

United States Department of the Interior

Geological Survey

Principal facts for gravity stations
in the Okanogan, Sandpoint, Ritzville and Spokane $1^{\circ} \times 2^{\circ}$ quadrangles,
northeastern Washington and northern Idaho

by

John W. Cady

and

Richard F. Meyer

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This report is preliminary and has not been edited or reviewed for conformity with U.S. Geological Survey standards and nomenclature.

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To aid in the interpretation of the regional geologic environment of the uranium mineralization in the area around Spokane, Washington, 2077 gravity stations were used to construct a Bouguer gravity map of the Okanogan, Sandpoint, Ritzville and Spokane $1^{\circ} \times 2^{\circ}$ quadrangles. The data for these stations was obtained from USGS open-file reports and from the DOD Gravity Library.

The map is being published as USGS Geophysical Investigation map GP-914 (Cady and Meyer, 1976). The purpose of this report is to document the principal facts for gravity stations used in compiling the map.

Readings for the accompanying table of principal facts are explained in the following list:

Station identification:	USGS or DOD station number
Latitude and longitude:	Degrees, minutes, hundredths of minutes
Elevation:	Metres
State:	Washington or Blank (Washington, Idaho or Montana)
Observed gravity:	Observed gravity in milligals

Standard gravity, free air
correction, and Bouguer
correction:

Provided by the following Fortran
Subroutine written by G. I. Evenden,
based upon the Geodetic Reference
System (International Association of
Geodesy, 1971)

SUBROUTINE GRAVCR(PHI,ELEV,STDG,FA,BOUG)

ROUTINE TO PROVIDE STANDARD GRAVITY
CORRECTION VALUES.

INPUT

PHI - DEGREES OF LATITUDE
ELEV - STATION ELEVATION IN METRES

OUTPUT

- IN MILLIGALS
STDG - STANDARD GRAVITY (1967) - 900000.00
FA - FREE AIR CORRECTION
BOUG - BOUGUER CORRECTION MINUS THE CURVATURE CORRECTION
(CURVATURE CORRECTION ADDED TO ROUTINE 5/29/75)

$P = \text{PHI} * \text{PHI} * .0001$

STANDARD GRAVITY

$\text{STDG} = 78031.843 + P * (15727.66 + P * (-15762.337 + P * (16083.534 + P * (-1089.748 + P * 69.43))))$

FREE AIR

$\text{FA} = \text{ELEV} * (.30877 + P * (-.0013398 + P * (.0013553 + P * (1 - .0005329 + P * .0000911)))) - \text{ELEV} * .072\text{E-}6$

CURVATURE CORRECTION

$\text{CC} = \text{ELEV} * (1.4639108\text{E-}3 + \text{ELEV} * (4.449648\text{E-}14 * \text{ELEV} - 3.532715\text{E-}7))$

BOUGUER

$\text{BOUG} = -.1119 * \text{ELEV} - \text{CC}$

Terrain:

Terrain correction in milligals for
stations SP001 through SACHBASE,
calculated for density of 2.67 gm/cm^3 ,
calculated by hand out to a distance
of 2,615 m (zone H of Hammer, 1939);
and calculated by a computer program
beyond zone H, out to a distance of
167 km by methods described by
Donald Plouff (written commun., 1967);
R. R. Wahl, (written commun., undated).
Terrain correction in milligals for

stations 2873C002 through 2873S081, calculated for a density of 2.67 gm/cm³, calculated by hand through Hayford zone N (Hayford and Bowie, 1912). Thirty-six percent of stations 2873C002 through 2873S081 were calculated; the rest were estimated (David and Kinoshita, 1968).

Bouguer anomaly:

Complete Bouguer anomaly calculated by algebraically summing observed gravity and the corrections labeled standard gravity, terrain, free air, curvature, and Bouguer.

References

- Cady, J. W., and Meyer, R. F., 1976, Bouguer gravity anomaly map of the Okanogan, Sandpoint, Ritzville, and Spokane $1^{\circ} \times 2^{\circ}$ quadrangles, northeastern Washington and northern Idaho: U.S. Geol. Survey Geophys. Inv. Map GP-914, in press.
- Davis, W. E. and Kinoshita, W. T., 1968, Principal facts for gravity stations in northeastern Washington: U.S. Geol. Survey open-file report, 12 p.
- Hammer, Sigmund, 1939, Terrain corrections for gravimeter stations: Geophysics, v. 4, no. 3, p. 184-193.
- Hayford, J. F. and Bowie, William, 1912, The effect of topography and isostatic compensation upon the intensity of gravity: U.S. Coast and Geodetic Survey Spec. pub. 10, 132 p.
- International Association of Geodesy, 1971, Geodetic reference system, 1967: Internat. Assn. Geodesy Spec. pub. 3, 116 p.

Source listing

- Bonini, W. E., 1963, Gravity anomalies in Idaho: Idaho Bureau of Mines and Geology, pamph. no. 132, 38 p., 1345 pts. (359 pts. used, 7642354 to 764E626).
- _____, undated, K Series - Washington state gravity data: Princeton University, 185 pts. (19 pts. used, 43940014 to 43940047).
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- Meyer, R. F., and Wilson, D. M., 1975, Principal facts for gravity stations in the Spokane area, Washington: U.S. Geol. Survey open-file report, no. 75-503, 12 p., 267 pts. (all used, SP001 to SACHBASE).
- Peterson, D. L., Gravity data, Rathdrum Prairie, Idaho: U.S. Geol. Survey, unpublished, 361 pts. used, 3400 1 to 3400P206.
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- The following are DOD file data, often unpublished:
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- Hawaii Inst. of Geophysics, 1967, Gravity data in the United States, north-south profiles: Army Map Service (USATOPOCOM), 1651 pts. (15 pts. used, 40990162 to 40990177).
- Mack, J. and Iverson, R. M., 1955, Trip AI, Series M: University of Wisconsin, 435 pts. (8 pts. used, 35070350 to 35070357).
- Ostenso, N. A., 1953, Trip ZZ, Series NI: University of Wisconsin, 1082 pts. (54 pts. used, 35980557 to 35980624).

Rose, J. C., 1949, Trip TT, Series F: University of Wisconsin,
913 pts. (42 pts. used, 35750253 to 35750740).

University of Puget Sound, 1972, Washington regional gravity survey:
(USATOPOCOM) reports 69, 69A and 69B, 557 pts. (79 pts. used,
3747 267 to 3747 346).

A.M.S., Corps of Engineers, undated, Washington state gravity survey:
Army Map Service (USATOPOCOM), 371 pts. (147 pts. used, 25120185
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A.M.S., 1965, Washington state gravity base network project: Army Map
Service (USATOPOCOM), 28 pts. (6 pts. used, 26150006 to 26150011).

DMATC, 1973, Washington regional gravity survey: Defense Mapping
Agency Topographic Center, report no. 96-A, 122 pts. (74 pts.
used, 3916 2 to 3916 132).

TOPOCOM, 1972, Washington regional gravity report: United States Army
Topographic Command report no. 27, 537 pts. (130 pts. used,
3448 249 to 3448 443).

1st G.S.S., 1967, National gravity base net and excenters: Geodetic
Survey Squadron (1st), 252 pts. (3 pts. used, 27330257 to 27330259).

_____, 1969, Gravity data for Montana: Geodetic Survey Squadron (1st),
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_____, 1970, Gravity data for the state of Idaho: Geodetic Survey
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Squadron (1st), 171 pts. (48 pts. used, 51590201 to 51590256).

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PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS IN THE SPOKANE AREA, WASHINGTON
 OKANOGAN, SANDPOINT, RITZVILLE, AND SPOKANE 1'X2' SHEETS. J.W.CADY AND R.F.MEYER

DENSITY: 2.67

STATION IDENTIFICATION	LATITUDE	LOCATION LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
SP001	48 12.39	-117 17.29	669.95	WA	980688.47	-980908.73	1.21	206.66	-75.79	-85.18	
SP002	48 14.69	-117 17.01	664.16	WA	980690.68	-980912.18	0.33	204.88	-75.14	-91.43	
SP010	47 46.38	-117 22.59	559.00	WA	980674.04	-980869.69	-0.09	172.45	-63.26	-86.55	
SP011	47 45.92	-117 26.42	518.46	WA	980681.24	-980869.00	0.55	159.94	-58.68	-65.95	
SP012	47 47.13	-117 29.51	484.63	WA	980688.65	-980870.82	1.83	149.51	-54.86	-85.69	
SP013	47 48.20	-117 24.45	548.03	WA	980677.80	-980872.43	0.17	169.06	-62.02	-87.42	
SP014	47 50.11	-117 29.80	705.31	WA	980650.41	-980875.30	0.29	217.57	-79.78	-86.81	
SP015	47 51.61	-117 26.53	628.50	WA	980667.00	-980877.55	-0.05	193.88	-71.11	-87.83	
SP016	47 55.98	-117 21.44	585.22	WA	980682.29	-980884.11	-0.04	180.53	-66.22	-87.55	
SP017	47 59.22	-117 20.88	598.93	WA	980681.95	-980888.97	0.00	184.76	-67.77	-90.03	
SP018	48 1.94	-117 20.92	646.18	WA	980674.82	-980893.06	-0.01	199.33	-73.11	-92.03	
SP019	48 4.51	-117 20.15	674.83	WA	980673.28	-980896.91	0.32	208.17	-76.34	-91.48	
SP020	47 55.94	-118 0.31	718.72	WA	980635.54	-980884.05	0.36	221.71	-81.29	-107.73	
SP021	47 56.17	-118 1.96	754.99	WA	980629.88	-980884.40	0.43	232.89	-85.39	-106.59	
SP022	47 57.18	-118 3.12	780.29	WA	980622.84	-980885.91	1.13	240.70	-88.24	-109.48	
SP023	47 55.86	-118 4.03	737.62	WA	980632.10	-980883.93	0.56	227.54	-83.43	-107.16	
SP024	47 55.77	-118 5.84	707.75	WA	980637.03	-980883.80	0.96	218.32	-80.06	-107.55	
SP025	47 55.41	-118 7.10	660.50	WA	980648.23	-980883.26	0.66	203.75	-74.72	-105.34	
SP026	47 55.18	-118 8.25	583.39	WA	980663.05	-980862.91	1.18	179.97	-66.02	-104.73	
SP027	47 55.45	-118 9.01	507.80	WA	980677.61	-980863.31	2.51	156.65	-57.48	-104.02	
SP028	47 56.21	-118 9.04	623.62	WA	980661.06	-980884.46	1.33	192.38	-70.56	-100.25	
SP029	47 57.08	-118 8.30	721.16	WA	980645.64	-980865.76	1.35	222.46	-81.57	-97.88	
SP030	47 57.71	-118 7.60	743.71	WA	980635.61	-980886.71	2.24	229.42	-84.11	-103.35	
SP035	47 56.46	-118 5.56	920.80	WA	980597.41	-980884.83	3.28	284.03	-104.09	-104.20	
SP036	48 14.19	-117 13.46	628.19	WA	980696.98	-980911.43	1.63	193.78	-71.07	-90.11	
SP037	48 13.85	-117 10.52	628.19	WA	980696.07	-980910.92	0.83	193.78	-71.07	-91.31	
SP038	48 13.32	-117 6.66	661.72	WA	980690.22	-980910.13	0.66	204.13	-74.86	-89.98	
SP039	48 12.50	-117 3.81	718.41	WA	980677.93	-980908.90	1.54	221.61	-81.26	-89.08	
SP040	48 10.56	-117 3.13	655.93	WA	980687.52	-980905.99	0.27	202.34	-74.21	-90.07	
SP041	48 9.14	-117 6.56	672.69	WA	980685.81	-980903.86	0.54	207.51	-76.10	-86.10	
SP042	48 8.49	-117 9.26	722.38	WA	980672.05	-980902.69	0.00	222.84	-81.71	-89.71	
SP043	48 9.90	-117 11.19	752.86	WA	980666.10	-980905.00	0.05	232.24	-85.15	-91.76	
SP044	48 10.97	-117 13.62	809.85	WA	980657.84	-980906.60	0.08	249.81	-91.58	-90.45	
SP045	48 10.60	-117 15.68	768.71	WA	980664.01	-980906.05	0.25	237.12	-86.94	-91.61	
SP046	48 5.86	-117 16.67	742.49	WA	980660.11	-980898.94	0.38	229.04	-83.98	-93.39	
SP047	48 7.38	-117 11.84	719.63	WA	980669.14	-980901.22	0.03	221.99	-81.40	-91.46	
SP048	48 5.74	-117 13.09	721.16	WA	980666.08	-980898.76	0.18	222.46	-81.57	-91.61	
SP049	48 4.21	-117 14.38	726.95	WA	980664.63	-980896.46	0.53	224.25	-82.22	-89.27	
SP050	48 2.49	-117 14.64	582.17	WA	980691.48	-980893.88	0.63	179.59	-85.86	-88.08	
SP051	48 1.06	-117 18.33	623.32	WA	980679.00	-980891.74	0.01	192.28	-70.52	-90.97	

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WA5

STATION IDENTIFICATION	LATITUDE	LOCATION LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER ANOMALY	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
SP052	47 59.73	-117 15.72	615.70	WA	980678.56	-980889.74	0.14	189.93	-69.66		-90.77	
SP053	47 56.78	-117 15.56	681.23	WA	980662.88	-980885.31	0.19	210.14	-77.06		-89.16	
SP054	47 54.22	-117 18.17	590.70	WA	980675.72	-980881.47	0.08	182.22	-66.84		-90.29	
SP055	47 53.36	-117 22.04	526.08	WA	980688.39	-980880.18	0.13	162.29	-59.54		-88.91	
SP056	47 51.64	-117 20.75	567.84	WA	980676.93	-980877.59	-0.04	175.17	-64.26		-89.79	
SP057	47 51.00	-117 16.88	580.95	WA	980676.05	-980876.63	0.26	179.22	-65.74		-86.84	
SP058	47 47.28	-117 18.21	572.72	WA	980672.62	-980871.05	0.01	176.68	-64.81		-86.55	
SP059	47 49.66	-117 20.84	552.30	WA	980679.64	-980874.62	-0.01	170.38	-62.50		-87.11	
SP060	47 57.26	-117 24.64	655.32	WA	980666.68	-980886.03	-0.10	202.15	-74.14		-91.44	
SP061	47 54.59	-117 26.25	596.80	WA	980672.98	-980862.02	-0.10	184.10	-67.53		-92.57	
SP062	47 55.93	-117 29.84	623.62	WA	980671.69	-980884.04	-0.06	192.38	-70.56		-90.59	
SP063	47 59.40	-117 28.79	657.76	WA	980668.12	-980889.24	-0.09	202.91	-74.41		-92.71	
SP064	48 3.87	-117 40.89	731.52	WA	980653.83	-980895.95	0.11	225.65	-62.74		-99.10	
SP065	48 3.45	-117 44.42	630.33	WA	980671.36	-980895.32	0.39	194.44	-71.32		-100.45	
SP066	48 1.62	-117 43.85	618.74	WA	980671.21	-980892.58	0.30	190.87	-70.01		-100.21	
SP067	47 59.72	-117 43.46	574.55	WA	980682.07	-980889.73	1.31	177.24	-65.02		-94.13	
SP068	47 57.72	-117 44.71	576.07	WA	980676.85	-980886.72	0.78	177.71	-65.19		-96.57	
SP069	47 50.93	-117 51.25	475.18	WA	980691.25	-980876.53	0.40	146.59	-53.79		-92.08	
SP070	47 50.35	-117 45.60	537.67	WA	980688.94	-980875.66	0.99	165.87	-60.85		-80.71	
SP071	47 53.44	-117 41.10	470.92	WA	980706.70	-980880.30	2.86	145.28	-53.31		-78.77	
SP072	47 38.58	-117 33.59	715.98	WA	980636.08	-980857.98	-0.05	220.86	-80.99		-82.08	
SP073	47 36.59	-117 37.47	735.79	WA	980633.53	-980857.99	-0.02	226.97	-83.22		-80.73	
SP074	47 38.60	-117 42.64	704.09	WA	980632.64	-980858.01	-0.03	217.20	-79.64		-87.84	
SP075	47 38.63	-117 46.56	737.62	WA	980621.26	-980858.05	0.00	227.54	-83.43		-92.68	
SP076	47 39.52	-117 50.44	750.72	WA	980619.32	-980859.39	0.01	231.58	-84.91		-93.39	
SP077	47 40.36	-117 58.06	770.84	WA	980616.22	-980860.65	0.06	237.78	-87.18		-93.77	
SP078	47 43.79	-117 59.41	766.57	WA	980625.71	-980865.80	0.16	236.47	-86.69		-90.15	
SP079	47 46.52	-117 59.39	748.59	WA	980637.15	-980869.90	0.26	230.92	-84.67		-86.24	
SP080	47 46.69	-117 57.16	611.73	WA	980662.69	-980870.16	1.83	188.71	-69.22		-86.15	
SP081	47 48.17	-117 53.47	551.99	WA	980673.09	-980872.38	0.42	170.28	-62.47		-91.06	
SP082	47 48.71	-117 55.94	500.48	WA	980684.99	-980873.19	0.89	154.39	-56.65		-89.57	
SP083	48 1.17	-117 35.34	710.49	WA	980659.17	-980891.90	0.20	219.17	-80.37		-93.73	
SP084	47 59.82	-117 35.21	708.05	WA	980662.44	-980889.88	0.03	218.42	-80.09		-89.08	
SP085	47 57.64	-117 36.38	696.47	WA	980664.62	-980886.60	0.23	214.85	-78.78		-85.68	
SP086	47 55.91	-117 36.27	676.96	WA	980667.37	-980884.01	0.14	208.83	-76.58		-84.25	
SP087	47 58.51	-117 32.61	671.78	WA	980667.49	-980887.91	-0.06	207.23	-76.00		-89.25	
SP088	48 0.25	-117 31.32	668.12	WA	980669.16	-980890.52	-0.02	206.10	-75.58		-90.86	
SP089	48 1.99	-117 32.63	694.94	WA	980663.43	-980893.13	0.17	214.37	-78.61		-93.77	
SP090	48 1.07	-117 24.85	685.80	WA	980667.75	-980891.75	-0.02	211.55	-77.58		-90.05	
SP091	48 2.63	-117 24.84	672.39	WA	980672.51	-980894.09	0.09	207.42	-76.07		-90.14	
SP092	48 1.10	-117 27.44	678.18	WA	980666.54	-980891.80	-0.02	209.20	-76.72		-92.80	

BOUGUER GRAVITY DATA

PRINCIPAL FACTS FOR USGS AND DDD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	CORRECTIONS		BOUGUER ANOMALY	SPEC. FIELD
							TERRAIN	FREE-AIR		
SP093	47 53.33	-117 32.41	680.31	WA	980660.99	-980860.13	0.15	209.86	-76.96	-86.09
SP094	47 52.05	-117 36.89	718.72	WA	980654.03	-980878.21	0.39	221.71	-81.29	-83.37
SP095	47 49.84	-117 34.91	657.76	WA	980663.17	-980874.89	0.39	202.91	-74.41	-82.81
SP096	47 40.33	-117 54.24	748.59	WA	980619.79	-980860.60	0.02	230.92	-84.67	-94.54
SP097	47 42.96	-117 55.66	781.81	WA	980620.34	-980864.56	0.22	241.17	-88.41	-91.24
SP098	47 45.56	-117 54.96	733.65	WA	980634.65	-980868.46	0.20	226.31	-82.98	-90.28
SP099	47 42.08	-117 52.58	741.27	WA	980626.36	-980863.23	0.11	228.66	-83.84	-91.94
SP100	47 43.86	-117 49.84	795.53	WA	980621.04	-980865.91	0.27	245.40	-89.96	-89.16
SP101	47 41.24	-117 49.15	772.97	WA	980618.91	-980861.97	0.04	238.44	-87.42	-92.00
SP102	47 42.08	-117 46.54	755.90	WA	980628.73	-980863.23	0.01	233.18	-85.49	-86.80
SP103	47 44.73	-117 46.18	768.71	WA	980634.26	-980867.22	0.08	237.13	-86.94	-82.69
SP104	47 46.47	-117 47.18	768.40	WA	980636.41	-980869.83	0.26	237.03	-86.90	-83.03
SP105	47 46.47	-117 50.44	740.97	WA	980636.90	-980869.83	0.15	228.57	-83.81	-88.02
SP106	47 44.69	-117 42.64	740.97	WA	980641.01	-980867.16	0.02	228.57	-83.81	-81.37
SP107	47 42.08	-117 42.64	755.29	WA	980635.13	-980863.23	0.06	232.99	-85.42	-80.47
SP108	47 42.94	-117 38.75	723.60	WA	980640.03	-980864.53	0.03	223.21	-81.85	-83.11
SP109	47 40.32	-117 38.75	730.00	WA	980633.99	-980860.59	0.02	225.19	-82.57	-83.96
SP110	47 40.60	-117 31.67	666.90	WA	980642.09	-980861.01	-0.06	205.73	-75.45	-88.70
SP111	47 44.45	-117 31.15	495.00	WA	980685.43	-980866.80	0.24	152.70	-56.03	-84.46
SP112	47 44.52	-117 34.20	563.58	WA	980670.72	-980866.90	0.19	173.86	-63.78	-85.91
SP113	47 42.15	-117 35.35	591.62	WA	980661.80	-980863.34	0.59	182.51	-66.94	-85.08
SP114	47 45.44	-117 36.18	675.74	WA	980652.11	-980868.28	0.16	208.45	-76.44	-84.00
SP115	47 46.87	-117 40.11	747.37	WA	980648.61	-980870.43	0.15	230.54	-84.53	-75.66
SP116	47 47.28	-117 44.00	746.76	WA	980644.72	-980871.05	0.21	230.36	-84.46	-80.22
SP117	47 46.56	-117 32.61	486.77	WA	980691.80	-980869.97	0.50	150.17	-55.10	-82.60
SP118	47 48.00	-117 36.19	518.77	WA	980690.28	-980872.13	0.75	160.04	-58.71	-79.77
SP119	47 54.86	-118 5.05	674.83	WA	980643.55	-980882.43	0.70	208.17	-76.34	-106.35
SP120	47 54.47	-118 3.78	684.58	WA	980644.57	-980881.84	0.81	211.18	-77.44	-102.72
SP121	47 54.44	-118 2.84	705.92	WA	980636.92	-980881.80	0.77	217.76	-79.85	-106.20
SP122	47 55.30	-118 2.27	816.86	WA	980618.15	-980883.09	0.57	251.98	-92.37	-104.76
SP123	47 54.38	-118 1.47	805.89	WA	980619.27	-980881.71	0.55	248.59	-91.13	-104.43
SP124	47 55.32	-118 0.32	718.11	WA	980636.97	-980883.12	0.21	221.52	-81.23	-105.65
SP125	47 55.35	-118 3.28	807.72	WA	980615.38	-980883.16	0.77	249.16	-91.34	-109.19
SP126	47 56.83	-118 0.67	757.73	WA	980628.40	-980885.39	0.24	233.74	-85.70	-108.71
SP127	47 57.79	-118 2.03	831.80	WA	980615.45	-980886.83	0.65	256.58	-94.05	-108.20
SP128	47 59.11	-118 2.68	850.39	WA	980613.40	-980888.81	1.80	262.32	-96.15	-107.44
SP129	47 56.89	-118 3.75	830.88	WA	980620.47	-980888.48	1.81	256.30	-93.95	-103.85
SP130	48 0.50	-118 5.87	1062.53	WA	980573.97	-980890.90	3.22	327.74	-120.05	-106.02
SP131	48 0.00	-118 5.05	920.50	WA	980605.99	-980890.15	2.45	283.94	-104.05	-101.82
SP132	47 59.47	-118 4.65	838.20	WA	980614.53	-980889.35	3.63	258.56	-94.77	-107.40
SP133	47 46.39	-117 14.96	597.41	WA	980660.65	-980869.71	0.19	184.29	-67.60	-86.18

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	LOCATION	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	CORRECTIONS		BOUGUER ANOMALY	SPEC. FIELD
								TERRAIN	FREE-AIR		
SP134	47 48.14	-117 12.68	564.61	WA	980674.50	-980872.34		0.85	180.34	-66.15	-82.80
SP135	47 46.04	-117 11.71	668.43	WA	980654.22	-980869.18		0.89	206.20	-75.62	-83.49
SP136	47 49.66	-117 12.39	598.02	WA	980671.43	-980874.62		1.39	184.48	-67.67	-84.99
SP137	47 52.24	-117 9.32	830.58	WA	980627.15	-980878.50		2.51	256.21	-93.91	-86.54
SP138	47 53.18	-117 7.75	959.21	WA	980597.29	-980879.91		3.76	295.88	-108.41	-91.39
SP139	47 54.29	-117 6.06	1378.92	WA	980519.17	-980881.57		5.91	425.30	-155.65	-86.84
SP140	47 54.37	-117 8.86	1211.58	WA	980553.19	-980881.69		5.57	373.70	-136.83	-86.06
SP141	47 53.50	-117 11.88	823.26	WA	980629.94	-980880.39		1.52	253.95	-93.09	-88.07
SP142	47 51.18	-117 13.68	653.49	WA	980662.33	-980876.90		0.72	201.59	-73.93	-86.19
SP143	47 53.09	-117 14.29	670.26	WA	980660.35	-980879.77		0.68	206.76	-75.82	-87.80
SP144	47 55.05	-117 11.72	921.41	WA	980613.26	-980882.71		1.58	284.22	-104.15	-87.80
SP145	47 55.25	-117 9.94	1077.47	WA	980580.73	-980883.02		4.23	332.35	-121.74	-87.45
SP146	47 55.58	-117 13.04	829.06	WA	980628.50	-980883.51		1.12	255.74	-93.74	-91.89
SP147	47 57.54	-117 14.35	699.52	WA	980660.20	-980886.45		0.31	215.79	-79.13	-89.28
SP148	47 57.74	-117 12.67	708.05	WA	980658.77	-980886.75		1.14	218.42	-80.09	-88.51
SP149	47 56.77	-117 12.20	851.92	WA	980629.32	-980885.30		1.06	262.79	-96.32	-88.45
SP150	47 57.26	-117 11.13	789.43	WA	980639.35	-980886.03		1.81	243.52	-89.27	-90.62
SP151	47 45.46	-117 5.62	654.41	WA	980653.56	-980868.31		0.94	201.87	-74.04	-85.98
SP152	47 47.74	-117 7.34	723.60	WA	980642.90	-980871.74		0.64	223.21	-81.85	-86.84
SP153	47 50.24	-117 5.46	732.43	WA	980640.81	-980875.49		4.19	225.94	-82.84	-87.39
SP154	47 47.68	-117 3.70	731.82	WA	980637.61	-980871.65		1.19	225.75	-82.77	-89.87
SP155	47 48.77	-117 0.53	679.70	WA	980648.87	-980873.28		2.06	209.67	-76.89	-89.57
SP156	47 45.91	-117 0.72	670.26	WA	980646.80	-980868.99		0.32	206.76	-75.82	-90.93
SP157	47 50.87	-117 10.01	728.17	WA	980646.12	-980876.44		1.53	224.62	-82.36	-86.53
SP158	47 50.78	-117 8.36	791.87	WA	980623.05	-980876.30		2.06	244.27	-89.55	-96.47
SP159	47 51.93	-117 7.77	914.40	WA	980610.91	-980878.03		2.26	282.06	-103.36	-86.16
SP160	47 58.06	-118 6.62	789.43	WA	980632.18	-980887.23		1.48	243.52	-89.27	-99.32
SP161	47 59.02	-118 6.52	865.63	WA	980597.23	-980888.67		2.31	267.02	-97.87	-119.98
SP162	47 57.39	-118 4.68	1179.58	WA	980537.05	-980886.23		13.57	363.83	-133.23	-105.01
SP163	47 57.32	-118 5.09	1057.66	WA	980567.95	-980886.12		5.88	326.24	-119.51	-105.56
SP164	47 57.00	-118 5.88	1080.21	WA	980559.56	-980885.64		8.67	333.19	-122.04	-106.26
SP165	47 57.32	-118 5.23	1072.90	WA	980564.47	-980886.12		7.05	330.94	-121.22	-104.88
SP166	47 56.98	-118 5.49	1024.43	WA	980572.31	-980885.61		5.26	315.99	-115.76	-107.81
SP167	47 57.03	-118 5.49	1036.02	WA	980573.16	-980885.69		5.61	319.56	-117.07	-104.43
SP169	47 54.02	-117 57.69	658.06	WA	980648.83	-980881.17		1.05	203.00	-74.45	-102.74
SP170	47 54.12	-117 53.35	563.88	WA	980666.14	-980881.32		0.41	173.95	-63.81	-104.63
SP171	47 54.57	-117 48.24	543.15	WA	980678.13	-980881.99		0.43	167.56	-61.47	-97.34
SP172	48 1.73	-117 57.63	769.74	WA	980623.71	-980892.74		0.49	243.61	-89.31	-114.24
SP173	48 1.09	-117 59.53	890.63	WA	980603.84	-980891.78		1.65	274.73	-100.69	-112.25
SP174	48 2.32	-117 59.76	909.83	WA	980614.53	-980893.63		1.81	280.65	-102.85	-99.49
SP175	48 4.25	-117 58.20	760.17	WA	980641.48	-980896.52		1.24	234.49	-85.97	-105.28

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN	CORRECTIONS FREE-AIR	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
SP176	48 5.06	-117 59.89	847.95	WA	980632.96	-980897.74	2.27	261.56	-95.87		-56.82	
SP177	48 3.65	-118 1.15	1128.37	WA	980570.69	-980895.62	3.89	348.04	-127.47		-100.47	
SP178	48 2.29	-118 4.04	1309.42	WA	980529.56	-980893.58	6.19	403.87	-147.84		-101.80	
SP179	48 5.10	-118 1.74	952.20	WA	980615.82	-980897.90	2.85	293.71	-107.62		-23.04	
SP180	48 5.76	-118 3.82	819.91	WA	980642.02	-980898.79	6.00	252.92	-92.71		-90.56	
SP181	48 6.99	-118 1.35	1048.51	WA	980614.70	-980900.63	2.76	323.41	-118.47		-78.23	
SP182	48 8.84	-118 3.01	911.35	WA	980634.96	-980903.41	2.88	281.12	-103.02		-87.47	
SP183	48 11.01	-118 2.47	959.82	WA	980628.18	-980906.67	1.66	296.06	-108.48		-89.25	
SP184	48 10.42	-118 6.72	645.87	WA	980686.72	-980905.78	3.69	199.24	-73.07		-89.20	
SP185	48 13.85	-118 0.90	945.18	WA	980627.45	-980910.92	2.24	291.55	-106.83		-96.51	
SP186	48 12.45	-118 5.03	747.37	WA	980662.22	-980908.82	4.99	230.54	-84.53		-95.60	
SP187	48 5.28	-118 12.18	546.51	WA	980594.96	-980898.07	1.43	168.59	-61.85		-94.94	
SP188	48 3.05	-118 13.22	578.21	WA	980677.45	-980894.72	1.45	178.37	-65.43		-102.88	
SP189	48 0.81	-118 13.01	553.21	WA	980674.80	-980891.36	1.25	170.66	-62.61		-107.26	
SP190	47 57.75	-118 14.04	536.75	WA	980679.61	-980886.77	0.96	165.58	-60.75		-101.37	
SP191	47 56.60	-118 11.02	430.68	WA	980693.90	-980885.04	3.69	132.86	-48.76		-103.35	
SP192	48 5.84	-117 25.32	608.69	WA	980687.66	-980898.91	1.88	187.77	-68.87		-90.47	
SP193	48 4.09	-117 28.77	739.14	WA	980657.29	-980896.28	0.71	228.00	-83.60		-93.88	
SP194	48 5.84	-117 27.47	748.28	WA	980655.48	-980898.91	1.56	230.92	-84.63		-95.68	
SP195	48 5.94	-117 32.54	795.53	WA	980639.94	-980899.06	2.98	245.40	-89.96		-100.70	
SP196	48 6.76	-117 34.24	798.58	WA	980641.90	-980900.29	1.79	246.34	-90.30		-100.56	
SP197	48 6.44	-117 37.12	765.66	WA	980646.27	-980899.81	0.25	236.18	-86.59		-103.70	
SP198	48 5.95	-117 41.28	687.63	WA	980661.91	-980899.07	0.29	212.12	-77.79		-102.54	
SP199	48 5.59	-117 44.73	621.49	WA	980678.14	-980898.53	0.40	191.72	-70.32		-98.59	
SP200	48 1.85	-117 42.17	620.57	WA	980674.35	-980892.92	1.22	191.43	-70.21		-96.13	
SP201	48 2.00	-117 38.94	833.32	WA	980635.17	-980893.15	0.86	257.05	-94.22		-94.29	
SP202	48 5.37	-117 55.09	808.33	WA	980636.18	-980898.20	2.47	249.34	-91.40		-101.61	
SP203	48 2.85	-118 3.75	1296.01	WA	980532.92	-980894.42	5.45	399.73	-146.33		-102.65	
SP204	48 1.85	-118 4.88	1337.46	WA	980521.77	-980892.92	7.27	412.51	-150.99		-102.36	
SP205	48 1.69	-118 6.45	1309.42	WA	980528.53	-980892.68	6.75	403.87	-147.84		-101.37	
SP206	48 5.59	-118 10.26	715.06	WA	980659.92	-980898.53	1.38	220.58	-80.88		-97.53	
SP207	48 5.14	-118 7.65	812.29	WA	980636.57	-980897.86	1.58	250.57	-91.85		-100.99	
SP208	48 3.83	-118 9.61	643.13	WA	980664.43	-980895.89	2.11	198.39	-72.76		-103.72	
SP209	48 3.46	-118 7.13	808.33	WA	980630.52	-980895.34	2.12	249.34	-91.40		-104.76	
SP210	48 1.17	-118 10.00	751.33	WA	980642.19	-980891.90	1.63	231.76	-84.97		-101.29	
SP211	48 3.18	-118 5.84	866.24	WA	980622.18	-980894.92	5.61	267.20	-97.94		-97.87	
SP212	48 2.79	-118 4.80	1014.98	WA	980595.02	-980894.33	5.43	313.07	-114.70		-95.51	
SP213	48 6.39	-117 9.20	629.41	WA	980687.50	-980899.73	1.84	194.16	-71.21		-87.64	
SP214	48 2.76	-117 10.47	733.96	WA	980660.34	-980894.29	1.05	226.41	-83.01		-89.50	
SP215	48 2.56	-117 7.83	902.21	WA	980631.13	-980893.99	2.67	278.30	-101.99		-83.88	
SP216	48 4.57	-117 7.23	766.88	WA	980658.14	-980897.00	0.64	236.56	-86.73		-88.39	

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LOCATION LONGITUDE	ELEV. ST.	OBSERVED GRAVITY STD. GRV.	TERRAIN	CORRECTIONS FREE-AIR	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
SP217	48 4.50	-117 4.73	738.23 WA	980666.65	-980896.90	0.31	-83.50		-85.72	
SP218	48 6.44	-117 4.61	716.89 WA	980672.97	-980899.81	0.30	-81.09		-86.49	
SP219	48 7.36	-117 1.31	717.80 WA	980674.02	-980901.19	0.25	-81.19		-86.69	
SP220	48 5.13	-117 1.33	715.06 WA	980670.62	-980897.84	0.53	-80.88		-86.99	
SP221	48 2.55	-117 1.87	688.85 WA	980676.83	-980893.97	0.92	-77.92		-81.65	
SP222	48 1.17	-116 59.35	694.94 WA	980670.30	-980891.90	0.66	-78.61		-85.18	
SP223	48 0.30	-116 54.71	696.77 WA	980668.44	-980890.60	0.88	-78.82		-87.16	
SP224	47 53.24	-116 52.24	731.82 WA	980643.37	-980880.00	0.43	-82.77		-93.22	
SP225	47 53.37	-116 57.02	713.84 WA	980650.09	-980880.19	2.24	-80.74		-88.40	
SP226	47 52.87	-117 1.18	856.49 WA	980622.30	-980879.44	4.00	-96.84		-85.78	
SP227	47 56.67	-116 55.95	763.83 WA	980646.87	-980885.15	3.07	-86.38		-85.97	
SP228	47 55.51	-117 0.53	792.78 WA	980641.82	-980883.40	2.02	-89.65		-84.66	
SP229	47 57.92	-116 52.05	762.42 WA	980639.73	-980887.02	0.16	-88.48		-94.26	
SP230	47 59.83	-117 3.99	729.39 WA	980664.93	-980889.89	1.11	-82.50		-81.35	
SP231	47 59.83	-117 8.08	905.26 WA	980626.18	-980869.89	1.04	-102.33		-65.76	
SP232	47 59.74	-117 10.91	766.88 WA	980651.47	-980889.76	0.67	-86.73		-87.79	
SP233	47 59.30	-117 13.78	635.81 WA	980674.54	-980889.09	0.41	-71.94		-89.94	
SP234	47 51.16	-117 57.60	665.68 WA	980651.49	-980876.87	0.83	-75.31		-94.51	
SP235	47 51.50	-118 2.21	711.40 WA	980639.76	-980877.38	0.58	-80.47		-98.06	
SP236	47 50.03	-118 3.91	556.26 WA	980671.65	-980875.18	0.79	-82.95		-94.09	
SP237	47 48.88	-118 0.93	425.20 WA	980697.40	-980873.45	3.19	-48.14		-89.83	
SP238	47 53.15	-118 4.64	724.20 WA	980631.01	-980879.86	0.49	-81.91		-106.87	
SP239	47 50.76	-118 19.66	555.65 WA	980671.69	-980876.27	1.55	-62.88		-94.50	
SP240	47 48.22	-118 16.41	470.31 WA	980686.81	-980872.46	3.06	-53.24		-90.74	
SP241	47 46.03	-118 13.93	754.99 WA	980632.89	-980869.17	0.25	-85.39		-88.52	
SP242	47 45.99	-118 7.77	667.51 WA	980648.64	-980869.11	0.73	-75.51		-89.34	
SP243	47 49.49	-118 11.95	769.01 WA	980629.19	-980874.37	0.37	-86.97		-94.56	
SP244	47 53.56	-118 13.72	743.10 WA	980635.68	-980880.48	0.82	-84.05		-98.80	
SP245	47 45.56	-118 0.68	778.46 WA	980626.54	-980868.46	0.52	-68.04		-69.31	
SP246	47 44.66	-118 3.13	541.32 WA	980668.45	-980867.11	2.94	-61.26		-89.99	
SP247	47 42.95	-118 5.17	765.66 WA	980622.05	-980864.54	0.12	-86.59		-92.77	
SP248	47 42.07	-118 12.26	744.83 WA	980627.35	-980863.22	0.10	-84.22		-90.29	
SP249	47 44.70	-118 12.27	754.38 WA	980629.73	-980867.17	0.15	-85.32		-89.90	
SP250	47 42.07	-118 15.83	725.12 WA	980633.38	-980863.22	0.07	-82.02		-88.11	
SP251	48 14.09	-117 48.62	629.72 WA	980693.83	-980911.26	1.33	-71.25		-93.11	
SP252	48 13.60	-117 52.94	837.39 WA	980658.19	-980910.55	1.61	-94.67		-87.15	
SP253	48 11.35	-117 52.75	775.72 WA	980664.34	-980907.18	2.30	-87.73		-88.98	
SP254	48 9.90	-117 54.58	847.34 WA	980646.79	-980905.00	3.73	-95.80		-68.91	
SP255	48 10.33	-117 56.35	938.17 WA	980630.64	-980905.65	5.56	-106.04		-86.10	
SP256	48 10.01	-117 58.97	1470.66 WA	980525.49	-980905.17	8.35	-165.96		-83.71	
SP257	48 11.40	-117 48.14	601.68 WA	980690.92	-980907.25	1.05	-68.08		-97.75	

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LOCATION LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN	CORRECTIONS FREE-AIR	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
• SP258	48 10.56	-117 45.10	516.64	WA	980705.53	-980905.99	0.89	159.38	-58.47		-98.66	
• SP259	48 7.42	-117 48.40	644.96	WA	980676.48	-980901.28	0.46	198.96	-72.97		-98.35	
• SP260	48 8.86	-117 48.87	737.62	WA	980663.26	-980903.44	0.60	227.54	-63.43		-95.47	
• SP261	48 7.82	-117 52.65	721.46	WA	980662.08	-980901.88	2.27	222.55	-81.60		-96.58	
• SP262	48 6.70	-117 54.88	789.74	WA	980648.41	-980900.20	1.43	243.61	-89.31		-96.08	
• SP263	48 5.06	-117 50.19	748.89	WA	980642.93	-980897.74	0.22	231.01	-84.70		-108.28	
• SP264	48 1.23	-117 50.22	779.98	WA	980628.85	-980891.99	0.30	240.60	-88.21		-110.45	
• SP265	48 8.77	-117 39.20	706.83	WA	980668.07	-980903.31	0.72	218.04	-79.95		-100.43	
• SP266	48 10.19	-117 35.25	816.86	WA	980647.69	-980905.44	1.38	251.97	-92.37		-96.77	
• SP267	48 12.18	-117 34.89	788.52	WA	980657.27	-980908.42	1.93	243.23	-89.17		-95.16	
• SP268	48 12.44	-117 39.31	576.99	WA	980697.93	-980908.81	3.01	177.99	-65.29		-95.17	
• SP269	48 14.20	-117 26.90	886.36	WA	980648.90	-980911.45	2.39	273.41	-100.20		-90.95	
• SP270	48 11.49	-117 21.00	737.31	WA	980670.92	-980907.39	1.46	227.44	-83.39		-90.96	
• SP271	47 52.06	-117 47.40	577.60	WA	980675.43	-980878.23	0.23	178.18	-65.36		-89.75	
• SP272	47 52.06	-117 55.06	724.81	WA	980642.63	-980878.23	0.51	223.59	-81.98		-93.48	
• SP273	47 55.60	-117 54.41	739.14	WA	980629.11	-980883.54	0.30	228.01	-83.60		-109.72	
• SP274	47 56.93	-117 56.12	743.10	WA	980630.01	-980885.54	0.11	229.23	-84.05		-110.24	
• SP275	47 57.01	-117 59.52	744.93	WA	980630.75	-980885.66	0.26	229.79	-84.25		-109.11	
• SP276	47 57.48	-117 5.96	848.87	WA	980634.00	-980886.96	3.33	261.85	-95.98		-83.76	
• SP277	47 55.26	-117 6.77	1792.53	WA	980421.20	-980883.03	15.08	552.81	-202.07		-96.01	
• LOONBASE	48 3.61	-117 37.17	733.65	WA	980652.89	-980895.56	0.12	226.31	-82.98		-99.22	
• SACHBASE	48 10.06	-117 17.97	686.71	WA	980677.84	-980905.24	0.48	211.83	-77.68		-92.77	
• 7642354	48 12.10	116 43.50	645.90		980688.57	-980908.30		199.25	-73.07		-93.55	
• 764A271	47 20.00	116 53.00	823.00		980571.97	-980830.04		253.87	-93.06		-97.26	
• 764A272	47 41.10	116 46.80	662.90		980628.97	-980861.76		204.49	-74.99		-103.29	
• 764A273	47 33.10	116 19.90	653.20		980610.27	-980849.74		201.50	-73.90		-111.87	
• 764D308	48 36.10	116 0.20	686.10		980671.97	-980944.27		211.64	-77.61		-138.27	
• 764D310	48 41.10	116 3.30	676.00		980679.37	-980951.75		208.53	-76.47		-140.32	
• 764D311	48 44.00	116 6.10	702.90		980683.47	-980956.09		216.82	-79.51		-135.31	
• 764D312	48 43.00	116 13.70	679.40		980687.97	-980954.60		209.58	-76.86		-133.91	
• 764D313	48 41.40	116 18.60	541.60		980709.67	-980952.20		167.07	-61.29		-136.75	
• 764D314	48 45.80	116 17.20	703.20		980685.47	-980958.79		216.92	-79.54		-134.94	
• 764D315	48 49.70	116 19.90	630.30		980696.67	-980964.62		194.43	-71.31		-144.83	
• 764D316	48 53.60	116 21.60	658.10		980696.87	-980970.46		203.01	-74.45		-145.03	
• 764D317	48 56.80	116 17.00	843.40		980677.87	-980975.24		260.15	-95.36		-132.58	
• 764D318	48 57.20	116 24.80	659.30		980715.07	-980975.84		203.38	-74.59		-131.98	
• 764D319	48 59.70	116 27.80	645.00		980718.67	-980979.58		198.97	-72.97		-134.91	
• 764D320	48 59.80	116 29.90	546.80		980735.27	-980979.73		168.68	-61.88		-137.66	
• 764D327	48 59.70	116 10.60	804.40		980681.67	-980979.58		248.13	-90.96		-140.74	
• 764D328	48 55.90	116 10.50	776.60		980684.57	-980973.90		239.55	-87.83		-137.61	
• 764D329	48 51.30	116 9.60	744.00		980681.97	-980967.02		229.50	-84.15		-139.70	

PRINCIPAL FACIS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	BOUGUER SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
• 764D330	48 48.50	116 12.60	839.40		980664.17	-980962.83	258.92	-94.91	-134.65	
• 764D331	48 46.90	116 9.40	718.70		980687.87	-980960.43	221.70	-81.29	-132.15	
• 764D332	48 37.00	116 3.00	555.30		980697.87	-980945.62	171.30	-62.84	-139.29	
• 764D333	48 35.20	116 9.00	893.10		980629.57	-980942.92	275.48	-100.96	-138.83	
• 764D334	48 33.80	116 15.90	1339.90		980535.47	-980940.82	413.26	-151.26	-143.35	
• 764D335	48 34.10	116 24.00	613.30		980678.67	-980941.27	189.19	-69.39	-142.80	
• 764D336	48 38.80	116 23.10	561.40		980702.37	-980948.31	173.18	-63.53	-136.29	
• 764D337	48 30.20	116 27.20	644.30		980672.77	-980935.43	198.75	-72.89	-136.80	
• 764D338	48 25.90	116 29.40	652.00		980671.37	-980928.99	201.13	-73.76	-130.25	
• 764D340	48 16.70	116 33.30	635.50		980666.07	-980915.20	196.04	-71.90	-124.99	
• 764D341	48 15.30	116 39.20	634.90		980681.67	-980913.10	195.85	-71.83	-107.41	
• 764D343	48 9.20	116 48.90	631.90		980685.87	-980903.95	194.93	-71.49	-94.64	
• 764D344	48 10.50	116 55.00	633.70		980686.67	-980905.90	195.48	-71.70	-95.45	
• 764D345	48 10.70	116 58.80	668.10		980681.37	-980906.20	206.09	-75.58	-94.32	
• 764D346	48 10.90	117 2.90	656.20		980687.37	-980906.50	202.42	-74.24	-90.95	
• 764D347	48 13.40	117 8.40	628.50		980695.57	-980910.25	193.88	-71.11	-91.91	
• 764D348	48 14.70	117 14.30	632.80		980695.07	-980912.20	195.21	-71.60	-93.52	
• 764D349	48 18.90	117 17.50	628.50		980692.57	-980918.50	193.88	-71.11	-103.16	
• 764D350	48 23.30	117 18.70	627.30		980700.77	-980925.09	193.51	-70.97	-101.78	
• 764D351	48 27.50	117 19.70	631.50		980705.37	-980931.39	194.80	-71.45	-102.67	
• 764D352	48 31.30	117 18.10	631.20		980704.97	-980937.08	194.71	-71.41	-108.81	
• 764D353	48 35.00	117 21.20	631.50		980700.87	-980942.62	194.80	-71.45	-118.40	
• 764D355	48 44.20	117 25.10	638.30		980706.87	-980956.39	196.90	-72.22	-124.84	
• 764D356	48 46.10	117 18.00	816.90		980663.37	-980959.24	251.98	-92.37	-136.26	
• 764D357	48 50.70	117 17.30	768.70		980683.47	-980966.12	237.12	-86.93	-132.46	
• 764D357	48 50.70	117 50.70	768.70		980689.47	-980966.12	237.12	-86.93	-126.46	
• 764D358	48 48.80	117 10.80	1310.60		980563.77	-980963.28	404.22	-147.97	-143.26	
• 764D359	48 47.30	117 4.30	1279.60		980563.67	-980961.03	394.67	-144.48	-147.17	
• 764D360	48 42.20	117 2.20	902.20		980641.67	-980953.40	278.29	-101.99	-135.43	
• 764D361	48 39.20	116 57.10	804.10		980660.97	-980948.91	248.04	-90.93	-130.83	
• 764D362	48 34.20	116 57.30	784.90		980665.17	-980941.42	242.12	-88.76	-122.89	
• 764D363	48 30.40	116 54.90	766.60		980670.67	-980935.73	236.47	-86.70	-115.29	
• 764D364	48 27.10	116 54.80	763.50		980675.07	-980930.79	235.52	-86.35	-106.55	
• 764D365	48 24.00	116 58.20	739.10		980673.97	-980926.14	227.99	-83.59	-107.77	
• 764D366	48 19.60	116 59.10	720.50		980677.77	-980919.55	222.25	-81.50	-101.03	
• 764D367	48 15.60	116 55.90	712.60		980678.57	-980913.55	219.82	-80.60	-95.76	
• 764D368	48 12.60	116 33.40	672.40		980664.17	-980909.05	207.42	-76.07	-113.53	
• 764D369	48 8.80	116 36.20	680.60		980657.47	-980903.35	209.95	-76.99	-112.92	
• 764D370	48 4.40	116 38.00	688.50		980648.27	-980896.75	212.39	-77.88	-113.97	
• 764D371	48 0.40	116 40.00	713.20		980639.17	-980890.75	220.00	-80.67	-112.25	
• 764D372	47 56.80	116 43.00	728.50		980633.77	-980885.34	224.72	-82.40	-109.25	

BOUGUER GRAVITY DATA

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	LOCATION	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER ANOMALY	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
764D373	47 56.60	116 48.10	767.80	980632.47	-980885.04	236.84	-86.83	-102.56					
764D375	48 0.40	116 57.10	694.90	980666.77	-980890.75	214.36	-78.61	-85.23					
764D376	48 3.10	117 1.20	699.80	980672.77	-980894.80	215.87	-79.16	-85.32					
764D377	48 7.00	117 1.40	710.20	980673.27	-980900.65	219.08	-80.33	-88.63					
764D378	48 18.20	116 52.80	683.10	980695.17	-980917.45	210.72	-77.27	-88.83					
764D379	48 22.40	116 49.80	746.80	980684.57	-980923.74	230.37	-84.46	-93.26					
764D380	48 25.50	116 50.10	789.40	980675.67	-980928.39	243.50	-89.27	-98.49					
764D381	48 28.10	117 0.80	764.10	980667.47	-980932.28	235.70	-86.42	-115.53					
764D382	48 30.60	117 6.10	1218.90	980567.97	-980936.03	375.95	-137.65	-129.76					
764D383	48 29.80	117 11.30	968.70	980630.87	-980934.83	298.80	-109.48	-114.64					
764D385	48 44.10	117 35.30	882.40	980667.07	-980955.24	272.18	-99.76	-116.75					
764D387	48 42.20	117 43.90	811.40	980678.07	-980953.40	250.29	-91.75	-116.79					
764D388	48 38.00	117 46.60	691.90	980702.27	-980947.11	213.43	-78.27	-109.68					
764D389	48 35.10	117 49.80	627.90	980713.47	-980942.77	193.69	-71.04	-106.65					
764D390	48 32.50	117 54.20	495.30	980733.67	-980938.88	152.79	-56.06	-108.48					
764D391	48 28.40	117 53.20	484.00	980723.87	-980932.73	149.31	-54.79	-114.34					
764D392	48 24.80	117 50.60	518.50	980720.67	-980927.34	159.95	-58.68	-105.40					
764D393	48 21.40	117 50.10	498.30	980725.87	-980922.24	153.72	-56.40	-99.05					
764D394	48 18.70	117 47.20	517.20	980720.67	-980918.20	159.55	-58.54	-96.52					
764D395	48 16.80	117 43.30	508.70	980710.87	-980915.35	156.93	-57.58	-105.13					
764D396	48 18.10	117 38.20	976.00	980627.07	-980917.30	301.05	-110.31	-99.49					
764D397	48 18.60	117 34.30	1193.90	980585.27	-980918.05	368.24	-134.84	-99.38					
764D399	48 15.70	117 22.80	765.00	980673.87	-980913.70	235.98	-86.52	-90.37					
764D400	48 10.90	117 18.60	717.80	980677.17	-980906.50	221.42	-81.19	-89.10					
764D401	48 5.80	117 17.00	749.50	980659.87	-980898.85	231.20	-84.77	-92.55					
764D402	48 7.00	117 12.00	724.80	980668.17	-980900.65	223.58	-81.98	-90.88					
764D403	48 8.70	117 7.40	693.40	980681.47	-980903.20	213.90	-78.44	-86.27					
764D404	48 19.30	116 28.90	646.50	980664.77	-980919.10	199.43	-73.14	-128.04					
764D405	48 19.20	116 22.40	632.50	980661.77	-980918.95	195.11	-71.56	-133.63					
764D406	48 14.90	116 18.70	652.60	980651.67	-980912.50	201.31	-73.83	-133.35					
764D407	48 11.60	116 14.60	638.60	980647.77	-980907.55	197.00	-72.25	-135.03					
764D408	48 8.40	116 10.60	634.60	980643.47	-980902.75	195.76	-71.80	-135.32					
764D409	48 5.50	116 6.20	679.70	980640.77	-980898.40	209.67	-76.89	-124.85					
764D410	48 5.40	116 0.10	700.40	980629.27	-980898.25	216.06	-79.23	-132.15					
764D414	47 57.20	116 0.40	1521.30	980455.67	-980885.94	469.20	-171.64	-132.71					
764D415	47 57.20	116 5.70	1029.60	980562.37	-980885.94	317.58	-116.35	-122.34					
764D416	47 56.70	116 11.40	1349.70	980496.67	-980885.19	416.29	-152.36	-124.59					
764D417	47 53.00	116 12.50	900.70	980581.97	-980878.64	277.83	-101.82	-121.66					
764D418	47 51.30	116 6.30	852.20	980586.47	-980877.08	262.88	-96.35	-124.08					
764D419	47 47.20	116 4.50	813.50	980585.97	-980870.93	250.94	-91.99	-126.01					
764D422	47 38.80	116 4.30	708.40	980592.37	-980858.31	218.53	-80.13	-127.54					

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PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	LOCATION	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	BOUGUER ANOMALY	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
• 764D423	47 37.70	116 10.90		681.50		980596.77	-980856.65	210.23	-77.09		-126.74	
• 764D424	47 34.10	116 15.50		664.50		980602.77	-980851.24	204.99	-75.17		-118.65	
• 764D425	48 5.20	116 47.50		671.50		980670.87	-980897.95	207.14	-75.90		-95.90	
• 764D426	48 1.00	116 48.90		673.30		980662.97	-980891.65	207.70	-76.17		-97.15	
• 764D427	47 53.30	116 42.90		710.20		980635.07	-980880.09	219.08	-80.33		-106.27	
• 764D428	47 49.70	116 46.20		705.00		980627.47	-980874.68	217.48	-79.75		-109.48	
• 764D429	47 45.50	116 47.40		693.10		980623.57	-980868.37	213.61	-78.40		-109.39	
• 764D430	47 42.70	116 53.60		663.00		980631.97	-980864.17	206.37	-75.68		-101.51	
• 764D431	47 48.70	116 53.80		673.90		980647.17	-980873.18	207.88	-76.24		-94.37	
• 764D432	47 53.20	116 51.00		737.90		980637.17	-980879.94	227.62	-83.46		-98.61	
• 764D433	47 59.40	117 4.40		735.40		980659.37	-980889.24	227.16	-83.29		-86.00	
• 764D434	47 59.30	117 10.60		715.70		980658.77	-980889.09	220.78	-80.95		-90.49	
• 764D435	47 59.80	117 16.50		618.40		980677.67	-980889.85	190.77	-69.97		-91.38	
• 764D436	47 58.20	117 21.10		603.80		980680.97	-980887.44	186.26	-68.32		-88.53	
• 764D437	47 57.30	117 28.60		644.00		980667.57	-980886.09	198.66	-72.86		-92.72	
• 764D438	47 59.70	117 33.60		685.50		980665.27	-980889.69	211.46	-77.54		-90.50	
• 764D439	48 3.70	117 37.90		735.80		980651.27	-980895.70	226.97	-83.22		-100.68	
• 764D440	48 3.30	117 44.60		631.20		980668.87	-980895.10	194.71	-71.41		-102.93	
• 764D441	48 2.90	117 51.20		677.30		980649.27	-980894.50	208.93	-76.62		-112.92	
• 764D442	48 2.60	117 56.10		733.30		980641.07	-980894.05	226.20	-82.94		-109.72	
• 764D443	48 5.20	118 1.20		1061.00		980595.47	-980897.95	327.27	-119.88		-95.09	
• 764D444	48 7.30	118 6.40		694.60		980672.77	-980901.10	214.27	-78.57		-92.63	
• 764D445	48 6.90	118 12.20		507.20		980708.77	-980900.50	156.47	-57.41		-92.67	
• 764D446	48 11.10	118 10.00		538.00		980706.97	-980906.80	165.97	-60.89		-94.75	
• 764D447	48 15.10	118 7.40		407.80		980729.37	-980912.80	125.80	-46.17		-103.80	
• 764D448	48 18.40	118 8.60		412.40		980736.07	-980917.75	127.22	-46.69		-101.18	
• 764D449	48 18.30	118 2.00		885.10		980636.77	-980917.60	273.02	-100.06		-107.87	
• 764D450	48 12.30	117 43.00		520.90		980711.67	-980908.60	160.69	-58.96		-95.20	
• 764D451	48 7.50	117 45.00		534.60		980697.77	-980901.40	164.92	-60.50		-99.21	
• 764D452	48 2.50	117 20.90		650.70		980676.77	-980893.90	200.73	-73.62		-90.02	
• 764D453	48 2.10	116 9.20		1335.30		980500.77	-980893.30	411.65	-150.75		-131.43	
• 764D454	48 3.90	116 14.90		1456.60		980472.17	-980896.00	449.25	-164.38		-138.96	
• 764D455	48 0.70	116 19.80		1547.50		980453.47	-980891.20	477.27	-174.58		-135.04	
• 764D456	47 56.80	116 22.30		1479.20		980459.77	-980885.34	456.22	-166.92		-136.27	
• 764D457	47 53.40	116 27.30		1493.50		980457.37	-980880.24	460.63	-169.52		-130.76	
• 764D458	47 49.70	116 30.00		929.60		980574.07	-980874.68	286.75	-105.08		-119.94	
• 764D459	47 44.30	116 28.20		846.70		980555.67	-980866.57	261.18	-95.73		-115.45	
• 764D460	47 41.70	116 22.80		769.10		980590.37	-980862.66	236.94	-86.87		-122.22	
• 764D461	47 37.80	116 21.00		707.80		980601.97	-980856.80	218.71	-80.20		-116.32	
• 764D462	47 32.70	116 25.40		662.30		980610.07	-980849.14	204.31	-74.93		-109.69	
• 764D463	47 32.30	116 28.90		655.60		980614.87	-980848.54	202.24	-74.17		-105.60	

PRINCIPAL FACIES FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LOCATION LONGITUDE	ELEV. ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER ANOMALY	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
764D464	47 30.20	116 32.60	651.10	980619.47	-980845.38		200.85	-73.66		-98.72	
764D465	47 27.50	116 36.60	652.90	980619.77	-980841.32		201.41	-73.86		-94.00	
764D466	47 22.70	116 39.50	841.20	980571.17	-980834.10		259.49	-95.11		-98.55	
764D467	47 26.40	116 44.50	805.90	980585.07	-980839.67		248.60	-91.13		-97.13	
764D468	47 29.60	116 48.60	652.60	980622.57	-980844.48		201.32	-73.83		-94.42	
764D469	47 33.90	116 47.20	681.20	980623.77	-980850.94		210.14	-77.06		-94.09	
764D470	47 37.60	116 46.00	680.00	980624.37	-980856.50		209.77	-76.92		-99.28	
764D471	47 37.40	116 38.40	652.30	980622.47	-980856.20		201.22	-73.80		-106.31	
764D472	47 38.50	116 42.90	673.30	980625.57	-980857.86		207.70	-76.17		-100.76	
764D473	47 37.40	116 31.70	815.90	980589.77	-980856.20		251.68	-92.26		-107.01	
764D474	47 34.50	116 26.30	659.00	980613.87	-980851.84		203.29	-74.55		-109.23	
764D475	47 32.00	116 7.10	702.60	980587.97	-980848.09		216.74	-79.48		-122.86	
764D476	47 30.80	116 0.70	750.10	980572.77	-980846.28		231.39	-84.84		-126.96	
764D487	47 42.90	117 0.00	647.40	980642.97	-980864.47		199.71	-73.24		-95.03	
764D488	47 40.20	117 5.50	634.00	980646.47	-980860.41		195.58	-71.73		-90.09	
764D489	47 41.70	117 12.00	622.70	980653.27	-980862.66		192.09	-70.45		-87.75	
764D490	47 41.00	117 19.50	594.40	980660.37	-980861.61		183.36	-67.26		-85.14	
764D491	47 43.10	117 24.60	627.90	980654.47	-980864.77		193.70	-71.04		-87.64	
764D492	47 47.80	117 25.00	554.70	980677.07	-980871.83		171.12	-62.77		-86.41	
764D493	47 52.10	117 25.80	644.30	980660.47	-980878.28		198.75	-72.89		-91.95	
764D494	47 53.30	117 33.70	666.60	980663.37	-980880.09		205.63	-75.41		-86.50	
764D495	47 48.70	117 33.70	505.10	980689.77	-980873.18		155.82	-57.17		-84.76	
764D496	47 50.90	117 38.00	549.90	980685.47	-980876.48		169.64	-62.23		-83.60	
764D497	47 53.70	117 40.50	485.20	980703.27	-980880.69		149.68	-54.92		-82.66	
764D498	47 57.50	117 44.90	565.10	980677.77	-980886.39		174.33	-63.95		-98.24	
764D499	48 0.20	117 43.80	578.80	980680.77	-980890.45		178.55	-65.50		-96.63	
764D500	47 56.10	117 50.00	560.50	980673.97	-980884.29		172.91	-63.43		-100.84	
764D501	47 53.40	117 59.20	735.80	980633.37	-980880.24		226.98	-83.22		-103.11	
764D502	47 49.60	117 54.20	535.20	980677.37	-980874.53		165.10	-60.57		-92.63	
764D503	47 44.40	117 52.80	700.40	980638.37	-980866.72		216.06	-79.23		-91.52	
764D504	47 40.30	117 52.90	760.80	980618.97	-980860.56		234.69	-86.04		-92.94	
764D505	47 40.20	117 59.40	763.20	980616.47	-980860.41		235.43	-86.31		-94.82	
764D506	47 40.20	118 4.60	747.40	980620.97	-980860.41		230.55	-84.53		-93.42	
764D507	47 39.20	118 8.70	738.80	980622.07	-980858.91		227.90	-83.66		-92.50	
764D508	47 43.70	118 8.90	805.60	980615.87	-980865.67		248.50	-91.10		-92.40	
764D509	47 47.30	118 10.10	766.90	980629.27	-980871.08		236.57	-86.73		-91.97	
764D510	47 51.50	118 13.00	784.90	980626.17	-980877.38		242.12	-88.76		-97.85	
764D511	47 54.40	118 18.90	416.40	980704.57	-980881.74		128.46	-47.14		-95.85	
764D512	47 57.70	118 18.40	721.50	980643.17	-980886.69		222.56	-81.61		-102.57	
764D513	48 0.60	116 14.90	563.00	980672.17	-980891.05		173.68	-63.71		-108.91	
764D514	48 4.10	118 12.00	551.40	980686.07	-980896.30		170.10	-62.40		-102.53	

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	LOCATION	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	CORRECTIONS		BOUGUER ANOMALY	SPEC. FIELD
								TERRAIN	FREE-AIR		
• 764D516	48 15.50	118 0.50	765.80			980657.87	-980913.40		242.39	-88.86	-102.00
• 764D517	48 18.00	117 55.20	670.60			980685.07	-980917.15		206.66	-75.86	-101.08
• 764D518	48 21.60	117 43.40	794.60			980664.67	-980922.54		245.11	-89.86	-102.62
• 764D519	48 25.00	117 36.60	1047.90			980610.87	-980927.64		323.22	-118.41	-111.96
• 764D520	48 30.80	117 48.30	670.30			980691.97	-980936.33		206.77	-75.83	-113.42
• 764D521	48 30.60	117 42.20	826.90			980663.97	-980936.03		255.07	-93.50	-110.49
• 764D523	48 36.10	117 33.10	946.70			980634.17	-980944.27		292.01	-107.01	-125.10
• 764D524	48 39.50	117 28.80	972.00			980634.47	-980949.36		299.82	-109.86	-124.93
• 764D525	48 47.90	117 25.30	624.50			980704.17	-980961.93		192.64	-70.66	-135.78
• 764D526	48 51.70	117 22.20	637.30			980713.07	-980967.61		196.59	-72.10	-130.05
• 764D527	48 55.50	117 18.80	755.30			980698.47	-980973.30		232.98	-85.42	-127.27
• 764D528	49 0.00	117 18.00	780.00			980693.97	-980980.02		240.60	-88.21	-123.66
• 764D533	49 0.00	117 49.80	666.00			980729.77	-980980.02		205.44	-75.34	-120.15
• 764D535	48 54.80	117 47.10	404.50			980771.37	-980972.25		124.78	-45.80	-121.90
• 764D536	48 57.20	117 40.80	409.30			980778.97	-980975.84		126.27	-46.34	-116.94
• 764D537	48 54.90	117 34.80	638.90			980728.57	-980972.40		197.08	-72.28	-119.03
• 764D538	48 51.40	117 36.30	606.60			980723.57	-980967.17		187.12	-68.64	-125.12
• 764D539	48 49.40	117 41.00	584.00			980736.07	-980964.17		180.15	-66.08	-114.03
• 764D540	48 52.80	117 42.80	563.60			980742.47	-980968.26		173.86	-63.78	-116.71
• 764D541	48 57.20	117 52.90	613.00			980739.57	-980975.84		189.10	-69.36	-116.53
• 764D542	48 57.10	117 58.60	785.50			980705.27	-980975.69		242.30	-88.83	-116.95
• 764D543	48 55.50	118 5.60	854.00			980691.37	-980973.30		263.42	-96.56	-115.07
• 764D544	48 51.90	118 12.40	440.40			980771.97	-980967.91		135.86	-49.86	-109.94
• 764D545	48 48.30	118 9.40	438.60			980770.67	-980962.53		135.30	-49.65	-106.21
• 764D546	48 44.00	118 7.90	420.00			980767.97	-980956.09		129.57	-47.55	-106.10
• 764D547	48 39.70	118 7.00	421.20			980766.37	-980949.66		129.94	-47.69	-101.04
• 764D548	48 36.80	118 3.30	494.70			980742.17	-980945.32		152.61	-55.99	-106.53
• 764D549	48 35.00	117 58.10	475.50			980740.67	-980942.62		146.69	-53.82	-109.08
• 764D550	48 38.70	117 56.00	573.90			980732.37	-980948.16		177.04	-64.94	-103.69
• 764D551	48 41.70	117 52.60	867.20			980675.77	-980952.65		267.50	-98.04	-107.42
• 764D552	48 45.20	117 50.00	823.30			980685.57	-980957.89		253.96	-93.09	-111.45
• 764D553	48 49.40	117 48.80	608.40			980733.77	-980965.17		187.68	-68.84	-111.56
• 764D554	48 52.00	117 50.70	404.20			980773.67	-980968.06		124.69	-45.76	-115.46
• 764D555	48 49.20	117 54.80	438.00			980764.27	-980963.87		135.12	-49.59	-114.07
• 764D556	48 46.90	118 0.00	401.10			980775.77	-980960.43		123.74	-45.41	-106.33
• 764D557	48 42.50	118 0.80	410.30			980770.67	-980953.85		126.57	-46.45	-103.06
• 764D558	48 35.50	118 8.20	463.60			980749.77	-980943.37		143.02	-52.48	-103.06
• 764D559	48 31.50	118 10.70	454.80			980745.97	-980937.38		140.30	-51.48	-102.59
• 764D560	48 27.20	118 13.30	427.60			980744.67	-980930.94		131.91	-48.41	-102.57
• 764D561	48 22.90	118 12.00	430.70			980745.17	-980924.49		132.87	-48.76	-95.21
• 764D562	48 18.50	118 11.40	485.50			980725.37	-980917.90		149.77	-54.95	-97.71

BOUGUER GRAVITY DATA

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	LOCATION ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER ANOMALY	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
764D563	48 20.40	118 15.70	601.70		960707.87	-980920.75		185.61	-68.08		-95.35	
764D564	48 23.50	118 20.20	678.80		980685.77	-980925.39		209.39	-76.79		-107.02	
764D565	48 26.40	118 25.00	801.00		980658.17	-980929.74		247.08	-90.58		-115.07	
764D566	48 28.70	118 30.80	1068.60		980616.17	-980933.18		329.61	-120.74		-108.14	
764D567	48 32.50	118 32.90	1174.10		980597.17	-980938.88		362.14	-132.61		-112.18	
764D567	48 32.50	118 32.90	1174.70		980591.17	-980938.88		362.32	-132.68		-118.07	
764D569	48 38.30	118 43.80	779.70		980569.67	-980947.56		240.51	-88.18		-125.56	
764D570	48 39.60	118 49.90	953.70		980639.47	-980949.51		294.17	-107.79		-123.66	
764D571	48 40.80	118 54.80	1101.90		980610.37	-980951.30		339.87	-124.49		-125.55	
764D572	48 43.10	118 57.60	1315.20		980578.47	-980954.75		405.64	-148.49		-119.13	
764D573	48 46.80	118 54.90	1028.40		980533.97	-980960.28		317.21	-115.21		-125.31	
764D574	48 51.50	118 52.90	745.80		980690.67	-980967.31		230.05	-84.35		-130.94	
764D575	48 52.70	118 58.60	1194.50		980611.57	-980969.11		368.42	-134.91		-124.03	
764D576	48 56.90	119 3.10	872.90		980686.07	-980975.39		269.25	-98.69		-118.76	
764D579	49 0.00	118 46.00	588.00		980746.77	-980980.02		181.38	-66.54		-118.41	
764D580	48 55.70	118 45.50	563.90		980739.37	-980973.60		173.95	-63.81		-124.09	
764D581	48 52.70	118 41.80	548.90		980741.37	-980969.11		169.33	-62.12		-120.53	
764D582	48 53.00	118 36.00	546.80		980741.97	-980969.56		168.68	-61.88		-120.79	
764D583	48 56.80	118 33.30	536.10		980756.37	-980975.24		165.38	-60.67		-114.16	
764D584	48 59.90	118 30.70	528.50		980763.17	-980979.88		163.03	-59.81		-113.49	
764D588	49 0.00	118 12.90	502.90		980765.87	-980980.02		155.14	-56.92		-115.93	
764D589	48 55.70	118 12.70	447.40		980769.37	-980973.60		138.02	-50.65		-116.86	
764D590	48 49.10	118 16.10	853.70		980686.67	-980963.73		263.33	-96.52		-110.25	
764D591	48 51.20	118 22.20	1230.20		980610.37	-980966.87		379.43	-138.93		-116.00	
764D592	48 52.60	118 27.90	1075.30		980639.17	-980968.96		331.67	-121.49		-119.61	
764D593	48 48.60	118 36.00	641.90		980713.47	-980962.98		198.01	-72.62		-124.12	
764D594	48 44.90	118 38.90	757.40		980688.27	-980957.44		233.63	-85.66		-121.20	
764D595	48 41.30	118 39.30	749.20		980687.67	-980952.05		231.10	-84.73		-118.01	
764D596	48 39.00	118 37.50	828.60		980666.57	-980948.61		255.59	-93.69		-120.14	
764D596	48 39.00	118 37.50	828.80		980660.57	-980948.61		255.65	-93.71		-126.10	
764D597	48 36.40	118 29.00	1277.70		980582.37	-980944.72		394.08	-144.27		-112.54	
764D598	48 36.30	118 21.10	1412.10		980551.67	-980944.57		435.52	-159.38		-116.76	
764D599	48 34.80	118 15.00	952.20		980544.17	-980942.32		293.71	-107.62		-112.06	
764D600	48 34.00	118 44.90	676.40		980580.07	-980941.12		208.65	-76.52		-128.92	
764D601	48 29.70	118 44.70	624.20		980682.77	-980934.68		192.65	-70.62		-129.98	
764D602	48 25.20	118 44.40	578.20		980688.97	-980927.94		178.36	-65.43		-126.04	
764D603	48 21.20	118 45.00	552.90		980687.97	-980921.94		170.56	-62.57		-125.98	
764D604	48 17.60	118 44.10	517.90		980691.67	-980916.55		159.77	-58.62		-123.73	
764D605	48 13.70	118 42.20	502.90		980695.87	-980910.70		155.14	-56.92		-116.61	
764D605	48 10.10	118 42.40	490.40		980698.97	-980905.30		151.28	-55.51		-110.56	
764D607	48 11.30	118 47.80	905.90		980613.17	-980907.10		279.43	-102.41		-116.91	

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
764D608	48 10.20	118 53.20	767.20		980634.47	-980905.45		236.66	-86.76		-121.08	
764D609	48 9.80	118 58.80	553.20		980684.77	-980904.85		170.65	-62.60		-112.03	
764D610	48 5.70	118 59.00	542.80		980680.97	-980898.70		167.45	-61.43		-111.71	
764D611	48 1.90	118 57.70	409.30		980702.77	-980893.00		126.27	-46.34		-110.30	
764D612	47 58.90	118 59.40	338.60		980714.77	-980888.49		104.46	-38.34		-107.60	
764D663	47 14.80	116 1.30	697.10		980552.77	-980822.22		215.04	-78.85		-133.26	
764D664	47 15.90	116 6.60	686.40		980564.17	-980823.88		211.74	-77.65		-125.62	
764D665	47 16.20	116 13.20	663.50		980570.37	-980824.33		204.68	-75.06		-124.54	
764D666	47 19.70	116 17.40	657.50		980580.27	-980829.59		202.83	-74.38		-120.87	
764D667	47 19.80	116 23.50	651.70		980583.27	-980829.74		201.04	-73.73		-119.16	
764D668	47 20.60	116 29.10	651.10		980591.17	-980830.94		200.85	-73.66		-112.58	
764D669	47 19.20	116 34.30	674.20		980582.27	-980828.84		207.98	-76.27		-114.86	
764D670	47 15.70	116 31.40	842.80		980541.67	-980823.57		259.98	-95.29		-117.21	
764D671	47 11.70	116 29.00	854.40		980535.27	-980817.56		263.56	-96.60		-115.33	
764D672	47 8.90	116 27.10	814.10		980533.17	-980813.34		251.13	-92.06		-121.10	
764D673	47 6.70	116 24.80	822.70		980529.07	-980810.03		253.78	-93.03		-120.21	
764D674	47 4.00	116 18.70	838.50		980521.27	-980805.97		258.66	-94.81		-120.85	
764D675	47 0.30	116 15.40	861.40		980512.87	-980800.40		265.72	-97.39		-119.20	
764D691	47 1.30	117 22.20	733.70		980555.57	-980801.91		226.33	-82.98		-102.99	
764D692	47 5.70	117 22.50	707.40		980578.57	-980808.53		218.22	-80.02		-91.76	
764D693	47 9.80	117 23.60	721.50		980587.77	-980814.70		222.57	-81.61		-85.97	
764D694	47 13.80	117 22.30	684.90		980606.77	-980820.72		211.28	-77.48		-80.15	
764D695	47 17.70	117 22.10	697.10		980611.17	-980826.58		215.04	-78.85		-79.22	
764D696	47 21.80	117 22.70	756.50		980599.07	-980832.75		233.36	-85.56		-85.88	
764D697	47 26.30	117 23.20	731.20		980609.87	-980839.52		225.56	-82.70		-86.79	
764D698	47 30.70	117 24.00	746.20		980614.57	-980846.13		230.19	-84.40		-85.77	
764D699	47 35.00	117 24.40	571.90		980652.77	-980852.60		176.39	-64.71		-89.15	
764D700	47 37.20	117 31.10	716.30		980631.47	-980855.90		220.96	-81.02		-84.49	
764D701	47 34.10	117 35.20	735.80		980622.17	-980851.24		226.98	-83.22		-85.31	
764D702	47 38.60	117 33.50	717.20		980635.67	-980858.01		221.24	-81.12		-82.22	
764D703	47 38.60	117 40.00	742.50		980629.47	-980858.01		229.04	-83.98		-83.48	
764D704	47 38.60	117 46.30	740.40		980620.67	-980858.01		228.40	-83.74		-92.68	
764D705	47 38.60	118 15.00	723.60		980627.07	-980858.01		223.21	-81.85		-89.58	
764D706	47 39.70	118 21.60	710.80		980637.77	-980859.66		219.27	-80.40		-83.02	
764D707	47 42.70	118 26.30	729.40		980634.47	-980864.17		225.00	-82.50		-87.20	
764D708	47 45.50	118 31.50	742.50		980633.07	-980868.37		229.04	-83.98		-90.24	
764D709	47 45.60	118 36.80	735.20		980630.37	-980868.52		226.79	-83.15		-94.51	
764D710	47 45.40	118 42.50	659.90		980641.07	-980868.22		203.57	-74.66		-98.24	
764D711	47 49.90	118 43.40	727.60		980629.97	-980874.98		224.45	-82.30		-102.86	
764E535	47 48.50	118 45.80	683.40		980641.07	-980872.88		210.81	-77.31		-98.31	
764E536	47 52.00	118 50.20	817.20		980612.17	-980878.14		252.08	-92.41		-106.30	

BOUGUER GRAVITY DATA

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
764E537	47 55.30	118 54.70	586.10		980658.27	-980883.09		180.80	-66.32		-110.34	
764E538	47 41.70	118 43.00	654.70		980639.87	-980863.66		201.96	-74.07		-94.90	
764E539	47 38.00	118 43.20	691.60		980629.17	-980857.10		213.34	-78.23		-92.82	
764E540	47 36.40	118 47.50	626.40		980642.87	-980854.70		193.23	-70.87		-89.47	
764E541	47 31.70	118 47.20	548.90		980655.57	-980847.64		169.33	-62.12		-84.86	
764E542	47 27.70	118 45.90	548.30		980652.87	-980841.62		169.15	-62.05		-81.65	
764E543	47 24.40	118 41.10	554.10		980650.27	-980836.66		170.94	-62.71		-78.16	
764E544	47 20.10	118 41.40	471.80		980663.47	-980830.19		145.55	-53.41		-74.58	
764E545	47 21.00	118 35.80	527.00		980653.47	-980831.55		162.58	-59.64		-75.14	
764E546	47 21.70	118 29.20	547.10		980650.97	-980832.60		168.78	-61.92		-74.77	
764E547	47 23.90	118 24.10	630.60		980631.97	-980835.91		194.53	-71.35		-80.76	
764E548	47 26.30	118 19.80	678.50		980628.97	-980839.52		209.31	-76.75		-77.99	
764E549	47 28.90	118 15.70	652.30		980640.97	-980843.43		201.22	-73.80		-75.04	
764E550	47 26.90	118 11.20	658.40		980635.67	-980840.42		203.11	-74.49		-76.13	
764E551	47 31.60	118 12.30	697.10		980630.57	-980847.48		215.04	-78.85		-80.72	
764E552	47 35.10	118 9.40	724.20		980624.47	-980852.75		223.40	-81.91		-86.79	
764E553	47 29.40	117 34.40	711.70		980615.17	-980844.18		219.54	-80.50		-89.97	
764E556	47 27.70	117 40.60	711.40		980610.47	-980841.62		218.45	-80.47		-82.17	
764E557	47 26.20	117 46.70	692.20		980611.37	-980839.37		213.53	-78.30		-92.77	
764E558	47 22.90	117 50.80	668.40		980614.97	-980834.40		206.19	-75.61		-88.85	
764E559	47 19.80	117 53.50	634.30		980621.27	-980829.74		195.67	-71.76		-84.56	
764E560	47 18.40	117 58.80	578.50		980638.67	-980827.64		178.46	-65.46		-75.97	
764E561	47 21.60	118 2.80	646.20		980624.77	-980832.45		199.34	-73.11		-81.45	
764E562	47 23.20	118 8.20	623.00		980635.57	-980834.85		192.19	-70.49		-77.58	
764E563	47 15.30	118 3.30	592.50		980636.77	-980822.97		182.78	-67.04		-70.46	
764E564	47 13.20	118 8.80	599.80		980631.47	-980819.81		185.03	-67.87		-71.18	
764E565	47 12.50	118 15.10	597.40		980630.27	-980818.76		184.29	-67.60		-71.80	
764E566	47 9.60	118 18.80	563.00		980633.97	-980814.40		173.68	-63.71		-70.46	
764E567	47 7.70	118 23.00	552.60		980632.67	-980811.54		170.47	-62.54		-70.94	
764E568	47 6.70	118 28.90	594.10		980616.07	-980810.03		183.27	-67.22		-77.91	
764E569	47 6.70	118 34.80	517.20		980640.27	-980810.03		159.55	-58.54		-68.75	
764E570	47 5.80	118 39.60	514.50		980645.17	-980808.68		158.72	-58.23		-63.02	
764E571	47 10.80	118 41.10	536.10		980647.97	-980816.20		165.38	-60.67		-63.52	
764E572	47 15.70	118 41.00	549.20		980645.97	-980823.57		169.42	-62.15		-70.33	
764E573	47 1.90	118 39.80	533.60		980629.07	-980802.81		164.55	-60.37		-69.56	
764E599	47 0.40	117 28.00	655.30		980572.17	-980800.55		202.15	-74.14		-100.37	
764E600	47 3.80	117 31.60	623.30		980590.67	-980805.67		192.28	-70.52		-93.24	
764E601	47 6.00	117 36.70	588.30		980610.37	-980808.98		181.49	-66.57		-83.69	
764E602	47 6.90	117 42.90	542.20		980627.57	-980810.33		167.27	-61.36		-76.85	
764E603	47 8.10	117 49.10	563.30		980629.27	-980812.14		173.77	-63.75		-72.85	
764E604	47 11.70	117 52.60	600.80		980627.27	-980817.56		185.34	-67.98		-72.93	

PRINCIPAL FACIS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
764E605	47 14.90	117 55.30	588.00		980629.07	-980822.37		181.39	-66.54		-78.45	
764E606	47 3.60	118 22.10	569.40		980628.57	-980805.37		175.66	-64.43		-65.57	
764E617	47 2.40	117 15.70	793.40		980546.97	-980803.56		244.75	-89.72		-101.56	
764E618	47 7.20	117 14.00	746.20		980568.67	-980810.79		230.19	-84.40		-96.33	
764E619	47 10.80	117 10.10	747.40		980571.57	-980816.20		230.56	-84.53		-98.60	
764E620	47 13.20	117 4.70	757.40		980571.47	-980819.81		233.64	-85.66		-100.36	
764E621	47 16.80	117 0.30	779.70		980575.67	-980824.93		240.52	-88.18		-96.92	
764E622	47 15.70	116 55.10	824.80		980559.77	-980823.57		254.43	-93.26		-102.63	
764E623	47 11.40	116 56.50	795.50		980554.27	-980817.11		245.39	-89.96		-107.41	
764E624	47 8.00	116 53.30	784.90		980550.47	-980811.99		242.12	-88.76		-108.16	
764E625	47 4.90	116 49.60	825.70		980534.87	-980807.32		254.71	-93.36		-111.10	
764E626	47 0.50	116 53.20	808.90		980532.67	-980800.70		249.53	-91.47		-109.97	
25120185	47 0.70	119 55.00	375.70		980660.43	-980801.00		115.91	-42.54		-67.20	
25120186	47 3.80	119 53.40	375.90		980662.72	-980805.67		115.97	-42.56		-69.54	
25120187	47 4.40	119 52.40	377.80		980664.15	-980806.57		116.55	-42.78		-68.65	
25120188	47 14.30	119 51.10	397.60		980670.31	-980821.47		122.66	-45.02		-73.52	
25120189	47 14.10	119 52.60	401.20		980668.60	-980821.17		123.77	-45.42		-74.22	
25120190	47 14.00	119 54.60	398.60		980668.01	-980821.02		122.97	-45.13		-75.17	
25120191	47 14.50	119 56.50	378.50		980670.80	-980821.77		116.77	-42.86		-77.06	
25120212	47 48.70	119 58.80	226.80		980736.37	-980873.18		69.97	-35.69		-32.53	
25120214	47 47.10	119 59.80	227.30		980734.10	-980870.78		70.12	-35.75		-32.31	
25120215	47 49.80	119 58.10	229.40		980735.30	-980874.83		70.77	-35.99		-34.75	
25120216	47 51.50	119 56.90	235.40		980732.85	-980877.38		72.62	-36.67		-38.58	
25120217	47 52.00	119 55.10	235.30		980733.87	-980878.14		72.59	-36.65		-38.33	
25120218	47 54.10	119 55.20	234.10		980736.88	-980881.29		72.32	-36.52		-38.71	
25120219	47 55.40	119 53.40	234.40		980740.30	-980883.24		72.31	-36.55		-37.18	
25120220	47 56.10	119 52.30	237.90		980737.75	-980884.29		73.39	-36.95		-100.10	
25120223	48 3.20	119 53.90	236.50		980751.99	-980894.95		72.06	-26.79		-96.79	
25120224	48 5.80	119 47.10	245.80		980746.22	-980898.85		75.93	-27.84		-104.64	
25120225	48 8.40	119 40.90	266.60		980754.88	-980902.75		82.25	-30.20		-95.82	
25120226	48 12.40	119 42.60	247.90		980759.71	-980909.75		76.48	-28.08		-100.64	
25120227	48 16.70	119 42.40	248.70		980755.52	-980915.20		76.73	-28.17		-111.12	
25120228	48 17.80	119 39.70	253.00		980754.36	-980916.85		78.05	-28.66		-113.10	
25120229	48 18.40	119 37.80	257.60		980758.28	-980917.75		79.47	-29.18		-109.18	
25120230	48 21.80	119 35.00	262.00		980758.76	-980922.84		80.83	-29.68		-112.93	
25120233	48 30.20	119 30.30	259.90		980777.57	-980935.43		80.18	-29.44		-107.12	
25120234	48 27.20	119 28.00	260.00		980778.64	-980930.94		80.21	-29.45		-101.54	
25120235	48 27.70	119 31.20	397.10		980751.28	-980931.69		122.50	-44.96		-102.87	
25120236	48 28.30	119 29.50	379.00		980756.10	-980932.58		116.92	-42.91		-102.47	
25120237	48 28.90	119 33.50	411.00		980750.49	-980933.48		126.79	-46.53		-102.73	
25120238	48 29.10	119 35.90	403.10		980745.65	-980933.78		124.35	-45.64		-109.42	

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	LOCATION	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN	CORRECTIONS FREE-AIR	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.25120239	48 30.80	119 40.70		547.40		980710.73	-980936.33		168.86	-61.95		-119.69	
.25120240	48 30.30	119 39.50		533.20		980714.56	-980935.58		164.48	-60.35		-116.89	
.25120241	48 30.20	119 38.00		413.60		980742.51	-980935.43		127.59	-46.83		-112.16	
.25120242	48 31.00	119 42.60		614.20		980691.19	-980936.63		189.47	-69.49		-125.46	
.25120243	48 29.90	119 43.50		558.40		980693.05	-980934.98		172.26	-63.19		-132.86	
.25120244	48 29.80	119 44.20		831.40		980643.03	-980934.83		256.46	-94.01		-129.35	
.25120247	48 33.30	119 44.90		698.10		980673.32	-980940.07		215.34	-78.97		-130.38	
.25120248	48 32.30	119 42.80		660.80		980686.83	-980938.58		203.84	-74.76		-122.67	
.25120249	48 28.70	119 44.80		902.40		980626.65	-980933.18		278.35	-102.01		-130.19	
.25120250	48 27.30	119 45.20		814.80		980639.92	-980931.09		251.34	-92.13		-131.96	
.25120251	48 25.20	119 45.40		775.30		980648.61	-980927.94		239.16	-87.68		-127.85	
.25120252	48 24.00	119 45.50		732.50		980662.20	-980926.14		225.96	-82.85		-120.83	
.25120253	48 22.60	119 45.70		722.80		980670.44	-980924.04		222.96	-81.75		-112.39	
.25120254	48 22.20	119 45.40		741.30		980675.34	-980923.44		228.67	-83.84		-103.27	
.25120255	48 21.70	119 42.90		713.40		980671.82	-980922.69		220.06	-80.69		-111.50	
.25120256	48 21.00	119 42.00		577.90		980697.25	-980921.65		176.27	-65.40		-111.53	
.25120257	48 19.80	119 40.40		390.30		980732.38	-980919.85		120.41	-44.19		-111.25	
.25120258	48 17.90	119 42.20		273.20		980742.32	-980917.00		84.28	-30.94		-121.34	
.25120261	48 32.20	119 29.40		267.10		980779.61	-980938.43		82.40	-30.25		-106.67	
.25120262	48 34.00	119 28.70		269.40		980787.36	-980941.12		83.11	-30.51		-101.16	
.25120263	48 35.50	119 29.00		269.30		980784.91	-980943.37		83.08	-30.50		-105.88	
.25120264	48 42.50	119 26.30		275.20		980785.44	-980953.85		84.90	-31.17		-114.68	
.25120265	48 36.80	119 28.00		267.40		980782.60	-980948.32		82.49	-30.29		-110.52	
.25120266	48 38.50	119 27.40		270.80		980782.99	-980947.86		83.54	-30.67		-112.00	
.25120267	48 40.50	119 28.00		275.60		980782.39	-980950.85		85.02	-31.22		-114.66	
.25120268	48 44.50	119 25.10		275.60		980784.80	-980956.84		85.02	-31.22		-118.24	
.25120269	48 48.10	119 24.00		282.30		980787.83	-980962.23		87.09	-31.97		-119.28	
.25120272	48 55.40	119 25.10		286.90		980784.64	-980973.15		88.51	-32.50		-132.50	
.25120273	48 53.90	119 25.60		283.20		980782.62	-980970.90		87.37	-32.08		-132.99	
.25120274	48 51.40	119 24.40		277.90		980785.30	-980967.17		85.73	-31.48		-127.62	
.25120275	48 50.20	119 24.50		281.80		980789.65	-980965.37		86.94	-31.92		-120.70	
.25120300	47 15.00	119 43.10		390.30		980674.05	-980822.52		120.41	-44.19		-72.25	
.25120301	47 19.00	119 33.40		387.00		980682.53	-980828.54		119.39	-43.82		-70.44	
.25120302	47 18.70	119 30.60		402.30		980682.24	-980828.09		124.11	-45.55		-67.29	
.25120303	47 23.50	119 22.40		368.80		980689.94	-980835.31		113.78	-41.76		-73.35	
.25120304	47 27.40	119 24.20		439.40		980702.94	-980841.17		135.55	-49.74		-52.42	
.25120305	47 36.80	119 18.00		482.10		980687.97	-980855.30		148.73	-56.57		-73.17	
.25120306	47 37.60	119 20.00		485.60		980686.09	-980856.50		149.81	-56.97		-75.57	
.25120307	47 37.40	119 23.60		659.40		980646.79	-980856.20		203.41	-74.60		-80.60	
.25120308	47 37.00	119 28.40		726.90		980635.67	-980855.60		224.23	-82.22		-77.92	
.25120309	47 36.40	119 30.80		740.50		980632.58	-980854.70		228.43	-83.75		-77.44	

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.25120310	47 36.10	119 33.20	768.30		980626.59	-980854.25		237.00	-86.89		-77.55	
.25120311	47 36.10	119 36.00	729.70		980633.46	-980854.25		225.10	-82.53		-78.22	
.25120312	47 36.40	119 38.80	642.30		980649.61	-980854.70		198.14	-72.67		-79.62	
.25120313	47 36.80	119 40.00	576.80		980661.30	-980855.30		177.94	-65.27		-81.33	
.25120314	47 35.40	119 41.00	536.20		980665.43	-980853.20		165.41	-60.66		-83.04	
.25120315	47 35.80	119 42.50	672.40		980637.22	-980853.80		207.42	-76.07		-85.23	
.25120316	47 36.80	119 43.40	764.40		980620.30	-980855.30		235.80	-86.45		-85.65	
.25120317	47 37.80	119 46.20	791.00		980616.23	-980856.80		244.00	-89.45		-86.02	
.25120318	47 36.80	119 48.80	736.40		980623.75	-980855.30		227.16	-83.29		-87.68	
.25120320	47 39.80	119 51.00	740.80		980620.56	-980859.81		228.52	-83.79		-94.52	
.25120321	47 36.80	119 53.50	763.70		980613.08	-980855.30		235.58	-86.37		-93.01	
.25120322	47 36.80	119 58.60	747.60		980615.43	-980855.30		230.62	-84.55		-93.80	
.25120323	47 36.80	119 58.90	755.50		980617.82	-980855.30		233.05	-85.44		-89.87	
.25120335	48 5.10	119 46.80	251.50		980744.87	-980897.80		77.59	-28.49		-103.83	
.25120336	48 4.60	119 44.40	243.20		980744.86	-980897.05		75.03	-27.55		-104.71	
.25120337	48 0.60	119 40.40	252.70		980751.40	-980891.05		77.96	-28.62		-90.31	
.25120338	47 58.80	119 41.60	555.00		980660.50	-980888.34		171.21	-62.81		-119.44	
.25120339	47 49.00	119 41.10	707.20		980650.95	-980873.63		218.16	-79.99		-84.51	
.25120340	47 49.00	119 38.50	689.50		980653.82	-980873.63		212.70	-78.00		-85.11	
.25120342	47 43.90	119 56.20	693.50		980639.94	-980865.97		213.93	-78.45		-90.55	
.25120343	47 42.20	119 56.20	723.90		980634.96	-980863.42		223.31	-81.88		-87.03	
.25120344	47 40.60	119 56.20	761.00		980628.61	-980861.01		234.75	-86.07		-83.72	
.25120345	47 36.80	119 18.00	482.10		980688.04	-980855.30		148.73	-54.57		-73.10	
.25120347	47 37.90	119 16.80	483.90		980685.63	-980856.95		149.28	-54.77		-76.81	
.25120348	47 40.10	119 11.20	551.80		980670.94	-980860.26		170.22	-62.45		-81.55	
.25120349	47 40.70	119 8.90	554.20		980668.05	-980861.16		170.96	-62.72		-84.87	
.25120350	47 41.00	119 8.10	579.00		980670.26	-980861.61		178.61	-65.52		-78.26	
.25120351	47 42.90	118 56.90	583.80		980658.39	-980864.47		180.09	-66.06		-92.05	
.25120352	47 46.10	118 56.10	682.40		980639.87	-980869.27		210.51	-77.20		-96.09	
.25120353	47 47.80	118 56.00	761.30		980625.92	-980871.83		234.84	-86.10		-97.17	
.25120354	47 57.60	118 57.70	488.00		980683.43	-980886.54		150.54	-55.24		-107.81	
.25120355	47 58.50	119 2.00	342.10		980710.73	-980887.89		105.54	-38.74		-110.36	
.25120357	48 9.90	118 58.60	553.30		980685.37	-980905.00		170.69	-62.62		-111.56	
.25120358	48 8.00	118 58.30	543.30		980684.92	-980902.15		167.60	-61.49		-111.12	
.25120360	48 2.60	118 58.20	388.70		980706.74	-980894.05		119.91	-44.01		-111.41	
.25120363	48 19.80	119 28.00	424.20		980734.04	-980919.85		130.86	-48.03		-102.98	
.25120364	48 21.30	119 29.10	441.30		980736.09	-980922.09		136.14	-49.96		-99.82	
.25120365	48 18.50	119 26.50	413.70		980734.27	-980917.90		127.62	-46.84		-102.85	
.25120366	48 14.60	119 22.90	421.70		980728.39	-980912.05		130.09	-47.74		-101.31	
.25120367	48 11.80	119 21.20	393.00		980732.73	-980907.85		121.24	-44.50		-98.38	
.25120368	48 7.90	119 17.30	418.80		980721.38	-980902.00		129.20	-47.41		-98.83	

BOUGUER GRAVITY DATA

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	CORRECTIONS		BOUGUER ANOMALY	SPEC. FIELD
							TERRAIN	FREE-AIR		
.25120374	47 3.00	119 55.00	375.00		980651.58	-980804.46		115.69	-42.46	-79.65
.25120376	47 6.20	119 51.30	367.00		980666.58	-980809.28		113.22	-41.56	-71.04
.25120377	47 7.90	119 51.30	376.70		980666.26	-980811.84		116.21	-42.65	-72.02
.25120378	47 9.60	119 51.30	383.70		980666.68	-980814.40		118.37	-43.45	-72.80
.25120379	47 11.40	119 51.30	388.90		980666.06	-980817.11		119.98	-44.03	-75.10
.25120381	47 14.00	119 50.50	383.10		980673.57	-980821.02		118.19	-43.38	-72.64
.25120383	47 15.00	119 40.30	372.00		980676.55	-980822.52		114.76	-42.12	-73.33
.25120384	47 15.00	119 37.00	375.00		980681.15	-980822.52		115.69	-42.46	-68.14
.25120385	47 16.60	119 34.80	375.00		980684.87	-980824.93		115.69	-42.46	-66.83
.25120388	47 22.90	119 28.90	340.20		980691.01	-980834.40		104.95	-38.53	-76.97
.25120394	48 2.40	118 57.90	370.00		980712.28	-980833.75		114.15	-41.90	-109.22
.25120396	48 3.60	118 58.70	491.00		980687.65	-980835.55		151.47	-55.58	-112.01
.25120398	48 6.60	118 59.20	546.00		980683.41	-980900.05		168.43	-61.79	-110.00
.25120400	48 8.10	119 0.30	496.60		980696.05	-980902.30		153.20	-56.21	-109.26
.25120401	48 8.10	119 1.80	348.60		980723.73	-980902.30		107.54	-39.48	-110.51
.25120402	48 8.50	119 3.50	305.70		980730.80	-980902.90		94.31	-34.62	-112.41
.25120403	48 8.60	119 6.00	301.60		980731.97	-980903.05		93.04	-34.16	-112.20
.25120404	48 9.20	119 7.70	289.00		980729.08	-980903.95		89.16	-32.73	-118.44
.25120405	48 8.60	119 9.60	293.00		980732.53	-980903.05		90.39	-33.19	-113.32
.25120406	48 8.20	119 11.90	426.10		980714.91	-980902.45		131.45	-48.24	-104.33
.25120407	48 7.70	119 13.60	398.70		980722.64	-980901.70		123.00	-45.14	-101.20
.25120408	48 7.50	119 15.50	392.30		980725.30	-980901.40		121.02	-44.42	-99.50
.25120410	48 8.90	119 18.60	388.10		980729.29	-980903.50		119.73	-43.94	-98.42
.25120411	48 10.50	119 20.20	377.00		980734.40	-980905.90		116.30	-42.69	-97.89
.25120413	48 13.40	119 21.30	421.00		980730.12	-980910.25		129.68	-47.66	-97.91
.25120415	48 15.90	119 24.20	461.00		980720.62	-980914.00		142.21	-52.19	-103.36
.25120416	48 17.00	119 25.30	411.00		980731.32	-980915.65		126.79	-46.53	-104.07
.25120420	48 23.70	119 52.40	1185.40		980580.84	-980925.69		365.62	-133.89	-113.12
.25120421	48 22.40	119 55.20	1068.50		980605.47	-980923.74		329.58	-120.73	-109.42
.25120422	48 22.30	119 57.70	862.50		980649.64	-980923.59		266.05	-97.51	-105.41
.25120423	48 22.00	120 0.00	697.90		980690.59	-980923.14		215.28	-78.94	-96.21
.25120438	48 4.50	119 59.60	328.10		980717.19	-980896.90		101.22	-37.16	-115.65
.25120439	48 4.60	119 58.10	275.70		980735.27	-980897.05		85.06	-31.23	-107.95
.25120440	48 4.80	119 57.30	274.00		980738.11	-980897.35		84.53	-31.04	-105.75
.25120441	48 3.20	119 56.20	266.40		980741.81	-980894.95		82.19	-30.18	-101.11
.25120442	48 3.20	119 53.90	236.50		980752.01	-980894.95		72.96	-26.79	-96.77
.26150006	47 48.50	119 58.50	226.90		980736.37	-980872.88		70.00	-25.70	-92.21
.26150007	48 56.00	119 26.00	282.40		980782.14	-980974.05		87.12	-31.99	-136.78
.26150008	48 24.00	119 29.50	261.70		980770.02	-980926.14		80.74	-29.64	-105.02
.26150009	47 58.50	119 2.00	342.10		980710.73	-980887.89		105.64	-38.74	-110.36
.26150010	47 20.50	118 41.00	472.30		980662.73	-980830.79		145.70	-53.46	-75.82

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.26150011	47 7.00	119 17.00	329.30		980681.97	-980810.48		101.59	-37.29		-64.21	
.27330257	47 37.00	117 32.00	723.00		980633.02	-980855.60		223.03	-81.78		-81.33	
.27330258	47 37.00	117 31.00	751.00		980631.76	-980855.60		231.67	-84.94		-77.11	
.27330259	47 38.00	117 39.00	751.00		980628.40	-980857.10		231.67	-84.94		-81.97	
.2873 011	48 35.56	118 10.32	554.10		980730.90	-980943.46		170.93	-62.71		-104.34	
.2873 012	48 35.08	118 12.48	625.80		980717.01	-980942.74		193.05	-70.80		-103.48	
.2873 013	48 34.81	118 14.57	672.70		980707.44	-980942.34		207.51	-76.10		-103.49	
.2873 014	48 34.74	118 15.77	699.20		980700.15	-980942.23		215.68	-79.09		-105.49	
.2873 015	48 34.81	118 17.73	761.10		980687.17	-980942.34		234.77	-86.08		-106.48	
.2873 016	48 35.92	118 20.83	897.60		980658.03	-980944.00		276.87	-101.47		-110.57	
.2873 017	48 36.60	118 21.78	1029.30		980633.96	-980945.02		317.49	-116.31		-109.88	
.2873 018	48 37.14	118 23.64	1081.10		980623.68	-980945.82		333.46	-122.14		-110.82	
.2873 019	48 37.59	118 24.77	1192.70		980601.45	-980946.50		367.87	-134.71		-111.89	
.2873C002	48 55.70	117 44.81	470.00		980767.05	-980973.60	0.00	144.99	-53.20		-114.76	
.2873C003	48 59.03	117 38.28	419.40		980779.23	-980978.57	0.00	129.38	-47.48		-117.44	
.2873C004	48 56.45	117 41.22	409.00		980780.27	-980974.72	6.79	126.17	-46.31		-107.90	
.2873C006	48 53.16	117 42.99	567.50		980749.17	-980969.80	0.00	175.06	-64.22		-114.79	
.2873C007	48 51.19	117 42.48	570.90		980739.29	-980966.85	0.00	176.11	-64.60		-116.05	
.2873C008	48 49.86	117 41.42	586.10		980737.39	-980964.86	0.00	180.80	-66.32		-112.99	
.2873C009	48 49.79	117 36.99	593.80		980732.18	-980964.76	0.00	183.17	-67.19		-116.60	
.2873C012	48 44.81	117 38.68	715.40		980700.20	-980957.31	0.00	220.68	-80.92		-117.35	
.2873C013	48 43.69	117 40.39	723.30		980697.03	-980955.63	0.00	223.12	-81.81		-117.29	
.2873C014	48 42.45	117 42.02	789.70		980684.61	-980953.77	0.00	243.59	-89.30		-114.87	
.2873C015	48 41.66	117 44.63	823.90		980680.16	-980952.59	0.00	254.14	-93.16		-111.45	
.2873C016	48 40.09	117 45.49	758.00		980691.53	-980950.24	0.00	233.82	-85.73		-110.62	
.2873C017	48 37.88	117 46.82	703.80		980703.09	-980946.93	0.00	217.10	-79.61		-106.35	
.2873C018	48 36.75	117 47.07	671.20		980708.16	-980945.24	0.00	207.05	-75.93		-105.96	
.2873C019	48 35.45	117 49.40	637.30		980713.56	-980943.29	2.84	196.59	-72.10		-102.40	
.2873C021	48 59.90	118 13.41	502.00		980766.77	-980979.88	5.00	154.86	-56.82		-110.07	
.2873C022	48 58.74	118 13.48	487.10		980763.93	-980978.14	6.00	150.26	-55.14		-113.09	
.2873C023	48 57.80	118 12.98	476.70		980768.76	-980976.74	7.25	147.05	-53.96		-107.64	
.2873C024	48 55.53	118 12.94	454.20		980770.37	-980973.34	6.00	140.11	-51.42		-108.28	
.2873C025	48 54.97	118 11.96	436.50		980775.01	-980972.50	6.36	134.66	-49.42		-105.89	
.2873C026	48 53.58	118 12.70	439.80		980772.31	-980970.43	6.00	135.67	-49.79		-106.24	
.2873C027	48 51.95	118 12.28	440.10		980773.17	-980967.99	6.36	135.77	-49.82		-102.81	
.2873C028	48 50.19	118 11.06	442.00		980770.89	-980965.36	6.00	136.35	-50.04		-102.16	
.2873C029	48 48.41	118 9.80	434.00		980771.46	-980962.69	6.00	133.88	-49.13		-100.48	
.2873C030	48 46.79	118 8.75	427.30		980770.65	-980960.27	4.03	131.82	-48.38		-102.15	
.2873C031	48 44.77	118 7.87	392.60		980775.16	-980957.25	4.00	121.11	-44.45		-101.43	
.2873C032	48 42.51	118 7.56	415.70		980766.44	-980953.86	3.71	128.24	-47.06		-102.53	
.2873C033	48 40.48	118 7.13	392.60		980771.46	-980950.83	3.00	121.11	-44.45		-99.71	

BOUGUER GRAVITY DATA

PRINCIPAL FACIS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LOCATION LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.2873C034	48 39.36	118 6.69	392.60		980770.99	-980949.15	3.00	121.11	-44.45		-98.50	
.2873C035	48 37.31	118 7.76	452.00		980752.84	-980946.08	3.00	139.44	-51.17		-101.97	
.2873C036	48 35.71	118 8.60	478.80		980746.44	-980943.68	3.00	147.70	-54.20		-100.74	
.2873C037	48 35.78	118 0.37	475.80		980748.24	-980943.79	2.00	146.78	-53.86		-100.63	
.2873C038	48 35.34	117 59.45	467.90		980745.83	-980943.13	0.00	144.34	-52.97		-105.93	
.2873C039	48 34.65	117 57.18	470.90		980738.91	-980942.10	0.00	145.27	-53.30		-111.22	
.2873C040	48 33.49	117 55.44	472.70		980739.91	-980940.36	0.00	145.82	-53.51		-108.14	
.2873C041	48 52.83	118 35.92	559.60		980739.81	-980969.30	0.00	172.63	-63.33		-120.19	
.2873C042	48 53.83	118 33.94	628.20		980727.78	-980970.80	5.00	193.78	-71.08		-115.32	
.2873C043	48 53.74	118 31.07	840.90		980689.11	-980970.67	3.00	259.38	-95.08		-114.26	
.2873C044	48 53.13	118 29.18	981.20		980661.21	-980969.75	2.58	302.65	-110.89		-114.20	
.2873C049	48 41.46	118 13.06	734.30		980704.32	-980952.29	4.79	226.51	-83.05		-99.72	
.2873C050	48 40.83	118 14.53	758.30		980696.60	-980951.35	5.00	233.91	-85.76		-101.60	
.2873C051	48 39.47	118 17.58	907.70		980664.19	-980949.31	5.00	279.99	-102.61		-102.74	
.2873C052	48 39.41	118 19.72	1090.30		980626.52	-980949.22	4.77	336.36	-123.18		-104.81	
.2873C053	48 39.29	118 22.09	1264.30		980591.27	-980949.04	5.00	389.95	-142.76		-105.58	
.2873C054	48 39.47	118 24.53	1412.70		980561.28	-980949.31	5.00	435.71	-159.44		-106.76	
.2873C055	48 40.08	118 26.14	1543.80		980536.50	-980950.23	4.62	476.12	-174.17		-107.16	
.2873C056	48 40.86	118 26.51	1661.50		980513.24	-980951.39	5.00	512.41	-187.38		-108.12	
.2873C057	48 42.60	118 26.48	1669.70		980513.52	-980954.00	4.67	514.94	-188.30		-109.17	
.2873C059	48 45.62	118 24.46	1233.50		980603.97	-980958.52	4.00	380.45	-139.30		-109.40	
.2873C060	48 45.59	118 21.92	1108.60		980633.35	-980958.47	3.38	341.94	-125.24		-105.04	
.2873C061	48 45.90	118 14.79	779.70		980697.12	-980958.94	7.00	240.51	-88.18		-102.49	
.2873C062	48 47.49	118 14.40	707.10		980714.08	-980961.32	7.19	218.12	-79.98		-101.91	
.2873C063	48 32.42	117 50.97	655.30		980702.95	-980938.76	0.00	202.14	-74.14		-107.81	
.2873C065	48 30.88	117 48.23	668.70		980692.86	-980936.45	0.00	206.28	-75.65		-112.96	
.2873C066	48 30.77	117 46.39	730.90		980679.45	-980936.28	0.00	225.46	-82.67		-114.04	
.2873C067	48 30.93	117 45.19	765.40		980675.70	-980936.52	0.00	236.10	-86.56		-111.28	
.2873C069	48 36.60	117 32.57	964.40		980636.62	-980945.02	0.00	297.47	-109.00		-119.93	
.2873C071	48 41.88	117 24.58	639.50		980699.21	-980952.92	0.00	197.27	-72.35		-128.79	
.2873C072	48 46.63	117 24.37	637.90		980708.16	-980960.03	0.00	196.78	-72.17		-127.26	
.2873C073	48 46.64	117 24.62	661.70		980702.52	-980960.04	0.00	204.12	-74.86		-128.26	
.2873C074	48 48.51	117 24.38	630.60		980706.98	-980962.84	0.00	194.52	-71.38		-132.69	
.2873C075	48 49.32	117 23.80	634.00		980709.53	-980964.05	0.00	198.57	-71.73		-130.68	
.2873C076	48 51.37	117 23.27	643.40		980713.32	-980967.12	0.00	198.47	-72.79		-128.12	
.2873C077	48 51.62	117 21.82	628.20		980717.49	-980967.49	0.00	193.78	-71.08		-127.30	
.2873C078	48 53.20	117 20.04	771.10		980697.17	-980969.86	0.00	237.86	-87.20		-122.03	
.2873C079	48 54.06	117 19.65	769.60		980697.07	-980971.14	3.02	237.39	-87.04		-120.70	
.2873C080	48 55.26	117 19.03	753.20		980701.86	-980972.94	0.00	232.34	-85.19		-123.93	
.2873C081	48 56.23	117 19.10	778.50		980699.44	-980974.39	0.00	240.14	-88.04		-122.85	
.2873C082	48 57.72	117 18.92	784.60		980696.69	-980976.62	0.00	242.02	-88.73		-126.64	

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN	CORRECTIONS FREE-AIR	BOUGUER SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.2873C083	49 0.00	117 18.02	780.00		980695.13	-980980.02	0.00	240.60	-88.21	-132.50	
.2873C084	48 55.53	118 11.36	557.80		980754.31	-980973.34	5.00	172.07	-63.12	-105.08	
.2873C085	48 55.47	118 9.74	648.60		980737.35	-980973.25	5.00	200.08	-73.38	-104.20	
.2873C086	48 55.44	118 7.83	650.40		980733.37	-980973.21	3.46	200.63	-73.58	-109.33	
.2873C087	48 55.63	118 4.99	862.60		980695.56	-980973.49	3.00	266.08	-97.52	-106.37	
.2873C088	48 55.71	118 2.72	950.70		980680.82	-980973.61	3.00	293.24	-107.46	-104.01	
.2873C089	48 56.18	118 0.86	963.80		980678.98	-980974.31	3.00	297.28	-108.93	-103.98	
.2873C090	48 57.56	117 54.55	651.70		980732.09	-980976.38	0.00	201.03	-73.73	-116.99	
.2873C094	48 44.00	117 29.71	1017.70		980634.77	-980956.09	0.00	313.91	-115.00	-122.41	
.2873C095	48 38.28	117 22.14	628.20		980699.40	-980947.83	0.00	193.79	-71.08	-125.42	
.2873C096	48 36.39	117 21.73	629.10		980696.93	-980944.70	0.00	194.06	-71.18	-124.89	
.2873C097	48 33.03	117 19.84	626.70		980703.52	-980939.67	2.16	193.32	-70.91	-111.58	
.2873C098	48 31.24	117 17.68	627.30		980705.74	-980936.99	0.00	193.51	-70.97	-108.71	
.2873C099	48 29.45	116 6.10	903.40		980653.63	-980934.31	3.00	278.66	-102.12	-101.14	
.2873C100	48 27.42	116 5.69	882.40		980654.38	-980931.27	2.00	272.19	-99.76	-102.46	
.2873C101	48 26.65	116 3.27	1100.90		980608.09	-980930.11	2.74	339.57	-124.37	-104.08	
.2873C102	48 27.80	116 1.91	951.00		980637.09	-980931.84	2.00	293.34	-107.49	-106.90	
.2873C103	48 28.88	116 0.46	830.60		980661.44	-980933.45	3.00	256.21	-93.92	-106.72	
.2873C104	48 25.71	116 5.33	811.10		980667.84	-980928.70	2.00	250.20	-91.72	-100.38	
.2873C105	48 22.75	116 6.63	753.20		980676.94	-980924.27	2.00	232.34	-85.19	-98.18	
.2873C106	48 23.52	116 2.83	1283.80		980574.45	-980925.42	2.00	395.96	-144.95	-97.96	
.2873C107	48 16.97	116 1.38	890.30		980640.88	-980915.60	3.00	274.62	-100.65	-97.75	
.2873C108	48 15.28	116 0.78	815.60		980655.85	-980913.07	3.00	231.59	-92.22	-94.85	
.2873C109	48 13.84	116 0.93	945.20		980632.21	-980910.91	3.00	291.55	-106.84	-90.99	
.2873C110	48 12.76	116 4.47	790.00		980655.52	-980909.29	4.00	243.69	-89.34	-95.42	
.2873C111	48 11.73	116 6.17	723.90		980671.82	-980907.74	3.06	223.30	-81.88	-91.44	
.2873C112	48 9.85	116 7.83	613.90		980690.44	-980904.93	2.00	189.38	-69.46	-92.87	
.2873C113	48 5.26	116 12.23	546.50		980697.55	-980908.04	2.00	168.69	-61.85	-91.73	
.2873C116	48 49.03	116 14.72	728.50		980709.77	-980963.62	4.00	224.72	-82.40	-107.53	
.2873C117	48 49.62	116 17.13	914.40		980674.05	-980964.50	4.01	282.05	-103.36	-107.75	
.2873C119	48 54.71	116 23.60	1683.10		980526.22	-980972.12	10.80	519.07	-189.80	-105.83	
.2873C123	48 55.09	116 16.39	830.60		980699.49	-980972.68	5.28	256.21	-93.92	-105.62	
.2873C124	48 33.38	116 19.78	823.00		980670.30	-980940.19	4.00	253.87	-93.06	-105.08	
.2873C125	48 33.18	116 24.81	1097.30		980617.33	-980939.90	4.00	338.16	-123.97	-104.08	
.2873C126	48 30.50	116 22.95	1149.10		980606.91	-980935.88	2.63	354.43	-129.80	-101.71	
.2873C127	48 28.90	116 17.08	669.30		980702.66	-980933.48	3.00	206.46	-75.72	-97.08	
.2873C128	48 26.97	116 16.16	595.30		980717.21	-980930.59	2.85	183.64	-67.36	-94.25	
.2873C129	48 24.38	116 15.80	719.00		980691.34	-980926.71	1.00	221.79	-81.33	-90.91	
.2873C130	48 16.15	116 11.56	537.10		980713.04	-980914.37	1.00	165.69	-60.79	-95.43	
.2873C131	48 12.93	116 12.73	553.80		980702.10	-980909.54	2.00	170.84	-62.67	-97.27	
.2873C132	48 10.45	116 14.74	472.10		980715.50	-980905.82	2.25	145.64	-53.44	-95.87	

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LOCATION LONGITUDE	ELEV. ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN CORRECTIONS	BOUGUER ANOMALY	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.2873C133	48 9.29	118 15.78	493.20	980713.04	-980304.09	2.00	-92.73		-92.73	
.2873C134	48 7.08	118 15.50	484.90	980709.06	-980300.77	3.00	-94.01		-94.01	
.2873C135	48 5.47	118 15.98	475.20	980707.31	-980308.35	2.89	-95.34		-95.34	
.2873C136	48 4.51	118 19.54	546.80	980692.05	-980306.91	3.00	-95.06		-95.06	
.2873C138	48 3.90	118 26.63	557.80	980685.80	-980306.00	1.00	-100.25		-100.25	
.2873C139	48 3.97	118 28.38	577.00	980680.44	-980306.10	2.00	-100.95		-100.95	
.2873C141	48 3.32	118 32.08	727.60	980655.33	-980305.13	1.18	-96.47		-96.47	
.2873C142	48 2.68	118 34.69	877.80	980625.39	-980304.17	1.00	-96.25		-96.25	
.2873C143	48 3.65	118 37.13	731.50	980652.16	-980305.62	2.00	-98.55		-98.55	
.2873C144	48 3.01	118 39.34	469.40	980702.95	-980304.66	2.64	-97.40		-97.40	
.2873R001	48 37.22	118 43.82	683.10	980683.14	-980345.94	3.00	-126.35		-126.35	
.2873R002	48 35.45	118 44.47	703.20	980680.15	-980343.29	4.17	-121.59		-121.59	
.2873R003	48 33.87	118 44.72	676.40	980680.82	-980340.93	6.00	-121.98		-121.98	
.2873R004	48 32.53	118 44.63	663.20	980678.64	-980338.92	8.19	-122.54		-122.54	
.2873R005	48 31.11	118 44.18	650.10	980680.85	-980336.79	9.00	-119.94		-119.94	
.2873R006	48 29.35	118 44.47	631.90	980682.43	-980334.16	10.30	-117.99		-117.99	
.2873R007	48 28.44	118 44.09	611.40	980687.78	-980332.79	8.00	-119.59		-119.59	
.2873R008	48 27.24	118 44.83	591.30	980689.82	-980331.00	6.41	-119.28		-119.28	
.2873R009	48 24.11	118 43.88	575.50	980688.92	-980326.31	7.92	-117.06		-117.06	
.2873R010	48 27.78	118 44.85	565.70	980688.21	-980331.81	7.85	-125.26		-125.26	
.2873R011	48 25.61	118 43.63	574.50	980689.20	-980328.55	8.00	-119.14		-119.14	
.2873R012	48 28.05	118 50.04	667.80	980681.57	-980322.21	5.25	-114.94		-114.94	
.2873R013	48 28.75	118 51.46	681.20	980674.89	-980323.26	8.00	-117.30		-117.30	
.2873R014	48 29.48	118 52.88	684.60	980671.20	-980334.35	13.30	-116.11		-116.11	
.2873R015	48 32.14	118 56.05	720.50	980675.51	-980338.34	6.13	-115.95		-115.95	
.2873R016	48 32.76	118 59.33	738.50	980677.97	-980339.27	5.00	-112.03		-112.03	
.2873R017	48 27.32	118 48.02	631.90	980686.69	-980331.12	7.00	-113.99		-113.99	
.2873R018	48 24.80	118 51.11	754.10	980655.75	-980327.34	3.00	-121.26		-121.26	
.2873R019	48 23.91	118 52.38	806.80	980645.90	-980326.01	2.00	-120.47		-120.47	
.2873R020	48 23.05	118 53.22	917.80	980625.76	-980324.72	1.75	-117.86		-117.86	
.2873R021	48 21.58	118 53.19	970.20	980615.01	-980322.51	1.00	-116.89		-116.89	
.2873R022	48 17.37	118 55.82	611.40	980678.02	-980316.20	3.09	-115.66		-115.66	
.2873R023	48 15.13	118 57.16	591.60	980678.83	-980312.84	3.00	-115.45		-115.45	
.2873R024	48 14.51	118 58.19	584.90	980680.48	-980311.91	3.00	-114.19		-114.19	
.2873R025	48 13.23	118 57.65	574.90	980680.86	-980309.99	3.00	-113.84		-113.84	
.2873R026	48 11.48	118 59.26	565.70	980684.61	-980307.37	2.00	-110.27		-110.27	
.2873R027	48 12.73	118 59.09	572.70	980683.99	-980309.24	1.23	-112.16		-112.16	
.2873R028	48 11.91	118 54.98	791.30	980637.23	-980308.02	1.00	-115.18		-115.18	
.2873R029	48 10.63	118 51.62	747.70	980647.22	-980306.40	1.00	-112.10		-112.10	
.2873R030	48 11.14	118 49.62	774.50	980643.91	-980306.86	1.00	-110.63		-110.63	
.2873R031	48 11.43	118 48.21	887.30	980623.06	-980307.30	1.14	-109.71		-109.71	

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAG

STATION IDENTIFICATION	LATITUDE	LOCATION LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN	CORRECTIONS FREE-AIR	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.2873R032	48 11.67	118 45.47	976.30		980610.98	-980907.65	1.00	301.14	-110.34		-104.87	
.2873R033	48 10.38	118 42.41	488.90		980700.38	-980905.72	5.00	150.82	-55.34		-104.86	
.2873R034	48 27.55	118 46.70	615.70		980695.55	-980931.46	7.74	189.93	-69.66		-107.90	
.2873R035	48 21.19	118 44.61	556.90		980688.35	-980921.93	7.00	171.79	-63.02		-117.81	
.2873R036	48 19.55	118 44.42	539.50		980694.65	-980919.47	5.62	166.43	-61.06		-113.83	
.2873R037	48 18.01	118 44.08	527.60		980693.85	-980917.16	5.00	162.76	-59.71		-115.26	
.2873R038	48 16.58	118 42.86	516.60		980692.61	-980915.02	5.00	159.36	-58.47		-116.52	
.2873R039	48 15.40	118 41.40	519.70		980694.79	-980913.25	5.26	160.32	-58.82		-111.70	
.2873R040	48 13.92	118 41.96	504.10		980696.55	-980911.03	5.46	155.51	-57.06		-110.57	
.2873R041	48 12.28	118 42.78	500.50		980695.93	-980908.57	5.00	154.40	-56.65		-109.89	
.2873R042	48 8.87	118 41.62	477.90		980698.02	-980903.45	5.30	147.43	-54.10		-106.80	
.2873R043	48 7.38	118 41.54	474.30		980698.68	-980901.22	4.00	146.32	-53.69		-105.91	
.2873R044	48 5.88	118 41.62	457.20		980703.04	-980898.97	2.83	141.04	-51.76		-103.82	
.2873R045	48 4.71	118 40.92	456.30		980701.47	-980897.21	4.00	140.77	-51.65		-102.62	
.2873R046	48 13.52	118 39.37	598.00		980675.70	-980910.43	5.00	184.47	-67.67		-112.93	
.2873R047	48 39.03	118 40.93	737.00		980682.05	-980948.65	2.00	227.34	-83.36		-120.62	
.2873R048	48 36.77	118 39.77	859.50		980655.80	-980945.27	2.63	265.12	-97.18		-118.90	
.2873R050	48 34.47	118 34.90	1115.60		980610.13	-980941.83	3.00	344.10	-126.03		-110.63	
.2873R051	48 32.81	118 35.01	1183.20		980593.12	-980939.34	3.02	364.94	-133.64		-111.90	
.2873R052	48 32.12	118 33.13	1318.00		980577.20	-980938.31	4.00	406.51	-148.80		-99.40	
.2873R053	48 30.78	118 32.35	1333.20		980574.40	-980936.30	2.85	411.19	-150.51		-98.37	
.2873R054	48 29.57	118 31.37	1120.10		980612.21	-980934.49	5.00	345.49	-126.54		-98.33	
.2873R055	48 28.02	118 30.35	972.30		980632.58	-980932.17	6.48	299.91	-109.89		-102.99	
.2873R056	48 27.47	118 27.13	875.40		980647.37	-980931.34	7.14	270.03	-98.97		-105.77	
.2873R057	48 26.74	118 25.91	798.30		980660.77	-980930.25	8.00	246.25	-90.27		-105.50	
.2873R058	48 25.91	118 23.47	743.40		980672.00	-980929.00	11.10	229.32	-84.08		-100.66	
.2873R059	48 24.82	118 22.52	697.70		980681.24	-980927.37	8.79	215.22	-78.92		-101.04	
.2873R060	48 23.36	118 19.46	643.40		980695.88	-980925.18	5.00	198.47	-72.79		-98.62	
.2873R061	48 23.13	118 17.73	604.40		980708.20	-980924.84	3.52	186.45	-68.39		-95.06	
.2873R062	48 21.98	118 16.56	597.70		980708.96	-980923.11	3.00	184.38	-67.63		-94.40	
.2873R063	48 20.42	118 15.34	587.00		980710.62	-980920.77	2.00	181.08	-66.42		-93.49	
.2873R064	48 19.47	118 13.57	571.20		980709.91	-980919.35	2.00	176.21	-64.64		-92.87	
.2873R065	48 13.58	118 37.33	719.00		980657.65	-980910.52	4.83	221.79	-81.33		-107.58	
.2873R066	48 14.12	118 33.64	1109.50		980583.40	-980911.33	2.70	342.22	-125.34		-108.35	
.2873R067	48 14.57	118 32.41	1329.60		980558.05	-980912.00	3.00	379.25	-138.86		-110.56	
.2873R068	48 14.55	118 30.53	1172.60		980569.09	-980911.97	4.09	361.68	-132.44		-109.55	
.2873R069	48 14.78	118 29.58	1169.80		980570.80	-980912.32	4.00	360.81	-132.13		-108.84	
.2873R070	48 15.40	118 28.17	1036.00		980596.95	-980913.25	3.45	319.55	-117.07		-110.37	
.2873R071	48 16.18	118 26.46	859.20		980634.95	-980914.42	3.00	265.03	-97.14		-108.58	
.2873R072	48 16.90	118 25.22	805.30		980650.02	-980915.80	2.68	248.41	-91.06		-105.45	
.2873R073	48 17.36	118 23.72	799.50		980656.08	-980916.19	2.00	246.62	-90.41		-101.90	

BOUGUER GRAVITY DATA

PRINCIPAL FACIS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. G+V.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.2873R074	48 17.77	118 21.60	796.10		980658.12	-980916.80	2.00	245.57	-90.03		-101.14	
.2873R075	48 17.75	118 19.15	694.90		980678.78	-980916.77	2.00	214.36	-78.61		-100.24	
.2873R076	48 17.33	118 17.52	671.20		980683.99	-980916.14	2.00	207.05	-75.93		-99.03	
.2873R078	48 17.33	118 13.49	541.30		980712.47	-980916.14	1.00	165.98	-61.26		-96.95	
.2873R079	48 36.43	118 50.42	1060.70		980616.14	-980944.76	1.00	327.17	-119.85		-120.30	
.2873R080	48 35.17	118 53.03	1363.10		980555.59	-980942.88	2.00	420.41	-153.87		-118.75	
.2873R081	48 35.18	118 54.08	1262.00		980571.58	-980942.89	2.00	395.41	-144.75		-118.67	
.2873R082	48 34.93	118 55.31	1130.50		980602.35	-980942.52	1.51	348.69	-127.71		-117.68	
.2873R084	48 31.86	119 0.85	863.20		980655.14	-980938.07	3.00	265.26	-97.59		-111.26	
.2873R085	48 33.05	119 3.02	954.90		980642.30	-980939.70	3.00	294.54	-107.93		-107.79	
.2873R086	48 34.50	119 4.68	796.70		980682.71	-980941.87	3.00	245.75	-90.09		-100.50	
.2873R087	48 35.17	119 5.22	794.90		980679.25	-980942.88	3.00	245.20	-89.89		-105.32	
.2873R088	48 36.15	119 6.98	790.00		980681.48	-980944.34	3.00	243.69	-89.34		-105.51	
.2873R089	48 37.03	119 8.38	814.70		980680.58	-980945.66	3.00	251.31	-92.12		-102.89	
.2873R090	48 38.00	119 9.18	775.70		980688.59	-980947.11	3.00	235.28	-87.72		-103.98	
.2873R091	48 38.45	119 10.41	745.20		980694.32	-980947.79	3.00	229.87	-84.28		-104.88	
.2873R092	48 39.68	119 11.65	715.40		980702.52	-980949.63	3.00	220.68	-80.92		-104.35	
.2873R094	48 39.03	118 46.65	811.40		980671.39	-980948.65	3.00	250.29	-91.75		-115.72	
.2873R095	48 39.43	118 48.63	907.10		980651.39	-980949.25	4.00	279.80	-102.54		-116.60	
.2873R096	48 39.59	118 50.54	926.00		980646.32	-980949.49	4.61	285.63	-104.67		-117.60	
.2873R097	48 40.53	118 53.27	1089.40		980613.30	-980950.90	2.17	336.02	-123.08		-122.49	
.2873R098	48 40.83	118 54.38	1067.40		980615.95	-980951.35	3.00	329.23	-120.60		-123.77	
.2873R099	48 41.15	118 55.61	1099.10		980611.31	-980951.83	3.00	339.01	-124.17		-122.68	
.2873R100	48 42.19	118 57.38	1205.20		980595.30	-980953.39	2.83	371.73	-136.11		-119.64	
.2873R101	48 43.57	118 58.15	1274.70		980586.48	-980955.45	2.00	393.16	-143.93		-117.74	
.2873R102	48 43.74	119 0.43	1099.70		980619.84	-980955.70	2.00	339.19	-124.24		-118.91	
.2873R103	48 43.33	119 2.60	1076.50		980628.41	-980955.09	2.00	332.07	-121.64		-114.25	
.2873R104	48 43.00	119 4.31	1065.60		980631.64	-980954.60	3.00	328.68	-120.40		-111.68	
.2873R105	48 42.15	119 6.90	992.70		980647.98	-980953.33	3.00	306.20	-112.19		-108.34	
.2873R106	48 41.01	119 7.92	902.50		980665.70	-980951.62	3.00	278.38	-102.02		-106.56	
.2873R107	48 40.38	119 9.99	832.70		980681.05	-980950.68	3.00	256.86	-94.15		-103.92	
.2873R108	48 40.68	118 39.80	736.10		980690.58	-980951.12	2.00	227.06	-83.26		-114.74	
.2873R109	48 41.85	118 39.51	756.50		980686.50	-980952.86	2.72	233.36	-85.56		-115.66	
.2873R110	48 42.46	118 39.28	759.60		980687.45	-980953.79	2.65	234.31	-85.91		-115.29	
.2873R111	48 44.22	118 39.53	754.10		980687.73	-980956.42	3.00	232.62	-85.29		-118.36	
.2873R112	48 45.02	118 39.14	763.20		980689.30	-980957.62	3.00	235.42	-86.31		-116.21	
.2873R113	48 46.43	118 38.85	713.50		980697.59	-980959.73	3.00	220.09	-80.71		-119.78	
.2873R114	48 48.93	118 37.55	694.60		980701.50	-980960.48	3.49	216.28	-78.57		-119.40	
.2873R115	48 47.52	118 36.90	677.90		980706.02	-980961.36	3.00	209.11	-76.69		-119.92	
.2873R116	48 48.58	118 36.00	648.30		980712.66	-980962.95	4.00	199.98	-73.35		-119.68	
.2873R117	48 49.43	118 35.47	626.40		980720.76	-980964.22	4.00	193.23	-70.87		-117.10	

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LOCATION LONGITUDE	ELEV. ELEV.	ST.	OBSERVED GRAVITY	STD. GHV.	TERRAIN	CORRECTIONS FREE-AIR	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.2873R118	48 51.38	118 36.13	583.10		980731.70	-980967.14	4.00	179.87	-65.98		-117.55	
.2873R119	48 52.98	118 35.93	546.50		980743.07	-980969.53	5.00	168.58	-61.85		-114.73	
.2873R120	48 54.30	118 34.39	549.60		980744.02	-980971.50	6.00	169.54	-62.20		-114.14	
.2873R121	48 55.83	118 33.28	537.10		980753.50	-980973.79	6.00	165.69	-60.79		-109.39	
.2873R122	48 57.22	118 32.78	536.10		980758.05	-980975.87	6.19	165.38	-60.67		-106.92	
.2873R123	48 58.59	118 31.57	531.90		980763.26	-980977.92	5.00	164.06	-60.20		-105.78	
.2873R124	48 53.04	118 22.38	547.40		980740.70	-980969.62	6.69	168.86	-61.95		-115.32	
.2873R125	48 53.93	118 43.10	555.70		980737.34	-980970.95	7.00	171.42	-62.89		-118.08	
.2873R126	48 55.01	118 45.00	558.40		980740.14	-980972.56	7.88	172.26	-63.19		-115.67	
.2873R127	48 56.53	118 45.65	562.70		980744.78	-980974.84	8.00	173.58	-63.68		-112.16	
.2873R128	48 58.27	118 46.20	568.10		980745.87	-980977.44	7.00	175.25	-64.29		-113.61	
.2873R129	48 53.07	118 40.06	561.40		980740.47	-980969.66	7.00	173.18	-63.53		-112.54	
.2873R130	48 44.67	118 59.22	1092.40		980623.96	-980957.10	2.00	336.94	-123.42		-117.62	
.2873R131	48 46.38	118 58.60	1067.50		980626.47	-980959.66	1.70	335.43	-122.87		-118.93	
.2873R134	48 53.37	118 59.12	1256.10		980603.97	-980970.11	1.75	387.42	-141.84		-118.61	
.2873R135	48 56.74	118 59.11	1707.50		980515.27	-980975.15		526.59	-192.54		-125.83	
.2873R136	48 52.83	118 52.28	732.10		980698.63	-980969.30	8.00	225.83	-82.80		-119.64	
.2873R137	48 54.71	118 50.95	679.10		980712.75	-980972.12	7.09	209.48	-76.82		-119.62	
.2873R139	48 36.28	118 36.07	1065.30		980617.56	-980944.54	2.77	328.59	-120.37		-115.99	
.2873R140	48 36.63	118 32.47	1324.40		980578.52	-980945.06	3.00	408.48	-149.52		-104.58	
.2873R141	48 36.20	118 30.11	1589.80		980524.32	-980944.42	4.78	490.31	-179.33		-104.34	
.2873R142	48 36.86	118 27.74	1506.90		980539.01	-980945.41	4.67	464.75	-170.03		-106.81	
.2873R144	48 24.01	118 39.87	990.90		980617.80	-980926.16	2.00	305.65	-111.99		-112.70	
.2873R145	48 23.80	118 36.32	1161.00		980585.49	-980925.84	1.89	358.10	-131.14		-111.50	
.2873R146	48 22.19	118 36.22	1091.20		980594.11	-980923.43	2.00	336.58	-123.28		-114.02	
.2873R147	48 21.63	118 34.77	1140.00		980582.22	-980922.59	2.00	351.62	-128.78		-115.53	
.2873R148	48 21.17	118 36.12	1006.80		980607.95	-980921.90	1.70	310.55	-113.78		-115.48	
.2873R149	48 20.06	118 36.64	1080.80		980592.97	-980920.24	2.00	333.17	-122.11		-114.01	
.2873R150	48 18.70	118 37.12	981.50		980608.09	-980918.20	3.54	303.75	-110.93		-114.75	
.2873R151	48 17.92	118 38.48	734.00		980656.23	-980917.03	5.00	226.42	-83.02		-112.40	
.2873R152	48 16.24	118 39.20	642.80		980671.81	-980914.51	5.00	198.29	-72.72		-112.13	
.2873R153	48 6.29	118 22.02	576.40		980692.48	-980899.58	2.00	177.81	-65.23		-92.52	
.2873R154	48 7.48	118 23.40	624.80		980687.07	-980901.37	2.23	192.74	-70.69		-90.02	
.2873R155	48 8.16	118 25.57	670.90		980676.98	-980902.39	2.00	206.96	-75.90		-92.35	
.2873R156	48 8.77	118 28.22	940.30		980624.15	-980903.31	1.87	290.04	-106.28		-93.53	
.2873R157	48 10.97	118 27.92	1362.20		980533.46	-980906.60	9.35	420.14	-153.77		-97.42	
.2873R158	48 12.98	118 28.26	1161.00		980572.51	-980909.62	3.00	358.10	-131.14		-107.15	
.2873R159	48 11.83	118 31.77	806.50		980648.60	-980907.90	1.56	248.78	-91.20		-100.16	
.2873R160	48 9.44	118 32.98	741.00		980658.64	-980904.31	2.00	228.58	-83.81		-98.90	
.2873R161	48 6.91	118 35.55	940.90		980614.15	-980900.51	1.50	290.23	-106.35		-100.98	
.2873R162	48 5.40	118 36.97	599.50		980674.85	-980898.25	2.00	184.94	-67.83		-104.29	

BOUGUER GRAVITY DATA

PRINCIPAL FACIES FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN	CORRECTIONS FREE-AIR	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.2873R163	48 37.73	118 48.25	942.40		980643.15	-980946.71	3.00	290.69	-106.52		-116.39	
.2873R164	48 34.94	118 47.89	962.90		980631.97	-980942.53	3.00	297.01	-108.83		-119.38	
.2873R165	48 32.21	118 48.62	999.10		980621.16	-980938.44	3.00	308.17	-112.91		-119.02	
.2873R166	48 30.63	118 48.51	1004.00		980618.99	-980936.08	3.00	309.68	-113.46		-117.87	
.2873R167	48 22.06	118 53.22	954.00		980618.69	-980923.23	1.00	294.27	-107.83		-116.90	
.2873R168	48 20.32	118 52.28	1324.40		980538.72	-980920.63	5.71	408.48	-149.52		-117.24	
.2873R169	48 17.58	118 50.03	1040.90		980601.46	-980916.97	1.37	321.07	-117.62		-110.69	
.2873R170	48 14.78	118 48.86	1072.90		980584.78	-980912.32	1.00	330.93	-121.22		-116.83	
.2873R171	48 14.69	118 16.72	997.30		980603.26	-980912.18	0.97	307.62	-112.71		-113.04	
.2873R172	48 13.77	118 45.04	928.70		980620.36	-980910.80	1.00	286.47	-104.98		-107.95	
.2873R173	48 9.97	118 47.21	1176.20		980563.65	-980905.10	5.00	362.79	-132.85		-106.51	
.2873R174	48 8.74	118 47.29	1225.00		980549.67	-980903.26	7.27	377.84	-138.34		-106.82	
.2873R175	48 7.55	118 47.94	1252.70		980543.04	-980901.48	6.00	386.38	-141.46		-107.52	
.2873R176	48 6.36	118 48.21	1183.50		980558.20	-980899.69	4.44	365.04	-133.67		-105.68	
.2873R177	48 5.01	118 47.78	1202.10		980551.00	-980897.66	5.00	370.78	-135.76		-106.64	
.2873R178	48 3.70	118 47.66	1472.50		980484.36	-980895.70	18.80	454.15	-166.16		-104.55	
.2873R179	48 9.93	118 58.63	553.20		980685.70	-980905.05	2.00	170.65	-62.60		-109.30	
.2873R180	48 4.81	118 58.92	537.40		980682.00	-980897.36	3.00	165.78	-60.82		-107.40	
.2873R181	48 2.61	118 58.18	368.60		980711.94	-980894.06	2.43	119.68	-44.00		-103.81	
.2873R182	48 7.28	118 58.63	525.20		980686.64	-980901.07	1.08	162.02	-59.44		-110.77	
.2873S001	48 18.76	118 6.38	616.90		980696.78	-980918.29	2.00	190.30	-69.80		-99.01	
.2873S002	48 19.27	118 5.43	694.00		980681.39	-980919.05	2.00	214.08	-78.50		-100.08	
.2873S003	48 19.71	118 4.88	720.50		980676.55	-980919.71	2.00	222.25	-81.50		-100.41	
.2873S004	48 19.32	118 4.33	741.90		980671.67	-980919.13	2.27	228.85	-83.91		-100.25	
.2873S005	48 18.63	118 2.93	833.60		980652.53	-980918.09	3.00	257.14	-94.25		-99.67	
.2873S006	48 18.62	118 1.79	1009.80		980621.88	-980918.08	3.00	311.47	-114.11		-95.84	
.2873S007	48 18.68	118 1.12	960.40		980632.20	-980918.17	3.00	296.24	-108.56		-95.28	
.2873S008	48 18.40	117 58.59	813.50		980660.44	-980917.75	0.00	250.94	-91.99		-98.36	
.2873S010	48 18.67	117 52.08	627.60		980701.66	-980918.16	0.00	193.60	-71.01		-93.90	
.2873S011	48 16.53	117 42.88	507.50		980712.09	-980914.94	0.00	156.56	-57.44		-103.73	
.2873S012	48 17.33	117 40.90	633.10		980699.15	-980916.14	0.00	195.30	-71.63		-93.32	
.2873S013	48 17.72	117 38.61	847.60		980653.53	-980916.73	0.00	261.45	-95.83		-97.58	
.2873S014	48 18.08	117 36.37	1088.10		980607.76	-980917.27	0.00	335.62	-122.93		-96.82	
.2873S017	48 16.83	117 28.58	911.40		980645.57	-980915.39	0.00	281.13	-103.03		-91.72	
.2873S018	48 16.40	117 27.01	862.60		980655.61	-980914.75	0.00	266.08	-97.52		-90.58	
.2873S019	48 18.58	117 23.50	731.80		980685.70	-980918.02	0.00	235.74	-82.77		-89.35	
.2873S020	48 18.26	117 21.30	630.00		980698.49	-980917.54	0.00	194.14	-71.28		-95.99	
.2873S021	48 18.58	117 19.50	623.60		980694.94	-980918.02	0.00	192.37	-70.56		-101.27	
.2873S022	48 18.58	117 17.73	626.40		980692.85	-980918.02	0.00	193.23	-70.87		-102.81	
.2873S023	48 3.44	117 46.11	623.30		980666.79	-980895.31	0.00	192.28	-70.52		-106.76	
.2873S024	48 3.11	117 48.00	643.10		980656.61	-980894.81	0.00	198.38	-72.76		-112.58	

BOUGUER GRAVITY DATA

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LOCATION LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN	CORRECTIONS FREE-AIR	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.28735025	48 3.00	117 49.24	646.80		980653.67	-980894.65	0.00	199.52	-73.19		-114.64	
.28735028	48 5.11	118 1.76	950.70		980615.95	-980897.81	2.13	293.25	-107.46		-93.94	
.28735029	48 5.30	118 3.48	869.00		980631.21	-980898.10	3.00	268.06	-98.25		-94.08	
.28735030	48 6.47	118 4.23	753.80		980653.24	-980899.85	3.00	232.53	-85.25		-96.33	
.28735031	48 7.50	118 5.42	694.30		980673.52	-980901.40	2.00	214.17	-78.54		-90.25	
.28735032	48 7.72	118 7.40	641.30		980680.77	-980901.73	2.00	197.83	-72.55		-93.68	
.28735033	48 7.33	118 9.43	598.90		980692.28	-980901.15	2.00	184.75	-67.77		-89.89	
.28735034	48 7.07	118 11.48	507.20		980709.77	-980900.75	2.58	156.47	-57.41		-89.34	
.28735035	48 7.84	118 12.27	515.10		980707.35	-980901.91	2.00	158.90	-58.30		-91.96	
.28735036	48 8.73	118 10.79	477.30		980717.06	-980903.24	2.00	147.24	-54.03		-90.97	
.28735037	48 9.21	118 10.09	520.60		980709.01	-980903.97	2.00	160.60	-58.92		-91.28	
.28735038	48 10.64	118 9.99	552.30		980705.60	-980906.11	2.00	170.38	-62.50		-90.63	
.28735039	48 11.58	118 10.20	463.90		980720.76	-980907.52	2.00	143.11	-52.51		-94.16	
.28735040	48 13.48	118 9.81	399.60		980734.50	-980910.37	3.54	123.28	-45.24		-94.29	
.28735041	48 14.28	118 8.90	406.60		980731.23	-980911.57	3.00	125.43	-46.04		-97.95	
.28735042	48 15.81	118 7.82	402.30		980729.62	-980913.86	3.00	124.11	-45.55		-102.68	
.28735043	48 17.42	118 8.40	431.30		980729.05	-980916.28	2.00	133.05	-48.83		-101.01	
.28735044	48 19.04	118 8.85	408.40		980739.05	-980918.71	2.00	125.99	-46.24		-97.91	
.28735045	48 20.93	118 9.63	405.70		980745.21	-980921.54	3.05	125.16	-45.93		-94.05	
.28735046	48 22.88	118 9.88	453.50		980738.38	-980924.46	3.00	139.90	-51.34		-94.52	
.28735047	48 24.10	118 10.05	479.50		980735.92	-980926.29	2.00	147.92	-54.28		-94.73	
.28735048	48 25.73	118 10.18	525.50		980729.29	-980928.73	1.71	162.11	-59.48		-95.10	
.28735049	48 27.08	118 10.33	524.60		980730.04	-980930.76	2.00	161.83	-59.37		-96.26	
.28735050	48 3.38	117 38.21	725.40		980656.04	-980895.22	0.00	223.77	-82.05		-97.46	
.28735051	48 4.04	117 36.06	756.80		980648.60	-980896.21	0.00	233.45	-85.59		-99.75	
.28735052	48 4.16	117 32.98	717.20		980654.76	-980896.39	0.00	221.24	-81.12		-101.51	
.28735053	48 3.88	117 31.29	740.10		980656.23	-980895.37	0.00	228.30	-83.71		-94.55	
.28735054	48 3.23	117 27.46	740.10		980657.93	-980894.99	0.00	228.30	-83.71		-92.47	
.28735055	48 3.61	117 25.70	730.90		980662.01	-980895.56	0.00	225.46	-82.67		-90.76	
.28735056	48 5.41	117 22.20	712.90		980666.46	-980898.26	0.00	219.91	-80.64		-92.53	
.28735057	48 6.91	117 21.34	758.60		980657.88	-980900.51	0.00	234.01	-85.79		-94.41	
.28735058	48 8.90	117 20.08	686.10		980675.08	-980903.50	0.00	211.65	-77.61		-94.38	
.28735060	48 12.34	117 17.23	673.60		980688.35	-980908.66	0.00	207.79	-76.20		-88.72	
.28735061	48 14.22	117 16.78	666.90		980691.15	-980911.48	0.00	205.72	-75.45		-90.06	
.28735062	48 16.83	117 16.94	664.50		980689.96	-980915.39	0.00	204.98	-75.17		-95.62	
.28735063	48 20.04	117 16.08	631.50		980699.11	-980920.21	0.00	194.80	-71.45		-97.75	
.28735065	48 24.13	117 16.88	634.00		980704.70	-980926.34	0.00	195.58	-71.73		-97.79	
.28735067	48 5.54	117 45.41	564.20		980685.51	-980908.46	0.40	174.05	-63.85		-102.35	
.28735068	48 6.42	117 46.31	558.40		980688.11	-980899.78	0.00	172.26	-63.19		-102.60	
.28735069	48 7.47	117 44.64	529.40		980698.49	-980901.35	0.00	163.31	-59.92		-99.47	
.28735070	48 9.02	117 43.50	522.10		980703.13	-980903.68	0.00	161.06	-59.09		-98.58	

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LOCATION LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.28735071	48 10.28	117 45.12	514.80		980705.74	-980905.57	0.00	158.81	-58.27		-99.29	
.28735072	48 12.51	117 45.44	531.30		980707.16	-980908.91	0.00	163.90	-60.13		-97.98	
.28735073	48 13.60	117 43.96	517.20		980713.08	-980910.85	0.00	159.55	-58.54		-96.76	
.28735074	48 17.90	117 48.14	513.90		980723.88	-980917.00	0.00	158.53	-58.16		-92.75	
.28735075	48 21.18	117 51.67	502.00		980726.63	-980921.91	0.00	154.66	-56.82		-97.24	
.28735077	48 25.30	117 51.37	516.30		980720.19	-980928.09	0.00	159.27	-58.44		-107.07	
.28735078	48 29.48	117 54.38	477.90		980727.44	-980934.35	0.00	147.43	-54.10		-113.58	
.28735079	48 36.33	118 4.62	485.90		980742.93	-980944.61	1.39	149.89	-55.00		-105.40	
.28735080	48 34.30	118 5.10	398.70		980753.31	-980941.57	2.00	123.00	-45.14		-108.40	
.28735081	48 31.79	118 8.06	410.90		980752.41	-980937.81	4.96	126.76	-46.52		-100.20	
.3400 1	47 52.13	116 47.99	705.60		980640.13	-980879.33		217.66	-79.81		-100.35	
.3400 2	47 52.38	116 47.55	708.00		980641.10	-980878.71		218.40	-80.08		-99.29	
.3400 3	47 52.70	116 47.05	714.10		980640.50	-980879.19		220.28	-80.77		-99.18	
.3400 4	47 52.95	116 46.59	719.00		980637.58	-980879.56		221.79	-81.33		-101.52	
.3400 5	47 53.18	116 47.10	719.90		980636.85	-980879.91		222.07	-81.43		-102.42	
.3400 6	47 53.19	116 47.50	718.40		980638.99	-980879.92		221.61	-81.26		-100.58	
.3400 7	47 53.15	116 46.72	720.50		980636.49	-980879.86		222.26	-81.50		-102.61	
.3400 8	47 53.35	116 46.10	719.90		980636.26	-980880.16		222.07	-81.43		-103.26	
.3400 9	47 53.54	116 45.61	722.30		980635.07	-980880.45		222.61	-81.70		-104.27	
.3400 10	47 53.84	116 45.15	723.90		980634.89	-980880.90		223.31	-81.88		-104.58	
.3400 11	47 54.25	116 43.85	724.50		980634.44	-980881.51		223.49	-81.95		-105.53	
.3400 12	47 53.62	116 43.22	710.70		980634.37	-980880.57		219.23	-80.39		-107.36	
.3400 13	47 53.39	116 43.86	713.50		980635.53	-980880.22		220.10	-80.71		-105.30	
.3400 14	47 53.40	116 44.45	714.70		980636.91	-980880.24		220.47	-80.84		-103.70	
.3400 15	47 53.39	116 44.75	716.80		980636.35	-980880.22		221.12	-81.08		-103.83	
.3400 16	47 53.12	116 45.00	714.70		980639.01	-980879.82		220.47	-80.84		-101.18	
.3400 17	47 52.88	116 45.39	708.60		980639.42	-980879.46		218.59	-80.15		-101.60	
.3400 18	47 52.58	116 45.85	707.40		980640.48	-980879.01		218.22	-80.02		-100.33	
.3400 19	47 52.38	116 46.18	704.60		980641.31	-980879.71		217.35	-79.70		-99.75	
.3400 20	47 51.56	116 46.75	695.20		980641.68	-980877.47		214.45	-78.64		-99.98	
.3400 21	47 51.65	116 45.01	699.20		980635.85	-980877.61		215.69	-79.09		-105.16	
.3400 22	47 52.10	116 44.54	703.70		980635.84	-980879.28		217.08	-79.60		-104.96	
.3400 23	47 52.49	116 44.21	702.50		980637.55	-980878.87		216.71	-79.46		-104.07	
.3400 24	47 52.53	116 44.70	701.90		980640.50	-980879.93		216.52	-79.40		-101.31	
.3400 25	47 53.21	116 43.21	706.50		980636.55	-980879.95		217.94	-79.92		-105.38	
.3400 26	47 51.44	116 43.50	801.60		980615.40	-980877.29		247.27	-90.65		-105.27	
.3400 27	47 52.09	116 43.59	778.40		980620.55	-980878.27		240.11	-88.03		-105.64	
.3400 28	47 52.53	116 43.36	786.90		980619.41	-980878.93		242.74	-88.99		-105.77	
.3400 29	47 44.12	117 1.35	643.70		980648.45	-980868.30		198.57	-72.83		-92.11	
.3400 30	47 43.85	117 1.35	643.70		980647.04	-980865.89		198.57	-72.83		-93.11	
.3400 31	47 43.39	117 1.35	642.20		980645.32	-980865.20		198.11	-72.66		-94.43	

BOUGUER GRAVITY DATA

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	LOCATION ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
3400 32	47 42.99	117 1.35	639.10		980646.22	-980864.60		197.15	-72.31		-93.54	
3400 33	47 43.85	116 51.00	693.70		980625.31	-980865.89		213.99	-78.47		-105.06	
3400 34	47 43.83	116 49.73	693.10		980625.40	-980865.86		213.81	-78.40		-105.05	
3400 35	47 43.16	116 49.73	687.00		980623.56	-980864.86		211.93	-77.71		-107.08	
3400 36	47 42.95	116 48.40	671.70		980625.16	-980864.54		207.21	-75.99		-108.16	
3400 37	47 54.27	116 47.71	741.20		980637.37	-980881.54		228.64	-83.83		-99.36	
3400 38	47 54.28	116 47.04	736.70		980635.21	-980881.56		227.25	-83.32		-102.42	
3400 39	47 54.27	116 46.39	732.40		980634.88	-980881.54		225.93	-82.84		-103.57	
3400 40	47 54.27	116 45.75	734.20		980634.87	-980881.54		226.48	-83.04		-103.23	
3400 41	47 54.27	116 45.12	728.40		980634.70	-980881.54		224.69	-82.39		-104.54	
3400 42	47 56.02	116 44.39	754.60		980632.37	-980884.17		232.77	-85.34		-104.37	
3400 43	47 57.75	116 44.45	762.90		980630.48	-980886.77		235.33	-86.28		-107.24	
3400 44	47 58.95	116 46.95	757.70		980637.29	-980888.57		233.73	-85.69		-103.24	
3400 45	47 56.85	116 36.69	747.90		980623.29	-980885.42		230.71	-84.59		-116.01	
3400 46	47 57.32	116 36.70	739.10		980625.33	-980886.12		227.99	-83.59		-116.39	
3400 47	47 57.75	116 36.68	730.60		980627.42	-980886.77		225.37	-82.64		-116.62	
3400 48	47 58.18	116 36.70	711.70		980631.98	-980887.41		219.54	-80.50		-116.39	
3400 49	47 58.65	116 36.70	698.90		980636.01	-980888.12		215.59	-79.06		-115.58	
3400 50	47 59.05	116 36.61	661.40		980645.42	-980888.72		204.03	-74.82		-114.09	
3400 51	47 59.19	116 37.11	683.60		980641.64	-980888.93		210.88	-77.33		-113.74	
3400 52	47 59.70	116 37.29	704.00		980638.73	-980889.69		217.17	-79.63		-113.42	
3400 53	47 56.28	116 36.70	752.80		980623.59	-980884.56		232.22	-85.14		-113.89	
3400 54	47 56.20	116 35.08	832.70		980605.24	-980884.44		256.86	-94.15		-116.49	
3400 55	47 55.11	116 36.70	797.90		980612.76	-980882.60		246.13	-90.23		-114.14	
3400 56	47 54.73	116 35.48	815.30		980605.65	-980882.23		251.49	-92.19		-117.28	
3400 57	47 54.24	116 36.71	806.10		980608.60	-980881.50		248.66	-91.15		-115.39	
3400 58	47 57.64	116 35.41	726.00		980626.66	-980886.60		223.95	-82.12		-118.11	
3400 59	47 58.24	116 33.99	694.90		980630.69	-980887.50		214.36	-78.61		-121.06	
3400 60	47 57.75	116 41.87	715.30		980637.74	-980886.77		220.65	-80.91		-109.29	
3400 61	47 58.65	116 41.82	733.90		980635.37	-980888.12		226.39	-83.01		-109.37	
3400 62	47 59.22	116 41.78	696.70		980643.11	-980888.97		214.92	-78.81		-109.75	
3400 63	47 56.01	116 41.95	725.70		980633.50	-980884.16		223.86	-82.08		-108.48	
3400 64	47 55.58	116 40.56	739.10		980629.26	-980883.51		227.99	-83.59		-109.85	
3400 65	47 55.56	116 37.99	751.00		980624.36	-980883.48		231.66	-84.94		-112.40	
3400 66	47 55.12	116 38.00	750.40		980623.81	-980882.82		231.48	-84.87		-112.40	
3400 F1	47 47.30	116 47.12	704.00		980624.28	-980871.08		217.17	-79.63		-109.26	
3400 F2	47 47.30	116 45.83	740.90		980615.63	-980871.08		228.55	-83.80		-110.76	
3400 F3	47 47.30	116 48.42	702.90		980625.80	-980871.08		216.60	-79.50		-107.98	
3400 F4	47 47.30	116 49.71	697.30		980629.60	-980871.08		215.10	-78.88		-105.26	
3400 F5	47 47.30	116 51.01	693.10		980631.41	-980871.08		213.81	-78.40		-104.26	
3400 F6	47 47.30	116 52.29	696.70		980631.53	-980871.08		214.92	-78.81		-103.44	

BOUGUER GRAVITY DATA

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.3400 F7	47 49.04	116 48.42	703.70		980630.06	-980873.69		217.08	-79.60	-106.15	
.3400 F7	47 49.04	116 48.42	703.70		980630.06	-980873.69		217.08	-79.60	-106.15	
.3400 F8	47 49.04	116 49.69	686.70		980635.99	-980873.69		211.83	-77.68	-103.55	
.3400 F8	47 49.04	116 49.69	686.70		980635.99	-980873.69		211.83	-77.68	-103.55	
.3400 F9	47 49.04	116 51.00	683.00		980640.08	-980873.69		210.69	-77.26	-100.18	
.3400 F9	47 49.04	116 51.00	683.00		980640.08	-980873.69		210.69	-77.26	-100.18	
.3400 F10	47 49.05	116 52.28	676.00		980644.99	-980873.70		208.53	-76.47	-96.65	
.3400 F10	47 49.05	116 52.28	676.00		980644.99	-980873.70		208.53	-76.47	-96.65	
.3400 F11	47 49.15	116 53.10	683.90		980645.84	-980873.85		210.97	-77.36	-94.40	
.3400 F11	47 49.15	116 53.10	683.90		980645.84	-980873.85		210.97	-77.36	-94.40	
.3400 F12	47 48.62	116 53.97	669.00		980648.37	-980873.06		205.37	-75.68	-94.00	
.3400 F12	47 48.62	116 53.97	669.00		980648.37	-980873.06		205.37	-75.68	-94.00	
.3400 F13	47 48.15	116 54.89	663.80		980649.12	-980872.35		204.77	-75.10	-93.56	
.3400 F13	47 48.15	116 54.89	663.80		980649.12	-980872.35		204.77	-75.10	-93.56	
.3400 F14	47 47.62	116 55.61	662.60		980648.73	-980871.56		204.40	-74.96	-93.39	
.3400 F14	47 47.62	116 55.61	662.60		980648.73	-980871.56		204.40	-74.96	-93.39	
.3400 F15	47 47.15	116 56.50	657.40		980648.13	-980870.85		202.80	-74.37	-94.29	
.3400 F15	47 47.15	116 56.50	657.40		980648.13	-980870.85		202.80	-74.37	-94.29	
.3400 F16	47 46.60	116 57.95	652.20		980649.85	-980870.02		201.19	-73.79	-92.77	
.3400 F16	47 46.60	116 57.95	652.20		980649.85	-980870.02		201.19	-73.79	-92.77	
.3400 F17	47 47.82	116 58.80	648.00		980650.65	-980871.86		199.90	-73.31	-94.62	
.3400 F17	47 47.82	116 58.80	648.00		980650.65	-980871.86		199.90	-73.31	-94.62	
.3400 F18	47 45.02	117 0.48	647.30		980647.73	-980867.65		199.68	-73.23	-93.47	
.3400 F18	47 45.02	117 0.48	647.30		980647.73	-980867.65		199.68	-73.23	-93.47	
.3400 F19	47 45.91	117 0.72	670.20		980646.65	-980868.99		206.74	-75.82	-91.42	
.3400 F19	47 45.91	117 0.72	670.20		980646.65	-980868.99		206.74	-75.82	-91.42	
.3400 F20	47 46.82	117 2.30	668.40		980650.15	-980870.35		206.19	-75.61	-89.62	
.3400 F20	47 46.82	117 2.30	668.40		980650.15	-980870.35		206.19	-75.61	-89.62	
.3400 F21	47 47.68	117 3.70	731.80		980637.64	-980871.65		225.74	-82.77	-91.04	
.3400 F21	47 47.68	117 3.70	731.80		980637.64	-980871.65		225.74	-82.77	-91.04	
.3400 F22	47 46.32	117 3.72	651.00		980654.00	-980869.60		200.82	-73.65	-88.43	
.3400 F22	47 46.32	117 3.72	651.00		980654.00	-980869.60		200.82	-73.65	-88.43	
.3400 F23	47 45.53	117 3.70	650.40		980652.59	-980868.42		200.64	-73.58	-88.77	
.3400 F23	47 45.53	117 3.70	650.40		980652.59	-980868.42		200.64	-73.58	-88.77	
.3400 F24	47 45.10	117 4.10	649.50		980650.38	-980867.77		200.36	-73.48	-90.51	
.3400 F24	47 45.10	117 4.10	649.50		980650.38	-980867.77		200.36	-73.48	-90.51	
.3400 F26	47 47.30	116 44.53	740.30		980616.58	-980871.08		228.36	-83.73	-109.87	
.3400 F27	47 47.31	116 42.50	783.00		980608.97	-980871.09		241.53	-88.58	-109.14	
.3400 F28	47 46.44	116 43.22	716.80		980622.97	-980869.78		221.12	-81.08	-106.77	
.3400 F29	47 46.57	116 44.52	708.00		980623.60	-980869.98		214.40	-80.05	-108.06	
.3400 F30	47 48.18	116 45.82	737.90		980618.45	-980872.40		227.62	-83.46	-109.79	

BOUGUER GRAVITY DATA

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	LOCATION ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN	CORRECTIONS FREE-AIR	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.3400 F31	47 48.18	116 43.88	767.70		980611.70	-980872.40		236.81	-86.82		-110.71	
.3400 F32	47 48.18	116 42.28	770.50		980613.20	-980872.40		237.68	-87.14		-108.66	
.3400 F33	47 49.02	116 41.50	690.30		980629.68	-980873.66		212.94	-78.09		-109.13	
.3400 F34	47 49.48	116 44.52	767.70		980615.00	-980874.35		236.81	-86.82		-109.36	
.3400 F35	47 49.48	116 46.48	750.70		980617.96	-980874.35		231.57	-84.90		-109.72	
.3400 F36	47 49.92	116 48.40	687.00		980636.33	-980875.01		211.92	-77.71		-104.47	
.3400 F37	47 52.09	116 48.42	706.20		980642.47	-980878.27		217.65	-79.88		-97.83	
.3400 F38	47 52.09	116 49.33	703.40		980643.70	-980878.27		216.98	-79.57		-97.16	
.3400 F39	47 52.08	116 50.32	719.30		980639.92	-980878.26		221.89	-81.36		-97.81	
.3400 F40	47 52.07	116 50.92	723.50		980640.78	-980878.24		223.31	-81.88		-96.03	
.3400 F41	47 51.68	116 47.78	702.80		980639.91	-980877.65		216.80	-79.50		-100.44	
.3400 F42	47 51.65	116 45.82	694.30		980640.12	-980877.61		214.18	-78.54		-101.85	
.3400 F43	47 46.43	116 52.30	687.30		980631.80	-980869.77		212.02	-77.75		-103.70	
.3400 F44	47 44.68	116 52.30	683.30		980628.13	-980867.14		210.78	-77.30		-105.53	
.3400 F45	47 44.70	116 51.00	689.40		980626.57	-980867.17		212.67	-77.99		-105.92	
.3400 F46	47 44.70	116 49.72	706.20		980624.89	-980867.17		217.85	-79.88		-104.31	
.3400 F47	47 44.70	116 48.43	705.60		980623.81	-980867.17		217.66	-79.81		-105.51	
.3400 F48	47 44.70	116 53.55	681.20		980630.98	-980867.17		210.14	-77.06		-103.11	
.3400 F49	47 44.70	116 54.83	680.30		980633.08	-980867.17		209.86	-76.96		-101.19	
.3400 F50	47 44.70	116 56.20	670.80		980636.15	-980867.17		206.93	-75.89		-99.98	
.3400 F51	47 43.82	116 52.31	678.40		980628.71	-980865.85		209.27	-76.74		-104.61	
.3400 F52	47 42.92	116 51.00	687.90		980623.43	-980864.50		212.20	-77.82		-106.69	
.3400 F53	47 43.81	116 53.55	676.30		980630.81	-980865.83		208.63	-76.51		-102.90	
.3400 F54	47 42.60	116 53.50	673.00		980631.40	-980864.02		207.61	-76.13		-101.14	
.3400 F55	47 42.65	116 55.00	665.60		980633.09	-980864.09		205.33	-75.30		-99.97	
.3400 F56	47 42.93	116 56.52	662.00		980637.54	-980864.51		204.21	-74.89		-97.65	
.3400 F57	47 43.12	116 57.50	663.80		980638.45	-980864.80		204.77	-75.10		-96.68	
.3400 F58	47 44.30	116 56.88	678.10		980635.59	-980866.57		209.18	-76.71		-98.51	
.3400 F59	47 43.85	116 54.80	674.20		980634.46	-980865.89		207.98	-76.27		-99.72	
.3400 F60	47 43.80	116 58.40	651.60		980640.28	-980865.82		201.61	-73.72		-98.25	
.3400 F61	47 44.40	116 59.42	648.90		980643.24	-980866.72		200.17	-73.41		-96.72	
.3400 F62	47 43.00	116 58.70	651.60		980642.11	-980864.62		201.61	-73.72		-95.22	
.3400 F63	47 40.92	116 48.31	647.70		980634.32	-980861.49		199.80	-73.28		-100.65	
.3400 F64	47 38.80	116 53.30	677.50		980633.70	-980858.31		209.00	-76.64		-92.25	
.3400 F65	47 39.50	116 54.93	810.70		980607.49	-980859.36		250.08	-91.67		-93.46	
.3400 F67	47 38.35	116 54.82	723.50		980625.17	-980867.63		223.18	-81.83		-91.11	
.3400 F68	47 39.98	116 51.80	748.20		980618.77	-980860.08		230.80	-84.62		-95.13	
.3400 F69	47 40.01	116 49.80	651.00		980635.31	-980860.12		200.82	-73.65		-94.64	
.3400 F70	47 41.67	116 52.31	648.60		980638.87	-980862.62		200.08	-73.38		-97.05	
.3400 F71	47 41.50	116 54.83	648.60		980638.50	-980862.36		200.08	-73.36		-96.16	
.3400 F72	47 42.20	116 56.90	648.30		980641.40	-980863.42		199.99	-73.35		-95.38	

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	LOCATION	ELEV.	ST.	OBSERVED GRAVITY	STD. GRY.	TERRAIN FREE-AIR	BOUGUER SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.3400 F73	47 41.78	116 58.70		748.80		980623.43	-980862.78	230.99	-84.69	-93.05	
.3400 F74	47 48.18	116 48.42		701.30		980628.62	-980872.40	216.34	-79.33	-106.77	
.3400 F74	47 48.18	116 48.42		701.30		980628.62	-980872.40	216.34	-79.33	-106.77	
.3400 F75	47 48.18	116 49.70		704.30		980629.97	-980872.40	217.26	-79.67	-104.84	
.3400 F75	47 48.18	116 49.70		704.30		980629.97	-980872.40	217.26	-79.67	-104.84	
.3400 F76	47 48.18	116 51.02		689.70		980633.69	-980872.40	212.76	-78.02	-103.97	
.3400 F76	47 48.18	116 51.02		689.70		980633.69	-980872.40	212.76	-78.02	-103.97	
.3400 F77	47 48.18	116 52.30		680.60		980639.78	-980872.40	209.95	-76.99	-99.66	
.3400 F77	47 48.18	116 52.30		680.60		980639.78	-980872.40	209.95	-76.99	-99.66	
.3400 F78	47 49.92	116 52.28		693.40		980645.39	-980875.01	213.90	-78.44	-94.16	
.3400 F78	47 49.92	116 52.28		693.40		980645.39	-980875.01	213.90	-78.44	-94.16	
.3400 F79	47 53.25	116 52.27		731.80		980643.34	-980880.01	225.74	-82.77	-93.70	
.3400 F79	47 53.25	116 52.27		731.80		980643.34	-980880.01	225.74	-82.77	-93.70	
.3400 F80	47 53.70	116 49.82		707.70		980652.24	-980880.69	218.31	-80.05	-90.19	
.3400 F80	47 53.70	116 49.82		707.70		980652.24	-980880.69	218.31	-80.05	-90.19	
.3400 F81	47 55.14	116 49.32		743.10		980640.33	-980882.85	229.23	-84.05	-97.34	
.3400 F81	47 55.14	116 49.32		743.10		980640.33	-980882.85	229.23	-84.05	-97.34	
.3400 F82	47 55.14	116 48.32		745.80		980638.44	-980882.85	230.06	-84.35	-98.70	
.3400 F82	47 55.14	116 48.32		745.80		980638.44	-980882.85	230.06	-84.35	-98.70	
.3400 F83	47 55.15	116 47.09		746.10		980635.32	-980882.86	230.15	-84.38	-101.77	
.3400 F83	47 55.15	116 47.09		746.10		980635.32	-980882.86	230.15	-84.38	-101.77	
.3400 F84	47 55.14	116 45.77		744.30		980633.43	-980882.85	229.60	-84.18	-104.00	
.3400 F84	47 55.14	116 45.77		744.30		980633.43	-980882.85	229.60	-84.18	-104.00	
.3400 F85	47 55.13	116 44.47		740.00		980632.46	-980882.83	228.27	-83.70	-105.80	
.3400 F85	47 55.13	116 44.47		740.00		980632.46	-980882.83	228.27	-83.70	-105.80	
.3400 F86	47 54.23	116 44.47		728.10		980634.24	-980881.48	224.60	-82.35	-104.99	
.3400 F86	47 54.23	116 44.47		728.10		980634.24	-980881.48	224.60	-82.35	-104.99	
.3400 F87	47 54.23	116 43.19		723.50		980633.49	-980881.48	223.18	-81.83	-106.64	
.3400 F87	47 54.23	116 43.19		723.50		980633.49	-980881.48	223.18	-81.83	-106.64	
.3400 F88	47 54.24	116 40.62		746.10		980625.35	-980881.50	230.15	-84.38	-110.38	
.3400 F88	47 54.24	116 40.62		746.10		980625.35	-980881.50	230.15	-84.38	-110.38	
.3400 F89	47 54.23	116 38.24		747.90		980623.36	-980881.48	230.71	-84.59	-112.00	
.3400 F89	47 54.23	116 38.24		747.90		980623.36	-980881.48	230.71	-84.59	-112.00	
.3400 F90	47 54.23	116 37.91		778.40		980615.38	-980881.48	240.11	-88.03	-114.02	
.3400 F90	47 54.23	116 37.91		778.40		980615.38	-980881.48	240.11	-88.03	-114.02	
.3400 F91	47 49.07	116 47.20		707.70		980627.08	-980873.73	218.31	-80.05	-108.39	
.3400 F91	47 49.07	116 47.20		707.70		980627.08	-980873.73	218.31	-80.05	-108.39	
.3400 F92	47 48.29	116 56.18		723.90		980639.00	-980872.56	223.00	-81.77	-92.33	
.3400 F92	47 48.29	116 56.18		723.90		980639.00	-980872.56	223.00	-81.77	-92.33	
.3400 F93	47 48.80	116 56.82		735.70		980637.87	-980873.33	226.95	-83.21	-91.72	
.3400 F93	47 48.80	116 56.82		735.70		980637.87	-980873.33	226.95	-83.21	-91.72	

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	LOCATION	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN	CORRECTIONS FREE-AIR	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.3400 F94	47 47.75	116 57.60		717.80		980638.84	-980871.75		221.42	-81.19		-92.68	
.3400 F94	47 47.75	116 57.60		717.80		980638.84	-980871.75		221.42	-81.19		-92.68	
.3400 F95	47 47.75	116 58.78		772.00		980630.21	-980871.75		238.14	-87.31		-90.71	
.3400 F95	47 47.75	116 58.78		772.00		980630.21	-980871.75		238.14	-87.31		-90.71	
.3400 F96	47 46.98	116 56.78		732.40		980635.50	-980870.60		225.93	-82.84		-92.01	
.3400 F96	47 46.98	116 58.78		732.40		980635.50	-980870.60		225.93	-82.84		-92.01	
.3400 F97	47 42.58	117 49.10		634.50		980649.14	-980863.99		195.73	-71.79		-90.91	
.3400 F98	47 42.00	117 49.10		631.50		980649.03	-980863.11		194.61	-71.45		-90.72	
.3400 F99	47 42.10	117 46.30		645.50		980644.72	-980863.27		199.13	-73.03		-92.45	
.3400135A	47 40.83	116 49.50		735.70		980621.01	-980861.36		226.95	-83.21		-96.61	
.3400BASE	47 46.54	116 48.55		704.30		980624.04	-980869.94		217.26	-79.67		-108.31	
.3400F100	47 42.55	117 46.30		652.50		980643.05	-980863.94		201.28	-73.82		-93.43	
.3400F101	47 42.55	117 45.10		637.60		980645.64	-980863.94		196.69	-72.14		-93.75	
.3400F102	47 41.22	117 46.80		645.50		980645.48	-980861.94		199.13	-73.03		-90.36	
.3400F103	47 40.20	117 47.72		665.90		980641.06	-980860.41		205.42	-75.33		-89.26	
.3400F104	47 39.38	117 47.40		680.90		980637.45	-980859.18		210.04	-77.03		-88.72	
.3400F105	47 42.33	116 51.00		660.50		980630.69	-980863.61		203.75	-74.72		-103.89	
.3400F106	47 42.32	116 52.20		656.20		980633.85	-980863.60		202.43	-74.24		-101.56	
.3400F107	47 41.78	116 53.55		648.30		980639.70	-980862.78		199.99	-73.35		-96.44	
.3400F108	47 44.67	116 47.65		683.90		980626.08	-980867.13		210.97	-77.36		-107.44	
.3400F109	47 43.81	116 45.88		683.60		980624.07	-980865.83		210.88	-77.33		-108.21	
.3400F110	47 43.83	116 48.42		687.60		980625.78	-980865.86		212.11	-77.78		-105.75	
.3400F111	47 42.12	116 47.20		682.70		980623.60	-980863.29		210.60	-77.23		-106.32	
.3400F112	47 42.10	116 48.62		684.40		980631.29	-980863.27		204.96	-75.16		-102.18	
.3400F113	47 47.30	116 53.60		678.70		980638.56	-980871.08		209.37	-76.78		-99.93	
.3400F114	47 47.32	116 54.89		664.10		980643.95	-980871.11		204.86	-75.13		-97.43	
.3400F115	47 46.47	116 54.90		676.60		980637.32	-980869.83		208.72	-76.54		-100.33	
.3400F116	47 46.47	116 56.18		683.80		980642.88	-980869.83		204.77	-75.10		-97.28	
.3400F117	47 46.43	116 53.60		686.10		980633.94	-980869.77		211.65	-77.61		-101.79	
.3400F118	47 46.42	116 51.00		694.60		980628.23	-980869.75		214.27	-78.57		-105.82	
.3400F119	47 39.98	116 46.21		648.00		980635.17	-980860.08		199.90	-73.31		-98.32	
.3400F120	47 40.95	116 42.97		733.90		980614.46	-980861.54		226.39	-83.01		-103.70	
.3400F121	47 39.50	116 44.42		648.60		980633.02	-980859.36		200.08	-73.38		-99.64	
.3400F122	47 46.20	116 45.83		701.90		980621.77	-980869.42		216.52	-79.40		-110.53	
.3400F123	47 55.28	116 51.90		786.00		980638.77	-980883.06		242.46	-88.49		-90.72	
.3400F124	47 55.27	116 51.57		795.80		980634.95	-980883.04		245.48	-89.99		-92.60	
.3400F125	47 55.12	116 51.28		794.60		980632.47	-980882.82		245.11	-89.86		-95.10	
.3400F126	47 54.93	116 51.03		776.30		980634.79	-980882.53		239.47	-87.79		-96.06	
.3400F127	47 54.79	116 50.72		741.50		980640.94	-980882.32		228.73	-83.67		-96.52	
.3400F128	47 54.69	116 50.43		740.90		980640.51	-980882.17		228.55	-83.60		-96.91	
.3400F129	47 54.58	116 50.20		737.00		980641.43	-980882.01		227.35	-83.36		-96.59	

BOUGUER GRAVITY DATA

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LOCATION LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.3400F130	47 54.63	116 49.92	735.10		980641.59	-980862.08		226.76	-83.14	-96.97	
.3400F131	47 54.67	116 49.66	733.60		980641.86	-980882.14		226.30	-82.97	-96.95	
.3400F132	47 54.55	116 49.55	732.40		980642.56	-980881.96		225.93	-82.84	-96.31	
.3400F133	47 54.51	116 49.32	733.60		980642.46	-980881.90		226.30	-82.97	-96.11	
.3400F134	47 54.26	116 48.32	755.20		980636.37	-980881.53		232.96	-85.41	-97.61	
.3400F135	47 53.40	116 47.89	770.50		980631.85	-980880.24		237.68	-87.14	-97.85	
.3400F136	47 40.72	116 49.02	707.40		980625.00	-980861.19		218.22	-80.02	-97.99	
.3400F137	47 40.58	116 48.64	675.70		980628.88	-980860.98		208.44	-76.40	-100.10	
.3400F138	47 40.80	116 48.30	654.40		980633.30	-980861.31		201.87	-74.03	-100.17	
.3400F139	47 41.02	116 48.40	655.60		980633.46	-980861.64		202.24	-74.17	-100.11	
.3400F140	47 41.19	116 48.70	647.70		980634.15	-980861.90		199.80	-73.28	-101.23	
.3400F141	47 41.22	116 47.70	661.40		980629.50	-980861.94		204.03	-74.82	-103.23	
.3400F142	47 41.28	116 47.48	673.60		980625.19	-980862.03		207.79	-76.20	-105.25	
.3400F143	47 41.32	116 47.10	673.60		980624.38	-980862.09		207.79	-76.20	-106.12	
.3400F144	47 41.45	116 46.80	672.00		980625.18	-980862.29		207.30	-76.02	-105.83	
.3400F145	47 41.45	116 46.50	671.70		980625.94	-980862.29		207.21	-75.99	-105.13	
.3400F146	47 41.60	116 46.30	672.00		980626.64	-980862.51		207.30	-76.02	-104.59	
.3400F147	47 41.60	116 46.09	661.40		980629.00	-980862.51		204.03	-74.82	-104.30	
.3400F148	47 41.58	116 45.82	658.30		980630.73	-980862.48		203.07	-74.47	-103.15	
.3400F149	47 53.19	116 47.92	717.80		980642.50	-980879.92		221.42	-81.19	-97.19	
.3400F150	47 52.93	116 48.41	717.10		980643.53	-980879.53		221.21	-81.11	-95.90	
.3400F151	47 52.74	116 48.42	716.20		980643.00	-980879.25		220.93	-81.01	-96.33	
.3400F152	47 52.43	116 48.41	707.10		980643.70	-980878.78		218.12	-79.98	-96.56	
.3400F153	47 52.19	116 48.42	706.20		980642.42	-980878.42		217.85	-79.88	-98.03	
.3400F154	47 51.86	116 48.40	710.70		980640.43	-980877.92		219.23	-80.39	-98.65	
.3400F155	47 51.65	116 48.42	706.20		980639.79	-980877.61		217.85	-79.88	-99.85	
.3400F156	47 51.67	116 48.12	703.70		980640.17	-980877.64		217.08	-79.60	-99.99	
.3400F157	47 51.68	116 47.78	702.80		980639.70	-980877.65		216.80	-79.50	-100.65	
.3400F158	47 51.68	116 47.52	701.60		980640.08	-980877.65		216.43	-79.36	-100.50	
.3400F159	47 51.68	116 47.18	694.30		980642.24	-980877.65		214.18	-78.54	-99.77	
.3400F160	47 51.58	116 46.78	694.30		980641.44	-980877.50		214.18	-78.54	-100.42	
.3400F161	47 51.65	116 46.25	695.20		980640.37	-980877.61		214.45	-78.64	-101.43	
.3400F162	47 51.64	116 45.83	694.30		980640.00	-980877.59		214.18	-78.54	-101.98	
.3400F163	47 52.10	116 48.91	703.70		980644.54	-980878.28		217.08	-79.60	-96.26	
.3400F164	47 52.09	116 49.42	703.40		980643.69	-980878.27		216.98	-79.57	-97.17	
.3400F165	47 52.09	116 49.69	707.10		980641.92	-980878.27		218.12	-79.98	-98.21	
.3400F166	47 52.08	116 50.00	715.60		980640.36	-980878.26		220.75	-80.94	-98.09	
.3400F167	47 52.08	116 50.32	719.30		980639.72	-980878.26		221.89	-81.36	-98.01	
.3400F168	47 52.09	116 50.60	714.10		980641.23	-980878.27		220.28	-80.77	-97.53	
.3400F169	47 52.08	116 50.90	723.90		980640.59	-980878.26		223.31	-81.86	-96.24	
.3400F170	47 52.08	116 51.20	726.60		980642.54	-980878.26		224.14	-82.18	-93.76	

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	LOCATION	ELEV. ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER ANOMALY	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.3400F171	47 51.98	116 51.43		741.80	980641.16	-980879.10		228.83	-83.90		-92.01	
.3400F172	47 56.53	116 51.63		743.70	980648.19	-980884.94		229.41	-84.11		-91.45	
.3400F173	47 56.74	116 51.61		774.10	980640.26	-980885.25		238.79	-87.54		-93.74	
.3400F174	47 57.19	116 52.00		778.70	980640.90	-980885.93		240.21	-88.06		-92.88	
.3400F175	47 57.13	116 51.59		783.30	980637.67	-980885.84		241.63	-88.58		-94.92	
.3400F176	47 57.18	116 51.20		784.80	980636.36	-980885.91		242.09	-88.75		-96.21	
.3400F177	47 57.04	116 50.84		786.00	980636.08	-980885.70		242.46	-88.89		-96.05	
.3400F178	47 56.98	116 50.42		786.30	980635.21	-980885.61		242.55	-88.92		-96.77	
.3400F179	47 56.93	116 50.03		787.30	980635.04	-980885.54		242.86	-89.03		-96.67	
.3400F180	47 56.90	116 49.84		788.80	980635.15	-980885.49		243.32	-89.20		-96.22	
.3400F181	47 56.89	116 49.32		787.60	980634.17	-980885.48		242.95	-89.07		-97.43	
.3400F182	47 56.89	116 48.89		785.40	980633.14	-980885.48		242.27	-88.82		-98.89	
.3400F183	47 56.88	116 48.50		779.60	980633.19	-980885.46		240.48	-88.16		-99.95	
.3400F184	47 56.88	116 48.38		779.30	980632.86	-980885.46		240.39	-88.13		-100.34	
.3400F185	47 56.89	116 47.93		777.80	980632.21	-980885.48		239.93	-87.96		-101.30	
.3400F186	47 56.88	116 47.50		770.20	980632.95	-980885.46		237.59	-87.10		-102.02	
.3400F187	47 56.88	116 47.31		772.30	980632.14	-980885.46		238.23	-87.34		-103.43	
.3400F188	47 56.88	116 46.88		771.70	980631.32	-980885.46		238.05	-87.27		-103.36	
.3400F189	47 56.88	116 46.48		770.80	980631.10	-980885.46		237.77	-87.17		-103.76	
.3400F190	47 56.88	116 46.09		766.20	980631.15	-980885.46		236.35	-86.65		-104.61	
.3400F191	47 56.88	116 45.77		766.50	980630.81	-980885.46		236.44	-86.69		-104.90	
.3400F192	47 56.88	116 45.32		762.30	980631.19	-980885.46		235.15	-86.21		-105.33	
.3400F193	47 56.88	116 44.89		758.30	980631.09	-980885.46		233.91	-85.76		-106.22	
.3400F194	47 56.88	116 44.42		760.70	980629.91	-980885.46		234.66	-86.03		-106.92	
.3400F195	47 56.88	116 43.88		760.10	980629.16	-980885.46		234.47	-85.96		-107.79	
.3400F196	47 56.87	116 43.46		757.70	980629.27	-980885.45		233.73	-85.69		-108.14	
.3400F197	47 56.87	116 43.18		740.90	980632.51	-980885.45		228.55	-83.80		-108.19	
.3400F198	47 56.87	116 42.72		727.20	980635.32	-980885.45		224.32	-82.25		-108.06	
.3400F199	47 56.87	116 42.39		728.40	980634.09	-980885.45		224.69	-82.39		-109.06	
.3400F200	47 56.87	116 41.85		732.40	980632.91	-980885.45		225.93	-82.84		-109.45	
.3400F201	47 56.87	116 41.52		733.90	980631.84	-980885.45		226.39	-83.01		-110.23	
.3400F202	47 56.88	116 41.00		744.30	980628.77	-980885.46		229.50	-84.18		-111.27	
.3400F203	47 56.88	116 40.54		747.00	980627.54	-980885.46		230.43	-84.49		-111.98	
.3400F204	47 56.88	116 40.05		746.10	980627.60	-980885.46		230.15	-84.38		-112.09	
.3400F205	47 57.09	116 41.13		738.50	980630.90	-980885.78		227.81	-83.53		-110.60	
.3400F206	47 57.18	116 40.85		742.70	980630.85	-980886.36		229.10	-84.00		-110.41	
.3400F207	47 57.63	116 40.55		742.10	980631.55	-980886.59		228.92	-83.93		-110.05	
.3400F208	47 57.76	116 40.21		740.60	980632.10	-980886.78		228.46	-83.76		-109.98	
.3400F209	47 57.75	116 39.80		734.50	980632.81	-980886.77		226.67	-83.08		-110.47	
.3400F210	47 57.77	116 39.23		740.60	980629.79	-980886.80		228.46	-83.76		-112.31	
.3400F211	47 58.02	116 39.24		732.10	980631.58	-980887.17		225.43	-82.80		-112.56	

BOUGUER GRAVITY DATA

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-PAIR	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.3400F212	47 58.32	116 39.22	721.70		980635.09	-980887.62		-81.63		-111.53	
.3400F213	47 59.04	116 38.32	665.00		980647.87	-980888.70	222.63	-75.23		-110.92	
.3400F214	47 59.25	116 38.60	691.80		980643.84	-980889.02	205.14	-78.26		-110.40	
.3400F215	47 57.50	116 39.24	734.50		980633.22	-980886.39	213.40	-83.08		-109.68	
.3400F216	47 57.10	116 39.24	749.50		980627.57	-980885.79	226.57	-84.77		-111.79	
.3400F217	47 56.88	116 39.25	744.00		980626.72	-980885.46	231.20	-84.15		-113.39	
.3400F218	47 56.63	116 39.28	746.40		980625.38	-980885.09	229.50	-84.42		-113.89	
.3400F219	47 56.37	116 39.27	743.40		980626.63	-980884.70	230.24	-84.08		-112.83	
.3400F220	47 56.07	116 39.28	744.30		980627.45	-980884.25	229.32	-84.18		-111.38	
.3400F221	47 55.78	116 39.26	752.20		980626.27	-980883.81	229.60	-85.07		-110.58	
.3400F222	47 55.57	116 39.25	751.00		980626.14	-980883.50	232.03	-84.94		-110.64	
.3400F223	47 55.58	116 39.28	751.00		980626.01	-980883.51	231.66	-84.94		-110.78	
.3400F224	47 55.09	116 39.28	753.10		980623.80	-980882.77	231.66	-85.17		-111.83	
.3400F225	47 54.79	116 39.30	749.80		980625.91	-980882.32	232.31	-84.80		-109.92	
.3400F226	47 54.50	116 39.28	745.20		980625.76	-980881.89	231.29	-84.28		-110.54	
.3400F227	47 54.26	116 39.28	747.90		980623.59	-980881.53	229.87	-84.59		-111.82	
.3400F228	47 54.27	116 39.28	747.90		980623.34	-980881.54	230.71	-84.59		-112.08	
.3400F229	47 53.92	116 40.61	746.70		980625.29	-980881.54	230.15	-84.38		-110.48	
.3400F230	47 53.88	116 40.62	749.20		980624.27	-980881.02	230.34	-84.45		-110.86	
.3400F231	47 48.18	116 56.11	722.90		980623.47	-980880.96	231.11	-84.73		-111.11	
.3400F232	47 47.78	116 56.30	703.10		980639.21	-980872.40	223.00	-81.77		-91.96	
.3400F233	47 47.30	116 56.18	657.10		980640.23	-980871.80	216.89	-79.53		-94.21	
.3400F234	47 46.90	116 56.18	663.20		980649.34	-980871.08	202.70	-74.34		-93.38	
.3400F235	47 46.45	116 56.15	663.80		980646.04	-980870.48	204.58	-75.03		-94.89	
.3400F236	47 46.18	116 56.10	667.90		980642.75	-980869.80	204.77	-75.10		-97.38	
.3400F237	47 45.80	116 56.15	665.00		980640.75	-980869.39	205.00	-75.55		-98.19	
.3400F238	47 45.59	116 56.20	660.10		980640.53	-980868.82	205.14	-75.23		-98.38	
.3400F239	47 45.59	116 57.50	658.60		980641.61	-980868.49	203.63	-74.68		-97.93	
.3400F240	47 45.38	116 57.51	659.20		980643.49	-980868.51	203.17	-74.51		-96.36	
.3400F241	47 45.13	116 57.51	658.60		980641.76	-980868.19	203.35	-74.59		-97.66	
.3400F242	47 44.71	116 57.48	658.00		980641.32	-980867.82	203.17	-74.51		-97.84	
.3400F243	47 44.50	116 57.48	655.30		980640.40	-980867.19	203.98	-74.44		-98.25	
.3400F244	47 44.16	116 57.48	659.20		980640.67	-980866.87	203.15	-74.14		-98.19	
.3400F245	47 43.83	116 57.50	664.40		980639.32	-980866.36	203.35	-74.58		-98.27	
.3400F246	47 43.38	116 57.46	673.00		980638.51	-980865.86	204.95	-75.16		-97.56	
.3400F247	47 43.12	116 57.48	662.70		980636.46	-980865.19	207.61	-76.13		-97.25	
.3400F248	47 42.90	116 57.40	661.10		980638.88	-980864.80	204.43	-74.97		-96.46	
.3400F249	47 42.60	116 57.60	648.60		980639.14	-980864.47	203.94	-74.79		-98.18	
.3400F250	47 42.57	116 57.31	686.10		980642.69	-980864.02	200.08	-73.38		-94.63	
.3400F251	47 44.65	117 4.06	651.00		980630.50	-980868.48	211.65	-77.61		-103.94	
.3400F252	47 44.65	117 4.06	651.00		980649.73	-980867.10	200.82	-73.65		-90.20	

BOUGUER GRAVITY DATA

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LOCATION LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
3440P202	47 44.65	117 4.06	651.00		980649.73	-980867.10		200.82	-73.65		-90.20	
3440P206	47 50.77	116 48.42	693.70		980638.54	-980876.29		213.99	-78.47		-102.23	
3448 249	47 47.20	117 18.20	572.00		980671.75	-980870.93		176.67	-64.81		-87.32	
3448 250	47 50.10	117 14.20	669.00		980657.69	-980875.28		206.37	-75.68		-86.90	
3448 251	47 54.90	117 15.90	605.30		980673.82	-980882.49		186.73	-68.49		-90.43	
3448 253	47 33.40	117 12.70	755.30		980613.00	-980850.19		232.99	-85.42		-89.62	
3448 254	47 32.10	117 18.80	747.10		980620.60	-980848.24		230.46	-84.50		-81.68	
3448 255	47 26.50	117 11.20	775.70		980601.57	-980839.82		239.28	-87.72		-86.69	
3448 256	47 24.80	117 29.30	722.10		980608.20	-980837.26		222.75	-81.68		-87.99	
3448 257	47 18.40	117 26.30	726.60		980606.89	-980827.64		224.14	-82.18		-78.79	
3448 258	47 16.50	117 17.00	734.90		980596.12	-980824.78		226.70	-83.12		-85.08	
3448 259	47 17.80	117 9.90	772.70		980586.28	-980826.73		238.36	-87.39		-89.48	
3448 260	47 12.00	117 30.80	643.40		980611.08	-980818.01		198.48	-72.79		-81.24	
3448 261	47 7.20	117 34.20	604.10		980606.21	-980810.79		186.36	-68.35		-86.57	
3448 262	47 6.70	117 44.00	524.60		980630.61	-980810.03		161.84	-59.37		-76.95	
3448 263	47 12.90	117 39.50	649.40		980613.49	-980819.36		200.33	-73.47		-79.01	
3448 264	47 17.20	117 46.00	602.00		980624.62	-980825.83		185.71	-68.12		-83.62	
3448 265	47 17.20	117 52.70	600.20		980626.63	-980825.83		185.16	-67.91		-81.95	
3448 266	47 22.20	117 40.80	705.60		980608.67	-980833.35		217.66	-79.81		-86.83	
3448 267	47 34.80	117 40.90	737.60		980621.44	-980852.30		227.53	-83.43		-86.76	
3448 268	47 30.30	117 41.80	723.90		980611.43	-980845.53		223.31	-81.88		-92.67	
3448 269	47 29.60	117 46.20	719.90		980607.38	-980844.48		222.07	-81.43		-96.46	
3448 270	47 25.30	117 54.10	705.60		980611.62	-980838.01		217.86	-79.81		-88.54	
3448 271	47 30.50	117 56.90	709.30		980614.69	-980845.83		218.80	-80.23		-92.57	
3448 272	47 35.70	117 56.40	724.80		980617.85	-980853.65		223.58	-81.98		-94.20	
3448 273	47 34.00	117 50.50	756.50		980604.53	-980851.09		233.36	-85.56		-98.76	
3448 274	47 40.60	117 33.60	703.80		980637.52	-980861.01		217.11	-79.61		-85.99	
3448 275	47 44.10	117 30.30	504.40		980683.48	-980866.27		155.60	-57.09		-84.28	
3448 276	47 44.70	117 33.10	559.30		980671.61	-980867.17		172.54	-63.29		-86.31	
3448 277	47 46.90	117 38.80	734.90		980647.99	-980870.48		226.70	-83.12		-78.91	
3448 278	47 44.70	117 44.00	741.00		980639.92	-980867.17		228.58	-83.81		-82.48	
3448 279	47 41.20	117 46.50	768.40		980622.95	-980861.91		237.03	-86.90		-88.83	
3448 280	47 41.00	117 52.70	754.10		980620.88	-980861.61		232.62	-85.29		-93.40	
3448 281	47 43.90	117 51.10	773.30		980623.38	-980865.97		238.54	-87.45		-91.50	
3448 282	47 49.50	117 52.00	529.10		980678.21	-980874.38		163.22	-59.88		-92.83	
3448 285	47 55.00	117 39.50	566.00		980685.69	-980882.64		174.60	-64.05		-86.40	
3448 286	47 57.70	117 36.50	697.10		980663.72	-980886.69		215.04	-78.88		-86.78	
3448 288	47 54.20	117 26.60	621.20		980669.28	-980881.44		191.63	-70.29		-90.82	
3448 289	47 48.50	117 24.00	579.40		980670.47	-980872.88		178.74	-65.56		-89.23	
3448 290	47 37.50	117 27.80	644.30		980642.10	-980886.35		198.76	-72.89		-88.38	
3448 291	47 36.20	117 23.50	723.30		980619.40	-980854.40		223.12	-81.81		-93.69	

BOUGUER GRAVITY DATA

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LOCATION		ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS		BOUGUER ANOMALY	SPEC. FIELD
		LONGITUDE	LONGITUDE						FREE-AIR	SPECIAL		
.3448 292	47 37.30	117 19.90		740.40		980625.15	-980856.05		228.40		-83.74	-86.24
.3448 293	47 39.90	117 18.20		598.00		980657.19	-980859.96		184.47		-67.67	-85.97
.3448 294	47 43.40	117 18.60		741.60		980631.27	-980865.22		228.77		-83.86	-89.06
.3448 296	47 42.00	117 11.80		627.00		980652.71	-980863.11		193.42		-70.94	-87.92
.3448 297	47 40.30	117 8.50		620.60		980649.31	-980860.56		191.45		-70.22	-90.02
.3448 298	47 40.20	117 24.70		581.30		980659.57	-980860.41		179.32		-65.78	-87.30
.3448 299	47 43.20	117 24.70		628.50		980654.52	-980864.92		193.68		-71.11	-87.63
.3448 300	48 1.00	117 11.70		722.70		980659.78	-980891.65		222.93		-81.74	-90.68
.3448 302	48 7.80	117 4.90		691.30		980678.69	-980901.85		213.25		-78.20	-88.11
.3448 303	48 14.30	117 16.90		666.90		980690.27	-980911.60		205.72		-75.45	-91.06
.3448 305	48 23.80	117 11.30		1086.90		980609.60	-980925.84		335.25		-122.80	-103.79
.3448 306	48 21.60	117 2.50		740.40		980679.90	-980922.54		228.39		-83.74	-97.99
.3448 307	48 17.80	117 7.40		873.90		980656.25	-980916.85		263.56		-89.80	-89.84
.3448 308	48 18.40	117 14.00		626.10		980695.13	-980917.75		193.14		-70.84	-100.32
.3448 309	48 15.70	117 21.90		634.00		980698.42	-980913.70		195.58		-71.73	-91.43
.3448 312	48 7.00	117 21.40		759.30		980657.49	-980900.65		234.22		-85.87	-94.81
.3448 313	48 2.30	117 24.80		670.00		980669.92	-980893.60		206.68		-75.80	-92.80
.3448 314	48 2.00	117 31.30		685.20		980664.02	-980893.15		211.37		-77.51	-95.27
.3448 315	48 4.80	117 33.10		735.20		980651.53	-980897.35		226.79		-83.15	-102.18
.3448 317	48 8.50	117 32.60		760.50		980654.01	-980902.90		234.59		-86.01	-100.31
.3448 318	48 11.10	117 30.60		972.30		980620.20	-980906.80		299.91		-109.89	-96.58
.3448 320	47 41.70	117 57.50		764.10		980619.21	-980862.66		235.71		-86.42	-94.16
.3448 321	47 44.80	117 56.50		738.10		980632.11	-980867.32		227.81		-83.53	-90.93
.3448 322	47 47.30	117 59.50		763.60		980634.33	-980871.08		235.55		-86.36	-87.56
.3448 324	47 48.30	118 7.50		529.70		980672.36	-980872.58		163.41		-59.95	-96.76
.3448 325	47 52.30	118 9.00		419.40		980690.90	-980878.59		129.38		-47.48	-105.79
.3448 326	47 53.60	118 16.30		576.40		980666.73	-980880.54		175.81		-65.23	-101.23
.3448 327	47 56.60	118 11.00		430.70		980693.05	-980885.04		132.87		-48.76	-107.88
.3448 328	47 56.20	118 2.00		755.00		980629.00	-980884.44		232.90		-85.39	-107.93
.3448 329	47 53.20	117 59.40		734.90		980634.22	-980879.94		226.70		-83.12	-102.14
.3448 330	47 54.10	117 53.40		563.90		980665.25	-980881.29		173.96		-63.81	-105.89
.3448 331	47 58.50	117 53.40		772.40		980625.76	-980887.89		238.26		-87.35	-111.22
.3448 332	47 59.70	117 47.90		756.80		980637.06	-980889.69		233.45		-85.59	-104.77
.3448 333	48 3.80	117 45.70		599.50		980672.87	-980895.85		184.94		-67.83	-105.87
.3448 337	48 11.40	119 28.20		601.70		980691.62	-980907.25		185.61		-68.08	-98.10
.3448 338	47 45.80	118 17.00		481.30		980685.36	-980868.37		148.48		-54.48	-89.01
.3448 339	47 49.00	118 18.90		427.90		980695.32	-980873.63		132.01		-48.43	-94.74
.3448 340	47 45.10	118 22.50		737.00		980636.09	-980867.77		227.35		-83.36	-67.69
.3448 341	47 48.80	118 25.90		490.40		980685.64	-980873.33		151.29		-55.51	-91.91
.3448 342	47 47.50	118 29.80		718.10		980640.51	-980871.38		221.52		-61.22	-90.57
.3448 343	47 45.50	118 30.20		745.20		980633.47	-980868.37		229.88		-84.28	-89.30

BOUGUER GRAVITY DATA

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LOCATION LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER ANOMALY	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
3448 344	47 45.50	118 36.40	727.30		980629.85	-980869.37		224.35	-92.26		-96.43	
3448 345	47 51.60	118 35.50	823.00		980619.13	-980877.53		253.87	-93.06		-97.59	
3448 346	47 53.40	118 33.40	818.70		980616.68	-980880.24		252.54	-92.57		-103.59	
3448 347	47 49.00	118 40.60	719.30		980632.39	-980873.63		221.89	-81.36		-100.71	
3448 348	47 46.30	118 43.30	669.00		980641.10	-980869.57		206.37	-75.68		-97.78	
3448 349	47 49.00	118 51.00	690.70		980637.11	-980873.63		213.07	-78.13		-101.58	
3448 350	47 48.90	118 58.20	785.20		980619.35	-980873.48		242.21	-88.80		-100.72	
3448 351	47 46.10	118 56.20	682.40		980639.05	-980869.27		210.51	-77.20		-96.91	
3448 352	47 39.50	118 54.50	601.60		980647.46	-980859.36		185.59	-68.07		-94.38	
3448 353	47 31.40	118 54.50	525.00		980652.38	-980847.18		161.96	-59.42		-92.25	
3448 356	47 29.50	118 16.50	658.00		980637.13	-980844.33		202.98	-74.44		-78.66	
3448 357	47 29.00	118 24.70	669.30		980633.76	-980843.58		206.47	-75.72		-79.07	
3448 358	47 29.50	118 28.00	648.50		980635.69	-980844.33		200.05	-73.37		-81.96	
3448 359	47 29.50	118 30.40	645.90		980635.96	-980844.33		199.25	-73.07		-82.19	
3448 360	47 30.50	118 39.00	628.20		980638.51	-980845.83		193.79	-71.08		-84.61	
3448 361	47 30.50	118 43.50	583.20		980645.51	-980845.83		179.91	-65.99		-86.40	
3448 363	47 15.00	118 48.90	524.60		980648.29	-980822.52		161.84	-59.37		-71.76	
3448 364	47 15.60	118 55.00	517.10		980650.69	-980823.42		159.52	-58.53		-71.74	
3448 365	47 19.20	118 57.50	479.50		980658.71	-980828.84		147.92	-54.28		-76.49	
3448 366	47 22.00	118 58.50	476.10		980659.28	-980833.05		146.88	-53.89		-80.78	
3448 367	47 19.30	118 51.00	505.40		980655.19	-980828.99		155.91	-57.20		-75.09	
3448 368	47 21.70	118 22.80	632.40		980629.64	-980832.60		195.09	-71.55		-79.42	
3448 369	47 15.70	118 29.90	593.00		980640.35	-980823.57		182.93	-67.10		-67.39	
3448 370	47 16.80	118 21.40	512.30		980649.10	-980825.23		158.04	-57.98		-76.07	
3448 372	47 8.90	118 13.60	554.40		980635.34	-980813.34		171.03	-62.74		-69.71	
3448 373	47 4.50	118 13.40	526.70		980637.75	-980806.72		162.48	-59.61		-66.10	
3448 374	47 0.50	118 11.60	506.30		980638.94	-980800.70		156.19	-62.31		-62.89	
3448 379	47 1.00	118 5.20	499.90		980639.24	-980801.45		154.22	-64.57		-64.57	
3448 380	47 5.40	117 58.70	519.90		980637.87	-980808.08		160.39	-68.84		-68.96	
3448 381	47 10.10	117 57.60	583.00		980633.85	-980815.15		179.85	-65.97		-67.42	
3448 382	47 2.10	117 53.10	532.80		980627.84	-980803.11		164.37	-60.30		-71.20	
3448 383	47 5.00	117 51.00	504.70		980637.77	-980807.48		155.70	-57.12		-71.13	
3448 392	47 12.30	118 48.80	541.00		980640.88	-980818.46		166.90	-61.23		-72.21	
3448 393	47 12.30	118 54.90	510.60		980648.94	-980818.46		157.52	-57.79		-69.79	
3448 394	47 7.80	118 56.30	422.80		980658.25	-980811.69		130.44	-47.87		-70.87	
3448 395	47 7.80	118 48.50	476.10		980648.43	-980811.69		146.88	-53.89		-70.27	
3448 396	47 7.90	118 39.80	548.30		980633.15	-980811.84		169.15	-62.06		-71.59	
3448 397	47 7.90	118 29.00	546.50		980625.79	-980811.84		168.59	-61.85		-79.31	
3448 398	47 11.40	118 29.60	589.30		980631.22	-980817.11		181.79	-66.68		-70.78	
3448 399	47 12.60	118 21.80	602.10		980625.56	-980818.91		185.74	-68.13		-75.74	
3448 400	47 0.90	118 28.20	522.60		980627.23	-980801.30		161.22	-59.15		-72.00	

BOUGUER GRAVITY DATA

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	LOCATION	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
3448 402	47 1.70	118 46.10	483.40	98035.80	-980802.51	149.13	-54.72	-72.30				
3448 403	47 1.70	118 52.50	447.10	98042.09	-980802.51	137.93	-50.61	-73.10				
3448 404	47 1.70	118 57.60	386.50	98054.03	-980802.51	119.24	-43.76	-73.00				
3448 436	47 0.20	117 7.90	755.90	98037.39	-980800.25	233.18	-85.49	-115.17				
3448 439	47 5.70	117 9.90	758.60	98055.43	-980808.53	234.01	-85.79	-105.94				
3448 440	47 13.50	117 12.80	743.70	98057.77	-980820.37	229.42	-84.11	-97.19				
3448 441	47 13.80	117 5.00	761.10	98057.58	-980820.72	234.78	-85.08	-99.44				
3448 442	47 9.50	117 3.80	783.60	98056.78	-980814.25	241.72	-88.62	-104.37				
3448 443	47 5.20	117 2.90	801.30	98054.69	-980807.78	247.18	-90.61	-109.52				
35070349	47 1.60	118 29.00	477.00	98063.18	-980802.36	147.15	-53.99	-72.02				
35070350	47 7.50	118 22.80	546.50	98063.68	-980811.24	168.59	-61.85	-72.82				
35070351	47 12.60	118 13.30	602.60	980630.28	-980818.91	185.90	-68.18	-70.91				
35070352	47 18.10	117 58.50	578.50	980637.78	-980827.19	178.46	-65.46	-76.41				
35070353	47 26.20	117 47.00	698.00	980609.98	-980839.37	215.32	-78.96	-93.03				
35070355	47 37.20	117 31.90	723.00	980631.78	-980855.90	223.03	-81.78	-92.87				
35070356	47 26.00	117 21.80	740.10	980608.08	-980839.07	228.30	-83.71	-86.40				
35070357	47 42.20	116 47.10	655.90	980632.98	-980863.42	202.33	-74.20	-102.31				
35270044	48 3.30	119 54.50	239.30	980751.72	-980895.10	73.83	-27.11	-96.66				
35270062	48 22.30	119 59.00	964.70	980626.92	-980923.59	297.57	-109.03	-108.13				
35270063	48 23.20	119 50.00	645.60	980682.72	-980924.94	199.15	-73.04	-116.11				
35270064	48 21.60	119 35.20	222.80	980763.12	-980922.54	68.74	-25.24	-115.92				
35750253	48 40.40	116 2.60	783.90	980666.69	-980950.71	241.81	-88.65	-130.86				
35750255	48 41.50	116 18.90	540.40	980711.39	-980952.35	166.70	-61.16	-135.42				
35750256	48 38.80	116 23.00	562.40	980703.19	-980948.31	173.49	-63.64	-135.27				
35750259	48 16.40	116 33.30	637.90	980665.79	-980914.75	196.78	-72.17	-124.35				
35750260	48 13.50	116 42.30	630.30	980690.99	-980910.40	194.43	-71.31	-96.29				
35750261	48 10.00	116 48.10	637.90	980685.59	-980905.15	196.78	-72.17	-94.95				
35750262	48 10.80	116 54.70	634.60	980687.19	-980906.35	195.76	-71.80	-95.20				
35750263	48 11.00	117 2.50	649.20	980688.99	-980906.65	200.26	-73.45	-90.85				
35750264	48 7.10	117 12.90	721.80	980665.59	-980900.80	222.66	-81.64	-94.19				
35750265	47 58.20	117 20.00	538.90	980694.59	-980887.44	166.24	-60.99	-87.60				
35750266	47 53.50	117 21.50	553.50	980681.59	-980880.39	170.75	-62.64	-90.69				
35750267	47 46.10	117 21.50	580.90	980688.79	-980869.27	179.20	-65.73	-87.01				
35750268	47 36.80	117 25.00	559.30	980656.89	-980855.30	172.54	-63.29	-89.16				
35750269	47 26.00	117 21.80	740.10	980607.89	-980839.07	228.30	-83.71	-86.19				
35750270	47 24.20	117 20.00	741.90	980610.39	-980836.36	228.86	-83.91	-81.02				
35750271	47 18.50	117 23.30	706.20	980609.19	-980827.79	217.55	-79.88	-60.63				
35750272	47 13.80	117 23.20	677.30	980608.79	-980820.72	208.94	-76.62	-79.61				
35750273	47 7.20	117 23.30	703.20	980584.79	-980810.79	216.93	-79.54	-68.61				
35750274	47 0.30	117 21.30	709.90	980556.39	-980800.40	218.99	-80.30	-105.32				
35750277	47 32.00	116 7.00	704.10	980588.79	-980848.09	217.20	-79.64	-121.74				

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PRINCIPAL FACIES FOR USGS AND DDD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	LOCATION	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN	CORRECTIONS FREE-AIR	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.35750718	47 33.00	116 15.50		661.10		980504.99	-980849.59		203.94	-74.79		-115.45	
.35750719	47 34.50	116 26.50		663.50		980512.49	-980851.84		204.68	-75.06		-109.73	
.35750720	47 37.40	116 38.50		652.00		980523.39	-980856.20		201.13	-73.76		-105.44	
.35750722	47 42.80	116 58.80		656.20		980541.69	-980864.32		202.43	-74.24		-94.44	
.35750723	47 41.80	117 9.00		625.10		980557.59	-980862.81		192.83	-70.73		-83.12	
.35750724	47 41.20	117 17.60		602.60		980559.59	-980861.91		185.89	-68.18		-84.61	
.35750725	47 38.50	117 34.00		716.90		980535.59	-980857.86		221.15	-81.09		-82.21	
.35750726	47 38.50	117 44.10		737.90		980522.99	-980857.86		227.62	-83.46		-90.71	
.35750727	47 40.30	117 52.70		762.00		980518.99	-980860.56		235.06	-86.18		-92.69	
.35750728	47 40.70	118 1.00		764.10		980517.99	-980861.16		235.71	-86.42		-93.88	
.35750729	47 39.00	118 8.90		733.70		980522.79	-980858.61		226.33	-82.98		-92.47	
.35750730	47 38.40	118 16.50		726.90		980527.09	-980857.71		224.23	-82.22		-88.61	
.35750731	47 45.60	118 31.50		746.80		980532.59	-980868.52		230.37	-84.46		-90.02	
.35750732	47 45.60	118 42.40		660.80		980540.29	-980868.52		203.84	-74.76		-99.15	
.35750733	47 44.00	118 50.50		642.80		980546.79	-980866.12		198.29	-72.72		-93.76	
.35750734	47 42.50	118 56.70		585.20		980555.99	-980863.87		180.53	-66.22		-93.57	
.35750735	47 40.70	119 6.40		583.10		980559.79	-980861.16		179.88	-65.98		-87.47	
.35750736	47 38.00	119 16.20		495.60		980585.49	-980857.10		152.89	-56.10		-74.82	
.35750737	47 37.30	119 25.90		739.10		980530.59	-980856.05		228.00	-83.59		-81.05	
.35750738	47 36.00	119 40.80		523.30		980573.49	-980854.10		161.43	-59.23		-78.41	
.35750739	47 36.40	119 49.00		743.70		980523.19	-980854.70		229.41	-84.11		-86.21	
.35750740	47 37.30	119 59.90		735.80		980523.49	-980856.05		226.98	-83.22		-88.80	
.35980557	48 36.90	116 3.20		748.90		980667.29	-980945.47		231.01	-84.70		-131.87	
.35980558	48 41.50	116 18.90		541.60		980709.69	-980952.35		167.07	-61.29		-136.88	
.35980559	48 43.20	116 11.00		659.90		980599.39	-980954.90		203.56	-74.66		-126.61	
.35980560	48 38.00	116 30.90		961.90		980530.69	-980947.11		296.70	-108.72		-128.44	
.35980561	48 37.90	116 30.50		931.50		980536.99	-980946.96		287.33	-105.29		-127.93	
.35980562	48 37.80	116 30.10		898.60		980543.39	-980946.81		277.18	-101.58		-127.82	
.35980563	48 37.80	116 29.70		852.80		980551.69	-980946.91		263.06	-96.42		-128.48	
.35980564	48 37.70	116 29.30		856.20		980552.39	-980946.66		264.10	-96.80		-126.97	
.35980565	48 37.70	116 28.90		840.30		980554.69	-980946.66		259.20	-95.01		-127.78	
.35980566	48 37.60	116 28.50		823.90		980557.99	-980946.51		254.14	-93.16		-127.54	
.35980567	48 37.60	116 28.10		798.30		980563.59	-980946.51		246.35	-90.27		-126.94	
.35980568	48 37.50	116 27.70		767.20		980578.99	-980946.36		236.65	-86.76		-117.47	
.35980569	48 37.40	116 27.30		740.70		980574.69	-980946.121		228.48	-83.77		-126.91	
.35980570	48 37.30	116 26.90		708.70		980580.19	-980946.06		218.61	-80.16		-127.42	
.35980571	48 37.30	116 26.50		671.80		980587.59	-980946.06		207.23	-76.00		-127.24	
.35980572	48 37.20	116 26.10		630.90		980595.49	-980945.91		194.62	-71.38		-127.16	
.35980573	48 37.20	116 25.70		588.00		980704.29	-980945.91		181.39	-66.54		-126.77	
.35980574	48 37.10	116 25.30		566.90		980706.59	-980945.77		174.88	-64.15		-126.45	
.35980575	48 37.00	116 24.90		567.20		980706.99	-980945.62		174.97	-64.19		-127.85	

BOUGUER GRAVITY DATA

PRINCIPAL FACTS FOR USGS AND DDD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN	CORRECTIONS		BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
								FREE-AIR	BOUGUER				
.35980578	48 33.80	116 24.00	637.00		980678.39	-980940.82		196.50	-72.07			-138.00	
.35980579	48 33.80	116 23.60	707.70		980667.49	-980940.82		218.31	-80.05			-135.07	
.35980580	48 33.80	116 23.70	690.70		980667.69	-980940.82		213.06	-78.13			-138.20	
.35980581	48 33.80	116 23.80	660.50		980671.59	-980940.82		203.75	-74.72			-140.20	
.35980582	48 33.80	116 23.90	635.50		980677.29	-980940.82		196.04	-71.90			-139.39	
.35980583	48 28.00	116 28.50	653.80		980674.49	-980932.14		201.68	-73.97			-129.94	
.35980584	48 25.20	116 30.20	663.50		980667.49	-980927.94		204.67	-75.06			-130.84	
.35980586	48 16.40	116 33.30	636.70		980665.99	-980914.75		196.41	-72.04			-124.39	
.35980587	48 13.50	116 42.30	634.00		980690.19	-980910.40		195.88	-71.73			-96.36	
.35980588	48 10.80	116 54.70	633.10		980686.69	-980906.35		195.30	-71.63			-95.99	
.35980590	48 5.70	117 15.60	726.30		980663.99	-980898.70		224.04	-82.15			-92.82	
.35980591	48 0.40	117 21.00	633.10		980675.09	-980890.75		195.30	-71.63			-91.99	
.35980592	47 46.80	117 23.80	558.10		980677.29	-980870.33		172.17	-63.16			-84.03	
.35980593	47 37.20	117 31.90	723.00		980631.59	-980855.90		223.03	-81.78			-83.06	
.35980594	47 54.50	117 26.00	596.80		980672.49	-980881.89		184.10	-67.53			-92.83	
.35980595	47 59.80	117 33.50	686.70		980664.99	-980889.85		211.83	-77.68			-90.71	
.35980596	48 3.50	117 44.50	634.30		980669.59	-980895.40		195.67	-71.76			-101.90	
.35980598	48 16.80	117 43.00	506.90		980710.89	-980915.35		156.37	-57.37			-105.46	
.35980599	46 21.50	117 50.00	495.90		980726.89	-980922.39		152.98	-56.13			-98.65	
.35980600	48 29.60	117 54.10	477.90		980726.89	-980934.53		147.43	-54.10			-114.31	
.35980601	48 35.60	118 3.20	481.30		980742.69	-980943.52		148.48	-54.48			-106.83	
.35980603	48 52.00	118 12.40	440.40		980771.79	-980968.06		135.86	-49.86			-110.27	
.35980604	48 59.70	118 13.00	501.70		980766.19	-980979.58		154.77	-56.79			-115.41	
.35980605	48 59.70	118 30.50	534.60		980763.19	-980979.58		164.91	-60.50			-111.98	
.35980614	48 53.30	119 26.00	284.40		980781.59	-980970.01		87.74	-32.21			-132.89	
.35980615	48 47.70	119 23.90	277.10		980784.89	-980961.63		85.49	-31.39			-122.64	
.35980616	48 42.00	119 26.10	275.20		980784.89	-980953.10		84.90	-31.17			-114.46	
.35980617	48 36.90	119 30.40	306.30		980772.49	-980945.47		94.49	-34.69			-113.18	
.35980618	48 30.10	119 31.00	263.70		980777.99	-980935.28		81.35	-29.87			-105.81	
.35980619	48 24.50	119 32.00	262.40		980769.89	-980926.89		80.95	-29.72			-105.77	
.35980620	48 17.30	119 42.10	249.00		980755.89	-980916.10		76.82	-28.21			-111.60	
.35980621	48 14.30	119 42.80	368.80		980734.39	-980911.60		113.77	-41.76			-105.20	
.35980622	48 6.70	119 47.00	261.20		980741.09	-980900.20		80.58	-29.59			-108.12	
.35980623	48 3.20	119 54.40	239.00		980751.19	-980894.95		73.73	-27.07			-97.10	
.35980624	47 55.10	119 53.00	236.80		980737.59	-980882.79		73.06	-26.82			-98.96	
.3747 267	48 38.40	119 58.10	1655.10		980485.55	-980947.71		513.52	-187.78			-136.42	
.3747 268	48 38.80	119 56.20	1828.80		980454.84	-980948.31		563.98	-206.14			-135.63	
.3747 269	48 39.80	119 56.00	1948.00		980430.02	-980949.81		600.73	-219.49			-138.55	
.3747 270	48 40.40	119 58.50	1859.30		980447.95	-980950.71		573.39	-209.56			-138.93	
.3747 271	48 41.00	119 58.30	1860.80		980447.63	-980951.60		573.65	-209.72			-139.84	
.3747 272	48 41.60	119 57.70	1919.00		980436.42	-980952.50		591.79	-216.24			-140.53	

BOUGUER GRAVITY DATA

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	CORRECTIONS		BOUGUER ANOMALY	SPEC. FIELD
							TERRAIN	FREE-AIR		
.3747 273	48 42.00	119 56.90	2090.90		980400.87	-980953.10		644.77	-235.49	-142.95
.3747 274	48 42.50	119 57.10	2052.80		980407.15	-980953.85		633.03	-231.23	-144.90
.3747 275	48 42.80	119 57.10	1975.70		980422.97	-980954.30		609.26	-222.59	-144.66
.3747 276	48 42.90	119 55.90	1777.00		980462.04	-980954.45		548.02	-200.33	-144.72
.3747 277	48 39.30	119 50.50	1359.70		980552.00	-980949.06		419.36	-153.49	-131.19
.3747 278	48 42.60	119 54.50	1940.40		980433.89	-980954.00		598.38	-218.64	-140.37
.3747 279	48 42.20	119 54.30	2023.00		980416.71	-980953.40		623.84	-227.89	-140.74
.3747 280	48 41.60	119 53.40	1924.50		980438.25	-980952.50		593.48	-216.86	-137.63
.3747 281	48 41.50	119 52.90	1917.50		980440.47	-980952.35		591.33	-216.08	-136.63
.3747 282	48 41.10	119 52.00	1808.10		980463.37	-980951.75		557.60	-203.82	-134.60
.3747 283	48 40.60	119 52.30	1721.20		980480.63	-980951.01		530.81	-194.08	-133.65
.3747 284	48 39.60	119 51.50	1504.50		980524.21	-980949.51		464.01	-169.76	-131.05
.3747 285	48 38.60	119 49.80	1274.70		980569.97	-980948.01		393.16	-143.93	-128.81
.3747 286	48 38.40	119 49.30	1158.90		980591.77	-980947.71		357.45	-130.90	-129.39
.3747 287	48 37.70	119 48.80	1041.50		980611.23	-980946.66		321.25	-117.69	-131.87
.3747 288	48 37.00	119 47.70	959.50		980626.57	-980945.62		295.96	-108.45	-131.54
.3747 289	48 36.60	119 47.50	930.30		980631.28	-980945.02		286.96	-105.16	-131.94
.3747 290	48 36.00	119 46.80	911.70		980634.70	-980944.12		281.22	-103.06	-131.26
.3747 291	48 36.00	119 44.60	1561.20		980503.04	-980944.12		481.49	-176.12	-135.71
.3747 292	48 35.50	119 45.90	876.60		980641.67	-980943.37		270.40	-99.10	-130.40
.3747 293	48 33.70	119 45.00	706.50		980672.62	-980940.67		217.94	-79.92	-130.03
.3747 295	48 43.30	119 54.70	1929.10		980434.27	-980955.05		594.90	-217.38	-143.26
.3747 296	48 43.80	119 54.90	1982.40		980421.16	-980955.79		611.33	-223.34	-146.64
.3747 297	48 44.60	119 54.90	2037.00		980410.38	-980956.99		628.16	-229.46	-147.91
.3747 298	48 45.30	119 55.30	2037.60		980411.27	-980958.04		628.34	-229.52	-147.95
.3747 299	48 45.70	119 55.90	1995.80		980417.78	-980958.64		615.46	-224.84	-150.24
.3747 300	48 46.30	119 55.80	1898.90		980440.68	-980959.54		585.69	-213.99	-147.26
.3747 301	48 46.60	119 56.40	1897.10		980441.17	-980959.98		585.04	-213.79	-147.56
.3747 302	48 47.00	119 56.90	1911.10		980438.74	-980960.58		589.35	-215.36	-147.85
.3747 303	48 45.70	119 50.00	2047.30		980410.64	-980958.64		631.33	-230.61	-147.89
.3747 304	48 47.60	119 57.30	1893.10		980443.91	-980961.48		583.80	-213.34	-147.11
.3747 305	48 48.30	119 57.50	1832.50		980454.78	-980962.53		565.12	-206.55	-149.10
.3747 306	48 48.70	119 56.70	1849.50		980454.76	-980963.13		570.36	-208.46	-146.47
.3747 307	48 49.30	119 56.20	1972.70		980429.80	-980964.02		608.34	-222.26	-148.14
.3747 308	48 49.60	119 56.90	1913.50		980440.61	-980964.47		590.09	-215.63	-149.40
.3747 309	48 50.70	119 57.10	1827.60		980457.72	-980966.12		563.61	-206.00	-150.79
.3747 310	48 51.20	119 56.90	1677.00		980489.17	-980966.87		517.19	-189.12	-149.63
.3747 311	48 51.10	119 55.80	1669.10		980491.84	-980966.72		514.75	-188.23	-148.36
.3747 312	48 51.30	119 54.70	1656.00		980499.29	-980967.02		510.71	-186.76	-143.78
.3747 313	48 51.80	119 53.80	1616.10		980510.36	-980967.76		498.41	-182.28	-141.27
.3747 314	48 52.50	119 53.80	1526.40		980525.78	-980968.81		470.76	-172.22	-144.49

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LOCATION LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN	CORRECTIONS FREE-AIR	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.3747 315	48 52.20	119 52.60	1485.60		980535.12	-980968.36		458.18	-167.63		-142.69	
.3747 316	48 52.00	119 51.30	1473.70		980540.48	-980968.06		454.51	-166.30		-139.37	
.3747 317	48 54.20	119 54.10	1915.10		980447.48	-980971.35		590.58	-215.81		-149.10	
.3747 318	48 51.70	119 49.80	1475.20		980543.08	-980967.61		454.97	-166.47		-136.02	
.3747 319	48 51.30	119 48.80	1449.60		980548.97	-980967.02		447.08	-163.59		-134.56	
.3747 320	48 50.80	119 47.40	1377.40		980564.86	-980965.27		424.82	-155.48		-132.07	
.3747 321	48 50.60	119 46.80	1287.20		980584.19	-980965.97		397.01	-145.34		-130.11	
.3747 322	48 51.10	119 46.00	1162.50		980607.45	-980966.72		358.56	-131.31		-132.02	
.3747 323	48 51.90	119 46.20	1068.30		980620.82	-980967.91		329.51	-120.70		-138.28	
.3747 324	48 51.30	119 44.70	999.40		980637.34	-980967.02		308.26	-112.94		-134.36	
.3747 325	48 51.00	119 44.00	866.50		980661.41	-980965.57		267.28	-97.96		-135.84	
.3747 326	48 50.80	119 43.30	782.10		980674.94	-980966.27		241.25	-88.45		-138.53	
.3747 327	48 50.60	119 42.50	719.30		980686.28	-980965.97		221.88	-81.36		-139.17	
.3747 328	48 50.20	119 41.80	615.40		980703.81	-980965.37		189.84	-69.63		-141.35	
.3747 329	48 50.00	119 40.40	454.20		980735.28	-980965.07		140.12	-51.42		-141.09	
.3747 330	48 50.50	119 39.60	387.70		980748.52	-980965.82		119.60	-43.90		-141.60	
.3747 331	48 54.60	119 41.90	890.90		980658.60	-980971.95		274.80	-100.72		-139.27	
.3747 332	48 51.00	119 38.70	363.00		980761.66	-980966.57		111.98	-41.10		-134.03	
.3747 333	48 51.60	119 38.00	363.00		980762.01	-980967.46		111.98	-41.10		-134.57	
.3747 334	48 52.30	119 37.40	354.20		980767.36	-980968.51		109.27	-40.11		-131.99	
.3747 335	48 52.70	119 36.40	353.60		980762.17	-980969.11		109.08	-40.04		-137.90	
.3747 336	48 53.50	119 36.40	357.20		980763.78	-980970.31		110.19	-40.45		-136.79	
.3747 337	48 54.50	119 36.50	349.60		980763.34	-980971.80		107.88	-39.59		-140.20	
.3747 338	48 54.80	119 37.30	358.80		980759.81	-980972.25		110.69	-40.63		-142.38	
.3747 339	48 54.80	119 38.30	356.60		980764.78	-980972.25		110.01	-40.38		-137.84	
.3747 340	48 55.50	119 39.00	354.20		980759.97	-980973.30		109.27	-40.11		-144.17	
.3747 341	48 55.40	119 40.40	355.10		980755.67	-980973.15		109.55	-40.21		-148.14	
.3747 342	48 56.30	119 41.50	356.30		980745.45	-980974.49		109.62	-40.36		-159.47	
.3747 343	48 57.70	119 42.70	359.70		980733.31	-980976.59		110.97	-40.73		-173.04	
.3747 344	48 58.40	119 43.20	359.70		980728.92	-980977.63		110.97	-40.73		-178.47	
.3747 345	48 59.30	119 43.00	363.60		980730.23	-980978.98		112.17	-41.17		-177.75	
.3747 346	48 56.20	119 26.10	282.40		980782.19	-980974.34		87.12	-31.99		-137.02	
.3916 2	47 0.87	119 16.73	321.30		980678.07	-980901.26		99.12	-36.39		-60.46	
.3916 3	47 0.83	119 9.11	338.90		980667.30	-980901.20		104.55	-38.38		-67.73	
.3916 4	47 6.94	119 3.88	426.10		980658.19	-980900.39		131.45	-48.24		-68.99	
.3916 05	47 13.96	119 0.01	480.10		980655.56	-980920.96		148.11	-54.34		-71.63	
.3916 06	47 13.07	119 6.96	406.60		980670.94	-980919.62		125.44	-46.04		-69.28	
.3916 07	47 9.64	119 16.62	341.70		980683.42	-980914.46		105.42	-38.70		-64.32	
.3916 08	47 18.53	119 17.84	392.30		980679.99	-980927.83		121.03	-44.42		-71.23	
.3916 09	47 24.56	119 13.98	481.00		980663.17	-980936.90		148.39	-54.45		-79.79	
.3916 10	47 19.21	119 6.34	450.20		980662.83	-980928.85		138.89	-50.96		-78.09	

BOUGUER GRAVITY DATA

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.3916 11	47 28.80	119 6.30	526.10		980658.66	-980843.28		162.30	-59.54		-81.86	
.3916 12	47 34.94	119 3.76	581.60		980651.43	-980852.51		179.42	-65.81		-87.47	
.3916 13	47 34.80	119 13.44	537.70		980673.65	-980852.30		165.88	-60.85		-73.62	
.3916 14	47 30.20	119 21.64	387.90		980698.73	-980845.38		119.67	-43.92		-70.90	
.3916 15	47 7.99	119 33.25	373.10		980673.43	-980811.97		115.10	-42.25		-65.69	
.3916 16	47 0.97	119 41.00	346.60		980669.75	-980801.41		106.93	-39.25		-63.98	
.3916 17	47 0.06	119 48.78	369.90		980661.88	-980800.04		114.12	-41.88		-65.92	
.3916 18	47 6.21	119 42.20	362.70		980669.76	-980809.30		111.90	-41.07		-68.71	
.3916 19	47 5.04	119 25.62	320.30		980685.96	-980807.53		98.82	-36.27		-59.02	
.3916 20	47 14.12	119 25.56	345.60		980691.63	-980821.20		106.62	-39.14		-62.09	
.3916 34	47 47.20	119 4.93	731.20		980629.30	-980870.93		225.56	-82.70		-98.77	
.3916 35	47 39.79	119 16.18	491.60		980681.92	-980859.79		151.66	-55.64		-80.84	
.3916 37	47 42.85	119 26.86	672.10		980646.87	-980864.39		207.33	-76.03		-86.22	
.3916 38	47 48.94	119 34.52	678.40		980656.93	-980873.54		209.27	-76.74		-84.08	
.3916 39	47 43.68	119 46.00	652.30		980655.41	-980865.64		201.22	-73.80		-82.81	
.3916 40	47 41.99	119 51.31	793.60		980621.89	-980863.10		244.80	-89.74		-66.15	
.3916 41	47 48.95	119 47.45	788.50		980634.59	-980873.55		243.23	-89.17		-84.90	
.3916 42	47 48.92	119 24.22	657.30		980649.92	-980873.51		202.76	-74.36		-95.19	
.3916 43	47 48.05	119 14.08	705.30		980630.46	-980872.20		217.57	-79.78		-103.95	
.3916 44	48 4.68	119 7.20	707.70		980656.46	-980897.17		218.31	-80.05		-102.45	
.3916 45	47 55.65	119 8.75	669.90		980650.25	-980883.62		206.65	-75.78		-102.50	
.3916 46	48 0.32	119 14.00	760.20		980643.73	-980890.63		234.50	-85.98		-98.38	
.3916 47	47 54.40	119 19.61	629.70		980658.64	-980881.74		194.25	-71.25		-102.10	
.3916 48	48 1.17	119 27.05	679.40		980669.73	-980891.90		209.58	-76.86		-89.45	
.3916 49	48 2.50	119 38.60	476.70		980710.21	-980893.90		147.06	-53.96		-90.59	
.3916 50	47 55.03	119 43.31	672.10		980657.96	-980882.68		207.33	-76.03		-93.42	
.3916 51	47 54.16	119 31.98	667.50		980668.33	-980881.38		205.91	-75.61		-62.66	
.3916 53	48 18.50	119 53.40	1300.30		980548.82	-980917.90		401.05	-146.81		-114.84	
.3916 54	48 10.90	119 40.94	255.70		980737.99	-980906.50		78.89	-28.96		-98.58	
.3916 55	48 9.86	119 54.05	1174.10		980565.14	-980904.94		362.14	-132.61		-110.27	
.3916 56	48 9.75	119 29.43	736.90		980666.42	-980904.77		227.31	-83.35		-94.39	
.3916 57	48 13.55	119 33.50	894.90		980637.32	-980910.48		276.04	-101.17		-98.29	
.3916 58	48 7.84	119 17.35	418.80		980721.25	-980901.91		129.20	-47.41		-98.87	
.3916 59	48 14.78	119 21.96	324.60		980748.75	-980912.32		100.14	-36.76		-100.19	
.3916 60	47 20.22	119 46.80	685.80		980625.94	-980830.37		211.66	-77.58		-70.45	
.3916 61	47 24.68	119 55.15	307.00		980698.89	-980837.08		94.71	-34.77		-78.25	
.3916 62	47 31.47	119 55.07	664.80		980637.10	-980847.29		205.08	-75.21		-60.32	
.3916 63	47 31.22	119 46.71	728.80		980621.98	-980846.91		224.82	-82.43		-62.54	
.3916 64	47 31.67	119 32.23	721.30		980629.44	-980847.59		222.51	-81.59		-77.23	
.3916 65	47 26.45	119 38.38	536.40		980654.73	-980839.74		165.48	-60.71		-80.24	
.3916 85	48 59.40	119 17.50	1011.90		980659.53	-980979.13		312.12	-114.35		-121.83	

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	LOCATION	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.3916 86	48 53.10	119 13.40	1038.70			980545.75	-980969.71	320.38	-117.37		-120.95	
.3916 87	48 44.50	119 13.80	1183.60			980525.21	-980956.84	352.73	-129.18		-108.08	
.3916 88	48 37.70	119 19.80	954.30			980558.62	-980946.66	294.36	-107.86		-101.54	
.3916 89	48 47.80	119 3.20	1086.00			980525.64	-980961.78	334.97	-122.70		-123.87	
.3916 90	48 30.30	119 0.90	905.50			980642.86	-980935.58	279.31	-102.36		-115.77	
.3916 91	48 57.80	119 33.30	840.00			980682.15	-980976.74	259.11	-94.98		-130.46	
.3916 92	48 48.60	119 33.20	421.50			980758.61	-980962.98	130.03	-47.72		-122.06	
.3916 93	48 56.95	119 38.20	356.50			980764.60	-980972.48	109.98	-40.37		-138.27	
.3916 94	48 59.50	119 43.30	363.50			980729.92	-980979.28	112.14	-41.16		-178.38	
.3916 119	48 51.40	119 45.00	995.60			980636.33	-980967.17	308.33	-112.97		-135.48	
.3916 119	48 54.15	119 54.15	1915.00			980446.22	-980971.28	590.55	-215.80		-150.31	
.3916 120	48 49.30	119 56.20	1972.70			980428.42	-980964.02	608.34	-222.26		-149.52	
.3916 121	48 42.80	119 54.70	1940.60			980432.71	-980954.30	598.45	-218.56		-141.80	
.3916 122	48 36.55	119 39.80	660.50			980700.60	-980944.94	203.75	-74.72		-115.31	
.3916 123	48 42.20	119 45.80	1190.50			980587.27	-980953.40	367.19	-134.46		-133.40	
.3916 124	48 30.20	119 20.50	886.40			980667.64	-980935.43	273.42	-100.21		-94.58	
.3916 125	48 28.00	119 12.60	1375.30			980589.14	-980933.63	424.18	-155.24		-95.55	
.3916 126	48 22.00	119 17.90	741.70			980685.21	-980923.14	228.79	-83.89		-93.03	
.3916 127	48 20.80	119 4.15	1428.00			980524.80	-980921.35	440.43	-161.16		-117.28	
.3916 128	48 14.35	119 7.30	866.10			980634.35	-980911.67	267.16	-97.92		-108.08	
.3916 129	48 44.60	119 37.30	1574.90			980506.77	-980956.99	485.71	-177.66		-142.17	
.3916 130	48 31.00	119 41.00	565.10			980707.10	-980936.63	174.32	-63.95		-119.16	
.3916 131	48 29.60	119 56.25	1754.10			980464.48	-980934.53	540.96	-197.76		-126.85	
.3916 132	48 34.60	119 51.45	1207.30			980570.82	-980942.02	372.37	-136.35		-135.16	
.40990162	47 3.49	117 22.80	710.10			980571.54	-980805.20	219.05	-80.32		-94.93	
.40990163	47 12.65	117 21.87	693.10			980601.23	-980818.99	213.81	-78.40		-82.35	
.40990164	47 21.00	117 21.95	748.20			980602.59	-980831.55	230.80	-84.62		-82.78	
.40990165	47 28.67	117 23.85	721.70			980616.69	-980843.08	222.63	-81.63		-85.39	
.40990166	47 36.60	117 25.00	560.50			980655.74	-980855.00	172.91	-63.43		-89.78	
.40990167	47 37.00	117 32.00	722.90			980633.02	-980855.60	223.00	-81.77		-81.35	
.40990168	47 47.15	117 21.15	578.20			980668.09	-980870.85	178.37	-65.43		-89.82	
.40990169	47 56.40	117 21.40	585.80			980682.44	-980884.74	180.71	-66.29		-87.88	
.40990170	48 4.00	117 20.60	673.60			980674.56	-980896.15	207.79	-76.20		-90.00	
.40990172	48 18.60	117 17.60	626.30			980682.50	-980918.05	193.20	-70.86		-103.21	
.40990173	48 27.00	117 19.60	634.80			980704.35	-980930.64	195.82	-71.82		-102.29	
.40990174	48 34.70	117 21.00	630.00			980701.29	-980942.17	194.34	-71.28		-117.82	
.40990175	48 41.88	117 24.60	639.10			980698.83	-980952.92	197.15	-72.31		-129.28	
.40990176	48 51.68	117 21.80	628.40			980717.17	-980967.58	193.85	-71.10		-127.66	
.40990177	49 0.00	117 18.00	779.90			980694.82	-980980.02	240.67	-88.20		-132.93	
.43940014	47 3.50	119 12.70	358.40			980670.47	-980805.22	110.57	-40.58		-64.76	
.43940015	47 8.10	119 10.40	388.60			980671.67	-980812.14	119.89	-44.00		-64.58	

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LOCATION LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	CORRECTIONS	BOUGUER ANOMALY	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.43940016	47 5.20	119 6.60	376.40		980666.47	-980807.78		116.12	-42.62		-67.81	
.43940017	47 5.10	119 0.90	350.50		980669.57	-980807.63		108.13	-39.69		-69.62	
.43940018	47 5.10	118 54.90	366.30		980665.57	-980807.63		113.01	-41.48		-70.53	
.43940019	47 4.00	118 49.30	384.30		980661.57	-980805.97		118.56	-43.51		-69.35	
.43940020	47 4.60	118 44.40	468.70		980646.47	-980806.87		144.59	-53.06		-66.87	
.43940036	47 0.40	119 57.40	385.20		980653.57	-980800.55		118.84	-43.62		-71.76	
.43940037	47 3.60	119 52.20	371.80		980663.27	-980805.37		114.70	-42.10		-69.50	
.43940038	47 7.10	119 48.40	371.50		980667.87	-980810.64		114.61	-42.07		-70.23	
.43940039	47 10.20	119 46.30	369.40		980673.37	-980815.30		113.96	-41.83		-69.80	
.43940040	47 13.20	119 38.40	375.20		980677.17	-980819.81		115.75	-42.48		-69.37	
.43940041	47 15.90	119 35.10	370.90		980685.37	-980823.88		114.42	-42.00		-66.09	
.43940042	47 19.20	119 32.90	387.40		980683.77	-980828.84		119.51	-43.86		-69.42	
.43940043	47 18.60	119 33.40	387.00		980683.37	-980828.24		119.39	-43.82		-69.30	
.43940044	47 16.70	119 29.30	374.20		980687.07	-980825.08		115.44	-42.37		-64.94	
.43940045	47 13.90	119 19.80	360.80		980689.47	-980820.87		111.31	-40.86		-60.95	
.43940046	47 11.10	119 20.30	370.00		980681.97	-980816.65		114.15	-41.90		-62.43	
.43940047	47 7.90	119 16.00	346.80		980681.37	-980811.84		106.99	-39.27		-62.75	
.51200002	47 53.26	116 57.80	715.70		980649.42	-980880.03		220.78	-80.95		-90.78	
.51200003	47 57.52	116 59.00	1146.10		980575.75	-980886.57		353.51	-129.46		-86.77	
.51200004	48 14.00	116 59.50	1411.80		980532.58	-980911.15		435.43	-159.34		-102.46	
.51200005	48 24.00	117 4.99	1091.20		980602.07	-980926.14		336.58	-123.28		-110.77	
.51200006	48 31.24	116 48.70	762.00		980681.15	-980936.99		235.05	-86.18		-106.97	
.51200007	48 18.08	116 48.36	1408.80		980531.85	-980917.27		434.51	-159.01		-109.92	
.51200086	47 28.15	116 26.31	799.20		980574.08	-980842.30		246.53	-90.37		-112.06	
.51200087	47 31.25	116 33.25	786.40		980596.71	-980846.96		242.58	-88.93		-96.60	
.51200088	47 32.45	116 40.80	1249.10		980500.11	-980848.76		385.27	-141.05		-104.43	
.51200089	47 19.57	116 47.75	1116.80		980502.87	-980829.55		344.48	-126.16		-108.36	
.51200090	47 24.55	116 51.20	840.60		980582.91	-980836.89		259.30	-95.04		-89.72	
.51200091	47 28.59	116 53.65	647.70		980623.04	-980842.96		199.81	-73.28		-93.39	
.51200092	47 34.40	117 52.12	1159.80		980535.81	-980851.69		357.74	-131.00		-89.14	
.51200093	47 38.75	117 53.36	677.60		980633.85	-980858.23		209.03	-76.65		-92.00	
.51200094	47 39.44	117 2.40	680.90		980637.50	-980859.27		210.04	-77.03		-88.76	
.51200095	47 31.64	117 1.29	796.40		980609.12	-980847.56		245.67	-90.06		-82.82	
.51200098	47 15.96	116 43.99	878.70		980558.07	-980823.97		271.05	-99.34		-94.19	
.51200099	47 13.31	116 51.05	949.80		980526.81	-980819.98		292.98	-107.35		-107.54	
.51200100	47 8.17	116 59.59	878.40		980532.83	-980812.25		270.96	-99.31		-107.77	
.51200101	47 1.38	116 47.77	1261.30		980440.17	-980802.03		389.04	-142.42		-115.24	
.51200102	47 4.25	116 41.52	1410.00		980409.26	-980806.35		434.89	-159.14		-121.34	
.51200103	47 1.92	116 34.29	1625.80		980355.05	-980802.84		501.42	-183.37		-129.74	
.51200104	47 0.55	116 24.89	1408.80		980396.90	-980800.78		434.52	-159.01		-128.37	
.51200105	47 3.73	116 28.84	1522.50		980387.08	-980805.56		469.58	-171.78		-120.68	

BOUGUER GRAVITY DATA

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN	CORRECTIONS FREE-AIR	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.51200106	47 6.92	116 35.86	868.70		980526.27	-980810.36		267.97	-98.21		-114.33	
.51200107	47 7.26	116 44.51	1362.80		980423.55	-980810.88		420.34	-153.84		-120.83	
.51200108	47 14.11	116 37.65	737.30		980562.71	-980821.18		227.44	-83.39		-114.42	
.51200109	47 16.91	116 26.19	890.60		980537.11	-980825.40		274.72	-100.68		-114.25	
.51200110	47 23.56	116 30.50	1649.60		980390.35	-980835.40		508.76	-186.04		-122.33	
.51200111	47 22.79	116 23.71	1870.30		980337.26	-980834.24		576.80	-210.79		-130.97	
.51200112	47 23.00	116 16.74	1592.90		980396.40	-980834.55		491.28	-175.68		-126.55	
.51200113	47 16.70	116 17.64	970.80		980513.52	-980825.08		299.46	-109.72		-121.82	
.51200115	47 20.67	116 9.66	1476.80		980413.73	-980831.05		455.48	-166.65		-126.49	
.51200116	47 20.90	116 2.05	1788.60		980346.17	-980831.40		551.61	-201.63		-135.25	
.51200118	47 25.35	116 1.29	1788.60		980354.44	-980838.09		551.61	-201.63		-133.67	
.51200119	47 25.66	116 9.05	1655.40		980380.97	-980838.55		510.55	-186.69		-133.72	
.51200120	47 27.16	116 16.03	793.70		980567.39	-980840.81		244.84	-89.75		-118.33	
.51200121	47 33.68	116 9.21	1120.80		980504.45	-980850.61		345.71	-126.61		-127.06	
.51200122	47 32.79	116 3.75	1106.70		980508.53	-980849.27		341.36	-125.03		-124.41	
.51200123	47 42.79	116 5.56	1813.60		980366.13	-980864.30		559.31	-204.44		-143.30	
.51200124	47 40.94	116 12.57	1610.00		980409.11	-980861.52		496.55	-181.60		-140.46	
.51200125	47 58.20	116 33.30	701.00		980627.53	-980887.44		216.24	-79.29		-122.96	
.51200126	47 59.79	116 44.40	679.40		980647.87	-980889.83		209.58	-76.86		-109.24	
.51200127	48 23.34	116 16.75	634.90		980666.91	-980925.15		195.85	-71.83		-134.22	
.51200128	47 54.32	116 36.70	806.20		980608.78	-980881.62		248.69	-91.16		-115.31	
.51200129	48 45.25	116 29.85	2086.10		980394.88	-980957.96		643.29	-234.95		-154.74	
.51200131	48 59.52	116 27.02	653.50		980719.51	-980979.31		201.59	-73.93		-132.14	
.51200132	48 59.70	116 17.82	1891.60		980466.03	-980979.58		583.34	-213.18		-143.39	
.51200133	48 47.45	116 22.85	544.10		980714.02	-980961.26		167.84	-61.58		-140.98	
.51200134	48 51.52	116 20.06	671.20		980691.66	-980967.35		207.05	-75.93		-144.57	
.51200135	48 46.91	116 14.33	901.90		980656.55	-980960.45		278.20	-101.96		-127.66	
.51200136	48 46.45	116 7.34	953.70		980640.07	-980959.76		294.17	-107.79		-133.31	
.51200137	48 37.97	116 9.75	1892.20		980433.59	-980947.07		583.53	-213.24		-143.19	
.51200138	48 24.90	116 6.19	1984.30		980390.67	-980927.49		611.92	-223.56		-148.46	
.51200139	48 24.91	116 10.46	2058.90		980374.39	-980927.51		634.91	-231.91		-150.12	
.51200140	48 19.20	116 12.54	1926.30		980404.45	-980918.95		594.04	-217.06		-137.52	
.51200141	48 19.52	116 6.00	1859.00		980420.25	-980918.43		573.30	-209.52		-135.40	
.51200142	48 7.78	116 6.09	836.10		980613.91	-980901.82		257.91	-94.54		-124.54	
.51200143	48 8.05	116 10.35	636.40		980643.10	-980902.23		196.32	-72.00		-134.81	
.51200144	48 10.55	116 23.59	628.80		980653.90	-980905.98		193.97	-71.14		-129.25	
.51200145	47 48.21	116 38.29	883.60		980588.50	-980872.44		272.56	-99.89		-111.27	
.51200146	47 43.30	116 33.84	1443.20		980461.59	-980865.07		445.12	-162.87		-121.23	
.51200147	47 46.90	116 23.40	1613.00		980421.85	-980870.48		497.47	-181.94		-133.10	
.51200148	47 46.81	116 16.30	976.60		980556.44	-980870.34		301.24	-110.37		-123.03	
.51200154	48 4.28	116 40.62	1324.40		980513.03	-980896.57		408.49	-149.52		-124.57	

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BOUGUER GRAVITY DATA

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	LOCATION	ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN FREE-AIR	BOUGUER SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.51200155	48 5.59	116 39.40		1371.60		980496.16	-980898.53	423.04	-154.83	-134.16	
.51200156	48 1.46	116 8.51		1474.30		980474.48	-980892.34	454.70	-166.36	-129.52	
.51200157	47 58.21	116 27.10		628.80		980629.81	-980887.46	193.97	-71.14	-134.82	
.51200158	47 50.95	116 18.82		958.90		980563.92	-980876.56	295.78	-108.38	-125.24	
.51200159	47 36.57	116 22.34		1022.00		980543.62	-980854.96	315.24	-115.49	-111.59	
.51343395	48 36.37	116 0.92		681.50		980675.99	-980944.67	210.22	-77.09	-135.55	
.51343406	48 55.52	116 2.70		1704.70		980518.17	-980973.33	525.72	-192.23	-121.67	
.51590201	48 53.88	116 24.98		537.40		980712.44	-980970.87	165.78	-60.82	-153.47	
.51590202	48 40.87	116 26.98		855.60		980652.70	-980951.41	263.92	-96.74	-131.53	
.51590203	48 43.90	116 24.86		541.60		980711.45	-980955.94	167.07	-61.29	-138.71	
.51590204	48 9.68	116 7.44		792.50		980620.08	-980904.67	244.46	-89.62	-129.75	
.51590205	48 11.53	116 9.42		721.50		980628.34	-980907.44	222.56	-81.61	-138.15	
.51590206	48 19.48	116 10.26		1071.10		980576.58	-980919.37	330.38	-121.02	-131.43	
.51590207	48 15.60	116 6.84		857.70		980610.57	-980913.55	264.57	-96.97	-135.38	
.51590208	48 23.06	116 19.20		755.60		980639.77	-980924.73	233.08	-85.46	-137.34	
.51590209	48 24.94	116 22.05		793.40		980637.94	-980927.55	244.74	-89.72	-134.59	
.51590210	48 27.49	116 20.75		805.90		980637.87	-980931.37	248.59	-91.13	-136.04	
.51590211	47 30.29	116 14.47		709.30		980589.57	-980845.52	218.80	-80.23	-117.38	
.51590212	47 27.16	116 16.05		793.70		980567.31	-980840.81	244.84	-89.75	-118.41	
.51590213	47 31.21	116 22.55		683.40		980600.75	-980846.90	210.82	-77.31	-112.64	
.51590214	47 30.56	116 25.11		717.80		980592.76	-980845.92	221.43	-81.19	-112.92	
.51590215	47 28.16	116 26.32		799.20		980574.02	-980842.31	246.53	-90.37	-112.13	
.51590216	47 28.80	116 20.54		1777.60		980364.83	-980843.28	548.22	-200.40	-130.63	
.51590224	47 17.60	116 43.20		780.90		980563.99	-980826.43	240.89	-88.31	-109.86	
.51590225	47 17.51	116 45.36		888.20		980546.01	-980826.30	273.98	-100.41	-106.72	
.51590226	47 15.96	116 43.98		807.40		980558.23	-980823.97	249.06	-91.30	-107.98	
.51590227	47 14.37	116 46.64		846.10		980548.78	-980821.57	261.00	-95.66	-107.45	
.51590228	47 12.48	116 45.02		950.70		980524.13	-980818.73	293.26	-107.46	-108.90	
.51590229	47 13.13	116 47.95		871.10		980524.12	-980818.73	293.26	-107.46	-108.91	
.51590230	47 13.15	116 53.10		887.30		980539.54	-980819.71	268.71	-98.48	-109.94	
.51590231	47 22.00	116 53.14		843.40		980539.30	-980819.74	273.70	-100.31	-107.05	
.51590232	47 21.54	116 57.50		860.80		980570.63	-980833.05	260.16	-95.36	-97.62	
.51590233	47 23.70	116 57.82		916.60		980568.74	-980832.36	265.93	-97.32	-95.41	
.51590234	47 24.56	116 54.78		802.80		980584.70	-980835.61	251.90	-92.34	-91.35	
.51590235	47 26.54	116 53.07		820.20		980590.49	-980836.90	247.64	-90.78	-89.55	
.51590236	47 24.56	116 51.18		840.60		980590.25	-980839.88	253.01	-92.74	-89.36	
.51590237	47 28.92	116 57.50		824.20		980582.77	-980836.90	259.30	-95.04	-89.87	
.51590238	47 38.81	116 53.26		677.60		980595.80	-980843.46	254.24	-93.19	-86.61	
.51590239	47 37.35	116 59.30		1597.50		980633.85	-980858.32	209.03	-76.65	-92.09	
.51590240	47 20.80	116 43.32		669.60		980437.62	-980856.13	492.69	-180.20	-106.02	
						980593.71	-980831.25	206.56	-75.75	-106.73	

PRINCIPAL FACTS FOR USGS AND DOD GRAVITY STATIONS NEAR SPOKANE AREA, WAS

STATION IDENTIFICATION	LATITUDE	LONGITUDE	LOCATION ELEV.	ST.	OBSERVED GRAVITY	STD. GRV.	TERRAIN	CORRECTIONS FREE-AIR	BOUGUER	SPECIAL	BOUGUER ANOMALY	SPEC. FIELD
.51590241	47 20.31	116 49.22	831.80		980567.29	-980830.51		256.59	-94.05		-100.68	
.51590242	47 18.48	116 50.18	835.50		980561.45	-980827.76		257.73	-94.47		-103.05	
.51590243	47 30.50	116 58.78	804.10		980607.66	-980845.83		248.04	-90.93		-81.06	
.51590244	47 32.04	116 55.36	761.10		980619.57	-980848.15		234.78	-86.08		-79.88	
.51590245	47 32.32	116 51.60	743.40		980619.32	-980848.57		229.32	-84.08		-84.01	
.51590246	47 33.86	116 54.70	730.30		980625.83	-980850.88		225.28	-82.60		-82.37	
.51590247	47 13.04	116 40.60	904.60		980531.67	-980819.57		279.04	-102.26		-111.12	
.51590248	47 9.85	116 40.36	879.70		980531.88	-980814.77		271.36	-99.45		-110.98	
.51590249	47 6.94	116 35.87	868.70		980526.70	-980810.39		267.97	-98.21		-113.93	
.51590250	47 7.20	116 41.08	919.60		980519.69	-980810.79		283.67	-103.95		-111.38	
.51590253	47 8.92	116 32.53	850.40		980533.01	-980813.37		262.32	-96.15		-114.19	
.51590254	47 8.22	116 26.80	826.00		980533.05	-980812.32		254.80	-93.40		-117.87	
.51590255	47 7.40	116 23.58	850.10		980525.05	-980811.09		262.23	-96.12		-119.93	
.51590256	47 5.25	116 22.44	837.30		980524.95	-980807.85		258.29	-94.67		-119.28	
.51680749	48 46.26	116 54.63	1486.50		980524.86	-980959.48		458.46	-167.73		-143.89	
.51680750	48 56.73	116 55.58	2035.20		980418.96	-980975.14		627.60	-229.26		-157.84	
.51680751	48 57.04	116 45.19	2101.00		980399.44	-980975.60		647.88	-236.62		-164.90	
.51680752	48 28.24	116 43.18	1915.70		980435.72	-980932.49		590.77	-215.88		-121.88	
.51680753	48 31.37	116 40.43	1941.90		980429.68	-980937.18		598.85	-218.81		-127.46	
.51680754	48 48.68	116 43.42	2140.30		980385.44	-980963.10		660.00	-241.01		-158.67	
.51680755	48 51.58	116 35.99	2136.00		980393.73	-980967.44		658.67	-240.53		-155.57	
.51680756	48 25.66	116 42.74	1938.80		980428.54	-980928.63		597.90	-218.46		-120.65	
.51680757	47 0.26	116 30.72	1446.00		980387.69	-980800.34		445.99	-163.19		-129.85	
.51680758	48 27.90	116 12.84	1732.50		980444.15	-980931.98		534.30	-195.34		-148.87	
.51680759	48 29.62	116 5.30	2034.50		980395.75	-980934.56		627.39	-229.18		-140.60	
.51680760	48 11.34	116 4.82	2136.30		980324.84	-980907.16		658.77	-240.57		-164.12	
.51680760	48 11.34	116 4.82	2136.30		980324.92	-980907.16		658.77	-240.57		-164.04	
.51680903	47 29.34	116 7.65	1919.30		980323.10	-980844.09		591.90	-216.28		-145.37	