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PRINCIPAL FACTS ~~FOR~~ GRAVITY STATIONS

southern Raft River area

IN THE ~~RAFT RIVER VALLEY, IDAHO~~

~~BRIDGE AREA~~, CASSIA COUNTY, IDAHO

BY CAROL W. WILSON AND DON R. MABEY

U.S. GEOLOGICAL SURVEY

DENVER, COLORADO

74-1127

PRINCIPAL FACTS FOR GRAVITY STATIONS IN
BRIDGE AREA, CASSIA COUNTY, IDAHO
THE ~~RAFT RIVER VALLEY, IDAHO~~

BY

CAROL W. WILSON AND DON R. MABEY

ABBREVIATION OF HEADINGS OF THE ACCOMPANYING TABLES OF PRINCIPAL FACTS ARE EXPLAINED IN THE FOLLOWING LIST.

STATION	STATION DESIGNATION
LAT	NORTH LATITUDE IN DEGREES, MINUTES, AND HUNDREDTHS OF MINUTES
LONG	WEST LONGITUDE IN DEGREES, MINUTES, AND HUNDREDTHS OF MINUTES
ELEV(F)	ELEVATION ABOVE SEA LEVEL IN FEET
OBS G	OBSERVED GRAVITY IN MILLIGALS MINUS 978000 MILLIGALS
FAA	FREE AIR ANOMALY IN MILLIGALS
BA 2.67	SIMPLE BOUGUER ANOMALY IN MILLIGALS FOR AN ASSUMED DENSITY OF 2.67 G PER CC
BA (OPT)	SIMPLE BOUGUER ANOMALY IN MILLIGALS FOR AN ASSUMED DENSITY OF 2.35 G PER CC
CC	CURVATURE CORRECTION

THESE DATA ARE REFERENCED TO AN OBSERVED GRAVITY VALUE OF 980031.1 MILLIGALS AT A POINT 4.5 FEET LOWER AND 1 FOOT NORTH OF BM S30 IN THE NORTH FACE OF RAILROAD STATION IN MINIDOKA, IDAHO.

SNAKERIVER PLAIN RAFT RIVER

MINLAT=41, 50, MAXLAT=42, 50, MINLONG=112, 30, MAXLONG=114, 0, MINELEV=4000, MAXELEV= 9265,

BMR= 3600,49 GBV=980026,20 MSV=1,05393 D1=2,67 D2=2,35

STATION	LAT	LONG	ELEV(F)	OBS G	FAA	BA2,67	BA(OPT)	CC
BRIDGE	42 9,80	113 20,54	4713,0	1913,83	-16,83	-177,58	-158,31	1,48
RR009	42 5,57	113 16,80	4931,0	1893,16	-10,68	-178,86	-158,70	1,52
RR010	42 6,25	113 17,60	4842,0	1897,69	-15,53	-180,67	-160,88	1,50
RR011	42 6,90	113 18,46	4785,0	1900,42	-19,13	-182,33	-162,77	1,49
RR012	42 7,75	113 19,98	4745,0	1905,44	-19,14	-180,98	-161,58	1,49
RR013	42 7,11	113 19,98	4757,0	1903,67	-18,83	-181,07	-161,63	1,49
RR014	42 6,09	113 19,97	4780,0	1900,55	-18,26	-181,29	-161,75	1,49
RR015	42 5,41	113 19,97	4810,0	1897,65	-17,32	-181,37	-161,71	1,50
RR016	42 4,30	113 19,96	4874,0	1892,06	-15,24	-181,47	-161,55	1,51
RR017	42 4,08	113 18,83	4875,0	1892,65	-14,23	-180,49	-160,57	1,51
RR018	42 4,30	113 18,34	4938,0	1890,57	-10,71	-179,13	-158,94	1,52
RR019	42 2,23	113 18,00	5026,0	1892,83	2,91	-168,51	-147,96	1,54
RR020	42 1,50	113 17,20	5149,0	1894,30	17,04	-158,57	-137,52	1,56
RR021	42 0,60	113 16,21	5286,0	1889,99	26,95	-153,33	-131,73	1,58
RR022	42 0,61	113 17,82	5269,0	1889,49	24,84	-154,87	-133,33	1,58
RR023	42 0,60	113 18,84	5244,0	1888,70	21,71	-157,14	-135,71	1,57
RR025	42 1,43	113 20,05	5189,0	1887,88	14,48	-162,50	-141,29	1,57
RR026	42 0,57	113 20,40	5396,0	1877,32	24,66	-159,38	-137,32	1,60
RR027	42 0,55	113 21,22	5495,0	1870,63	27,31	-160,11	-137,65	1,61
RR028	42 0,54	113 23,63	5561,0	1866,10	28,99	-160,68	-137,94	1,62
RR029	42 0,52	113 24,70	5563,0	1861,52	24,64	-165,10	-142,36	1,62
RR030	42 0,72	113 25,95	5489,0	1862,12	17,98	-169,23	-146,79	1,61
RR031	42 0,70	113 27,05	5555,0	1852,01	14,10	-175,36	-152,66	1,62
RR032	42 1,35	113 28,38	5419,0	1860,84	9,18	-175,65	-153,50	1,60
RR033	42 1,32	113 30,83	5469,0	1844,88	-2,03	-188,56	-166,21	1,61
RR034	42 1,23	113 32,02	5414,0	1847,82	-4,13	-188,78	-166,65	1,60
RR035	42 1,05	113 33,17	5423,0	1845,41	-5,43	-190,39	-168,22	1,60
RR037	42 0,53	113 33,21	5474,0	1842,46	-2,81	-189,51	-167,13	1,61
RR038	42 1,53	113 27,60	5419,0	1859,68	7,75	-177,07	-154,92	1,60
RR039	42 1,42	113 25,55	5388,0	1868,19	13,51	-170,26	-148,23	1,60
RR040	42 2,89	113 25,90	5160,0	1880,82	2,51	-173,48	-152,39	1,56
RR041	42 2,90	113 24,30	5150,0	1880,47	1,21	-174,44	-153,39	1,56
RR042	42 2,32	113 22,94	5225,0	1881,22	9,87	-168,34	-146,98	1,57
RR043	42 4,07	113 22,38	4964,0	1887,98	-10,51	-179,81	-159,52	1,53
RR044	42 4,07	113 21,23	4934,0	1889,11	-12,20	-180,48	-160,31	1,52

SNAKERIVER PLAIN RAFT RIVER

MINLAT=41. 50. MAXLAT=42. 50. MINLONG=112. 30. MAXLONG=114. 0. MINELEV=4000. MAXELEV= 9265.

BMR= 3600.49 GBV=980026.20 MSV=1.05393 D1=2.67 D2=2.35

STATION	LAT	LONG	ELEV(F)	OBS G	FAA	BA2.67	BA(OPT)	CC
RR045	42 6.44	113 22.38	4780.0	1902.44	-16.89	-179.92	-160.38	1.49
RR046	42 6.45	113 20.87	4826.0	1899.38	-15.65	-180.25	-160.52	1.50
RR047	42 5.80	113 23.02	4838.0	1898.52	-14.40	-179.41	-159.63	1.50
RR048	42 6.35	113 23.33	4907.0	1896.42	-10.84	-178.20	-158.14	1.52
RR049	42 5.72	113 24.12	4896.0	1894.72	-12.64	-179.62	-159.61	1.51
RR050	42 5.22	113 25.30	4944.0	1892.80	-9.30	-177.92	-157.71	1.52
RR051	42 4.84	113 26.15	4960.0	1891.86	-8.16	-177.33	-157.06	1.53
RR052	42 4.04	113 27.91	4979.0	1887.19	-9.85	-179.67	-159.31	1.53
RR053	42 3.82	113 29.05	5004.0	1883.07	-11.29	-181.96	-161.51	1.53
RR054	42 7.30	113 27.66	5872.0	1848.60	30.61	-169.67	-145.66	1.66
RR055	42 7.20	113 26.65	5494.0	1872.27	18.91	-168.48	-146.02	1.61
RR056	42 6.95	113 25.50	5239.0	1884.23	7.28	-171.41	-149.99	1.57
RR057	42 7.21	113 24.50	5104.0	1893.42	3.39	-170.69	-149.83	1.55
RR058	42 8.39	113 25.35	5318.0	1890.39	18.70	-162.68	-140.94	1.59
RR059	42 8.48	113 27.42	5906.0	1850.04	33.48	-167.96	-143.81	1.66
RR060	42 8.97	113 26.05	5490.0	1878.55	22.16	-165.09	-142.65	1.61
RR061	42 9.80	113 26.35	5671.0	1867.34	26.72	-166.70	-143.52	1.64
RR062	42 10.84	113 25.59	5435.0	1889.63	25.28	-160.09	-137.88	1.60
RR063	42 11.63	113 25.84	5418.0	1891.67	24.53	-160.26	-138.11	1.60
RR064	42 12.24	113 24.18	5052.0	1910.08	7.63	-164.68	-144.03	1.54
RR065	42 8.74	113 20.18	4723.0	1909.13	-19.01	-180.09	-160.78	1.48
RR066	42 7.55	113 18.55	4750.0	1903.54	-20.27	-182.28	-162.86	1.49
RR067	42 7.55	113 16.18	4908.0	1899.55	-9.42	-176.81	-156.75	1.52
RR068	42 7.55	113 15.67	4956.0	1898.83	-5.62	-174.66	-154.40	1.53
RR073	42 8.64	113 18.56	4719.0	1908.40	-19.96	-180.91	-161.62	1.48
RR074	42 10.15	113 18.85	4673.0	1915.98	-18.96	-178.34	-159.24	1.47
RR075	42 10.12	113 16.80	4806.0	1911.84	-10.56	-174.47	-154.83	1.50
RR076	42 11.67	113 16.88	4739.0	1919.55	-11.46	-173.09	-153.72	1.48
RR077	42 13.93	113 16.54	4647.0	1935.95	-7.09	-165.59	-146.59	1.47
RR078	42 13.17	113 15.36	4804.0	1922.09	-5.06	-168.91	-149.27	1.50
RR081	42 14.49	113 18.83	4571.0	1938.15	-12.88	-168.78	-150.09	1.45
RR082	42 13.27	113 18.85	4602.0	1931.33	-14.96	-171.92	-153.10	1.46
RR083	42 12.11	113 18.82	4626.0	1926.13	-16.16	-173.94	-155.03	1.46
RR084	42 12.07	113 19.98	4622.0	1925.99	-16.63	-174.27	-155.37	1.46

SNAKERIVER PLAIN RAFT RIVER

MINLAT=41, 50, MAXLAT=42, 50, MINLONG=112, 30, MAXLONG=114, 0, MINELEV=4000, MAXELEV= 9265,

BMR= 3600.49 GBV=980026.20 MSV=1.05393 D1=2.67 D2=2.35

STATION	LAT	LONG	ELEV(F)	OBS G	FAA	BA2.67	BA(OPT)	CC
RR085	42 9.05	113 21.06	4761.0	1909.15	-15.88	-178.26	-158.80	1.49
RR086	42 8.25	113 21.57	4818.0	1903.66	-14.81	-179.14	-159.45	1.50
RR087	42 8.18	113 24.07	5127.0	1896.62	7.29	-167.57	-146.61	1.56
RR088	42 7.60	113 22.06	4867.0	1899.72	-13.18	-179.17	-159.28	1.51
RR089	42 10.78	113 20.76	4709.0	1917.22	-15.28	-175.89	-156.64	1.48
RR090	42 11.90	113 21.13	4689.0	1922.44	-13.62	-173.54	-154.38	1.48
RR091	42 12.75	113 21.40	4671.0	1926.13	-12.89	-172.20	-153.11	1.47
RR092	42 11.93	113 22.25	4809.0	1917.11	-7.71	-171.73	-152.07	1.50
RR093	42 10.82	113 23.69	5005.0	1915.55	10.81	-159.89	-139.43	1.53
RR094	42 13.53	113 21.57	4634.0	1929.40	-14.27	-172.32	-153.37	1.46
RR095	42 14.50	113 21.86	4604.0	1930.66	-17.28	-174.31	-155.49	1.46
RR096	42 16.87	113 22.10	4548.0	1942.58	-14.17	-169.29	-150.70	1.45
RR097	42 17.10	113 23.32	4575.0	1943.90	-10.66	-166.70	-148.00	1.45
RR098	42 17.10	113 24.75	4670.0	1939.27	-6.36	-165.64	-146.55	1.47
RR099	42 16.77	113 26.40	4782.0	1942.44	7.84	-155.26	-135.71	1.49
RR100	42 15.67	113 26.13	4810.0	1931.50	1.17	-162.89	-143.23	1.50
RR101	42 13.82	113 24.02	4825.0	1920.11	-6.04	-170.60	-150.88	1.50
RR102	42 12.95	113 24.90	5020.0	1912.51	5.99	-165.23	-144.71	1.54
RR103	42 13.15	113 26.82	5430.0	1892.98	24.69	-160.51	-138.31	1.60
RR104	42 16.76	113 29.98	4900.0	1941.32	17.82	-149.30	-129.27	1.52
RR105	42 16.55	113 27.39	4769.0	1947.60	12.10	-150.56	-131.06	1.49
RR122	42 16.10	113 15.94	4663.0	1936.34	-8.45	-167.49	-148.43	1.47
RR123	42 15.86	113 17.60	4606.0	1941.71	-8.08	-165.17	-146.34	1.46
RR124	42 16.65	113 18.83	4561.0	1945.64	-9.56	-165.12	-146.47	1.45
RR126	42 15.80	113 20.35	4542.0	1940.62	-15.10	-170.01	-151.44	1.45
RR127	42 15.79	113 21.55	4547.0	1937.87	-17.36	-172.44	-153.86	1.45
RR321	42 2.19	113 32.99	5286.0	1856.79	-8.62	-188.91	-167.30	1.58
RR322	42 3.28	113 32.29	5176.0	1868.06	-9.33	-185.86	-164.70	1.56
RR323	42 3.73	113 31.63	5089.0	1872.99	-13.24	-186.81	-166.01	1.55
RR324	42 3.92	113 32.98	5137.0	1871.01	-11.00	-186.20	-165.20	1.56
RR332	42 3.84	113 30.37	5026.0	1878.72	-13.60	-185.02	-164.47	1.54
RR333	42 5.26	113 31.94	5398.0	1859.47	-0.01	-184.12	-162.06	1.60
RR344	42 10.80	113 32.46	6028.0	1846.29	37.72	-167.88	-143.23	1.68
RR348	42 13.06	113 31.70	5951.0	1853.96	34.78	-168.19	-143.87	1.67
RR349	42 13.50	113 32.70	5532.0	1881.15	21.92	-166.76	-144.14	1.62

RAFT RIVER IDAHO

MINLAT=42. 0. MAXLAT=42. 40. MINLONG=113. 15. MAXLONG=113. 50. MINELEV=4000. MAXELEV= 6500

BMR= 3599.53 GBV=980026.20 MSV=1.05389 D1=2.67 D2=2.35

STATION	LAT	LONG	ELEV(F)	OBS G	FAA	BA2.67	BA(OPT)	CC
RR351	42 14.90	113 32.38	5327.0	1901.17	20.59	-161.10	-139.32	1.59
RR352	42 15.29	113 33.15	5123.0	1916.60	16.26	-158.47	-137.53	1.55
RR353	42 15.73	113 32.19	5090.0	1920.41	16.30	-157.30	-136.49	1.55
RR354	42 16.37	113 31.18	4954.0	1933.18	15.34	-153.63	-133.38	1.53
RR355	42 16.86	113 30.02	4923.0	1941.23	19.74	-148.16	-128.04	1.52
RR372	42 15.30	113 28.62	5217.0	1914.31	22.79	-155.14	-133.82	1.57
RR373	42 0.45	113 28.35	5671.0	1844.51	17.88	-175.54	-152.36	1.64
RR376	42 4.22	113 15.18	5054.0	1891.15	-0.89	-171.48	-150.83	1.54
RR391	42 14.45	113 23.37	4697.0	1927.56	-11.57	-171.77	-152.57	1.48
RR392	42 15.51	113 24.88	4750.0	1930.35	-5.38	-167.39	-147.97	1.49
RR393	42 14.78	113 25.64	4931.0	1917.65	0.03	-168.15	-147.99	1.52
RR394	42 13.65	113 25.12	5032.0	1911.30	4.86	-166.77	-146.20	1.54
RR395	42 13.06	113 23.06	4823.0	1918.51	-6.69	-171.18	-151.47	1.50
RR396	42 11.13	113 24.33	5136.0	1907.21	14.32	-160.85	-139.86	1.56
RR397	42 10.42	113 24.29	5125.0	1908.94	16.08	-158.72	-137.77	1.56
RR398	42 10.08	113 25.02	5264.0	1901.63	22.33	-157.20	-135.69	1.58
RR411	42 10.98	113 22.05	4802.0	1914.92	-9.14	-172.92	-153.29	1.50
RR399	42 10.14	113 22.39	4868.0	1912.09	-4.51	-170.54	-150.65	1.51
RR400	42 10.13	113 23.55	5016.0	1913.37	10.70	-160.38	-139.88	1.54
RR401	42 9.26	113 22.76	4950.0	1907.53	-0.05	-168.87	-148.64	1.52
RR402	42 5.58	113 21.80	4839.0	1897.60	-14.91	-179.95	-160.17	1.50
RR403	42 4.97	113 24.12	4876.0	1896.98	-11.13	-177.44	-157.50	1.51
RR404	42 4.05	113 24.70	5011.0	1887.49	-6.56	-177.46	-156.98	1.54
RR405	42 5.23	113 26.55	5236.0	1876.46	1.80	-176.78	-155.38	1.57
RR406	42 13.40	113 19.98	4590.0	1931.25	-16.36	-172.91	-154.14	1.45
RR500	42 13.12	113 21.90	4696.0	1925.36	-11.86	-172.03	-152.83	1.48
RR501	42 12.30	113 25.40	5192.0	1902.12	12.74	-164.35	-143.12	1.57
RR502	42 13.35	113 26.16	5279.0	1898.43	15.65	-164.40	-142.82	1.58
RR503	42 13.90	113 26.28	5172.0	1906.00	12.34	-164.06	-142.92	1.56
RR504	42 13.09	113 27.84	5779.0	1869.22	33.82	-163.28	-139.66	1.65
RR505	42 12.22	113 27.82	6257.0	1838.33	49.15	-164.25	-138.68	1.70
RR506	42 11.20	113 27.36	6313.0	1830.50	48.11	-167.20	-141.40	1.70
RR507	42 11.48	113 24.15	5218.0	1900.10	14.39	-163.58	-142.25	1.57

RAFT RIVER IDAHO

MINLAT=42. 0. MAXLAT=42. 40. MINLONG=113. 15. MAXLONG=113. 50. MINELEV=4000. MAXELEV= 6500.

BMR= 3599.53 GBV=980026.20 MSV=1.05389 D1=2.67 D2=2.35

STATION	LAT	LONG	ELEV(F)	OBS G	FAA	BA2.67	BA(OPT)	CC
RR508	42 11.20	113 21.20	4721.0	1918.12	-13.88	-174.90	-155.60	1.48
RR509	42 11.68	113 21.65	4746.0	1918.60	-11.77	-173.64	-154.24	1.49
RR510	42 9.56	113 21.22	4771.0	1910.39	-14.46	-177.18	-157.68	1.49
RR511	42 9.46	113 21.98	4851.0	1907.69	-9.49	-174.94	-155.11	1.51
RR512	42 8.62	113 24.72	5249.0	1895.24	16.72	-162.30	-140.85	1.58
RR513	42 10.08	113 25.80	5472.0	1885.01	25.27	-161.36	-138.99	1.61
RR514	42 8.90	113 28.68	6213.0	1832.41	44.07	-167.84	-142.44	1.69
RR515	42 7.76	113 24.70	5173.0	1894.50	10.13	-166.31	-145.16	1.56
RR516	42 7.66	113 25.45	5292.0	1886.23	13.20	-167.30	-145.66	1.58
RR517	42 6.53	113 27.45	5886.0	1840.71	25.19	-175.57	-151.51	1.66
RR518	42 5.86	113 27.52	5908.0	1837.83	25.38	-176.12	-151.97	1.66
RR519	42 3.55	113 29.15	5022.0	1880.98	-11.28	-182.56	-162.03	1.54
RR520	42 2.84	113 29.08	5150.0	1874.50	-4.67	-180.32	-159.27	1.56
RR521	42 1.95	113 28.80	5337.0	1862.21	1.95	-180.08	-158.27	1.59
RR522	42 2.72	113 27.14	5215.0	1875.72	2.84	-175.02	-153.71	1.57
RR523	42 3.40	113 26.15	5092.0	1885.26	-0.20	-173.87	-153.06	1.55
RR524	42 4.04	113 26.50	4985.0	1891.98	-4.49	-174.52	-154.14	1.53
RR525	42 4.94	113 25.30	4902.0	1896.15	-9.47	-176.66	-156.62	1.52
RR526	42 5.36	113 24.45	4881.0	1896.25	-11.97	-178.44	-158.49	1.51
RR527	42 6.22	113 24.38	4996.0	1891.45	-7.25	-177.65	-157.22	1.53
RR528	42 6.66	113 24.44	5056.0	1892.18	-1.54	-173.99	-153.32	1.54
RR529	42 3.15	113 24.70	5132.0	1882.23	0.91	-174.13	-153.15	1.56
RR530	42 3.16	113 22.95	5082.0	1882.47	-3.57	-176.90	-156.12	1.55
RR531	42 3.16	113 22.38	5065.0	1883.05	-4.59	-177.34	-156.63	1.54
RR532	42 3.18	113 21.20	5005.0	1888.55	-4.75	-175.46	-155.00	1.53
RR533	42 2.30	113 21.20	5135.0	1885.92	6.15	-168.99	-148.00	1.56
RR534	42 2.28	113 22.38	5169.0	1885.72	9.18	-167.12	-145.99	1.56
RR535	42 1.70	113 23.80	5314.0	1877.60	15.55	-165.69	-143.97	1.59
RR536	42 1.05	113 16.46	5221.0	1891.66	21.84	-156.23	-134.89	1.57
RR537	42 1.94	113 16.48	5098.0	1893.25	10.54	-163.34	-142.50	1.55
RR538	42 2.88	113 16.48	4995.0	1897.90	4.11	-166.26	-145.84	1.53
RR539	42 3.70	113 16.45	4939.0	1900.27	-0.02	-168.47	-148.28	1.52
RR540	42 1.94	113 17.62	5072.0	1894.81	9.66	-163.33	-142.60	1.55
RR541	42 2.78	113 18.50	4963.0	1891.44	-5.22	-174.49	-154.20	1.53
RR542	42 5.37	113 21.08	4824.0	1898.19	-15.41	-179.94	-160.22	1.50

RAFT RIVER IDAHO

MINLAT=42. 0. MAXLAT=42. 40. MINLONG=113. 15. MAXLONG=113. 50. MINELEV=4000. MAXELEV= 6500.

BMR= 3793.57 GBV=980026.20 MSV=1.00000 D1=2.67 D2=2.35

STATION	LAT	LONG	ELEV(F)	OBS G	FAA	BA2.67	BA(OPT)	CC
RR543	42 6.45	113 20.00	4774.0	1901.75	-18.16	-180.99	-161.47	1.49
RR544	42 6.00	113 21.80	4806.0	1899.54	-16.69	-180.61	-160.96	1.50
RR545	42 7.10	113 21.18	4775.0	1903.48	-17.31	-180.17	-160.65	1.49
RR546	42 7.76	113 20.85	4755.0	1905.97	-17.69	-179.86	-160.43	1.49
RR547	42 8.20	113 19.40	4726.0	1906.82	-20.22	-181.41	-162.09	1.48
RR548	42 9.50	113 19.38	4696.0	1912.65	-19.16	-179.32	-160.13	1.48
RR549	42 11.23	113 18.80	4646.0	1921.31	-17.79	-176.24	-157.25	1.47
RR550	42 12.76	113 19.98	4610.0	1928.72	-16.05	-173.28	-154.44	1.46
RR551	42 13.95	113 19.98	4578.0	1933.22	-16.34	-172.48	-153.77	1.45
RR552	42 5.53	113 31.04	5627.0	1851.47	13.11	-178.81	-155.81	1.63
RR553	42 6.60	113 31.58	6078.0	1826.30	28.71	-178.59	-153.74	1.68
RR554	42 7.56	113 17.05	4828.0	1901.71	-14.79	-179.45	-159.72	1.50
RR555	42 8.08	113 16.52	4850.0	1907.37	-7.84	-173.26	-153.43	1.51
RR556	42 9.86	113 15.32	4986.0	1906.94	1.85	-168.20	-147.82	1.53
RR557	42 11.88	113 17.64	4670.0	1923.02	-14.79	-174.07	-154.98	1.47
RR558	42 12.40	113 15.98	4770.0	1921.56	-7.63	-170.32	-150.82	1.49
RR559	42 12.84	113 16.68	4689.0	1927.30	-10.16	-170.09	-150.92	1.48
RR560	42 12.76	113 17.62	4639.0	1928.68	-13.36	-171.58	-152.62	1.46
RR561	42 13.74	113 16.10	4682.0	1932.05	-7.42	-167.10	-147.96	1.47
RR562	42 14.10	113 15.75	4691.0	1932.66	-6.50	-166.50	-147.32	1.48
RR563	42 14.33	113 16.50	4631.0	1938.69	-6.46	-164.40	-145.47	1.46
RR564	42 15.05	113 17.05	4605.0	1940.66	-8.01	-165.07	-146.25	1.46
RR565	42 14.68	113 18.22	4574.0	1939.97	-11.06	-167.06	-148.36	1.45
RR566	42 14.72	113 19.98	4564.0	1936.03	-16.00	-171.66	-153.01	1.45
RR570	42 9.14	113 25.80	5474.0	1882.16	24.01	-162.69	-140.31	1.61
RR571	42 9.28	113 25.48	5395.0	1889.86	24.07	-159.93	-137.88	1.60
RR572	42 9.36	113 25.03	5285.0	1897.91	21.67	-158.59	-136.98	1.58
RR573	42 9.39	113 24.62	5198.0	1903.24	18.77	-158.51	-137.26	1.57
RR574	42 9.40	113 24.10	5120.0	1905.08	13.27	-161.35	-140.42	1.55
RR575	42 9.49	113 23.62	5044.0	1909.42	10.33	-161.70	-141.08	1.54
RR576	42 9.86	113 23.55	5009.0	1912.97	10.04	-160.80	-140.32	1.54
RR577	42 10.16	113 22.95	4929.0	1914.62	3.72	-164.39	-144.24	1.52
RR578	42 8.10	113 23.48	5045.0	1898.92	2.01	-170.06	-149.44	1.54

RAFT RIVER IDAHO

MINLAT=42. 0. MAXLAT=42. 40. MINLONG=113. 15. MAXLONG=113. 50. MINELEV=4000. MAXELEV= 6500.

BMR= 3599.63 GBV=980026.20 MSV=1.05389 D1=2.67 D2=2.35

STATION	LAT	LONG	ELEV(F)	OBS G	FAA	BA2.67	BA(OPT)	CC
RR579	42 8.04	113 23.00	4985.0	1900.48	-1.98	-172.00	-151.63	1.53
RR580	42 7.95	113 22.55	4925.0	1900.79	-7.17	-175.15	-155.01	1.52
RR581	42 7.80	113 21.90	4874.0	1900.19	-12.34	-178.58	-158.66	1.51
RR582	42 6.14	113 22.98	4836.0	1899.67	-13.95	-178.89	-159.12	1.50
RR583	42 5.45	113 22.96	4843.0	1897.88	-14.05	-179.23	-159.43	1.50
RR584	42 1.38	113 29.84	5466.0	1851.69	4.40	-182.03	-159.69	1.61
RR585	42 4.28	113 26.76	4967.0	1893.73	-4.79	-174.20	-153.90	1.53
RR586	42 5.72	113 24.70	5004.0	1889.45	-7.75	-178.42	-157.96	1.53
RR587	42 7.25	113 22.38	4883.0	1898.03	-12.83	-179.37	-159.41	1.51
RR588	42 6.44	113 21.83	4800.0	1900.98	-16.47	-180.19	-160.57	1.50
RR589	42 4.95	113 22.35	4886.0	1894.09	-13.05	-179.70	-159.73	1.51
RR590	42 11.12	113 25.70	5452.0	1888.43	25.25	-160.70	-138.41	1.61
RR591	42 14.10	113 27.55	5492.0	1892.13	28.25	-159.06	-136.61	1.61