

Principal facts of gravity stations

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

GRAVITY STATION NAME	LATITUDE		LONGITUDE	ELEV	OBSERVED	FAA	SBA	TC		CBA	ISOSTATIC
	(DEG	MIN)	(DEG MIN)	(FT)	GRAVITY	(MGAL)	(MGAL)	INNER	TOTAL	(MGAL)	ANOMALY
					(MGAL)			(MGAL)	(MGAL)		(MGAL)
1102	34	7.88	118 33.13	1615.2	979536.39	28.78	-26.31	1.42	3.12	-23.82	5.46
1107	34	8.12	118 32.94	1444.5	979546.20	22.20	-27.07	1.16	2.37	-25.27	4.44
1113	34	8.44	118 32.51	1098.5	979567.91	10.92	-26.55	0.39	1.28	-25.71	4.65
1119	34	8.72	118 32.28	962.2	979574.10	3.90	-28.92	0.16	1.05	-28.26	2.61
~1123	34	8.90	118 32.19	920.0	979573.99	-0.43	-31.81	0.12	0.93	-31.26	-0.08
~1127	34	9.12	118 32.14	939.0	979572.52	-0.43	-32.45	0.11	0.72	-32.11	-0.58
~1131	34	9.44	118 32.08	871.0	979569.24	-10.55	-40.26	0.09	0.66	-39.95	-7.91
~1139	34	9.73	118 31.88	828.0	979568.13	-16.11	-44.35	0.01	0.53	-44.16	-11.58
~1143	34	10.20	118 31.80	807.0	979566.41	-20.46	-47.99	0.02	0.44	-47.88	-14.55
2L001	34	9.46	118 33.16	889.4	979567.95	-10.14	-40.47	0.07	0.66	-40.18	-8.51
2L002	34	9.07	118 33.28	948.4	979568.23	-3.76	-36.11	0.21	0.92	-35.58	-4.55
2L003	34	8.82	118 33.64	1108.8	979555.25	-1.30	-39.12	0.39	1.05	-38.52	-8.00
1265	34	16.62	118 31.35	1159.6	979513.84	-48.86	-88.41	0.04	0.84	-88.04	-44.48
1270	34	16.86	118 31.44	1217.7	979510.39	-47.18	-88.71	0.08	0.96	-88.25	-44.36
~1273	34	17.00	118 31.50	1301.0	979506.98	-42.95	-87.33	0.24	1.17	-86.67	-42.60
~1277	34	17.29	118 31.60	1310.0	979503.64	-45.85	-90.53	0.08	1.09	-89.96	-45.49
~1283	34	17.62	118 31.70	1498.0	979490.63	-41.65	-92.74	0.43	1.66	-91.66	-46.75
1305	34	18.81	118 31.97	2708.8	979412.31	-7.77	-100.15	2.61	9.55	-91.57	-45.14
~1308	34	19.01	118 32.14	2660.5	979419.08	-5.82	-96.56	1.50	6.97	-90.54	-43.90
~1311	34	19.17	118 32.32	2601.7	979424.45	-6.20	-94.94	0.93	5.36	-90.52	-43.73
~1315	34	19.37	118 32.50	2644.4	979422.19	-4.73	-94.92	0.99	5.32	-90.55	-43.54
~1321	34	19.70	118 32.73	2641.1	979420.65	-7.04	-97.12	1.50	5.69	-92.37	-44.96
~1325	34	19.92	118 32.70	2486.1	979429.61	-12.97	-97.76	2.00	5.47	-93.19	-45.42
~1329	34	20.15	118 32.60	2189.5	979451.56	-19.23	-93.91	1.43	3.63	-91.09	-42.88
~1341	34	20.71	118 32.09	1644.7	979485.76	-37.05	-93.15	0.37	1.76	-92.02	-42.65
~1344	34	20.90	118 31.94	1580.6	979490.13	-38.98	-92.89	0.69	2.01	-91.49	-41.75
~1359	34	21.75	118 31.68	1438.4	979500.23	-43.44	-92.50	0.18	1.23	-91.84	-40.70
~1364	34	21.97	118 31.87	1383.0	979502.42	-46.77	-93.94	0.12	1.16	-93.33	-41.97
~1366	34	22.08	118 32.04	1364.5	979503.04	-48.05	-94.59	0.09	1.10	-94.03	-42.61
~1370	34	22.31	118 32.06	1326.8	979505.27	-49.69	-94.94	0.04	1.01	-94.46	-42.71
~1374	34	22.49	118 31.76	1322.0	979508.79	-46.87	-91.96	0.08	1.00	-91.49	-39.29
~1378	34	22.66	118 30.89	1456.0	979501.61	-41.69	-91.35	0.35	1.18	-90.74	-37.82
1380	34	22.83	118 30.92	1313.5	979510.62	-46.32	-91.12	0.33	1.32	-90.32	-37.16
~1386	34	23.10	118 30.61	1324.0	979512.04	-44.29	-89.45	0.05	1.05	-88.92	-35.20
1391	34	23.40	118 30.30	1343.5	979512.40	-42.52	-88.34	0.36	1.44	-87.43	-33.11
~1397	34	23.71	118 30.05	1656.7	979492.67	-33.23	-89.73	0.29	1.25	-89.13	-34.28
1400	34	23.87	118 30.06	1655.7	979492.74	-33.47	-89.94	0.35	1.28	-89.31	-34.23
~1412	34	24.54	118 30.08	1388.2	979510.74	-41.57	-88.92	0.06	0.97	-88.50	-32.45
~1415	34	24.64	118 30.40	1409.2	979510.57	-39.91	-87.97	0.18	0.97	-87.56	-31.56
~1424	34	25.20	118 30.62	1247.3	979518.45	-48.04	-90.58	0.01	1.00	-90.08	-33.39
~1460	34	27.19	118 30.72	1379.6	979514.67	-42.17	-89.23	0.22	1.08	-88.69	-29.29
~1466	34	27.46	118 30.64	1489.7	979514.37	-32.50	-83.31	1.04	1.85	-82.05	-22.27
~1473	34	27.88	118 30.43	1388.9	979514.15	-42.79	-90.16	0.20	1.33	-89.38	-28.93
~1478	34	28.12	118 30.41	1416.6	979514.04	-40.63	-88.95	0.29	1.49	-88.02	-27.24
~1446	34	26.28	118 30.29	1626.0	979494.69	-37.70	-93.16	0.22	1.17	-92.63	-34.30
~1449	34	26.56	118 30.33	1348.0	979512.81	-46.12	-92.10	0.36	1.30	-91.33	-32.59
~1454	34	26.86	118 30.29	1304.0	979516.54	-46.95	-91.43	0.02	1.10	-90.85	-31.67
~1459	34	27.03	118 30.35	1312.4	979516.49	-46.45	-91.21	0.03	1.06	-90.67	-31.30
2L004	34	27.35	118 29.98	1361.9	979515.05	-43.68	-90.13	0.13	1.16	-89.52	-29.53
~1439	34	26.05	118 30.66	1613.6	979495.26	-37.98	-93.01	0.41	1.42	-92.22	-34.40
~1442	34	26.18	118 30.51	1629.6	979493.46	-38.45	-94.03	0.83	1.84	-92.83	-34.75
~1436	34	25.89	118 30.71	1604.8	979494.76	-39.08	-93.81	0.63	1.65	-92.79	-35.21
~1475	34	28.15	118 30.42	1419.0	979514.04	-40.45	-88.85	0.27	1.48	-87.93	-27.12
~1485	34	28.51	118 30.51	1452.2	979514.40	-37.47	-87.00	0.20	1.46	-86.12	-24.87
~1491	34	28.87	118 30.54	1480.3	979515.38	-34.36	-84.84	0.24	1.54	-83.89	-22.16
~1494	34	29.08	118 30.75	1544.9	979509.59	-34.36	-87.06	0.46	1.60	-86.06	-24.16
~1496	34	29.21	118 30.98	1662.0	979502.25	-30.87	-87.56	0.71	1.66	-86.55	-24.59
~1507	34	29.81	118 31.02	1916.1	979502.40	-7.67	-73.02	0.21	1.41	-72.34	-9.65
~1515	34	30.16	118 31.01	1931.6	979505.20	-3.91	-69.78	0.10	1.29	-69.23	-6.09
~1520	34	30.48	118 30.98	1993.1	979503.50	-0.27	-68.25	0.30	1.60	-67.40	-3.85
~1525	34	30.77	118 31.10	2104.9	979499.52	5.85	-65.94	0.75	2.30	-64.43	-0.59
~1528	34	31.06	118 31.01	2133.0	979500.15	8.72	-64.03	0.31	1.86	-62.97	1.28

-1538	34	31.40	118	30.67	2142.2	979504.26	13.22	-59.85	0.40	1.98	-58.67	6.15
-1542	34	31.59	118	30.70	2141.5	979504.55	13.17	-59.87	0.31	1.88	-58.79	6.27
-1545	34	31.81	118	30.45	2158.4	979503.24	13.14	-60.47	0.57	2.28	-59.00	6.43
-1550	34	32.04	118	30.15	2220.6	979501.89	17.32	-58.42	0.40	2.25	-57.00	8.81
-1552	34	32.28	118	30.00	2284.7	979498.63	19.75	-58.17	0.18	1.95	-57.07	9.08
-1559	34	32.50	118	29.70	2319.7	979496.57	20.67	-58.45	0.29	2.22	-57.08	9.46
-1564	34	32.71	118	29.52	2339.0	979494.98	20.60	-59.17	0.42	2.39	-57.64	9.21
-1570	34	32.93	118	29.16	2409.0	979492.58	24.47	-57.69	0.29	2.35	-56.22	11.01
-1573	34	33.00	118	28.95	2377.7	979493.55	22.40	-58.69	0.34	2.58	-56.99	10.40
-1581	34	33.67	118	29.34	1786.5	979522.70	-4.99	-65.92	0.18	3.85	-62.76	5.38
-1587	34	33.97	118	28.59	1853.0	979516.41	-5.45	-68.65	1.01	5.21	-64.15	4.57
-1595	34	34.39	118	27.68	1918.9	979511.67	-4.58	-70.03	1.40	5.46	-65.30	4.18
-1616	34	35.60	118	29.50	3074.6	979443.08	33.80	-71.06	0.43	2.46	-69.66	0.32
2L005	34	35.62	118	30.01	2768.8	979458.35	20.29	-74.14	1.26	3.60	-71.53	-1.61
-1620	34	35.84	118	29.52	3289.4	979430.50	41.08	-71.11	0.66	3.23	-68.98	1.19
-1630	34	36.22	118	29.22	3548.5	979411.97	46.38	-74.65	1.15	4.80	-71.01	-0.41
-1635	34	36.51	118	29.01	3734.7	979400.55	52.06	-75.32	1.57	6.05	-70.47	0.43
-1639	34	36.67	118	28.67	3931.8	979391.92	61.73	-72.37	2.15	7.89	-65.71	5.38
-1643	34	36.92	118	28.36	4058.7	979381.40	62.79	-75.63	1.49	7.53	-69.37	2.03
-1646	34	36.99	118	27.96	4192.9	979373.76	67.67	-75.33	1.37	8.73	-67.90	3.62
-1648	34	37.36	118	27.84	4135.9	979375.27	63.30	-77.76	2.29	8.37	-70.67	1.25
-1653	34	37.55	118	27.69	4092.9	979376.36	60.08	-79.51	1.78	7.39	-73.40	-1.24
-1655	34	37.67	118	27.76	3948.9	979385.40	55.41	-79.27	2.22	6.23	-74.29	-1.99
-1659	34	37.86	118	27.84	3597.5	979419.30	56.01	-66.69	0.97	3.41	-64.46	8.09
-1660	34	37.99	118	27.86	3534.3	979412.90	43.48	-77.06	0.58	3.14	-75.09	-2.41
-1663	34	38.13	118	27.83	3762.8	979397.80	49.67	-78.67	1.12	3.88	-75.99	-3.22
-1665	34	38.23	118	27.77	3879.4	979390.55	53.24	-79.07	1.25	4.39	-75.92	-3.08
1668	34	38.33	118	27.66	4089.0	979375.24	57.49	-81.97	1.10	5.40	-77.84	-4.93
-1670	34	38.46	118	27.52	4277.1	979365.70	65.46	-80.42	0.89	6.85	-74.88	-1.88
-1673	34	38.54	118	27.79	4501.0	979343.59	64.28	-89.23	3.41	12.61	-77.96	-4.99
2L006	34	38.29	118	26.77	3866.6	979391.39	52.79	-79.08	1.80	5.52	-74.80	-1.68
2L007	34	39.17	118	25.82	4068.7	979376.12	55.28	-83.49	0.59	4.31	-80.44	-6.42
2L008	34	39.62	118	25.99	3853.6	979387.44	45.75	-85.69	0.41	2.99	-83.92	-9.52
-1685	34	39.28	118	27.89	2996.9	979442.84	21.07	-81.14	0.37	4.06	-78.11	-4.14
-1684	34	39.22	118	27.85	2996.2	979441.81	20.06	-82.13	0.49	4.34	-78.82	-4.89
-1688	34	39.44	118	27.71	3017.8	979440.00	19.97	-82.95	0.62	3.99	-80.01	-5.87
1692	34	39.58	118	27.58	3066.1	979437.54	21.86	-82.71	0.57	3.56	-80.21	-5.94
1693	34	39.68	118	27.50	3082.1	979436.49	22.17	-82.95	0.62	3.48	-80.53	-6.17
-1700	34	40.04	118	27.41	3568.2	979402.11	32.99	-88.71	1.97	3.98	-85.89	-11.33
-1705	34	40.24	118	27.40	3495.8	979407.92	31.71	-87.52	1.61	3.47	-85.20	-10.47
1709	34	40.57	118	27.47	3296.5	979420.31	24.90	-87.53	0.70	2.77	-85.87	-10.81
1715	34	40.87	118	27.36	3293.7	979420.60	24.50	-87.83	0.12	2.05	-86.90	-11.57
-1713	34	40.75	118	27.36	3270.7	979421.45	23.36	-88.19	0.04	2.03	-87.27	-12.04
2L009	34	41.12	118	27.96	3370.7	979413.81	24.60	-90.36	0.18	2.51	-88.98	-13.56
2L010	34	41.26	118	28.38	3432.9	979409.99	26.43	-90.65	0.24	2.87	-88.92	-13.44
2L011	34	41.44	118	28.98	3517.1	979404.10	28.20	-91.75	0.58	3.58	-89.34	-13.83
2L012	34	41.63	118	29.52	3592.5	979399.27	30.19	-92.33	0.43	3.63	-89.88	-14.31
2L013	34	42.95	118	30.65	1706.0	979529.18	-5.07	-63.25	0.40	3.54	-60.37	6.49
-1722	34	41.20	118	27.29	3525.9	979404.89	30.16	-90.10	0.41	2.11	-89.15	-13.60
1720	34	41.12	118	27.37	3491.5	979409.53	31.68	-87.41	0.76	2.46	-86.10	-10.62
-1733	34	41.74	118	27.30	3768.0	979390.82	38.09	-90.42	0.13	2.50	-89.14	-13.24
-1735	34	41.78	118	27.68	3749.7	979380.50	25.99	-101.90	1.57	3.71	-99.39	-23.50
-1737	34	42.00	118	27.64	3844.2	979388.12	42.19	-88.92	0.22	2.84	-87.31	-11.26
-1740	34	42.17	118	27.60	3827.8	979388.65	40.94	-89.62	0.31	3.02	-87.82	-11.63
-1743	34	42.36	118	27.54	3753.0	979393.19	38.17	-89.83	0.29	2.86	-88.18	-11.82
-1746	34	42.47	118	27.53	3731.3	979392.71	35.50	-91.76	0.57	3.15	-89.82	-13.37
-1747	34	42.48	118	27.81	3495.3	979407.78	28.37	-90.85	0.76	2.69	-89.31	-12.83
-1750	34	42.67	118	27.59	3352.7	979415.71	22.62	-91.73	0.86	2.69	-90.16	-13.47
-1751	34	42.75	118	27.45	3272.7	979421.02	20.30	-91.32	0.83	2.61	-89.82	-13.04
-1754	34	42.88	118	27.32	3206.1	979424.72	17.55	-91.80	0.80	2.51	-90.38	-13.47
-1757	34	43.10	118	27.24	3074.5	979431.14	11.29	-93.57	0.51	2.22	-92.41	-15.30
2L014	34	43.42	118	26.62	3053.5	979430.56	8.28	-95.86	0.64	1.92	-95.00	-17.60
-1759	34	43.31	118	27.42	3042.7	979433.94	10.80	-92.98	0.12	1.74	-92.28	-15.03
-1762	34	43.37	118	27.40	3010.9	979435.89	9.67	-93.02	0.09	1.70	-92.36	-15.04
-1765	34	43.54	118	27.37	2987.6	979436.53	7.88	-94.01	0.03	1.47	-93.57	-16.11
2L015	34	42.40	118	28.88	3967.8	979376.78	41.90	-93.42	0.39	3.30	-91.37	-15.21
2L016	34	41.83	118	28.11	4072.0	979372.69	48.41	-90.47	0.31	3.96	-87.77	-11.97
-1729	34	41.57	118	27.19	3724.0	979392.77	36.14	-90.87	0.16	2.33	-89.74	-13.94
-1727	34	41.39	118	27.31	3553.5	979405.21	32.81	-88.39	0.44	2.19	-87.36	-11.68
-1774	34	44.06	118	27.93	2925.9	979434.87	-0.31	-100.10	0.02	1.32	-99.80	-21.99
-1777	34	44.24	118	27.93	2904.6	979435.54	-1.90	-100.96	0.01	1.22	-100.75	-22.80
-1780	34	44.37	118	27.92	2887.6	979435.80	-3.42	-101.90	0.01	1.17	-101.74	-23.68

-1784	34	44.58	118	27.92	2872.2	979435.28	-5.68	-103.64	0.01	1.10	-103.55	-25.34
-1791	34	44.97	118	27.93	2857.4	979433.43	-9.48	-106.93	0.00	0.99	-106.94	-28.45
-1795	34	45.18	118	27.93	2855.2	979432.80	-10.61	-107.99	0.01	0.96	-108.03	-29.39
-1800	34	45.40	118	27.93	2860.1	979432.64	-10.62	-108.17	0.05	0.98	-108.19	-29.41
2L017	34	45.62	118	27.60	2778.0	979433.38	-17.91	-112.66	0.07	0.94	-112.70	-33.72
2L018	34	45.60	118	29.01	2875.0	979429.21	-12.93	-110.98	0.01	1.02	-110.97	-32.14
-1807	34	45.82	118	27.94	2814.2	979430.94	-17.23	-113.21	0.01	0.89	-113.31	-34.23
1812	34	46.10	118	27.94	2797.5	979429.06	-21.07	-116.48	0.00	0.86	-116.61	-37.34
1815	34	46.27	118	27.95	2782.4	979428.62	-23.17	-118.07	0.00	0.85	-118.21	-38.82
2L019	34	46.48	118	26.88	2734.0	979429.52	-27.12	-120.37	0.01	0.78	-120.55	-40.95
2L020	34	46.50	118	28.99	2802.0	979427.89	-22.38	-117.95	0.01	0.91	-118.02	-38.54
1823	34	46.70	118	27.95	2767.3	979427.14	-26.68	-121.06	0.00	0.82	-121.22	-41.51
1827	34	46.92	118	27.95	2747.9	979426.91	-29.04	-122.76	0.00	0.81	-122.92	-43.06
1831	34	47.13	118	27.95	2740.4	979427.07	-29.89	-123.35	0.00	0.81	-123.51	-43.49
2L021	34	47.35	118	29.01	2737.0	979426.72	-30.87	-124.21	0.01	0.88	-124.30	-44.21
2L022	34	47.78	118	29.02	2707.0	979428.34	-32.67	-125.00	0.00	0.87	-125.09	-44.71
2L023	34	48.22	118	29.02	2694.0	979429.60	-33.26	-125.14	0.00	0.87	-125.23	-44.56
-1851	34	48.22	118	27.95	2677.0	979431.68	-32.78	-124.08	0.00	0.80	-124.23	-43.47
1847	34	48.01	118	27.95	2684.9	979431.12	-32.30	-123.87	0.01	0.81	-124.01	-43.39
-1843	34	47.79	118	27.94	2701.9	979429.53	-31.98	-124.13	0.01	0.81	-124.28	-43.81
1839	34	47.57	118	27.95	2713.8	979428.40	-31.68	-124.24	0.01	0.81	-124.39	-44.07
2L024	34	45.68	118	20.50	2523.0	979466.55	-8.80	-94.85	0.01	0.54	-95.22	-15.82
2L025	34	45.67	118	21.60	2581.0	979462.68	-7.20	-95.23	0.02	0.61	-95.55	-16.21
2L026	34	45.65	118	22.13	2611.0	979459.94	-7.10	-96.15	0.02	0.65	-96.44	-17.14
2L027	34	46.11	118	21.60	2552.0	979461.83	-11.40	-98.44	0.00	0.57	-98.79	-19.17
2L028	34	46.98	118	23.73	2593.0	979440.26	-30.34	-118.78	0.00	0.62	-119.10	-38.96
2L029	34	46.96	118	24.26	2609.0	979437.16	-31.91	-120.89	0.00	0.64	-121.19	-41.08
2L030	34	46.95	118	24.76	2632.0	979434.92	-31.98	-121.74	0.00	0.66	-122.03	-41.96
1855	34	48.45	118	27.95	2658.1	979431.97	-34.59	-125.25	0.00	0.83	-125.37	-44.46
1859	34	48.66	118	27.96	2661.1	979432.20	-34.37	-125.13	0.00	0.83	-125.25	-44.20
1863	34	48.88	118	27.96	2658.7	979432.67	-34.44	-125.12	0.00	0.85	-125.22	-44.03
1867	34	49.10	118	27.96	2666.0	979433.05	-33.68	-124.61	0.00	0.86	-124.70	-43.38
1870	34	49.26	118	27.96	2642.7	979433.42	-35.73	-125.86	0.02	0.92	-125.89	-44.46
1874	34	49.48	118	27.96	2644.0	979433.20	-36.14	-126.32	0.05	0.97	-126.29	-44.70
-1879	34	49.80	118	27.96	2667.5	979432.61	-34.97	-125.95	0.06	1.00	-125.90	-44.10
-1883	34	49.99	118	27.86	2686.5	979433.77	-32.29	-123.92	0.02	0.96	-123.91	-41.98
1885	34	50.05	118	27.44	2664.2	979436.13	-32.11	-122.98	0.01	0.94	-122.99	-40.99
1889	34	50.27	118	27.45	2676.6	979435.70	-31.69	-122.98	0.01	0.97	-122.96	-40.81
1893	34	50.48	118	27.49	2705.1	979434.78	-30.23	-122.49	0.01	0.99	-122.45	-40.18
1897	34	50.70	118	27.51	2734.9	979434.16	-28.35	-121.63	0.02	1.04	-121.56	-39.16
1901	34	50.91	118	27.51	2758.4	979433.61	-26.99	-121.07	0.01	1.07	-120.98	-38.44
1906	34	51.18	118	27.51	2795.4	979432.26	-25.24	-120.58	0.02	1.14	-120.43	-37.73
2L031	34	50.61	118	27.91	2756.0	979432.21	-28.19	-122.19	0.01	1.04	-122.12	-39.81
2L032	34	50.87	118	27.98	2804.0	979430.72	-25.54	-121.17	0.02	1.11	-121.05	-38.60
1910	34	51.41	118	27.54	2842.3	979430.83	-22.59	-119.53	0.03	1.19	-119.33	-36.49
-1912	34	51.52	118	27.56	2865.2	979430.19	-21.23	-118.95	0.03	1.22	-118.73	-35.85
1915	34	51.68	118	27.36	2872.1	979430.84	-20.16	-118.11	0.03	1.24	-117.88	-34.89
1919	34	51.87	118	27.21	2879.2	979431.25	-19.35	-117.55	0.03	1.27	-117.29	-34.16
1925	34	52.19	118	26.95	2901.8	979431.30	-17.63	-116.60	0.05	1.33	-116.28	-32.97
1928	34	52.34	118	26.83	2917.8	979430.75	-16.88	-116.40	0.06	1.35	-116.07	-32.66
1932	34	52.53	118	26.75	2944.8	979430.80	-14.56	-115.00	0.10	1.40	-114.62	-31.06
-1936	34	52.77	118	26.97	3046.6	979425.77	-10.36	-114.27	0.17	1.53	-113.79	-30.09
-1939	34	52.86	118	27.10	3116.8	979422.18	-7.48	-113.78	0.14	1.52	-113.33	-29.60
1942	34	53.10	118	26.77	3118.7	979422.79	-7.03	-113.39	0.10	1.47	-112.99	-29.06
1947	34	53.36	118	26.80	3119.6	979424.08	-6.02	-112.42	0.04	1.42	-112.06	-27.97
1950	34	53.54	118	26.91	3117.5	979424.97	-5.58	-111.91	0.05	1.45	-111.52	-27.34
1953	34	53.72	118	27.02	3119.4	979425.74	-4.89	-111.28	0.09	1.54	-110.81	-26.53
1955	34	53.84	118	27.24	3120.3	979426.31	-4.40	-110.82	0.06	1.57	-110.32	-25.99
1958	34	54.01	118	27.27	3127.1	979426.67	-3.64	-110.30	0.02	1.58	-109.78	-25.36
1963	34	54.28	118	27.26	3200.5	979422.87	-0.92	-110.08	0.07	1.65	-109.52	-24.96
-1967	34	54.51	118	27.28	3230.6	979421.61	0.32	-109.86	0.03	1.68	-109.28	-24.59
1971	34	54.73	118	27.25	3263.7	979420.17	1.68	-109.63	0.02	1.74	-108.99	-24.18
1975	34	54.95	118	27.22	3316.4	979417.31	3.47	-109.64	0.03	1.83	-108.92	-23.99
1979	34	55.17	118	27.19	3366.5	979414.99	5.55	-109.27	0.04	1.94	-108.46	-23.43
1983	34	55.39	118	27.18	3431.1	979411.91	8.23	-108.79	0.04	2.03	-107.90	-22.74
1987	34	55.62	118	27.19	3483.8	979409.45	10.40	-108.42	0.11	2.20	-107.37	-22.05
2L033	34	55.82	118	27.07	3546.0	979405.91	12.42	-108.52	0.06	2.25	-107.43	-21.97
1992	34	55.83	118	26.76	3531.0	979406.28	11.37	-109.06	0.05	2.22	-108.00	-22.48
1994	34	55.87	118	26.56	3538.5	979406.04	11.78	-108.91	0.04	2.21	-107.86	-22.29
1998	34	56.07	118	26.61	3603.1	979403.06	14.59	-108.30	0.06	2.33	-107.14	-21.47
2002	34	56.29	118	26.67	3685.0	979399.27	18.19	-107.49	0.07	2.49	-106.20	-20.44
2006	34	56.52	118	26.67	3767.6	979395.31	21.67	-106.83	0.08	2.65	-105.39	-19.51

2010	34	56.74	118	26.67	3846.8	979392.12	25.61	-105.59	0.07	2.81	-104.00	-18.01
2013	34	56.93	118	26.67	3875.0	979390.97	26.85	-105.31	0.06	2.98	-103.56	-17.47
2L034	34	55.21	118	26.40	3361.3	979414.69	4.70	-109.94	0.04	1.89	-109.18	-24.02
2L035	34	54.84	118	26.38	3269.3	979419.02	0.90	-110.60	0.04	1.73	-109.97	-24.99
2L036	34	52.62	118	25.87	2858.7	979433.97	-19.62	-117.12	0.02	1.17	-116.94	-33.22
2L037	34	52.18	118	25.87	2807.0	979435.12	-22.71	-118.44	0.01	1.09	-118.34	-34.91
2L038	34	51.76	118	25.89	2752.6	979436.15	-26.20	-120.08	0.01	1.03	-120.02	-36.84
2L039	34	50.00	118	25.32	2642.7	979439.61	-30.59	-120.72	0.00	0.76	-120.90	-38.81
2L040	34	50.00	118	24.80	2629.0	979440.70	-30.78	-120.45	0.00	0.74	-120.65	-38.54
2L041	34	50.02	118	23.75	2607.0	979444.34	-29.24	-118.16	0.00	0.68	-118.41	-36.27
2L042	34	50.02	118	23.22	2592.0	979446.91	-28.08	-116.48	0.01	0.66	-116.75	-34.60
2L043	34	50.06	118	19.52	2482.0	979463.40	-21.99	-106.64	0.00	0.52	-107.03	-24.92
1020	34	3.45	118	33.23	291.8	979601.24	-24.65	-34.61	3.79	6.75	-27.98	-15.47
1022	34	3.59	118	33.27	345.9	979599.82	-21.18	-32.98	3.92	7.00	-26.12	-13.35
1027	34	3.86	118	33.44	417.2	979599.16	-15.51	-29.74	2.84	6.25	-23.66	-10.45
1033	34	4.16	118	33.49	586.0	979592.11	-7.10	-27.09	0.93	3.75	-23.58	-9.79
1045	34	4.82	118	33.49	969.6	979574.06	10.01	-23.06	1.27	3.68	-19.78	-4.64
1046	34	4.97	118	33.52	1100.8	979567.27	15.35	-22.20	0.91	3.29	-19.36	-3.94
1047	34	4.90	118	33.13	1495.5	979540.79	26.09	-24.92	0.98	4.35	-21.16	-5.67
1049	34	4.99	118	33.16	1549.2	979538.08	28.30	-24.53	0.90	4.46	-20.68	-5.03
1051	34	5.10	118	33.16	1615.8	979534.21	30.54	-24.57	1.25	5.01	-20.19	-4.31
1053	34	5.20	118	33.08	1694.5	979530.01	33.61	-24.19	1.00	4.95	-19.90	-3.78
1055	34	5.30	118	32.87	1833.2	979520.74	37.24	-25.28	0.76	5.32	-20.67	-4.23
1057	34	5.40	118	32.90	1857.4	979521.13	39.77	-23.58	0.70	5.27	-19.02	-2.40
1059	34	5.52	118	32.94	1886.9	979519.90	41.14	-23.21	0.67	5.27	-18.67	-1.83
1061	34	5.62	118	32.94	1929.8	979517.16	42.30	-23.52	0.47	5.23	-19.02	-1.99
1063	34	5.75	118	32.92	1967.2	979514.93	43.40	-23.69	0.61	5.41	-19.02	-1.72
1066	34	5.90	118	32.94	2010.0	979512.95	45.24	-23.32	0.82	5.71	-18.37	-0.78
1068	34	6.00	118	33.06	2013.7	979513.62	46.12	-22.56	0.50	5.25	-18.08	-0.36
1070	34	6.13	118	33.26	2044.2	979511.06	46.24	-23.48	0.47	5.38	-18.87	-1.01
1072	34	6.25	118	33.27	2002.5	979514.37	45.46	-22.83	0.70	5.08	-18.51	-0.41
1074	34	6.41	118	33.45	1998.8	979514.94	45.46	-22.71	0.94	5.26	-18.20	0.11
1076	34	6.48	118	33.42	2000.4	979513.66	44.23	-23.99	1.70	5.99	-18.76	-0.29
1079	34	6.63	118	33.36	1887.8	979520.90	40.67	-23.71	1.48	4.92	-19.52	-0.71
1081	34	6.74	118	33.22	1850.7	979523.99	40.12	-23.00	1.38	4.62	-19.09	0.02
1083	34	6.86	118	33.21	1826.8	979526.38	40.10	-22.21	1.15	4.29	-18.62	0.73
1085	34	6.96	118	33.21	1795.2	979528.08	38.68	-22.54	0.82	3.78	-19.45	0.10
1087	34	7.06	118	33.23	1764.4	979529.83	37.40	-22.78	0.85	3.64	-19.82	-0.08
1089	34	7.16	118	33.15	1713.5	979532.84	35.48	-22.96	0.60	3.11	-20.51	-0.53
1091	34	7.28	118	33.11	1682.9	979535.21	34.81	-22.59	0.50	2.86	-20.39	-0.15
1093	34	7.36	118	33.02	1622.6	979538.72	32.53	-22.81	0.83	2.92	-20.52	-0.07
1096	34	7.56	118	33.17	1640.6	979535.47	30.70	-25.26	1.16	3.39	-22.51	-1.74
1099	34	7.71	118	33.16	1711.4	979528.56	30.23	-28.14	1.82	4.53	-24.26	-3.19
VL001	34	15.64	118	26.15	961.3	979525.55	-54.43	-87.22	0.00	1.04	-86.57	-45.98
VL002	34	15.79	118	25.95	977.7	979524.77	-53.88	-87.22	0.00	1.07	-86.55	-45.53
VL003	34	15.92	118	25.75	994.5	979524.29	-52.96	-86.88	0.00	1.11	-86.18	-44.77
VL004	34	16.07	118	25.55	1010.5	979523.62	-52.33	-86.80	0.00	1.14	-86.07	-44.24
VL005	34	16.19	118	25.39	1024.4	979523.58	-51.23	-86.17	0.00	1.17	-85.42	-43.24
VL006	34	16.27	118	25.27	1031.5	979523.57	-50.69	-85.87	0.00	1.20	-85.09	-42.67
VL007	34	16.36	118	25.16	1044.2	979523.48	-49.71	-85.32	0.00	1.23	-84.52	-41.86
VL008	34	16.47	118	25.03	1054.0	979523.13	-49.29	-85.24	0.00	1.27	-84.40	-41.43
VL009	34	16.56	118	24.88	1069.4	979522.86	-48.24	-84.71	0.00	1.31	-83.84	-40.59
VL010	34	16.64	118	24.77	1078.8	979522.56	-47.77	-84.56	0.00	1.35	-83.65	-40.16
VL011	34	16.75	118	24.62	1093.0	979522.07	-47.08	-84.36	0.01	1.42	-83.38	-39.59
VL012	34	16.88	118	24.45	1116.9	979520.40	-46.68	-84.77	0.02	1.50	-83.73	-39.58
VL013	34	16.96	118	24.32	1141.2	979519.31	-45.60	-84.52	0.03	1.56	-83.42	-39.02
VL014	34	16.94	118	23.09	1186.0	979523.11	-37.56	-78.01	0.09	1.92	-76.57	-31.23
VL015	34	16.61	118	23.10	1102.0	979531.36	-36.74	-74.33	0.04	1.76	-73.02	-28.30
VL016	34	17.12	118	24.11	1186.3	979517.15	-43.74	-84.20	0.05	1.68	-83.00	-38.15
VL017	34	17.28	118	23.99	1233.6	979513.79	-42.88	-84.95	0.37	2.09	-83.36	-38.14
VL018	34	15.90	118	24.47	1136.4	979526.17	-37.70	-76.46	0.26	1.56	-75.36	-33.05
VL019	34	15.81	118	24.18	1069.6	979534.32	-35.71	-72.19	0.22	1.48	-71.15	-28.77
VL020	34	16.37	118	22.87	1052.2	979536.10	-36.35	-72.24	0.03	1.73	-70.94	-26.48
VL021	34	22.49	118	29.29	1483.1	979511.61	-28.90	-79.48	0.35	2.05	-78.01	-27.83
VL022	34	22.66	118	28.03	1539.9	979514.87	-20.54	-73.06	0.46	3.36	-70.30	-19.00
VL023	34	23.67	118	29.41	1869.7	979482.66	-23.15	-86.92	0.23	1.85	-85.78	-33.86
VL024	34	23.93	118	28.76	1639.8	979500.00	-27.79	-83.72	0.20	1.35	-83.01	-30.23
VL025	34	24.17	118	29.27	1629.3	979499.53	-29.59	-85.16	0.18	1.27	-84.53	-31.70
VL026	34	24.26	118	28.01	1435.0	979512.52	-35.00	-83.94	0.06	1.53	-82.98	-29.17
VL027	34	23.86	118	27.95	1536.1	979506.98	-30.47	-82.86	0.28	1.78	-81.68	-28.46
VL028	34	25.43	118	28.17	1346.7	979516.67	-40.80	-86.73	0.02	1.47	-85.79	-30.30
VL029	34	26.20	118	28.64	1680.7	979494.04	-33.10	-90.42	0.15	1.30	-89.77	-33.48

VL030	34	26.12	118	29.46	1614.1	979497.28	-36.01	-91.06	0.12	1.20	-90.49	-34.79
VL031	34	26.43	118	28.99	1680.1	979493.11	-34.40	-91.71	0.34	1.42	-90.94	-34.53
VL032	34	26.80	118	29.34	1417.3	979510.79	-41.96	-90.30	0.19	1.48	-89.39	-32.59
VL033	34	27.87	118	28.52	1459.0	979513.95	-36.38	-86.14	0.04	1.59	-85.12	-26.32
VL034	34	28.43	118	27.26	1586.6	979514.42	-24.70	-78.81	0.07	1.66	-77.77	-17.50
VL035	34	28.36	118	25.21	1872.4	979503.50	-8.64	-72.50	0.20	1.58	-71.64	-10.30
VL036	34	27.82	118	25.25	1778.1	979505.50	-14.75	-75.40	0.05	1.42	-74.66	-14.04