185.0	-13.8	N326	78	NV
W108	38	51.12	118	20.19	4177.0	979628.94	-45.4	0.0h	0.4	-188.8	-16.8	G63	78	NV
W109	38	50.54	118	16.96	4202.0	979629.36	-41.8	0.0h	0.4	-186.0	-13.1	G63	78	NV
W110	38	49.74	118	16.76	4292.0	979623.72	-37.8	0.0h	0.4	-185.0	-11.8	G75	78	NV
W111	38	48.87	118	16.76	4422.0	979615.88	-32.1	0.1h	0.6	-183.7	-10.0	X53	78	NV
W112	38	48.01	118	16.76	4590.0	979605.29	-25.7	0.1h	0.7	-182.9	-8.8	X53	78	NV
W113	38	47.32	118	16.52	4757.0	979594.60	-19.6	0.2h	0.8	-182.4	-8.1	G53	78	NV
W114	38	47.57	118	18.19	4585.0	979602.87	-27.9	0.1h	0.8	-184.9	-10.9	G64	78	NV
APW115Q	38	47.70	118	18.91	4489.0	979608.23	-31.7	0.1f	1.0	-185.2	-11.4	G64	78	NV
W116	38	48.26	118	18.37	4450.0	979610.29	-34.2	0.1h	0.7	-186.6	-12.9	G64	78	NV
W117	38	47.03	118	19.42	4656.0	979598.65	-24.6	0.2h	1.0	-183.8	-9.8	G63	78	NV

Table 13--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE ST NAME
W118	38	49.80	118	18.64	4274.0	979622.80	-40.5	0.0h	0.4	-187.1	-14.2	X53	78	NV
W119	38	50.10	118	20.53	4255.0	979625.80	-39.7	0.0h	0.5	-185.6	-13.2	X53	78	NV
W120	38	53.75	118	22.55	4127.0	979642.22	-40.7	0.0h	0.4	-182.3	-12.0	X53	78	NV
W121	38	52.94	118	24.46	4524.0	979627.08	-17.3	0.4h	0.5	-172.4	-2.2	N32	78	NV
W122	38	53.30	118	25.48	4699.0	979618.73	-9.8	0.3h	0.5	-170.9	-1.0	N32	78	NV
W123	38	53.72	118	26.59	4692.0	979622.80	-7.0	0.1h	0.2	-168.1	1.3	N32	78	NV
W124	38	53.79	118	27.46	4551.0	979623.33	-19.8	0.1h	0.3	-176.1	-6.7	N32	78	NV
W125	38	54.18	118	28.93	4422.0	979623.52	-32.3	0.0h	0.3	-184.1	-15.1	N32	78	NV
W126	38	54.48	118	29.61	4407.0	979622.73	-34.9	0.0h	0.3	-186.3	-17.5	G64	78	NV
W127	38	52.00	118	26.59	4894.0	979606.15	-2.1	0.4h	0.7	-169.7	0.6	X63	78	NV
W128	38	51.59	118	27.47	4873.0	979605.59	-4.0	0.4h	0.8	-170.9	-0.4	G63	78	NV
W129	38	55.43	118	22.22	4203.0	979638.88	-39.4	0.0h	0.3	-183.7	-14.2	N32	78	NV
W130	38	56.21	118	21.88	4227.0	979639.01	-38.1	0.0h	0.3	-183.3	-13.9	N32	78	NV
W131	38	57.06	118	21.66	4280.0	979639.09	-34.3	0.1h	0.4	-181.2	-12.2	N32	78	NV
W132	38	58.94	118	20.34	4500.0	979637.17	-18.3	0.1h	0.6	-172.5	-4.0	N32	78	NV
W133	38	59.66	118	19.85	4634.0	979635.52	-8.4	0.2h	0.8	-167.0	1.4	N32	78	NV
W134	38	57.27	118	20.65	4247.0	979639.18	-37.6	0.0h	0.4	-183.4	-14.2	N32	78	NV
W135	38	56.12	118	21.06	4161.0	979640.16	-43.1	0.0h	0.3	-186.0	-16.4	G54	78	NV
W136	38	55.80	118	20.20	4119.0	979640.45	-46.2	0.0h	0.3	-187.7	-17.8	X53	78	NV
W137	38	57.45	118	18.16	4140.0	979649.55	-37.6	0.0h	0.5	-179.6	-9.8	X53	78	NV
W138	38	58.05	118	18.51	4227.0	979647.41	-32.4	0.1h	0.6	-177.3	-7.9	G53	78	NV
W139	38	59.13	118	15.48	4455.0	979640.23	-19.8	0.3h	0.8	-172.2	-2.1	G64	78	NV
W140	38	55.36	118	16.29	4111.0	979636.88	-49.9	0.0h	0.2	-191.2	-20.1	G64	78	NV
W141	38	54.59	118	15.01	4132.0	979638.48	-45.2	0.0h	0.2	-187.2	-15.4	G53	78	NV
W145	38	56.06	118	10.90	4146.0	979652.69	-31.8	0.1h	0.6	-173.9	-1.1	N32	78	NV
W146	38	56.80	118	10.92	4167.0	979644.70	-38.9	0.0h	0.7	-181.6	-9.0	G53	78	NV
W148	38	57.80	118	13.48	4144.0	979645.69	-41.6	0.0h	0.6	-183.6	-12.3	G53	78	NV
W149	38	58.26	118	13.48	4195.0	979644.87	-38.3	0.1h	0.7	-182.0	-10.9	G53	78	NV
W150	38	59.14	118	13.40	4404.0	979636.90	-27.9	0.1h	0.7	-178.8	-7.9	G63	78	NV
W152	38	56.06	118	9.13	4388.0	979637.53	-24.3	0.6h	1.1	-174.1	-0.7	N32	78	NV
W156	38	55.43	118	7.22	4542.0	979615.70	-30.7	0.1h	0.4	-186.5	-12.2	X63	78	NV
W157	38	54.95	118	8.47	4410.0	979626.16	-31.9	0.0h	0.3	-183.3	-9.3	G63	78	NV
W158	38	53.34	118	8.95	4285.0	979625.62	-41.8	0.0h	0.2	-189.1	-14.8	G53	78	NV
W159	38	53.30	118	8.05	4336.0	979619.26	-43.3	0.0h	0.2	-192.3	-17.6	G53	78	NV
W160	38	52.82	118	7.20	4384.0	979613.24	-44.1	0.0h	0.3	-194.7	-19.6	G53	78	NV
W161	38	53.10	118	6.62	4474.0	979604.11	-45.2	0.1h	0.3	-198.9	-23.6	G53	78	NV
W162	38	53.53	118	6.35	4501.0	979601.13	-46.3	0.1h	0.3	-200.9	-25.6	G63	78	NV
W163	38	54.41	118	5.86	4651.0	979592.23	-42.4	0.1h	0.3	-202.1	-26.8	G53	78	NV
W164	38	55.22	118	6.49	4601.0	979604.63	-35.9	0.0h	0.3	-193.9	-19.1	G53	78	NV
W165	38	55.24	118	5.12	4862.0	979577.65	-38.4	0.2h	0.3	-205.3	-30.0	G63	78	NV
W166	38	54.61	118	4.21	5059.0	979559.07	-37.5	1.3h	1.5	-210.0	-34.1	G53	78	NV
W167	38	54.09	118	4.51	4983.0	979563.24	-39.7	1.1h	1.3	-209.8	-33.8	G53	78	NV
W168	38	53.35	118	4.86	4911.0	979566.44	-42.2	1.3h	1.5	-209.6	-33.6	G53	78	NV
W169Q	38	52.87	118	5.04	4903.0	979566.89	-41.8	1.3h	1.5	-208.9	-33.0	G75	78	NV
W170	38	54.16	118	2.88	4884.0	979568.73	-43.6	0.1h	0.2	-211.4	-34.6	G63	78	NV
W171	38	53.84	118	1.95	4774.0	979574.74	-47.5	0.1h	0.3	-211.4	-34.1	G63	78	NV
W173	38	59.59	118	4.89	5227.0	979571.73	-16.4	0.1h	0.5	-195.5	-21.0	G53	78	NV
W174	38	59.53	118	4.21	5181.0	979567.77	-24.6	0.1h	0.4	-202.3	-27.4	G63	78	NV
W175	38	59.60	118	3.41	5146.0	979566.72	-29.0	0.1h	0.3	-205.6	-30.3	G53	78	NV
W180	38	55.99	118	1.83	5043.0	979563.73	-36.4	0.1h	0.3	-209.5	-32.7	N32	78	NV
W181	38	55.61	118	0.89	4890.0	979574.06	-39.9	0.1h	0.3	-207.8	-30.3	N32	78	NV
W183	38	50.64	118	14.55	4213.0	979640.44	-29.8	0.0h	0.3	-174.5	-1.0	X53	78	NV
W184	38	51.08	118	14.55	4206.0	979645.59	-26.0	0.0h	0.3	-170.4	2.9	X53	78	NV
W185	38	49.99	118	14.54	4236.0	979634.30	-32.8	0.1h	0.5	-178.1	-4.4	G53	78	NV
W188	38	49.67	118	13.31	4257.0	979630.26	-34.4	0.0h	0.5	-180.4	-6.3	G64	78	NV
W189	38	49.66	118	12.20	4285.0	979627.19	-34.8	0.0h	0.4	-181.9	-7.5	G53	78	NV
W190	38	49.67	118	10.96	4303.0	979624.38	-36.0	0.0h	0.3	-183.7	-8.9	G53	78	NV
W191	38	48.83	118	12.23	4304.0	979621.66	-37.4	0.1h	0.6	-184.9	-10.0	G53	78	NV
W192	38	48.82	118	11.72	4318.0	979620.28	-37.4	0.1h	0.6	-185.4	-10.5	G53	78	NV
W193	38	48.82	118	10.57	4346.0	979617.10	-38.0	0.1h	0.4	-187.1	-11.8	G53	78	NV

Table 13--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
W194	38	48.12	118	11.77	4332.0	979617.43	-37.9	0.2h	0.9	-186.1	-10.9	G53	78		NV
W195	38	48.59	118	12.89	4289.0	979622.91	-37.2	0.4h	1.1	-183.7	-8.9	G53	78		NV
W196	38	47.51	118	10.24	4405.0	979608.84	-38.8	0.1h	0.6	-189.7	-13.7	G63	78		NV
W197	38	47.39	118	9.24	4425.0	979607.32	-38.2	0.0h	0.5	-189.9	-13.7	G63	78		NV
W198	38	45.21	118	10.30	4745.0	979586.98	-25.3	0.2h	1.2	-187.3	-10.5	G63	78		NV
W199	38	46.20	118	9.07	4537.0	979605.03	-28.2	0.1h	0.7	-183.6	-6.9	G63	78		NV
W200	38	46.07	118	5.56	4596.0	979598.43	-29.1	0.1h	0.5	-186.6	-8.8	G53	78		NV
W201	38	45.55	118	4.62	4690.0	979589.82	-28.1	0.2h	0.6	-188.8	-10.4	G53	78		NV
W202	38	45.85	118	4.37	4644.0	979593.23	-29.5	0.2h	0.6	-188.6	-10.2	G53	78		NV
W203	38	45.17	118	3.88	4710.0	979580.51	-35.0	0.2h	0.6	-196.4	-17.5	G53	78		NV
W205	38	44.65	118	2.39	4806.0	979575.53	-30.2	0.1h	0.5	-195.0	-15.5	N325	78		NV
W206	38	45.32	118	1.76	4851.0	979575.44	-27.0	0.2h	0.5	-193.4	-13.8	N324	78		NV
W207	38	46.08	118	1.00	4926.0	979573.32	-23.2	0.2h	0.5	-192.1	-12.5	N326	78		NV
W208	38	46.88	118	0.15	4942.0	979570.25	-25.9	0.2h	0.5	-195.4	-15.7	N325	78		NV
W211	38	46.47	118	6.36	4552.0	979602.21	-30.0	0.1h	0.5	-186.1	-8.6	C63	78		NV
W212	38	46.53	118	7.21	4508.0	979604.80	-31.7	0.1h	0.5	-186.2	-9.0	C63	78		NV
W213	38	46.65	118	7.99	4470.0	979605.94	-34.3	0.0h	0.6	-187.5	-10.6	G53	78		NV
W214	38	43.47	118	0.93	4998.0	979571.58	-14.3	0.1h	0.5	-185.7	-5.4	G53	78		NV
W215	38	43.32	118	0.34	5086.0	979566.98	-10.4	0.2h	0.4	-184.9	-4.4	G53	78		NV
W219	38	43.29	118	3.26	4880.0	979566.12	-30.6	0.1h	0.6	-197.9	-18.3	N325	78		NV
W220	38	42.59	118	3.70	5008.0	979556.56	-27.1	0.1h	0.6	-198.8	-19.2	N324	78		NV
W221	38	41.81	118	4.17	5146.0	979544.06	-25.5	0.1h	0.6	-201.8	-22.1	N324	78		NV
W222	38	41.01	118	4.70	5321.0	979531.78	-20.2	0.1h	0.8	-202.3	-22.5	N32	78		NV
W223	38	41.68	118	5.34	5195.0	979544.07	-20.7	0.1h	0.9	-198.4	-19.1	G53	78		NV
W224	38	40.97	118	5.26	5364.0	979533.37	-14.5	0.2h	1.0	-197.9	-18.3	G53	78		NV
W225	38	40.17	118	5.18	5512.0	979524.81	-7.9	0.3h	1.2	-196.2	-16.5	N32	78		NV
W226	38	39.36	118	5.60	5632.0	979517.13	-3.1	0.5h	1.5	-195.2	-15.3	N324	78		NV
W227	38	38.43	118	5.59	5833.0	979503.66	3.7	0.4h	1.3	-195.5	-15.3	N325	78		NV
W228	38	37.59	118	5.25	6132.0	979484.94	14.3	0.3h	1.2	-195.2	-14.8	G644	78		NV
W230	38	35.38	118	4.29	6405.0	979462.92	21.2	0.5h	1.7	-197.1	-16.0	G63	78		NV
W231	38	34.08	118	3.06	6858.0	979435.53	38.2	1.2h	2.9	-194.3	-12.8	G63	78		NV
W232	38	33.21	118	2.02	7286.0	979409.50	53.7	1.3h	4.1	-192.3	-10.5	G63	78		NV
W233	38	33.73	118	1.52	7671.0	979379.37	59.0	1.5h	6.0	-198.2	-16.5	G63	78		NV
W234	38	32.58	118	0.61	6886.0	979438.23	45.8	1.2h	2.8	-187.8	-5.5	G63	78		NV
W235	38	32.87	118	0.31	6811.0	979444.24	44.3	1.2h	2.8	-186.7	-4.4	G63	78		NV
W236	38	35.96	118	6.28	6249.0	979485.26	28.0	0.4h	1.5	-185.2	-4.5	N324	78		NV
W237	38	34.92	118	4.50	6576.0	979458.88	33.8	0.6h	2.0	-189.9	-8.8	G63	78		NV
W238	38	34.05	118	4.36	7017.0	979431.34	49.0	0.6h	3.1	-188.7	-7.5	G63	78		NV
W239	38	33.00	118	3.46	6736.0	979447.72	40.6	0.7h	2.4	-188.3	-6.6	G63	78		NV
W240	38	32.26	118	3.54	6638.0	979449.93	34.6	0.6h	2.4	-190.9	-9.0	G63	78		NV
W241	38	31.60	118	3.70	6628.0	979452.83	37.6	0.6h	2.6	-187.4	-5.4	X63	78		NV
W242	38	31.84	118	4.18	6617.0	979451.00	34.3	0.6h	2.7	-190.2	-8.3	G63	78		NV
W243	38	31.67	118	2.43	7078.0	979423.08	50.0	1.7h	4.1	-188.9	-6.9	G63	78		NV
W244	38	30.52	118	3.16	6460.0	979462.87	33.4	0.8h	2.5	-185.9	-3.5	G63	78		NV
W245	38	30.09	118	2.68	6313.0	979471.42	28.8	0.8h	2.3	-185.7	-3.1	G63	78		NV
W246	38	35.50	118	11.10	5315.0	979539.75	-4.6	0.6h	2.0	-185.4	-5.0	N325	78		NV
W247	38	34.58	118	11.06	5043.0	979554.76	-13.8	0.4h	1.7	-185.5	-4.8	G73	78		NV
W248	38	34.99	118	12.14	5102.0	979555.24	-8.4	0.6h	1.8	-182.1	-1.6	G63	78		NV
W249	38	35.06	118	13.19	5132.0	979548.31	-12.6	0.6h	1.7	-187.4	-7.0	G63	78		NV
W250	38	35.20	118	14.70	5114.0	979548.64	-14.2	0.6h	1.8	-188.3	-8.1	G63	78		NV
W251	38	35.96	118	10.77	5500.0	979532.27	4.6	0.8h	2.1	-182.4	-2.1	C75	78		NV
W252	38	36.59	118	10.05	5854.0	979516.07	20.7	1.1h	2.4	-178.0	1.9	G63	78		NV
W253	38	36.65	118	8.47	6525.0	979470.36	38.0	0.9h	2.5	-183.5	-3.6	G63	78		NV
W254	38	37.06	118	8.15	6383.0	979477.73	31.4	0.8h	2.1	-185.7	-5.9	G63	78		NV
W255	38	36.09	118	11.48	5432.0	979538.01	3.8	1.1h	2.5	-180.4	-0.4	N324	78		NV
W256	38	36.74	118	12.15	5712.0	979521.24	12.3	1.5h	2.9	-181.0	-1.4	N326	78		NV
W257	38	37.29	118	12.81	5968.0	979506.34	20.7	1.3h	2.8	-181.6	-2.4	N327	78		NV
W260	38	39.92	118	14.85	6640.0	979463.95	37.6	0.8h	2.3	-188.0	-10.4	N326	78		NV
W261	38	56.54	118	12.21	4116.0	979638.90	-49.2	0.0h	0.5	-190.4	-18.2	G53	78		NV

Table 13--(continued)

List of discarded stations:

3912	3934	3937	3952	3973	3997	4017	4035	4038	4039	4050	4159	4188
4193	4212	4255	4270	4271	4300	4313	4340	4341	4346	4347	4357	4358
4362	4363	4364	4365	4366	4368	4369	4370	4371	4372	4373	4374	4387
4388	4389	4390	4391	4392	4393	4394	4395	4396	4397	4400	4403	4405
4528	4608	4611	4613	4616	4620	4622	4627	4685	4701	4702	4721	4737
4750	4756	4762	W5	W40	W50	W72	W80	W97	W105	W142	W143	W144
W147	W151	W153	W154	W155	W172	W176	W177	W178	W179	W182	W186	W187
W204	W209	W210	W216	W217	W218	W229	W258	W259				

See tables 7 and 12 for other stations listed by Healey and others (1980).

Table 14--Data from J. L. Blum, University of California at Davis.

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
M P JJ01	38	56.81	119	57.55	6243.6	979502.50	14.0	0.0F	3.1	-197.3	-28.8	A645	77to79	CH98	CA
M P JJ02	38	56.64	119	57.35	6251.8	979501.60	14.1	0.1F	3.5	-197.0	-28.4	A645	77to79	CH98	CA
M P JJ03	38	57.03	119	56.98	6245.2	979504.00	15.4	0.2F	3.8	-195.4	-26.7	A645	77to79	CH98	CA
M P JJ04	38	57.40	119	56.75	6248.5	979505.10	16.2	0.2F	3.7	-194.8	-26.0	A645	77to79	CH98	CA
M P JJ05	38	57.67	119	56.77	6240.3	979506.10	16.0	0.1F	3.3	-195.0	-26.3	A645	77to79	CH98	CA
M P JJ06	38	58.12	119	55.75	6400.0	979497.70	22.0	0.5F	4.0	-193.8	-24.9	A645	77to79	CH98	NV
M P JJ07	38	57.11	119	56.51	6319.1	979500.80	19.0	1.1F	4.9	-193.1	-24.3	A645	77to79	CH98	CA
M P JJ08	38	56.29	119	57.19	6276.4	979501.00	16.4	0.6F	4.4	-194.8	-26.1	A645	77to79	CH98	CA
M P JJ09	38	56.23	119	57.60	6259.5	979500.80	14.7	0.1F	3.5	-196.9	-28.3	A645	77to79	CH98	CA
M P JJ10	38	55.92	119	57.48	6280.0	979499.40	15.6	0.4F	4.0	-196.1	-27.4	A645	77to79	CH98	CA
M P JJ11	38	55.52	119	57.12	6320.0	979493.50	14.1	2.0F	6.1	-196.8	-28.0	A645	77to79	CH98	CA
M P JJ12	38	55.49	119	57.75	6280.0	979498.40	15.3	0.2F	3.7	-196.7	-28.1	A645	77to79	CH98	CA
M P JJ13	38	56.08	119	58.58	6264.0	979499.00	13.5	0.0F	2.6	-199.0	-30.9	A645	77to79	CH98	CA
M P JJ14	38	55.23	119	58.64	6287.9	979498.30	16.3	0.0F	2.8	-196.8	-28.6	A645	77to79	CH98	CA
M P JJ15	38	55.26	119	58.19	6252.0	979500.70	15.3	0.1F	3.2	-196.2	-27.8	A645	77to79	CH98	CA
M P JJ16	38	54.27	119	57.64	6400.0	979490.00	20.0	0.4F	4.3	-195.5	-26.7	A645	77to79	CH98	CA
M P JJ17	38	53.94	119	58.14	6280.0	979497.70	16.9	0.3F	4.1	-194.7	-26.0	A645	77to79	CH98	CA
M P JJ18	38	53.41	119	58.80	6360.0	979492.10	19.6	0.1F	3.5	-195.4	-27.0	A645	77to79	CH98	CA
M P JJ19	38	53.66	119	59.02	6440.0	979486.80	21.4	0.3F	3.2	-196.5	-28.4	A645	77to79	CH98	CA
M P JJ20	38	53.52	119	59.22	6320.0	979495.90	19.5	0.3F	3.4	-194.2	-26.1	A645	77to79	CH98	CA
M P JJ22	38	54.98	119	59.88	6260.0	979501.00	16.8	0.0F	2.5	-195.8	-28.2	A645	77to79	CH98	CA
M P JJ23	38	55.36	119	59.37	6245.0	979499.60	13.4	0.1F	2.6	-198.5	-30.8	A645	77to79	CH98	CA
M P JJ24	38	55.82	119	59.39	6235.0	979499.60	11.8	0.0F	2.4	-200.0	-32.3	A645	77to79	CH98	CA
M P JJ25	38	56.27	119	59.38	6242.0	979499.70	11.9	0.0F	2.3	-200.2	-32.5	A645	77to79	CH98	CA
M P J26	38	56.13	119	59.07	6266.6	979498.70	13.4	0.2F	2.6	-199.3	-31.5	A645	77to79	CH98	CA
M P J27	38	56.39	119	58.92	6268.2	979499.60	14.0	0.0F	2.4	-198.9	-30.9	A645	77to79	CH98	CA
M P J28	38	56.64	119	58.83	6261.6	979501.00	14.5	0.0F	2.4	-198.2	-30.3	A645	77to79	CH98	CA
M P J29	38	56.62	119	58.23	6246.9	979500.20	12.3	0.0F	2.7	-199.6	-31.3	A645	77to79	CH98	CA
M P J30	38	56.34	119	58.01	6250.0	979500.50	13.3	0.0F	2.9	-198.4	-30.0	A645	77to79	CH98	CA
M P J31	38	56.28	119	58.34	6263.1	979499.30	13.4	0.0F	2.7	-199.0	-30.8	A645	77to79	CH98	CA
M P J32	38	56.94	119	57.68	6232.1	979502.70	13.0	0.0F	3.0	-198.2	-29.7	A645	77to79	CH98	CA
M P J33	38	57.34	119	57.12	6239.8	979504.60	15.0	0.0F	3.2	-196.1	-27.5	A645	77to79	CH98	CA
M P J34	38	56.18	119	56.07	6887.4	979450.80	23.8	8.3F	12.5	-200.1	-31.2	A645	77to79	CH98	CA
M P J36	38	55.21	119	57.45	6315.0	979495.80	16.4	1.1F	4.9	-195.6	-26.8	A645	77to79	CH98	CA
M P J37	38	55.73	119	58.92	6261.6	979498.90	13.7	0.0F	2.6	-198.8	-30.8	A645	77to79	CH98	CA
M P J38	38	55.32	119	59.02	6288.3	979497.70	15.6	0.0F	2.6	-197.7	-29.8	A645	77to79	CH98	CA
M P J39	38	54.78	119	59.04	6296.1	979497.10	16.5	0.0F	2.8	-196.9	-28.9	A645	77to79	CH98	CA
M P J40	38	54.63	119	58.53	6292.9	979497.90	17.3	0.0F	3.1	-195.8	-27.4	A645	77to79	CH98	CA
M P J41	38	54.31	119	58.62	6311.4	979496.70	18.3	0.0F	3.1	-195.4	-27.1	A645	77to79	CH98	CA
M P J42	38	53.98	119	59.05	6302.1	979497.20	18.4	0.1F	3.1	-195.0	-26.8	A645	77to79	CH98	CA
M P J43	38	54.23	119	59.18	6316.7	979497.10	19.3	0.1F	3.0	-194.7	-26.7	A645	77to79	CH98	CA
M P J44	38	54.99	119	57.93	6284.0	979497.60	15.6	0.1F	3.6	-196.6	-28.0	A645	77to79	CH98	CA
M P J45	38	53.64	119	56.88	6632.0	979471.10	23.8	1.9F	6.7	-197.3	-28.1	A645	77to79	CH98	CA
M P J46	38	53.93	119	57.41	6522.0	979480.70	22.6	0.4F	4.6	-196.8	-27.8	A645	77to79	CH98	CA
M P J47	38	53.66	119	58.44	6318.1	979495.40	18.6	0.1F	3.7	-194.8	-26.2	A645	77to79	CH98	CA
M P J48	38	52.98	119	58.72	6285.0	979496.90	18.0	0.3F	4.2	-193.8	-25.3	A645	77to79	CH98	CA
M P J63	38	54.77	119	59.61	6266.6	979501.10	17.8	0.1F	2.7	-194.7	-27.0	A645	77to79	CH98	CA
M P J64	38	55.60	119	58.53	6248.5	979500.20	14.0	0.0F	2.8	-197.8	-29.6	A645	77to79	CH98	CA
M P J65	38	54.62	119	57.18	6546.6	979480.70	23.9	0.9F	4.9	-196.0	-27.1	A645	77to79	CH98	CA
M P J66	38	54.65	119	58.07	6282.0	979498.70	17.0	0.1F	3.6	-195.2	-26.6	A645	77to79	CH98	CA
M P J67	38	53.13	119	59.09	6481.8	979485.10	24.4	0.4F	3.5	-194.6	-26.5	A645	77to79	CH98	CA
M P J73	38	55.51	119	59.79	6230.1	979501.10	13.3	0.0F	2.4	-198.3	-30.8	A645	77to79	CH98	CA
M P J74	38	53.68	119	59.91	6360.0	979497.00	24.1	0.4F	3.1	-191.3	-23.7	A645	77to79	CH98	CA
M P J76	38	55.71	119	58.06	6278.0	979497.80	14.2	0.0F	3.1	-198.3	-29.9	A645	77to79	CH98	CA
M P J77	38	56.90	119	56.65	6327.7	979498.50	17.8	1.0F	4.8	-194.7	-25.9	A645	77to79	CH98	CA
M P J92	38	51.10	119	59.66	6660.0	979477.30	36.4	1.1F	4.9	-187.4	-19.6	A645	77to79	CH98	CA
M P J93	38	51.68	119	59.95	6412.9	979490.80	25.8	0.2F	3.8	-190.6	-22.9	A645	77to79	CH98	CA
M P J94	38	51.84	119	59.28	6360.0	979492.90	22.7	0.4F	4.6	-191.2	-22.9	A645	77to79	CH98	CA
M P J95	38	51.83	119	57.54	6967.0	979451.30	38.1	2.1F	6.7	-194.3	-25.3	A645	77to79	CH98	CA
M P J96	38	52.33	119	58.49	6420.0	979486.90	21.6	0.8F	5.2	-193.7	-25.1	A645	77to79	CH98	CA

Table 14--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
M P J97	38	52.22	119	59.01	6395.0	979490.10	22.6	0.3F	4.3	-192.7	-24.4	A645	77to79	CH98	CA
M P J98	38	52.23	119	59.61	6440.0	979489.60	26.3	0.0F	3.5	-191.4	-23.5	A645	77to79	CH98	CA
M P J100	38	53.15	119	59.73	6255.0	979501.90	19.9	0.3F	3.4	-191.6	-23.7	A645	77to79	CH98	CA

Table 15--Data from D. K. Maurer, U.S. Geological Survey.

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
M PCV 13	38	59.78	119	47.23	4687.0	979584.98	-54.2	0.0F	2.1	-213.3	-42.2	C555	79	AMIND	NV
M PCV 15	38	59.81	119	48.70	4670.0	979588.46	-52.3	0.0F	3.3	-209.7	-38.8	C555	79	AMIND	NV
M PCV 19	38	57.85	119	50.28	4725.0	979584.50	-48.2	2.2F	8.0	-202.7	-31.4	C555	79	AMIND	NV
M PCV 21	38	56.93	119	50.43	4759.0	979578.56	-49.6	2.6F	9.1	-204.2	-32.7	C555	79	AMIND	NV
M PCV 23	38	55.05	119	49.98	4794.0	979570.50	-51.6	0.4F	7.2	-209.3	-37.1	C555	79	AMIND	NV
M PCV 26	38	58.26	119	49.83	4676.0	979584.26	-53.7	1.0F	6.0	-208.5	-37.3	C555	79	AMIND	NV
M PCV 27	38	57.36	119	46.70	4705.0	979579.30	-54.6	0.0F	2.1	-214.4	-42.4	C555	79	AMIND	NV
M PCV 30	38	54.86	119	46.70	4718.0	979576.83	-52.2	0.0F	2.6	-211.9	-38.9	C555	79	AMIND	NV
M PCV 55	38	59.78	119	50.43	4727.0	979592.61	-42.8	4.5F	10.7	-194.7	-24.0	C555	79	AMIND	NV
M PCV 57	38	59.13	119	49.93	4685.0	979590.21	-48.2	3.1F	8.3	-201.1	-30.1	C555	79	AMIND	NV
M PCV 58	38	56.48	119	50.62	4762.0	979572.26	-55.0	3.3F	10.6	-208.2	-36.6	C555	79	AMIND	NV
M PCV 59	38	55.50	119	50.25	4794.0	979573.29	-49.5	0.7F	7.7	-206.7	-34.7	C555	79	AMIND	NV
M PCV 60	38	55.50	119	50.72	4921.0	979563.33	-47.5	2.4F	10.4	-206.4	-34.6	C555	79	AMIND	NV
M PCV 62	38	54.10	119	49.53	4825.0	979567.44	-50.4	0.6F	7.6	-208.7	-36.1	C555	79	AMIND	NV
M PCV 63	38	53.87	119	49.30	4805.0	979568.34	-51.0	0.5F	7.4	-208.9	-36.1	C555	79	AMIND	NV
M PCV 64	38	53.55	119	49.10	4800.0	979567.92	-51.4	0.6F	7.5	-209.0	-36.1	C555	79	AMIND	NV
M PCV 66	38	52.75	119	49.00	4775.0	979563.97	-56.6	2.4F	10.7	-210.1	-36.8	C555	79	AMIND	NV
M PCV 67	38	52.92	119	48.43	4724.0	979569.23	-56.3	0.3F	6.7	-212.1	-38.8	C555	79	AMIND	NV
M PCV 68	38	53.02	119	48.07	4732.0	979570.57	-54.4	0.0F	5.3	-211.8	-38.4	C555	79	AMIND	NV
M PCV 70	38	52.03	119	48.06	4837.0	979565.52	-48.1	0.3F	6.5	-208.0	-34.3	C555	79	AMIND	NV
M PCV 73	38	52.02	119	47.05	4776.0	979572.38	-47.0	0.0F	4.3	-207.0	-33.0	C555	79	AMIND	NV
M PCV 75	38	52.45	119	46.63	4766.0	979574.13	-46.8	0.0F	3.5	-207.3	-33.4	C555	79	AMIND	NV
M PCV 76	38	52.90	119	46.68	4750.0	979574.08	-49.0	0.0F	3.3	-209.1	-35.4	C555	79	AMIND	NV
M PCV 77	38	53.33	119	46.70	4745.0	979573.69	-50.5	0.0F	3.1	-210.6	-37.0	C555	79	AMIND	NV
M PCV 78	38	53.72	119	46.70	4736.0	979574.18	-51.4	0.0F	3.0	-211.4	-37.9	C555	79	AMIND	NV
M PCV 79	38	54.62	119	47.23	4718.0	979574.88	-53.8	0.0F	3.0	-213.0	-40.0	C555	79	AMIND	NV
M PCV 80	38	54.62	119	48.12	4709.0	979575.90	-53.6	0.0F	3.9	-211.6	-38.8	C555	79	AMIND	NV
M PCV 81	38	54.62	119	49.48	4734.0	979574.29	-52.8	0.2F	6.6	-209.1	-36.7	C555	79	AMIND	NV
M PCV 82	38	55.85	119	49.75	4720.0	979579.25	-51.0	0.1F	5.7	-207.6	-35.6	C555	79	AMIND	NV
M PCV 83	38	55.95	119	49.33	4699.0	979580.53	-51.9	0.0F	4.8	-208.7	-36.7	C555	79	AMIND	NV
M PCV 84	38	55.93	119	48.72	4699.0	979579.21	-53.2	0.0F	3.9	-210.9	-38.7	C555	79	AMIND	NV
M PCV 86	38	55.77	119	48.13	4705.0	979578.16	-53.4	0.0F	3.3	-211.9	-39.6	C555	79	AMIND	NV
M PCV 87	38	55.93	119	47.55	4706.0	979577.54	-54.2	0.0F	2.8	-213.2	-40.9	C555	79	AMIND	NV
M PCV 88	38	55.93	119	47.05	4714.0	979577.60	-53.3	0.0F	2.5	-213.0	-40.6	C555	79	AMIND	NV
M PCV 89	38	55.95	119	46.17	4728.0	979581.03	-48.6	0.0F	2.1	-209.2	-36.6	C555	79	AMIND	NV
M PCV 90	38	55.50	119	46.17	4736.0	979580.31	-47.9	0.0F	2.2	-208.7	-35.9	C555	79	AMIND	NV
M PCV 91	38	55.07	119	46.15	4733.0	979579.47	-48.4	0.0F	2.3	-209.0	-36.1	C555	79	AMIND	NV
M PCV 92	38	55.50	119	45.67	4792.0	979583.49	-39.5	0.0F	1.9	-202.4	-29.6	C555	79	AMIND	NV
M PCV 93	38	55.52	119	45.17	4745.0	979585.49	-41.9	0.0F	1.8	-203.3	-30.5	C555	79	AMIND	NV
M PCV 95	38	55.08	119	44.75	4772.0	979587.54	-36.7	0.1F	1.9	-198.9	-25.9	C555	79	AMIND	NV
M PCV 96	38	54.63	119	45.58	4756.0	979582.19	-42.9	0.0F	2.1	-204.4	-31.2	C555	79	AMIND	NV
M PCV 97	38	54.63	119	46.12	4730.0	979579.18	-48.3	0.0F	2.3	-208.7	-35.6	C555	79	AMIND	NV
M PCV 98	38	55.23	119	46.73	4721.0	979577.35	-51.9	0.0F	2.5	-211.8	-39.1	C555	79	AMIND	NV
M PCV 99	38	56.37	119	46.75	4713.0	979578.58	-53.1	0.0F	2.2	-213.0	-40.6	C555	79	AMIND	NV
M PCV100	38	56.78	119	46.75	4716.0	979578.62	-53.4	0.0F	2.2	-213.5	-41.2	C555	79	AMIND	NV
M PCV102	38	58.55	119	46.77	4685.0	979580.58	-56.9	0.0F	2.0	-216.1	-44.5	C555	79	AMIND	NV
M PCV104	38	58.23	119	47.32	4690.0	979578.50	-58.1	0.0F	2.3	-217.1	-45.6	C555	79	AMIND	NV
M PCV105	38	58.27	119	48.50	4681.0	979578.63	-58.9	0.0F	3.1	-216.8	-45.4	C555	79	AMIND	NV
M PCV106	38	58.27	119	49.52	4676.0	979582.66	-55.3	0.2F	4.6	-211.5	-40.3	C555	79	AMIND	NV
M PCV107	38	58.27	119	50.30	4697.0	979587.14	-48.8	2.9F	8.8	-201.6	-30.5	C555	79	AMIND	NV
M PCV136	38	59.53	119	45.63	4701.0	979588.77	-48.7	0.0F	1.6	-208.8	-37.5	C555	79	AMIND	NV
M PCV145	38	57.73	119	46.73	4701.0	979579.66	-55.2	0.0F	2.0	-214.8	-43.0	C555	79	AMIND	NV
M PCV146	38	59.52	119	46.70	4688.0	979583.20	-55.5	0.0F	1.9	-214.8	-43.6	C555	79	AMIND	NV
M PCV162	38	59.67	119	41.98	4879.0	979590.91	-30.0	0.0F	1.2	-196.6	-25.3	C555	79	AMIND	NV
M PCV163	38	59.75	119	42.50	4837.0	979592.64	-32.4	0.0F	1.2	-197.5	-26.1	C555	79	AMIND	NV
M PCV164	38	59.79	119	43.13	4795.0	979595.45	-33.6	0.0F	1.3	-197.2	-25.8	C555	79	AMIND	NV
M PCV174	38	59.65	119	44.48	4723.0	979592.66	-42.9	0.0F	1.4	-204.0	-32.6	C555	79	AMIND	NV
M PCV183	38	57.72	119	47.22	4694.0	979577.86	-57.6	0.0F	2.3	-216.8	-45.0	C555	79	AMIND	NV
M PCV184	38	57.28	119	46.07	4717.0	979582.93	-49.7	0.0F	1.9	-210.1	-38.0	C555	79	AMIND	NV
M PCV185	38	57.70	119	45.92	4713.0	979583.95	-49.7	0.0F	1.8	-210.0	-38.1	C555	79	AMIND	NV

Table 15--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
M PCV187	38	56.55	119	45.07	4743.0	979587.62	-41.5	0.0F	1.7	-203.0	-30.5	C555	79	AMIND	NV
M PCV188	38	56.38	119	44.48	4755.0	979588.76	-39.0	0.1F	1.7	-200.9	-28.3	C555	79	AMIND	NV
M PCV190	38	56.38	119	43.37	4795.0	979586.73	-37.3	0.0F	1.5	-200.7	-28.0	C555	79	AMIND	NV
M PCV191	38	56.38	119	42.90	4826.0	979585.37	-35.7	0.1F	1.4	-200.3	-27.5	C555	79	AMIND	NV
M PCV192	38	56.96	119	42.48	4857.0	979584.95	-34.1	0.0F	1.3	-199.8	-27.3	C555	79	AMIND	NV
M PCV193	38	56.68	119	42.23	4874.0	979583.96	-33.1	0.1F	1.4	-199.3	-26.7	C555	79	AMIND	NV
M PCV194	38	56.37	119	41.95	4896.0	979582.95	-31.5	0.0F	1.3	-198.6	-25.8	C555	79	AMIND	NV
M PCV195	38	56.80	119	41.95	4883.0	979584.71	-31.6	0.1F	1.3	-198.2	-25.7	C555	79	AMIND	NV
M PCV196	38	57.23	119	41.95	4905.0	979582.77	-32.1	0.0F	1.2	-199.6	-27.2	C555	79	AMIND	NV
M PCV197	38	57.65	119	42.03	4889.0	979582.63	-34.4	0.0F	1.2	-201.3	-29.1	C555	79	AMIND	NV
M PCV198	38	57.57	119	41.43	4933.0	979581.00	-31.8	0.1F	1.3	-200.1	-27.8	C555	79	AMIND	NV
M PCV199	38	58.02	119	41.67	4897.0	979581.73	-35.1	0.0F	1.2	-202.3	-30.2	C555	79	AMIND	NV
M PCV200	38	58.43	119	41.67	4898.0	979581.80	-35.5	0.0F	1.2	-202.8	-30.9	C555	79	AMIND	NV
M PCV201	38	58.47	119	42.22	4864.0	979582.92	-37.7	0.0F	1.2	-203.7	-31.9	C555	79	AMIND	NV
M PCV202	38	58.07	119	42.23	4863.0	979582.68	-37.4	0.0F	1.2	-203.4	-31.4	C555	79	AMIND	NV
M PCV203	38	58.93	119	42.23	4858.0	979585.28	-36.6	0.0F	1.2	-202.4	-30.8	C555	79	AMIND	NV
M PCV204	38	59.30	119	42.23	4855.0	979588.85	-33.8	0.0F	1.2	-199.6	-28.0	C555	79	AMIND	NV
M PCV205	38	55.95	119	44.52	4765.0	979587.36	-38.8	0.0F	1.7	-201.1	-28.3	C555	79	AMIND	NV
M PCV206	38	55.95	119	44.92	4755.0	979586.70	-40.4	0.0F	1.8	-202.2	-29.5	C555	79	AMIND	NV
M PCV207	38	55.95	119	43.92	4775.0	979587.04	-38.2	0.0F	1.6	-200.8	-28.0	C555	79	AMIND	NV
M PCV209	38	55.08	119	43.07	4816.0	979582.86	-37.3	0.0F	1.5	-201.4	-28.1	C555	79	AMIND	NV
M PCV210	38	54.63	119	43.38	4852.0	979581.95	-34.1	0.0F	1.6	-199.4	-26.0	C555	79	AMIND	NV
M PCV211	38	54.65	119	43.90	4842.0	979583.19	-33.8	0.0F	1.7	-198.7	-25.3	C555	79	AMIND	NV
M PCV212	38	54.63	119	44.47	4809.0	979585.59	-34.5	0.0F	1.8	-198.1	-24.8	C555	79	AMIND	NV
M PCV214	38	53.77	119	44.47	4845.0	979583.05	-32.4	0.0F	1.9	-197.1	-23.4	C555	79	AMIND	NV
M PCV215	38	54.23	119	45.12	4797.0	979582.49	-38.2	0.0F	2.0	-201.1	-27.7	C555	79	AMIND	NV
M PCV216	38	54.25	119	43.85	4864.0	979582.76	-31.6	0.0F	1.7	-197.2	-23.7	C555	79	AMIND	NV
M PCV218	38	53.67	119	43.37	4880.0	979581.17	-30.8	0.0F	1.7	-197.0	-23.1	C555	79	AMIND	NV
M PCV219	38	53.80	119	43.87	4877.0	979582.53	-30.0	0.0F	1.7	-196.0	-22.2	C555	79	AMIND	NV
M PCV220	38	53.77	119	42.82	4893.0	979580.37	-30.6	0.0F	1.6	-197.2	-23.3	C555	79	AMIND	NV
M PCV221	38	54.28	119	42.83	4837.0	979583.64	-33.3	0.0F	1.6	-198.0	-24.4	C555	79	AMIND	NV
M PCV222	38	53.78	119	45.07	4804.0	979581.69	-37.6	0.0F	2.1	-200.8	-27.2	C555	79	AMIND	NV
M PCV223	38	53.78	119	45.82	4766.0	979578.87	-44.0	0.0F	2.4	-205.5	-32.0	C555	79	AMIND	NV
M PCV224	38	53.35	119	44.45	4852.0	979581.66	-32.5	0.0F	2.0	-197.4	-23.6	C555	79	AMIND	NV
M PCV225	38	52.88	119	44.45	4854.0	979581.45	-31.8	0.1F	2.1	-196.7	-22.6	C555	79	AMIND	NV
M PCV226	38	52.43	119	44.43	4868.0	979580.45	-30.9	0.0F	2.1	-196.1	-21.9	C555	79	AMIND	NV
M PCV227	38	52.88	119	43.32	4918.0	979580.04	-27.2	0.1F	1.9	-194.5	-20.3	C555	79	AMIND	NV
M PCV228	38	52.98	119	42.80	4949.0	979580.26	-24.3	0.2F	1.8	-192.6	-18.4	C555	79	AMIND	NV
M PCV229	38	53.08	119	42.12	4966.0	979577.27	-25.8	0.2F	1.8	-194.8	-20.5	C555	79	AMIND	NV
M PCV230	38	52.95	119	43.85	4890.0	979581.92	-28.1	0.0F	1.9	-194.4	-20.3	C555	79	AMIND	NV
M PCV231	38	53.35	119	43.37	4895.0	979580.45	-29.7	0.1F	1.8	-196.3	-22.3	C555	79	AMIND	NV
M PCV232	38	53.32	119	43.87	4882.0	979581.59	-29.7	0.0F	1.8	-195.8	-21.8	C555	79	AMIND	NV
M PCV233	38	53.37	119	42.58	4926.0	979579.26	-28.0	0.0F	1.7	-195.8	-21.7	C555	79	AMIND	NV
M PCV234	38	52.02	119	46.06	4787.0	979576.15	-42.2	0.0F	3.1	-203.7	-29.5	C555	79	AMIND	NV
M PCV235	38	52.02	119	45.53	4790.0	979579.95	-38.1	0.0F	2.8	-200.1	-25.8	C555	79	AMIND	NV
M PCV236	38	52.23	119	45.05	4825.0	979580.77	-34.3	0.0F	2.4	-197.8	-23.5	C555	79	AMIND	NV
M PCV237	38	51.55	119	45.23	4844.0	979579.46	-32.8	0.0F	2.7	-196.8	-22.2	C555	79	AMIND	NV
M PCV238	38	51.57	119	46.62	4800.0	979572.50	-43.9	0.0F	3.9	-205.2	-30.9	C555	79	AMIND	NV
M PCV239	38	51.20	119	46.67	4822.0	979571.01	-42.8	0.0F	4.1	-204.6	-30.2	C555	79	AMIND	NV
M PCV240	38	55.87	119	43.05	4817.0	979584.40	-36.8	0.0F	1.5	-201.0	-28.1	C555	79	AMIND	NV
M PCV241	38	55.43	119	42.87	4822.0	979583.49	-36.6	0.0F	1.5	-200.9	-27.8	C555	79	AMIND	NV
M PCV242	38	55.95	119	42.42	4856.0	979583.42	-34.2	0.0F	1.4	-199.8	-26.9	C555	79	AMIND	NV
M PCV243	38	55.28	119	42.45	4862.0	979581.75	-34.3	0.1F	1.5	-200.0	-26.8	C555	79	AMIND	NV
M PCV246	38	55.58	119	41.02	4958.0	979576.96	-30.5	0.1F	1.4	-199.7	-26.5	C555	79	AMIND	NV
M PCV247	38	55.88	119	41.50	4940.0	979578.33	-31.3	0.3F	1.5	-199.7	-26.6	C555	79	AMIND	NV
M PCV248	38	55.90	119	41.95	4912.0	979579.57	-32.7	0.0F	1.3	-200.3	-27.4	C555	79	AMIND	NV
M PCV249	38	55.27	119	41.67	4898.0	979579.02	-33.7	0.0F	1.4	-200.7	-27.5	C555	79	AMIND	NV
M PCV250	38	54.83	119	41.48	4945.0	979574.97	-32.6	0.1F	1.4	-201.3	-27.8	C555	79	AMIND	NV
M PCV252	38	54.67	119	41.08	4980.0	979574.28	-29.8	0.0F	1.4	-199.6	-26.0	C555	79	AMIND	NV
M PCV253	38	54.45	119	40.58	5059.0	979569.81	-26.5	0.0F	1.4	-199.1	-25.4	C555	79	AMIND	NV

Table 15--(continued)

STATION NAME	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	TERRAIN COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE ST NAME
M PCV254	38	54.35	119	41.17	5003.0	979572.61	-28.8	0.0F	1.4	-199.5	-25.7	C555	79	AMIND NV
M PCV255	38	54.38	119	41.67	4945.0	979574.46	-32.5	0.1F	1.5	-201.0	-27.3	C555	79	AMIND NV
M PCV256	38	53.90	119	40.78	4973.0	979575.06	-28.5	0.2F	1.7	-197.9	-23.9	C555	79	AMIND NV
M PCV257	38	53.55	119	40.78	4981.0	979574.86	-27.5	0.0F	1.6	-197.2	-23.0	C555	79	AMIND NV
M PCV258	38	53.10	119	40.78	4983.0	979576.53	-25.0	0.2F	1.8	-194.5	-20.1	C555	79	AMIND NV
M PCV259	38	53.12	119	41.42	4949.0	979578.94	-25.8	0.0F	1.7	-194.3	-20.0	C555	79	AMIND NV
M PCV260	38	53.55	119	41.40	4936.0	979577.93	-28.6	0.0F	1.6	-196.8	-22.7	C555	79	AMIND NV
M PCV261	38	58.57	119	46.18	4703.0	979582.98	-52.9	0.0F	1.8	-212.9	-41.3	C555	79	AMIND NV
M PCV263	38	58.12	119	45.58	4716.0	979586.04	-47.9	0.0F	1.7	-208.5	-36.7	C555	79	AMIND NV
M PCV264	38	58.12	119	46.18	4706.0	979582.65	-52.3	0.0F	1.8	-212.3	-40.6	C555	79	AMIND NV
M PCV265	38	58.12	119	45.05	4726.0	979588.97	-44.1	0.0F	1.6	-205.1	-33.2	C555	79	AMIND NV
M PCV266	38	58.13	119	44.50	4746.0	979590.37	-40.8	0.1F	1.5	-202.5	-30.6	C555	79	AMIND NV
M PCV268	38	56.82	119	44.48	4749.0	979590.49	-38.5	0.0F	1.6	-200.3	-27.8	C555	79	AMIND NV
M PCV269	38	57.12	119	44.87	4737.0	979589.86	-40.7	0.0F	1.6	-202.0	-29.7	C555	79	AMIND NV
M PCV270	38	57.68	119	45.05	4728.0	979588.75	-43.5	0.0F	1.6	-204.5	-32.4	C555	79	AMIND NV
M PCV271	38	57.68	119	45.57	4717.0	979586.14	-47.1	0.0F	1.7	-207.6	-35.6	C555	79	AMIND NV
M PCV272	38	57.48	119	43.93	4766.0	979591.32	-37.0	0.0F	1.4	-199.5	-27.3	C555	79	AMIND NV
M PCV273	38	56.82	119	43.63	4780.0	979589.04	-37.0	0.0F	1.5	-200.0	-27.4	C555	79	AMIND NV
M PCV274	38	57.27	119	43.35	4790.0	979589.42	-36.4	0.0F	1.4	-199.8	-27.4	C555	79	AMIND NV
M PCV276	38	58.07	119	42.83	4832.0	979584.43	-38.6	0.0F	1.3	-203.5	-31.5	C555	79	AMIND NV
M PCV277	38	57.97	119	43.92	4779.0	979589.72	-38.1	0.0F	1.4	-201.1	-29.1	C555	79	AMIND NV
M PCV278	38	58.57	119	43.92	4767.0	979590.00	-39.8	0.0F	1.4	-202.5	-30.7	C555	79	AMIND NV
M PCV280	38	58.57	119	42.87	4824.0	979585.49	-39.0	0.0F	1.3	-203.7	-31.9	C555	79	AMIND NV
M PCV281	38	57.45	119	42.68	4849.0	979587.26	-33.2	0.1F	1.4	-198.6	-26.3	C555	79	AMIND NV
M PCV282	38	59.43	119	43.13	4789.0	979593.22	-35.8	0.0F	1.3	-199.3	-27.8	C555	79	AMIND NV
M PCV283	38	59.43	119	43.68	4754.0	979592.87	-39.5	0.0F	1.3	-201.7	-30.2	C555	79	AMIND NV
M PCV284	38	59.97	119	43.85	4756.0	979594.04	-38.9	0.0F	1.3	-201.2	-29.9	C555	79	AMIND NV
M PCV286	38	58.57	119	45.03	4725.0	979589.60	-44.2	0.0F	1.5	-205.2	-33.5	C555	79	AMIND NV
M PCV287	38	58.98	119	45.03	4719.0	979590.67	-44.3	0.0F	1.5	-205.1	-33.6	C555	79	AMIND NV
M PCV289	38	59.02	119	45.57	4710.0	979586.67	-49.2	0.0F	1.6	-209.6	-38.1	C555	79	AMIND NV
M PCV305	38	52.80	119	41.85	4906.0	979582.93	-25.4	0.3F	2.0	-192.1	-17.7	C555	79	AMIND NV
M PCV306	38	52.63	119	41.08	5026.0	979575.66	-21.1	0.4F	2.0	-191.9	-17.4	C555	79	AMIND NV
M PCV307	38	53.85	119	41.37	4954.0	979575.57	-29.8	0.0F	1.5	-198.6	-24.6	C555	79	AMIND NV
M PCV308	38	53.75	119	42.01	4871.0	979581.06	-31.9	0.0F	1.6	-197.8	-23.8	C555	79	AMIND NV
M PCV309	38	54.30	119	42.30	4845.0	979582.29	-33.9	0.0F	1.6	-199.0	-25.3	C555	79	AMIND NV
M PCV310	38	54.70	119	42.62	4840.0	979583.43	-33.9	0.1F	1.6	-198.7	-25.2	C555	79	AMIND NV
M PCV311	38	54.85	119	42.10	4870.0	979579.76	-34.9	0.0F	1.5	-200.9	-27.5	C555	79	AMIND NV
M PCV329	38	58.98	119	47.21	4686.0	979580.94	-57.1	0.0F	2.2	-216.2	-44.8	C555	79	AMIND NV
M PCV330	38	58.96	119	47.68	4677.0	979581.87	-57.0	0.0F	2.5	-215.4	-44.1	C555	79	AMIND NV
M PCV331	38	58.63	119	48.31	4681.0	979579.86	-58.2	0.0F	2.9	-216.3	-45.0	C555	79	AMIND NV
M PCV332	38	59.10	119	48.66	4676.0	979582.66	-56.5	0.0F	3.2	-214.1	-43.0	C555	79	AMIND NV
M PCV333	38	59.46	119	49.35	4668.0	979587.91	-52.6	0.3F	4.4	-208.7	-37.7	C555	79	AMIND NV
M PCV334	38	58.60	119	49.30	4674.0	979582.75	-55.9	0.2F	4.3	-212.4	-41.2	C555	79	AMIND NV
M PCV335	38	57.38	119	49.01	4683.0	979579.08	-56.9	0.0F	3.8	-214.2	-42.5	C555	79	AMIND NV
M PCV336	38	57.80	119	49.75	4670.0	979582.07	-55.8	0.4F	5.4	-211.0	-39.6	C555	79	AMIND NV
M PCV337	38	57.36	119	47.86	4686.0	979576.90	-58.8	0.1F	2.8	-217.2	-45.3	C555	79	AMIND NV
M PCV338	38	57.36	119	48.48	4685.0	979577.69	-58.1	0.0F	3.2	-216.0	-44.3	C555	79	AMIND NV
M PCV339	38	56.90	119	47.28	4699.0	979577.41	-56.4	0.0F	2.4	-215.6	-43.5	C555	79	AMIND NV
M PCV340	38	56.60	119	48.13	4693.0	979577.68	-56.2	0.0F	3.1	-214.6	-42.5	C555	79	AMIND NV
M PCV341	38	56.50	119	45.96	4721.0	979582.59	-48.5	0.0F	2.0	-209.0	-36.6	C555	79	AMIND NV
M PCV342	38	56.93	119	46.08	4722.0	979582.17	-49.5	0.0F	1.9	-210.0	-37.8	C555	79	AMIND NV
M PCV343	38	55.63	119	44.23	4778.0	979586.32	-38.2	0.0F	1.6	-200.9	-28.0	C555	79	AMIND NV
M PCV344	38	54.96	119	43.61	4804.0	979584.76	-36.3	0.0F	1.6	-199.9	-26.6	C555	79	AMIND NV
M PCV345	38	55.26	119	44.28	4783.0	979586.83	-36.6	0.0F	1.7	-199.5	-26.4	C555	79	AMIND NV
M PCV346	38	57.16	119	49.55	4682.0	979581.20	-54.6	0.1F	4.9	-210.8	-39.1	C555	79	AMIND NV
M PCV347	38	56.36	119	49.68	4685.0	979581.78	-52.5	0.2F	5.5	-208.2	-36.3	C555	79	AMIND NV
M PCV348	38	56.80	119	49.53	4681.0	979581.37	-54.0	0.3F	5.1	-209.9	-38.1	C555	79	AMIND NV
M PCV349	38	56.35	119	48.90	4692.0	979580.06	-53.6	0.0F	3.9	-211.0	-39.0	C555	79	AMIND NV
M PCV350	38	55.36	119	48.11	4706.0	979578.05	-52.8	0.0F	3.5	-211.2	-38.7	C555	79	AMIND NV
M PCV351	38	54.90	119	48.01	4708.0	979576.54	-53.4	0.0F	3.6	-211.8	-39.1	C555	79	AMIND NV

Table 15--(continued)

STATION NAME	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	ELEV FEET	OBS GRAV MGAL	FREE AIR	TERRAIN HAND	COMP	BOUG ANOM	ISOS ANOM	ACC CODE	DATE M-D-Y	BASE NAME	ST
M PCV352	38	54.80	119	50.51	4940.0	979559.23	-48.8	2.7F	11.0	-207.6	-35.6	C555	79	AMIND	NV
M PCV353	38	55.21	119	47.20	4713.0	979576.95	-53.0	0.0F	2.8	-212.4	-39.7	C555	79	AMIND	NV
M PCV554	38	55.06	119	45.30	4752.0	979585.14	-40.9	0.0F	2.0	-202.5	-29.4	C555	79	AMIND	NV
M PCV355	38	53.68	119	47.20	4726.0	979572.35	-54.2	0.0F	3.4	-213.3	-39.9	C555	79	AMIND	NV
M PCV356	38	54.18	119	47.41	4717.0	979573.74	-54.3	0.0F	3.4	-213.2	-40.1	C555	79	AMIND	NV
M PCV357	38	53.30	119	48.30	4724.0	979571.65	-54.5	0.0F	5.5	-211.5	-38.3	C555	79	AMIND	NV
M PCV379	38	59.86	119	41.63	4916.0	979591.19	-26.6	0.0F	1.2	-194.4	-23.1	C555	79	AMIND	NV
M PCV380	38	59.85	119	40.56	5061.0	979577.05	-27.1	0.1F	1.1	-200.0	-28.6	C555	79	AMIND	NV
M PCV381	38	59.35	119	40.03	5166.0	979565.90	-27.6	0.3F	1.4	-203.9	-32.4	C555	79	AMIND	NV
M PCV382	38	59.36	119	39.23	5067.0	979571.68	-31.1	0.0F	1.2	-204.1	-32.6	C555	79	AMIND	NV
M PCV385	38	59.83	119	34.28	6304.0	979512.43	25.2	2.3F	4.1	-187.3	-16.5	C555	79	AMIND	NV
M PCV387	38	58.26	119	37.73	5388.0	979553.06	-18.0	0.3F	1.4	-201.8	-29.9	C555	79	AMIND	NV
M PCV388	38	57.75	119	37.61	5409.0	979555.31	-13.0	1.0F	2.1	-196.8	-24.7	C555	79	AMIND	NV
M PCV390	38	56.88	119	38.33	5173.0	979569.10	-20.1	0.0F	1.2	-196.7	-24.1	C555	79	AMIND	NV
M PCV391	38	56.88	119	37.76	5226.0	979566.63	-17.6	0.2F	1.5	-195.8	-23.1	C555	79	AMIND	NV
M PCV393	38	56.38	119	38.35	5152.0	979569.06	-21.4	0.1F	1.4	-197.1	-24.2	C555	79	AMIND	NV
M PCV394	38	58.88	119	41.03	4930.0	979583.38	-31.6	0.0F	1.2	-200.0	-28.3	C555	79	AMIND	NV
M PCV395	38	59.35	119	41.23	4923.0	979586.89	-29.5	0.3F	1.4	-197.3	-25.8	C555	79	AMIND	NV
M PCV397	38	58.20	119	40.76	4950.0	979580.52	-31.6	0.0F	1.2	-200.6	-28.6	C555	79	AMIND	NV
M PCV398	38	57.15	119	39.81	5062.0	979574.84	-25.2	0.6F	1.8	-197.5	-25.0	C555	79	AMIND	NV
M PCV399	38	57.23	119	38.90	5166.0	979568.70	-21.7	0.0F	1.2	-198.1	-25.7	C555	79	AMIND	NV
M PCV400	38	57.71	119	38.90	5133.0	979571.67	-22.5	0.0F	1.2	-197.8	-25.6	C555	79	AMIND	NV
M PCV402	38	58.45	119	39.76	5280.0	979558.63	-22.8	1.2F	2.3	-202.1	-30.3	C555	79	AMIND	NV
M PCV403	38	57.83	119	39.55	5322.0	979557.08	-19.5	1.0F	2.0	-200.5	-28.3	C555	79	AMIND	NV
M PCV404	38	58.15	119	39.05	5230.0	979564.63	-21.1	0.4F	1.4	-199.5	-27.5	C555	79	AMIND	NV
M PCV405	38	57.45	119	40.81	5063.0	979574.32	-26.1	0.7F	1.8	-198.3	-26.0	C555	79	AMIND	NV
M PCV406	38	56.36	119	40.51	5146.0	979567.85	-23.1	0.3F	1.5	-198.6	-25.8	C555	79	AMIND	NV
M PCV407	38	55.96	119	40.00	5039.0	979575.07	-25.4	0.5F	1.7	-196.9	-23.9	C555	79	AMIND	NV
M PCV409	38	55.95	119	38.43	5158.0	979568.34	-20.9	0.1F	1.4	-196.9	-23.8	C555	79	AMIND	NV
M PCV410	38	56.68	119	39.25	5147.0	979569.61	-21.7	0.3F	1.5	-197.3	-24.6	C555	79	AMIND	NV
M PCV412	38	55.11	119	38.86	5274.0	979560.17	-16.9	0.8F	2.1	-196.2	-22.8	C555	79	AMIND	NV
M PCV413	38	55.16	119	38.00	5260.0	979565.11	-13.4	0.0F	1.4	-192.8	-19.4	C555	79	AMIND	NV
M PCV414	38	55.51	119	39.76	5322.0	979555.71	-17.5	0.4F	1.6	-198.8	-25.7	C555	79	AMIND	NV
M PCV415	38	54.25	119	39.48	5218.0	979562.82	-18.3	0.2F	1.5	-196.2	-22.4	C555	79	AMIND	NV
M PCV417	38	54.26	119	38.31	5341.0	979558.78	-10.8	0.1F	1.5	-192.9	-19.1	C555	79	AMIND	NV
M PCV418	38	55.45	119	36.13	5862.0	979536.21	13.9	2.6F	4.1	-183.5	-10.5	C555	79	AMIND	NV
M PCV419	38	53.76	119	39.56	5444.0	979548.48	-10.6	1.4F	2.7	-195.1	-21.1	C555	79	AMIND	NV
M PCV420	38	51.58	119	46.06	4806.0	979574.86	-41.0	0.0F	3.3	-203.1	-28.7	C555	79	AMIND	NV
M PCV421	38	51.13	119	46.08	4827.0	979573.68	-39.6	0.0F	3.4	-202.2	-27.6	C555	79	AMIND	NV
M PCV422	38	50.71	119	46.06	4862.0	979573.10	-36.2	0.0F	3.5	-200.0	-25.2	C555	79	AMIND	NV
M PCV423	38	50.35	119	46.08	4894.0	979572.56	-33.3	0.0F	3.5	-198.0	-23.1	C555	79	AMIND	CA
M PCV424	38	49.70	119	46.13	4943.0	979565.32	-34.9	0.0F	3.7	-201.3	-26.1	C555	79	AMIND	CA
M PCV425	38	49.18	119	46.65	5005.0	979556.67	-37.0	0.2F	4.5	-204.6	-29.4	C555	79	AMIND	CA
M PCV426	38	48.55	119	46.66	5105.0	979548.65	-34.7	0.3F	4.3	-205.9	-30.5	C555	79	AMIND	CA
M PCV427	38	48.63	119	47.48	5366.0	979531.37	-27.5	0.8F	5.5	-206.5	-31.5	C555	79	AMIND	CA
M PCV428	38	49.65	119	47.11	5072.0	979553.14	-34.9	0.7F	5.4	-203.9	-29.1	C555	79	AMIND	CA
M PCV429	38	52.66	119	42.91	5373.0	979553.31	-10.9	2.4F	4.0	-191.6	-17.4	C555	79	AMIND	NV
M PCV430	38	52.25	119	44.55	5055.0	979568.45	-25.0	1.3F	3.3	-195.6	-21.3	C555	79	AMIND	NV
M PCV431	38	51.13	119	45.25	4874.0	979578.88	-30.0	0.1F	2.8	-194.8	-20.0	C555	79	AMIND	NV
M PCV433	38	49.80	119	45.13	4992.0	979570.04	-25.8	0.1F	2.8	-194.6	-19.4	C555	79	AMIND	CN
M PCV434	38	49.06	119	45.21	5072.0	979559.53	-27.7	0.1F	2.9	-199.2	-23.6	C555	79	AMIND	CA
M PCV435	38	48.93	119	45.55	5082.0	979556.06	-30.0	0.1F	3.1	-201.7	-26.2	C555	79	AMIND	CA
M PCV444	38	49.76	119	46.66	4945.0	979562.35	-37.8	0.2F	4.5	-203.4	-28.4	C555	79	AMIND	CA
M PCV445	38	50.07	119	46.65	4934.0	979566.89	-34.7	0.1F	4.4	-200.1	-25.2	C555	79	AMIND	CA
M PCV446	38	50.70	119	46.63	4865.0	979570.27	-38.8	0.1F	4.2	-201.9	-27.3	C555	79	AMIND	CA
M PCV447	38	50.13	119	44.51	5290.0	979554.28	-14.0	0.8F	2.8	-193.0	-17.9	C555	79	AMIND	NV
M PCV448	38	48.35	119	45.87	5591.0	979517.38	-20.0	2.2F	4.7	-207.5	-32.0	C555	79	AMIND	CA
M PCV449	38	52.61	119	45.48	4813.0	979579.61	-37.1	0.2F	2.8	-199.9	-25.9	C555	79	AMIND	NV
M PCV450	38	53.12	119	44.93	4834.0	979581.58	-33.9	0.0F	2.2	-198.0	-24.1	C555	79	AMIND	NV
M PCV452	38	51.00	119	37.15	6950.0	979457.71	44.2	4.6F	8.5	-185.9	-11.0	C555	79	AMIND	NV