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**Principal Facts for 463 Gravity Stations in the Vicinity of Tangle Lakes,  
East-Central Alaska**

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## INTRODUCTION

During the summer of 2001, a gravity survey was conducted in the vicinity of Tangle Lakes, east-central Alaska. Measurements of 87 gravity stations were made. The Tangle Lakes area is located about 25 km west of Paxson and north of the Denali Highway. The gravity survey is located on the southwest corner of the Mt. Hayes and the northwest corner of the Gulkana 1:250,000 scale USGS topographic maps. The boundaries of the study area are 62° 30' to 63° 30' N. latitude and 145° 30' to 147° 00' W. longitude. A map showing the location of the study area is shown in figure 1. One gravity base station was used for control for this survey. This base station, TLIN is located at the Tangle Lakes Inn. The observed gravity of this station was calculated based on multiple ties to base stations ANCU in Anchorage, PALH in Palmer, BD27 in Gulkana, and base stations D42, and D57 along the Denali Highway.

## GRAVITY REDUCTION

Conversion to milligals are made using factory calibration constants and a calibration factor which varies with each gravity meter and has been determined by multiple gravity readings over the Mt. Hamilton calibration loop east of San Jose, CA (Barnes and others, 1969). Observed gravity values are based on an assumed linear drift between successive base readings. Horizontal control is provided by small portable Global Positioning Systems (GPS). USGS topographic maps at a scale of 1:63,360 are used for vertical control. Field terrain corrections are made in the field to calculate the effect of the local terrain from the station to a radial distance of 53 m (Hammer zones A through C) (Hammer, 1939). Hand terrain corrections between 53 m and 0.39 km are made by estimating average elevations from topographic maps and using tables by Hammer (Hammer, 1939) for Hammer zones D through E (Hammer, 1939). Terrain corrections from a radial distance of 0.39 km (Hammer zone F) (Hammer, 1939) from the station to a radial distance of 166.7 km were computed with a FORTRAN program (Plouff, 1966, 1977; Godson and Plouff, 1988) and a digital terrain model. These data are processed with an isostatic reduction program (Jachens and Roberts, 1981) to compensate for the effects of crustal roots that buoyantly support topography. The isostatic reduction assumes an Airy-Heiskanen model with the following parameters from the station to 166.7 km: density of topography above sea level, 2.67 g/cm<sup>3</sup>; crustal thickness at sea level, 25 km; density contrast across the base of the model crust, 0.4 g/cm<sup>3</sup>. From 166.7 km to a point on the opposite side of the Earth, isostatic and terrain corrections were taken off maps by Karki and others (1961). These corrections were added to the output of the isostatic program of Jachens and Roberts (1981) to produce the isostatic anomalies.

Theoretical gravity at sea level is based on the Geodetic Reference System 1967 (GRS 67) (International Association of Geodesy, 1971, p. 58) for the shape of the spheroid. The datum for the observed gravity is the International Gravity Standardization Net 1971 (IGSN 71) (Morelli, 1974, p. 18). Observed gravities are calculated by adding meter drift and earth-tide corrections to

the milligal equivalent meter readings. Free-air anomalies are calculated by subtracting the theoretical gravity from the observed gravity and adding the free-air correction as defined by Swick (1942, p. 65). Simple Bouguer anomalies are calculated by subtracting the Bouguer correction, which accounts for the attraction of rocks between the station and sea level using a rock density of  $2.67 \text{ g/cm}^3$ , from the free-air anomaly. Complete Bouguer anomalies are calculated by adding the terrain correction to the simple Bouguer anomaly. Isostatic anomalies are calculated by adding the isostatic correction to the complete Bouguer anomaly.

## **ISOSTATIC GRAVITY DATA**

Figure 1 shows the location of the gravity data collected in 2001 as well as data collected earlier. The data points are plotted on a topographic base generated from a digital elevation model (DEM). A colored isostatic gravity grid of the combined data sets is shown in figure 2. Table 1 lists the principal facts of the gravity stations of both the 2001 and earlier data. More detailed information about the individual data sets are found in table 2. Table 3 is an explanation of the data.

Table 2 gives detailed information on individual data sets. Data set codes from table 1 are unique for each day of data. The data set code in table 2 contains either a .AKG or a .BAL suffix that reflects one of two computer programs used to reduce the data. The following two fields list the project name under which the data was collected and a traverse name, which best describes the geographic area in which the data was collected. The next field provides the date in which the data was collected. Following the date field is the field listing the meter name and type. A type 1 meter is one that only has a meter factor, supplied from the manufacturer, that is applied to each reading. A type 0 meter is one that has a table of calibration constants supplied from the manufacturer. A type 1 meter is one that has a table of calibration constants supplied from the manufacturer plus an additional factor determined by multiple gravity readings over the Mt. Hamilton calibration loop east of San Jose, CA (Barnes and others, 1969). The next field is the meter factor followed by the time zone in which the data was collected. Then the project chief and the party members are listed.

Table 3 provides an explanation to the columns of data and codes in table 1. Inner terrain corrections generally include field terrain corrections, as explained earlier, and hand terrain corrections, which are made by calculating the effect of the terrain beyond the field correction to a radial distance of 0.39 km. None of the data in this report, however, has hand terrain corrections.

## **ACKNOWLEDGMENTS**

We would like to thank Jeanine Schmidt and Steve Nelson for their assistance in collecting this data.

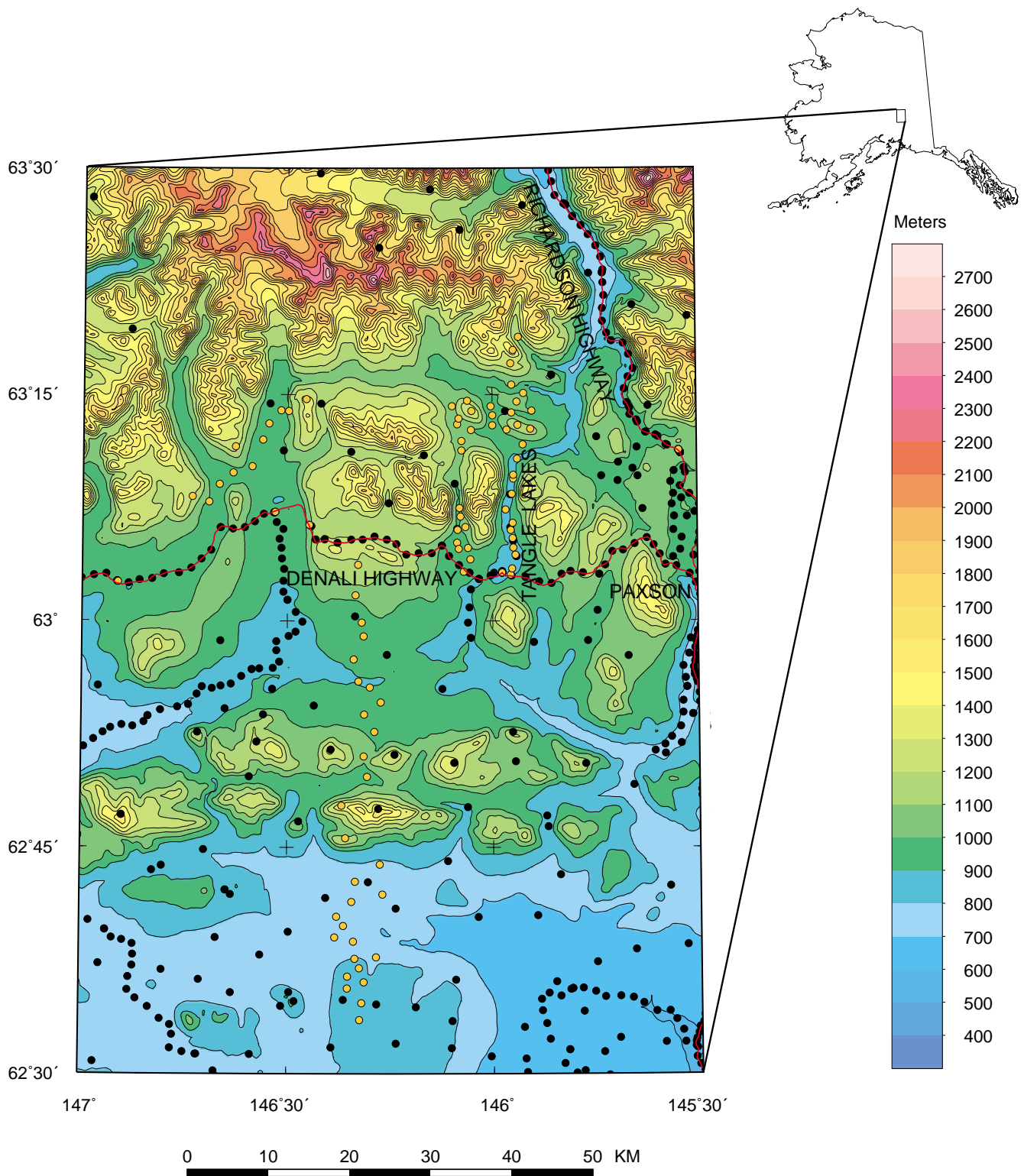


Figure 1. Index map of study area. Base is topography generated from 15 x 30-second DEMs. Gravity stations collected in 2001 are shown in gold. Previous gravity stations are shown in black. Highways are indicated by red lines.

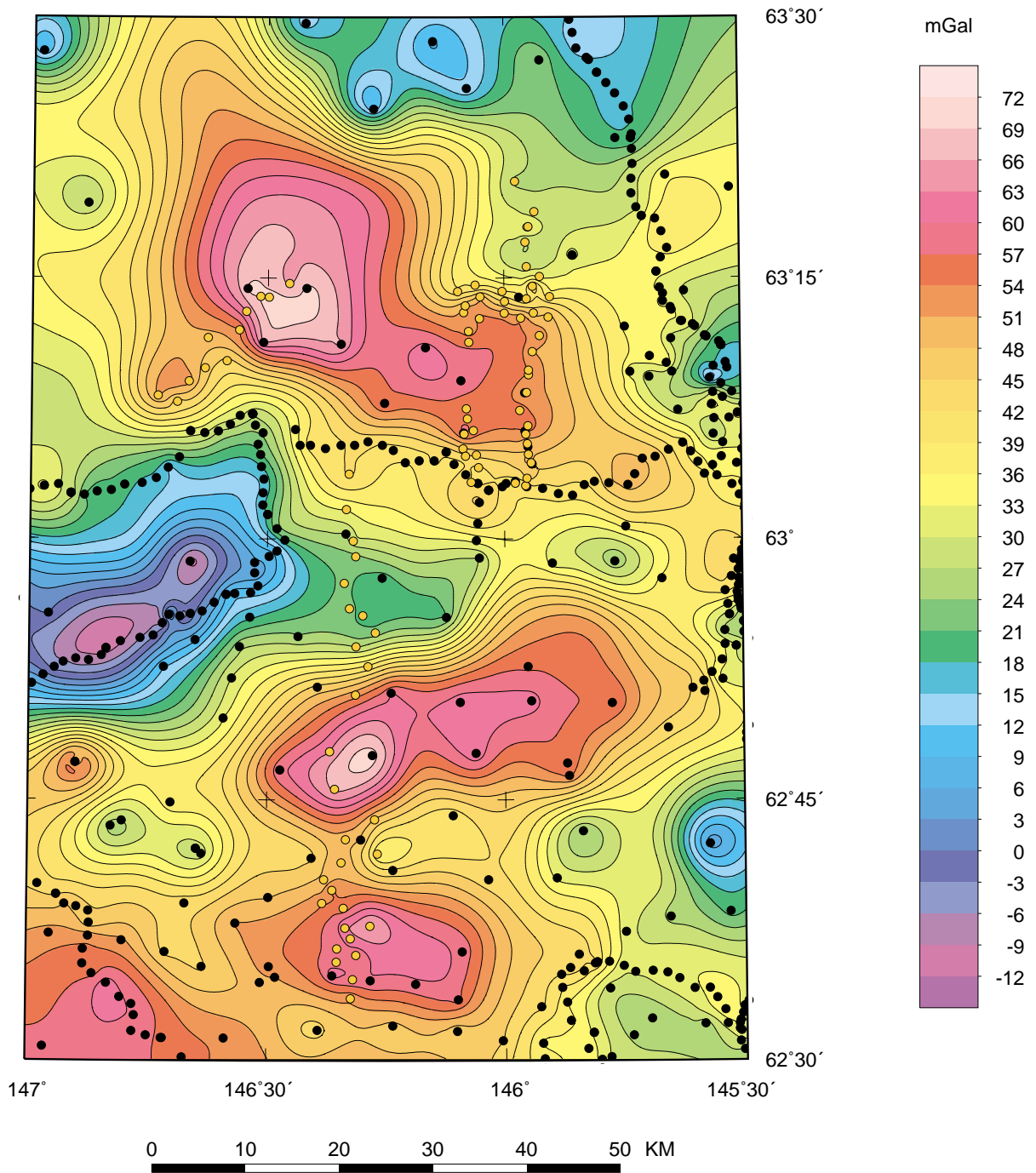


Figure 2. Isostatic gravity map of study area, contour interval 3 mGal. Gravity stations collected in 2001 shown in gold. Previous gravity stations shown in black.

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**Table 1.** Principal facts of gravity stations.

[DEG, degrees; MIN minutes; ELEV, elevation; FT, feet; MGAL, milligals; ACC, accuracy; FAA, free-air anomaly; SBA, simple Bouguer anomaly; CBA, complete Bouguer anomaly]

GRAVITY STATION NAME	LATITUDE (DEG MIN)	LONGITUDE (DEG MIN)	ELEV (FT)	OBSERVED GRAVITY (MGAL)	ACC CODES	FAA (MGAL)	SBA (MGAL)	TERRAIN INNER (MGAL)	CORRECTION OUTER (MGAL)	CBA (MGAL)	ISOSTATIC ANOMALY (MGAL)	DATA SET CODES	SECONDARY ELEVATION AND ANOMALY	ISO-STATIC CODE	
USGS Data collected in 2001															
TLIN	63	3.21	145 58.61	2848.0	981912.71	%AN7	31.34	-65.80	0.00	0.90	-64.90	41.62 CA32 N	0.	0.0 ISOW	
01DM001	63	3.07	145 57.33	2850.0	981909.71	%CM7	28.70	-68.51	0.03	1.06	-67.42	39.00 CA32 N	0.	0.0 ISOW	
01DM002	63	3.48	145 57.15	2952.0	981910.79	%CM7	38.86	-61.82	0.03	0.83	-60.96	45.73 CA32 N	0.	0.0 ISOW	
01DM003	63	4.38	145 56.63	2884.0	981918.55	%CM7	39.13	-59.23	0.04	1.14	-58.05	49.26 CA32 N	0.	0.0 ISOW	
01DM004	63	4.86	145 56.96	2794.0	981922.22	%CH7	33.76	-61.54	0.02	1.58	-59.94	47.71 CA32 N	0.	0.0 ISOW	
01DM005	63	5.48	145 57.06	2794.0	981923.72	%CH7	34.50	-60.79	0.00	2.06	-58.73	49.40 CA32 N	0.	0.0 ISOW	
01DM006	63	6.02	145 57.31	2791.0	981927.01	%CH7	36.85	-58.34	0.02	2.55	-55.77	52.73 CA32 N	0.	0.0 ISOW	
01DM007	63	6.51	145 57.02	3000.0	981919.13	%CN7	48.01	-54.31	0.02	2.18	-52.11	56.70 CA32 N	0.	0.0 ISOW	
01DM008	63	7.39	145 58.06	2792.0	981928.04	%CH7	36.30	-58.92	0.01	4.63	-54.28	55.13 CA32 N	0.	0.0 ISOW	
01DM009	63	8.42	145 57.16	2791.0	981923.66	%CH7	30.57	-64.62	0.02	5.90	-58.70	51.44 CA32 N	0.	0.0 ISOW	
01DM010	63	9.44	145 56.93	2791.0	981927.38	%CH7	33.05	-62.14	0.01	5.08	-57.05	53.76 CA32 N	0.	0.0 ISOW	
01DM011	63	9.69	145 56.92	2791.0	981928.17	%CH7	33.54	-61.66	0.00	4.59	-57.07	53.93 CA32 N	0.	0.0 ISOW	
01DM012	63	10.76	145 56.39	2700.0	981932.72	%CN7	28.23	-63.86	0.02	3.56	-60.28	51.39 CA32 N	0.	0.0 ISOW	
01DM013	63	11.68	145 55.50	3230.0	981905.39	%CG7	49.58	-60.58	0.01	1.23	-59.34	52.76 CA32 N	0.	0.0 ISOW	
01DM014	63	12.98	145 56.27	4040.0	981849.24	%CG7	67.95	-69.84	0.02	4.00	-65.82	46.77 CA32 N	0.	0.0 ISOW	
01DM015	63	12.74	145 54.36	3920.0	981859.37	%CN7	67.10	-66.60	0.01	3.24	-63.35	49.16 CA32 N	0.	0.0 ISOW	
01DM016	63	13.93	145 54.21	3490.0	981875.11	%CG7	40.99	-78.04	0.05	1.71	-76.28	37.02 CA32 N	0.	0.0 ISOW	
01DM017	63	3.73	146 19.68	3904.0	981850.72	%CH7	67.94	-65.21	0.00	0.99	-64.22	42.33 CA33 N	0.	0.0 ISOW	
01DM018	63	1.71	146 20.05	3360.0	981873.23	%CH7	41.81	-72.79	0.01	0.65	-72.13	33.11 CA33 N	0.	0.0 ISOW	
01DM019	62	59.89	146 19.15	3185.0	981878.88	%CN7	33.24	-75.39	0.01	0.38	-75.00	29.08 CA33 N	0.	0.0 ISOW	
01DM020	62	58.99	146 18.86	3000.0	981883.82	%CM7	21.90	-80.42	0.02	0.27	-80.13	23.40 CA33 N	0.	0.0 ISOW	
01DM021	62	57.46	146 20.29	2991.0	981881.81	%CH7	20.91	-81.11	0.00	0.16	-80.95	21.59 CA33 N	0.	0.0 ISOW	
01DM022	62	56.00	146 19.62	2916.0	981885.61	%CH7	19.45	-80.01	0.01	0.20	-79.80	21.83 CA33 N	0.	0.0 ISOW	
01DM023	62	55.60	146 17.95	3109.0	981871.95	%CA5	24.42	-81.62	0.03	0.44	-81.15	20.20 CA33 N	0.	0.0 ISOW	
01DM024	62	54.60	146 16.35	3220.0	981867.23	%CM7	31.36	-78.47	0.00	0.27	-78.20	22.50 CA33 N	0.	0.0 ISOW	
01DM025	62	53.80	146 18.80	3153.0	981875.19	%CM7	34.00	-73.54	0.00	0.23	-73.31	26.95 CA33 N	0.	0.0 ISOW	
01DM026	62	52.66	146 17.30	3350.0	981875.20	%CM7	53.92	-60.34	0.00	0.52	-59.82	39.72 CA33 N	0.	0.0 ISOW	
01DM027	62	51.03	146 18.86	3818.0	981857.34	%CG7	82.04	-48.18	0.00	2.44	-45.74	52.84 CA33 N	0.	0.0 ISOW	
01DM028	63	12.69	145 57.89	3250.0	981905.04	%CM7	49.88	-60.97	0.02	1.65	-59.30	53.36 CA33 N	0.	0.0 ISOW	
01DM029	63	13.81	145 57.16	3220.0	981893.02	%CN7	33.68	-76.14	0.01	1.41	-74.72	38.57 CA33 N	0.	0.0 ISOW	
01DM030	63	14.53	145 56.39	3583.0	981876.18	%CM7	50.07	-72.13	0.03	1.73	-70.37	43.19 CA33 N	0.	0.0 ISOW	
01DM031	63	15.09	145 55.43	3416.0	981875.32	%CN7	32.84	-83.67	0.02	1.60	-82.05	31.84 CA33 N	0.	0.0 ISOW	
01DM032	63	15.65	145 57.13	3525.0	981865.85	%CN7	32.93	-87.30	0.01	1.93	-85.36	28.78 CA33 N	0.	0.0 ISOW	
01DM033	63	17.07	145 57.28	4300.0	981817.79	%CG7	55.96	-90.71	0.02	3.42	-87.27	27.23 CA33 N	0.	0.0 ISOW	
01DM034	63	17.95	145 56.90	5270.0	981757.02	%CN7	85.25	-94.50	0.10	14.90	-79.50	34.99 CA33 N	0.	0.0 ISOW	
01DM035	63	20.55	145 58.58	5950.0	981710.20	%CN7	99.14	-103.79	0.70	14.65	-88.44	26.55 CA33 N	0.	0.0 ISOW	
01DM036	63	18.82	145 56.14	3410.0	981869.37	%CN7	21.79	-94.51	0.03	7.73	-86.75	28.65 CA33 N	0.	0.0 ISOW	
01DM037	63	14.23	146 0.22	3188.0	981896.15	%CN7	33.29	-75.44	0.00	1.41	-74.03	39.52 CA33 N	0.	0.0 ISOW	
01DM038	63	13.64	145 59.94	3203.0	981900.16	%CN7	39.43	-69.82	0.01	1.34	-68.47	44.75 CA33 N	0.	0.0 ISOW	
01DM039	63	12.97	145 59.96	3190.0	981907.56	%CN7	46.43	-62.38	0.02	1.33	-61.03	51.81 CA33 N	0.	0.0 ISOW	
01DM041	63	8.25	146 43.95	3904.0	981861.58	%DH7	73.28	-59.88	0.01	1.58	-58.29	51.01 CA34 N	0.	0.0 ISOW	
01DM042	63	7.90	146 41.50	3187.0	981897.03	%DH7	41.79	-66.91	0.01	1.20	-65.70	43.63 CA34 N	0.	0.0 ISOW	
01DM043	63	9.07	146 40.02	3096.0	981911.45	%DH7	46.23	-59.36	0.03	1.36	-57.97	52.33 CA34 N	0.	0.0 ISOW	
01DM044	63	9.83	146 37.98	3110.0	981905.29	%DH7	40.46	-65.61	0.01	1.35	-64.25	46.65 CA34 N	0.	0.0 ISOW	
01DM045	63	10.24	146 35.21	2995.0	981909.78	%DM7	33.65	-68.51	0.01	1.51	-66.99	44.31 CA34 N	0.	0.0 ISOW	
01DM046	63	11.57	146 37.63	4115.0	981847.98	%DF7	75.46	-64.89	0.02	2.93	-61.94	49.98 CA34 N	0.	0.0 ISOW	
01DM047	63	12.01	146 33.65	2949.0	981922.48	%DH7	39.87	-60.72	0.01	2.14	-58.57	54.14 CA34 N	0.	0.0 ISOW	
01DM048	63	13.08	146 32.76	2950.0	981931.51	%DM7	47.68	-52.93	0.00	2.45	-50.48	63.02 CA34 N	0.	0.0 ISOW	
01DM049	63	13.95	146 30.97	3180.0	981924.19	%DG7	60.92	-47.54	0.04	2.62	-44.88	69.18 CA34 N	0.	0.0 ISOW	
01DM050	63	13.90	146 29.89	3715.0	981892.16	%DG7	79.22	-47.49	0.04	3.77	-43.68	70.19 CA34 N	0.	0.0 ISOW	
01DM051	63	14.69	146 27.31	4490.0	981841.74	%DG7	100.65	-52.49	0.03	4.09	-48.37	65.79 CA34 N	0.	0.0 ISOW	
01DM052	63	7.49	146 4.83	3217.0	981899.11	%CH7	47.19	-62.54	0.10	8.38	-54.06	55.31 CA34 N	0.	0.0 ISOW	
01DM053	63	6.91	146 4.67	3217.0	981902.03	%CH7	50.82	-58.91	0.02	5.99	-52.90	56.08 CA34 N	0.	0.0 ISOW	



**Table 1.** Principal facts of gravity stations. -- Continued

GRAVITY STATION NAME	LATITUDE (DEG MIN)	LONGITUDE (DEG MIN)	ELEV (FT)	OBSERVED GRAVITY (MGAL)	ACC CODES	FAA (MGAL)	SBA (MGAL)	TERRAIN CORRECTION INNER (MGAL)	OUTER (MGAL)	CBA (MGAL)	ISOSTATIC ANOMALY (MGAL)	DATA SET CODES	SECONDARY ELEVATION AND ANOMALY	ISO-STATIC CODE	
01DM054	63	6.23	146	3.95	3430.0	981891.92	%CG7	61.55	-55.44	0.02	2.73	-52.69	55.76 CA34 N	0.	0.0 ISOW
01DM055	63	6.03	146	5.10	3217.0	981906.00	%CH7	55.86	-53.87	0.01	2.51	-51.35	57.02 CA34 N	0.	0.0 ISOW
01DM056	63	5.19	146	5.22	3150.0	981901.58	%CM7	46.17	-61.27	0.01	1.42	-59.84	47.97 CA34 N	0.	0.0 ISOW
01DM057	63	4.77	146	4.94	3150.0	981897.83	%CM7	42.93	-64.51	0.00	1.08	-63.43	44.07 CA34 N	0.	0.0 ISOW
01DM058	63	4.83	146	3.56	3149.0	981899.46	%CH7	44.40	-63.01	0.02	1.40	-61.59	45.94 CA34 N	0.	0.0 ISOW
01DM059	63	4.09	146	3.28	3000.0	981903.89	%CN7	35.72	-66.60	0.01	0.98	-65.61	41.44 CA34 N	0.	0.0 ISOW
01DM060	63	3.26	146	4.24	2950.0	981906.85	%CM7	35.00	-65.61	0.01	0.74	-64.86	41.63 CA34 N	0.	0.0 ISOW
01DM061	62	33.57	146	19.46	2700.0	981912.21	%CM7	53.38	-38.71	0.00	-0.11	-38.82	51.61 CA35 N	0.	0.0 ISOW
01DM062	62	34.68	146	19.17	2675.0	981922.78	%CN7	60.23	-31.01	0.00	-0.10	-31.11	59.64 CA35 N	0.	0.0 ISOW
01DM063	62	35.66	146	21.25	2690.0	981920.72	%CH7	58.36	-33.38	0.00	-0.05	-33.43	57.90 CA35 N	0.	0.0 ISOW
01DM064	62	36.07	146	18.80	2725.0	981919.01	%CM7	59.44	-33.51	0.01	-0.01	-33.51	57.71 CA35 N	0.	0.0 ISOW
01DM065	62	36.44	146	21.18	2725.0	981919.33	%CM7	59.29	-33.65	0.00	0.00	-33.65	57.97 CA35 N	0.	0.0 ISOW
01DM066	62	37.01	146	19.50	3065.0	981901.78	%CG7	72.99	-31.55	0.02	1.73	-29.80	61.81 CA35 N	0.	0.0 ISOW
01DM067	62	37.63	146	20.15	2650.0	981929.40	%CN7	60.85	-29.54	0.01	0.00	-29.53	62.45 CA35 N	0.	0.0 ISOW
01DM068	62	37.73	146	17.04	2650.0	981933.87	%CM7	65.20	-25.18	0.00	0.03	-25.15	66.56 CA35 N	0.	0.0 ISOW
01DM069	62	38.77	146	20.36	2450.0	981935.11	%CN7	46.36	-37.21	0.00	-0.08	-37.29	55.21 CA35 N	0.	0.0 ISOW
01DM070	62	39.04	146	23.05	2400.0	981936.54	%CN7	42.75	-39.11	0.01	-0.09	-39.19	53.67 CA35 N	0.	0.0 ISOW
01DM071	62	39.80	146	21.79	2450.0	981935.07	%CN7	45.04	-38.52	0.02	-0.05	-38.55	54.53 CA35 N	0.	0.0 ISOW
01DM072	62	40.41	146	22.81	2435.0	981930.76	%CH7	38.57	-44.48	0.01	0.00	-44.47	48.95 CA35 N	0.	0.0 ISOW
01DM073	62	41.39	146	20.62	2550.0	981926.68	%CN7	44.09	-42.88	0.00	0.07	-42.81	50.88 CA35 N	0.	0.0 ISOW
01DM074	62	41.89	146	16.11	2690.0	981904.22	%CG7	34.18	-57.57	0.02	0.45	-57.10	36.51 CA35 N	0.	0.0 ISOW
01DM075	62	42.72	146	20.11	2300.0	981940.36	%CN7	32.63	-45.81	0.01	0.55	-45.25	49.11 CA35 N	0.	0.0 ISOW
01DM076	62	43.86	146	16.47	2525.0	981926.60	%CM7	38.62	-47.50	0.00	0.57	-46.93	47.75 CA35 N	0.	0.0 ISOW
01DM077	62	45.61	146	21.50	4003.0	981853.56	%CG7	102.30	-34.23	0.02	5.11	-29.10	66.60 CA35 N	0.	0.0 ISOW
01DM078	62	47.77	146	22.09	4622.0	981810.83	%CG7	115.07	-42.57	0.03	8.73	-33.81	62.99 CA35 N	0.	0.0 ISOW
01DM079	63	11.31	146	4.50	3505.0	981891.87	%CH7	62.35	-57.20	0.01	1.61	-55.58	56.24 CA35 N	0.	0.0 ISOW
01DM080	63	11.93	146	4.53	3400.0	981894.16	%CN7	54.02	-61.94	0.02	1.58	-60.34	51.89 CA35 N	0.	0.0 ISOW
01DM081	63	12.67	146	3.14	3300.0	981903.06	%CN7	52.62	-59.93	0.02	1.63	-58.28	54.43 CA35 N	0.	0.0 ISOW
01DM082	63	13.02	146	5.16	3480.0	981890.24	%CH7	56.29	-62.40	0.00	1.43	-60.97	51.90 CA35 N	0.	0.0 ISOW
01DM083	63	13.41	146	4.95	3450.0	981890.02	%CM7	52.78	-64.89	0.01	1.77	-63.11	49.99 CA35 N	0.	0.0 ISOW
01DM084	63	14.23	146	5.87	3450.0	981880.55	%CM7	42.31	-75.36	0.02	1.71	-73.63	39.98 CA35 N	0.	0.0 ISOW
01DM085	63	14.59	146	3.66	3785.0	981858.48	%CG7	51.28	-77.82	0.15	2.34	-75.33	38.32 CA35 N	0.	0.0 ISOW
01DM086	63	13.92	146	3.06	4372.0	981832.23	%CA5	81.00	-68.12	0.03	5.11	-62.98	50.09 CA35 N	0.	0.0 ISOW

Previous USGS data

B-B80604	63	4.30	145	30.60	3020.0	981893.31	AIA5	27.20	-75.80	0.00	1.20	-74.60	33.95 AA13 N	3022. T	-75.7 ISOW
BT620609	63	8.40	145	31.10	3228.0	981871.49	AIA5	19.90	-90.20	0.00	1.30	-88.90	22.70 AA13 N	3223. T	-90.5 ISOW
A3580610	63	8.90	145	32.50	3224.0	981869.10	AIT6	16.60	-93.40	0.00	1.00	-92.40	19.40 AA13 N	3280. N	-90.1 ISOW
A3590611	63	9.80	145	31.70	3226.0	981867.00	AIT6	13.60	-96.40	0.00	1.30	-95.10	17.42 AA13 N	3230. N	-96.3 ISOW
BB630612	63	10.10	145	31.90	3223.0	981867.05	AIA6	12.90	-97.00	0.00	1.30	-95.70	16.92 AA13 N	3226. T	-96.8 ISOW
BC630613	63	11.10	145	32.40	3270.0	981866.18	AGA5	15.30	-96.30	0.00	1.60	-94.70	18.53 AA13 N	3274. T	-96.0 ISOW
A3600614	63	11.60	145	34.30	3245.0	981872.10	AIT6	18.30	-92.40	0.00	1.90	-90.50	22.92 AA13 N	3240. N	-92.7 ISOW
A3610615	63	12.30	145	36.00	3090.0	981888.60	AIT6	19.30	-86.10	0.00	2.20	-83.90	29.81 AA13 N	3070. N	-87.3 ISOW
BH630616	63	12.50	145	37.40	3029.0	981895.13	AIA5	19.80	-83.50	0.00	2.20	-81.30	32.40 AA13 N	3041. T	-82.7 ISOW
BJ630617	63	13.30	145	38.80	2976.0	981899.24	AIA5	18.00	-83.50	0.00	2.50	-81.00	32.99 AA13 N	2996. T	-82.3 ISOW
BL630618	63	14.10	145	39.80	2861.0	981905.57	AIA5	12.50	-85.10	0.00	3.90	-81.20	33.19 AA13 N	2878. T	-84.0 ISOW
D-010619	63	2.50	145	30.30	2859.0	981905.22	AID7	26.10	-71.40	0.00	1.20	-70.20	36.93 AA14 N	2850. T	-71.9 ISOW
D-020620	63	3.10	145	31.20	3080.0	981892.83	AID7	33.80	-71.30	0.00	1.00	-70.30	37.23 AA14 N	3065. T	-72.1 ISOW
D-030621	63	3.60	145	33.10	3287.0	981879.74	AID7	39.60	-72.50	0.00	0.90	-71.60	36.12 AA14 N	3274. T	-73.3 ISOW
D-040622	63	3.70	145	34.70	3374.0	981878.18	AID7	46.10	-69.00	0.00	1.10	-67.90	39.80 AA14 N	3375. T	-68.9 ISOW
D-050623	63	4.40	145	35.50	3354.0	981878.04	AID7	43.20	-71.20	0.00	1.10	-70.10	38.00 AA14 N	3353. T	-71.2 ISOW
D-060624	63	5.00	145	36.40	3327.0	981878.91	AID7	40.80	-72.70	0.00	1.10	-71.60	37.00 AA14 N	3322. T	-73.0 ISOW
D-070625	63	5.50	145	37.40	3534.0	981870.61	AID7	51.40	-69.20	0.00	1.00	-68.20	40.60 AA14 N	3521. T	-69.9 ISOW
D-080626	63	5.10	145	39.20	3589.0	981869.48	AID7	55.90	-66.50	0.00	1.10	-65.40	42.97 AA14 N	3586. T	-66.7 ISOW

**Table 1.** Principal facts of gravity stations. -- Continued

GRAVITY STATION NAME	LATITUDE (DEG MIN)	LONGITUDE (DEG MIN)	ELEV (FT)	OBSERVED GRAVITY (MGAL)	ACC CODES	FAA (MGAL)	SBA (MGAL)	TERRAIN CORRECTION INNER (MGAL)	OUTER (MGAL)	CBA (MGAL)	ISOSTATIC ANOMALY (MGAL)	DATA SET CODES	SECONDARY ELEVATION AND ANOMALY	ISO-STATIC CODE
D-090627	63 4.70	145 40.90	3339.0	981888.11	AID7	51.50	-62.40	0.00	1.20	-61.20	46.85	AA14 N	3344. T -62.1	ISOW
D-100628	63 4.60	145 42.50	3268.0	981892.95	AID7	49.80	-61.70	0.00	1.70	-60.00	47.93	AA14 N	3264. T -61.9	ISOW
D-110629	63 3.70	145 43.50	3352.0	981889.13	AID7	55.00	-59.40	0.00	1.10	-58.30	48.81	AA14 N	3336. T -60.3	ISOW
D-120630	63 3.10	145 44.40	3619.0	981872.81	AID7	64.50	-58.90	0.00	1.30	-57.60	48.99	AA14 N	3615. T -59.1	ISOW
D-130631	63 3.20	145 46.80	3720.0	981865.69	AID7	66.80	-60.10	0.00	0.90	-59.20	47.37	AA14 N	3713. T -60.5	ISOW
D-140632	63 3.30	145 48.60	3556.0	981871.39	AID7	56.90	-64.40	0.00	0.70	-63.70	42.95	AA14 N	3552. T -64.6	ISOW
D-150633	63 3.10	145 49.90	3297.0	981885.70	AID7	47.10	-65.40	0.00	0.90	-64.50	41.94	AA14 N	3286. T -66.0	ISOW
D-160634	63 2.50	145 51.40	3167.0	981891.12	AID7	41.00	-67.00	0.00	0.80	-66.20	39.82	AA14 N	3172. T -66.7	ISOW
D-170636	63 2.60	145 53.20	2988.0	981903.14	AID7	36.10	-65.90	0.00	0.80	-65.10	41.00	AA14 N	2987. T -65.9	ISOW
D-180637	63 2.90	145 55.20	2907.0	981908.00	AID7	32.90	-66.20	0.00	0.90	-65.30	40.98	AA14 N	2925. U -65.1	ISOW
D-190638	63 3.00	145 57.20	2857.0	981911.12	AID7	31.20	-66.20	0.00	1.10	-65.10	41.26	AA14 N	2862. U -65.9	ISOW
D-200639	63 3.30	145 58.60	2791.0	981914.80	AIH7	28.30	-66.90	0.00	1.00	-65.90	40.65	AA14 N	2797. U -66.5	ISOW
D-210640	63 3.00	146 0.30	2821.0	981913.87	AID7	30.60	-65.60	0.00	1.00	-64.60	41.73	AA14 N	2827. U -65.3	ISOW
D-220641	63 2.80	146 2.00	2863.0	981912.57	AHD0	33.50	-64.20	0.00	0.90	-63.30	42.92	AA14 N	2862. U -64.2	ISOW
D-230642	63 3.20	146 3.40	2931.0	981907.45	AID0	34.30	-65.70	0.00	0.70	-65.00	41.42	AA14 N	2932. U -65.6	ISOW
D-240643	63 3.70	146 4.90	3106.0	981899.07	AID0	41.80	-64.20	0.00	0.70	-63.50	43.21	AA14 N	3063. U -66.7	ISOW
D-250644	63 4.30	146 6.40	3147.0	981894.44	AID0	40.20	-67.10	0.00	0.90	-66.20	41.01	AA14 N	3131. U -66.0	ISOW
D-260645	63 5.00	146 7.40	3253.0	981890.00	AID0	44.90	-66.00	0.00	1.40	-64.60	43.01	AA14 N	3242. U -66.7	ISOW
D-270646	63 4.50	146 8.90	3527.0	981873.55	AID0	54.90	-65.40	0.00	1.10	-64.30	42.90	AA14 N	3478. U -68.3	ISOW
D-280647	63 4.50	146 10.80	3618.0	981865.66	AID0	55.50	-67.90	0.00	0.90	-67.00	40.18	AA14 N	3618. U -67.8	ISOW
D-290648	63 4.40	146 12.60	3754.0	981856.21	BID0	59.00	-69.00	0.00	1.00	-68.00	39.07	AA14 N	3759. U -68.7	ISOW
D-300649	63 5.10	146 14.10	3755.0	981858.37	BID0	60.40	-67.70	0.00	1.00	-66.70	40.87	AA14 N	3760. U -67.3	ISOW
D-310650	63 5.40	146 15.50	3816.0	981855.59	AID0	63.00	-67.10	0.00	1.10	-66.00	41.76	AA14 N	3830. U -66.3	ISOW
D-320651	63 5.60	146 17.30	3834.0	981856.08	AID0	65.00	-65.80	0.00	1.10	-64.70	43.25	AA14 N	3847. U -65.0	ISOW
D-330652	63 5.40	146 19.00	3906.0	981851.49	BID0	67.40	-65.80	0.00	1.10	-64.70	43.04	AA14 N	3913. U -65.4	ISOW
D-340653	63 5.40	146 20.70	3986.0	981845.31	AID0	68.70	-67.20	0.00	1.10	-66.10	41.63	AA14 N	3993. U -66.7	ISOW
D-350654	63 5.20	146 22.70	4066.0	981838.84	AID0	70.00	-68.60	0.00	1.50	-67.10	40.41	AA14 N	4073. U -68.2	ISOW
D-360655	63 5.40	146 24.60	4031.0	981840.85	AID0	68.50	-69.00	0.00	1.60	-67.40	40.30	AA14 N	4043. U -68.2	ISOW
D-370656	63 5.40	146 25.90	3810.0	981850.33	AID0	57.20	-72.80	0.00	1.60	-71.20	36.49	AA14 N	3826. U -71.8	ISOW
D-380657	63 6.30	146 26.50	3485.0	981868.65	BGD0	43.80	-75.00	0.00	1.50	-73.50	34.90	AA14 N	3497. U -74.3	ISOW
D-230642	63 3.20	146 3.40	2931.0	981907.48	0	34.30	-65.70	0.00	0.70	-65.00	41.42	AA14 N	3775. R -15.0	ISOW
D 260645	63 5.00	146 7.40	3237.0	981889.94	AHT6	43.40	-67.00	0.00	1.40	-65.60	42.01	AA33 N	3253. B -66.1	ISOW
D 420835	63 7.19	146 31.95	2856.0	981899.93	AHT6	14.80	-82.60	0.00	1.10	-81.50	27.68	AA33 N	2875. B -81.4	ISOW
D42 0835	63 7.19	146 31.95	2875.0	981898.79	AAM6	15.50	-82.60	0.00	1.10	-81.50	27.68	AA67 N	0. R 0.0	ISOW
D57 1057	63 2.60	146 54.90	2980.0	981892.39	AAN6	24.60	-77.10	0.00	0.50	-76.60	28.66	AA67 N	2922. R -80.6	ISOW
D57 1057	63 2.60	146 54.90	2923.0	981892.44	AGY7	19.30	-80.40	0.00	0.50	-79.90	25.46	AA67 N	2980. N -77.0	ISOW
D42 0835	63 7.19	146 31.95	2875.0	981898.79	AAM7	15.50	-82.60	0.00	1.10	-81.50	27.68	AA67 N	2872. R -82.8	ISOW
D43 1043	63 7.10	146 33.50	3045.0	981891.82	AIY7	24.70	-79.20	0.00	0.90	-78.30	30.67	AA67 N	2960. N -84.3	ISOW
D44 1044	63 6.60	146 34.80	3115.0	981885.68	AIY7	25.70	-80.50	0.00	0.70	-79.80	28.85	AA67 N	3095. N -81.8	ISOW
D45 1045	63 6.20	146 36.30	3130.0	981883.28	AIY7	25.20	-81.60	0.00	0.70	-80.90	27.34	AA67 N	3300. N -71.4	ISOW
D46 1046	63 6.10	146 38.00	3180.0	981882.98	AIY7	29.70	-78.70	0.00	0.90	-77.80	30.32	AA67 N	3260. N -74.0	ISOW
D47 1047	63 6.20	146 39.80	3137.0	981887.74	AIY7	30.40	-76.70	0.00	0.70	-76.00	32.21	AA67 N	3150. N -75.9	ISOW
D49 1049	63 4.70	146 41.20	3115.0	981877.24	AIY7	19.60	-86.60	0.00	0.70	-85.90	21.18	AA67 N	3090. N -88.2	ISOW
D50 1050	63 4.10	146 42.60	3136.0	981869.88	AIY7	15.00	-92.00	0.00	0.40	-91.60	14.97	AA67 N	3170. N -90.0	ISOW
D51 1051	63 3.50	146 44.10	3130.0	981872.56	AIY7	17.80	-89.00	0.00	0.40	-88.60	17.55	AA67 N	3170. N -86.6	ISOW
D52 1052	63 3.20	146 45.90	3063.0	981876.00	AIY7	15.30	-89.20	0.00	0.70	-88.50	17.43	AA67 N	3040. N -90.6	ISOW
D53 1053	63 3.10	146 48.10	3128.0	981873.79	AIY7	19.40	-87.40	0.00	0.60	-86.80	19.02	AA67 N	3070. N -90.9	ISOW
D54 1054	63 2.80	146 49.80	3100.0	981876.61	BIY7	19.90	-85.80	0.00	0.40	-85.40	20.20	AA67 N	3100. N -85.9	ISOW
D55 1055	63 2.70	146 51.60	2991.0	981882.45	BIY7	15.60	-86.40	0.00	0.60	-85.80	19.69	AA67 N	2980. N -87.1	ISOW
D56 1056	63 2.50	146 53.20	2907.0	981889.30	AIY7	14.70	-84.40	0.00	0.50	-83.90	21.37	AA67 N	2950. N -81.8	ISOW
D57 1057	63 2.60	146 54.90	2980.0	981892.52	AAN6	24.70	-76.90	0.00	0.50	-76.40	28.86	AA67 N	2922. R -80.4	ISOW
D58 1058	63 3.10	146 56.50	2966.0	981895.24	BIY7	25.50	-75.70	0.00	0.60	-75.10	30.46	AA67 N	2995. N -73.9	ISOW
D59 1059	63 3.00	146 58.30	3110.0	981889.57	AIY7	33.60	-72.50	0.00	0.70	-71.80	33.65	AA67 N	3100. N -73.2	ISOW
D57 1057	63 2.60	146 54.90	2980.0	981892.37	AGN6	24.50	-77.10	0.00	0.50	-76.60	28.66	AA67 N	2922. R -80.6	ISOW
D47 1047	63 6.20	146 39.80	3150.0	981887.67	AIN6	31.40	-76.00	0.00	0.70	-75.30	32.91	AA67 N	0. R 0.0	ISOW
BZ631364	63 23.05	145 43.70	2496.0	981920.49	AGA5	-17.80	-102.90	0.00	5.60	-97.30	19.08	AB21 N	2496. R -102.9	ISOW
R2211521	63 26.80	145 48.00	2321.0	981929.74	AIB6	-29.50	-108.70	0.00	10.40	-98.30	17.08	AB21 N	2308. R -109.4	ISOW

**Table 1.** Principal facts of gravity stations. -- Continued

GRAVITY STATION NAME	LATITUDE (DEG MIN)	LONGITUDE (DEG MIN)	ELEV (FT)	OBSERVED GRAVITY (MGAL)	ACC CODES	FAA (MGAL)	SBA (MGAL)	TERRAIN CORRECTION INNER (MGAL)	OUTER (MGAL)	CBA (MGAL)	ISOSTATIC ANOMALY (MGAL)	DATA SET CODES	SECONDARY ELEVATION AND ANOMALY	ISO- STATIC CODE
BK641522	63 27.65	145 49.30	2268.0	981932.20	AIA6	-33.10	-110.40	0.00	10.50	-99.90	15.08	AB21 N	2250. R	-111.5 ISOW
R2251525	63 29.85	145 51.50	2333.0	981935.88	AIB6	-26.00	-105.50	0.00	6.50	-99.00	14.69	AB21 N	2313. R	-106.7 ISOW
R2241524	63 29.10	145 51.10	2321.0	981933.20	AIB6	-28.90	-108.00	0.00	7.20	-100.80	13.38	AB21 N	2302. R	-109.1 ISOW
R2231523	63 28.20	145 50.60	2303.0	981932.23	AIB6	-30.40	-109.00	0.00	7.90	-101.10	13.57	AB21 N	2286. R	-110.0 ISOW
R2221522	63 27.65	145 49.30	2264.0	981932.28	AIB6	-33.40	-110.60	0.00	10.60	-100.00	14.98	AB21 N	2254. R	-111.2 ISOW
BK641522	63 27.55	145 49.00	2268.0	981932.21	AIA6	-33.00	-110.30	0.00	10.50	-99.80	15.28	AB21 N	2251. R	-111.3 ISOW
R2211521	63 26.80	145 48.00	2321.0	981929.74	AIB6	-29.50	-108.70	0.00	10.40	-98.30	17.08	AB21 N	2307. R	-109.5 ISOW
R2201520	63 26.20	145 46.80	2355.0	981927.01	AIB6	-28.30	-108.70	0.00	10.30	-98.40	17.19	AB21 N	2349. R	-109.0 ISOW
R2191519	63 25.60	145 45.70	2418.0	981923.92	AIB6	-24.80	-107.30	0.00	8.40	-98.90	16.89	AB21 N	2410. R	-107.7 ISOW
R2181518	63 24.85	145 44.60	2429.0	981922.74	AIB6	-24.00	-106.90	0.00	8.70	-98.20	17.79	AB21 N	2426. R	-107.0 ISOW
R2171517	63 24.10	145 43.90	2487.0	981920.34	AIB6	-20.00	-104.90	0.00	6.50	-98.40	17.79	AB21 N	2489. R	-104.7 ISOW
R2161516	63 23.25	145 43.60	2480.0	981921.94	AIB6	-18.10	-102.70	0.00	5.80	-96.90	19.38	AB21 N	2479. R	-102.7 ISOW
BZ631364	63 23.05	145 43.70	2496.0	981920.49	AGA5	-17.80	-102.90	0.00	5.60	-97.30	19.08	AB21 N	2495. R	-102.9 ISOW
BZ631364	63 23.05	145 43.70	2496.0	981920.49	AGA5	-17.80	-102.90	0.00	5.60	-97.30	19.08	AB21 N	2495. R	-102.9 ISOW
R2151515	63 22.40	145 43.60	2498.0	981922.83	AIB6	-14.50	-99.70	0.00	5.50	-94.20	22.17	AB21 N	2510. R	-98.9 ISOW
R2141514	63 21.55	145 43.50	2476.0	981927.71	AIB6	-10.60	-95.10	0.00	5.80	-89.30	27.06	AB21 N	2482. R	-94.7 ISOW
R2131513	63 20.70	145 43.70	2501.0	981926.96	AIB6	-8.00	-93.30	0.00	5.80	-87.50	28.84	AB21 N	2514. R	-92.5 ISOW
R2121512	63 19.85	145 43.70	2509.0	981924.96	AIB6	-8.20	-93.80	0.00	6.20	-87.60	28.63	AB21 N	2519. R	-93.2 ISOW
R2111511	63 19.05	145 43.10	2532.0	981922.74	AIB6	-7.30	-93.70	0.00	7.40	-86.30	29.73	AB21 N	2550. R	-92.5 ISOW
R2101510	63 18.55	145 42.40	2580.0	981922.16	AIB6	-2.80	-90.70	0.00	7.10	-83.60	32.43	AB21 N	2587. R	-90.3 ISOW
R2091509	63 18.40	145 40.70	2608.0	981918.24	AIB6	-3.80	-92.80	0.00	13.90	-78.90	37.14	AB21 N	2633. R	-91.3 ISOW
R2081508	63 17.65	145 39.90	2655.0	981915.49	AIB6	-1.30	-91.80	0.00	14.00	-77.80	38.14	AB21 N	2683. R	-90.1 ISOW
R2071507	63 16.70	145 39.20	2693.0	981915.22	AIB6	3.20	-88.70	0.00	11.00	-77.70	37.94	AB21 N	2723. R	-86.8 ISOW
R2061506	63 16.15	145 40.00	2728.0	981914.38	AIB6	6.30	-86.70	0.00	6.40	-80.30	35.02	AB21 N	2751. R	-85.3 ISOW
R2051505	63 15.35	145 40.60	2768.0	981911.12	AIB6	7.80	-86.60	0.00	5.10	-81.50	33.40	AB21 N	2793. R	-85.1 ISOW
R2041504	63 14.45	145 40.20	2821.0	981907.08	AIB6	9.80	-86.40	0.00	4.40	-82.00	32.59	AB21 N	2850. R	-84.6 ISOW
R2031503	63 13.65	145 39.80	2885.0	981904.38	AIB6	14.10	-84.30	0.00	2.90	-81.40	32.69	AB21 N	2916. R	-82.4 ISOW
R2021502	63 13.15	145 38.70	2985.0	981899.30	AIB6	19.10	-82.70	0.00	2.30	-80.40	33.59	AB21 N	3015. R	-80.9 ISOW
R2011501	63 12.50	145 37.50	3025.0	981895.78	AIB6	20.10	-83.10	0.00	2.20	-80.90	32.79	AB21 N	3055. R	-81.2 ISOW
R2001500	63 12.20	145 35.70	3104.0	981886.60	AIB6	18.70	-87.10	0.00	2.10	-85.00	28.71	AB21 N	3136. R	-85.2 ISOW
R1991499	63 11.65	145 34.50	3222.0	981874.73	AIB6	18.60	-91.30	0.00	1.90	-89.40	24.01	AB21 N	3255. R	-89.2 ISOW
R1981498	63 11.30	145 32.70	3284.0	981865.94	AIB6	16.10	-95.90	0.00	1.80	-94.10	19.23	AB21 N	3320. R	-93.7 ISOW
BC630613	63 11.10	145 32.40	3270.0	981866.25	AGA5	15.30	-96.20	0.00	1.60	-94.60	18.63	AB21 N	3305. R	-94.1 ISOW
R2051505	63 15.35	145 40.60	2768.0	981911.15	AIB6	7.80	-86.60	0.00	5.10	-81.50	33.40	AB21 N	2797. R	-84.8 ISOW
R2101510	63 18.55	145 42.40	2580.0	981922.17	AIB6	-2.70	-90.70	0.00	7.10	-83.60	32.43	AB21 N	2591. R	-90.0 ISOW
BZ631364	63 23.05	145 45.70	2496.0	981920.49	AGA7	-17.80	-102.90	0.00	5.60	-97.30	18.95	AB21 N	0. R	0.0 ISOW
BK641522	63 27.55	145 49.00	2268.0	981932.18	AIA7	-33.00	-110.30	0.00	10.50	-99.80	15.28	AB21 N	0. R	0.0 ISOW
D 42	63 7.19	146 31.95	2888.0	981898.79	AGR7	16.70	-81.80	0.00	1.10	-80.70	28.48	AA72 N	0. R	0.0 ISOW
MR 1	63 6.55	146 31.60	2870.0	981897.20	AQJ7	14.20	-83.70	0.00	1.00	-82.70	25.97	AA72 N	2872. V	-83.5 ISOW
MR 2	63 6.10	146 30.60	2864.0	981895.98	AQJ7	13.00	-84.70	0.00	1.10	-83.60	24.77	AA72 N	2860. V	-84.9 ISOW
MR 3	63 5.45	146 31.20	2860.0	981893.24	AQJ7	10.60	-86.90	0.00	1.00	-85.90	21.96	AA72 N	2862. V	-86.8 ISOW
MR 4	63 4.85	146 30.90	2856.0	981892.12	AQJ7	9.90	-87.50	0.00	0.90	-86.60	20.85	AA72 N	2858. V	-87.4 ISOW
MR 5	63 4.15	146 30.80	2852.0	981889.24	AQJ7	7.50	-89.80	0.00	0.90	-88.90	18.05	AA72 N	2850. V	-89.9 ISOW
MR 6	63 3.45	146 30.50	2849.0	981887.30	AQJ7	6.10	-91.10	0.00	0.80	-90.30	16.14	AA72 N	2851. V	-90.9 ISOW
MR 7	63 2.65	146 30.60	2846.0	981886.83	AQJ7	6.30	-90.70	0.00	0.70	-90.00	15.93	AA72 N	2849. V	-90.6 ISOW
MR 8	63 1.95	146 30.60	2844.0	981888.32	AQJ7	8.50	-88.50	0.00	0.50	-88.00	17.42	AA72 N	2841. V	-88.6 ISOW
MR 9	63 1.40	146 30.00	2841.0	981889.59	AQJ7	10.10	-86.80	0.00	0.50	-86.30	18.71	AA72 N	2843. V	-86.6 ISOW
MR 9	63 1.40	146 30.00	2841.0	981889.59	AQJ7	10.10	-86.80	0.00	0.50	-86.30	18.71	AA72 N	2839. V	-86.8 ISOW
MR10	63 0.60	146 28.80	2834.0	981893.68	AQJ7	14.60	-82.10	0.00	0.50	-81.60	22.91	AA72 N	2831. V	-82.3 ISOW
BC63BASE	63 11.10	145 32.40	3270.0	981866.08	AAA5	15.20	-96.40	0.00	1.60	-94.80	18.43	AE57 N	3270. R	-96.4 ISOW
FP 1BASE	63 9.90	145 33.40	3211.0	981868.49	ADH6	13.50	-96.00	0.00	1.30	-94.70	17.70	AE57 N	3241. T	-94.2 ISOW
FP 2	63 9.20	145 33.90	3211.0	981861.49	ADH6	7.30	-102.20	0.00	1.30	-100.90	10.99	AE57 N	3238. T	-100.5 ISOW
FP 3	63 8.40	145 33.50	3211.0	981879.90	1DH6	26.70	-82.80	0.00	1.00	-81.80	29.48	AE57 N	3234. T	-81.4 ISOW
FP 4	63 7.70	145 33.70	3210.0	981884.15	ADH6	31.70	-77.70	0.00	0.90	-76.80	33.97	AE57 N	3237. T	-76.1 ISOW
FP 5	63 6.90	145 33.40	3211.0	981878.84	ADH6	27.50	-82.00	0.00	0.70	-81.30	28.96	AE57 N	3232. T	-80.7 ISOW

**Table 1.** Principal facts of gravity stations. -- Continued

GRAVITY STATION NAME	LATITUDE (DEG MIN)	LONGITUDE (DEG MIN)	ELEV (FT)	OBSERVED GRAVITY (MGAL)	ACC CODES	FAA (MGAL)	SBA (MGAL)	TERRAIN CORRECTION INNER (MGAL)	OUTER (MGAL)	CBA (MGAL)	ISOSTATIC ANOMALY (MGAL)	DATA SET CODES	SECONDARY ELEVATION AND ANOMALY	ISO-STATIC CODE
FP 6	63	6.00	145 33.50	3211.0	981877.00	ADH6	26.80	-82.80	0.00	0.70	-82.10	27.44 AE57 N	3231. T -81.5	ISOW
FP 7	63	5.50	145 32.30	3210.0	981880.12	1DH6	30.40	-79.10	0.00	0.70	-78.40	30.85 AE57 N	3235. T -77.6	ISOW
FP 8	63	4.70	145 32.50	3211.0	981884.44	ADH6	35.80	-73.70	0.00	0.70	-73.00	35.64 AE57 N	3237. T -72.1	ISOW
FP 9	63	4.20	145 33.60	3211.0	981883.14	ADH6	35.10	-74.40	0.00	0.90	-73.50	34.62 AE57 N	3235. T -73.0	ISOW
FP10	63	6.90	145 31.50	3210.0	981881.93	ADH6	30.50	-79.00	0.00	0.80	-78.20	32.18 AE57 N	3232. T -77.7	ISOW
FP11	63	8.10	145 32.30	3211.0	981879.44	ADH6	26.60	-82.90	0.00	0.90	-82.00	29.19 AE57 N	3232. T -81.6	ISOW
FP12	63	7.20	145 30.40	3210.0	981883.57	ACH6	31.80	-77.70	0.00	1.00	-76.70	33.99 AE57 N	3228. T -76.6	ISOW
BC63BASE	63	11.10	145 32.40	3270.0	981866.08	AAA5	15.20	-96.40	0.00	1.60	-94.80	18.43 AE57 N	3270. R -96.4	ISOW
FP14	63	14.25	145 37.10	3318.0	981874.29	ADT7	24.10	-89.10	0.00	3.90	-85.20	29.32 AE57 N	3450. N -81.2	ISOW
BC63	63	11.10	145 32.40	3270.0	981866.20	AAA5	15.30	-96.20	0.00	1.60	-94.60	18.63 AE56 N	0. R 0.0	ISOW
BC63	63	11.10	145 32.40	3270.0	981866.08	AAA5	15.20	-96.40	0.00	1.60	-94.80	18.43 AE56 N	3270. R -96.3	ISOW
FP18	63	19.30	146 53.00	4003.0	981835.74	ADU7	43.90	-92.70	0.00	4.50	-88.20	27.50 AE58 N	3901. J -98.8	ISOW
FP32	63	0.70	145 44.70	3077.0	981892.68	ADU7	36.30	-68.60	0.00	0.80	-67.80	37.16 AE59 N	3070. N -69.1	ISOW
FP33	63	7.40	145 38.00	3260.0	981876.05	ADU7	28.80	-82.40	0.00	0.80	-81.60	28.62 AE59 N	3281. N -81.2	ISOW
FP34	63	9.60	145 38.70	3427.0	981866.70	ADU7	32.40	-84.50	0.00	1.10	-83.40	28.24 AE59 N	3471. N -81.8	ISOW
FP35	63	12.20	145 44.70	3317.0	981882.71	ADU7	34.90	-78.20	0.00	1.00	-77.20	35.62 AE59 N	3331. N -77.4	ISOW
FP36	63	13.90	145 58.10	3171.0	981896.40	ADU7	32.80	-75.30	0.00	1.40	-73.90	39.50 AE59 N	3181. N -74.8	ISOW
FP37	63	9.10	146 5.50	3219.0	981906.82	ADU7	53.60	-56.20	0.00	4.80	-51.40	59.08 AE59 N	3218. H -56.3	ISOW
FP38	63	6.10	146 5.20	3216.0	981905.65	ADU7	55.80	-53.90	0.00	2.70	-51.20	57.24 AE59 N	3218. H -53.8	ISOW
FP39	63	7.80	146 15.20	3730.0	981872.59	ADU7	69.00	-58.20	0.00	5.50	-52.70	56.80 AE59 N	3687. H -60.8	ISOW
FP40	63	11.00	146 10.00	3863.0	981872.08	ADU7	77.10	-54.60	0.00	4.00	-50.60	60.98 AE59 N	3869. H -54.3	ISOW
FP41	63	11.20	146 20.70	3860.0	981879.31	ADU7	83.80	-47.80	0.00	2.10	-45.70	66.21 AE59 N	3869. M -47.3	ISOW
FP42	63	14.40	146 25.10	3660.0	981895.28	ADU7	77.10	-47.70	0.00	3.00	-44.70	69.52 AE59 N	3631. N -49.5	ISOW
FP43	63	14.40	146 32.60	2977.0	981935.32	ADU7	52.90	-48.70	0.00	3.60	-45.10	69.37 AE59 N	2965. H -49.4	ISOW
FP44	63	11.30	146 30.60	3102.0	981924.45	ADU7	57.50	-48.30	0.00	1.90	-46.40	65.84 AE59 N	3110. H -47.8	ISOW
FP49	63	0.30	146 20.10	3095.0	981882.21	ADU7	28.00	-77.50	0.00	0.40	-77.10	27.27 AE59 N	3080. M -78.4	ISOW
D 22	63	2.80	146 2.00	2863.0	981912.60	AJD7	33.50	-64.10	0.00	0.90	-63.20	43.02 AE60 N	2850. R -64.9	ISOW
FP65	63	2.10	146 3.20	2849.0	981915.62	AJH7	36.10	-61.10	0.00	0.80	-60.30	45.40 AE60 N	2825. T -62.5	ISOW
FP66	63	0.90	146 3.40	2851.0	981910.33	AJN7	32.40	-64.80	0.00	0.70	-64.10	40.78 AE60 N	2837. T -65.6	ISOW
FP69	63	3.20	145 59.80	2792.0	981914.96	AJH7	28.70	-66.50	0.00	1.00	-65.50	41.04 AE60 N	2793. T -66.4	ISOW
FP79	63	4.30	145 56.50	2792.0	981919.64	AJH7	32.00	-63.20	0.00	1.40	-61.80	45.49 AE60 N	2789. T -63.3	ISOW
FP71	63	5.30	145 57.00	2792.0	981923.08	AJH7	34.30	-61.00	0.00	1.90	-59.10	48.90 AE60 N	2786. T -61.3	ISOW
FP72	63	6.20	145 57.40	2791.0	981927.60	AJH7	37.60	-57.60	0.00	2.70	-54.90	53.70 AE60 N	2781. T -58.2	ISOW
D 22	63	2.80	146 2.00	2863.0	981912.61	AJD7	33.50	-64.10	0.00	0.90	-63.20	43.02 AE60 N	0. R 0.0	ISOW
FP79	62	55.60	145 31.70	2555.0	981912.50	ACH6	13.20	-73.90	0.00	1.40	-72.50	28.99 AE61 N	2540. T -74.7	ISOW
BC63	63	11.10	145 32.40	3270.0	981866.01	AAA5	15.10	-96.40	0.00	1.60	-94.80	18.43 AE61 N	3292. T -95.1	ISOW
BC63	63	11.10	145 32.40	3270.0	981866.08	AAA5	15.20	-96.40	0.00	1.60	-94.80	18.43 AE61 N	3270. T -96.4	ISOW
BC63	63	11.10	145 32.40	3270.0	981865.86	AAA5	15.00	-96.60	0.00	1.60	-95.00	18.23 AE61 N	3288. T -95.5	ISOW
FP90	63	11.50	145 38.80	2974.0	981895.15	ACH6	15.90	-85.50	0.00	1.90	-83.60	29.37 AE61 N	2959. T -86.4	ISOW
FP91	63	10.10	145 39.40	2975.0	981899.54	ACH6	22.10	-79.40	0.00	1.80	-77.60	34.44 AE61 N	2964. T -80.0	ISOW
FP92	63	9.30	145 41.60	2974.0	981893.14	ACH6	16.60	-84.90	0.00	1.30	-83.60	27.71 AE61 N	2959. T -85.7	ISOW
FP93	63	9.60	145 44.00	2975.0	981895.67	ACH6	18.80	-82.60	0.00	1.40	-81.20	30.19 AE61 N	2959. T -83.6	ISOW
FP94	63	10.50	145 41.50	2974.0	981900.21	ACH6	22.20	-79.30	0.00	2.10	-77.20	34.93 AE61 N	2963. R -79.9	ISOW
BC63	63	11.10	145 32.40	3270.0	981866.08	AAA5	15.20	-96.40	0.00	1.60	-94.80	18.43 AE61 N	3270. R -96.4	ISOW
BC63	63	11.10	145 32.40	3270.0	981865.88	AAA5	15.00	-96.60	0.00	1.60	-95.00	18.23 AE61 N	3270. R -96.6	ISOW
BC63	63	11.10	145 32.40	3270.0	981866.08	AA@5	15.20	-96.40	0.00	1.60	-94.80	18.43 AR32 N	3290. R -95.1	ISOW
BC63	63	11.10	145 32.40	3270.0	981866.12	AA@5	15.20	-96.30	0.00	1.60	-94.70	18.53 AR32 N	3382. R -89.6	ISOW
JB50	63	8.40	145 57.40	2809.0	981922.75	DDW6	31.80	-64.00	0.00	5.40	-58.60	51.53 AR32 N	2810. N -64.0	ISOW
JB52	63	16.30	145 51.25	3899.0	981839.54	ADW6	41.60	-91.40	0.00	5.50	-85.90	28.40 AR32 N	3879. @ -92.7	ISOW
JB52	63	16.30	145 51.25	4001.0	981839.54	ADW6	51.20	-85.30	0.00	5.50	-79.80	34.50 AR32 N	3879. @ -92.7	ISOW
H03A803A	63	29.65	146 25.30	5360.0	981742.63	ADU7	66.00	-116.90	0.00	12.80	-104.10	13.42 BD07 N	5250. N -123.5	ISOW
H03C803C	63	24.72	146 16.60	5667.0	981716.92	ADU7	75.10	-118.20	0.00	11.00	-107.20	9.91 BD07 N	5600. N -122.2	ISOW
H03D803D	63	28.59	146 9.05	5307.0	981742.85	ADU7	62.50	-118.50	0.00	11.80	-106.70	8.72 BD07 N	5250. G -122.0	ISOW
H03E803E	63	25.91	146 4.70	5352.0	981742.21	ADU7	69.30	-113.30	0.00	10.40	-102.90	12.71 BD07 N	5305. G -116.1	ISOW
H03F803F	63	27.53	145 55.40	5437.0	981749.16	ADU7	82.30	-103.10	0.00	12.50	-90.60	23.61 BD07 N	5300. P -111.4	ISOW
H04J804J	63	20.18	145 31.25	4314.0	981819.96	AUU7	56.30	-90.90	0.00	9.20	-81.70	34.97 BD08 N	4310. N -91.1	ISOW
H04K804K	63	20.93	145 39.35	4082.0	981838.54	AUU7	52.20	-87.10	0.00	6.10	-81.00	35.09 BD08 N	3950. N -95.0	ISOW

**Table 1.** Principal facts of gravity stations. -- Continued

GRAVITY STATION NAME	LATITUDE (DEG MIN)	LONGITUDE (DEG MIN)	ELEV (FT)	OBSERVED GRAVITY (MGAL)	ACC CODES	FAA (MGAL)	SBA (MGAL)	TERRAIN CORRECTION INNER (MGAL)	OUTER (MGAL)	CBA (MGAL)	ISOSTATIC ANOMALY (MGAL)	DATA SET CODES	SECONDARY ELEVATION AND ANOMALY	ISO-STATIC CODE
H12J812J	63 28.02	146 58.90	4519.0	981795.33	ACU7	41.50	-112.70	0.00	4.40	-108.30	9.78	BD10 N	4525. N -112.3	ISOW
D42 0835	63 7.19	146 31.95	2875.0	981898.79	AAM6	15.50	-82.60	0.00	1.50	-81.10	27.90	AA67 N	0. R 0.0	ISOW
D42 0835	63 7.19	146 31.95	2875.0	981898.79	AAM7	15.50	-82.60	0.00	1.50	-81.10	27.90	AA67 N	2872. R -82.8	ISOW
LL270187	62 30.20	146 40.50	2361.0	981929.51	AIH6	43.30	-37.20	0.00	0.00	-37.20	55.20	AA05 N	0. 0.0	ISOW
BJ610520	62 30.60	145 30.30	1958.0	981932.18	AIA5	7.50	-59.20	0.00	-0.10	-59.30	27.00	AA12 N	1963. T -58.9	ISOW
A2920521	62 31.10	145 30.80	1964.0	981934.69	AIT6	10.10	-57.00	0.00	-0.10	-57.10	29.30	AA12 N	1940. M -58.4	ISOW
A2930522	62 31.70	145 30.70	1906.0	981941.41	AIT6	10.60	-54.50	0.00	-0.10	-54.60	32.10	AA12 N	1910. N -54.3	ISOW
A2940523	62 32.10	145 30.90	1943.0	981940.47	AIT6	12.60	-53.70	0.00	-0.10	-53.80	33.00	AA12 N	1955. M -53.0	ISOW
BK610524	62 32.30	145 30.80	1948.0	981940.59	AIA5	12.90	-53.50	0.00	-0.10	-53.60	33.30	AA12 N	1955. T -53.1	ISOW
A2950525	62 32.70	145 30.50	1960.0	981940.30	AIT6	13.30	-53.60	0.00	-0.10	-53.70	33.30	AA12 N	1955. M -53.9	ISOW
B-N80526	62 33.10	145 30.30	1970.0	981938.71	AIA5	12.10	-55.10	0.00	-0.10	-55.20	32.10	AA12 N	1978. T -54.6	ISOW
A3450585	62 55.90	145 30.20	2678.0	981903.46	AIT6	15.50	-75.90	0.00	0.80	-75.10	26.70	AA13 N	2650. M -77.6	ISOW
BR620586	62 56.10	145 30.30	2648.0	981906.38	AIA5	15.30	-75.10	0.00	0.80	-74.30	27.70	AA13 N	2649. T -74.9	ISOW
A3460587	62 56.40	145 30.60	2630.0	981912.86	AIT6	19.70	-70.00	0.00	0.90	-69.10	33.10	AA13 N	2610. N -71.2	ISOW
BS620588	62 56.60	145 30.60	2657.0	981912.33	AIA5	21.40	-69.20	0.00	0.90	-68.30	34.00	AA13 N	2659. T -69.1	ISOW
A3470589	62 56.90	145 30.70	2608.0	981917.96	AIT6	22.10	-66.90	0.00	1.10	-65.80	36.80	AA13 N	2600. N -67.3	ISOW
BX620590	62 57.30	145 30.50	2576.0	981921.77	AGA5	22.40	-65.50	0.00	1.60	-63.90	39.00	AA13 N	2578. R -65.3	ISOW
A3480591	62 57.70	145 30.50	2577.0	981925.35	AIT6	25.70	-62.30	0.00	1.80	-60.50	42.70	AA13 N	2580. N -62.1	ISOW
BY620592	62 58.20	145 30.50	2586.0	981925.48	AIA5	25.90	-62.30	0.00	2.00	-60.30	43.40	AA13 N	2585. T -62.3	ISOW
A3490593	62 58.60	145 30.30	2589.0	981923.92	AIT6	24.30	-64.10	0.00	2.10	-62.00	42.10	AA13 N	2590. N -64.1	ISOW
A3500594	62 59.00	145 30.10	2567.0	981923.92	AIT6	21.60	-65.90	0.00	2.20	-63.70	40.70	AA13 N	2580. N -65.1	ISOW
BZ620595	62 59.30	145 30.10	2599.0	981923.76	AIA5	24.10	-64.50	0.00	1.90	-62.60	42.10	AA13 N	2599. T -64.5	ISOW
BX620590	62 57.30	145 30.50	2576.0	981921.69	AGA5	22.30	-65.50	0.00	1.60	-63.90	39.00	AA13 N	2576. R -65.5	ISOW
BX620590	62 57.30	145 30.50	2576.0	981921.55	AGA5	22.20	-65.70	0.00	1.60	-64.10	38.80	AA13 N	2585. R -65.1	ISOW
FS-70665	62 36.90	146 48.10	2479.0	981924.90	AIU7	41.60	-43.00	0.00	0.00	-43.00	51.50	AA15 N	2490. H -42.4	ISOW
FS-80666	62 43.80	146 48.20	2698.0	981893.46	AIU7	22.20	-69.90	0.00	0.70	-69.20	27.20	AA15 N	2625. H -74.2	ISOW
FS-90667	62 37.90	146 33.90	2443.0	981928.96	AIU7	41.00	-42.30	0.00	0.00	-42.30	51.00	AA15 N	2436. H -42.8	ISOW
FR-30769	62 31.00	145 55.40	2183.0	981927.24	AGU7	23.30	-51.20	0.00	-0.10	-51.30	35.80	AA29 N	2140. H -53.8	ISOW
FR-40770	62 33.10	145 55.60	2170.0	981936.50	AGU7	28.70	-45.30	0.00	-0.10	-45.40	42.40	AA29 N	2170. H -45.3	ISOW
FR-50771	62 36.10	145 50.90	2016.0	981949.57	AGU7	23.60	-45.10	0.00	-0.10	-45.20	43.60	AA29 N	2024. H -44.7	ISOW
FR-60772	62 40.50	145 53.60	2182.0	981931.36	AGU7	15.60	-58.80	0.00	0.00	-58.80	32.50	AA29 N	2147. H -61.0	ISOW
FR-70773	62 47.10	145 52.20	2693.0	981927.13	AGU7	51.30	-40.50	0.00	0.80	-39.70	55.60	AA29 N	2690. M -40.7	ISOW
FR-80774	62 55.50	146 7.40	2884.0	981886.40	AGU7	18.20	-80.10	0.00	0.30	-79.80	21.40	AA29 N	2870. H -81.0	ISOW
FR-90775	62 55.50	146 32.20	2883.0	981881.99	AGU7	13.80	-84.60	0.00	0.40	-84.20	17.20	AA29 N	2867. H -85.6	ISOW
FR100776	62 49.70	146 35.50	2997.0	981884.79	AGU7	34.40	-67.80	0.00	2.40	-65.40	33.00	AA29 N	2996. H -67.9	ISOW
FR110777	62 42.70	146 18.20	2467.0	981929.19	AGU7	37.60	-46.60	0.00	0.20	-46.40	47.80	AA29 N	2477. H -46.0	ISOW
FR120778	62 34.60	146 17.00	2657.0	981923.40	AGU7	59.70	-31.00	0.00	0.00	-31.00	59.50	AA29 N	2668. H -30.4	ISOW
FB 60903	62 34.40	146 11.30	2668.0	981922.84	AJU7	60.40	-30.60	0.00	0.00	-30.60	59.20	AA57 N	2641. H -32.3	ISOW
FB 70904	62 34.50	146 30.80	2540.0	981918.19	AJM7	43.50	-43.10	0.00	0.10	-43.00	49.00	AA57 N	0. U 0.0	ISOW
/BRA0905	62 34.80	146 28.90	3129.0	981883.62	AJA7	64.00	-42.70	0.00	1.90	-40.80	51.00	AA57 N	3120. U -43.2	ISOW
FB270906	62 35.40	146 29.70	3157.0	981883.62	AJU7	65.90	-41.80	0.00	2.90	-38.90	53.10	AA57 N	3170. M -41.0	ISOW
FB 80907	62 31.30	146 43.00	2357.0	981930.56	AJU7	42.70	-37.70	0.00	0.20	-37.50	55.40	AA57 N	2361. H -37.6	ISOW
FB 90908	62 30.80	146 57.90	2573.0	981917.19	AJU7	50.20	-37.60	0.00	0.00	-37.60	57.70	AA57 N	2565. H -38.1	ISOW
FRV10927	62 32.40	145 41.80	2079.0	981924.58	AIU7	9.10	-61.80	0.00	-0.10	-61.90	24.80	AA59 N	2110. M -60.0	ISOW
MR11	62 59.95	146 27.80	2828.0	981891.24	AQJ7	12.30	-84.10	0.00	0.40	-83.70	20.40	AA72 N	2836. V -83.6	ISOW
MR12	62 59.30	146 28.80	2821.0	981882.16	AQJ7	3.40	-92.80	0.00	0.20	-92.60	11.10	AA72 N	2814. V -93.2	ISOW
MR13	62 59.00	146 29.80	2810.0	981878.61	AQJ7	-0.80	-96.70	0.00	0.20	-96.50	7.00	AA72 N	2810. V -96.6	ISOW
MR14	62 58.65	146 31.60	2796.0	981877.92	AQJ7	-2.40	-97.80	0.00	0.20	-97.60	5.70	AA72 N	2795. V -97.8	ISOW
MR15	62 58.05	146 31.60	2781.0	981876.95	AQJ7	-4.00	-98.90	0.00	0.20	-98.70	4.10	AA72 N	2777. V -99.1	ISOW
MR16	62 57.30	146 31.20	2762.0	981881.41	AQJ7	-0.50	-94.70	0.00	0.20	-94.50	8.00	AA72 N	2764. V -94.5	ISOW
MR17	62 56.90	146 32.10	2747.0	981884.64	AQJ7	1.90	-91.80	0.00	0.30	-91.50	10.70	AA72 N	2739. V -92.3	ISOW
MR18	62 56.85	146 34.10	2734.0	981885.72	AQJ7	1.80	-91.50	0.00	0.30	-91.20	11.00	AA72 N	2733. V -91.5	ISOW
MR19	62 56.80	146 35.20	2720.0	981884.17	AQJ7	-1.00	-93.80	0.00	0.30	-93.50	8.70	AA72 N	2726. V -93.4	ISOW
MR19	62 56.80	146 35.20	2720.0	981883.95	AQJ0	-1.30	-94.00	0.00	0.30	-93.70	8.50	AA73 N	2709. U -94.7	ISOW
MR20	62 56.35	146 36.70	2704.0	981880.35	AQJ0	-5.80	-98.00	0.00	0.40	-97.60	4.30	AA73 N	2693. U -98.7	ISOW
MR21	62 55.85	146 38.20	2687.0	981879.28	AQJ0	-7.90	-99.50	0.00	0.40	-99.10	2.40	AA73 N	2676. U -100.2	ISOW
MR22	62 55.70	146 39.70	2667.0	981876.52	AQJ0	-12.30	-103.30	0.00	0.50	-102.80	-1.30	AA73 N	2656. U -103.9	ISOW

**Table 1.** Principal facts of gravity stations. -- Continued

GRAVITY STATION NAME	LATITUDE (DEG MIN)	LONGITUDE (DEG MIN)	ELEV (FT)	OBSERVED GRAVITY (MGAL)	ACC CODES	FAA (MGAL)	SBA (MGAL)	TERRAIN CORRECTION INNER (MGAL)	OUTER (MGAL)	CBA (MGAL)	ISOSTATIC ANOMALY (MGAL)	DATA SET CODES	SECONDARY ELEVATION AND ANOMALY	ISO-STATIC CODE
MR23	62 55.55	146 41.00	2648.0	981875.23	AQJ0	-15.20	-105.50	0.00	0.60	-104.90	-3.50	AA73 N	2636. U -106.2	ISOW
MR24	62 55.65	146 42.40	2615.0	981886.01	AQJ0	-7.70	-96.90	0.00	0.80	-96.10	5.40	AA73 N	2603. U -97.5	ISOW
MR25	62 55.15	146 43.20	2595.0	981875.88	AQJ0	-19.10	-107.60	0.00	0.70	-106.90	-5.70	AA73 N	2584. U -108.2	ISOW
MR26	62 54.45	146 44.40	2547.0	981880.05	AQJ0	-18.60	-105.40	0.00	0.70	-104.70	-3.70	AA73 N	2536. U -106.1	ISOW
MR27	62 54.30	146 46.00	2516.0	981879.48	AQJ0	-21.90	-107.70	0.00	0.80	-106.90	-6.10	AA73 N	2503. U -108.4	ISOW
MR28	62 54.10	146 48.50	2496.0	981877.30	AQJ0	-25.70	-110.80	0.00	0.60	-110.20	-9.50	AA73 N	2484. U -111.5	ISOW
MR29	62 53.70	146 50.30	2473.0	981877.58	AQJ0	-27.10	-111.40	0.00	0.50	-110.90	-10.40	AA73 N	2460. U -112.2	ISOW
MR29	62 53.70	146 50.30	2472.0	981877.58	AQJ0	-27.10	-111.40	0.00	0.50	-110.90	-10.40	AA73 N	2460. U -112.2	ISOW
MR30	62 53.30	146 50.90	2458.0	981879.58	AQJ0	-26.00	-109.80	0.00	0.50	-109.30	-8.90	AA73 N	2445. U -110.6	ISOW
MR31	62 53.00	146 52.50	2443.0	981881.68	AQJ0	-24.90	-108.30	0.00	0.50	-107.80	-7.50	AA73 N	2430. U -109.0	ISOW
MR32	62 53.10	146 54.10	2432.0	981881.99	AQJ0	-25.80	-108.70	0.00	0.50	-108.20	-7.90	AA73 N	2418. U -109.5	ISOW
MR33	62 52.90	146 55.70	2422.0	981884.86	AQJ0	-23.60	-106.20	0.00	0.40	-105.80	-5.60	AA73 N	2409. U -107.0	ISOW
MR34	62 52.60	146 56.80	2401.0	981887.39	AQJ0	-22.70	-104.60	0.00	0.40	-104.20	-4.10	AA73 N	2387. U -105.4	ISOW
MR35	62 52.15	146 58.20	2380.0	981893.42	AQJ0	-18.10	-99.30	0.00	0.50	-98.80	1.20	AA73 N	2367. U -100.0	ISOW
MR36	62 51.65	146 59.60	2369.0	981899.26	AQJ0	-12.70	-93.50	0.00	0.50	-93.00	6.90	AA73 N	2356. U -94.2	ISOW
MR64	62 40.15	146 58.70	2351.0	981926.99	AQJ7	27.50	-52.70	0.00	0.30	-52.40	43.90	AA74 N	2339. U -53.3	ISOW
MR65	62 39.55	146 56.30	2352.0	981927.32	AQJ7	28.70	-51.50	0.00	0.20	-51.30	44.70	AA74 N	2341. U -52.1	ISOW
MR65	62 39.55	146 56.30	2335.0	981926.80	AQJ7	26.60	-53.10	0.00	0.20	-52.90	43.10	AA75 N	2324. S -53.7	ISOW
MR66	62 39.00	146 55.30	2339.0	981931.13	AQJ7	32.00	-47.80	0.00	0.10	-47.70	48.10	AA75 N	2327. S -48.5	ISOW
MR67	62 38.85	146 53.80	2336.0	981930.12	AQJ7	30.80	-48.80	0.00	0.10	-48.70	46.90	AA75 N	2324. S -49.5	ISOW
MR68	62 38.60	146 52.30	2345.0	981928.07	AQJ7	30.00	-50.00	0.00	0.20	-49.80	45.60	AA75 N	2333. S -50.7	ISOW
MR69	62 37.90	146 52.20	2350.0	981928.15	AQJ7	31.40	-48.80	0.00	0.00	-48.80	46.30	AA75 N	2338. S -49.4	ISOW
MR70	62 37.15	146 52.30	2350.0	981933.49	AQJ7	37.60	-42.50	0.00	0.00	-42.50	52.50	AA75 N	2340. S -43.1	ISOW
MR71	62 36.40	146 52.90	2354.0	981934.55	AQJ7	40.00	-40.30	0.00	0.00	-40.30	54.70	AA75 N	2343. S -40.9	ISOW
MR72	62 35.55	146 53.00	2364.0	981933.65	AQJ7	41.10	-39.50	0.00	0.00	-39.50	55.40	AA75 N	2353. S -40.2	ISOW
MR73	62 35.00	146 51.80	2364.0	981933.74	AQJ7	41.90	-38.80	0.00	0.00	-38.80	55.80	AA75 N	2352. S -39.4	ISOW
MR74	62 34.45	146 50.00	2371.0	981938.13	AQJ7	47.60	-33.30	0.00	0.10	-33.20	61.10	AA75 N	2359. S -33.9	ISOW
MR75	62 33.65	146 48.30	2362.0	981937.25	AQJ7	46.90	-33.70	0.00	0.10	-33.60	60.30	AA75 N	2350. S -34.4	ISOW
MR76	62 33.25	146 46.80	2374.0	981935.22	AQJ7	46.40	-34.50	0.00	0.30	-34.20	59.50	AA75 N	2362. S -35.2	ISOW
MR77	62 32.60	146 46.50	2368.0	981935.28	AQH7	46.70	-34.00	0.00	0.20	-33.80	59.70	AA75 N	2356. S -34.7	ISOW
MR78	62 31.70	146 46.80	2365.0	981933.71	AQH7	46.00	-34.70	0.00	0.00	-34.70	58.70	AA75 N	2352. S -35.4	ISOW
MR79	62 31.45	146 45.00	2362.0	981933.43	AQH7	45.80	-34.80	0.00	0.10	-34.70	58.50	AA75 N	0. 0.0	ISOW
MR80	62 31.30	146 43.10	2362.0	981930.74	AIH7	43.20	-37.30	0.00	0.20	-37.10	55.80	AA75 N	0. 0.0	ISOW
LE19	62 30.20	145 46.90	2088.0	981927.04	AQR7	15.10	-56.10	0.00	-0.20	-56.30	29.80	AA80 N	2090. T -55.9	ISOW
LE20	62 30.05	145 48.10	2084.0	981929.43	AQT7	17.30	-53.80	0.00	-0.20	-54.00	32.10	AA80 N	2086. T -53.6	ISOW
LE21	62 30.70	145 49.80	2019.0	981936.20	AQT7	17.20	-51.70	0.00	-0.10	-51.80	34.70	AA80 N	2024. T -51.4	ISOW
LE22	62 31.60	145 49.10	2015.0	981935.22	AQT7	14.70	-54.00	0.00	-0.10	-54.10	32.60	AA80 N	2021. T -53.6	ISOW
LE22	62 31.60	145 49.10	2015.0	981935.22	AQH7	14.70	-54.00	0.00	-0.10	-54.10	32.60	AA80 N	2020. T -53.7	ISOW
LE23	62 32.30	145 51.90	2015.0	981939.69	AQH7	18.30	-50.40	0.00	-0.10	-50.50	36.70	AA80 N	2017. T -50.3	ISOW
LE24	62 33.35	145 52.40	2015.0	981940.26	AJH7	17.60	-51.20	0.00	-0.10	-51.30	36.30	AA80 N	2008. T -51.5	ISOW
LE25	62 34.20	145 53.00	2015.0	981943.34	AQH7	19.60	-49.10	0.00	-0.10	-49.20	38.90	AA80 N	2017. T -48.9	ISOW
LE26	62 34.95	145 53.10	2014.0	981947.11	AQJ7	22.30	-46.30	0.00	-0.10	-46.40	42.00	AA80 N	2014. T -46.3	ISOW
LE27	62 35.35	145 52.00	2009.0	981949.76	AQJ7	24.00	-44.50	0.00	-0.10	-44.60	43.90	AA80 N	2008. T -44.5	ISOW
LE28	62 35.15	145 50.30	2002.0	981947.22	AQJ7	21.10	-47.20	0.00	-0.10	-47.30	41.00	AA80 N	2012. T -46.5	ISOW
LE29	62 35.60	145 48.90	1994.0	981949.49	AQJ7	22.00	-46.00	0.00	-0.10	-46.10	42.30	AA80 N	1986. T -46.4	ISOW
LE30	62 35.65	145 48.60	1983.0	981948.96	AQJ7	20.40	-47.20	0.00	-0.10	-47.30	41.10	AA80 N	1988. T -46.9	ISOW
LE30	62 35.65	145 48.60	1936.0	981947.69	AQJ7	14.70	-51.30	0.00	-0.10	-51.40	37.00	AA81 N	1985. T -48.3	ISOW
LE31	62 35.70	145 47.10	1973.0	981944.07	AQJ7	14.50	-52.80	0.00	0.00	-52.80	35.50	AA81 N	1971. T -52.8	ISOW
LE32	62 35.45	145 45.30	1955.0	981940.28	AQJ7	9.40	-57.30	0.00	0.00	-57.30	31.00	AA81 N	1955. T -57.3	ISOW
LE33	62 35.10	145 43.90	1947.0	981940.14	AQJ7	8.90	-57.50	0.00	0.00	-57.50	30.50	AA81 N	2952. T 2.8	ISOW
LE34	62 35.15	145 41.70	1935.0	981941.52	AQJ7	9.10	-56.90	0.00	0.00	-56.90	31.10	AA81 N	1935. T -56.9	ISOW
LE35	62 35.05	145 39.90	1931.0	981943.33	AQJ7	10.60	-55.20	0.00	0.00	-55.20	32.70	AA81 N	1931. T -55.2	ISOW
LE36	62 34.70	145 38.40	1905.0	981944.03	AQJ7	9.30	-55.60	0.00	0.00	-55.60	32.10	AA81 N	1905. T -55.6	ISOW
LE37	62 34.15	145 36.50	1904.0	981944.15	AQJ7	10.00	-54.90	0.00	0.00	-54.90	32.50	AA81 N	1904. T -54.9	ISOW
LE38	62 34.15	145 34.60	1890.0	981946.05	AQJ7	10.60	-53.80	0.00	0.00	-53.80	33.70	AA81 N	1890. T -53.8	ISOW
LE39	62 33.60	145 33.70	1882.0	981946.63	AQJ7	11.10	-53.10	0.00	0.00	-53.10	34.20	AA81 N	1881. T -53.1	ISOW
LE40	62 32.90	145 32.70	1882.0	981947.73	AQJ7	13.10	-51.10	0.00	-0.10	-51.20	35.80	AA81 N	1871. T -51.7	ISOW

**Table 1.** Principal facts of gravity stations. -- Continued

GRAVITY STATION NAME	LATITUDE (DEG MIN)	LONGITUDE (DEG MIN)	ELEV (FT)	OBSERVED GRAVITY (MGAL)	ACC CODES	FAA (MGAL)	SBA (MGAL)	TERRAIN CORRECTION INNER (MGAL)	OUTER (MGAL)	CBA (MGAL)	ISOSTATIC ANOMALY (MGAL)	DATA SET CODES	SECONDARY ELEVATION AND ANOMALY	ISO-STATIC CODE
LE41	62 32.10	145 32.40	1861.0	981944.30	AQJ7	8.70	-54.80	0.00	0.00	-54.80	32.00	AA81 N	1860. T -54.8	ISOW
SOUR	62 31.80	145 30.90	1884.0	981943.71	AQJ7	10.60	-53.60	0.00	-0.10	-53.70	33.00	AA81 N	1889. T -53.3	ISOW
FC06	62 38.55	145 31.90	2181.0	981918.05	AIU7	4.60	-69.80	0.00	0.00	-69.80	19.90	AC16 N	2196. H -68.9	ISOW
FC07	62 42.45	145 34.40	2460.0	981888.99	AIU7	-3.00	-86.90	0.00	0.00	-86.90	5.00	AC16 N	2465. H -86.7	ISOW
FC08	62 43.20	145 50.30	2555.0	981902.56	AIU7	18.60	-68.60	0.00	0.20	-68.40	24.30	AC16 N	2508. H -71.4	ISOW
FC09	62 40.40	146 2.20	2149.0	981943.26	AIU7	24.50	-48.80	0.00	0.10	-48.70	43.10	AC16 N	2166. H -47.8	ISOW
FC10	62 40.95	146 14.20	2381.0	981928.46	AIU7	30.90	-50.30	0.00	0.00	-50.30	42.70	AC16 N	2360. H -51.6	ISOW
FC11	62 41.65	146 24.40	2420.0	981927.78	AIU7	33.00	-49.60	0.00	0.10	-49.50	44.60	AC16 N	2415. H -49.9	ISOW
FC12	62 39.40	146 29.80	2368.0	981931.91	AIU7	35.00	-45.80	0.00	0.00	-45.80	47.80	AC16 N	2395. H -44.2	ISOW
FC13	62 41.90	146 38.20	2701.0	981893.54	AIU7	24.90	-67.30	0.00	0.10	-67.20	27.90	AC16 N	2752. M -64.2	ISOW
FC14	62 44.85	146 42.10	2655.0	981908.08	AIU7	31.50	-59.10	0.00	0.50	-58.60	37.90	AC16 N	2663. H -58.6	ISOW
FC21	62 38.25	145 39.40	2097.0	981928.59	AIU7	7.60	-63.90	0.00	0.00	-63.90	25.60	AC17 N	2080. H -65.0	ISOW
FC22	62 37.40	145 45.00	2115.0	981932.70	AIU7	14.50	-57.70	0.00	-0.10	-57.80	31.30	AC17 N	2098. H -58.7	ISOW
FC23	62 32.10	145 35.20	2064.0	981925.53	AIU7	9.10	-61.30	0.00	-0.10	-61.40	25.30	AC17 N	2068. H -61.2	ISOW
FC24	62 31.45	145 44.10	2083.0	981925.15	AIU7	11.20	-59.80	0.00	-0.20	-60.00	26.50	AC17 N	2120. M -57.6	ISOW
FC25	62 34.15	145 47.00	2071.0	981929.43	AIU7	11.10	-59.60	0.00	-0.10	-59.70	28.00	AC17 N	2083. H -58.9	ISOW
FC26	62 30.10	145 55.20	2130.0	981930.94	AIU7	23.20	-49.50	0.00	-0.10	-49.60	37.20	AC17 N	2093. H -51.9	ISOW
FC28	62 31.15	146 0.40	2198.0	981935.30	AIU7	32.60	-42.40	0.00	0.00	-42.40	45.10	AC17 N	2183. H -43.3	ISOW
FC29	62 31.70	146 6.10	2665.0	981908.29	AIU7	48.80	-42.10	0.00	0.00	-42.10	46.20	AC17 N	2638. H -43.7	ISOW
FC30	62 33.50	146 6.00	2669.0	981921.26	AIU7	59.90	-31.10	0.00	0.00	-31.10	57.80	AC17 N	2670. M -31.0	ISOW
FC31	62 36.25	146 5.50	2654.0	981925.49	AI47	59.40	-31.10	0.00	0.10	-31.00	59.00	AC17 N	2640. M -32.0	ISOW
FC32	62 34.90	146 21.80	2646.0	981925.49	AIU7	60.40	-29.90	0.00	0.00	-29.90	61.30	AC17 N	2670. M -28.5	ISOW
FC33	62 32.00	146 14.20	2702.0	981906.25	AIU7	50.00	-42.20	0.00	0.00	-42.20	47.20	AC17 N	2720. M -41.2	ISOW
FC37	62 31.75	146 23.60	2591.0	981908.24	AIU7	41.80	-46.60	0.00	0.00	-46.60	43.80	AC17 N	2620. H -44.9	ISOW
FC38	62 31.30	146 35.30	2583.0	981916.28	AIU7	49.60	-38.50	0.00	0.00	-38.50	53.20	AC17 N	2590. M -38.1	ISOW
FC39	62 35.40	146 38.10	2401.0	981922.49	AIU7	33.60	-48.30	0.00	0.00	-48.30	44.70	AC17 N	2420. M -47.2	ISOW
FC40	62 39.05	146 40.30	2461.0	981920.79	AIU7	33.10	-50.90	0.00	0.10	-50.80	43.50	AC17 N	2440. M -52.2	ISOW
FC41	62 36.25	146 42.70	2394.0	981922.73	AIU7	32.10	-49.50	0.00	0.00	-49.50	44.20	AC17 N	2430. M -47.4	ISOW
FC42	62 37.30	146 57.20	2449.0	981926.61	AIU7	39.90	-43.60	0.00	0.00	-43.60	52.10	AC17 N	2505. H -40.3	ISOW
FP15	62 42.20	146 38.90	2716.0	981893.41	ADU7	25.80	-66.80	0.00	0.10	-66.70	28.60	AE58 N	2711. J -67.2	ISOW
FP16	62 54.40	146 26.10	3107.0	981875.18	ADU7	29.40	-76.60	0.00	0.20	-76.40	24.30	AE58 N	3062. H -79.3	ISOW
FP27	62 43.50	146 49.60	2688.0	981892.07	ADU7	20.20	-71.50	0.00	0.80	-70.70	25.70	AE58 N	2626. H -75.2	ISOW
FP29	62 57.70	145 40.20	3341.0	981875.08	ADU7	47.30	-66.70	0.00	0.60	-66.10	36.70	AE59 N	3340. N -66.8	ISOW
FP30	62 58.70	145 46.10	3246.0	981870.20	ADU7	32.20	-78.50	0.00	0.50	-78.00	25.30	AE59 N	3250. N -78.3	ISOW
FP31	62 58.60	145 54.00	2797.0	981902.61	ADU7	22.50	-72.90	0.00	1.30	-71.60	31.60	AE59 N	2791. N -73.3	ISOW
FP45	62 58.70	146 39.80	3088.0	981845.23	ADU7	-7.70	-113.00	0.00	0.30	-112.70	-9.60	AE59 N	3140. M -109.9	ISOW
FP46	62 55.69	146 57.60	2598.0	981882.32	ADU7	-13.00	-101.60	0.00	0.30	-101.30	0.20	AE59 N	2622. M -100.2	ISOW
FP47	62 54.20	146 39.10	2807.0	981876.58	ADU7	2.80	-93.00	0.00	0.60	-92.40	8.30	AE59 N	2796. H -93.7	ISOW
FP48	62 53.80	146 33.50	3399.0	981858.19	ADU7	40.60	-75.40	0.00	1.00	-74.40	26.00	AE59 N	3387. H -76.1	ISOW
FP50	62 57.75	146 15.50	2923.0	981883.48	ADU7	16.20	-83.50	0.00	0.20	-83.30	19.40	AE59 N	3013. H -78.1	ISOW
FP52	62 50.70	145 56.70	3398.0	981892.16	ADU7	78.30	-37.60	0.00	0.70	-36.90	60.80	AE59 N	3420. N -36.3	ISOW
FP53	62 46.38	145 52.00	2695.0	981925.29	ADU7	50.50	-41.40	0.00	1.10	-40.30	54.50	AE59 N	2691. N -41.6	ISOW
FP67	62 59.90	146 3.60	2851.0	981903.13	AJN7	26.50	-70.80	0.00	0.60	-70.20	34.00	AE60 N	2839. T -71.4	ISOW
FP68	62 58.90	146 3.20	2851.0	981895.94	AJN7	20.50	-76.80	0.00	0.60	-76.20	27.30	AE60 N	2836. T -77.6	ISOW
FP79	63 4.30	145 56.50	2792.0	981919.64	AJH7	32.00	-63.20	0.00	0.70	-62.50	44.80	AE60 N	2789. T -63.3	ISOW
FP75	62 58.80	145 31.10	2555.0	981927.86	ACH6	24.70	-62.50	0.00	2.10	-60.40	43.80	AE61 N	2546. T -63.0	ISOW
FP76	62 57.80	145 31.40	2555.0	981926.00	ACH6	24.00	-63.10	0.00	1.40	-61.70	41.60	AE61 N	2542. T -63.8	ISOW
FP77	62 57.00	145 32.20	2555.0	981924.39	ACH6	23.40	-63.70	0.00	1.20	-62.50	40.10	AE61 N	2537. T -64.8	ISOW
FP78	62 56.20	145 31.90	2556.0	981917.29	ACH6	17.40	-69.80	0.00	0.80	-69.00	33.00	AE61 N	2541. T -70.7	ISOW
FP79	62 55.60	145 31.70	2555.0	981912.50	ACH6	13.20	-73.90	0.00	0.70	-73.20	28.30	AE61 N	2540. T -74.7	ISOW
FP80	62 54.70	145 32.30	2555.0	981910.42	ACH6	12.30	-74.90	0.00	0.60	-74.30	26.50	AE61 N	2538. T -75.9	ISOW
FP81	62 53.90	145 32.30	2555.0	981916.22	ACH6	19.00	-68.10	0.00	0.60	-67.50	32.70	AE61 N	2541. T -68.9	ISOW
FP82	62 53.00	145 32.70	2555.0	981918.06	ACH6	22.00	-65.20	0.00	0.50	-64.70	34.70	AE61 N	2542. T -65.9	ISOW
FP83	62 52.30	145 34.00	2556.0	981919.46	ACH6	24.30	-62.80	0.00	0.40	-62.40	36.40	AE61 N	2559. T -62.6	ISOW
FP84	62 51.80	145 35.00	2555.0	981926.14	ACH6	31.50	-55.60	0.00	0.40	-55.20	43.20	AE61 N	2557. T -55.5	ISOW
FP85	62 51.40	145 36.40	2554.0	981927.63	ACH6	33.40	-53.70	0.00	0.30	-53.40	44.70	AE61 N	2555. T -53.6	ISOW
FP86	62 51.20	145 34.90	2555.0	981926.01	ACH6	32.10	-55.00	0.00	0.30	-54.70	43.30	AE61 N	2555. T -54.9	ISOW

**Table 1.** Principal facts of gravity stations. -- Continued

GRAVITY STATION NAME	LATITUDE (DEG MIN)	LONGITUDE (DEG MIN)	ELEV (FT)	OBSERVED GRAVITY (MGAL)	ACC CODES	FAA (MGAL)	SBA (MGAL)	TERRAIN CORRECTION INNER (MGAL)	OUTER (MGAL)	CBA (MGAL)	ISOSTATIC ANOMALY (MGAL)	DATA SET CODES	SECONDARY ELEVATION AND ANOMALY	ISO-STATIC CODE
FP87	62 51.90	145 32.60	2554.0	981915.43	ACH6	20.60	-66.50	0.00	0.40	-66.10	32.50	AE61 N	2555. T	-66.4 ISOW
FP88	62 53.80	145 30.90	2555.0	981913.52	ACH6	16.50	-70.70	0.00	0.60	-70.10	30.00	AE61 N	2556. T	-70.6 ISOW
FP89	62 53.80	145 30.90	2555.0	981909.41	ACH6	12.40	-74.80	0.00	0.60	-74.20	25.90	AE61 N	2556. T	-74.7 ISOW
NG61	62 49.14	145 39.55	2447.0	981931.46	ADY6	30.10	-53.40	0.00	0.70	-52.70	43.70	AU57 N	2431. P	-54.5 ISOW
NG62	62 50.55	145 46.55	4116.0	981838.31	ADY6	92.20	-48.20	0.00	7.70	-40.50	56.80	AU57 N	4120. G	-48.0 ISOW
NG63	62 52.65	145 57.12	4246.0	981830.39	ADY6	94.00	-50.90	0.00	8.40	-42.50	56.40	AU57 N	4225. A	-52.2 ISOW
NG64	62 50.60	146 5.68	4681.0	981810.17	ADY6	117.20	-42.50	0.00	6.40	-36.10	61.70	AU57 N	4674. G	-42.9 ISOW
NG65	62 47.67	146 3.70	2904.0	981920.71	ADY6	64.10	-35.00	0.00	0.80	-34.20	61.90	AU57 N	2903. M	-35.1 ISOW
NG66	62 44.10	146 6.60	2590.0	981915.97	KDY6	34.10	-54.20	0.00	0.40	-53.80	40.40	AU57 N	2503. Q	-59.4 ISOW
NG67	62 47.56	146 16.75	5467.0	981758.97	ADY6	143.70	-42.80	0.00	16.80	-26.00	70.30	AU57 N	5451. @	-43.8 ISOW
NG68	62 51.14	146 14.38	4460.0	981820.68	ADY6	106.20	-45.90	0.00	7.30	-38.60	59.80	AU57 N	4475. G	-45.0 ISOW
NG69	62 51.48	146 23.65	4661.0	981792.68	ADY6	96.80	-62.20	0.00	9.40	-52.80	45.90	AU57 N	4666. G	-62.0 ISOW
NG70	62 46.72	146 28.35	3770.0	981859.52	ADY6	85.50	-43.10	0.00	5.50	-37.60	59.00	AU57 N	3764. G	-43.4 ISOW
NG71	62 52.00	146 34.45	4294.0	981805.29	ACY6	74.10	-72.30	0.00	3.10	-69.20	30.10	AU57 N	4215. M	-77.1 ISOW
NG72	62 52.65	146 43.05	3944.0	981805.53	ADY6	40.70	-93.80	0.00	5.80	-88.00	11.70	AU57 N	3904. G	-96.3 ISOW
NG73	62 47.13	146 54.08	5302.0	981750.09	ADY6	119.80	-61.00	0.00	12.20	-48.80	48.80	AU57 N	5275. A	-62.7 ISOW
NG73	62 47.13	146 54.08	5572.0	981750.09	ADY6	145.20	-44.80	0.00	12.20	-32.60	65.00	AU57 N	5275. A	-62.7 ISOW
FP15	62 42.20	146 38.90	2716.0	981893.41	ADU7	25.80	-66.80	0.00	0.00	-66.80	28.60	AE58 N	2711. J	-67.2 ISOW



**Table 2.** Data set information

[WW, World Wide gravity meter; G, LaCoste and Romberg gravity meter; GMT, Greenwich mean time]

DATA SET CODE	PROJECT NAME	TRAVERSE NAME	DATA SET DATE	METER AND TYPE	METER FACTOR	GMT	PROJECT CHIEF	OBSERVERS
AA05.AKG	COPPER RIV	L LOUISE-1	08/15/1958	WW11	1 0.24160	10	BARNES	KENOSHITA WILD
AA05.AKG	COPPER RIV	L-LOUISE-2	08/16/1958	WW11	1 0.24160	10	BARNES	WILDEN, KINOSH
AA12.AKG	COPPER RIV	GAKON-SOUR	08/23/1958	WW11	1 0.24160	10	BARNES	WILDEN, KINOSH
AA13.AKG	COPPER RTV	HOGAN-SUMT	08/24/1958	WW11	1 0.24160	10	BARNES	KINOSH, WILDEN
AA67.AKG	N INTERIOR	DENALI HWY	07/04/1959	WW11	1 0.24160	10	BARNES	BENNETT ALLEN
AB21.AKG	N INTERIOR	RICH MON N	07/31/1959	WW11	1 0.24160	10	BARNES	BENNETT, ALLEN
AB23.AKG	N INTERIOR	MEADOW-RRH	08/02/1959	WW11	1 0.24160	10	BARNES	BENNETT ALLEN
AE36.AKG	N INTERIOR	BIG D-DOTL	07/27/1962	G-17	0 0.00000	10	BARNES	ALLEN JACHENS
AE40.AKG	N INTERIOR	ALASKA HWY	07/31/1962	G-17	0 0.00000	10	BARNES	BARNES
AE56.AKG	S INTERIOR	PAXSN SITE	08/15/1962	WW11	1 0.54530	10	BARNES	BARNES
AE57.AKG	N INTERIOR	SUMMIT LAK	08/15/1962	G-17	0 0.00000	10	BARNES	ALLEN, JACHENS
AE58.AKG	N INTERIOR	MONAHAN FL	08/16/1962	G-17	0 0.00000	10	BARNES	BARNES
AE59.AKG	N INTERIOR	AMPHTHR FL	08/17/1962	G-17	0 0.00000	10	BARNES	JACHENS
AE60.AKG	N INTERIOR	TANGLE LKS	08/17/1962	WW11	1 0.54530	10	BARNES	BARNES, ALLEN
AE61.AKG	S INTERIOR	PXSN-FL LK	08/18/1962	G-17	0 0.00000	10	BARNES	ALLEN, JACHENS
AE93.AKG	N INTERIOR	FT GREELEY	09/15/1962	G-17	0 0.00000	10	BARNES	BARNES, JACHENS
AF15.AKG	N INTERIOR	NORTHWAY-D	06/19/1963	G-17	0 0.00000	10	BARNES	ALLEN
CA30.BAL	TALK MTNS	BASE TIES	08/13/2001	G614	2 1.00038	8	GLEN	GLEN
CA31.BAL	TALK MTNS	BASE TIES	08/14/2001	G614	2 1.00038	8	GLEN	GLEN
CA32.BAL	TALK MTNS	BASE, LONG TANGLE	08/15/2001	G614	2 1.00038	8	GLEN	GLEN
CA33.BAL	TALK MTNS	OSAR L, EUREKA CR	08/16/2001	G614	2 1.00038	8	GLEN	GLEN
CA34.BAL	TALK MTNS	MACLAREN, LANDMAR	08/17/2001	G614	2 1.00038	8	GLEN	GLEN
CA35.BAL	TALK MTNS	WEST F, WILDHORSE	08/15/2001	G614	2 1.00038	8	GLEN	GLEN
CA36.BAL	TALK MTNS	BASE TIES	08/19/2001	G614	2 1.00038	8	GLEN	GLEN

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**Table 3.** Explanation of data

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Column	Fortran Format	Contents
1-4	a4	Station name
5-8	a4	Auxiliary station name, descriptor, or addition to station name
9	1x	Blank
10-11	f2.0	Latitude of station in degrees
12	1x	Blank
13-17	f5.2	Minutes of latitude to 0.01 minute
18	1x	Blank
19-21	f3.0	Longitude in degrees
22	1x	Blank
23-27	f5.2	Minutes of longitude to 0.01 minute
28	1x	Blank
29-35	f7.1	Elevation in feet to 0.1 feet
36	1x	Blank
37-45	f9.2	Observed gravity to 0.01 milligal
46	1x	Blank
47	a1	Location source code
48	a1	Gravity source code
49	a1	Elevation source code
50	a1	Simple Bouguer anomaly accuracy code
51	1x	Blank
52-58	f7.2	Free air anomaly to 0.01 milligal
59	1x	Blank
60-66	f7.2	Simple Bouguer anomaly to 0.01 milligal
67	1x	Blank
68-73	f6.2	Inner-zone terrain correction from station to 0.39 km to 0.01 milligal
74	1x	Blank
75-80	f6.2	Terrain correction from 0.39 km to 166.7 km to 0.01 milligal
81-83	3x	Blank
84-90	f7.2	Complete Bouguer anomaly to 0.01 milligal
91	1x	Blank
92-98	f7.2	Isostatic anomaly to 0.01 milligal
99	1x	Blank
100-103	a4	Data set code
104	1x	Blank
105	a1	Datum code
106	1x	Blank
107-112	f6.0	Second elevation in whole feet
113	1x	Blank
114	a1	Second elevation source code
115	1x	Blank
116-121	f6.1	Simple Bouguer anomaly based on second elevation to 0.1 milligal
122	1x	Blank
123-126	a4	Isostatic anomaly code

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**Table 3.** Continued.

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Latitudes and longitudes are on the North American Datum of 1927 (NAD27).  
 Elevations are on the National Geodetic Vertical Datum of 1929 (NGVD29).  
 Theoretical gravity at sea level is based on the Geodetic Reference System 1967 (GRS67).  
 Observed gravity is on the IGSN71 datum.  
 Terrain corrections are calculated from 0.39 km to 166.7 km by computer program.  
 Inaccuracies in station elevations can generate large inner zone corrections between the station and 0.39 km.  
 Values shown in the inner zone column are usually field corrections, which are field estimates from the station to a radial distance of 53 m  
 The isostatic reduction assumes an Airy-Heiskanen model with the following parameters from the station to 166.7 km:  
     density of topography above sea level, 2.67 g/cc  
     crustal thickness at sea level, 25 km  
     density contrast across the base of the model crust, 0.4 g/cc  
 From 166.7 km to a point on the opposite side of the Earth, isostatic and terrain corrections were taken off maps by Karki.

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Location source code, column 47  
 [NGS, National Geodetic Survey]

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Map used for field work or for reading latitudes and longitudes or which controlled location position	good location	poor location	transfer location from photo	transfer from smaller scale field map
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Modern published maps, scale 1:63,360	A	B	C	D
Old or unpublished maps, scale 1:63,360	F	G	H	I
Modern 1:250,000 scale maps	K	L	M	N
Reconnaissance 1:250,000 scale maps	P	Q	R	S
NGS or special maps	U	V	W	X

Data from other agencies.....Y  
 Location from special survey....Z  
 No location.....?  
 Estimated or assumed location...#  
 Near a bench mark.....@  
 Location from differential GPS..\$  
 Location from GPS.....%

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Gravity source code, column 48

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Type of meter	3 ties within 0.1 mGal		other multiple ties or drift loops lasting			
	ties	multiple	<6 hours	6-24 hours	1-4 days	>4 days
LaCoste & Romberg Geodetic meters	A	B	C	D	E	F
Worden or (loop drift control)	G	H	I	J	K	L
World-Wide (other drift control) meters (no drift control)	M	N	O	P	Q	R
Old LaCoste & Romberg or other thermostated meters	S	T	U			
	V	W	X			
Data from other agencies...Y						
Reasons to expect errors...Z						

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**Table 3.** Continued.

Elevation source code, column 49					
[USWB, U.S. Weather Bureau; FAA, Federal Aviation Administration; Wisc, University of Wisconsin]					
	bench marks	highway & railway surveys	sea Level	special surveys	USWB FAA Wisc
	A	B	C	D	E
	black	brown	blue	unpublished maps	
Surveys, etc.					
Map elevations	F	G	H	I	
	Contour interval				
	0-50 ft		100 ft	200 ft	
River gradient interpolation	J		K		L
Good contour interpolation	M		N		O
Poor contour interpolation	P		P		Q
	Altimetry		Base Distance		
			<15 miles	15-70 miles	>70 miles
Good repeated readings			R	S	-
Alticorder or other good base control			T	U	-
Poor control			V	W	X
Altimetry involving special adjustments.....	Y				
No data.....	?				
Elevation from nearby bench marks.....	@				

**Table 3.** Continued.

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Simple Bouguer anomaly accuracy code, column 50

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Code	Gravity Anomaly Accuracy, milligals	Typical gravity or elevation types
1	0.01	Local surveys with special gravity meters and leveling
2	0.02	Multiple readings with LaCoste & Romberg meters on hard, surveyed surfaces
3	0.05	Average LaCoste & Romberg data at stable bench marks
4	0.10	Average LaCoste & Romberg or Worden data at sea level or frost-affected bench marks
5	0.2	Worden or LaCoste & Romberg data with poor drift or closure errors, or average data at vertical angle bench marks
6	0.5	Data from loops with closure errors this large, or good data using river gradients, good photogrammetric elevations or well controlled altimetry
7	1.0	Most surveys based on reasonable altimetry
8	2.0	Data using moderate-distance altimetry in variable weather or spot elevations on 100-ft contour interval maps
9	5.0	Data using long-range altimetry in bad weather or contour interpolation on 200-ft contour interval maps
0	>5.0	Data from surveys using long-distance altimetry or altimetry with control failures or errors or some 500-ft contour interval reconnaissance maps

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Data set code, columns 100-103

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This is a unique code for each data set of USGS Alaska gravity data. This code refers to the original field data which include the project name, traverse, date collected, identity of gravity meter used, gravity and altimeter bases, observed gravity of gravity base, time of each reading, meter reading, altimeter reading, reference elevation, base altimeter, and wet and dry bulb temperatures

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Datum code, column 105

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N or blank.....1967 ellipsoid and conversion of Barnes Alaska datum to IGSN-71 datum

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Isostatic anomaly code, columns 123-126

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ISO	Indicates isostatic correction made from station to 166.7 km.
ISOW	Indicates isostatic correction made for the whole earth

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