

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Principal Facts for the Bouguer Gravity Map of the

Wallace 1° X 2° CUSMAP Quadrangle,

Montana-Idaho

by

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Open-File Report 82-883

1982

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

Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.

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## Introduction

This open-file report combines and updates previously released gravity data collected by the U.S. Geological Survey which was used to make the complete Bouguer anomaly map for the Wallace 1° X 2° quadrangle (Kleinkopf and others, 1982). This report also includes gravity data collected by Dennis J. LaPoint for his 1971 Master's thesis at the University of Montana. The work was done in support of the Conterminous United States Mineral Appraisal Program (CUSMAP). These data were previously released as U.S. Geological Survey Open-File Reports 79-1309, 81-178, and 82-132.

## Data Collection and Data Reduction

Details for each survey's data collection and reduction are available in the previous open-file reports. Stations with prefix 'dp' are described in D. J. LaPoint's thesis. Stations labelled 'wl' or 'dk' are found in the 1982 USGS Open-File Report (82-132). Stations labelled 'su' are found in the 1979 USGS Open-File Report (79-1309). All other stations can be found in the 1981 USGS Open-File Report (81-178).

Some principal facts for LaPoint's data (stations with prefix 'dp') were unavailable and dummy values were used in place of actual values. They should be ignored. The dummy values are:

observed gravity	=	980000.00
terrain correction	=	1.00
free air	=	50.00
Bouguer d2	=	-150.00

Other values are accurate, including complete Bouguer values calculated for a density of 2.67 g/cm<sup>3</sup>.

## References

- Bankey, Viki; Brickey, Mike; and Kleinkopf, M. D., 1981. Principal facts for 1980 gravity stations in the Wallace 1° X 2° quadrangle, Montana-Idaho: U.S. Geological Survey Open-File Report 82-132.
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- Defense Mapping Agency Aerospace Center, 1974, World Relative Gravity Reference Network, North America, Part 2: DMAAC Reference Publication 25, with supplement updating gravity values to the International Gravity Standardization Net 1971, 1635 p.
- International Association of Geodesy, 1967, Geodetic Reference System, 1967, International Association of Geodesy Special Publication 3, 74 p.
- Kleinkopf, M. Dean; Harrison, Jack E.; and Bankey, Viki L., 1982, Aeromagnetic and gravity anomaly maps, and metallic mineral resource favorability map for the Wallace 1° x 2° Quadrangle, Montana-Idaho: U.S. Geological Survey Open-File Report 82- .
- LaPoint, Dennis J., 1971, Geology and geophysics of the southwestern Flathead Lake region, Montana. University of Montana Master's Thesis, 1971, 110 p.
- Plouff, D., 1977, Preliminary documentation for a FORTRAN program to compute gravity terrain corrections based on topography digitized on a geographic grid: U.S. Geological Survey Open-File Report 77-535. .
- Wilson, D. M., 1979, Principal facts for gravity stations in the Wallace 2° Quadrangle, Montana and Idaho: U.S. Geological Survey Open-File Report 79-1309.

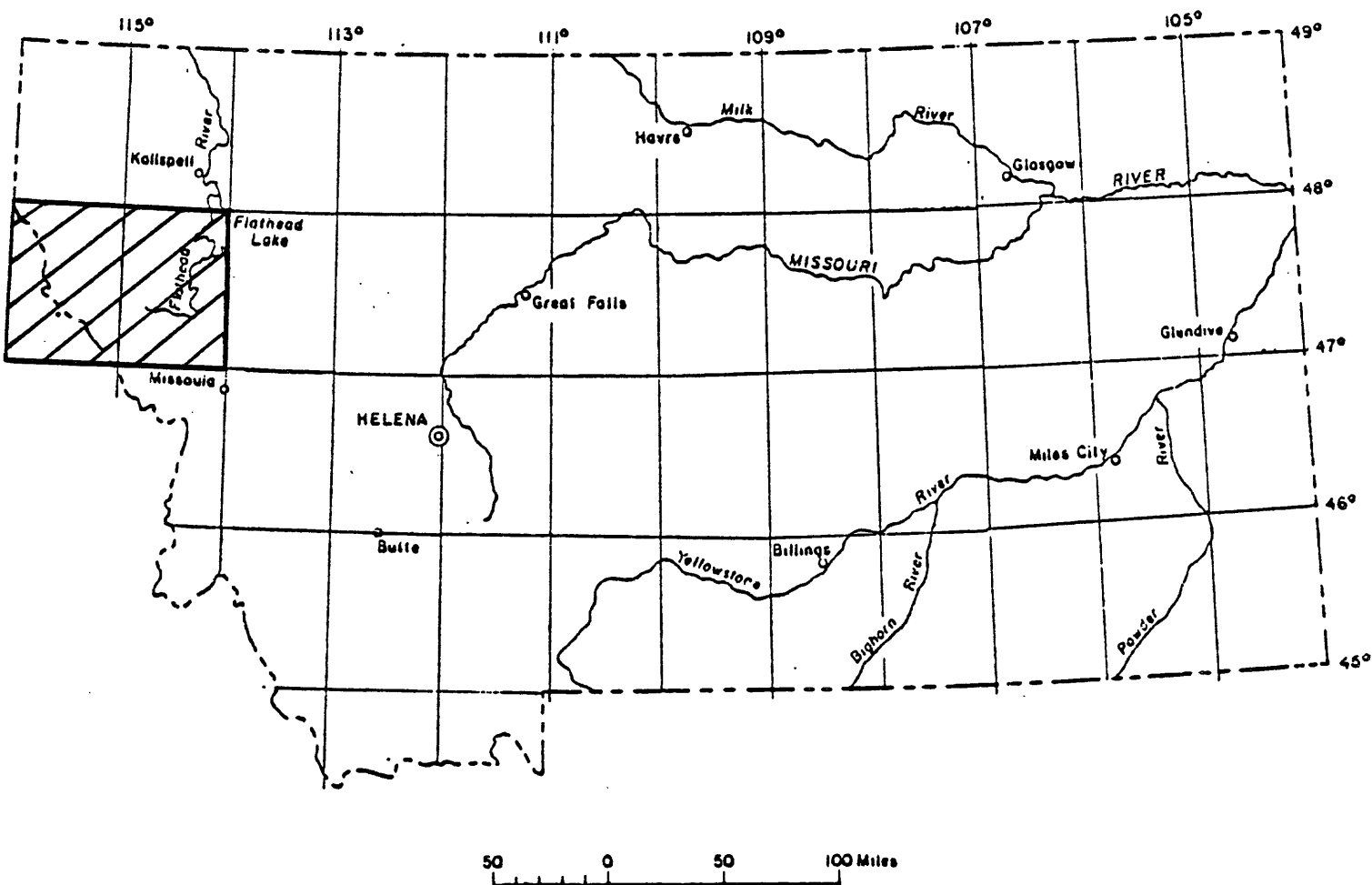


Figure 1: Index map, Wallace 1° x 2° Quadrangle,  
Montana - Idaho

## Appendix A: Principal Facts of Gravity Data

### Explanation of headings

#### Identification

proj	Project name.
sta id	Gravity station identification number.

#### Location

latitude	North latitude in degrees, minutes, and hundredths of minutes.
longitude	West longitude in degrees, minutes, and hundredths of minutes.
ele	Station elevation in feet.
st	State where station is located.

#### Gravity

observed	Observed gravity in milligals.
theoretical	Theoretical gravity in milligals.

#### Corrections

terrain	Terrain correction out to 166.7km in milligals.
Bouguer	Elevation correction in milligals.
curv	Curvature correction in milligals.
special	Not used.

#### Anomalies

free-air	Free-air anomaly in milligals.
complete-Bouguer	Complete Bouguer anomaly in milligals for designated densities.
spec fields	Not used.

Wallace Cusman Gravity

STATION IDENTIFICATION		L O N G I T U D E	C O R R E C T I O N S	G R A V I T Y		T E R R A I N		C O R R E C T I O N S		A N D M A I L E S	
prof	sta-id	LATITUDE deg min	LONGITUDE deg min	ELE (in ft)	UNRESERVED	THEORETICAL	BOUGUER	CURV	SPECIAL	FREE	COMPLETE
										AIR · d1=2.67 d2=2.50 FIELDS	
North :	dp 340	47 31.58	114 0.00	3059.0 Mt	980000.00	980847.45	1.00	-104.33	1.06	0.00	-50.00
North :	dp 49	47 18.07	114 0.03	3564.0 Mt	980000.00	980827.14	1.00	-121.56	1.17	0.00	-50.00
North :	dp 127	47 25.21	114 0.15	3530.0 Mt	980000.00	980837.88	1.00	-120.40	1.17	0.00	-50.00
North :	dp 98	47 29.70	114 0.36	3720.0 Mt	980000.00	980844.63	1.00	-126.88	1.21	0.00	-50.00
North :	dp 129	47 23.94	114 0.60	3606.0 Mt	980000.00	980835.97	1.00	-122.99	1.18	0.00	-50.00
North :	dp 126	47 24.80	114 0.60	3426.0 Mt	980000.00	980837.26	1.00	-116.85	1.14	0.00	-50.00
North :	dp 151	47 23.08	114 0.62	3570.0 Mt	980000.00	980834.68	1.00	-121.76	1.17	0.00	-50.00
North :	dp 100	47 26.56	114 0.62	3336.0 Mt	980000.00	980839.91	1.00	-113.78	1.12	0.00	-50.00
North :	dp 35	47 19.61	114 0.63	3401.0 Mt	980000.00	980829.45	1.00	-116.00	1.14	0.00	-50.00
North :	dp 33	47 20.48	114 0.63	3289.0 Mt	980000.00	980830.76	1.00	-112.18	1.11	0.00	-50.00
North :	dp 99	47 28.26	114 0.63	3384.0 Mt	980000.00	980842.46	1.00	-115.42	1.13	0.00	-50.00
North :	dp 95	47 28.77	114 0.64	3484.0 Mt	980000.00	980843.23	1.00	-118.83	1.16	0.00	-50.00
North :	dp 10	47 22.20	114 0.65	3537.0 Mt	980000.00	980833.35	1.00	-120.64	1.17	0.00	-50.00
North :	dp 564	47 30.91	114 0.65	3694.0 Mt	980000.00	980846.45	1.00	-125.99	1.20	0.00	-50.00
North :	dp 48	47 18.07	114 0.66	3432.0 Mt	980000.00	980827.14	1.00	-117.06	1.14	0.00	-50.00
North :	dp 53	47 16.64	114 0.70	3526.0 Mt	980000.00	980824.98	1.00	-120.26	1.17	0.00	-50.00
North :	dp 24	47 45.78	114 0.78	3084.0 Mt	980536.12	980868.80	9.77	-105.19	1.06	0.00	-42.72
North :	dp 23	47 46.40	114 0.78	3087.0 Mt	980535.22	980869.72	9.71	-105.29	1.06	0.00	-44.27
North :	dp 128	47 25.67	114 0.88	3605.0 Mt	980000.00	980838.57	1.00	-122.96	1.18	0.00	-50.00
North :	dp 22	47 47.37	114 0.90	2956.0 Mt	980544.88	980871.18	9.89	-100.82	1.03	0.00	-48.38
North :	dp 427	47 34.65	114 0.95	3681.0 Mt	980000.00	980852.07	1.00	-125.55	1.20	0.00	-50.00
North :	dp 21	47 48.13	114 0.96	2908.0 Mt	980548.24	980872.33	10.19	-99.18	1.02	0.00	-50.67
North :	dp 563	47 30.91	114 0.99	3437.0 Mt	980000.00	980846.45	1.00	-117.23	1.15	0.00	-50.00
North :	dp 9	47 22.20	114 1.02	3326.0 Mt	980000.00	980833.35	1.00	-113.48	1.12	0.00	-50.00
North :	su00364	46 56.68	114 1.08	3571.0 Mt	980423.65	980794.95	1.75	-121.80	1.17	0.00	-35.57
North :	dp 25	47 45.03	114 1.20	2985.0 Mt	980542.49	980867.66	8.94	-101.81	1.04	0.00	-44.52
North :	su00268	47 16.80	114 1.21	3438.0 Mt	980470.80	980825.23	2.85	-117.26	1.15	0.00	-31.20
North :	dp 130	47 23.94	114 1.25	3240.0 Mt	980000.00	980835.97	1.00	-110.51	1.10	0.00	-50.00
North :	dp 32	47 20.48	114 1.27	3184.0 Mt	980000.00	980830.76	1.00	-108.60	1.09	0.00	-50.00
North :	dp 150	47 23.08	114 1.27	3231.0 Mt	980000.00	980834.68	1.00	-110.20	1.10	0.00	-50.00
North :	dp 96	47 28.74	114 1.27	3290.0 Mt	980000.00	980843.19	1.00	-112.21	1.11	0.00	-50.00
North :	dp 36	47 19.60	114 1.28	3248.0 Mt	980000.00	980829.45	1.00	-110.78	1.10	0.00	-50.00
North :	dp 46	47 19.12	114 1.33	3472.0 Mt	980000.00	980828.72	1.00	-118.42	1.15	0.00	-50.00
North :	dp 20	47 49.25	114 1.38	2911.0 Mt	980550.33	980874.00	9.61	-99.29	1.02	0.00	-49.99
North :	dp 17	47 52.42	114 1.50	2933.0 Mt	980550.97	980878.77	9.30	-100.04	1.03	0.00	-52.04
North :	dp 635	47 44.59	114 1.56	2903.0 Mt	980541.66	980867.01	8.08	-102.08	1.04	0.00	-43.94
North :	dp 406	47 20.93	114 1.59	2589.0 Mt	980000.00	980831.44	1.00	-88.30	0.94	0.00	-50.00
North :	dp 97	47 31.80	114 1.60	3375.0 Mt	980000.00	980847.79	1.00	-115.11	1.13	0.00	-50.00
North :	dp 97	47 29.45	114 1.62	3288.0 Mt	980000.00	980844.25	1.00	-112.14	1.11	0.00	-50.00
North :	dp 277	47 53.52	114 1.62	3057.0 Mt	980546.29	980880.41	3.89	-104.26	1.06	0.00	-46.71
North :	dp 28	47 44.59	114 1.56	2903.0 Mt	980541.66	980867.01	8.08	-102.08	1.04	0.00	-43.94
North :	dp 635	47 20.93	114 1.59	2589.0 Mt	980000.00	980831.44	1.00	-88.30	0.94	0.00	-50.00
North :	dp 406	47 31.80	114 1.60	3375.0 Mt	980000.00	980847.79	1.00	-115.11	1.13	0.00	-50.00
North :	dp 97	47 29.45	114 1.62	3288.0 Mt	980000.00	980844.25	1.00	-112.14	1.11	0.00	-50.00
North :	dp 277	47 53.52	114 1.62	3057.0 Mt	980546.29	980880.41	3.89	-104.26	1.06	0.00	-46.71

# ROUGHNER GRAVITY DATA

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Wallace Gusmap Gravity  
Stations from 1974-1981  
Meter ID: d-999 Date: 5-29-81

STATION IDENTIFICATION proj	LATITUDE den min	LONGITUDE deg min	ELEVATION (in ft)	SPEC ST	R P A V I T Y OBSERVED THEORETICAL	C O R R E C T I O N S		FREE AIR	A N O M A L I E S			
						TERRAIN BOUGUER CURV	SPECIAL		COMPLETE ROUGHER d1=2.67 d2=2.50	FIELDS		
North : 27A	47 52.75	114 1.68	2959.0	Mt	980550.56	980879.27	4.07 -100.92	1.03	0.00	-50.50	-148.38	-140.32
North : 27B	47 56.62	114 1.68	3109.0	Mt	980546.59	980845.08	3.75 -106.04	1.07	0.00	-46.18	-149.53	-141.02
North : 4p 562	47 31.12	114 1.70	3284.0	Mt	980000.00	980846.77	1.00 -112.01	1.11	0.00	-50.00	-147.00	-150.00
North : 4p 131	47 23.94	114 1.89	3028.0	Mt	980000.00	980835.97	1.00 -103.28	1.05	0.00	-50.00	-152.93	-150.00
North : 4p 120	47 25.69	114 1.89	3139.0	Mt	980000.00	980838.60	1.00 -107.06	1.08	0.00	-50.00	-152.38	-150.00
North : 4p 149	47 23.08	114 1.91	3050.0	Mt	980000.00	980834.68	1.00 -104.03	1.06	0.00	-50.00	-154.85	-150.00
North : 4p 51	47 17.38	114 1.92	3345.0	Mt	980000.00	980826.10	1.00 -114.09	1.13	0.00	-50.00	-145.80	-150.00
North : 4p 47	47 18.08	114 1.92	3235.0	Mt	980000.00	980827.15	1.00 -110.34	1.10	0.00	-50.00	-147.01	-150.00
North : 4p 45	47 19.17	114 1.92	3248.0	Mt	980000.00	980828.80	1.00 -110.78	1.10	0.00	-50.00	-147.56	-150.00
North : 4p 38	47 20.03	114 1.92	3153.0	Mt	980000.00	980830.09	1.00 -107.54	1.08	0.00	-50.00	-152.28	-150.00
North : 4p 30	47 20.47	114 1.92	3099.0	Mt	980000.00	980830.75	1.00 -105.70	1.07	0.00	-50.00	-153.47	-150.00
North : 4p 12	47 21.34	114 1.92	3139.0	Mt	980000.00	980832.06	1.00 -107.06	1.08	0.00	-50.00	-154.91	-150.00
North : 4p 8	47 22.21	114 1.92	3127.0	Mt	980000.00	980833.37	1.00 -106.65	1.07	0.00	-50.00	-156.35	-150.00
North : 4p 149	47 22.65	114 1.92	3072.0	Mt	980000.00	980834.03	1.00 -104.78	1.06	0.00	-50.00	-156.07	-150.00
North : 4p 94	47 28.74	114 1.92	3179.0	Mt	980000.00	980843.19	1.00 -108.43	1.09	0.00	-50.00	-150.19	-150.00
North : 4p 50	47 17.86	114 1.93	3268.0	Mt	980000.00	980826.83	1.00 -111.46	1.11	0.00	-50.00	-146.78	-150.00
North : 4p 37	47 19.61	114 1.93	3209.0	Mt	980000.00	980829.45	1.00 -109.45	1.09	0.00	-50.00	-149.99	-150.00
North : 4p 31	47 20.92	114 1.93	3113.0	Mt	980000.00	980831.43	1.00 -106.18	1.07	0.00	-50.00	-153.88	-150.00
North : 4p 101	47 26.55	114 1.93	3141.0	Mt	980000.00	980839.89	1.00 -107.13	1.08	0.00	-50.00	-153.19	-150.00
North : 4p 41	47 18.73	114 1.94	3246.0	Mt	980000.00	980828.13	1.00 -110.71	1.10	0.00	-50.00	-146.60	-150.00
North : 4p 11	47 21.77	114 1.95	3150.0	Mt	980000.00	980832.70	1.00 -107.44	1.08	0.00	-50.00	-155.68	-150.00
North : 4p 105	47 31.80	114 1.97	3275.0	Mt	980000.00	980847.79	1.00 -111.70	1.11	0.00	-50.00	-147.28	-150.00
North : 275	47 57.39	114 1.98	3044.0	Mt	980551.97	980886.23	4.16 -103.82	1.05	0.00	-48.07	-148.78	-140.48
North : 29	47 43.77	114 2.04	3038.0	Mt	980539.12	980865.77	7.48 -103.62	1.05	0.00	-41.03	-138.22	-130.21
North : 4p 119	47 32.46	114 2.22	3279.0	Mt	980000.00	980848.78	1.00 -111.84	1.11	0.00	-50.00	-147.07	-150.00
North : 51	47 38.74	114 2.22	3368.0	Mt	980508.34	980858.22	8.94 -114.87	1.13	0.00	-33.22	-140.28	-131.46
North : 18	47 51.41	114 2.22	2982.0	Mt	980548.80	980877.24	8.15 -101.71	1.04	0.00	-48.09	-142.68	-134.89
North : 273	47 58.84	114 2.22	2907.0	Mt	980563.68	980888.41	3.48 -99.15	1.02	0.00	-51.41	-148.10	-140.13
North : 4p 104	47 31.80	114 2.23	3237.0	Mt	980000.00	980847.79	1.00 -110.40	1.10	0.00	-50.00	-148.07	-150.00
North : 4p 120	47 32.67	114 2.23	3307.0	Mt	980000.00	980849.09	1.00 -112.79	1.12	0.00	-50.00	-147.01	-150.00
North : 4p 144	47 35.27	114 2.23	3432.0	Mt	980000.00	980853.00	1.00 -117.06	1.14	0.00	-50.00	-140.29	-150.00
North : 4p 145	47 35.71	114 2.23	3465.0	Mt	980000.00	980853.66	1.00 -118.18	1.15	0.00	-50.00	-140.58	-150.00
North : 4p 147	47 36.14	114 2.24	3582.0	Mt	980000.00	980854.30	1.00 -122.17	1.18	0.00	-50.00	-139.71	-150.00
North : 4p 146	47 36.56	114 2.24	3630.0	Mt	980000.00	980854.94	1.00 -123.81	1.19	0.00	-50.00	-138.97	-150.00
North : 274	47 58.03	114 2.28	3054.0	Mt	980552.04	980847.19	3.69 -104.16	1.06	0.00	-48.02	-149.55	-141.18
North : 19	47 50.91	114 2.34	2955.0	Mt	980551.20	980876.50	8.13 -100.79	1.03	0.00	-47.47	-141.16	-133.44
North : 4p 135A	46 58.15	114 2.46	3801.0	Mt	980409.31	980797.16	1.79 -129.64	1.22	0.00	-30.50	-159.57	-148.94
North : 4p 125	47 24.82	114 2.53	2975.0	Mt	980000.00	980837.30	1.00 -101.47	1.04	0.00	-50.00	-154.33	-150.00
North : 4p 121	47 25.69	114 2.54	3056.0	Mt	980000.00	980838.60	1.00 -104.23	1.06	0.00	-50.00	-152.55	-150.00
North : 4p 122	47 26.12	114 2.54	3094.0	Mt	980000.00	980839.24	1.00 -105.53	1.07	0.00	-50.00	-152.37	-150.00



# BOUGUER GRAVITY DATA

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Wallace Cusmap Gravity

Stations from 1974-1981

Meter ID: d-999 Date: 5-29-81

STATION IDENTIFICATION	prof	sta-id	LATITUDE deg min	LONGITUDE deg min	ELEVATION (in ft)	SURVEYED	GRAVITY THEORETICAL	TERRAIN BOUGUER CURV	CORRECTION	SPECIAL	FREE AIR	ANOMALIES	
												COMPLIE	SPEC FIELDS
North :	dp	147	47 23.08	114 2.55	2959.0 Mt	980000.00	980834.68	1.00	-100.92	1.03	0.00	-50.00	-156.87 -150.00
North :	dp	426	47 34.41	114 2.55	3408.0 Mt	980000.00	980851.71	1.00	-116.24	1.14	0.00	-50.00	-143.26 -150.00
North :	dp	39	47 19.61	114 2.56	3154.0 Mt	980000.00	980829.45	1.00	-107.57	1.08	0.00	-50.00	-151.13 -150.00
North :	dp	107	47 27.44	114 2.56	3115.0 Mt	980000.00	980841.23	1.00	-106.24	1.07	0.00	-50.00	-153.54 -150.00
North :	dp	54	47 16.99	114 2.57	3304.0 Mt	980000.00	980825.52	1.00	-112.69	1.12	0.00	-50.00	-145.70 -150.00
North :	dp	13	47 21.34	114 2.57	3054.0 Mt	980000.00	980832.06	1.00	-104.16	1.06	0.00	-50.00	-157.02 -150.00
North :	dp	93	47 28.75	114 2.58	3173.0 Mt	980000.00	980843.20	1.00	-108.22	1.09	0.00	-50.00	-150.36 -150.00
North :	su00	077	47 8.45	114 2.61	3240.0 Mt	980453.74	980812.66	2.79	-110.51	1.10	0.00	-54.30	-163.12 -154.15
North :		132	47 23.95	114 2.61	2918.0 Mt	980000.00	980835.98	1.00	-99.52	1.02	0.00	-50.00	-156.30 -150.00
North :		272	47 59.85	114 2.70	2892.0 Mt	980567.73	980889.92	1.98	-98.64	1.02	0.00	-50.28	-147.95 -139.91
North :	dp	7	47 22.20	114 2.71	3015.0 Mt	980000.00	980833.35	1.00	-102.83	1.05	0.00	-50.00	-157.79 -150.00
North :	su00	076	47 6.86	114 2.79	3460.0 Mt	980446.31	980810.27	3.01	-118.01	1.15	0.00	-38.66	-154.81 -145.24
North :	dp	403	47 31.80	114 2.81	3180.0 Mt	980000.00	980847.79	1.00	-108.46	1.09	0.00	-50.00	-148.65 -150.00
North :		52	47 37.87	114 2.82	3226.0 Mt	980517.85	980856.91	7.23	-110.03	1.10	0.00	-35.76	-139.65 -131.09
North :		50	47 36.74	114 2.82	3265.0 Mt	980513.56	980858.22	6.60	-111.36	1.11	0.00	-37.69	-143.55 -134.83
North :		45	47 39.62	114 2.82	3319.0 Mt	980509.75	980859.54	6.14	-113.20	1.12	0.00	-37.74	-145.92 -137.01
North :		44	47 40.86	114 2.82	3010.0 Mt	980528.89	980861.40	6.60	-102.66	1.05	0.00	-49.51	-146.62 -138.62
North :		30	47 43.94	114 2.82	2972.0 Mt	980541.71	980866.02	4.65	-101.37	1.04	0.00	-44.89	-142.64 -134.59
North :	dp	425	47 33.95	114 2.87	3322.0 Mt	980000.00	980851.02	1.00	-113.30	1.12	0.00	-50.00	-146.09 -150.00
North :	dp	443	47 35.27	114 2.88	3376.0 Mt	980000.00	980853.00	1.00	-115.15	1.13	0.00	-50.00	-144.27 -150.00
North :	dp	428	47 34.41	114 2.89	3333.0 Mt	980000.00	980851.71	1.00	-113.68	1.12	0.00	-50.00	-145.27 -150.00
North :	dp	444	47 36.14	114 2.89	3340.0 Mt	980000.00	980854.30	1.00	-113.92	1.12	0.00	-50.00	-143.06 -150.00
North :	dp	424	47 33.55	114 2.90	3294.0 Mt	980000.00	980850.42	1.00	-112.35	1.11	0.00	-50.00	-147.88 -150.00
North :		34	47 42.35	114 2.94	2935.0 Mt	980539.44	980863.64	5.94	-100.10	1.03	0.00	-48.25	-143.44 -135.60
North :		35	47 41.55	114 3.00	2945.0 Mt	980534.17	980862.44	5.97	-100.45	1.03	0.00	-51.38	-146.88 -139.01
North :	dp	102	47 26.54	114 3.14	3096.0 Mt	980000.00	980839.88	1.00	-105.60	1.07	0.00	-50.00	-152.21 -150.00
North :	dp	418	47 32.66	114 3.18	3220.0 Mt	980000.00	980849.08	1.00	-109.82	1.10	0.00	-50.00	-149.65 -150.00
North :		238	47 37.00	114 3.18	3191.0 Mt	980519.51	980855.60	6.53	-108.84	1.09	0.00	-36.08	-139.47 -130.95
North :	su00	207	47 18.74	114 3.19	3131.0 Mt	980489.16	980828.15	2.19	-106.79	1.08	0.00	-44.61	-150.28 -141.57
North :	dp	29	47 20.94	114 3.19	2999.0 Mt	980000.00	980831.45	1.00	-102.29	1.04	0.00	-50.00	-155.40 -150.00
North :	su00	266	47 21.34	114 3.19	2978.0 Mt	980494.16	980832.06	2.73	-101.57	1.04	0.00	-57.90	-157.78 -149.55
North :	dp	15	47 21.78	114 3.19	2996.0 Mt	980000.00	980832.72	1.00	-102.18	1.04	0.00	-50.00	-158.66 -150.00
North :	dp	6	47 22.21	114 3.19	2977.0 Mt	980000.00	980833.37	1.00	-101.54	1.04	0.00	-50.00	-158.31 -150.00
North :	dp	146	47 23.08	114 3.19	2912.0 Mt	980000.00	980834.68	1.00	-99.32	1.02	0.00	-50.00	-158.12 -150.00
North :	dp	145	47 23.51	114 3.19	2876.0 Mt	980000.00	980835.32	1.00	-98.09	1.01	0.00	-50.00	-158.06 -150.00
North :	dp	116	47 24.82	114 3.19	2908.0 Mt	980000.00	980837.30	1.00	-99.18	1.02	0.00	-50.00	-153.89 -150.00
North :	dp	119	47 26.13	114 3.19	3078.0 Mt	980000.00	980839.26	1.00	-104.98	1.06	0.00	-50.00	-152.30 -150.00
North :	dp	106	47 27.43	114 3.19	3095.0 Mt	980000.00	980841.22	1.00	-105.56	1.07	0.00	-50.00	-151.66 -150.00
North :	dp	56	47 17.86	114 3.20	3140.0 Mt	980000.00	980826.83	1.00	-107.10	1.08	0.00	-50.00	-150.35 -150.00
North :	dp	41	47 20.04	114 3.20	3063.0 Mt	980000.00	980830.10	1.00	-104.47	1.06	0.00	-50.00	-152.72 -150.00

# ROUGHER GRAVITY DATA

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Wallace Gusman Gravity  
Stations from 1974-1981  
Meter ID: d-999 Date: 5-29-81

STATION		L	U	C	A	T	I	N	S	GRAVITY		CORRECTION		FREE AIR		ANOMALIES	
IDENTIFICATION	proj	station	lat	lon	deg	min	sec	ele	ft	observed	theoretical	terrain	bouguer	curvature	special	free air	complete
			deg	deg	deg	min	sec	(in ft)								d1=2.67	d2=2.50
North : dp 28		47	20.48	114	3.20			3076.0	Mt	980000.00	980830.76	1.00	-103.55	1.05	0.00	-50.00	-153.87
North : dp 117		47	25.33	114	3.20			2958.0	Mt	980000.00	980838.06	1.00	-100.89	1.03	0.00	-50.00	-152.75
North : dp 118		47	25.69	114	3.20			3005.0	Mt	980000.00	980838.60	1.00	-102.49	1.04	0.00	-50.00	-152.27
North : dp 105		47	26.99	114	3.20			3084.0	Mt	980000.00	980840.55	1.00	-105.19	1.06	0.00	-50.00	-151.75
North : dp 108		47	27.88	114	3.20			3101.0	Mt	980000.00	980841.90	1.00	-105.77	1.07	0.00	-50.00	-151.53
North : dp 42		47	19.39	114	3.21			3108.0	Mt	980000.00	980829.13	1.00	-106.00	1.07	0.00	-50.00	-151.14
North : dp 40		47	19.61	114	3.21			3093.0	Mt	980000.00	980829.45	1.00	-105.49	1.07	0.00	-50.00	-151.84
North : dp 109		47	28.31	114	3.21			3112.0	Mt	980000.00	980842.54	1.00	-106.14	1.07	0.00	-50.00	-150.35
North : dp 92		47	28.74	114	3.21			3116.0	Mt	980000.00	980843.19	1.00	-106.28	1.07	0.00	-50.00	-149.57
North : dp 462		47	30.47	114	3.21			3098.0	Mt	980000.00	980845.78	1.00	-105.66	1.07	0.00	-50.00	-149.29
North : dp 402		47	31.79	114	3.21			3148.0	Mt	980000.00	980847.77	1.00	-107.37	1.08	0.00	-50.00	-149.26
North : dp 55		47	17.43	114	3.22			3210.0	Mt	980000.00	980826.18	1.00	-109.48	1.09	0.00	-50.00	-149.08
North : dp 133		47	23.95	114	3.23			2845.0	Mt	980000.00	980835.98	1.00	-97.03	1.00	0.00	-50.00	-157.11
North : dp 463		47	30.04	114	3.23			3107.0	Mt	980000.00	980845.14	1.00	-105.97	1.07	0.00	-50.00	-149.52
North : dp 8		48	0.33	114	3.24			3031.0	Mt	980560.51	980890.64	1.15	-103.38	1.05	0.00	-45.16	-148.44
North : dp 417		47	32.66	114	3.24			2970.0	Mt	980568.21	980895.05	1.11	-101.30	1.04	0.00	-47.60	-148.83
North : dp 442		47	35.27	114	3.52			3205.0	Mt	980000.00	980853.00	1.00	-109.31	1.09	0.00	-50.00	-147.22
North : dp 430		47	34.40	114	3.58			3274.0	Mt	980000.00	980851.69	1.00	-111.67	1.11	0.00	-50.00	-146.83
North : dp 401		47	31.80	114	3.69			3115.0	Mt	980000.00	980847.79	1.00	-106.24	1.07	0.00	-50.00	-148.24
North : dp 124		47	24.81	114	3.75			3057.0	Mt	980000.00	980837.27	1.00	-104.27	1.06	0.00	-50.00	-155.32
North : dp 123		47	25.25	114	3.75			3110.0	Mt	980000.00	980837.94	1.00	-106.07	1.07	0.00	-50.00	-154.49
North : dp 53		47	37.87	114	3.78			3211.0	Mt	980518.26	980856.91	4.57	-109.52	1.09	0.00	-36.76	-142.80
North : dp 31		47	43.94	114	3.78			2929.0	Mt	980542.68	980866.02	3.29	-99.90	1.03	0.00	-47.96	-145.60
North : dp 14		47	21.34	114	3.83			2941.0	Mt	980000.00	980832.06	1.00	-100.31	1.03	0.00	-50.00	-156.02
North : dp 5		47	22.21	114	3.83			2920.0	Mt	980000.00	980833.37	1.00	-99.59	1.02	0.00	-50.00	-157.74
North : dp 152		47	23.08	114	3.83			2866.0	Mt	980000.00	980834.68	1.00	-97.75	1.01	0.00	-50.00	-157.75
North : dp 134		47	23.94	114	3.83			2819.0	Mt	980000.00	980835.97	1.00	-96.15	1.00	0.00	-50.00	-156.96
North : dp 115		47	24.82	114	3.84			2872.0	Mt	980000.00	980837.30	1.00	-97.96	1.01	0.00	-50.00	-153.67
North : dp 450		47	36.14	114	3.87			3120.0	Mt	980000.00	980854.30	1.00	-106.41	1.07	0.00	-50.00	-146.93
North : su0075		47	4.36	114	4.01			3900.0	Mt	980414.85	980806.52	2.63	-133.02	1.24	0.00	-25.00	-156.63
North : 239		47	37.00	114	4.02			3156.0	Mt	980517.98	980855.60	4.83	-107.64	1.08	0.00	-40.89	-144.79
North : 6		48	1.76	114	4.02			3082.0	Mt	980560.58	980892.78	1.43	-105.12	1.06	0.00	-42.44	-147.20
North : 49		47	38.73	114	4.08			3232.0	Mt	980515.35	980858.20	3.53	-110.23	1.10	0.00	-38.98	-146.79
North : 46		47	39.62	114	4.08			3373.0	Mt	980503.74	980859.54	3.12	-115.04	1.13	0.00	-38.68	-151.73
North : 43		47	40.47	114	4.08			3131.0	Mt	980517.36	980860.81	3.32	-106.79	1.08	0.00	-49.08	-153.63
North : 36		47	41.33	114	4.08			2922.0	Mt	980530.75	980862.10	3.61	-99.66	1.02	0.00	-56.63	-153.70
North : dp 401		47	30.47	114	4.09			3054.0	Mt	980000.00	980845.78	1.00	-104.16	1.06	0.00	-50.00	-149.13
North : dp 400		47	31.80	114	4.16			3104.0	Mt	980000.00	980847.79	1.00	-105.87	1.07	0.00	-50.00	-149.41
North : dp 416		47	32.66	114	4.16			3155.0	Mt	980000.00	980849.08	1.00	-107.61	1.08	0.00	-50.00	-150.29

# ROUGHER GRAVITY DATA

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Wallace Cusmap Gravity  
Stations from 1974-1981  
Meter ID: 0-999 Date: 5-29-81

STATION		L U		C A T I		N N		G R A V I T Y		C O R R E C T I O N S		A N O M A L I E S	
IDENTIFICATION		LATITUDE		LONGITUDE		ELE		OBSERVED		TERRAIN		FREE	
proj	sta-id	deg	min	deg	min	deg	min	(in ft)	ST	THEORETICAL	BOUGUER	CURV	AIR
North :	dp429	47	34.40	114	4.16	3123.0	Mt	980000.00	980851.69	1.00	-106.52	1.07	0.00
North :	dp423	47	33.53	114	4.17	3151.0	Mt	980000.00	980850.38	1.00	-107.47	1.08	0.00
North :	dp431	47	34.61	114	4.17	3111.0	Mt	980000.00	980852.01	1.00	-106.11	1.07	0.00
North :	dp441	47	35.27	114	4.17	3120.0	Mt	980000.00	980853.00	1.00	-106.41	1.07	0.00
North :	dp451	47	35.70	114	4.18	3123.0	Mt	980000.00	980853.65	1.00	-106.52	1.07	0.00
North :	32	47	44.49	114	4.32	2985.0	Mt	980543.04	980866.85	2.40	-101.81	1.04	0.00
North :	27	47	45.63	114	4.38	2943.0	Mt	980550.77	980868.57	2.21	-100.38	1.03	0.00
North :	5	48	2.52	114	4.38	3050.0	Mt	980563.41	980893.93	0.89	-104.03	1.06	0.00
North :	7	48	0.73	114	4.44	2978.0	Mt	980565.61	980891.24	1.00	-101.57	1.04	0.00
North :	dp62	47	19.17	114	4.46	3012.0	Mt	980000.00	980828.80	1.00	-102.73	1.05	0.00
North :	dp58	47	17.87	114	4.47	3043.0	Mt	980000.00	980826.84	1.00	-103.79	1.05	0.00
North :	dp59	47	18.30	114	4.47	3019.0	Mt	980000.00	980827.48	1.00	-102.97	1.05	0.00
North :	dp61	47	18.73	114	4.47	3016.0	Mt	980000.00	980828.13	1.00	-102.87	1.05	0.00
North :	dp26	47	19.61	114	4.47	2993.0	Mt	980000.00	980829.45	1.00	-102.08	1.04	0.00
North :	dp27	47	20.48	114	4.47	2950.0	Mt	980000.00	980830.76	1.00	-100.62	1.03	0.00
North :	dp17	47	21.35	114	4.47	2906.0	Mt	980000.00	980832.07	1.00	-99.12	1.02	0.00
North :	dp18	47	21.78	114	4.47	2880.0	Mt	980000.00	980832.72	1.00	-98.23	1.01	0.00
North :	dp153	47	23.09	114	4.47	2823.0	Mt	980000.00	980834.69	1.00	-96.28	1.00	0.00
North :	sun0269	47	17.21	114	4.48	3092.0	Mt	980490.09	980825.84	2.10	-105.46	1.07	0.00
North :	dp4	47	22.21	114	4.48	2844.0	Mt	980000.00	980833.37	1.00	-97.00	1.00	0.00
North :	dp135	47	23.95	114	4.48	2793.0	Mt	980000.00	980835.98	1.00	-95.26	0.99	0.00
North :	dp114	47	24.62	114	4.48	2831.0	Mt	980000.00	980837.30	1.00	-96.56	1.00	0.00
North :	dp91	47	28.74	114	4.48	3039.0	Mt	980000.00	980843.19	1.00	-103.65	1.05	0.00
North :	dp460	47	30.48	114	4.48	3074.0	Mt	980000.00	980845.80	1.00	-104.85	1.06	0.00
North :	dp399	47	31.79	114	4.48	3128.0	Mt	980000.00	980847.77	1.00	-106.69	1.07	0.00
North :	dp469	47	15.25	114	4.49	4831.0	Mt	980000.00	980822.90	1.00	-164.77	1.39	0.00
North :	dp113	47	25.36	114	4.49	2966.0	Mt	980000.00	980838.11	1.00	-101.16	1.03	0.00
North :	dp112	47	25.69	114	4.49	3028.0	Mt	980000.00	980838.60	1.00	-103.28	1.05	0.00
North :	dp103	47	26.56	114	4.49	3060.0	Mt	980000.00	980839.91	1.00	-104.37	1.06	0.00
North :	dp459	47	30.90	114	4.49	3080.0	Mt	980000.00	980846.43	1.00	-105.05	1.06	0.00
North :	dp565	47	27.25	114	4.60	3068.0	Mt	980000.00	980840.95	1.00	-104.64	1.06	0.00
North :	3	48	3.90	114	4.80	2971.0	Mt	980568.11	980896.00	0.68	-101.33	1.04	0.00
North :	sun0070	46	55.25	114	4.81	3200.0	Mt	980428.86	980792.80	1.14	-109.14	1.09	0.00
North :	dp415	47	32.66	114	4.81	3099.0	Mt	980000.00	980849.08	1.00	-105.70	1.07	0.00
North :	dp452	47	36.13	114	4.81	3111.0	Mt	980000.00	980854.30	1.00	-106.11	1.07	0.00
North :	dp557	47	37.00	114	4.82	3125.0	Mt	980000.00	980855.60	1.00	-106.58	1.07	0.00
North :	sun0357	46	57.19	114	4.85	3405.0	Mt	980427.35	980795.72	1.29	-116.13	1.14	0.00
North :	sun0078	47	9.58	114	4.87	3100.0	Mt	980465.12	980814.37	2.50	-105.73	1.07	0.00
North :	33	47	44.55	114	4.98	3029.0	Mt	980539.51	980866.95	1.89	-103.31	1.05	0.00
North :	26	47	46.17	114	4.98	2922.0	Mt	980553.92	980869.38	1.89	-99.66	1.02	0.00

# BOUGUER GRAVITY DATA

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Wallace Cusmap Gravity  
Stations from 1974-1981  
Meter ID: d-909 Date: 5-29-81

STATION		LATITUDE		LONGITUDE		ELEVATION		GRAVITY		CORRECTIONS		ANOMALIES					
IDENTIFICATION	proj	deg	min	deg	min	deg	min	ft	ST	THEORETICAL	TERRAIN	BOUGUER	SPECIAL	FREE	COMPLETE	ROUGHER	SPEC

# ROUGHER GRAVITY DATA

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Wallace Rusman Gravity  
Stations from 1974-1981  
Header ID: d-999 Date: 5-29-81

STATION IDENTIFICATION	LATITUDE deg min	LONGITUDE deg min	C deg	A deg	T deg	I deg	N deg	S deg	G deg	R deg	A deg	V deg	I deg	T deg	C deg	O deg	R deg	E deg	C deg	T deg	I deg	O deg	N deg	S deg	FREE AIR	A N O M A L I E S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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proj	sta-id	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg

## BOUGUER GRAVITY DATA

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Wallace Cusmap Gravity  
Stations from 1974-1981  
Meter ID: d-999 Date: 5-29-81

STATION IDENTIFICATION		LATITUDE		C A T I O N S		GRAVITY		CORRECTIONS		ANOMALIES				
proj	sta-id	deg	min	LONGITUDE	EIE (in ft)	ST	OBSERVED	THEORETICAL	TERRAIN BOUGUER CURV	SPECIAL	FREE AIR	COMPLETE	ROUGHEN	SPEC FIELDS
		deg	min	deg	min							d1=2.67	d2=2.50	
North :	dp 89	47	30.25	114	7.05	3032.0	Mt	980845.46	1.00 -103.41	1.05	0.00	-50.00	-145.36	-150.00
North :	dp 455	47	30.90	114	7.05	3042.0	Mt	980846.43	1.00 -103.75	1.05	0.00	-50.00	-145.97	-150.00
North :	dp 88	47	29.60	114	7.06	3024.0	Mt	980844.48	1.00 -103.14	1.05	0.00	-50.00	-144.30	-150.00
North :	dp 394	47	31.75	114	7.08	3050.0	Mt	980847.71	1.00 -104.03	1.06	0.00	-50.00	-145.82	-150.00
North :	dp 411	47	32.66	114	7.09	3025.0	Mt	980849.08	1.00 -103.17	1.05	0.00	-50.00	-146.00	-150.00
North :	dp 84	47	28.31	114	7.18	3057.0	Mt	980842.54	1.00 -104.27	1.06	0.00	-50.00	-144.25	-150.00
North :	dp 40	47	40.92	114	7.20	3116.0	Mt	980861.49	1.14 -106.28	1.07	0.00	-40.50	-146.71	-137.96
North :	dp 561	47	37.00	114	7.21	3121.0	Mt	980855.60	1.00 -106.45	1.07	0.00	-50.00	-143.29	-150.00
North :	dp 1	47	36.12	114	7.25	3085.0	Mt	980854.28	1.00 -105.22	1.06	0.00	-50.00	-142.29	-150.00
North :	dp 439	47	35.26	114	7.32	3054.0	Mt	980852.99	1.00 -104.16	1.06	0.00	-50.00	-164.37	-150.00
North :	dp 438	47	34.83	114	7.35	3043.0	Mt	980852.34	1.00 -103.79	1.05	0.00	-50.00	-146.51	-150.00
North :	su00270	47	18.44	114	7.37	2935.0	Mt	980503.35	1.34 -100.10	1.03	0.00	-48.39	-148.18	-139.96
North :	su00072	46	58.92	114	7.38	3270.0	Mt	980798.32	1.82 -111.53	1.11	0.00	-52.95	-163.77	-154.64
North :	dp 436	47	34.21	114	7.38	3014.0	Mt	980851.41	1.00 -102.80	1.05	0.00	-50.00	-147.64	-150.00
North :	284	47	37.00	114	7.38	3130.0	Mt	980526.01	1.06 -106.75	1.08	0.00	-35.31	-142.08	-133.29
North :	rahloum	47	36.22	114	7.42	3085.0	Mt	980854.43	0.80 -105.22	1.06	0.00	-36.93	-142.41	-133.72
North :	su00073	47	0.18	114	7.51	3420.0	Mt	980438.20	2.37 -116.65	1.14	0.00	-40.47	-155.89	-146.38
North :	dp 65	47	22.22	114	7.66	2725.0	Mt	980833.38	1.00 -92.94	0.97	0.00	-50.00	-151.92	-150.00
North :	dp 66	47	21.36	114	7.67	2743.0	Mt	980832.09	1.00 -93.56	0.98	0.00	-50.00	-153.91	-150.00
North :	dp 208	47	23.08	114	7.67	2751.0	Mt	980834.68	1.00 -93.83	0.98	0.00	-50.00	-152.61	-150.00
North :	su00071	46	56.85	114	7.79	3250.0	Mt	980795.21	1.03 -110.85	1.10	0.00	-56.78	-167.70	-158.56
North :	267	47	47.44	114	7.80	2892.0	Mt	980558.62	1.80 -98.64	1.02	0.00	-40.76	-138.62	-130.55
North :	229	47	37.87	114	7.92	3207.0	Mt	980522.31	0.65 -109.38	1.09	0.00	-33.08	-142.90	-133.86
North :	dp 75	47	18.16	114	7.96	3009.0	Mt	980827.28	1.00 -102.63	1.05	0.00	-50.00	-143.98	-150.00
North :	dp 74	47	17.30	114	7.97	3190.0	Mt	980825.98	1.00 -108.80	1.09	0.00	-50.00	-143.84	-150.00
North :	279	47	37.00	114	7.98	3166.0	Mt	980525.44	0.71 -107.98	1.08	0.00	-32.50	-140.86	-131.93
North :	228	47	38.74	114	7.98	3191.1	Mt	980525.55	0.62 -108.84	1.09	0.00	-32.65	-141.95	-132.95
North :	227	47	39.61	114	7.98	3202.0	Mt	980522.17	0.60 -109.21	1.09	0.00	-36.30	-146.01	-136.97
North :	216	47	41.92	114	7.98	2895.0	Mt	980546.00	0.92 -98.74	1.02	0.00	-44.80	-143.64	-135.50
North :	dp 393	47	31.79	114	8.00	3009.0	Mt	980847.77	1.00 -102.63	1.05	0.00	-50.00	-141.54	-150.00
North :	dp 410	47	33.09	114	8.00	3015.0	Mt	980849.73	1.00 -102.83	1.05	0.00	-50.00	-144.58	-150.00
North :	dp 488	47	35.71	114	8.00	3097.0	Mt	980853.66	1.00 -105.63	1.07	0.00	-50.00	-143.01	-150.00
North :	dp 409	47	32.66	114	8.01	3010.0	Mt	980849.08	1.00 -102.66	1.05	0.00	-50.00	-142.83	-150.00
North :	dp 487	47	35.27	114	8.01	3048.0	Mt	980853.00	1.00 -103.96	1.06	0.00	-50.00	-144.71	-150.00
North :	dp 489	47	36.13	114	8.01	3119.0	Mt	980854.30	1.00 -106.38	1.07	0.00	-50.00	-141.49	-150.00
North :	217	47	40.48	114	8.16	3310.0	Mt	980515.69	0.61 -112.89	1.12	0.00	-33.94	-147.35	-138.00
North :	266	47	46.61	114	8.28	2964.0	Mt	980553.82	1.79 -101.09	1.03	0.00	-37.54	-137.88	-129.61
North :	dp 72	47	18.74	114	8.30	2975.0	Mt	980828.15	1.00 -101.47	1.04	0.00	-50.00	-143.96	-150.00
North :	dp 207	47	23.08	114	8.30	2768.0	Mt	980834.68	1.00 -94.41	0.98	0.00	-50.00	-153.45	-150.00
North :	dp 193	47	24.39	114	8.30	2929.0	Mt	980836.65	1.00 -99.90	1.03	0.00	-50.00	-152.04	-150.00

# BOUGUER GRAVITY DATA

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Wallace Rusman, Gravity  
Stations from 1974-1981  
Meter ID: d-999 Date: 5-29-81

STATION		L U C A T I O N S		G R A V I T Y		C O R R E C T I O N S		A N O M A L I E S							
IDENTIFICATION	proj	LATITUDE	LONGITUDE	ELEVATION	THEORETICAL	TERRAIN BOUGUER CURV	SPECIAL	FREE AIR	COMPLETE-BOUGUER	SPECIAL					
		deg min	deg min	(in ft)					d1=2.67 d2=2.50	FIELDS					
North :	dp 192	47 23.95	114	A.31	2887.0 Mt	980000.00	980835.98	1.00	-98.47	1.01	0.00	0.00	-50.00	-152.83	-150.00
North :	dp 194	47 24.83	114	A.31	2934.0 Mt	980000.00	980837.30	1.00	-100.07	1.03	0.00	0.00	-50.00	-151.15	-150.00
North :	dp 195	47 25.26	114	A.31	2933.0 Mt	980000.00	980837.95	1.00	-100.04	1.03	0.00	0.00	-50.00	-150.02	-150.00
North :	dp 160	47 25.69	114	A.31	2950.0 Mt	980000.00	980838.60	1.00	-100.62	1.03	0.00	0.00	-50.00	-149.53	-150.00
North :	dp 290	47 28.74	114	A.31	3057.0 Mt	980000.00	980843.19	1.00	-104.27	1.06	0.00	0.00	-50.00	-140.34	-150.00
North :	dp 71	47 19.18	114	A.32	2833.0 Mt	980000.00	980828.81	1.00	-96.63	1.00	0.00	0.00	-50.00	-147.68	-150.00
North :	dp 70	47 19.61	114	A.32	2783.0 Mt	980000.00	980829.45	1.00	-94.92	0.99	0.00	0.00	-50.00	-151.48	-150.00
North :	dp 60	47 19.83	114	A.32	2771.0 Mt	980000.00	980829.79	1.00	-94.51	0.98	0.00	0.00	-50.00	-153.00	-150.00
North :	dp 68	47 20.49	114	A.32	2750.0 Mt	980000.00	980830.78	1.00	-93.79	0.98	0.00	0.00	-50.00	-155.12	-150.00
North :	dp 293	47 27.44	114	A.32	3006.0 Mt	980000.00	980841.23	1.00	-102.53	1.04	0.00	0.00	-50.00	-142.00	-150.00
North :	dp 291	47 28.30	114	A.32	3032.0 Mt	980000.00	980842.52	1.00	-103.41	1.05	0.00	0.00	-50.00	-140.98	-150.00
North :	dp 464	47 30.91	114	A.32	3066.0 Mt	980000.00	980846.45	1.00	-104.57	1.06	0.00	0.00	-50.00	-142.59	-150.00
North :	dp 392	47 31.70	114	A.32	2975.0 Mt	980000.00	980847.77	1.00	-101.47	1.04	0.00	0.00	-50.00	-140.32	-150.00
North :	dp 297	47 26.56	114	A.33	3000.0 Mt	980000.00	980839.91	1.00	-102.32	1.04	0.00	0.00	-50.00	-145.02	-150.00
North :	235	47 37.88	114	A.46	2961.0 Mt	980544.69	980856.92	0.77	-100.99	1.03	0.00	0.00	-33.84	-135.10	-126.76
North :	265	47 46.05	114	A.46	2892.0 Mt	980557.47	980869.20	1.82	-98.64	1.02	0.00	0.00	-39.82	-137.66	-129.60
North :	dp 289	47 29.17	114	A.47	3039.0 Mt	980000.00	980843.84	1.00	-103.65	1.05	0.00	0.00	-50.00	-138.45	-150.00
North :	dp 73	47 18.31	114	A.60	2950.0 Mt	980000.00	980827.50	1.00	-100.62	1.03	0.00	0.00	-50.00	-143.93	-150.00
North :	dp 67	47 21.36	114	A.62	2722.0 Mt	980000.00	980832.09	1.00	-92.84	0.97	0.00	0.00	-50.00	-152.47	-150.00
North :	dp 490	47 36.14	114	A.65	3130.0 Mt	980000.00	980854.30	1.00	-106.76	1.08	0.00	0.00	-50.00	-141.80	-150.00
North :	su00081	47 13.73	114	A.84	2812.0 Mt	980499.50	980820.61	2.16	-95.91	1.00	0.00	0.00	-56.72	-151.46	-143.66
North :	dp 286	47 29.62	114	A.90	3143.0 Mt	980000.00	980844.51	1.00	-107.20	1.08	0.00	0.00	-50.00	-137.83	-150.00
North :	dp 204	47 22.22	114	A.94	2690.0 Mt	980000.00	980833.38	1.00	-91.75	0.96	0.00	0.00	-50.00	-151.00	-150.00
North :	dp 191	47 23.95	114	A.95	2903.0 Mt	980000.00	980835.98	1.00	-99.01	1.02	0.00	0.00	-50.00	-153.90	-150.00
North :	dp 391	47 31.70	114	A.96	2975.0 Mt	980000.00	980847.77	1.00	-101.47	1.04	0.00	0.00	-50.00	-139.93	-150.00
North :	su00129	47 9.34	114	A.97	4460.0 Mt	980400.37	980814.01	1.61	-152.12	1.34	0.00	0.00	5.65	-146.19	-133.68
North :	dp 285	47 29.17	114	A.98	3058.0 Mt	980000.00	980843.84	1.00	-104.30	1.06	0.00	0.00	-50.00	-138.62	-150.00
North :	dp 292	47 28.33	114	0.03	2909.0 Mt	980000.00	980842.57	1.00	-102.29	1.04	0.00	0.00	-50.00	-139.75	-150.00
North :	268	47 47.35	114	0.06	2897.0 Mt	980558.97	980871.16	1.99	-98.81	1.02	0.00	0.00	-39.80	-137.64	-129.58
North :	200	47 48.51	114	0.24	2892.0 Mt	980560.94	980872.89	1.60	-98.64	1.02	0.00	0.00	-40.05	-138.10	-130.02
North :	dp 407	47 32.22	114	0.28	3008.0 Mt	980000.00	980848.41	1.00	-102.59	1.05	0.00	0.00	-50.00	-137.61	-150.00
North :	dp 473	47 33.09	114	0.28	3043.0 Mt	980000.00	980849.73	1.00	-103.79	1.05	0.00	0.00	-50.00	-141.20	-150.00
North :	dp 474	47 33.53	114	0.28	3037.0 Mt	980000.00	980850.38	1.00	-103.58	1.05	0.00	0.00	-50.00	-141.93	-150.00
North :	dp 408	47 32.66	114	0.29	3000.0 Mt	980000.00	980849.08	1.00	-102.32	1.04	0.00	0.00	-50.00	-139.00	-150.00
North :	dp 485	47 34.41	114	0.29	3032.0 Mt	980000.00	980851.71	1.00	-103.41	1.05	0.00	0.00	-50.00	-141.75	-150.00
North :	dp 486	47 35.27	114	0.29	3087.0 Mt	980000.00	980853.00	1.00	-105.29	1.06	0.00	0.00	-50.00	-143.87	-150.00
North :	dp 491	47 36.15	114	0.30	3118.0 Mt	980000.00	980854.32	1.00	-106.35	1.07	0.00	0.00	-50.00	-142.71	-150.00
North :	280	47 37.01	114	0.30	3190.0 Mt	980523.85	980855.62	0.50	-108.80	1.09	0.00	0.00	-31.95	-141.24	-132.22
North :	230	47 38.97	114	0.30	3211.0 Mt	980526.52	980858.56	0.43	-109.52	1.09	0.00	0.00	-30.15	-140.33	-131.25
North :	226	47 39.62	114	0.30	3194.0 Mt	980526.32	980859.54	0.44	-108.94	1.09	0.00	0.00	-32.92	-142.51	-133.48

# ROUGHER GRAVITY DATA

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Wallace Cusmap Gravity  
Stations from 1974-1981  
Meter ID: d-999 Date: 5-29-81

STATION		L U C A T I O N S		G R A V I T Y		C O R R E C T I O N S		A N O M A L I E S	
IDENTIFICATION	LATITUDE	LONGITUDE	ELE	ST	URSERVED THEORETICAL	TERRAIN BOUGUER CURV	SPECIAL	FREF	COMPLTE ROUGHER
prol sta-id	deg min	deg min	(in ft)					AIR	d1=2.67 d2=2.50 FIELDS
North : su00128	47 6.15	114 9.38	4690.0	Mt	980383.53	980809.20	1.39	-159.96	1.37
North : 215	47 41.84	114 9.54	2896.0	Mt	980551.32	980862.88	0.75	-98.77	1.02
North : dp645	47 20.05	114 0.58	2811.0	Mt	980000.00	980830.12	1.00	-95.88	0.99
North : dp646	47 20.48	114 9.58	2736.0	Mt	980000.00	980830.76	1.00	-93.32	0.98
North : dp203	47 22.22	114 9.58	2723.0	Mt	980000.00	980833.38	1.00	-92.87	0.97
North : dp206	47 23.00	114 9.58	2783.0	Mt	980000.00	980834.69	1.00	-94.92	0.99
North : dp644	47 19.61	114 9.59	2675.0	Mt	980000.00	980829.45	1.00	-98.06	1.01
North : dp205	47 22.65	114 9.59	2741.0	Mt	980000.00	980834.03	1.00	-93.49	0.98
North : dp189	47 23.95	114 9.59	2894.0	Mt	980000.00	980835.98	1.00	-98.71	1.02
North : dp188	47 24.39	114 9.59	2923.0	Mt	980000.00	980836.65	1.00	-99.70	1.02
North : dp161	47 25.69	114 9.59	2923.0	Mt	980000.00	980838.60	1.00	-99.70	1.02
North : dp187	47 24.82	114 9.60	2919.0	Mt	980000.00	980837.30	1.00	-99.56	1.02
North : dp295	47 26.57	114 9.60	2932.0	Mt	980000.00	980839.92	1.00	-100.00	1.03
North : dp294	47 27.43	114 9.60	2976.0	Mt	980000.00	980841.22	1.00	-101.50	1.04
North : dp280	47 28.31	114 9.60	2975.0	Mt	980000.00	980842.54	1.00	-101.47	1.04
North : dp281	47 28.74	114 9.60	2985.0	Mt	980000.00	980843.19	1.00	-101.81	1.04
North : dp282	47 29.17	114 9.60	3112.0	Mt	980000.00	980843.84	1.00	-106.14	1.07
North : dp465	47 30.92	114 9.60	2992.0	Mt	980000.00	980846.46	1.00	-102.05	1.04
North : 218	47 40.76	114 9.60	3051.0	Mt	980545.40	980861.25	0.56	-104.06	1.06
North : dp287	47 29.82	114 9.61	3030.0	Mt	980000.00	980844.81	1.00	-103.34	1.05
North : dp390	47 31.79	114 9.61	3004.0	Mt	980000.00	980847.77	1.00	-102.46	1.04
North : dp472	47 17.63	114 9.62	3178.0	Mt	980000.00	980826.48	1.00	-108.39	1.09
North : dp653	47 41.72	114 9.76	2912.0	Mt	980000.00	980862.69	1.00	-99.32	1.02
North : dp288	47 30.03	114 9.83	2970.0	Mt	980000.00	980845.13	1.00	-101.30	1.04
North : su00264	47 20.71	114 9.92	2740.0	Mt	980519.97	980831.12	1.21	-93.45	0.98
North : dp475	47 33.53	114 9.93	3039.0	Mt	980000.00	980850.38	1.00	-103.65	1.05
North : dp492	47 36.14	114 9.94	3123.0	Mt	980000.00	980854.30	1.00	-106.52	1.07
North : dp296	47 26.53	114 10.10	2935.0	Mt	980000.00	980839.87	1.00	-100.10	1.03
North : su00082	47 14.82	114 10.14	2755.0	Mt	980509.14	980822.25	2.27	-93.96	0.98
North : 260	47 47.74	114 10.14	3017.0	Mt	980551.72	980871.74	1.83	-102.90	1.05
North : dp190	47 23.96	114 10.24	2884.0	Mt	980000.00	980835.99	1.00	-98.36	1.01
North : dp466	47 30.70	114 10.25	2970.0	Mt	980000.00	980846.13	1.00	-101.30	1.04
North : 211	47 44.90	114 10.26	3012.0	Mt	980551.54	980867.47	1.43	-102.73	1.05
North : 270	47 47.09	114 10.38	2958.0	Mt	980556.90	980870.76	2.34	-100.89	1.03
North : dp162	47 25.69	114 10.43	2927.0	Mt	980000.00	980838.60	1.00	-99.83	1.02
North : 245	47 55.66	114 10.50	3027.0	Mt	980558.06	980883.63	0.99	-103.24	1.05
North : dp647	47 21.14	114 10.56	2721.0	Mt	980000.00	980831.76	1.00	-92.81	0.97
North : dp200	47 23.08	114 10.56	2819.0	Mt	980000.00	980834.68	1.00	-96.15	1.00
North : 281	47 37.01	114 10.56	3188.0	Mt	980526.29	980855.62	0.33	-108.73	1.09
North : 231	47 38.97	114 10.56	3233.0	Mt	980527.78	980858.56	0.31	-110.27	1.10



# BOUGUER GRAVITY DATA

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Wallace Gusmap Gravity  
Stations from 1974-1981  
Meter ID: U-909 Date: 5-29-81

STATION	IDENTIFICATION	LONGITUDE	LATITUDE	ELEVATION	STATION	GRAVITY	TERRAIN	CORRECTION	BOUGUER	CURVATURE	SPECIAL	FREE AIR	ANOMALIES	SPECIAL
prof	sta-id	deg	min	sec	ft	mgals	ft	mgals	mgals	mgals	mgals	mgals	mgals	mgals
North	210	47	41.13	114	10.56	2936.0	Mt	980548.53	980861.80	0.74	-100.14	1.03	0.00	0.00
North	dp 384	47	31.79	114	10.57	3040.0	Mt	980000.00	980847.77	1.00	-103.69	1.05	0.00	0.00
North	dp 363	47	32.23	114	10.57	3069.0	Mt	980000.00	980848.44	1.00	-104.67	1.06	0.00	0.00
North	dp 476	47	33.54	114	10.57	3071.0	Mt	980000.00	980850.40	1.00	-104.74	1.06	0.00	0.00
North	dp 464	47	34.41	114	10.57	3058.0	Mt	980000.00	980851.71	1.00	-104.30	1.06	0.00	0.00
North	dp 382	47	32.65	114	10.58	3080.0	Mt	980000.00	980849.06	1.00	-105.05	1.06	0.00	0.00
North	dp 493	47	36.14	114	10.59	3115.0	Mt	980000.00	980854.30	1.00	-106.24	1.07	0.00	0.00
North	dp 501	47	37.45	114	10.59	3220.0	Mt	980000.00	980856.28	1.00	-109.82	1.10	0.00	0.00
North	212	47	44.12	114	10.62	2931.0	Mt	980552.99	980866.30	1.13	-99.97	1.03	0.00	0.00
North	214	47	43.12	114	10.68	2932.0	Mt	980552.70	980864.80	0.76	-100.00	1.03	0.00	0.00
North	213	47	43.98	114	10.68	2950.0	Mt	980551.47	980866.09	1.00	-100.62	1.03	0.00	0.00
North	246	47	54.92	114	10.80	3034.0	Mt	980558.29	980882.52	1.10	-103.48	1.05	0.00	0.00
North	dp 263	47	29.17	114	10.85	3061.0	Mt	980000.00	980843.84	1.00	-104.40	1.06	0.00	0.00
North	dp 201	47	22.65	114	10.86	2755.0	Mt	980000.00	980834.03	1.00	-93.97	0.98	0.00	0.00
North	dp 185	47	24.83	114	10.87	2900.0	Mt	980000.00	980837.30	1.00	-98.91	1.02	0.00	0.00
North	dp 184	47	24.09	114	10.88	2872.0	Mt	980000.00	980836.20	1.00	-97.96	1.01	0.00	0.00
North	dp 186	47	25.27	114	10.88	2912.0	Mt	980000.00	980837.97	1.00	-99.32	1.02	0.00	0.00
North	dp 163	47	25.69	114	10.88	2923.0	Mt	980000.00	980838.60	1.00	-99.70	1.02	0.00	0.00
North	dp 299	47	26.13	114	10.88	2932.0	Mt	980000.00	980839.26	1.00	-100.00	1.03	0.00	0.00
North	dp 298	47	26.57	114	10.88	2974.0	Mt	980000.00	980839.92	1.00	-99.73	1.02	0.00	0.00
North	dp 278	47	27.45	114	10.88	2942.0	Mt	980000.00	980841.24	1.00	-100.34	1.03	0.00	0.00
North	dp 279	47	28.31	114	10.89	3014.0	Mt	980000.00	980842.54	1.00	-102.80	1.05	0.00	0.00
North	dp 285	47	31.78	114	10.89	3032.0	Mt	980000.00	980847.76	1.00	-103.41	1.05	0.00	0.00
North	dp 300	47	27.01	114	10.90	2934.0	Mt	980000.00	980840.59	1.00	-100.07	1.03	0.00	0.00
North	dp 408	47	30.26	114	10.90	2974.0	Mt	980000.00	980845.47	1.00	-101.43	1.04	0.00	0.00
North	dp 284	47	29.88	114	10.91	2916.0	Mt	980000.00	980844.90	1.00	-99.46	1.02	0.00	0.00
North	su00127	47	4.38	114	10.93	4247.0	Mt	980396.59	980806.54	2.62	-104.85	1.30	0.00	0.00
North	su00063	47	16.75	114	10.99	2708.0	Mt	980518.11	980825.16	2.21	-92.36	0.97	0.00	0.00
North	271	47	48.61	114	11.10	3075.0	Mt	980549.78	980873.05	1.51	-104.88	1.06	0.00	0.00
North	su00263	47	19.09	114	11.18	4092.0	Mt	980440.14	980828.68	2.06	-139.57	1.28	0.00	0.00
North	su00360	46	55.72	114	11.19	3064.0	Mt	980451.67	980793.51	1.75	-104.50	1.06	0.00	0.00
North	dp 386	47	31.79	114	11.22	3025.0	Mt	980000.00	980847.77	1.00	-103.17	1.05	0.00	0.00
North	225	47	39.90	114	11.22	3221.0	Mt	980530.04	980859.96	0.37	-109.86	1.10	0.00	0.00
North	542	47	41.51	114	11.22	2951.0	Mt	980550.13	980862.38	0.58	-100.65	1.03	0.00	0.00
North	dp 500	47	37.40	114	11.24	3205.0	Mt	980000.00	980856.27	1.00	-109.31	1.09	0.00	0.00
North	su00254	47	13.46	114	11.36	2940.0	Mt	980496.69	980820.20	1.75	-100.27	1.03	0.00	0.00
North	dp 199	47	22.81	114	11.52	2761.0	Mt	980000.00	980834.27	1.00	-94.17	0.98	0.00	0.00
North	240	47	56.95	114	11.52	2994.0	Mt	980559.40	980885.57	1.33	-102.12	1.04	0.00	0.00
North	dp 467	47	30.70	114	11.54	2915.0	Mt	980000.00	980846.13	1.00	-99.42	1.02	0.00	0.00
North	dp 183	47	23.96	114	11.55	2889.0	Mt	980000.00	980835.99	1.00	-98.54	1.02	0.00	0.00

ANOMALIES  
COMPLETE BOUGUER  
d1=2.67 d2=2.50  
FIELDS

# RUIGUER GRAVITY DATA

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Wallace Cusmap Gravity  
Stations from 1974-1981  
Meter ID: d-909 Date: 5-29-81

STATION IDENTIFICATION	L U C A T I O N S LATITUDE deg min	LONGITUDE deg min	ELE (in ft)	ST	GRAVITY OBSERVED THEORETICAL	C O R R E C T I O N S		FREE AIR	A N O M A L I E S	
						FERRAIN BOUGUER CURV	SPECIAL		COMPLETE-BOUGUER	SPEC
prol	sta-id	deg min	deg min	(in ft)					dl=2.67	d2=2.50
North :	247	47 54.63	114 11.70	3004.0 Mt	980559.41	980882.09	0.86	-102.46	1.04	0.00
North :	su00359	46 57.91	114 11.79	3063.0 Mt	980451.57	980796.80	1.50	-104.47	1.06	0.00
North :	dp381	47 32.66	114 11.85	3068.0 Mt	980000.00	980849.08	1.00	-104.64	1.06	0.00
North :	dp387	47 31.79	114 11.86	3030.0 Mt	980000.00	980847.77	1.00	-103.34	1.05	0.00
North :	dp477	47 33.53	114 11.86	3060.0 Mt	980000.00	980850.38	1.00	-104.37	1.06	0.00
North :	dp483	47 34.40	114 11.86	3080.0 Mt	980000.00	980851.69	1.00	-105.05	1.06	0.00
North :	dp495	47 35.27	114 11.86	3087.0 Mt	980000.00	980853.00	1.00	-105.29	1.06	0.00
North :	dp494	47 36.14	114 11.87	3136.0 Mt	980000.00	980854.30	1.00	-106.96	1.08	0.00
North :	262	47 37.01	114 11.88	3147.0 Mt	980532.20	980855.62	0.25	-107.34	1.08	0.00
North :	237	47 37.88	114 11.88	3088.0 Mt	980536.43	980856.92	0.28	-105.32	1.06	0.00
North :	232	47 38.76	114 11.88	3250.0 Mt	980527.48	980858.25	0.23	-110.85	1.10	0.00
North :	224	47 39.64	114 11.88	3330.0 Mt	980523.13	980859.57	0.34	-113.58	1.12	0.00
North :	243	47 58.70	114 11.88	3133.0 Mt	980555.97	980888.19	1.70	-106.86	1.08	0.00
North :	506	47 43.11	114 11.94	2956.0 Mt	980551.18	980864.78	0.78	-100.82	1.03	0.00
North :	514	47 44.42	114 12.06	3288.0 Mt	980531.87	980866.75	0.77	-112.14	1.11	0.00
North :	dp388	47 31.23	114 12.10	2983.0 Mt	980000.00	980846.93	1.00	-101.74	1.04	0.00
North :	dp182	47 24.84	114 12.11	2893.0 Mt	980000.00	980837.32	1.00	-98.67	1.02	0.00
North :	dp164	47 25.70	114 12.11	2914.0 Mt	980000.00	980838.61	1.00	-99.39	1.02	0.00
North :	dp272	47 26.13	114 12.11	2919.0 Mt	980000.00	980839.26	1.00	-99.56	1.02	0.00
North :	dp273	47 27.00	114 12.11	2930.0 Mt	980000.00	980840.57	1.00	-99.93	1.03	0.00
North :	dp275	47 28.30	114 12.11	2965.0 Mt	980000.00	980842.52	1.00	-101.13	1.03	0.00
North :	dp276	47 29.17	114 12.11	3010.0 Mt	980000.00	980843.84	1.00	-102.66	1.05	0.00
North :	dp197	47 22.64	114 12.12	2738.0 Mt	980000.00	980834.01	1.00	-93.39	0.98	0.00
North :	dp196	47 23.08	114 12.12	2802.0 Mt	980000.00	980834.68	1.00	-95.57	0.99	0.00
North :	dp181	47 23.96	114 12.12	2894.0 Mt	980000.00	980835.99	1.00	-98.71	1.02	0.00
North :	dp274	47 27.43	114 12.12	2938.0 Mt	980000.00	980841.22	1.00	-100.21	1.03	0.00
North :	dp389	47 31.79	114 12.12	3020.0 Mt	980000.00	980847.77	1.00	-103.00	1.05	0.00
North :	dp198	47 22.22	114 12.13	2709.0 Mt	980000.00	980833.38	1.00	-92.40	0.97	0.00
North :	dp642	47 19.17	114 12.14	4884.0 Mt	980000.00	980828.80	1.00	-166.58	1.40	0.00
North :	dp496	47 35.27	114 12.73	3106.0 Mt	980000.00	980853.00	1.00	-105.94	1.07	0.00
North :	dp277	47 29.17	114 12.75	2981.0 Mt	980000.00	980843.84	1.00	-101.67	1.04	0.00
North :	dp165	47 25.70	114 12.76	2919.0 Mt	980000.00	980838.61	1.00	-99.56	1.02	0.00
North :	dp271	47 26.57	114 12.76	2924.0 Mt	980000.00	980839.92	1.00	-99.73	1.02	0.00
North :	249	47 53.26	114 12.78	2952.0 Mt	980564.50	980880.03	1.00	-100.68	1.03	0.00
North :	250	48 0.13	114 12.78	2943.0 Mt	980570.14	980890.34	1.40	-100.38	1.03	0.00
North :	su00256	47 11.25	114 12.81	3240.0 Mt	980473.43	980816.88	2.57	-110.51	1.10	0.00
North :	500	47 43.98	114 12.96	3109.0 Mt	980541.98	980866.09	0.85	-106.04	1.07	0.00
North :	248	47 54.12	114 13.08	3057.0 Mt	980558.68	980881.32	0.92	-104.26	1.06	0.00
North :	dp344	47 31.79	114 13.14	3039.0 Mt	980000.00	980847.77	1.00	-103.65	1.05	0.00
North :	dp345	47 32.23	114 13.14	3050.0 Mt	980000.00	980848.44	1.00	-104.03	1.06	0.00
North :	dp345	47 32.23	114 13.14	3050.0 Mt	980000.00	980848.44	1.00	-104.03	1.06	0.00

# ROUGHNER GRAVITY DATA

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Wallace Cusmap Gravity  
Stations from 1974-1981  
Meter ID: d-999 Date: 5-29-81

STATION IDENTIFICATION	L LATITUDE	C LONGITUDE	A deg	T min	I ELE	N ST	G OBSERVED	R THEORETICAL	C TERRAIN	R BOUGUER	E CURV	S SPECIAL	A FREE	N COMPLETE	M AIR	A COMPLETE	R BOUGUER	S SPEC
proj	sta-id	deg	min	deg	min	(in ft)												
North :	dp 346	47	32.66	114	13.15	3047.0 Mt	980000.00	980849.08	1.00	-103.92	1.05	0.00	-50.00	-139.36	-150.00			
North :	dp 478	47	33.53	114	13.15	3064.0 Mt	980000.00	980850.38	1.00	-104.50	1.06	0.00	-50.00	-140.05	-150.00			
North :	dp 482	47	34.40	114	13.15	3078.0 Mt	980000.00	980851.69	1.00	-104.98	1.06	0.00	-50.00	-137.84	-150.00			
North :	dp 497	47	35.28	114	13.15	3171.0 Mt	980000.00	980853.02	1.00	-108.15	1.08	0.00	-50.00	-135.02	-150.00			
North :	543	47	41.38	114	13.20	3239.0 Mt	980532.84	980862.19	0.43	-110.47	1.10	0.00	-24.81	-135.96	-126.80			
North :	250	47	52.58	114	13.20	3007.0 Mt	980560.76	980879.00	1.31	-102.56	1.04	0.00	-35.53	-137.83	-129.40			
North :	su00126	47	0.71	114	13.24	3045.0 Mt	980456.27	980801.02	2.16	-103.86	1.05	0.00	-58.45	-161.20	-152.73			
North :	236	47	37.89	114	13.26	2989.0 Mt	980544.26	980856.94	0.29	-101.95	1.04	0.00	-31.65	-134.35	-125.89			
North :	233	47	38.75	114	13.26	3107.0 Mt	980537.35	980858.23	0.20	-105.97	1.07	0.00	-28.76	-135.60	-126.80			
North :	223	47	39.63	114	13.26	3242.0 Mt	980529.91	980859.55	0.27	-110.57	1.10	0.00	-24.83	-136.24	-127.06			
North :	544	47	41.81	114	13.26	3292.0 Mt	980531.18	980862.83	0.46	-112.28	1.11	0.00	-22.14	-135.08	-125.77			
North :	503	47	43.11	114	13.26	3068.0 Mt	980546.57	980864.78	0.68	-104.64	1.06	0.00	-29.76	-134.78	-126.13			
North :	502	47	43.98	114	13.26	3118.0 Mt	980541.66	980866.09	0.85	-106.35	1.07	0.00	-31.27	-137.84	-129.06			
North :	515	47	44.85	114	13.26	3386.0 Mt	980527.74	980867.40	0.84	-115.49	1.13	0.00	-21.31	-137.09	-127.55			
North :	dp 479	47	33.54	114	13.33	3061.0 Mt	980000.00	980850.40	1.00	-104.40	1.06	0.00	-50.00	-139.58	-150.00			
North :	su00255	47	13.11	114	13.38	3033.0 Mt	980493.71	980819.68	2.22	-103.45	1.05	0.00	-40.80	-143.08	-134.65			
North :	dp 270	47	26.61	114	13.38	2925.0 Mt	980000.00	980839.98	1.00	-99.76	1.02	0.00	-50.00	-146.36	-150.00			
North :	dp 259	47	29.25	114	13.38	2955.0 Mt	980000.00	980843.95	1.00	-100.79	1.03	0.00	-50.00	-138.97	-150.00			
North :	257	48	2.32	114	13.38	2895.0 Mt	980574.86	980893.63	1.19	-98.74	1.02	0.00	-46.58	-145.15	-137.03			
North :	dp 178	47	25.26	114	13.39	2928.0 Mt	980000.00	980837.95	1.00	-99.87	1.03	0.00	-50.00	-150.07	-150.00			
North :	dp 166	47	25.70	114	13.39	2924.0 Mt	980000.00	980838.61	1.00	-99.73	1.02	0.00	-50.00	-149.35	-150.00			
North :	dp 209	47	23.09	114	13.40	2750.0 Mt	980000.00	980834.69	1.00	-93.79	0.98	0.00	-50.00	-145.34	-150.00			
North :	dp 180	47	23.95	114	13.40	2857.0 Mt	980000.00	980835.98	1.00	-97.44	1.01	0.00	-50.00	-147.55	-150.00			
North :	dp 179	47	24.40	114	13.40	2873.0 Mt	980000.00	980836.66	1.00	-97.99	1.01	0.00	-50.00	-147.33	-150.00			
North :	dp 177	47	24.84	114	13.40	2900.0 Mt	980000.00	980837.32	1.00	-98.91	1.02	0.00	-50.00	-148.76	-150.00			
North :	dp 263	47	27.45	114	13.40	2936.0 Mt	980000.00	980841.24	1.00	-100.14	1.03	0.00	-50.00	-142.11	-150.00			
North :	dp 260	47	29.82	114	13.40	2895.0 Mt	980000.00	980844.81	1.00	-98.74	1.02	0.00	-50.00	-142.47	-150.00			
North :	dp 261	47	28.31	114	13.41	2937.0 Mt	980000.00	980842.54	1.00	-100.17	1.03	0.00	-50.00	-138.48	-150.00			
North :	dp 343	47	31.50	114	13.41	3035.0 Mt	980000.00	980847.04	1.00	-103.52	1.05	0.00	-50.00	-137.34	-150.00			
North : lakeside	48	1.18		114	13.42	2910.0 Mt	980572.93	980891.92	0.93	-99.25	1.02	0.00	-45.39	-148.73	-136.55			
North :	713	48	1.43	114	13.48	2988.0 Mt	980573.86	980892.29	0.75	-101.91	1.04	0.00	-37.50	-139.71	-131.28			
North :	su00262	47	20.24	114	13.52	3650.0 Mt	980479.56	980830.40	1.25	-124.49	1.19	0.00	-7.68	-132.11	-121.86			
North :	261	47	48.46	114	13.56	2892.0 Mt	980564.61	980872.82	1.88	-98.64	1.02	0.00	-36.30	-134.08	-126.02			
North :	dp 258	47	30.21	114	13.75	2875.0 Mt	980000.00	980845.40	1.00	-98.06	1.01	0.00	-50.00	-139.79	-150.00			
North :	dp 342	47	32.23	114	13.78	3054.0 Mt	980000.00	980848.44	1.00	-104.16	1.06	0.00	-50.00	-135.78	-150.00			
North :	dp 347	47	32.66	114	13.78	3041.0 Mt	980000.00	980849.08	1.00	-103.72	1.05	0.00	-50.00	-137.19	-150.00			
North :	dp 498	47	35.72	114	13.81	3105.0 Mt	980000.00	980853.67	1.00	-108.97	1.09	0.00	-50.00	-134.07	-150.00			
North :	221	47	40.16	114	13.98	3189.0 Mt	980535.06	980860.34	0.36	-108.77	1.09	0.00	-25.46	-134.96	-125.94			
North :	516	47	44.85	114	13.98	3444.0 Mt	980526.84	980867.40	1.05	-117.46	1.15	0.00	-16.76	-134.32	-124.63			
North :	dp 269	47	26.57	114	14.02	2929.0 Mt	980000.00	980839.92	1.00	-99.90	1.03	0.00	-50.00	-145.03	-150.00			

Wallace Rusmap Gravity

Stations from 1974-1981

Meter ID: 4-999 Date: 5-29-81

## PUUGUER GRAVITY DATA

STATION IDENTIFICATION		LATITUDE		C A T I		N N S		GRAVITY		CORRECT I O N S		FREE		A N D M A L I E S			
proj	station	deg	min	deg	min	deg	min	ELE (in ft)	UNRSERVED	THEORETICAL	TERRAIN	BOUGUER	CURV	SPECIAL	COMPLETE_	ROUGHER	SPEC FIELDS
															d1=2.67	d2=2.50	
North :	dp167	47	25.70	114	14.03	2908.0	Mt	980000.00	980838.61	1.00	-99.18	1.02	0.00	-50.00	-147.29	-150.00	
North :	dp257	47	30.93	114	14.03	3053.0	Mt	980000.00	980846.48	1.00	-104.13	1.06	0.00	-50.00	-137.89	-150.00	
North :	dp176	47	24.83	114	14.04	2873.0	Mt	980000.00	980837.30	1.00	-97.99	1.01	0.00	-50.00	-145.05	-150.00	
North :	dp260	47	27.45	114	14.04	2953.0	Mt	980000.00	980841.24	1.00	-100.72	1.03	0.00	-50.00	-140.78	-150.00	
North :	dp341	47	27.36	114	14.04	3056.0	Mt	980000.00	980847.13	1.00	-104.23	1.06	0.00	-50.00	-136.08	-150.00	
North :	dp330	47	31.79	114	14.04	3059.0	Mt	980000.00	980847.77	1.00	-104.33	1.06	0.00	-50.00	-135.14	-150.00	
North :	dp262	47	28.31	114	14.06	2936.0	Mt	980000.00	980842.54	1.00	-100.14	1.03	0.00	-50.00	-136.69	-150.00	
North :	545	47	41.38	114	14.28	3220.0	Mt	980535.29	980862.19	0.42	-109.83	1.10	0.00	-24.15	-134.66	-125.55	
North :	262	47	47.25	114	14.34	3344.0	Mt	980536.60	980871.00	1.64	-114.05	1.13	0.00	-20.01	-133.55	-124.19	
North :	263	47	46.08	114	14.40	3528.0	Mt	980524.14	980869.24	1.60	-120.33	1.17	0.00	-13.42	-133.31	-123.43	
North :	dp348	47	32.67	114	14.42	3057.0	Mt	980000.00	980849.09	1.00	-104.27	1.06	0.00	-50.00	-135.55	-150.00	
North :	dp480	47	33.57	114	14.43	3060.0	Mt	980000.00	980850.38	1.00	-104.37	1.06	0.00	-50.00	-136.68	-150.00	
North :	dp481	47	34.41	114	14.44	3113.0	Mt	980000.00	980851.71	1.00	-106.18	1.07	0.00	-50.00	-134.37	-150.00	
North :	su00332	46	55.59	114	14.46	3329.0	Mt	980434.33	980793.31	2.61	-113.54	1.12	0.00	-45.99	-158.05	-148.81	
North :	283	47	37.00	114	14.46	2936.0	Mt	980546.48	980855.60	0.28	-100.14	1.03	0.00	-33.07	-133.96	-125.65	
North :	234	47	38.56	114	14.46	3026.0	Mt	980542.18	980857.95	0.21	-103.21	1.05	0.00	-31.26	-135.31	-126.74	
North :	222	47	39.62	114	14.46	3220.0	Mt	980530.82	980859.54	0.30	-109.83	1.10	0.00	-25.97	-136.59	-127.48	
North :	220	47	40.80	114	14.46	2704.0	Mt	980564.43	980861.31	1.00	-92.23	0.97	0.00	-42.65	-134.85	-127.25	
North :	508	47	43.11	114	14.46	3200.0	Mt	980539.12	980864.78	0.67	-109.14	1.09	0.00	-24.81	-134.37	-125.34	
North :	501	47	43.99	114	14.46	3219.0	Mt	980538.49	980866.09	0.90	-109.79	1.10	0.00	-24.95	-134.94	-125.88	
North :	255	48	4.37	114	14.52	2895.0	Mt	980577.37	980896.70	1.93	-98.74	1.02	0.00	-47.15	-144.98	-136.91	
North :	dp641	47	18.91	114	14.61	4558.0	Mt	980000.00	980828.41	1.00	-155.46	1.35	0.00	-50.00	-132.95	-150.00	
North :	dp210	47	22.79	114	14.67	2661.0	Mt	980000.00	980834.23	1.00	-90.76	0.95	0.00	-50.00	-144.61	-150.00	
North :	dp213	47	23.97	114	14.67	2789.0	Mt	980000.00	980836.02	1.00	-95.12	0.99	0.00	-50.00	-143.67	-150.00	
North :	dp175	47	24.84	114	14.67	2827.0	Mt	980000.00	980837.32	1.00	-96.42	1.00	0.00	-50.00	-146.41	-150.00	
North :	dp268	47	26.58	114	14.67	2934.0	Mt	980000.00	980839.94	1.00	-100.07	1.03	0.00	-50.00	-137.01	-150.00	
North :	dp265	47	27.45	114	14.67	2975.0	Mt	980000.00	980841.24	1.00	-101.47	1.04	0.00	-50.00	-136.64	-150.00	
North :	dp255	47	30.49	114	14.67	3043.0	Mt	980000.00	980845.82	1.00	-103.79	1.05	0.00	-50.00	-139.13	-150.00	
North :	dp256	47	30.92	114	14.67	3041.0	Mt	980000.00	980846.46	1.00	-103.72	1.05	0.00	-50.00	-138.55	-150.00	
North :	dp211	47	23.09	114	14.68	2668.0	Mt	980000.00	980834.69	1.00	-91.00	0.96	0.00	-50.00	-143.99	-150.00	
North :	dp212	47	24.39	114	14.68	2754.0	Mt	980000.00	980836.65	1.00	-93.93	0.98	0.00	-50.00	-142.93	-150.00	
North :	dp168	47	25.71	114	14.68	2907.0	Mt	980000.00	980838.63	1.00	-99.15	1.02	0.00	-50.00	-142.93	-150.00	
North :	dp254	47	30.05	114	14.68	2952.0	Mt	980000.00	980845.15	1.00	-100.68	1.03	0.00	-50.00	-139.47	-150.00	
North :	dp338	47	31.79	114	14.68	3019.0	Mt	980000.00	980847.77	1.00	-102.97	1.05	0.00	-50.00	-134.30	-150.00	
North :	dp267	47	27.01	114	14.69	2955.0	Mt	980000.00	980840.59	1.00	-100.79	1.03	0.00	-50.00	-136.72	-150.00	
North :	714	48	3.57	114	14.70	2970.0	Mt	980895.50	980895.50	0.75	-101.30	1.04	0.00	-44.69	-146.27	-137.90	
North :	701	48	4.78	114	14.68	3072.0	Mt	980562.96	980891.31	1.29	-104.78	1.06	0.00	-39.53	-144.08	-135.46	
North :	256	48	4.50	114	14.04	2893.0	Mt	980577.29	980896.90	4.41	-98.67	1.02	0.00	-47.61	-142.89	-135.04	
North :	dp622	47	30.00	114	15.00	2983.0	Mt	980000.00	980845.08	1.00	-101.74	1.04	0.00	-50.00	-123.78	-150.00	
North :	dk06	47	1.17	114	15.05	3038.0	Mt	980455.42	980801.71	2.68	-103.62	1.05	0.00	-60.65	-162.64	-154.24	

# BOUGUER GRAVITY DATA

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Wallace Gusmap Gravity  
Stations from 1974-1981  
Meter ID: d-999 Date: 5-29-81

STATION		L U C A T I O N S		G R A V I T Y		C O R R E C T I O N S		A N O M A L I E S	
IDENTIFICATION	LATITUDE	LONGITUDE	ELE	ST	THEORETICAL	TERRAIN BOUGUER CURV	SPECIAL	FREE AIR	COMPLTE ROUGHER SPEC
proj sta-id	deg min	deg min	(in ft)						d1=2.67 d2=2.50 FIELDS
North : su00140	47 6.68	114 15.09	6400.0	Mt	980264.18	980810.00	0.00	55.77	-157.38 -139.82
North : dp174	47 24.84	114 15.31	2806.0	Mt	980000.00	980837.32	0.00	-50.00	-142.50 -150.00
North : dp169	47 25.71	114 15.31	2877.0	Mt	980000.00	980838.63	0.00	-50.00	-138.38 -150.00
North : dp266	47 28.11	114 15.38	3405.0	Mt	980000.00	980842.24	0.00	-50.00	-133.01 -150.00
North : dp217	47 22.89	114 15.44	2605.0	Mt	980000.00	980834.39	0.00	-50.00	-138.72 -150.00
North : dp216	47 22.44	114 15.62	2559.0	Mt	980000.00	980833.71	0.00	-50.00	-139.88 -150.00
North : 757	48 3.58	114 15.63	3240.0	Mt	980557.07	980895.52	0.00	-33.83	-144.86 -135.71
North : dp215	47 24.01	114 15.65	3237.0	Mt	980000.00	980836.08	0.00	-50.00	-134.03 -150.00
North : su00257	47 9.63	114 15.69	4100.0	Mt	980420.64	980814.45	0.00	-8.35	-146.37 -135.00
North : dp340	47 32.66	114 15.71	3059.0	Mt	980000.00	980849.08	0.00	-50.00	-136.27 -150.00
North : dp353	47 33.53	114 15.71	3081.0	Mt	980000.00	980850.38	0.00	-50.00	-133.67 -150.00
North : dp350	47 32.23	114 15.72	3039.0	Mt	980000.00	980848.44	0.00	-50.00	-135.22 -150.00
North : 14	47 37.89	114 15.72	2945.0	Mt	980545.06	980856.94	0.00	-34.99	-136.23 -127.89
North : 16	47 38.21	114 15.72	3076.0	Mt	980540.07	980857.41	0.00	-28.15	-133.83 -125.12
North : 15	47 38.76	114 15.72	3004.0	Mt	980543.68	980858.25	0.00	-32.13	-135.41 -126.90
North : 546	47 41.36	114 15.72	3197.0	Mt	980534.68	980862.15	0.00	-26.89	-136.33 -127.31
North : 548	47 42.23	114 15.72	3273.0	Mt	980531.65	980863.46	0.00	-24.09	-136.13 -126.90
North : 505	47 43.11	114 15.72	3326.0	Mt	980529.34	980864.78	0.00	-22.74	-136.37 -127.00
North : 593	47 43.97	114 15.72	3414.0	Mt	980527.55	980866.07	0.00	-17.55	-134.17 -124.57
North : 596	47 45.65	114 15.72	3665.0	Mt	980514.52	980868.59	0.00	-9.51	-132.88 -122.71
North : 260	47 52.47	114 15.72	3058.0	Mt	980559.49	980878.84	0.00	-31.84	-135.67 -127.12
North : dp365	47 37.01	114 15.73	2896.0	Mt	980000.00	980855.62	0.00	-50.00	-134.29 -150.00
North : su00190	47 13.38	114 15.78	3520.0	Mt	980463.00	980820.09	0.00	-26.14	-145.13 -135.33
North : 587	47 47.22	114 15.90	4529.0	Mt	980461.12	980870.95	0.00	15.93	-130.20 -118.16
North : dp214	47 23.65	114 15.94	3090.0	Mt	980000.00	980835.53	0.00	-50.00	-133.03 -150.00
North : dp172	47 25.27	114 15.94	2856.0	Mt	980000.00	980837.97	0.00	-50.00	-137.95 -150.00
North : dp170	47 25.70	114 15.04	2913.0	Mt	980000.00	980838.61	0.00	-50.00	-137.14 -150.00
North : dp173	47 24.83	114 15.95	2836.0	Mt	980000.00	980837.30	0.00	-50.00	-137.77 -150.00
North : dp171	47 26.14	114 15.95	2935.0	Mt	980000.00	980839.28	0.00	-50.00	-134.69 -150.00
North : dp301	47 30.49	114 15.05	2904.0	Mt	980000.00	980845.82	0.00	-50.00	-140.10 -150.00
North : dp253	47 30.05	114 15.96	2899.0	Mt	980000.00	980845.15	0.00	-50.00	-140.02 -150.00
North : dp302	47 30.91	114 15.96	2919.0	Mt	980000.00	980846.45	0.00	-50.00	-139.69 -150.00
North : dp303	47 31.14	114 15.96	2915.0	Mt	980000.00	980846.80	0.00	-50.00	-138.31 -150.00
North : dp304	47 31.70	114 15.96	3038.0	Mt	980000.00	980847.77	0.00	-50.00	-136.80 -150.00
North : dp218	47 22.64	114 16.02	2572.0	Mt	980000.00	980834.05	0.00	-50.00	-137.61 -150.00
North : 547	47 41.36	114 16.02	3101.0	Mt	980536.16	980862.15	0.00	-25.97	-135.14 -126.15
North : 588	47 46.43	114 16.02	5176.0	Mt	980412.87	980869.77	0.00	29.67	-127.80 -114.83
North : su00380	46 58.46	114 16.16	3440.0	Mt	980432.96	980797.63	0.00	-41.25	-157.95 -148.33
North : dp354	47 34.04	114 16.24	3150.0	Mt	980000.00	980851.15	0.00	-50.00	-132.11 -150.00
North : 62	47 48.48	114 16.26	2946.0	Mt	980561.93	980872.85	0.00	-33.94	-133.54 -125.33

# ROUGHNER GRAVITY DATA

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Wallace Gusman Gravity  
Stations from 1974-1981  
Meter ID: d-999 Date: 5-29-81

STATION	LONGITUDE	LATITUDE	ALTITUDE	STATION	GRAVITY	TERRAIN	CORRECTION	SPECIAL	FREE	ANOMALIES	SPEC
proj	deg min	deg min	deg min	id	observed	theoretical	roughner	curvature	air	complete	fields
North : dp 304	47 37.01	114 16.37	2891.0	Mt	980000.00	980855.62	1.00	-98.60	1.02	-50.00	-137.49 -150.00
North : dp 305	47 52.14	114 16.44	2916.0	Mt	980568.88	980878.34	1.69	-99.46	1.02	-35.30	-134.09 -125.95
North : dp 306	47 19.88	114 16.45	2808.0	Mt	980000.00	980829.86	1.00	-95.77	0.99	-50.00	-131.69 -150.00
North : dp 307	47 50.83	114 16.50	2898.0	Mt	980569.76	980876.38	1.38	-98.84	1.02	-34.15	-132.63 -124.52
North : dp 308	47 18.75	114 16.58	2671.0	Mt	980000.00	980828.16	1.00	-91.10	0.96	-50.00	-130.00 -150.00
North : su00201	47 21.35	114 16.58	2530.0	Mt	980543.58	980832.07	1.25	-86.29	0.92	-50.62	-136.58 -129.49
North : dp 309	47 19.62	114 16.59	3007.0	Mt	980000.00	980829.47	1.00	-102.56	1.04	-50.00	-130.41 -150.00
North : dp 310	47 23.10	114 16.59	2651.0	Mt	980000.00	980834.70	1.00	-90.42	0.95	-50.00	-139.08 -150.00
North : dp 311	47 20.49	114 16.60	2633.0	Mt	980000.00	980830.78	1.00	-89.80	0.95	-50.00	-133.68 -150.00
North : dp 312	47 31.14	114 16.60	2929.0	Mt	980000.00	980846.80	1.00	-99.90	1.03	-50.00	-142.41 -150.00
North : dp 313	47 29.19	114 16.61	2804.0	Mt	980000.00	980843.86	1.00	-95.64	0.99	-50.00	-138.47 -150.00
North : dp 314	47 30.05	114 16.61	2876.0	Mt	980000.00	980845.15	1.00	-98.09	1.01	-50.00	-140.98 -150.00
North : dp 315	47 51.94	114 16.65	2917.0	Mt	980569.28	980878.10	0.5	-99.49	1.02	-34.57	-134.23 -126.02
North : dp 316	47 28.24	114 16.68	2560.0	Mt	980000.00	980842.44	1.00	-87.31	0.93	-50.00	-131.88 -150.00
North : dp 317	47 43.97	114 16.68	3463.0	Mt	980526.59	980866.07	1.21	-118.11	1.15	-13.90	-131.96 -122.23
North : 752	47 58.90	114 16.68	4640.0	Mt	980471.99	980888.50	3.26	-158.26	1.36	19.70	-136.67 -123.78
North : 551	47 40.93	114 16.80	3137.0	Mt	980541.41	980861.51	0.90	-106.99	1.08	-25.16	-132.33 -123.50
North : dp 351	47 32.23	114 16.99	3042.0	Mt	980000.00	980848.44	1.00	-103.75	1.05	-50.00	-137.15 -150.00
North : dp 352	47 32.66	114 16.99	3057.0	Mt	980000.00	980849.08	1.00	-104.27	1.06	-50.00	-137.64 -150.00
North : dp 353	47 33.35	114 16.99	3004.0	Mt	980000.00	980850.11	1.00	-102.46	1.04	-50.00	-133.69 -150.00
North : dp 354	47 34.40	114 16.99	2875.0	Mt	980000.00	980851.69	1.00	-98.06	1.01	-50.00	-133.58 -150.00
North : dp 355	47 31.79	114 17.00	3024.0	Mt	980000.00	980847.77	1.00	-103.14	1.05	-50.00	-139.06 -150.00
North : dp 356	47 35.27	114 17.00	2876.0	Mt	980000.00	980853.00	1.00	-98.09	1.01	-50.00	-134.64 -150.00
North : dp 357	47 36.38	114 17.00	2892.0	Mt	980000.00	980854.66	1.00	-98.64	1.02	-50.00	-133.99 -150.00
North : dp 358	47 33.96	114 17.01	2887.0	Mt	980000.00	980851.03	1.00	-98.47	1.01	-50.00	-135.77 -150.00
North : dp 359	47 34.79	114 17.01	2879.0	Mt	980000.00	980852.27	1.00	-98.19	1.01	-50.00	-132.84 -150.00
North : dp 360	47 36.08	114 17.01	2809.0	Mt	980000.00	980854.22	1.00	-95.81	0.99	-50.00	-134.39 -150.00
North : dp 361	47 27.99	114 17.04	2560.0	Mt	980000.00	980842.05	1.00	-87.31	0.93	-50.00	-132.62 -150.00
North : dp 362	47 37.09	114 17.04	2905.0	Mt	980544.17	980855.74	0.22	-99.08	1.02	-38.44	-138.32 -130.09
North : 13	47 37.92	114 17.04	2936.0	Mt	980545.16	980856.98	0.19	-100.14	1.03	-35.78	-136.75 -128.43
North : 552	47 40.22	114 17.04	3218.0	Mt	980535.39	980860.44	0.54	-109.76	1.10	-22.50	-132.81 -123.72
North : 553	47 41.36	114 17.04	3173.0	Mt	980539.54	980862.15	1.22	-108.22	1.09	-24.29	-132.38 -123.47
North : 549	47 42.23	114 17.04	3227.0	Mt	980534.11	980863.46	1.30	-110.06	1.10	-25.95	-135.82 -126.76
North : 595	47 43.10	114 17.04	3448.0	Mt	980525.23	980864.77	1.30	-117.60	1.15	-15.36	-132.81 -123.14
North : su00200	47 16.13	114 17.22	3307.0	Mt	980493.46	980874.22	1.92	-112.79	1.12	-19.84	-131.83 -122.60
North : dp 220	47 23.10	114 17.22	2670.0	Mt	980000.00	980834.70	1.00	-91.07	0.96	-50.00	-139.73 -150.00
North : dp 221	47 23.54	114 17.22	2681.0	Mt	980000.00	980835.37	1.00	-91.44	0.96	-50.00	-138.93 -150.00
North : dp 222	47 22.67	114 17.24	2672.0	Mt	980000.00	980834.05	1.00	-91.13	0.96	-50.00	-139.60 -150.00
North : dp 223	47 23.97	114 17.24	2688.0	Mt	980000.00	980836.02	1.00	-91.68	0.96	-50.00	-133.85 -150.00
North : dp 224	47 31.78	114 17.24	3021.0	Mt	980000.00	980847.76	1.00	-103.04	1.05	-50.00	-139.56 -150.00

# ROUGHNER GRAVITY DATA

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Wallace Rusmap Gravity  
Stations from 1974-1981  
Meter ID: d-909 Date: 5-29-81

STATION IDENTIFICATION proj sta-id	LATITUDE deg min	LONGITUDE deg min	ELEVATION (in ft)	G P A V I T Y OBSERVED	TERRAIN BOUGUER	C O R R E C T I O N S			FREE AIR	A N O M A L I E S	
						SPECIAL	CURV	SPECIAL		COMPLIE	SPEC FIELDS
North : dp 252	47 30.05	114 17.25	2867.0 Mt	980800.00	980845.15	1.00	-97.79	1.01	0.00	-50.00	-142.92 -150.00
North : dp 309	47 30.92	114 17.25	2914.0 Mt	980800.00	980846.46	1.00	-99.39	1.02	0.00	-50.00	-143.85 -150.00
North : dp 307	47 31.14	114 17.25	2939.0 Mt	980800.00	980846.80	1.00	-100.24	1.03	0.00	-50.00	-143.76 -150.00
North : 556	47 39.49	114 17.28	2739.0 Mt	980562.82	980859.34	0.66	-93.42	0.98	0.00	-39.00	-132.73 -125.01
North : dk05	47 1.51	114 17.33	3026.0 Mt	980455.34	980802.23	3.48	-103.21	1.05	0.00	-62.37	-163.15 -154.85
North : 61	47 47.98	114 17.40	2892.0 Mt	980564.92	980872.10	2.38	-98.64	1.02	0.00	-35.27	-132.54 -124.53
North : su00189	47 14.13	114 17.55	3900.0 Mt	980442.85	980821.21	2.34	-133.02	1.24	0.00	-11.70	-143.62 -132.75
North : 702	48 0.95	114 17.56	3652.0 Mt	980530.88	980891.57	0.90	-124.56	1.19	0.00	-17.35	-142.20 -131.91
North : dp 649	47 19.43	114 17.60	2544.0 Mt	980800.00	980829.18	1.00	-86.77	0.92	0.00	-50.00	-134.97 -150.00
North : 751	47 58.17	114 17.60	4570.0 Mt	980475.94	980887.40	4.51	-155.87	1.35	0.00	18.16	-134.55 -121.97
North : dp 371	47 35.92	114 17.66	2867.0 Mt	980800.00	980853.98	1.00	-97.79	1.01	0.00	-50.00	-138.99 -150.00
North : dp 366	47 37.00	114 17.67	2888.0 Mt	980800.00	980855.60	1.00	-98.50	1.01	0.00	-50.00	-139.36 -150.00
North : dp 358	47 34.40	114 17.70	2862.0 Mt	980800.00	980851.69	1.00	-97.61	1.01	0.00	-50.00	-139.14 -150.00
North : dp 650	47 18.72	114 17.73	2538.0 Mt	980800.00	980828.12	1.00	-86.56	0.92	0.00	-50.00	-134.48 -150.00
North : 553	47 40.18	114 17.82	2950.0 Mt	980551.42	980860.38	0.71	-100.62	1.03	0.00	-31.60	-132.54 -124.22
North : su00080	47 18.67	114 17.84	2540.0 Mt	980539.72	980828.05	2.13	-86.63	0.92	0.00	-49.50	-134.93 -127.89
North : dp 221	47 23.09	114 17.86	2675.0 Mt	980800.00	980834.69	1.00	-91.24	0.96	0.00	-50.00	-137.21 -150.00
North : dp 224	47 23.97	114 17.87	2702.0 Mt	980800.00	980836.02	1.00	-92.16	0.97	0.00	-50.00	-136.89 -150.00
North : dp 246	47 27.01	114 17.87	2688.0 Mt	980800.00	980840.59	1.00	-91.68	0.96	0.00	-50.00	-133.04 -150.00
North : dp 225	47 24.40	114 17.88	2715.0 Mt	980800.00	980836.66	1.00	-92.60	0.97	0.00	-50.00	-131.49 -150.00
North : dp 310	47 30.92	114 17.88	2916.0 Mt	980800.00	980846.46	1.00	-99.46	1.02	0.00	-50.00	-142.58 -150.00
North : 696	47 53.27	114 17.88	3142.0 Mt	980556.53	980880.04	1.33	-107.16	1.08	0.00	-28.10	-135.02 -126.21
North : su00258	47 9.54	114 17.90	5840.0 Mt	980315.30	980814.30	4.38	-199.18	1.49	0.00	49.96	-146.33 -130.16
North : dp 370	47 36.35	114 17.97	2853.0 Mt	980800.00	980854.63	1.00	-97.31	1.01	0.00	-50.00	-139.53 -150.00
North : 703	48 0.09	114 17.99	3896.0 Mt	980517.00	980890.28	1.94	-132.88	1.24	0.00	-7.01	-139.19 -128.30
North : dp 247	47 27.45	114 18.02	2707.0 Mt	980800.00	980841.24	1.00	-92.33	0.97	0.00	-50.00	-136.54 -150.00
North : 555	47 39.96	114 18.18	2700.0 Mt	980566.18	980860.05	0.97	-92.09	0.97	0.00	-40.01	-132.10 -124.51
North : dp 231	47 22.67	114 18.19	2674.0 Mt	980800.00	980834.05	1.00	-91.20	0.96	0.00	-50.00	-134.53 -150.00
North : dp 375	47 31.79	114 18.27	2970.0 Mt	980800.00	980847.77	1.00	-101.30	1.04	0.00	-50.00	-141.55 -150.00
North : dp 372	47 32.66	114 18.27	2958.0 Mt	980800.00	980849.08	1.00	-100.89	1.03	0.00	-50.00	-139.22 -150.00
North : dp 373	47 33.52	114 18.28	2870.0 Mt	980800.00	980850.38	1.00	-97.89	1.01	0.00	-50.00	-139.83 -150.00
North : 391	47 37.09	114 18.30	2868.0 Mt	980543.16	980855.74	0.22	-97.82	1.01	0.00	-42.92	-141.53 -133.40
North : 12	47 38.10	114 18.30	2905.0 Mt	980546.19	980857.26	0.19	-99.08	1.02	0.00	-37.94	-137.85 -123.62
North : 609	47 41.04	114 18.30	2967.0 Mt	980552.70	980861.67	1.41	-101.20	1.03	0.00	-30.01	-130.83 -122.53
North : 509	47 46.60	114 18.30	3132.0 Mt	980548.92	980870.03	2.82	-106.82	1.08	0.00	-26.64	-131.72 -123.06
North : 508	47 47.48	114 18.30	3033.0 Mt	980556.65	980871.29	2.45	-103.45	1.05	0.00	-29.48	-131.53 -123.12
North : 507	47 47.88	114 18.30	2941.0 Mt	980562.90	980871.95	2.24	-100.31	1.03	0.00	-32.54	-131.63 -123.47
North : dp 240	47 25.70	114 18.51	2639.0 Mt	980800.00	980838.61	1.00	-90.01	0.95	0.00	-50.00	-131.29 -150.00
North : dp 242	47 26.14	114 18.51	2643.0 Mt	980800.00	980839.28	1.00	-90.15	0.95	0.00	-50.00	-132.59 -150.00
North : dp 243	47 26.59	114 18.51	2682.0 Mt	980800.00	980839.95	1.00	-91.48	0.96	0.00	-50.00	-135.95 -150.00

# RUIQUER GRAVITY DATA

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Wallace Rusmap Gravity  
Stations from 1974-1981  
Meter ID: d-909 Date: 5-29-81

STATION IDENTIFICATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION (in ft)	GRAVITY OBSERVED THEORETICAL	CORRECTIONS			ANOMALIES		
					FREE	BOUGUER	SPECIAL	COMPLETE	BOUGUER	SPECIAL
prof	sta-id	lat	lon	ele	air	d1=2.67	d2=2.50	fields		
North	dp 245	47 27.45	114 18.51	2698.0 Mt	980000.00	980841.24	1.00	-92.02	0.96	0.00
North	770	47 4.90	114 18.51	4420.0 Mt	980490.50	980897.50	1.04	-150.75	1.33	0.00
North	dp 311	47 30.92	114 18.52	2895.0 Mt	980000.00	980846.46	1.00	-98.74	1.02	0.00
North	dp 311	47 29.17	114 18.53	2851.0 Mt	980000.00	980843.84	1.00	-97.24	1.01	0.00
North	dp 313	47 29.89	114 18.53	2583.0 Mt	980000.00	980844.91	1.00	-88.10	0.93	0.00
North	dp 312	47 30.48	114 18.53	2860.0 Mt	980000.00	980845.80	1.00	-97.55	1.01	0.00
North	dp 376	47 31.78	114 18.53	2961.0 Mt	980000.00	980847.76	1.00	-100.99	1.03	0.00
North	dp 651	47 19.38	114 18.78	2511.0 Mt	980000.00	980829.11	1.00	-85.64	0.91	0.00
North	dp 317	47 29.48	114 18.78	2746.0 Mt	980000.00	980844.30	1.00	-93.66	0.98	0.00
North	dp 226	47 24.61	114 18.81	2618.0 Mt	980000.00	980836.98	1.00	-89.29	0.94	0.00
North	dp 228	47 23.53	114 18.82	2612.0 Mt	980000.00	980835.35	1.00	-89.09	0.94	0.00
North	dp 241	47 25.27	114 18.82	2635.0 Mt	980000.00	980837.97	1.00	-89.87	0.95	0.00
North	dp 230	47 22.67	114 18.83	2563.0 Mt	980000.00	980834.05	1.00	-87.42	0.93	0.00
North	dp 229	47 23.10	114 18.83	2562.0 Mt	980000.00	980834.70	1.00	-87.38	0.93	0.00
North	dp 227	47 23.97	114 18.83	2611.0 Mt	980000.00	980836.02	1.00	-89.05	0.94	0.00
North	704	47 59.21	114 18.83	4170.0 Mt	980499.35	980888.95	4.56	-142.23	1.29	0.00
North	dp 374	47 32.65	114 18.90	2902.0 Mt	980000.00	980849.06	1.00	-98.94	1.02	0.00
North	598	47 43.30	114 18.90	3635.0 Mt	980516.03	980865.07	1.81	-123.98	1.19	0.00
North	510	47 46.56	114 18.90	3166.0 Mt	980546.85	980869.97	2.79	-107.98	1.08	0.00
North	554	47 51.44	114 18.96	3395.0 Mt	980541.21	980877.29	1.88	-115.79	1.14	0.00
North	531	47 51.99	114 18.96	2988.0 Mt	980567.63	980878.12	2.08	-100.55	1.03	0.00
North	557	47 39.39	114 19.08	2684.0 Mt	980560.63	980859.20	0.72	-91.54	0.96	0.00
North	dp 314	47 29.76	114 19.09	2587.0 Mt	980000.00	980844.72	1.00	-88.24	0.93	0.00
North	dp 652	47 18.50	114 19.14	2665.0 Mt	980000.00	980827.84	1.00	-90.90	0.96	0.00
North	dp 335	47 20.07	114 19.14	2610.0 Mt	980000.00	980830.15	1.00	-89.02	0.94	0.00
North	dp 316	47 29.64	114 19.14	2602.0 Mt	980000.00	980844.54	1.00	-88.75	0.94	0.00
North	597	47 43.96	114 19.14	3503.0 Mt	980524.05	980866.06	1.16	-119.48	1.16	0.00
North	dp 239	47 25.72	114 19.15	2615.0 Mt	980000.00	980838.65	1.00	-89.19	0.94	0.00
North	698	47 51.92	114 19.15	3284.0 Mt	980548.91	980878.02	1.29	-112.01	1.11	0.00
North	517	47 45.75	114 19.20	3534.0 Mt	980524.23	980868.75	1.40	-120.53	1.17	0.00
North	750	47 57.21	114 19.20	3966.0 Mt	980511.56	980885.96	2.60	-135.27	1.25	0.00
North	511	47 38.10	114 19.26	2881.0 Mt	980542.97	980857.26	0.26	-98.26	1.01	0.00
North	su00139	47 7.81	114 19.33	6160.0 Mt	980293.00	980811.70	4.75	-210.10	1.50	0.00
North	ed004	47 1.85	114 19.40	3015.0 Mt	980459.29	980802.73	3.88	-102.83	1.05	0.00
North	10	47 38.73	114 19.44	2704.0 Mt	980554.46	980858.20	0.53	-92.23	0.97	0.00
North	608	47 41.34	114 19.44	2950.0 Mt	980553.47	980862.13	1.31	-100.62	1.03	0.00
North	749	47 56.17	114 19.49	3558.0 Mt	980534.72	980884.40	1.44	-121.35	1.17	0.00
North	573	47 50.71	114 19.50	3364.0 Mt	980543.09	980876.20	1.81	-114.74	1.13	0.00
North	su00381	46 58.06	114 19.54	3831.0 Mt	980408.05	980797.03	2.18	-130.66	1.23	0.00
North	dp 378	47 31.79	114 19.55	2876.0 Mt	980000.00	980847.77	1.00	-98.09	1.01	0.00



Meter ID: 1-909 Date: 5-29-81

STATION	ELEVATION	LATITUDE	LONGITUDE	C A T I O N S	GRAVITY	TERRAIN	CORRECTION		SPECIAL	FREE AIR	ANOMALIES		
							BOUGUER	CURV			COMPLIE	BOUGUER	SPEC
PROJ	STATION	deg	min	deg	min	(in ft)					di=2.67	d2=2.50	
North :	dp 377	47 32.22	114 19.56	2862.0	Mt	980848.41	1.00	-97.61	1.01	0.00	-50.00	-140.97	
	North :	511	47 46.56	114 19.56	3439.0	Mt	980869.97	2.56	-117.29	1.15	0.00	-15.94	
	North :	dp 368	47 37.00	114 19.61	2858.0	Mt	980855.60	1.00	-97.48	1.01	0.00	-50.00	
	North :	519	47 45.26	114 19.62	3687.0	Mt	980868.01	1.18	-125.75	1.20	0.00	-6.42	
North :	60	47 48.85	114 19.62	2983.0	Mt	980873.41	1.83	-101.74	1.04	0.00	-29.94	-130.89	
	North :	530	47 50.21	114 19.62	2977.0	Mt	980875.45	1.81	-101.54	1.04	0.00	-30.31	
	North :	dp 237	47 25.27	114 19.73	2589.0	Mt	980837.97	1.00	-88.30	0.94	0.00	-50.00	
	North :	dp 233	47 23.10	114 19.74	2547.0	Mt	980834.70	1.00	-86.87	0.92	0.00	-50.00	
North :	dp 236	47 24.63	114 19.74	2591.0	Mt	980837.01	1.00	-88.37	0.94	0.00	-50.00	-136.39	
	North :	dp 238	47 25.71	114 19.74	2620.0	Mt	980838.63	1.00	-89.36	0.94	0.00	-50.00	
	North :	dp 244	47 26.58	114 19.74	2644.0	Mt	980839.94	1.00	-90.18	0.95	0.00	-50.00	
	North :	dp 315	47 29.56	114 19.74	2581.0	Mt	980844.42	1.00	-88.03	0.93	0.00	-50.00	
North :	dp 234	47 23.97	114 19.75	2576.0	Mt	980836.02	1.00	-87.86	0.93	0.00	-50.00	-136.28	
	North :	dp 379	47 31.78	114 19.75	2866.0	Mt	980847.76	1.00	-97.75	1.01	0.00	-50.00	
	North :	dp 332	47 21.36	114 19.76	2653.0	Mt	980832.09	1.00	-90.49	0.95	0.00	-50.00	
	North :	dp 319	47 28.24	114 19.78	2755.0	Mt	980842.44	1.00	-93.97	0.96	0.00	-50.00	
North :	dp 334	47 19.97	114 19.81	2679.0	Mt	980829.99	1.00	-91.37	0.98	0.00	-50.00	-128.92	
	North :	695	47 53.11	114 19.81	3238.0	Mt	980879.80	1.09	-110.44	1.10	0.00	-22.41	
	North :	771	48 4.88	114 19.86	4320.0	Mt	980897.47	0.77	-147.34	1.32	0.00	3.61	
	North :	su00141	47 4.17	114 19.90	3300.0	Mt	980806.23	2.80	-112.55	1.12	0.00	-44.52	
North :	685	47 59.38	114 19.95	4961.0	Mt	980889.22	4.18	-169.20	1.41	0.00	31.64	-134.79	
	North :	dp 321	47 27.08	114 20.02	2647.0	Mt	980840.69	1.00	-90.28	0.95	0.00	-50.00	
	North :	dp 320	47 27.81	114 20.04	2773.0	Mt	980841.79	1.00	-94.58	0.98	0.00	-50.00	
	North :	su00259	47 11.03	114 20.11	5890.0	Mt	980816.55	3.93	-200.89	1.49	0.00	53.82	
North :	694	47 54.30	114 20.19	3269.0	Mt	98081.59	0.97	-111.50	1.11	0.00	-24.18	-135.82	
	North :	dp 505	47 29.38	114 20.24	2730.0	Mt	980844.15	1.00	-93.11	0.97	0.00	-50.00	
	North :	dp 336	47 20.36	114 20.29	2752.0	Mt	980830.58	1.00	-93.86	0.98	0.00	-50.00	
	North :	dp 235	47 23.97	114 20.37	2573.0	Mt	980836.02	1.00	-87.76	0.93	0.00	-50.00	
North :	dp 369	47 36.86	114 20.40	2807.0	Mt	980855.39	1.00	-95.74	0.99	0.00	-50.00	-145.14	
	North :	558	47 39.11	114 20.40	2652.0	Mt	980858.77	0.73	-90.45	0.95	0.00	-54.40	
	North :	dp 328	47 22.31	114 20.44	2646.0	Mt	980833.52	1.00	-90.25	0.95	0.00	-50.00	
	North :	693	47 55.13	114 20.48	3486.0	Mt	980842.83	0.95	-118.90	1.16	0.00	-14.17	
North :	dp 322	47 26.23	114 20.63	2591.0	Mt	980839.41	1.00	-88.37	0.94	0.00	-50.00	-128.77	
	North :	753	47 57.42	114 20.63	3770.0	Mt	980846.27	3.60	-128.58	1.22	0.00	-8.62	
	North :	dp 323	47 25.59	114 20.64	2578.0	Mt	980838.45	1.00	-87.93	0.93	0.00	-50.00	
	North :	9	47 36.90	114 20.70	2651.0	Mt	980858.45	0.79	-90.42	0.95	0.00	-56.00	
North :	dp 333	47 20.80	114 20.73	2744.0	Mt	980831.30	1.00	-93.59	0.98	0.00	-50.00	-128.44	
	North :	700	47 50.03	114 20.78	2935.0	Mt	980875.17	1.29	-100.10	1.03	0.00	-33.06	
	North :	528	47 43.80	114 20.82	3388.0	Mt	980530.41	1.41	-115.55	1.14	0.00	-16.48	
	North :	59	47 49.17	114 20.82	2918.0	Mt	980566.59	2.13	-99.52	1.02	0.00	-32.94	
North :	59	47 49.17	114 20.82	2918.0	Mt	980566.59	2.13	-99.52	1.02	0.00	-32.94	-131.36	
	North :	59	47 49.17	114 20.82	2918.0	Mt	980566.59	2.13	-99.52	1.02	0.00	-32.94	-131.36
	North :	59	47 49.17	114 20.82	2918.0	Mt	980566.59	2.13	-99.52	1.02	0.00	-32.94	-131.36
	North :	59	47 49.17	114 20.82	2918.0	Mt	980566.59	2.13	-99.52	1.02	0.00	-32.94	-131.36

Wallace Gusmap Gravity  
 Stations from 1974-1981  
 Meter ID: d-999 Date: 5-29-81

# ROUGHNER GRAVITY DATA

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STATION IDENTIFICATION		LATITUDE		LONGITUDE		ELEVATION		GRAVITY		CORRECTIONS		FREE AIR		ANOMALIES		SPECIAL		SPEC FIELDS	
STATION	IDENTIFICATION	lat	lon	deg	min	sec	ft	observed	theoretical	terrain	Bouguer	curvature	special	free air	anomaly	complete	roughner	spec	fields
North :	dp 327	47 22.71	114 20.86	2685.0	Mt			980000.00	980834.12	1.00	-91.58	0.96	0.00	-50.00	-127.76	-150.00			
North :	dp 331	47 21.43	114 20.88	2716.0	Mt			980000.00	980832.20	1.00	-92.63	0.97	0.00	-50.00	-128.47	-150.00			
North :	dp 324	47 24.84	114 20.88	2591.0	Mt			980000.00	980837.32	1.00	-88.37	0.94	0.00	-50.00	-132.77	-150.00			
North :	535	47 40.46	114 20.88	2894.0	Mt			980548.27	980860.80	0.81	-98.71	1.02	0.00	-40.43	-139.34	-131.19			
North :	534	47 41.34	114 20.88	2909.0	Mt			980553.97	980862.13	1.06	-99.22	1.02	0.00	-34.65	-133.83	-125.65			
North :	533	47 42.21	114 20.88	2927.0	Mt			980554.42	980863.43	1.23	-99.83	1.02	0.00	-33.81	-133.44	-125.23			
North :	510	47 43.07	114 20.88	3098.0	Mt			980546.04	980864.72	1.29	-105.66	1.07	0.00	-27.41	-132.85	-124.17			
North :	su0061	47 3.24	114 20.90	3110.0	Mt			980459.88	980804.83	2.11	-106.07	1.07	0.00	-52.54	-157.57	-148.92			
North :	su0018A	47 12.58	114 20.92	6052.0	Mt			980312.38	980818.88	4.53	-206.42	1.50	0.00	62.39	-140.99	-124.23			
North :	dp 329	47 21.88	114 20.92	2753.0	Mt			980000.00	980832.88	1.00	-93.90	0.98	0.00	-50.00	-128.55	-150.00			
North :	599	47 44.38	114 21.00	3652.0	Mt			980515.75	980866.70	1.76	-124.56	1.19	0.00	-7.60	-131.59	-121.37			
North :	dp 426	47 35.73	114 21.06	2713.0	Mt			980000.00	980853.70	1.00	-92.53	0.97	0.00	-50.00	-130.89	-150.00			
North :	su0062	47 2.13	114 21.08	3080.0	Mt			980464.49	980803.16	1.84	-105.05	1.06	0.00	-49.08	-153.35	-144.76			
North :	dp 625	47 35.20	114 21.13	2893.0	Mt			980000.00	980852.90	1.00	-98.67	1.02	0.00	-50.00	-130.70	-150.00			
North :	512	47 46.12	114 21.18	3539.0	Mt			980524.93	980869.30	2.64	-120.71	1.17	0.00	-11.65	-130.88	-121.06			
North :	565	47 50.37	114 21.24	3079.0	Mt			980561.26	980875.69	2.35	-105.02	1.06	0.00	-24.94	-128.67	-120.13			
North :	dp 627	47 36.15	114 21.26	2729.0	Mt			980000.00	980854.32	1.00	-93.08	0.97	0.00	-50.00	-130.86	-150.00			
North :	su0013A	47 7.04	114 21.30	5083.0	Mt			980352.92	980810.54	3.36	-173.37	1.42	0.00	20.22	-151.21	-137.09			
North :	559	47 38.58	114 21.30	2685.0	Mt			980550.85	980857.98	0.70	-91.58	0.96	0.00	-54.67	-146.51	-138.95			
North :	404	47 37.65	114 21.36	2662.0	Mt			980551.17	980856.58	0.83	-90.79	0.96	0.00	-55.12	-146.04	-138.55			
North :	dp 326	47 23.30	114 21.39	2696.0	Mt			980000.00	980835.00	1.00	-91.95	0.96	0.00	-50.00	-127.18	-150.00			
North :	dp 506	47 29.19	114 21.42	2773.0	Mt			980000.00	980843.86	1.00	-94.58	0.98	0.00	-50.00	-135.61	-150.00			
North :	574	47 46.55	114 21.42	3584.0	Mt			980523.79	980869.95	2.55	-122.24	1.18	0.00	-9.21	-130.08	-120.12			
North :	706	48 1.06	114 21.42	6150.0	Mt			980381.64	980891.74	5.46	-209.76	1.50	0.00	67.99	-137.81	-120.85			
North :	566	47 50.90	114 21.48	3463.0	Mt			980537.33	980876.48	2.88	-118.11	1.15	0.00	-13.58	-130.36	-120.74			
North :	567	47 51.83	114 21.54	4212.0	Mt			980492.94	980877.88	3.84	-143.66	1.30	0.00	11.03	-130.08	-118.45			
North :	su00085	47 18.75	114 21.56	2517.0	Mt			980541.98	980828.16	2.78	-85.85	0.92	0.00	-49.52	-133.50	-126.58			
North :	dp 325	47 24.09	114 21.57	2580.0	Mt			980000.00	980836.20	1.00	-88.00	0.93	0.00	-50.00	-129.27	-150.00			
North :	dp 624	47 34.68	114 21.63	3026.0	Mt			980000.00	980852.12	1.00	-103.21	1.05	0.00	-50.00	-130.64	-150.00			
North :	684	47 59.33	114 21.69	5891.0	Mt			980395.81	980889.13	9.13	-200.93	1.49	0.00	60.43	-132.86	-116.93			
North :	dp 623	47 34.30	114 21.76	3201.0	Mt			980000.00	980851.55	1.00	-109.18	1.09	0.00	-50.00	-129.75	-150.00			
North :	705	48 0.67	114 21.76	6757.0	Mt			980335.32	980891.16	9.67	-230.46	1.52	0.00	79.28	-143.02	-124.71			
North :	su00187	47 14.29	114 21.81	5200.0	Mt			980370.93	980821.45	3.01	-177.36	1.43	0.00	38.31	-137.47	-122.99			
North :	529	47 49.15	114 21.90	3097.0	Mt			980560.70	980873.86	1.95	-105.63	1.07	0.00	-21.97	-126.72	-118.09			
North :	682	48 0.44	114 21.95	6520.0	Mt			980354.28	980890.80	8.42	-222.38	1.51	0.00	76.33	-139.15	-121.39			
North :	681	48 0.20	114 22.00	6533.0	Mt			980353.51	980890.58	9.24	-222.82	1.51	0.00	77.00	-138.10	-120.37			
North :	dp 507	47 28.84	114 22.01	2742.0	Mt			980000.00	980843.34	1.00	-93.52	0.98	0.00	-50.00	-134.79	-150.00			
North :	dp 428	47 36.57	114 22.02	2883.0	Mt			980000.00	980854.66	1.00	-98.33	1.01	0.00	-50.00	-131.20	-150.00			
North :	687	47 55.13	114 22.14	3623.0	Mt			980530.38	980882.83	0.71	-123.57	1.19	0.00	-11.84	-135.88	-125.66			
North :	683	47 59.52	114 22.18	4169.0	Mt			980379.45	980889.42	12.00	-210.41	1.50	0.00	69.90	-130.01	-113.54			

Wallace Rusmap, Gravity  
Stations from 1974-1981  
meter ID: d-999 Date: 5-29-81

STATION IDENTIFICATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION (in ft)	GRAVITY OBSERVED	THEORETICAL	TERRAIN BOUGUER CURV	SPECIAL	FREE AIR	ANOMALIES			
									COMPLETE	ROUGHER		
North : 680	48 0.39	114 22.19	6495.0 Mt	980357.17	980890.73	8.43	-221.53	1.51	0.00	76.94	-137.67	-119.98
North : 605	47 37.8A	114 22.20	2652.0 Mt	980555.33	980856.92	1.18	-90.45	0.95	0.00	-52.25	-142.47	-135.04
North : 536	47 40.46	114 22.20	2874.0 Mt	980543.96	980860.80	3.77	-98.02	1.01	0.00	-46.62	-141.89	-134.04
North : 526	47 41.33	114 22.20	2901.0 Mt	980547.46	980862.10	0.86	-98.94	1.02	0.00	-41.89	-141.00	-132.83
North : 527	47 41.70	114 22.20	2916.0 Mt	980549.83	980862.66	1.02	-99.46	1.02	0.00	-38.67	-138.13	-129.93
North : 520	47 43.07	114 22.20	2949.0 Mt	980551.94	980864.72	1.31	-100.58	1.03	0.00	-35.52	-135.82	-127.56
North : 513	47 45.52	114 22.20	3489.0 Mt	980527.11	980868.41	2.67	-119.00	1.16	0.00	-13.27	-130.76	-121.08
North : dp 621	47 33.45	114 22.24	2965.0 Mt	980000.00	980850.27	1.00	-101.13	1.03	0.00	-50.00	-132.35	-150.00
North : dp 330	47 22.04	114 22.31	3310.0 Mt	980000.00	980833.11	1.00	-112.89	1.12	0.00	-50.00	-122.87	-150.00
North : 688	47 54.2A	114 22.34	3706.0 Mt	980527.42	980881.56	0.74	-126.40	1.20	0.00	-5.72	-132.58	-122.13
North : 707	47 59.46	114 22.51	6155.0 Mt	980379.75	980889.34	12.06	-209.93	1.50	0.00	68.97	-130.40	-113.97
North : dp 515	47 31.15	114 22.54	2694.0 Mt	980000.00	980846.81	1.00	-91.88	0.96	0.00	-50.00	-135.54	-150.00
North : dp 618	47 31.40	114 22.65	2863.0 Mt	980000.00	980847.18	1.00	-97.65	1.01	0.00	-50.00	-133.34	-150.00
North : dp 617	47 30.86	114 22.68	2861.0 Mt	980000.00	980846.37	1.00	-97.58	1.01	0.00	-50.00	-130.61	-150.00
North : dp 620	47 36.84	114 22.82	2941.0 Mt	980000.00	980855.36	1.00	-100.31	1.03	0.00	-50.00	-134.01	-150.00
North : 765	48 4.67	114 22.83	4160.0 Mt	980496.24	980897.15	0.47	-141.89	1.29	0.00	-9.82	-152.53	-140.77
North : dp 620	47 32.93	114 22.87	2954.0 Mt	980000.00	980849.48	1.00	-100.75	1.03	0.00	-50.00	-135.69	-150.00
North : 570	47 50.60	114 22.92	3512.0 Mt	980531.96	980876.03	2.77	-119.78	1.16	0.00	-13.89	-132.06	-122.33
North : 602	47 44.83	114 22.98	3289.0 Mt	980537.94	980867.37	2.05	-112.18	1.11	0.00	-20.20	-131.44	-122.28
North : s104	47 17.41	114 23.04	3365.0 Mt	980489.65	980826.15	4.11	-114.77	1.13	0.00	-20.13	-131.92	-122.71
North : 603	47 45.47	114 23.04	3483.0 Mt	980528.15	980868.33	3.01	-118.80	1.16	0.00	-12.72	-129.66	-120.03
North : dp 616	47 30.35	114 23.06	2860.0 Mt	980000.00	980845.60	1.00	-97.55	1.01	0.00	-50.00	-129.60	-150.00
North : dp 610	47 32.19	114 23.10	2932.0 Mt	980000.00	980848.38	1.00	-100.00	1.03	0.00	-50.00	-130.50	-150.00
North : su00059	47 1.86	114 23.20	3003.0 Mt	980466.25	980802.75	2.29	-102.42	1.04	0.00	-54.15	-155.33	-146.99
North : dp 508	47 28.75	114 23.21	2781.0 Mt	980000.00	980843.20	1.00	-94.85	0.99	0.00	-50.00	-138.11	-150.00
North : uk03	47 1.89	114 23.22	3003.0 Mt	980466.61	980802.80	3.60	-102.42	1.04	0.00	-53.84	-153.71	-145.48
North : 575	47 47.2A	114 23.22	3739.0 Mt	980513.84	980870.98	3.00	-127.53	1.21	0.00	-5.62	-131.36	-121.00
North : 686	47 56.28	114 23.24	3702.0 Mt	980529.79	980884.56	1.22	-126.26	1.20	0.00	-6.73	-132.98	-122.57
North : 606	47 35.23	114 23.28	2940.0 Mt	980545.90	980852.95	1.07	-100.27	1.03	0.00	-30.62	-130.86	-122.60
North : dp 630	47 37.26	114 23.28	2937.0 Mt	980000.00	980855.99	1.00	-100.17	1.03	0.00	-50.00	-132.92	-150.00
North : 561	47 49.16	114 23.28	3344.0 Mt	980539.57	980873.87	1.77	-114.05	1.13	0.00	-19.91	-133.32	-123.97
North : 560	47 37.85	114 23.40	2885.0 Mt	980547.51	980856.88	1.61	-98.40	1.01	0.00	-38.12	-135.92	-127.86
North : 525	47 41.33	114 23.40	2885.0 Mt	980547.90	980862.10	1.53	-98.40	1.01	0.00	-42.96	-140.84	-132.78
North : 521	47 43.07	114 23.40	2936.0 Mt	980555.95	980864.72	1.37	-100.14	1.03	0.00	-32.73	-132.52	-124.30
North : 600	47 43.93	114 23.40	3020.0 Mt	980551.34	980866.02	1.67	-103.00	1.05	0.00	-30.73	-133.11	-124.68
North : dp 631	47 34.5A	114 23.46	4782.0 Mt	980000.00	980851.91	1.00	-163.10	1.38	0.00	-50.00	-128.66	-150.00
North : 700	47 59.50	114 23.50	5200.0 Mt	980436.56	980889.40	3.33	-180.43	1.44	0.00	44.45	-134.09	-119.38
North : su00184	47 17.44	114 23.58	3016.0 Mt	980510.77	980826.20	3.07	-102.94	1.05	0.00	-31.66	-132.58	-124.26
North : dp 615	47 29.81	114 23.58	2816.0 Mt	980000.00	980844.79	1.00	-96.05	1.00	0.00	-50.00	-130.77	-150.00
North : dp 632	47 35.8A	114 23.65	4434.0 Mt	980000.00	980853.85	1.00	-151.23	1.33	0.00	-50.00	-128.91	-150.00

Wallace Rusmap Gravity  
Stations from 1974-1981  
Meter ID: d-909 Date: 5-29-81

STATION IDENTIFICATION	L U C A T I O N S sta-id	LATITUDE deg min	LONGITUDE deg min	ELEVATION (in ft)	GRAVITY OBSERVED THEORETICAL	CORRECTIONS		SPECIAL	ANOMALIES	
						IRRAIN	BOUGUER CURV		FREE AIR	COMPLETE ROUGHER d1=2.67 d2=2.50 FIELDS
North :	dp 614	47 29.50	114 23.71	2805.0 Mt	980844.33	1.00	-95.67	0.00	-50.00	-132.40 -150.00
North :	782	47 56.98	114 23.74	3767.0 Mt	980526.46	1.96	-128.48	1.22	-5.00	-132.74 -122.21
North :	708	47 58.64	114 23.74	5621.0 Mt	980412.27	12.13	-191.72	1.47	52.55	-128.51 -113.59
North :	dp 509	47 28.75	114 23.77	2791.0 Mt	980883.20	1.00	-95.19	0.99	-50.00	-136.29 -150.00
North :	su0005A	47 4.00	114 23.84	3153.0 Mt	980459.48	2.08	-107.54	1.08	-50.04	-156.58 -147.80
North :	su00137	47 6.63	114 23.84	4084.0 Mt	980413.65	2.32	-139.29	1.27	-12.33	-150.58 -139.18
North :	dk02	47 3.14	114 23.85	3032.0 Mt	980467.65	4.20	-103.41	1.05	-51.96	-152.22 -143.96
North :	568	47 51.73	114 23.88	4580.0 Mt	980469.10	5.21	-156.21	1.36	21.93	-130.42 -117.87
North :	dk01	47 3.98	114 23.90	3153.0 Mt	980459.21	2.30	-107.54	1.08	-50.28	-156.60 -147.84
North :	592	47 47.73	114 23.94	4250.0 Mt	980871.72	3.41	-144.95	1.30	12.17	-130.68 -118.91
North :	571	47 50.33	114 23.94	3371.0 Mt	980875.63	3.64	-114.97	1.13	-19.34	-131.80 -122.54
North :	dp 612	47 27.35	114 23.97	2656.0 Mt	980841.09	1.00	-90.59	0.95	-50.00	-130.01 -150.00
North :	dp 613	47 28.05	114 24.06	2772.0 Mt	980842.15	1.00	-94.54	0.98	-50.00	-136.55 -150.00
North :	607	47 38.94	114 24.06	2920.0 Mt	980551.13	2.43	-99.59	1.02	-32.84	-131.03 -122.94
North :	540	47 39.81	114 24.06	2924.0 Mt	980547.25	2.49	-99.73	1.02	-37.66	-135.92 -127.82
North :	537	47 40.46	114 24.06	2929.0 Mt	980551.85	2.38	-99.90	1.03	-33.56	-132.11 -123.99
North :	710	47 58.96	114 24.28	5309.0 Mt	980436.36	4.02	-181.07	1.44	46.84	-131.66 -116.95
North :	su00185	47 16.12	114 24.30	3400.0 Mt	980482.97	4.07	-115.96	1.14	-21.58	-134.61 -125.29
North :	764	48 4.49	114 24.34	3880.0 Mt	980526.56	0.45	-132.33	1.24	-5.55	-138.67 -127.71
North :	524	47 41.33	114 24.36	2947.0 Mt	980547.78	2.33	-100.51	1.03	-37.25	-136.46 -128.29
North :	523	47 42.13	114 24.36	2960.0 Mt	980863.31	1.66	-100.96	1.03	-38.15	-138.48 -130.21
North :	692	47 54.98	114 24.36	3702.0 Mt	980527.52	1.89	-126.26	1.20	-7.04	-132.62 -122.27
North :	su00086	47 18.76	114 24.37	2630.0 Mt	980534.45	3.05	-89.70	0.95	-46.45	-134.04 -126.83
North :	dp 633	47 36.84	114 24.39	4009.0 Mt	980800.00	1.00	-136.74	1.26	-50.00	-130.47 -150.00
North :	su00186	47 14.76	114 24.47	3833.0 Mt	980451.96	5.12	-130.73	1.23	-9.84	-136.68 -126.23
North :	779	48 2.02	114 24.62	3991.0 Mt	980516.13	0.55	-136.12	1.26	-1.84	-138.67 -127.40
North :	522	47 43.07	114 24.78	3087.0 Mt	980547.18	1.71	-105.29	1.06	-27.30	-131.95 -123.33
North :	569	47 51.17	114 24.78	4800.0 Mt	980451.72	8.42	-163.71	1.39	26.07	-130.61 -117.70
North :	su00063	47 0.16	114 24.81	3040.0 Mt	980457.00	3.01	-103.69	1.05	-57.37	-159.09 -150.71
North :	778	48 2.79	114 24.81	3934.0 Mt	980521.12	0.56	-134.18	1.25	-3.37	-138.23 -127.12
North :	583	47 46.25	114 24.96	3716.0 Mt	980514.48	3.03	-126.74	1.20	-5.66	-130.57 -120.28
North :	584	47 51.14	114 24.96	5277.0 Mt	980420.52	12.87	-179.98	1.44	39.74	-128.81 -114.93
North :	dp 534	47 35.25	114 25.02	3277.0 Mt	980852.97	1.00	-111.77	1.11	-50.00	-130.24 -150.00
North :	dp 510	47 28.75	114 25.10	2787.0 Mt	980843.20	1.00	-95.06	0.99	-50.00	-129.04 -150.00
North :	dp 533	47 35.89	114 25.11	3234.0 Mt	980853.94	1.00	-110.30	1.10	-50.00	-130.36 -150.00
North :	783	47 56.21	114 25.13	3807.0 Mt	980522.87	1.71	-129.85	1.22	-3.68	-133.04 -122.38
North :	780	48 0.56	114 25.15	5284.0 Mt	980439.24	1.93	-180.22	1.44	44.97	-134.76 -119.95
North :	576	47 47.50	114 25.20	4395.0 Mt	980475.11	3.59	-149.90	1.33	16.91	-130.73 -118.56
North :	711	47 59.14	114 25.26	5920.0 Mt	980390.23	10.22	-204.37	1.50	64.62	-131.02 -114.90
North :	541	47 39.81	114 25.38	3192.0 Mt	980534.49	3.62	-108.87	1.09	-25.22	-131.56 -122.80

# BOUGUER GRAVITY DATA

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Wallace Gusman Gravity  
Stations from 1974-1981  
Meter ID: d-909 Date: 5-29-81

STATION		LATITUDE		LONGITUDE		ELEVATION		GRAVITY		CORRECTIONS		ANOMALIES					
IDENTIFICATION	PROF	DEG	MIN	DEG	MIN	FT	ST	OBSERVED	THEORETICAL	TERRAIN	BOUGUER	CURV	SPECIAL	FREE AIR	COMPLETE	BOUGUER	SPECIAL
FIELDS																	
North : su00057		47	4.59	114	25.44	3150.0	Mt	980461.83	980806.86	2.31	-107.44	1.08	0.00	-48.87	-155.07	-146.32	
North : 756		47	53.86	114	25.47	5025.0	Mt	980441.33	980840.93	6.17	-171.39	1.41	0.00	32.78	-133.85	-120.12	
North : 562		47	48.94	114	25.50	3302.0	Mt	980540.27	980873.54	2.86	-112.62	1.12	0.00	-22.82	-133.70	-124.56	
North : 781		48	1.51	114	25.53	4972.0	Mt	980458.81	980892.41	1.27	-169.58	1.41	0.00	33.80	-135.92	-121.94	
North : 689		47	55.55	114	25.63	3773.0	Mt	980523.88	980883.46	1.29	-128.69	1.22	0.00	-4.87	-133.48	-122.88	
North : 763		48	4.10	114	25.65	3600.0	Mt	980541.16	980896.30	0.64	-122.79	1.18	0.00	-16.68	-140.01	-129.85	
North : dp532		47	35.70	114	25.66	3094.0	Mt	980000.00	980853.65	1.00	-105.53	1.07	0.00	-50.00	-131.22	-150.00	
North : su00278		46	57.13	114	25.83	3202.0	Mt	980436.65	980795.63	5.03	-109.21	1.09	0.00	-57.93	-163.20	-154.53	
North : 582		47	45.75	114	25.86	4051.0	Mt	980492.55	980868.75	4.96	-138.17	1.27	0.00	4.64	-129.83	-118.75	
North : 774		48	3.28	114	25.88	3838.0	Mt	980529.40	980895.07	0.58	-130.90	1.23	0.00	-4.85	-136.40	-125.56	
North : dp535		47	35.24	114	25.98	3109.0	Mt	980000.00	980852.95	1.00	-106.04	1.07	0.00	-50.00	-131.05	-150.00	
North : 601		47	43.93	114	26.04	3509.0	Mt	980522.47	980866.02	2.12	-119.68	1.16	0.00	-13.64	-132.37	-122.58	
North : dp610		47	27.22	114	26.14	2696.0	Mt	980000.00	980840.91	1.00	-91.95	0.96	0.00	-50.00	-132.81	-150.00	
North : dp609		47	27.44	114	26.14	2676.0	Mt	980000.00	980841.23	1.00	-91.27	0.96	0.00	-50.00	-133.57	-150.00	
North : dp607		47	28.24	114	26.14	2703.0	Mt	980000.00	980842.44	1.00	-92.19	0.97	0.00	-50.00	-134.81	-150.00	
North : dp611		47	26.57	114	26.15	2789.0	Mt	980000.00	980839.92	1.00	-95.12	0.99	0.00	-50.00	-129.97	-150.00	
North : dp608		47	27.68	114	26.15	2670.0	Mt	980000.00	980841.59	1.00	-91.07	0.96	0.00	-50.00	-134.35	-150.00	
North : su00130		47	2.14	114	26.16	4520.0	Mt	980374.84	980803.17	2.20	-154.16	1.35	0.00	-3.40	-156.71	-144.07	
North : su00136		47	7.54	114	26.16	3650.0	Mt	980441.24	980811.30	2.72	-124.49	1.19	0.00	-26.89	-149.86	-139.72	
North : dp511		47	28.74	114	26.20	2748.0	Mt	980000.00	980843.19	1.00	-93.73	0.98	0.00	-50.00	-133.95	-150.00	
North : 777		48	0.52	114	26.29	4324.0	Mt	980503.57	980890.93	1.60	-147.48	1.32	0.00	19.15	-128.05	-115.92	
North : 776		48	1.63	114	26.35	4144.0	Mt	980510.30	980892.59	0.66	-141.34	1.29	0.00	7.29	-134.68	-122.98	
North : 777		47	40.62	114	26.46	5348.0	Mt	980411.56	980870.05	11.67	-182.40	1.45	0.00	44.24	-127.94	-113.76	
North : 775		48	2.48	114	26.47	4067.0	Mt	980514.17	980893.87	0.51	-138.71	1.27	0.00	2.65	-136.83	-125.33	
North : 538		47	42.32	114	26.58	3402.0	Mt	980526.92	980863.59	2.29	-116.03	1.14	0.00	-16.83	-131.71	-122.24	
North : dp531		47	35.67	114	26.60	2868.0	Mt	980000.00	980853.60	1.00	-97.82	1.01	0.00	-50.00	-131.87	-150.00	
North : dp512		47	28.75	114	26.63	2726.0	Mt	980000.00	980843.20	1.00	-92.98	0.97	0.00	-50.00	-134.78	-150.00	
North : 563		47	48.92	114	26.64	3248.0	Mt	980541.94	980873.51	3.93	-110.78	1.10	0.00	-26.20	-134.15	-125.26	
North : su00135		47	8.82	114	26.67	4080.0	Mt	980424.10	980813.23	2.95	-139.16	1.27	0.00	-5.55	-143.03	-131.70	
North : 762		48	4.71	114	26.67	3442.0	Mt	980553.78	980897.21	0.67	-117.40	1.15	0.00	-19.83	-137.70	-127.99	
North : 755		47	53.73	114	26.81	4819.0	Mt	980456.31	980880.73	4.86	-164.36	1.39	0.00	28.60	-132.29	-119.03	
North : 712		47	58.38	114	26.84	5677.0	Mt	980410.80	980887.71	6.00	-193.63	1.48	0.00	56.73	-132.37	-116.79	
North : 572		47	49.78	114	26.88	3246.0	Mt	980543.02	980874.80	5.13	-110.71	1.10	0.00	-26.60	-133.28	-124.49	
North : 690		47	56.00	114	26.88	4049.0	Mt	980507.05	980884.14	1.26	-138.10	1.27	0.00	3.56	-134.55	-123.17	
North : su00064		46	59.93	114	26.94	3140.0	Mt	980449.18	980799.84	2.99	-107.10	1.08	0.00	-55.44	-160.62	-151.96	
North : 691		47	56.88	114	26.94	4297.0	Mt	980492.37	980885.46	2.92	-146.56	1.31	0.00	10.87	-134.08	-122.14	
North : su00087		47	19.21	114	27.01	2530.0	Mt	980539.82	980828.86	4.09	-86.29	0.92	0.00	-51.16	-134.27	-127.43	
North : 610		47	41.36	114	27.12	4643.0	Mt	980446.12	980862.15	10.28	-158.36	1.36	0.00	20.45	-129.00	-116.68	
North : dp543		47	31.14	114	27.13	2698.0	Mt	980000.00	980846.80	1.00	-92.02	0.96	0.00	-50.00	-132.81	-150.00	
North : dp542		47	31.55	114	27.13	2712.0	Mt	980000.00	980847.41	1.00	-92.50	0.97	0.00	-50.00	-130.63	-150.00	

# ROUGHER GRAVITY DATA

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Wallace Rusman Gravity  
Stations from 1974-1981  
Meter ID: d-999 Date: 5-29-81

STATION		L		C		A		T		I		O		N		S		G		P		A		V		I		T		Y		C		O		R		R		E		C		T		I		O		N		S		A		N		O		M		A		L		I		F		S		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C		I		E		S		P		E		C</	
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# ROUGHER GRAVITY DATA

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Wallace Rusmap Gravity

Stations from 1974-1981

Water ID: d-999 Date: 5-29-81

STATION IDENTIFICATION proj sta-id	LATITUDE deg min	LONGITUDE deg min	ELEVATION (in ft)	STATION TYPE	OBSERVED GRAVITY	THEORETICAL GRAVITY	CORRECTIONS		SPECIAL	ANOMALIES		
							TERRAIN BOUGUER CURV	FREE AIR		COMPLETE ROUGHER	SPEC FIELDS	
North : 579	47 44.31	114 29.46	4346.0	Mt	980474.00	980866.59	4.31	-148.23	1.32	0.00	15.98	-129.25 -117.29
North : 589	47 47.90	114 29.70	4968.0	Mt	980433.14	980871.98	12.66	-169.44	1.41	0.00	28.19	-130.00 -116.97
North : dp 522	47 33.09	114 29.41	2823.0	Mt	980000.00	980849.73	1.00	-96.28	1.00	0.00	-50.00	-127.34 -150.00
North : dp 521	47 32.63	114 29.42	2770.0	Mt	980000.00	980849.03	1.00	-94.48	0.98	0.00	-50.00	-128.39 -150.00
North : dp 524	47 33.99	114 29.42	2705.0	Mt	980000.00	980851.08	1.00	-92.26	0.97	0.00	-50.00	-129.55 -150.00
North : dp 523	47 33.50	114 29.43	2767.0	Mt	980000.00	980850.34	1.00	-94.37	0.98	0.00	-50.00	-128.45 -150.00
North : dp 525	47 34.36	114 29.43	2721.0	Mt	980000.00	980851.63	1.00	-92.81	0.97	0.00	-50.00	-131.38 -150.00
North : su00054	47 7.27	114 29.44	3264.0	Mt	980462.14	980810.89	2.71	-111.33	1.11	0.00	-41.87	-151.59 -142.55
North : dp 528	47 35.23	114 29.44	2776.0	Mt	980000.00	980852.95	1.00	-94.68	0.99	0.00	-50.00	-135.94 -150.00
North : dp 520	47 32.07	114 29.46	2780.0	Mt	980000.00	980848.20	1.00	-94.82	0.99	0.00	-50.00	-129.62 -150.00
North : 150	47 34.58	114 30.18	2712.0	Mt	980557.26	980851.96	1.88	-92.50	0.97	0.00	-39.72	-131.31 -123.76
North : 149	47 35.68	114 30.18	2768.0	Mt	980551.67	980853.62	1.74	-94.41	0.98	0.00	-41.69	-135.35 -127.63
North : 107	47 40.90	114 30.18	3038.0	Mt	980543.12	980861.47	2.60	-103.62	1.05	0.00	-32.71	-134.78 -126.37
North : 208	47 47.28	114 30.18	4172.0	Mt	980486.21	980871.05	5.13	-142.30	1.29	0.00	7.38	-131.07 -119.66
North : 191	47 49.08	114 30.18	3065.0	Mt	980550.89	980873.75	4.91	-104.54	1.06	0.00	-34.69	-135.38 -127.08
North : 724	47 31.78	114 30.28	2866.0	Mt	980548.44	980847.76	3.19	-97.75	1.01	0.00	-29.85	-125.42 -117.55
North : 818	47 26.73	114 30.30	4320.0	Mt	980456.34	980840.16	4.09	-147.34	1.32	0.00	22.31	-122.26 -110.35
North : su00377	46 56.79	114 30.37	3900.0	Mt	980398.12	980795.12	2.28	-133.02	1.24	0.00	-30.34	-162.32 -151.44
North : 895	48 0.65	114 30.68	3906.0	Mt	980519.67	980891.12	0.85	-133.22	1.24	0.00	-4.23	-137.85 -126.84
North : su00066	47 1.08	114 30.69	2950.0	Mt	980457.50	980801.58	4.88	-100.62	1.03	0.00	-66.71	-163.48 -155.50
North : 105	47 40.52	114 30.78	2951.0	Mt	980547.82	980860.89	2.55	-100.65	1.03	0.00	-35.62	-134.75 -126.58
North : dp 527	47 35.02	114 30.79	2714.0	Mt	980000.00	980852.63	1.00	-92.57	0.97	0.00	-50.00	-130.69 -150.00
North : 788	47 59.46	114 30.81	3920.0	Mt	980517.25	980849.34	2.41	-133.70	1.24	0.00	-3.55	-136.09 -125.17
North : 209	47 46.55	114 30.84	3688.0	Mt	980514.43	980869.95	4.60	-125.79	1.20	0.00	-8.79	-131.18 -121.10
North : 141	47 36.98	114 31.08	2800.0	Mt	980550.90	980855.57	1.41	-95.50	0.99	0.00	-41.41	-136.50 -128.66
North : 101	47 37.84	114 31.08	2800.0	Mt	980556.43	980856.87	1.58	-95.50	0.99	0.00	-37.17	-132.09 -124.27
North : 108	47 41.35	114 31.08	3265.0	Mt	980533.34	980862.14	2.45	-111.36	1.11	0.00	-21.83	-131.84 -122.78
North : 110	47 41.73	114 31.08	3444.0	Mt	980522.92	980862.71	2.22	-117.46	1.15	0.00	-15.99	-132.39 -122.79
North : 151	47 35.47	114 31.20	2714.0	Mt	980560.02	980853.30	1.52	-92.57	0.97	0.00	-38.10	-130.12 -122.54
North : 80	47 44.02	114 31.20	4864.0	Mt	980437.94	980866.15	5.65	-165.90	1.39	0.00	29.04	-132.60 -119.28
North : dp 548	47 35.46	114 31.34	2714.0	Mt	980000.00	980853.29	1.00	-92.57	0.97	0.00	-50.00	-130.38 -150.00
North : 723	47 31.81	114 31.52	3038.0	Mt	980540.51	980847.80	2.83	-103.62	1.05	0.00	-21.66	-123.50 -115.11
North : 817	47 26.79	114 31.57	3880.0	Mt	980481.48	980840.25	2.24	-132.33	1.24	0.00	6.01	-125.33 -114.51
North : su00342	46 58.68	114 31.71	3500.0	Mt	980426.73	980797.96	3.02	-119.37	1.16	0.00	-42.16	-159.68 -150.00
North : 206	47 47.75	114 31.74	3440.0	Mt	980531.72	980871.75	3.70	-117.33	1.15	0.00	-16.62	-131.39 -121.93
North : 207	47 47.06	114 31.86	3445.0	Mt	980535.92	980870.71	4.54	-117.50	1.15	0.00	-10.91	-125.01 -115.61
North : 104	47 39.58	114 31.92	2833.0	Mt	980553.54	980859.48	1.96	-96.63	1.00	0.00	-39.58	-135.24 -127.36
North : 784	47 54.51	114 31.95	3627.0	Mt	980525.44	980881.91	2.09	-123.71	1.19	0.00	-15.47	-138.28 -128.16
North : 192	47 49.38	114 31.98	2990.0	Mt	980556.87	980874.20	2.91	-101.98	1.04	0.00	-36.22	-136.33 -128.08
North : 785	47 52.77	114 31.98	3054.0	Mt	980557.17	980879.29	2.60	-104.16	1.06	0.00	-34.99	-137.61 -129.15

## BOUGUER GRAVITY DATA

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Wallace Gusmap Gravity  
Stations from 1974-1981  
Meter ID: 0-999 Date: 5-29-81

STATION		L O C A T I O N		E L E		G R A V I T Y		T E R R A I N		C O R R E C T I O N S		A N O M A L I E S	
IDENTIFICATION	sta-id	LATITUDE	LONGITUDE	deg	min	ST	THEORETICAL	BOUGUER	CURV	SPECIAL	FREE	COMPLETE	SPEC
prof		deg	deg			(in ft)					AIR	d1=2.67	d2=2.50
													FIELDS
North :	787	47 57.98	114 31.98	4107.0	Mt	980502.80	980887.11	4.54	-140.08	1.28	0.00	1.79	-135.03
North :	sun0053	47 8.93	114 32.01	3430.0	Mt	980455.30	980813.38	2.83	-116.99	1.14	0.00	-35.61	-150.91
North :	180	47 51.40	114 32.04	3355.0	Mt	980539.15	980877.23	2.36	-114.43	1.13	0.00	-22.66	-135.86
North :	148	47 36.15	114 32.10	2738.0	Mt	980562.53	980854.32	1.11	-93.38	0.98	0.00	-34.36	-127.61
North :	109	47 41.65	114 32.10	3743.0	Mt	980505.50	980862.59	2.17	-127.66	1.21	0.00	-5.19	-131.89
North :	sun0088	47 21.07	114 32.25	2550.0	Mt	980544.83	980831.66	3.30	-86.97	0.92	0.00	-47.06	-131.66
North :	816	47 26.43	114 32.40	3625.0	Mt	980496.44	980839.71	2.56	-123.64	1.19	0.00	-2.47	-124.73
North :	152	47 35.24	114 32.40	2764.0	Mt	980558.80	980852.95	1.13	-94.27	0.98	0.00	-34.28	-128.41
North :	142	47 36.98	114 32.40	2735.0	Mt	980560.12	980855.57	1.07	-93.28	0.97	0.00	-38.30	-131.49
North :	100	47 37.84	114 32.40	2774.0	Mt	980555.63	980856.87	1.05	-94.61	0.99	0.00	-40.41	-134.96
North :	102	47 39.14	114 32.40	2787.0	Mt	980557.31	980858.81	1.64	-95.06	0.99	0.00	-39.47	-133.87
North :	190	47 50.00	114 32.40	2975.0	Mt	980559.04	980875.13	2.76	-101.47	1.04	0.00	-36.38	-136.13
North :	178	47 52.17	114 32.40	3006.0	Mt	980560.32	980878.39	2.97	-102.53	1.04	0.00	-35.45	-136.05
North :	106	47 40.72	114 32.52	3289.0	Mt	980532.68	980861.20	1.79	-112.18	1.11	0.00	-19.29	-130.79
North :	722	47 33.55	114 32.67	4958.0	Mt	980414.95	980850.42	12.46	-169.10	1.41	0.00	30.62	-127.43
North :	728	47 35.25	114 32.68	2796.0	Mt	980557.29	980852.97	1.99	-95.36	0.99	0.00	-32.80	-127.16
North :	205	47 47.60	114 32.70	3110.0	Mt	980550.37	980871.52	2.96	-106.07	1.07	0.00	-28.76	-132.94
North :	721	47 31.43	114 32.81	3372.0	Mt	980520.98	980847.23	2.84	-115.01	1.13	0.00	-9.22	-122.52
North :	193	47 49.53	114 32.88	2955.0	Mt	980556.70	980874.42	2.36	-100.79	1.03	0.00	-39.89	-139.35
North :	181	47 50.75	114 32.94	2950.0	Mt	980562.80	980876.26	2.55	-100.62	1.03	0.00	-36.10	-135.20
North :	786	47 56.38	114 32.98	4598.0	Mt	980470.78	980884.71	2.22	-156.82	1.36	0.00	18.32	-137.64
North :	153	47 35.23	114 33.06	2796.0	Mt	980557.65	980852.95	1.00	-95.36	0.99	0.00	-32.41	-127.76
North :	sun0041	46 59.46	114 33.12	3177.0	Mt	980447.48	980799.13	3.99	-108.36	1.09	0.00	-52.95	-158.40
North :	sun0067	47 0.31	114 33.12	2873.0	Mt	980461.06	980800.42	4.84	-97.99	1.01	0.00	-69.23	-163.39
North :	103	47 39.54	114 33.12	2940.0	Mt	980553.91	980859.42	1.64	-100.27	1.03	0.00	-29.09	-128.75
North :	177	47 51.93	114 33.12	2974.0	Mt	980560.00	980878.03	2.59	-101.43	1.04	0.00	-38.41	-138.30
North :	99	47 37.85	114 33.18	2733.0	Mt	980558.67	980856.88	0.94	-93.21	0.97	0.00	-41.24	-134.49
North :	sun0158	47 19.69	114 33.24	3480.0	Mt	980484.04	980829.58	2.59	-118.69	1.16	0.00	-18.36	-135.62
North :	204	47 47.60	114 33.36	3084.0	Mt	980549.09	980871.52	2.59	-105.19	1.06	0.00	-32.48	-136.14
North :	98	47 38.72	114 33.54	2803.0	Mt	980559.66	980858.18	1.08	-95.60	0.99	0.00	-34.98	-130.50
North :	662	47 27.43	114 33.63	3323.0	Mt	980514.57	980841.22	1.74	-113.34	1.12	0.00	-14.22	-126.94
North :	143	47 36.97	114 33.66	2730.0	Mt	980562.88	980855.56	0.83	-93.11	0.97	0.00	-35.99	-129.25
North :	210	47 45.23	114 33.66	2967.0	Mt	980555.45	980867.96	2.96	-101.20	1.03	0.00	-33.56	-132.83
North :	194	47 49.67	114 33.66	2925.0	Mt	980558.69	980874.63	1.99	-99.76	1.02	0.00	-40.94	-139.74
North :	182	47 50.87	114 33.66	2915.0	Mt	980562.24	980876.44	2.08	-99.42	1.02	0.00	-40.13	-138.49
North :	179	47 51.52	114 33.66	2925.0	Mt	980560.06	980877.41	2.19	-99.76	1.02	0.00	-41.95	-140.54
North :	720	47 30.90	114 33.68	3252.0	Mt	980525.13	980846.43	3.00	-110.92	1.10	0.00	-15.55	-124.57
North :	673	47 50.01	114 33.73	2918.0	Mt	980559.00	980875.15	1.27	-99.52	1.02	0.00	-41.80	-141.07
North :	736	47 26.57	114 33.78	3207.0	Mt	980519.98	980839.92	2.26	-109.38	1.09	0.00	-18.42	-126.64
North :	719	47 30.07	114 33.81	3196.0	Mt	980527.25	980845.19	2.54	-109.01	1.09	0.00	-17.45	-125.01



Wallace Gusman Gravity  
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ROUGHNER GRAVITY DATA

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STATION IDENTIFICATION		L U C A T I O N S		G R A V I T Y		C O R R E C T I O N S		A N O M A L I E S					
proj	sta-id	LATITUDE deg min	LONGITUDE deg min	ELE (in ft)	UNSERVED THEORETICAL	TERRAIN BOUGUER CURV	SPECIAL	FREE AIR	COMPLTF, d1=2.67	ROUGHER d2=2.50	SPEC FIELDS		
North :	97	47 38.71	114 33.84	2734.0	Mt 980564.11	980858.17	1.13	-93.25	0.97	0.00	-37.01	-130.10	-122.43
North :	176	47 52.23	114 33.84	2979.0	Mt 980558.35	980878.48	2.08	-101.61	1.04	0.00	-40.04	-140.61	-132.32
North :	su00319	46 57.09	114 33.90	5160.0	Mt 980318.59	980795.57	2.16	-175.99	1.43	0.00	8.10	-167.16	-152.72
North :	su00052	47 10.55	114 34.00	3590.0	Mt 980450.08	980815.82	3.01	-122.44	1.18	0.00	-28.23	-148.84	-138.90
North :	su00181	47 23.41	114 34.11	2610.0	Mt 980547.22	980835.17	2.36	-89.02	0.94	0.00	-42.55	-130.15	-122.93
North :	727	47 34.60	114 34.12	3015.0	Mt 980547.88	980852.00	2.82	-102.83	1.05	0.00	-20.64	-121.70	-113.37
North :	820	47 24.01	114 34.25	2640.0	Mt 980544.79	980836.08	4.23	-90.04	0.95	0.00	-43.06	-129.83	-122.68
North :	w11002	47 5.32	114 34.30	7349.0	Mt 980191.61	980807.96	26.14	-250.65	1.51	0.00	74.40	-151.62	-133.00
North :	154	47 34.60	114 34.32	3015.0	Mt 980548.16	980852.00	0.91	-102.83	1.05	0.00	-20.36	-123.33	-114.85
North :	864	47 53.83	114 34.48	3193.0	Mt 980547.51	980880.88	3.34	-108.90	1.09	0.00	-33.17	-139.83	-131.04
North :	91	47 39.57	114 34.50	2740.0	Mt 980563.54	980859.46	1.71	-93.45	0.98	0.00	-38.31	-131.03	-123.39
North :	203	47 47.61	114 34.68	2857.0	Mt 980562.57	980871.54	2.18	-97.44	1.01	0.00	-40.36	-136.63	-128.69
North :	183	47 50.86	114 34.68	2932.0	Mt 980557.36	980876.43	1.51	-100.00	1.03	0.00	-43.40	-142.92	-134.72
North :	175	47 52.14	114 34.68	3071.0	Mt 980554.97	980878.34	1.52	-104.74	1.06	0.00	-34.64	-138.93	-130.34
North :	894	47 59.52	114 34.70	4425.0	Mt 980484.97	980889.42	2.00	-150.92	1.33	0.00	11.54	-138.72	-126.34
North :	su00340	47 0.43	114 34.73	2960.0	Mt 980460.30	980800.60	4.41	-100.96	1.03	0.00	-61.99	-159.57	-151.53
North :	144	47 37.16	114 34.86	2740.0	Mt 980562.83	980855.84	0.72	-93.45	0.98	0.00	-35.40	-129.10	-121.38
North :	85	47 42.90	114 34.86	3021.0	Mt 980550.32	980864.47	2.31	-103.04	1.05	0.00	-30.11	-131.89	-123.50
North :	dp 551	47 34.00	114 34.90	3152.0	Mt 980000.00	980851.09	1.00	-107.51	1.08	0.00	-50.00	-125.63	-150.00
North :	dp 570	47 37.00	114 34.95	2759.0	Mt 980000.00	980855.60	1.00	-94.10	0.98	0.00	-50.00	-126.87	-150.00
North :	823	47 23.40	114 34.98	2760.0	Mt 980538.99	980835.16	2.52	-94.14	0.98	0.00	-36.66	-129.26	-121.63
North :	718	47 30.05	114 34.98	2931.0	Mt 980544.55	980845.15	1.24	-99.97	1.03	0.00	-25.03	-124.79	-116.57
North :	95	47 37.84	114 34.98	2800.0	Mt 980554.42	980856.87	0.63	-95.50	0.99	0.00	-39.18	-135.04	-127.15
North :	96	47 38.71	114 34.98	2764.0	Mt 980558.20	980858.17	0.88	-94.27	0.98	0.00	-40.09	-134.47	-126.69
North :	90	47 40.44	114 34.98	2748.0	Mt 980561.94	980860.77	1.90	-93.73	0.98	0.00	-40.46	-133.27	-125.62
North :	84	47 42.83	114 34.98	2834.0	Mt 980561.08	980864.36	2.12	-96.66	1.00	0.00	-36.83	-132.37	-124.50
North :	81	47 44.78	114 34.98	2828.0	Mt 980562.08	980867.29	2.02	-96.45	1.00	0.00	-39.32	-134.76	-126.89
North :	188	47 50.00	114 34.98	2928.0	Mt 980559.89	980875.13	1.48	-99.86	1.03	0.00	-39.95	-139.36	-131.17
North :	661	47 27.43	114 35.01	3008.0	Mt 980527.71	980841.22	1.08	-102.59	1.05	0.00	-30.69	-133.25	-124.80
North :	735	47 26.57	114 35.02	3063.0	Mt 980525.16	980839.92	0.97	-104.47	1.06	0.00	-26.78	-131.34	-122.72
North :	657	47 29.19	114 35.02	2992.0	Mt 980539.83	980843.86	1.17	-102.05	1.04	0.00	-22.73	-124.64	-116.25
North :	679	47 51.74	114 35.03	2980.0	Mt 980558.53	980877.74	1.56	-101.64	1.04	0.00	-39.04	-140.15	-131.82
North :	su00180	47 22.06	114 35.05	2480.0	Mt 980549.25	980833.14	3.57	-84.58	0.90	0.00	-50.71	-132.63	-125.88
North :	893	47 56.09	114 35.21	4235.0	Mt 980487.92	980844.27	0.88	-144.44	1.30	0.00	1.78	-143.08	-131.15
North :	su00051	47 11.44	114 35.37	3680.0	Mt 980443.88	980817.17	3.21	-125.51	1.20	0.00	-27.30	-150.80	-140.63
North :	87	47 41.75	114 35.40	2805.0	Mt 980563.32	980862.73	2.02	-95.67	0.99	0.00	-35.69	-130.33	-122.54
North :	819	47 24.89	114 35.41	2710.0	Mt 980543.23	980837.39	3.33	-92.43	0.97	0.00	-39.36	-129.43	-122.01
North :	677	47 51.33	114 35.46	3008.0	Mt 980558.72	980877.22	0.93	-102.59	1.05	0.00	-35.69	-138.40	-129.94
North :	86	47 42.18	114 35.52	2828.0	Mt 980562.66	980863.38	2.01	-96.45	1.00	0.00	-34.83	-130.28	-122.41
North :	726	47 32.84	114 35.69	3205.0	Mt 980533.26	980849.34	1.57	-109.31	1.09	0.00	-14.76	-123.60	-114.63

## BOUGUER GRAVITY DATA

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Wallace Cusmap Gravity  
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STATION		L U C A T I O N S		G R A V I T Y		C O R R E C T I O N S		A N O M A L I E S									
IDN	STATION	LATITUDE	LONGITUDE	ELEVATION	OBSERVED	THEORETICAL	TERRAIN BOUGUER CURV	SPECIAL	FREE AIR	COMPLETE BOUGUER	SPECIAL						
prof	sta-id	deg	min	deg	min	(in ft)				d1=2.67	d2=2.50	FIELDS					
North :	901	47	56.86	114	35.75	4010.0	Mt	980503.67	980885.44	1.06	-136.77	1.26	0.00	0.00	-4.77	-141.74	-130.46
North :	865	47	54.56	114	35.76	3401.0	Mt	980533.80	980881.98	3.50	-116.00	1.14	0.00	0.00	-28.43	-142.07	-132.71
North :	675	47	51.22	114	35.79	2970.0	Mt	980560.11	980876.97	0.97	-101.30	1.04	0.00	0.00	-37.61	-138.98	-130.63
North :	669	47	30.92	114	36.17	2941.0	Mt	980545.67	980846.46	0.62	-100.31	1.03	0.00	0.00	-24.27	-124.99	-116.69
North :	674	47	50.84	114	36.21	2918.0	Mt	980559.97	980876.39	1.21	-99.52	1.02	0.00	0.00	-42.07	-141.41	-133.23
North :	678	47	51.25	114	36.21	2955.0	Mt	980561.52	980877.01	1.10	-100.79	1.03	0.00	0.00	-37.66	-138.38	-130.08
North :	dp 578	47	36.10	114	36.22	2766.0	Mt	980800.00	980854.25	1.00	-94.34	0.98	0.00	0.00	-50.00	-127.09	-150.00
North :	147	47	35.66	114	36.24	2787.0	Mt	980559.69	980853.59	0.85	-95.06	0.99	0.00	0.00	-31.86	-127.06	-119.21
North :	145	47	36.96	114	36.24	2756.0	Mt	980559.21	980855.54	0.78	-94.00	0.98	0.00	0.00	-37.21	-131.41	-123.64
North :	94	47	37.84	114	36.24	2774.0	Mt	980554.59	980856.87	0.72	-94.61	0.99	0.00	0.00	-41.45	-136.33	-128.51
North :	93	47	38.70	114	36.24	2811.0	Mt	980551.93	980858.16	0.77	-95.87	0.99	0.00	0.00	-41.93	-138.03	-130.11
North :	92	47	39.57	114	36.24	2814.0	Mt	980557.33	980859.46	0.94	-95.98	1.00	0.00	0.00	-37.56	-133.59	-125.68
North :	89	47	40.44	114	36.24	2817.0	Mt	980556.11	980860.77	1.35	-96.08	1.00	0.00	0.00	-39.80	-135.53	-127.64
North :	88	47	40.85	114	36.24	2824.0	Mt	980556.49	980861.38	1.44	-96.32	1.00	0.00	0.00	-39.38	-135.25	-127.35
North :	190	47	46.78	114	36.24	2857.0	Mt	980562.84	980870.30	1.27	-97.44	1.01	0.00	0.00	-38.84	-136.02	-128.01
North :	198	47	47.39	114	36.24	2869.0	Mt	980562.49	980871.21	1.25	-97.85	1.01	0.00	0.00	-38.97	-136.59	-128.54
North :	197	47	48.26	114	36.24	2869.0	Mt	980563.77	980872.52	1.34	-97.85	1.01	0.00	0.00	-39.00	-136.52	-128.49
North :	187	47	50.02	114	36.24	2905.0	Mt	980561.39	980875.16	1.41	-99.08	1.02	0.00	0.00	-40.64	-139.33	-131.20
North :	734	47	26.57	114	36.25	2824.0	Mt	980536.53	980839.92	1.17	-96.32	1.00	0.00	0.00	-37.87	-134.02	-126.10
North :	660	47	27.43	114	36.25	2824.0	Mt	980535.50	980841.22	0.99	-96.32	1.00	0.00	0.00	-40.20	-136.53	-128.59
North :	659	47	27.75	114	36.25	2827.0	Mt	980535.60	980841.70	0.96	-96.42	1.00	0.00	0.00	-40.30	-136.76	-128.81
North :	658	47	28.33	114	36.25	2835.0	Mt	980537.92	980842.57	0.92	-96.69	1.00	0.00	0.00	-38.10	-134.87	-126.90
North :	656	47	29.19	114	36.25	2822.0	Mt	980545.71	980843.86	1.04	-96.25	1.00	0.00	0.00	-32.82	-129.03	-121.10
North :	717	47	30.05	114	36.28	2821.0	Mt	980550.21	980845.15	1.16	-96.22	1.00	0.00	0.00	-29.71	-125.76	-117.85
North :	671	47	30.93	114	36.28	2825.0	Mt	980552.86	980846.48	1.48	-96.35	1.00	0.00	0.00	-28.01	-123.88	-115.98
North :	dp 572	47	36.97	114	36.38	2756.0	Mt	980800.00	980855.56	1.00	-94.00	0.98	0.00	0.00	-50.00	-131.85	-150.00
North :	200	47	46.04	114	36.42	2823.0	Mt	980564.66	980849.18	1.31	-96.28	1.00	0.00	0.00	-39.10	-135.07	-127.16
North :	dp 586	47	32.83	114	36.47	3155.0	Mt	980800.00	980849.03	1.00	-107.61	1.08	0.00	0.00	-50.00	-125.94	-150.00
North :	195	47	48.91	114	36.48	2860.0	Mt	980564.90	980873.50	1.40	-97.55	1.01	0.00	0.00	-39.70	-136.85	-128.85
North :	824	47	23.14	114	36.50	3100.0	Mt	980510.54	980834.77	3.70	-108.80	1.09	0.00	0.00	-24.31	-130.50	-121.75
North :	201	47	45.44	114	36.60	2820.0	Mt	980565.20	980868.28	1.30	-96.18	1.00	0.00	0.00	-37.94	-133.82	-125.92
North :	82	47	44.78	114	36.72	2820.0	Mt	980562.77	980867.29	1.29	-96.18	1.00	0.00	0.00	-39.38	-135.27	-127.37
North :	dp 577	47	36.11	114	36.91	2770.0	Mt	980800.00	980854.26	1.00	-94.48	0.98	0.00	0.00	-50.00	-129.92	-150.00
North :	737	47	25.71	114	36.84	2834.0	Mt	980537.99	980838.63	1.30	-96.66	1.00	0.00	0.00	-34.18	-130.54	-122.60
North :	dp 573	47	36.95	114	36.84	2760.0	Mt	980800.00	980855.52	1.00	-94.14	0.98	0.00	0.00	-50.00	-134.00	-150.00
North :	dp 580	47	35.67	114	36.86	2773.0	Mt	980800.00	980853.60	1.00	-94.58	0.98	0.00	0.00	-50.00	-128.65	-150.00
North :	184	47	51.31	114	37.14	2930.0	Mt	980560.32	980877.10	1.58	-94.93	1.03	0.00	0.00	-41.30	-140.68	-132.49
North :	dp 585	47	33.06	114	37.17	3343.0	Mt	980800.00	980849.68	1.00	-114.02	1.12	0.00	0.00	-50.00	-124.12	-150.00
North :	83	47	43.23	114	37.20	2763.0	Mt	980565.20	980864.96	1.33	-94.24	0.98	0.00	0.00	-39.98	-133.87	-126.13
North :	186	47	50.01	114	37.20	2841.0	Mt	980561.63	980875.15	1.50	-98.26	1.01	0.00	0.00	-42.64	-140.42	-132.36

Wallace Gusman Gravity  
Stations from 1974-1981  
Meter ID: d-909 Date: 5-29-81

STATION		L U C A T I		O N S		G R A V I T Y		C O P R E C T I O N S		A N O M A L I E S				
IDENTIFICATION	LATITUDE	LONGITUDE	ELE	ST	URSERVED	THEORETICAL	IFERRAIN	BOUGUER	CURV	SPECIAL	FREE	COMPLETE	BOUGUER	SPEC
proj	sta-id	deg min	deg min	(in ft)							AIR	d1=2.67	d2=2.50	FIELDS
North :	su00157	47 18.89	114 37.28	2880.0	Mt	980517.97	980828.37	6.51	-98.23	1.01	0.00	-39.62	-132.35	-124.71
North :	729	47 31.77	114 37.28	2946.0	Mt	980546.25	980847.74	1.82	-100.48	1.03	0.00	-24.51	-124.20	-115.98
North :	672	47 33.05	114 37.32	3343.0	Mt	980525.44	980849.66	2.63	-114.02	1.12	0.00	-9.92	-122.44	-113.17
North :	196	47 48.92	114 37.38	2902.0	Mt	980563.88	980873.51	1.38	-98.98	1.02	0.00	-36.78	-135.40	-127.27
North :	185	47 50.55	114 37.38	3145.0	Mt	980543.89	980875.96	1.13	-107.27	1.08	0.00	-36.38	-143.59	-134.76
North :	730	47 30.06	114 37.46	2826.0	Mt	980546.76	980845.17	0.89	-96.39	1.00	0.00	-32.71	-129.20	-121.25
North :	670	47 30.92	114 37.47	2860.0	Mt	980551.04	980846.46	1.31	-97.55	1.01	0.00	-26.52	-123.77	-115.75
North :	dp 583	47 35.00	114 37.50	2825.0	Mt	980000.00	980852.59	1.00	-96.35	1.00	0.00	-50.00	-125.00	-150.00
North :	70	47 35.24	114 37.50	2821.0	Mt	980559.19	980852.95	1.36	-96.22	1.00	0.00	-28.54	-124.39	-116.49
North :	dp 581	47 35.68	114 37.50	2787.0	Mt	980000.00	980853.62	1.00	-95.06	0.99	0.00	-50.00	-125.79	-150.00
North :	836	47 36.11	114 37.50	2766.0	Mt	980559.25	980854.26	2.28	-94.34	0.98	0.00	-34.95	-127.99	-120.33
North :	05	47 36.53	114 37.50	2772.0	Mt	980556.60	980854.89	1.25	-94.55	0.98	0.00	-37.66	-131.94	-124.18
North :	64	47 36.98	114 37.50	2768.0	Mt	980558.34	980855.57	1.26	-94.41	0.98	0.00	-36.98	-131.11	-123.35
North :	126	47 37.84	114 37.50	2771.0	Mt	980561.46	980856.87	1.32	-94.51	0.98	0.00	-34.87	-129.04	-121.28
North :	125	47 38.70	114 37.50	2792.0	Mt	980555.52	980858.16	1.22	-95.23	0.99	0.00	-40.13	-135.12	-127.29
North :	124	47 39.58	114 37.50	2819.0	Mt	980553.57	980859.48	0.86	-96.15	1.00	0.00	-40.86	-137.15	-129.21
North :	123	47 40.45	114 37.50	2822.0	Mt	980555.43	980860.79	0.91	-96.25	1.00	0.00	-40.03	-136.37	-128.43
North :	122	47 41.30	114 37.50	2836.0	Mt	980558.80	980862.06	0.99	-96.73	1.00	0.00	-36.62	-133.36	-125.39
North :	121	47 42.18	114 37.50	2840.0	Mt	980556.60	980863.38	1.08	-96.86	1.00	0.00	-39.76	-136.55	-128.58
North :	120	47 42.70	114 37.50	2850.0	Mt	980558.69	980864.17	1.10	-97.20	1.01	0.00	-37.52	-134.63	-126.63
North :	202	47 45.66	114 37.50	2902.0	Mt	980556.18	980868.61	1.21	-98.98	1.02	0.00	-39.59	-138.37	-130.23
North :	738	47 45.71	114 37.55	2853.0	Mt	980533.88	980838.63	1.49	-97.31	1.01	0.00	-36.50	-133.33	-125.35
North :	733	47 46.57	114 37.55	2800.0	Mt	980537.94	980839.92	1.16	-95.50	0.99	0.00	-38.72	-134.06	-126.20
North :	663	47 47.43	114 37.55	2797.0	Mt	980533.13	980841.22	0.97	-95.40	0.99	0.00	-45.10	-140.52	-132.66
North :	655	47 49.19	114 37.55	2811.0	Mt	980542.28	980843.86	0.81	-95.87	0.99	0.00	-37.29	-133.35	-125.43
North :	su00050	47 42.81	114 37.60	3735.0	Mt	980440.48	980819.23	3.65	-127.39	1.21	0.00	-27.59	-152.54	-142.25
North :	725	47 34.25	114 37.62	2899.0	Mt	980553.52	980851.47	2.08	-98.88	1.02	0.00	-25.38	-123.19	-115.13
North :	668	47 30.09	114 37.65	2866.0	Mt	980545.91	980845.20	0.74	-97.75	1.01	0.00	-29.82	-127.84	-119.76
North :	891	47 58.55	114 37.67	4500.0	Mt	980476.59	980887.97	1.03	-156.55	1.36	0.00	20.12	-136.75	-123.83
North :	892	47 56.53	114 37.72	3795.0	Mt	980518.38	980884.98	1.06	-129.44	1.22	0.00	-9.77	-139.37	-128.69
North :	160	47 50.98	114 37.08	3404.0	Mt	980528.65	980876.61	1.00	-116.10	1.14	0.00	-27.92	-144.16	-134.58
North :	su00080	47 20.58	114 38.03	2550.0	Mt	980541.91	980830.62	5.40	-86.97	0.92	0.00	-48.94	-131.44	-124.64
North :	dp 587	47 36.97	114 38.14	2771.0	Mt	980000.00	980855.56	1.00	-94.51	0.98	0.00	-50.00	-129.38	-150.00
North :	897	47 52.53	114 38.15	3522.0	Mt	980527.91	980878.93	0.76	-120.13	1.16	0.00	-19.89	-140.42	-130.49
North :	157	47 51.75	114 38.28	3240.0	Mt	980540.30	980877.76	1.21	-110.51	1.10	0.00	-32.85	-143.24	-134.15
North :	168	47 47.14	114 38.34	2795.0	Mt	980566.98	980870.84	1.88	-95.33	0.99	0.00	-41.06	-135.50	-127.72
North :	161	47 49.13	114 38.40	2057.0	Mt	980549.50	980873.82	1.40	-104.26	1.06	0.00	-36.91	-140.83	-132.27
North :	875	47 54.22	114 38.40	3822.0	Mt	980508.79	980881.47	1.21	-130.36	1.23	0.00	-13.36	-143.73	-132.99
North :	70	47 33.12	114 38.46	3446.0	Mt	980519.87	980889.77	1.35	-117.53	1.15	0.00	-5.92	-123.25	-113.58
North :	128	47 38.70	114 38.46	2798.0	Mt	980564.06	980858.16	1.74	-95.43	0.99	0.00	-31.02	-125.70	-117.90

Wallace Gusmap Gravity  
Stations from 1974-1981  
Meter ID: d-999 Date: 5-29-81

STATION IDENTIFICATION		LATITUDE		C A T I		GRAVITY		C O R R E C T I O N S		A N O M A L I E S	
proj	sta-id	deg	min	deg	min	ELE. ST (in ft)	UNRSERVED THEORETICAL	TERRAIN BOUGUER CURV	SPECIAL	FREE AIR	COMPLETE_BOUGUER SPEC
											DI=2.67 d2=2.50 FIELDS
North :	167	47 48.05	114 38.76	2845.0	Mt	980562.50	980872.20	1.74 -97.04	1.00	0.00	-138.51 -130.58
North :	74	47 33.91	114 38.70	3214.0	Mt	980533.63	980850.96	1.48 -109.62	1.10	0.00	-124.38 -115.38
North :	127	47 38.10	114 38.76	2825.0	Mt	980562.65	980857.26	1.77 -96.35	1.00	0.00	-124.58 -116.70
North :	129	47 39.59	114 38.76	2805.0	Mt	980559.40	980859.49	1.84 -95.67	0.99	0.00	-131.19 -123.38
North :	130	47 40.45	114 38.76	2809.0	Mt	980562.13	980860.79	1.77 -95.81	0.99	0.00	-129.58 -121.75
North :	131	47 41.31	114 38.76	2833.0	Mt	980557.40	980862.08	1.77 -96.63	1.00	0.00	-134.17 -126.28
North :	117	47 42.19	114 38.76	2861.0	Mt	980555.34	980863.41	1.69 -97.58	1.01	0.00	-135.96 -127.98
North :	118	47 42.85	114 38.76	2884.0	Mt	980553.79	980864.40	1.66 -98.36	1.01	0.00	-137.17 -129.12
North :	171	47 46.19	114 38.76	2886.0	Mt	980557.80	980869.41	1.86 -98.43	1.01	0.00	-137.86 -129.82
North :	588	47 36.97	114 38.78	2784.0	Mt	980800.00	980855.56	1.00 -94.95	0.99	0.00	-126.92 -150.00
North :	401	47 33.12	114 38.79	3446.0	Mt	980800.00	980849.77	1.00 -117.53	1.15	0.00	-123.57 -150.00
North :	592	47 36.11	114 38.79	2810.0	Mt	980800.00	980854.26	1.00 -95.84	0.99	0.00	-126.36 -150.00
North :	938	47 36.53	114 38.79	2792.0	Mt	980558.46	980854.89	1.63 -95.23	0.99	0.00	-128.51 -120.72
North :	740	47 24.89	114 38.82	3284.0	Mt	980516.36	980837.39	2.54 -112.01	1.11	0.00	-122.86 -113.75
North :	739	47 25.71	114 38.82	2953.0	Mt	980530.00	980838.63	1.90 -100.72	1.03	0.00	-130.84 -122.61
North :	732	47 26.57	114 38.82	2835.0	Mt	980538.95	980839.92	1.58 -96.69	1.00	0.00	-130.53 -122.61
North :	668	47 27.43	114 38.82	2810.0	Mt	980537.18	980841.22	1.22 -95.84	0.99	0.00	-135.45 -127.57
North :	667	47 28.33	114 38.82	2805.0	Mt	980534.97	980842.57	1.04 -95.67	0.99	0.00	-139.49 -131.61
North :	654	47 29.19	114 38.82	2818.0	Mt	980546.93	980843.86	1.01 -96.11	1.00	0.00	-128.08 -120.16
North :	111005	47 10.28	114 38.94	6691.0	Mt	980258.02	980815.41	13.46 -228.21	1.52	0.00	-144.73 -126.91
North :	172	47 45.66	114 39.00	2778.0	Mt	980563.42	980868.61	2.12 -94.75	0.99	0.00	-137.62 -129.90
North :	119	47 44.17	114 39.06	2767.0	Mt	980563.66	980866.38	2.13 -94.37	0.98	0.00	-135.78 -128.10
North :	748	47 33.94	114 39.08	3293.0	Mt	980528.83	980851.01	1.88 -112.31	1.11	0.00	-124.12 -114.93
North :	593	47 35.69	114 39.11	2909.0	Mt	980800.00	980853.62	1.00 -102.29	1.04	0.00	-124.75 -150.00
North :	746	47 32.86	114 39.29	3206.0	Mt	980525.70	980849.38	1.42 -112.42	1.11	0.00	-125.90 -116.67
North :	500043	47 1.21	114 39.32	2965.0	Mt	980459.18	980801.77	4.12 -101.13	1.03	0.00	-161.86 -153.78
North :	63	47 37.08	114 39.42	2834.0	Mt	980561.07	980855.72	2.33 -96.66	1.00	0.00	-123.53 -115.67
North :	590	47 36.55	114 39.45	2808.0	Mt	980800.00	980854.93	1.00 -95.77	0.99	0.00	-127.96 -150.00
North :	826	47 24.02	114 39.50	4160.0	Mt	980460.78	980836.09	4.42 -141.89	1.29	0.00	-122.97 -111.53
North :	158	47 51.77	114 39.54	3347.0	Mt	980536.32	980877.79	1.48 -114.16	1.13	0.00	-140.60 -131.22
North :	990	47 59.39	114 39.57	4275.0	Mt	980496.84	980889.23	0.68 -145.81	1.31	0.00	-136.93 -124.86
North :	500039	46 59.37	114 39.58	2921.0	Mt	980454.45	980799.00	4.17 -99.63	1.02	0.00	-166.39 -158.44
North :	500047	47 3.86	114 39.59	3400.0	Mt	980438.20	980805.76	3.44 -115.96	1.14	0.00	-161.55 -152.19
North :	116	47 42.19	114 39.60	2863.0	Mt	980558.69	980863.41	2.37 -97.65	1.01	0.00	-131.82 -123.88
North :	180	47 47.17	114 39.60	2850.0	Mt	980562.57	980870.88	2.40 -97.20	1.01	0.00	-136.16 -128.27
North :	500049	47 13.63	114 39.68	3980.0	Mt	980437.05	980820.46	3.26 -135.75	1.26	0.00	-142.98 -131.96
North :	67	47 36.56	114 39.72	2826.0	Mt	980557.82	980854.94	2.74 -96.39	1.00	0.00	-126.06 -118.26
North :	166	47 48.58	114 39.78	2905.0	Mt	980560.53	980873.00	2.59 -99.08	1.02	0.00	-136.85 -128.82
North :	159	47 52.27	114 39.78	3385.0	Mt	980532.85	980878.55	1.53 -115.45	1.13	0.00	-142.50 -133.02
North :	170	47 46.31	114 39.84	2788.0	Mt	980566.06	980869.59	2.65 -95.09	0.99	0.00	-134.83 -127.13

Meter ID: J-999 Date: 5-29-81

STATION IDENTIFICATION		LATITUDE		C A T I O N S		G R A V I T Y		C O R R E C T I O N S		A N O M A L I E S	
proj	sta-id	deg	min	deg	min	ELE (in ft)	UNSERVED THEORETICAL	TERRAIN BOUGUER	SPECIAL	FREE AIR	COMPLIE-ROUGHER
										di=2.67 d2=2.50	
										FIELDS	
North :	665	47 27.43	114 40.08	2876.0	Mt	980535.67	980841.22	2.01	-98.09	1.01	-132.23
North :	731	47 28.33	114 40.08	2837.0	Mt	980535.19	980842.57	1.56	-96.76	1.00	-136.85
North :	653	47 29.19	114 40.08	2882.0	Mt	980537.76	980843.86	1.61	-98.30	1.01	-132.84
North :	135	47 38.91	114 40.08	2895.0	Mt	980559.70	980858.47	2.70	-98.74	1.02	-123.63
North :	134	47 39.58	114 40.08	2815.0	Mt	980560.64	980859.48	2.85	-96.11	1.00	-128.15
North :	133	47 40.45	114 40.08	2877.0	Mt	980560.03	980860.79	2.73	-98.13	1.01	-126.67
North :	132	47 41.31	114 40.08	2842.0	Mt	980561.17	980862.08	2.99	-96.93	1.00	-128.64
North :	W11004	47 10.96	114 40.14	6132.0	Mt	980300.37	980816.45	6.16	-209.14	1.50	-144.16
North : hotsprin	47 36.52	114 40.19	2845.0	Mt	980558.33	980854.88	2.60	-97.04	1.00	-29.06	-124.50
North : su0033A	46 57.36	114 40.20	3020.0	Mt	980443.98	980795.98	4.88	-103.00	1.05	-68.04	-167.22
North :	115	47 42.09	114 40.20	2864.0	Mt	980561.67	980863.25	3.15	-97.68	1.01	-127.84
North :	173	47 45.02	114 40.20	2809.0	Mt	980564.70	980867.65	3.02	-95.81	0.99	-132.63
North :	A78	47 52.88	114 40.30	3151.0	Mt	980546.27	980879.45	2.60	-107.47	1.08	-142.88
North :	A96	47 54.01	114 40.37	3145.0	Mt	980549.14	980881.16	2.55	-107.27	1.08	-142.12
North :	112	47 43.48	114 40.38	2866.0	Mt	980559.72	980865.34	3.15	-97.75	1.01	-131.77
North :	111	47 44.09	114 40.38	2921.0	Mt	980557.07	980866.25	2.97	-99.63	1.02	-132.23
North :	745	47 31.61	114 40.42	3052.0	Mt	980538.77	980847.50	3.25	-104.09	1.06	-123.69
North :	A98	47 56.01	114 40.53	3524.0	Mt	980532.99	980884.16	0.91	-120.19	1.16	-140.30
North :	A99	47 57.83	114 40.53	3990.0	Mt	980509.75	980886.88	0.89	-136.09	1.26	-138.48
North :	A27	47 25.13	114 40.57	3680.0	Mt	980486.21	980837.76	3.94	-125.51	1.20	-128.32
North :	A28	47 26.14	114 40.59	3440.0	Mt	980500.51	980839.28	2.91	-117.33	1.15	-130.91
North :	A34	47 34.69	114 40.63	3681.0	Mt	980507.84	980852.13	3.07	-125.55	1.20	-121.89
North : su00090	47 20.53	114 40.64	2415.0	Mt	980539.58	980830.84	7.03	-82.37	0.89	-64.19	-140.42
North :	747	47 32.87	114 40.68	3367.0	Mt	980525.31	980849.39	1.30	-114.84	1.13	-122.19
North :	71	47 35.22	114 40.68	3208.0	Mt	980537.01	980852.93	3.07	-109.42	1.09	-121.75
North :	68	47 36.05	114 40.68	2925.0	Mt	980554.35	980854.17	3.64	-99.76	1.02	-121.96
North :	165	47 48.37	114 40.68	3003.0	Mt	980555.30	980872.69	3.46	-102.42	1.04	-135.05
North :	162	47 49.80	114 40.74	2875.0	Mt	980563.66	980874.83	3.98	-98.06	1.01	-135.95
North :	A76	47 55.27	114 40.99	3525.0	Mt	980527.91	980883.05	0.73	-120.23	1.17	-144.39
North :	666	47 27.23	114 41.10	3121.0	Mt	980525.10	980840.91	3.06	-106.45	1.07	-123.72
North :	A33	47 35.66	114 41.28	3078.0	Mt	980544.95	980853.59	3.07	-104.98	1.06	-122.22
North :	136	47 38.93	114 41.28	2907.0	Mt	980555.20	980858.50	4.02	-99.15	1.02	-126.13
North :	652	47 29.19	114 41.35	3061.0	Mt	980529.57	980843.86	1.98	-104.40	1.06	-129.98
North : su00346	47 3.40	114 41.43	3146.0	Mt	980451.51	980805.07	3.23	-107.30	1.08	-26.50	-121.45
North :	72	47 34.47	114 41.52	3991.0	Mt	980488.30	980851.80	3.40	-136.12	1.26	-162.92
North :	A33	47 30.38	114 41.68	3444.0	Mt	980508.93	980845.65	2.60	-117.46	1.15	-122.27
North :	A35	47 33.72	114 41.68	3728.0	Mt	980501.10	980850.67	2.68	-127.15	1.21	-128.94
North :	113	47 43.73	114 41.70	3155.0	Mt	980546.28	980865.71	4.02	-107.61	1.08	-124.76
North :	137	47 39.64	114 41.76	2992.0	Mt	980549.41	980859.57	4.21	-102.05	1.04	-127.47
North : su00337	46 55.19	114 41.78	3147.0	Mt	980432.72	980792.70	4.19	-107.34	1.08	-28.85	-127.73
North :									0.00	-64.10	-168.33
North :									0.00	-12.93	-119.38
North :									0.00	0.92	-114.41
North :									0.00	-22.80	-127.47
North :									0.00	-28.85	-119.58
North :									0.00	-64.10	-159.74

Meter ID: d-999 Date: 5-29-81

STATION IDENTIFICATION		L O C A T I O N S		G R A V I T Y		C O R R E C T I O N S		A N O M A L I E S		
proj	sta-id	LATITUDE deg min	LONGITUDE deg min	ELE (in ft)	UPSERVED THEORETICAL	TERRAIN BOUGUER CURV	SPECIAL	FREE AIR	COMPLETE-ROUGHER d1=2.67 d2=2.50	SPEC FIELDS
North :	77	47 32.84	114 41.88	3630.0 Mt	980504.46	980849.34	0.00	0.00	-3.61	-125.79 -115.72
North :	w11003	47 6.81	114 41.96	3640.0 Mt	980432.05	980810.20	0.00	0.00	-35.93	-153.23 -143.57
North :	su000125	47 6.81	114 41.97	3640.0 Mt	980432.71	980810.20	0.00	0.00	-35.27	-157.28 -147.22
North :	su000048	47 14.08	114 42.02	4150.0 Mt	980426.02	980821.14	0.00	0.00	-4.96	-144.56 -133.06
North :	171	47 45.24	114 42.06	2962.0 Mt	980557.34	980867.98	0.00	0.00	-32.15	-129.03 -121.05
North :	114	47 49.95	114 42.08	3089.0 Mt	980551.04	980875.05	0.00	0.00	-33.59	-135.85 -127.43
North :	su00153	47 15.59	114 42.19	5121.0 Mt	980375.31	980823.41	0.00	0.00	33.31	-140.75 -126.40
North :	887	47 57.31	114 42.20	4187.0 Mt	980496.33	980886.11	0.00	0.00	3.85	-138.76 -127.01
North :	831	47 25.44	114 42.27	4790.0 Mt	980428.00	980838.23	0.00	0.00	40.08	-120.81 -107.56
North :	114	47 43.00	114 42.30	3718.0 Mt	980510.55	980864.62	0.00	0.00	-4.52	-128.57 -118.35
North :	849	47 35.50	114 42.37	3442.0 Mt	980518.76	980853.35	0.00	0.00	-10.98	-124.69 -115.32
North :	888	47 58.61	114 42.39	4065.0 Mt	980508.99	980888.05	0.00	0.00	3.09	-135.74 -124.30
North :	su000091	47 20.61	114 42.40	2525.0 Mt	980538.00	980830.96	0.00	0.00	-55.55	-135.72 -129.11
North :	848	47 36.58	114 42.40	3235.0 Mt	980533.46	980854.98	0.00	0.00	-17.36	-125.36 -116.46
North :	889	47 59.71	114 42.41	4214.0 Mt	980501.49	980889.71	0.00	0.00	7.95	-135.66 -123.83
North :	829	47 28.24	114 42.58	3560.0 Mt	980497.86	980842.44	0.00	0.00	-9.88	-129.42 -119.57
North :	744	47 32.53	114 42.58	3608.0 Mt	980505.18	980848.88	0.00	0.00	-4.49	-126.68 -116.62
North :	841	47 34.33	114 42.64	4425.0 Mt	980450.02	980851.66	0.00	0.00	23.36	-125.68 -113.40
North :	862	47 48.28	114 42.68	3581.0 Mt	980522.72	980872.55	0.00	0.00	-13.16	-133.10 -123.22
North :	830	47 26.47	114 42.80	4683.0 Mt	980427.93	980839.77	0.00	0.00	28.40	-128.86 -115.90
North :	877	47 55.31	114 42.86	3581.0 Mt	980527.46	980883.10	0.00	0.00	-18.97	-141.06 -131.00
North :	813	47 51.13	114 43.02	4059.0 Mt	980493.74	980876.83	0.00	0.00	-1.49	-138.51 -127.22
North :	881	47 53.59	114 43.02	3630.0 Mt	980521.98	980880.52	0.00	0.00	-17.26	-138.85 -128.83
North :	850	47 38.96	114 43.04	3434.0 Mt	980522.91	980858.55	0.00	0.00	-12.78	-127.99 -118.49
North :	su00123	47 8.97	114 43.07	3500.0 Mt	980447.63	980813.45	0.00	0.00	-36.75	-153.07 -143.48
North :	su00350	46 56.10	114 43.12	3276.0 Mt	980432.91	980794.08	0.00	0.00	-53.16	-162.77 -153.74
North :	138	47 39.65	114 43.14	3369.0 Mt	980526.75	980859.58	0.00	0.00	-16.09	-127.00 -117.86
North :	803	47 42.22	114 43.17	3605.0 Mt	980456.02	980863.45	0.00	0.00	25.49	-129.60 -116.82
North :	164	47 49.87	114 43.20	3355.0 Mt	980535.66	980874.94	0.00	0.00	-23.85	-135.21 -126.04
North :	832	47 27.44	114 43.23	4213.0 Mt	980457.14	980841.23	0.00	0.00	11.98	-128.86 -117.25
North :	su00349	46 57.75	114 43.27	4237.0 Mt	980378.78	980796.56	0.00	0.00	-19.45	-164.04 -152.13
North :	su00348	46 59.02	114 43.27	3126.0 Mt	980444.64	980798.48	0.00	0.00	-59.93	-164.38 -155.77
North :	742	47 30.78	114 43.28	3740.0 Mt	980498.33	980846.25	0.00	0.00	3.69	-123.15 -112.70
North :	852	47 45.25	114 43.29	2962.0 Mt	980557.05	980868.00	0.00	0.00	-32.46	-126.72 -110.70
North :	800	47 56.61	114 43.48	3548.0 Mt	980532.18	980885.05	0.00	0.00	-19.31	-139.74 -129.82
North :	139	47 40.02	114 43.50	3774.0 Mt	980503.03	980860.14	0.00	0.00	-2.29	-127.40 -117.09
North :	804	47 43.58	114 43.72	4886.0 Mt	980437.50	980865.48	0.00	0.00	31.33	-132.03 -118.57
North :	su00345	47 3.14	114 43.73	3850.0 Mt	980455.30	980864.67	0.00	0.00	-59.80	-163.09 -154.58
North :	su00047	47 14.22	114 43.83	4350.0 Mt	980410.83	980871.35	0.00	0.00	-1.57	-147.91 -135.86
North :	743	47 32.12	114 44.00	3627.0 Mt	980500.45	980898.27	0.00	0.00	-29.34	-124.60 -114.20

# ROUGHER GRAVITY DATA

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Wallace Gusman Gravity  
Stations from 1974-1981  
Meter ID: d-999 Date: 5-29-81

STATION		L U C A T I O N S		G R A V I T Y		C O R R E C T I O N S		A N O M A L I E S					
IDENTIFICATION		LATITUDE		LONGITUDE		ELE ST		FREE		COMPLETE		SPEC	
prof sta-id		deg min		deg min		(in ft)		AIR		d1=2.67		d2=2.50	
North : su00124		47	1.69	114	44.03	3094.0	Mt	980452.63	980802.49	2.33	-105.53	1.07	0.00
North : su00124		47	6.38	114	44.03	3240.0	Mt	980454.31	980809.55	3.31	-110.51	1.10	0.00
North : w1100		47	2.20	114	44.04	3115.0	Mt	980452.49	980803.27	2.54	-106.24	1.07	0.00
North : A15		47	49.67	114	44.31	3763.0	Mt	980510.91	980874.63	2.03	-128.34	1.21	0.00
North : su00166		47	24.70	114	44.41	3580.0	Mt	980490.55	980837.12	2.06	-122.10	1.18	0.00
North : A42		47	34.75	114	44.42	5333.0	Mt	980401.57	980852.23	5.70	-181.89	1.45	0.00
North : su00092		47	20.93	114	44.43	2493.0	Mt	980540.31	980831.44	6.33	-85.03	0.91	0.00
North : su00122		47	7.65	114	44.62	3086.0	Mt	980468.89	980811.46	3.65	-105.25	1.06	0.00
North : A84		47	58.29	114	44.62	3789.0	Mt	980523.41	980887.58	1.80	-129.23	1.22	0.00
North : A79		47	54.61	114	44.68	3905.0	Mt	980508.31	980882.05	1.55	-133.19	1.24	0.00
North : A85		47	59.38	114	44.70	4007.0	Mt	980514.17	980889.22	1.15	-136.67	1.26	0.00
North : A05		47	45.19	114	44.74	4819.0	Mt	980443.19	980867.91	3.51	-164.36	1.39	0.00
North : 651		47	31.43	114	44.95	3690.0	Mt	980495.65	980887.23	2.43	-125.85	1.20	0.00
North : A06		47	46.43	114	45.18	4940.0	Mt	980438.49	980869.77	2.96	-168.49	1.40	0.00
North : A46		47	38.69	114	45.29	4895.0	Mt	980434.04	980858.14	3.21	-166.95	1.40	0.00
North : A63		47	48.32	114	45.69	4033.0	Mt	980492.36	980872.60	4.00	-137.55	1.27	0.00
North : A12		47	51.29	114	45.69	5144.0	Mt	980428.75	980877.06	3.90	-175.45	1.43	0.00
North : A40		47	31.67	114	45.71	3625.0	Mt	980498.41	980887.59	4.26	-123.64	1.19	0.00
North : A43		47	35.28	114	45.73	5639.0	Mt	980383.17	980853.02	6.23	-192.33	1.47	0.00
North : su00165		47	24.02	114	45.78	3118.0	Mt	980512.86	980836.09	3.35	-106.35	1.07	0.00
North : A45		47	36.75	114	45.78	5441.0	Mt	980398.13	980855.23	4.81	-185.58	1.46	0.00
North : A82		47	56.24	114	45.89	3916.0	Mt	980510.61	980888.50	1.89	-133.56	1.24	0.00
North : 799		47	42.83	114	46.10	4357.0	Mt	980471.68	980864.36	1.91	-148.60	1.32	0.00
North : A86		47	59.49	114	46.18	4245.0	Mt	980498.58	980889.38	1.61	-144.78	1.30	0.00
North : su00046		47	15.41	114	46.29	5830.0	Mt	980333.57	980823.13	4.26	-198.84	1.49	0.00
North : su00225		47	3.92	114	46.58	3019.0	Mt	980461.01	980805.84	2.76	-102.97	1.05	0.00
North : A73		47	44.75	114	46.66	4762.0	Mt	980447.69	980867.24	2.90	-162.42	1.38	0.00
North : su00155		47	19.89	114	46.84	2550.0	Mt	980532.15	980829.88	7.09	-86.97	0.92	0.00
North : A78		47	54.48	114	46.88	4000.0	Mt	980500.03	980881.86	4.13	-136.43	1.26	0.00
North : su00156		47	21.33	114	46.90	2482.0	Mt	980539.12	980832.05	5.82	-84.65	0.91	0.00
North : su00121		47	6.94	114	46.92	2760.0	Mt	980483.63	980810.40	3.87	-94.14	0.98	0.00
North : A01		47	39.19	114	47.15	4416.0	Mt	980462.71	980858.90	2.86	-150.62	1.33	0.00
North : A10		47	50.53	114	47.18	5732.0	Mt	980390.04	980875.93	6.06	-195.50	1.48	0.00
North : A00		47	40.70	114	47.25	4626.0	Mt	980450.98	980861.16	3.92	-157.78	1.36	0.00
North : A39		47	31.28	114	47.31	3593.0	Mt	980500.63	980847.00	3.64	-122.55	1.18	0.00
North : A09		47	49.16	114	47.48	4658.0	Mt	980454.48	980873.87	4.32	-158.87	1.37	0.00
North : A44		47	35.61	114	47.55	5207.0	Mt	980408.18	980853.52	4.97	-177.60	1.43	0.00
North : 798		47	42.02	114	47.55	4329.0	Mt	980470.46	980863.14	2.94	-147.65	1.32	0.00
North : su00226		47	1.07	114	47.60	3400.0	Mt	980433.74	980801.55	3.42	-115.96	1.14	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39	-134.69	1.25	0.00
North : A83		47	56.38	114	47.71	3949.0	Mt	980508.42	980884.71	3.39			

# ROUGHER GRAVITY DATA

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Wallace Cusmap Gravity  
Stations from 1974-1981  
Meter ID: d-909 Date: 5-29-81

STATION	IDENTIFICATION	LATITUDE	LONGITUDE	TIME	STATION	GRAVITY	TERRAIN	CORRECTION	SPECIAL	FREE	ANOMALY	SPEC
prof	sta-id	deg min	deg min	sec	ELE	ORSED	BOUGUER	BOUGUER	BOUGUER	AIR	d1=2.67	d2=2.50
					(in ft)							FIELDS
North :	811	47 52.13	114 48.03		6290.0	980352.19	980878.33	10.82	-214.53	1.51	0.00	0.00
North :	su00104	47 53.29	114 48.09		2489.0	980545.84	980834.99	5.70	-84.89	0.91	0.00	0.00
North :	797	47 42.65	114 48.10		4853.0	980440.78	980864.09	6.58	-165.52	1.39	0.00	0.00
North :	dk10	47 7.36	114 48.19		3071.0	980466.52	980811.03	3.81	-104.74	1.06	0.00	0.00
North :	su00152	47 18.95	114 48.50		2512.0	980529.60	980828.46	7.43	-85.68	0.91	0.00	0.00
North :	792	47 32.38	114 48.63		3953.0	980478.69	980848.66	2.28	-134.82	1.25	0.00	0.00
North :	802	47 40.20	114 48.80		4137.0	980479.05	980860.41	3.62	-141.10	1.28	0.00	0.00
North :	872	47 42.81	114 48.90		4582.0	980454.62	980864.33	6.51	-156.28	1.36	0.00	0.00
North :	807	47 46.32	114 48.92		5816.0	980382.12	980869.60	6.07	-198.37	1.49	0.00	0.00
North :	su00169	47 26.57	114 48.99		3030.0	980524.71	980839.92	2.56	-103.34	1.05	0.00	0.00
North :	dk09	47 12.26	114 49.04		3355.0	980459.17	980818.40	12.43	-114.43	1.13	0.00	0.00
North :	791	47 30.90	114 49.17		3544.0	980502.56	980846.43	2.45	-120.88	1.17	0.00	0.00
North :	808	47 47.72	114 49.17		5230.0	980414.10	980871.70	9.01	-178.38	1.44	0.00	0.00
North :	su00031	47 16.53	114 49.22		6200.0	980302.65	980824.82	8.46	-211.46	1.51	0.00	0.00
North :	631	47 18.21	114 49.34		2510.0	980525.47	980827.35	8.68	-85.61	0.91	0.00	0.00
North :	su00167	47 24.75	114 49.68		2479.0	980549.59	980837.19	5.01	-84.55	0.90	0.00	0.00
North :	dk20	47 33.17	114 49.88		3470.0	980506.55	980849.84	4.10	-118.35	1.15	0.00	0.00
North :	793	47 33.17	114 49.88		3470.0	980482.72	980849.84	4.10	-118.35	1.15	0.00	0.00
North :	796	47 41.58	114 50.25		4364.0	980464.67	980862.48	6.66	-148.84	1.32	0.00	0.00
North :	su00001	47 8.44	114 50.70		2760.0	980485.56	980812.66	4.67	-94.14	0.98	0.00	0.00
North :	su00227	47 0.28	114 50.84		4212.0	980383.46	980800.38	3.83	-143.66	1.30	0.00	0.00
North :	su00030	47 16.86	114 51.00		4005.0	980315.80	980825.32	7.70	-204.81	1.50	0.00	0.00
North :	871	47 39.50	114 51.04		4728.0	980439.01	980859.35	5.79	-161.26	1.38	0.00	0.00
North :	su00170	47 27.72	114 51.06		2711.0	980544.71	980841.65	2.08	-92.46	0.97	0.00	0.00
North :	su00168	47 25.88	114 51.07		2520.0	980549.35	980838.88	3.27	-85.95	0.92	0.00	0.00
North :	su00033	47 14.28	114 51.17		3412.0	980463.74	980821.44	4.18	-116.37	1.14	0.00	0.00
North :	w11012	47 22.33	114 51.47		6837.0	980265.32	980833.55	31.00	-233.19	1.52	0.00	0.00
North :	9628	47 16.41	114 51.61		4780.0	980391.96	980824.64	2.44	-163.03	1.38	0.00	0.00
North :	dk08	47 10.94	114 51.71		2800.0	980492.18	980816.41	6.10	-95.50	0.99	0.00	0.00
North :	su00151	47 18.70	114 51.71		2560.0	980525.69	980828.09	7.54	-87.31	0.93	0.00	0.00
North :	640	47 35.78	114 51.73		3742.0	980489.29	980853.77	2.97	-127.63	1.21	0.00	0.00
North :	795	47 40.53	114 51.92		4436.0	980457.61	980860.91	4.19	-151.30	1.33	0.00	0.00
North :	su00002	47 7.05	114 52.07		2918.0	980465.53	980810.56	5.81	-99.52	1.02	0.00	0.00
North :	650	47 37.38	114 52.16		4617.0	980439.12	980856.17	3.75	-157.47	1.36	0.00	0.00
North :	su00011	47 10.75	114 52.18		2755.0	980494.08	980816.13	4.08	-93.96	0.98	0.00	0.00
North :	574	47 32.09	114 52.22		2899.0	980539.95	980848.22	2.46	-98.88	1.02	0.00	0.00
North :	648	47 34.23	114 52.23		3205.0	980519.36	980851.44	2.21	-109.31	1.09	0.00	0.00
North :	575	47 30.57	114 52.28		2725.0	980548.73	980845.94	2.32	-92.94	0.97	0.00	0.00
North :	su00028	47 16.05	114 52.40		4440.0	980411.46	980824.10	1.92	-151.43	1.33	0.00	0.00
North :	794	47 38.97	114 52.40		5305.0	980402.87	980858.56	3.34	-180.94	1.44	0.00	0.00



## BOUGUER GRAVITY DATA

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Wallace Cusmap Gravity  
Stations from 1974-1981  
Meter ID: d-999 Date: 5-29-81

STATION		L U C A T I O N S		G R A V I T Y		C O R R E C T I O N S		A N O M A L I E S								
IDENTIFICATION		LATITUDE		LONGITUDE		ELE		ST								
proj	sta-id	den	min	deg	min	(in ft)										
North :	su00034	47	13.38	114	52.44	3095.0	Mt	980477.24	980820.09	4.10	-105.56	1.07	0.00	-51.85	-154.38	-145.93
North :	plains	47	27.66	114	52.73	2468.0	Mt	980554.98	980841.56	3.34	-84.18	0.90	0.00	-54.53	-136.26	-129.53
North :	573	47	33.43	114	52.88	2953.0	Mt	980535.35	980850.24	2.44	-100.72	1.03	0.00	-37.24	-136.55	-128.37
North :	611	47	10.70	114	53.20	2755.0	Mt	980494.12	980816.05	3.72	-93.96	0.98	0.00	-62.90	-154.13	-146.61
North :	su00029	47	16.74	114	53.31	5680.0	Mt	980335.87	980825.14	5.75	-193.73	1.48	0.00	44.66	-144.79	-129.18
North :	9611	47	10.17	114	53.48	2810.0	Mt	980486.51	980815.26	3.81	-95.84	0.99	0.00	-64.54	-157.57	-149.90
North :	su00171	47	29.01	114	53.59	2470.0	Mt	980560.95	980843.59	1.85	-84.24	0.90	0.00	-50.40	-133.69	-126.83
North :	su00003	47	6.16	114	53.67	3092.0	Mt	980453.89	980809.23	6.86	-105.46	1.07	0.00	-64.62	-164.28	-156.07
North :	su00027	47	15.29	114	53.67	3915.0	Mt	980438.50	980822.95	2.07	-133.53	1.24	0.00	-16.39	-149.09	-138.16
North :	su00172	47	26.97	114	53.68	2459.0	Mt	980552.02	980840.52	2.23	-83.87	0.90	0.00	-57.30	-139.83	-133.03
North :	su00174	47	24.98	114	53.81	2763.0	Mt	980533.68	980837.53	2.85	-94.24	0.98	0.00	-44.07	-136.44	-128.83
North :	su00150	47	19.45	114	53.95	2630.0	Mt	980525.13	980829.22	5.74	-89.70	0.95	0.00	-56.80	-141.71	-134.71
North :	572	47	35.40	114	54.38	3526.0	Mt	980500.86	980853.20	1.69	-120.26	1.17	0.00	-20.84	-140.57	-130.71
North :	su00045	47	17.64	114	54.39	5878.0	Mt	980316.96	980826.49	8.38	-200.48	1.49	0.00	43.01	-150.58	-134.63
North :	su00012	47	9.43	114	54.61	2911.0	Mt	980479.82	980814.14	4.33	-99.29	1.02	0.00	-60.62	-156.60	-148.69
North :	ak07	47	11.76	114	54.68	2754.0	Mt	980496.01	980817.65	5.92	-93.93	0.98	0.00	-62.70	-151.69	-144.36
North :	su00004	47	5.01	114	54.99	3270.0	Mt	980443.20	980807.49	6.72	-111.53	1.11	0.00	-56.84	-162.76	-154.03
North :	su00026	47	14.56	114	55.04	3606.0	Mt	980453.00	980821.86	1.96	-122.99	1.18	0.00	-29.83	-152.05	-141.98
North :	su00042	47	11.96	114	55.05	2717.0	Mt	980498.98	980817.95	3.83	-92.67	0.97	0.00	-63.50	-153.31	-145.91
North :	644	47	31.42	114	55.06	3050.0	Mt	980524.07	980847.22	2.05	-104.03	1.06	0.00	-36.38	-139.42	-130.93
North :	612	47	9.42	114	55.47	2911.0	Mt	980479.91	980814.13	4.63	-99.29	1.02	0.00	-60.52	-156.19	-148.31
North :	571	47	37.33	114	55.50	4241.0	Mt	980462.83	980856.10	1.51	-144.65	1.30	0.00	5.44	-139.01	-127.10
North :	su00173	47	22.36	114	55.56	4875.0	Mt	980396.75	980833.59	3.18	-166.27	1.40	0.00	21.45	-143.04	-129.49
North :	9626	47	14.86	114	55.96	3690.0	Mt	980450.30	980822.31	1.56	-125.85	1.20	0.00	-25.09	-150.59	-140.25
North :	su00005	47	3.68	114	56.06	3475.0	Mt	980426.47	980805.48	6.87	-118.52	1.15	0.00	-52.31	-165.11	-155.82
North :	su00175	47	26.10	114	56.10	2805.0	Mt	980535.32	980839.22	2.34	-95.67	0.99	0.00	-40.17	-134.49	-126.72
North :	568	47	41.69	114	56.13	3597.0	Mt	980504.29	980862.65	2.80	-122.68	1.18	0.00	-20.18	-141.25	-131.27
North :	su00177	47	27.63	114	56.15	2478.0	Mt	980554.66	980841.52	2.41	-84.52	0.90	0.00	-53.86	-136.87	-130.03
North :	su00179	47	29.09	114	56.39	2590.0	Mt	980544.09	980843.71	1.63	-88.34	0.94	0.00	-56.10	-143.74	-136.52
North :	su00120	47	15.73	114	56.40	3253.0	Mt	980474.75	980823.63	2.74	-110.95	1.10	0.00	-43.03	-152.34	-143.33
North :	su00041	47	10.41	114	56.67	3203.0	Mt	980469.40	980815.62	3.14	-109.24	1.09	0.00	-45.07	-152.27	-143.44
North :	645	47	32.11	114	56.80	3818.0	Mt	980476.56	980848.26	2.69	-130.22	1.23	0.00	-12.74	-141.50	-130.89
North :	639	47	57.36	114	56.86	3952.0	Mt	980508.64	980886.18	3.73	-134.79	1.25	0.00	-6.00	-138.31	-127.41
North :	su00044	47	18.16	114	56.87	4570.0	Mt	980406.00	980827.28	2.23	-155.87	1.35	0.00	8.35	-146.64	-133.87
North :	570	47	38.63	114	57.03	3601.0	Mt	980501.03	980858.05	5.16	-122.82	1.18	0.00	-18.47	-137.31	-127.52
North :	su00025	47	13.16	114	57.11	2889.0	Mt	980499.75	980819.75	3.02	-98.54	1.02	0.00	-48.37	-144.90	-136.95
North :	su00149	47	20.43	114	57.13	2690.0	Mt	980519.23	980830.69	4.53	-91.75	0.96	0.00	-58.53	-146.72	-139.45
North :	9612	47	8.80	114	57.40	3106.0	Mt	980460.37	980813.20	5.62	-105.94	1.07	0.00	-60.80	-162.18	-153.83
North :	564	47	44.09	114	57.53	3563.0	Mt	980466.88	980866.25	3.01	-121.52	1.17	0.00	-22.39	-142.08	-132.22
North :	su00006	47	2.21	114	57.79	3917.0	Mt	980399.28	980803.27	6.03	-133.60	1.24	0.00	-35.74	-164.55	-153.94

Meter ID: d-909 Date: 5-29-81

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STATION IDENTIFICATION		LATITUDE		LONGITUDE		ELEVATION		GRAVITY		CORRECTIONS		ANOMALIES	
proj	sta-id	deg	min	deg	min	ft	in	observed	theoretical	terrain	bouguer	complete	free
		(in ft)		(in ft)									
North	: 9625	47	14.10	114	57.81	3270.0	Mt	980468.56	980821.16	2964	-109.83	1.10	0.00
North	: 853	47	29.05	114	57.85	2617.0	Mt	980542.16	980843.66	2.58	-89.26	0.94	0.00
North	: su00013	47	8.61	114	57.86	3209.0	Mt	980453.82	980812.91	5.62	-109.45	1.09	0.00
North	: 643	47	36.15	114	57.88	4140.0	Mt	980464.21	980854.32	3.74	-141.20	1.28	0.00
North	: su00178	47	28.21	114	57.93	2725.0	Mt	980536.53	980842.39	1.87	-92.94	0.97	0.00
North	: 567	47	41.26	114	58.02	3365.0	Mt	980515.32	980862.01	1.78	-114.77	1.13	0.00
North	: 534	47	47.58	114	58.10	3527.0	Mt	980514.31	980871.50	4.62	-120.30	1.17	0.00
North	: su00110	47	14.08	114	58.13	2682.0	Mt	980505.18	980821.14	3.79	-91.47	0.96	0.00
North	: 625	47	13.13	114	58.33	2880.0	Mt	980492.53	980819.70	3.13	-98.23	1.01	0.00
North	: 647	47	33.94	114	58.37	3072.0	Mt	980517.90	980851.01	9.41	-104.78	1.06	0.00
North	: 569	47	39.66	114	58.43	3341.0	Mt	980516.17	980859.60	5.57	-113.95	1.12	0.00
North	: 636	47	56.46	114	58.48	3332.0	Mt	980540.53	980884.83	3.08	-113.64	1.12	0.00
North	: su00084	46	58.98	114	58.65	4665.0	Mt	980350.75	980798.41	3.73	-159.11	1.37	0.00
North	: 613	47	8.60	114	58.66	3209.0	Mt	980453.96	980812.89	6.04	-109.45	1.09	0.00
North	: 637	47	58.12	114	58.83	3518.0	Mt	980541.85	980847.33	2.21	-119.99	1.16	0.00
North	: 641	47	52.12	114	58.86	3601.0	Mt	980517.62	980878.32	3.39	-122.82	1.18	0.00
North	: 638	47	59.40	114	59.04	3358.0	Mt	980549.96	980889.24	2.34	-114.53	1.13	0.00
North	: 646	47	32.66	114	59.05	2627.0	Mt	980544.76	980849.08	4.92	-89.60	0.95	0.00
North	: su00007	47	1.08	114	59.10	4203.0	Mt	980381.81	980801.51	4.84	-143.35	1.30	0.00
North	: su00043	47	16.15	114	59.21	3400.0	Mt	980465.61	980824.26	1.92	-115.96	1.14	0.00
North	: 535	47	45.98	114	59.29	3047.0	Mt	980538.88	980869.09	3.25	-103.92	1.05	0.00
North	: su00148	47	20.70	114	59.47	2610.0	Mt	980520.55	980831.09	4.35	-89.02	0.94	0.00
North	: 576	47	31.40	114	59.59	2459.0	Mt	980554.51	980847.18	4.73	-83.87	0.90	0.00
North	: 635	47	55.60	114	59.63	3314.0	Mt	980540.52	980843.55	4.27	-113.03	1.12	0.00
North	: 9613	47	8.16	114	59.67	3400.0	Mt	980444.16	980812.23	5.69	-115.96	1.14	0.00
North	: 790	47	35.57	114	59.81	3374.0	Mt	980502.99	980853.45	6.03	-115.08	1.13	0.00
North	: 564	47	41.30	114	59.90	3187.0	Mt	980528.09	980862.06	3.45	-108.70	1.09	0.00
North	: 533	47	47.15	115	0.02	3093.0	Mt	980538.50	980870.85	3.14	-105.49	1.07	0.00
North	: 640	47	55.11	115	0.03	3892.0	Mt	980506.32	980842.80	8.36	-132.74	1.24	0.00
North	: 858	47	28.21	115	0.10	2760.0	Mt	980532.10	980842.39	4.45	-94.14	0.98	0.00
North	: su00018	47	7.51	115	0.21	3535.0	Mt	980437.07	980811.26	5.28	-120.57	1.17	0.00
North	: 531	47	50.06	115	0.31	3228.0	Mt	980536.63	980875.22	3.56	-110.10	1.10	0.00
North	: 565	47	43.05	115	0.50	3025.0	Mt	980539.50	980864.70	3.52	-103.17	1.05	0.00
North	: su00015	47	6.84	115	0.52	3705.0	Mt	980418.36	980810.24	5.38	-126.37	1.20	0.00
North	: 642	47	51.77	115	0.53	3333.0	Mt	980531.34	980877.79	2.47	-113.68	1.12	0.00
North	: 521	48	0.27	115	0.62	3350.0	Mt	980551.42	980890.55	1.62	-114.26	1.13	0.00
North	: su00028	47	0.36	115	0.66	4655.0	Mt	980355.79	980800.49	3.35	-158.77	1.37	0.00
North	: 520	48	1.36	115	0.74	4330.0	Mt	980548.74	980892.19	1.01	-116.99	1.14	0.00
North	: 530	47	52.68	115	0.77	3236.0	Mt	980539.43	980879.16	2.99	-110.37	1.10	0.00
North	: su00093	46	57.01	115	0.78	4990.0	Mt	980334.74	980795.45	2.02	-169.85	1.41	0.00

Wallace Gusmap Gravity  
 Stations from 1974-1981  
 Meter ID: d-999 Date: 5-29-81

STATION IDENTIFICATION	L LATITUDE deg min	C LONGITUDE deg min	T TIME min	O OBSERVED ELEVATION (in ft)	G GRAVITY THEORETICAL	T TERRAIN BOUGUER CURV	C CORRECTION	S SPECIAL	A FREE AIR	N NOMINAL	I COMPLETE ROUGUER	E SPEC FIELDS
North : w1105A	47 39.70	115	0.90	4445.0 Mt	980447.75	980859.66	4.38	-151.61	1.34	0.00	5.97	-142.59 -130.35
North : su00016	47 5.71	115	0.93	4023.0 Mt	980403.40	980808.55	4.20	-137.21	1.26	0.00	-26.93	-161.20 -150.14
North : su00035	47 12.35	115	0.95	2954.0 Mt	980483.18	980818.53	4.68	-100.75	1.03	0.00	-57.62	-154.72 -146.72
North : 536	47 44.78	115	0.95	3000.0 Mt	980542.11	980867.29	2.45	-102.32	1.04	0.00	-43.12	-144.04 -135.72
North : su00145	47 17.30	115	0.98	3250.0 Mt	980476.85	980825.98	2.06	-110.85	1.10	0.00	-43.57	-153.46 -144.41
North : su00147	47 20.13	115	1.04	2700.0 Mt	980516.05	980830.23	3.26	-92.09	0.97	0.00	-60.33	-150.13 -142.73
North : su00094	46 55.32	115	1.13	4320.0 Mt	980369.54	980792.91	3.38	-147.34	1.32	0.00	-17.23	-162.51 -150.54
North : su00142	47 14.01	115	1.15	2680.0 Mt	980507.70	980821.03	3.88	-91.41	0.96	0.00	-61.35	-149.84 -142.54
North : 532	47 48.58	115	1.16	3104.0 Mt	980540.83	980873.00	4.70	-105.87	1.07	0.00	-40.34	-142.57 -134.15
North : 9616	47 4.74	115	1.24	4206.0 Mt	980390.16	980807.09	4.21	-143.45	1.30	0.00	-21.50	-162.04 -150.46
North : 614	47 7.48	115	1.25	3535.0 Mt	980437.12	980811.21	5.55	-120.57	1.17	0.00	-41.74	-157.92 -148.35
North : 615	47 6.81	115	1.46	3745.0 Mt	980418.15	980810.20	5.28	-127.73	1.21	0.00	-39.96	-163.62 -153.43
North : 902	47 35.57	115	1.46	3825.0 Mt	980475.40	980853.45	9.84	-130.46	1.23	0.00	-18.45	-140.30 -130.26
North : su00010	46 58.53	115	1.52	5990.0 Mt	980283.18	980797.73	2.20	-204.30	1.50	0.00	48.51	-155.09 -138.31
North : 789	47 34.33	115	1.69	5061.0 Mt	980398.97	980851.59	14.96	-172.62	1.42	0.00	19.15	-139.93 -126.82
North : 616	47 5.66	115	1.72	4022.0 Mt	980403.44	980808.47	4.14	-137.18	1.26	0.00	-26.90	-161.21 -150.14
North : 537	47 43.97	115	1.75	2904.0 Mt	980545.56	980866.07	4.29	-99.05	1.02	0.00	-47.48	-143.25 -135.36
North : 857	47 28.50	115	1.85	3680.0 Mt	980478.41	980837.88	6.66	-124.15	1.19	0.00	-22.19	-140.87 -131.09
North : 525	47 55.03	115	1.94	3354.0 Mt	980536.84	980842.69	2.03	-114.40	1.13	0.00	-30.51	-144.00 -134.65
North : su00023	47 2.06	115	2.17	5556.0 Mt	980334.99	980803.05	1.96	-189.50	1.47	0.00	34.23	-154.77 -139.20
North : 577	47 31.66	115	2.18	2444.0 Mt	980548.07	980847.58	9.59	-83.36	0.89	0.00	-69.71	-144.37 -138.22
North : su00017	47 4.11	115	2.26	4697.0 Mt	980361.75	980806.13	3.05	-160.20	1.37	0.00	-2.82	-161.34 -148.28
North : w11057	47 38.52	115	2.26	5634.0 Mt	980374.70	980857.88	10.67	-192.16	1.47	0.00	46.43	-136.54 -121.46
North : 632	47 51.79	115	2.48	3506.0 Mt	980523.44	980877.82	3.04	-119.58	1.16	0.00	-24.76	-142.46 -132.76
North : 529	47 53.97	115	2.56	3283.0 Mt	980538.89	980881.09	3.14	-111.97	1.11	0.00	-33.54	-143.49 -134.43
North : 617	47 4.11	115	2.79	4697.0 Mt	980361.72	980806.13	3.09	-160.20	1.37	0.00	-2.85	-161.33 -148.28
North : 855	47 27.56	115	2.79	3133.0 Mt	980504.22	980841.41	8.33	-106.86	1.08	0.00	-42.63	-142.23 -134.03
North : 624	47 41.26	115	2.81	3531.0 Mt	980508.23	980862.01	4.20	-120.43	1.17	0.00	-25.80	-143.19 -133.52
North : su00160	47 21.07	115	2.87	2942.0 Mt	980505.60	980831.66	2.36	-100.34	1.03	0.00	-49.44	-148.45 -140.29
North : 524	47 56.83	115	3.00	3723.0 Mt	980518.70	980885.39	1.47	-126.98	1.21	0.00	-16.67	-143.39 -132.94
North : 506	47 43.91	115	3.08	3097.0 Mt	980533.75	980865.98	3.05	-105.63	1.07	0.00	-41.06	-144.70 -136.16
North : su00036	47 12.22	115	3.09	3173.0 Mt	980464.45	980818.34	5.59	-108.22	1.09	0.00	-55.56	-159.28 -150.73
North : su00143	47 15.67	115	3.13	2800.0 Mt	980504.02	980823.53	3.11	-95.50	0.99	0.00	-56.24	-149.63 -141.93
North : 9617	47 3.70	115	3.45	5160.0 Mt	980339.70	980805.52	1.87	-175.99	1.43	0.00	19.26	-156.29 -141.83
North : 523	47 58.94	115	3.48	3911.0 Mt	980510.05	980888.55	2.70	-133.59	1.24	0.00	-10.82	-142.76 -131.89
North : 534	47 42.79	115	3.50	2853.0 Mt	980544.88	980864.30	5.85	-97.31	1.01	0.00	-51.18	-143.64 -136.02
North : 522	48 0.45	115	3.60	3646.0 Mt	980536.13	980890.82	0.97	-124.35	1.19	0.00	-11.91	-136.49 -126.22
North : w11056	47 37.94	115	3.89	5565.0 Mt	980378.44	980857.07	10.13	-189.81	1.47	0.00	44.49	-136.65 -121.73
North : 856	47 26.28	115	3.95	3350.0 Mt	980492.95	980839.48	17.81	-114.26	1.13	0.00	-31.57	-129.15 -109.53
North : 578	47 32.15	115	3.96	2422.0 Mt	980545.65	980848.31	14.58	-82.61	0.89	0.00	-74.94	-143.85 -138.17

Wallace Rusmap Gravity

Stations from 1974-1981

Meter ID: d-999 Date: 5-29-81

STATION IDENTIFICATION proj	LATITUDE deg min	LONGITUDE deg min	ELEVATION (in ft)	GRAVITY OBSERVED THEORETICAL	CORRECTIONS		SPECIAL	ANOMALIES				
					TERRAIN BOUGUER CURV	SPECIAL		FREE AIR	COMPLETE-BOUGUER d1=2.67 d2=2.50 FIELDS			
North : 507	47 45.78	115	4.10	3190.0 Mt	980530.86	980868.80	4.50 -108.80	1.09	0.00	-38.02	-143.41	-134.72
North : w11055	47 36.25	115	4.16	6919.0 Mt	980278.86	980854.48	21.94 -235.99	1.52	0.00	74.73	-140.84	-123.07
North : 527	47 55.17	115	4.17	3651.0 Mt	980522.06	980882.90	1.35 -124.52	1.19	0.00	-17.59	-141.95	-131.70
North : su00018	47 4.43	115	4.22	6027.0 Mt	980288.72	980806.62	2.71 -205.56	1.50	0.00	48.65	-155.71	-138.87
North : su00146	47 19.33	115	4.39	2641.0 Mt	980519.50	980829.04	2.94 -90.08	0.95	0.00	-61.22	-149.31	-142.05
North : 631	47 53.63	115	4.42	4493.0 Mt	980468.70	980880.58	4.29 -153.24	1.34	0.00	10.51	-139.79	-127.41
North : wa-7	47 42.54	115	4.71	2875.0 Mt	980542.40	980863.93	6.44 -98.06	1.01	0.00	-51.22	-143.85	-136.22
North : su00010	47 3.71	115	5.01	5355.0 Mt	980327.58	980805.53	2.11 -182.64	1.45	0.00	25.44	-156.54	-141.54
North : su00144	47 17.25	115	5.08	2700.0 Mt	980503.38	980825.91	2.74 -92.09	0.97	0.00	-68.66	-158.98	-151.54
North : su00163	47 24.26	115	5.16	3680.0 Mt	980464.21	980836.45	2.92 -125.51	1.20	0.00	-26.26	-150.05	-139.85
North : su00020	47 6.10	115	5.37	4460.0 Mt	980380.12	980809.13	3.60 -152.12	1.34	0.00	-9.72	-159.58	-147.23
North : su00161	47 22.70	115	5.38	3130.0 Mt	980496.23	980834.10	3.32 -106.75	1.08	0.00	-43.59	-148.10	-139.49
North : 610	47 3.69	115	5.40	5363.5 Mt	980327.35	980805.50	2.07 -182.93	1.45	0.00	26.05	-156.27	-141.24
North : w11006	47 4.27	115	5.59	5392.0 Mt	980326.90	980806.38	6.64 -183.90	1.45	0.00	27.40	-151.32	-136.59
North : wa6	47 40.51	115	5.79	2759.0 Mt	980540.34	980860.88	14.18 -94.10	0.98	0.00	-61.13	-142.03	-135.36
North : 526	47 55.06	115	5.97	3543.0 Mt	980527.88	980882.73	2.00 -120.84	1.17	0.00	-21.75	-141.76	-131.87
North : 903	47 43.10	115	6.00	3184.0 Mt	980523.48	980864.77	6.69 -108.60	1.09	0.00	-41.93	-144.92	-136.44
North : 508	47 47.35	115	6.00	3318.0 Mt	980522.16	980871.16	7.29 -113.17	1.12	0.00	-37.04	-144.03	-135.22
North : 633	47 52.73	115	6.17	3733.0 Mt	980512.12	980879.23	11.52 -127.32	1.21	0.00	-16.16	-133.17	-123.53
North : 850	47 29.55	115	6.37	3600.0 Mt	980483.09	980844.41	16.81 -122.79	1.18	0.00	-22.85	-130.01	-121.18
North : 858	47 31.48	115	6.45	2837.0 Mt	980522.45	980847.30	12.83 -96.76	1.00	0.00	-58.11	-143.05	-136.05
North : su00191	47 18.23	115	6.53	2649.0 Mt	980514.72	980827.38	2.93 -90.35	0.95	0.00	-63.59	-151.96	-144.68
North : 579	47 32.96	115	6.53	2525.0 Mt	980545.17	980849.52	10.13 -86.12	0.92	0.00	-66.95	-143.86	-137.52
North : su00022	47 3.81	115	6.56	6153.0 Mt	980279.02	980805.69	2.60 -209.86	1.50	0.00	51.72	-157.04	-139.84
North : 9619	47 3.80	115	6.92	6198.0 Mt	980276.66	980805.66	2.72 -211.40	1.51	0.00	53.61	-156.57	-139.26
North : su00037	47 10.91	115	7.26	3698.0 Mt	980435.23	980816.37	5.87 -126.13	1.20	0.00	-33.46	-154.92	-144.91
North : su00162	47 23.15	115	7.43	3421.0 Mt	980477.86	980834.77	3.02 -116.68	1.14	0.00	-35.29	-150.09	-140.63
North : 904	47 44.08	115	7.57	4330.0 Mt	980466.54	980866.24	3.74 -147.68	1.32	0.00	7.36	-137.90	-125.93
North : 630	47 53.25	115	7.70	3867.0 Mt	980506.27	980880.02	2.04 -131.89	1.23	0.00	-10.19	-141.28	-130.47
North : 528	47 55.85	115	7.80	3805.0 Mt	980514.94	980883.91	1.68 -129.78	1.22	0.00	-11.26	-140.58	-129.92
North : w11068	47 7.28	115	8.02	7409.0 Mt	980196.13	980810.91	22.80 -252.70	1.50	0.00	81.61	-149.79	-130.73
North : wa5	47 39.66	115	8.10	2655.0 Mt	980534.09	980859.60	29.66 -90.55	0.95	0.00	-75.88	-137.72	-132.63
North : 620	47 51.88	115	8.11	4145.0 Mt	980486.64	980877.96	2.32 -141.37	1.29	0.00	-1.63	-141.97	-130.41
North : 580	47 33.70	115	8.44	2418.0 Mt	980548.01	980850.65	13.39 -82.47	0.89	0.00	-75.28	-145.25	-139.49
North : su00216	47 16.21	115	8.46	2857.0 Mt	980496.76	980824.34	4.38 -97.44	1.01	0.00	-59.36	-153.43	-145.68
North : 509	47 49.00	115	8.58	3514.0 Mt	980513.85	980873.63	6.38 -119.85	1.16	0.00	-29.40	-144.04	-134.59
North : 623	47 46.13	115	8.75	4643.0 Mt	980445.93	980869.31	4.30 -158.36	1.36	0.00	13.09	-142.33	-129.52
North : 622	47 46.98	115	8.81	4805.0 Mt	980437.93	980870.59	9.20 -163.88	1.39	0.00	19.04	-137.03	-124.17
North : 9622	47 1.69	115	8.93	5034.0 Mt	980342.44	980802.49	1.78 -171.69	1.41	0.00	13.18	-158.15	-144.03
North : su00192	47 19.89	115	9.23	3025.0 Mt	980494.66	980829.88	2.90 -103.17	1.05	0.00	-50.80	-152.12	-143.78

Wallace Gusman Gravity

Stations from 1974-1981

Meter ID: d-999 Date: 5-29-81

BOUGUER GRAVITY DATA

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STATION		L O C A T I O N S		G R A V I T Y		C O R R E C T I O N S		A N O M A L I E S		S P E C I A L		F R E E		C O M P L E T E _ B O U G U E R		S P E C	
prof	sta-id	LATITUDE	LONGITUDE	ele	ST	URSERVED	THEORETICAL	TERRAIN	BOUGUER	CURV	SPECIAL	AIR	d1=2.67	d2=2.50	FILDS		
		den	deg	min	(in ft)												
North :	515	47 57.68	115 9.31	3989.0	Mt	980507.59	980886.66	2.83	-136.05	1.26	0.00	-4.05	-138.53	-127.45			
North :	su00039	47 9.95	115 9.37	4627.0	Mt	980382.66	980814.92	3.15	-157.81	1.36	0.00	2.73	-153.30	-140.44			
North :	su00321	47 2.38	115 9.42	4974.0	Mt	980347.55	980803.53	1.89	-169.65	1.41	0.00	11.61	-157.55	-143.62			
North :	su00020	47 0.41	115 9.48	6062.0	Mt	980281.86	980800.56	2.35	-206.76	1.50	0.00	51.13	-154.78	-137.81			
North :	6320	47 0.38	115 9.60	6059.0	Mt	980282.07	980800.52	2.35	-206.65	1.50	0.00	51.10	-154.70	-137.75			
North :	6321	47 2.35	115 9.63	4974.0	Mt	980347.73	980803.49	1.85	-169.65	1.41	0.00	11.85	-157.36	-143.42			
North :	510	47 50.68	115 9.72	3679.0	Mt	980510.77	980876.16	4.37	-125.48	1.20	0.00	-19.50	-141.81	-131.73			
North :	514	47 56.42	115 9.88	4089.0	Mt	980500.14	980884.77	1.56	-139.46	1.28	0.00	-0.21	-139.39	-127.93			
North :	w11059	47 35.93	115 9.89	6232.0	Mt	980305.89	980853.99	29.35	-212.55	1.51	0.00	37.69	-147.02	-131.80			
North :	511	47 52.35	115 9.98	3835.0	Mt	980505.59	980878.66	3.45	-130.80	1.23	0.00	-12.52	-141.10	-130.51			
North :	516	47 59.83	115 10.03	3647.0	Mt	980527.93	980889.89	4.80	-124.39	1.19	0.00	-19.09	-139.87	-129.92			
North :	su00038	47 8.86	115 10.33	5824.0	Mt	980338.73	980813.29	2.14	-185.00	1.45	0.00	31.33	-152.98	-137.79			
North :	w41	47 39.00	115 10.38	2624.0	Mt	980535.75	980858.61	22.97	-89.50	0.94	0.00	-76.14	-143.61	-138.05			
North :	512	47 53.60	115 10.39	4189.0	Mt	980488.97	980880.53	1.71	-142.87	1.29	0.00	2.25	-140.21	-128.47			
North :	9322	47 3.43	115 10.51	6084.0	Mt	980281.28	980805.12	2.76	-207.51	1.50	0.00	48.07	-158.18	-141.19			
North :	581	47 34.70	115 10.57	2410.0	Mt	980545.05	980852.14	15.69	-82.20	0.88	0.00	-80.50	-147.89	-142.34			
North :	513	47 48.37	115 10.67	4060.0	Mt	980499.85	980882.45	1.87	-138.47	1.27	0.00	-0.90	-138.78	-127.42			
North :	618	47 58.31	115 10.76	3847.0	Mt	980495.19	980872.63	5.77	-131.21	1.23	0.00	-15.76	-142.43	-132.00			
North :	w83	47 37.61	115 10.92	2551.0	Mt	980531.23	980856.52	29.83	-87.01	0.92	0.00	-85.43	-143.53	-138.75			
North :	861	47 32.52	115 11.21	6957.0	Mt	980260.69	980848.87	33.69	-237.28	1.52	0.00	65.73	-139.38	-122.48			
North :	517	48 1.78	115 11.39	3565.0	Mt	980538.42	980892.82	0.36	-121.59	1.17	0.00	-19.23	-141.64	-131.55			
North :	951	47 21.74	115 11.41	3856.0	Mt	980451.91	980832.66	4.60	-131.52	1.23	0.00	-18.22	-146.37	-135.81			
North :	598	47 40.20	115 11.42	3011.0	Mt	980512.08	980860.41	18.41	-102.70	1.05	0.00	-65.24	-150.57	-143.54			
North :	su00217	47 14.22	115 11.44	3343.0	Mt	980463.00	980821.35	4.90	-114.02	1.12	0.00	-44.04	-154.29	-145.20			
North :	su00322	47 3.34	115 11.76	5301.0	Mt	980331.55	980804.98	1.44	-180.80	1.44	0.00	24.89	-155.91	-141.01			
North :	933	47 27.69	115 11.86	5335.0	Mt	980372.68	980841.61	8.95	-181.96	1.45	0.00	32.59	-141.87	-127.50			
North :	518	48 3.42	115 12.03	3486.0	Mt	980545.77	980895.28	0.40	-118.90	1.16	0.00	-21.77	-141.42	-131.56			
North :	625	47 54.25	115 12.05	4162.0	Mt	980491.70	980881.52	0.88	-141.95	1.29	0.00	1.47	-140.90	-129.17			
North :	598	47 38.53	115 12.11	4236.0	Mt	980445.25	980857.91	10.58	-144.48	1.30	0.00	-14.42	-149.62	-138.48			
North :	553	47 56.36	115 12.24	3599.0	Mt	980527.43	980844.68	3.37	-122.75	1.18	0.00	-18.89	-139.45	-129.52			
North :	595	47 81.40	115 12.25	3367.0	Mt	980496.89	980862.21	15.49	-114.84	1.13	0.00	-48.77	-149.25	-140.97			
North :	608	47 51.78	115 12.34	4162.0	Mt	980486.20	980877.80	2.44	-141.95	1.29	0.00	-0.32	-141.13	-129.52			
North :	su00319	46 58.05	115 12.46	6260.0	Mt	980268.34	980797.02	3.32	-213.51	1.51	0.00	59.77	-151.93	-134.49			
North :	su00206	47 16.82	115 12.46	3349.0	Mt	980468.83	980825.26	2.51	-115.59	1.14	0.00	-37.80	-152.02	-142.61			
North :	dk21	47 42.45	115 12.53	3707.0	Mt	980483.62	980863.79	12.05	-126.43	1.20	0.00	-31.66	-147.25	-137.72			
North :	596	47 42.46	115 12.53	3707.0	Mt	980472.61	980863.81	12.03	-126.43	1.20	0.00	-42.68	-158.29	-148.77			
North :	582	47 34.94	115 12.64	2583.0	Mt	980536.34	980852.50	10.36	-88.10	0.93	0.00	-73.30	-151.97	-145.49			
North :	620	47 47.96	115 12.69	4017.0	Mt	980481.17	980872.06	12.67	-137.01	1.26	0.00	-13.25	-138.85	-128.50			
North :	su00218	47 12.72	115 12.84	3779.0	Mt	980452.07	980819.09	4.40	-128.89	1.22	0.00	-31.74	-157.44	-147.09			
North :	su00253	47 36.36	115 12.87	2476.0	Mt	980537.43	980854.64	7.78	-84.45	0.90	0.00	-84.41	-161.98	-155.59			

Wallace Gusman Gravity  
Stations from 1974-1981  
Meter ID: J-999 Date: 5-29-81

STATION		L U C A T I O N S		G R A V I T Y		C O R R E C T I O N S		A N O M A L I T I E S	
IDENTIFICATION	LATITUDE	LONGITUDE	ELE	OBSERVED	THEORETICAL	TERRAIN BOUGUER CURV	SPECIAL	FREE AIR	COMPLTE BOUGUER
prof	sta-id	deg min	(in ft)					AIR	d1=2.67 d2=2.50
		deg min							FIELDS
North :	860	47 32.14	115 12.92	5210.0 Mt	980384.22	980848.30	0.00	25.69	-142.01 -128.19
North :	550	47 58.11	115 13.00	3470.0 Mt	980537.20	980887.30	0.00	-23.87	-139.37 -129.86
North :	w11007	47 3.86	115 13.09	4693.0 Mt	980367.71	980805.76	0.00	3.14	-152.10 -139.30
North :	993	47 14.81	115 13.12	3697.0 Mt	980444.46	980822.23	0.00	-30.20	-147.55 -137.88
North :	551	47 59.54	115 13.12	3462.0 Mt	980541.45	980889.45	0.00	-22.52	-139.46 -129.82
North :	510	48 4.43	115 13.45	3317.0 Mt	980554.52	980896.79	0.00	-27.60	-142.29 -132.84
North :	705	47 38.73	115 13.46	5420.0 Mt	980380.01	980858.20	0.00	31.31	-145.87 -131.27
North :	619	47 48.96	115 13.63	5272.0 Mt	980405.98	980873.57	0.00	27.90	-143.95 -129.79
North :	552	48 1.53	115 13.09	3445.0 Mt	980545.60	980892.45	0.00	-22.95	-141.09 -131.36
North :	su00252	47 30.77	115 14.02	3235.0 Mt	980502.08	980846.23	0.00	-40.01	-146.90 -138.09
North :	su00194	47 21.88	115 14.11	3313.0 Mt	980484.19	980832.88	0.00	-37.20	-149.22 -139.99
North :	977	47 13.26	115 14.12	5070.0 Mt	980365.40	980819.91	0.00	22.11	-147.87 -133.86
North :	su00196	47 26.58	115 14.31	3750.0 Mt	980467.00	980839.94	0.00	-20.38	-147.08 -136.64
North :	607	47 52.27	115 14.48	5107.0 Mt	980422.22	980878.55	0.00	23.76	-148.45 -134.26
North :	su00198	47 28.68	115 14.54	4974.0 Mt	980396.95	980843.09	0.00	21.45	-147.62 -133.69
North :	621	47 47.10	115 14.59	5168.0 Mt	980414.95	980870.77	0.00	30.00	-141.76 -127.61
North :	597	47 43.71	115 14.71	5666.0 Mt	980376.15	980865.69	0.00	43.08	-145.06 -129.55
North :	su00323	47 4.09	115 14.72	6060.0 Mt	980286.85	980806.11	0.00	50.39	-154.98 -138.05
North :	su00317	46 55.14	115 14.79	5080.0 Mt	980337.25	980792.70	0.00	22.11	-150.92 -136.66
North :	w11066	47 9.30	115 14.83	7052.0 Mt	980217.33	980813.95	0.00	66.23	-155.27 -137.02
North :	w111	47 32.15	115 14.85	2960.0 Mt	980518.88	980848.31	0.00	-51.13	-138.47 -131.27
North :	w11	47 34.81	115 14.91	2498.0 Mt	980540.69	980852.31	0.00	-76.75	-156.17 -149.63
North :	su00195	47 24.40	115 15.19	3413.0 Mt	980478.67	980836.66	0.00	-37.11	-151.68 -142.24
North :	628	47 48.92	115 15.33	6082.0 Mt	980367.49	980873.51	0.00	65.68	-135.66 -119.07
North :	627	47 50.52	115 15.47	5937.0 Mt	980371.93	980875.91	0.00	54.09	-141.37 -125.27
North :	626	47 52.77	115 15.47	4970.0 Mt	980436.13	980879.29	0.00	24.05	-143.28 -129.49
North :	549	47 56.63	115 15.47	4041.0 Mt	980498.25	980885.09	0.00	-6.93	-141.66 -130.56
North :	w110	47 33.86	115 15.50	2485.0 Mt	980543.54	980850.88	0.00	-73.69	-152.61 -146.10
North :	w11062	47 38.87	115 15.61	6858.0 Mt	980280.14	980858.41	0.00	66.34	-143.80 -126.49
North :	906	47 42.20	115 15.78	4800.0 Mt	980424.00	980863.41	0.00	11.82	-141.07 -128.47
North :	dk12	47 22.05	115 15.81	3064.0 Mt	980497.64	980833.13	0.00	-47.41	-147.82 -139.55
North :	978	47 12.61	115 15.97	5004.0 Mt	980366.74	980818.93	0.00	18.23	-149.55 -135.73
North :	990	47 2.87	115 16.00	5986.0 Mt	980285.58	980804.27	0.00	44.00	-153.24 -136.99
North :	r979	47 10.87	115 16.00	6258.0 Mt	980286.45	980816.31	0.00	58.39	-148.83 -131.75
North :	su00324	47 2.61	115 16.50	5920.0 Mt	980296.54	980803.88	0.00	49.15	-151.53 -135.00
North :	548	47 54.95	115 16.64	3614.0 Mt	980516.97	980842.56	0.00	-25.82	-143.57 -133.87
North :	991	47 5.12	115 16.71	6560.0 Mt	980252.62	980807.66	0.00	61.58	-150.08 -132.64
North :	w11060	47 38.13	115 16.81	6865.0 Mt	980272.08	980857.30	0.00	60.05	-146.21 -129.22
North :	547	47 53.46	115 16.92	3711.0 Mt	980509.57	980880.33	0.00	-21.87	-143.66 -133.62
North :	606	47 56.42	115 16.98	3522.0 Mt	980527.49	980884.77	0.00	-26.15	-141.80 -132.27

# ROUGHER GRAVITY DATA

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Wallace Gusmap Gravity  
Stations from 1974-1981  
Meter ID: d-909 Date: 5-29-81

STATION		LATITUDE		C A T I		N S		G R A V I T Y		C O R R E C T I O N S		A N O M A L I E S	
IDENTIFICATION		LONGITUDE		ELE		ST		OBSERVED THEORETICAL		TERRAIN BOUGUER CURV		COMPLETE BOUGHER	
prof	sta-id	deg min	deg min	deg min	(in ft)								
North :	907	47 44.24	115 17.23	5340.0	Mt	980399.40	980866.48	6.44	-182.13	1.45	0.00	34.90	-142.24
North :	952	47 21.43	115 17.28	2969.0	Mt	980499.88	980832.20	5.94	-101.26	1.04	0.00	-53.16	-149.52
North :	w11061	47 41.22	115 17.41	7188.0	Mt	980262.80	980861.95	28.16	-245.16	1.51	0.00	76.47	-142.05
North :	su00246	47 31.59	115 17.65	3810.0	Mt	980469.85	980847.47	1.78	-129.95	1.22	0.00	-19.42	-148.81
North :	557	47 48.00	115 17.72	4207.0	Mt	980470.80	980872.13	8.82	-143.49	1.30	0.00	-5.83	-141.79
North :	934	47 28.80	115 17.80	5178.0	Mt	980384.36	980843.27	3.39	-176.61	1.43	0.00	27.84	-146.80
North :	554	47 50.85	115 17.80	3724.0	Mt	980503.88	980876.41	9.35	-127.02	1.21	0.00	-22.41	-141.29
North :	su00325	47 44.03	115 17.90	4607.0	Mt	980369.93	980806.02	2.06	-157.13	1.36	0.00	-2.98	-159.41
North :	558	47 46.90	115 17.95	4665.0	Mt	980443.14	980870.48	7.31	-159.11	1.37	0.00	11.21	-141.95
North :	504	47 45.11	115 17.96	5100.0	Mt	980413.35	980867.78	7.67	-173.95	1.42	0.00	24.99	-142.71
North :	r980	47 11.23	115 18.00	6216.0	Mt	980286.84	980816.85	9.85	-212.01	1.51	0.00	54.30	-149.37
North :	su00332	47 13.62	115 18.20	5780.0	Mt	980322.09	980820.45	3.09	-197.14	1.48	0.00	44.98	-150.55
North :	605	47 57.39	115 18.53	3446.0	Mt	980534.80	980886.23	4.76	-117.53	1.15	0.00	-27.45	-141.37
North :	593	47 36.30	115 18.65	2895.0	Mt	980520.94	980854.55	5.35	-98.74	1.02	0.00	-61.42	-155.83
North :	932	47 32.53	115 18.69	5045.0	Mt	980385.29	980848.88	16.03	-172.07	1.42	0.00	10.67	-146.79
North :	w11067	47 9.13	115 18.88	5739.0	Mt	980309.31	980813.70	11.27	-195.74	1.48	0.00	35.10	-150.85
North :	546	47 52.28	115 18.92	3684.0	Mt	980511.27	980878.55	6.22	-125.65	1.20	0.00	-20.93	-141.56
North :	su00201	47 24.98	115 18.96	4710.0	Mt	980410.82	980837.53	2.33	-160.64	1.37	0.00	16.07	-143.62
North :	555	47 49.47	115 18.98	3893.0	Mt	980493.05	980874.34	14.27	-132.78	1.24	0.00	-15.29	-135.04
North :	505	47 46.04	115 18.99	6026.0	Mt	980361.23	980869.18	6.31	-205.53	1.50	0.00	58.49	-142.23
North :	su00200	47 26.30	115 19.17	5800.0	Mt	980344.18	980839.52	4.88	-197.82	1.48	0.00	49.87	-144.55
North :	w80	47 34.56	115 19.55	2468.0	Mt	980552.57	980851.94	3.80	-84.18	0.90	0.00	-67.31	-148.59
North :	935	47 28.10	115 19.70	5960.0	Mt	980337.57	980842.22	6.98	-203.28	1.49	0.00	55.59	-142.20
North :	988	47 3.62	115 19.71	3852.0	Mt	980411.05	980805.40	8.16	-131.38	1.23	0.00	-32.20	-156.66
North :	503	47 44.86	115 19.71	4362.0	Mt	980452.27	980867.41	9.89	-148.78	1.32	0.00	-5.06	-145.27
North :	578	47 15.46	115 19.74	6149.0	Mt	980302.17	980823.22	5.02	-209.72	1.50	0.00	56.96	-149.24
North :	dk14	47 22.03	115 19.81	3000.0	Mt	980498.83	980833.10	6.88	-102.32	1.04	0.00	-52.21	-148.69
North :	556	47 49.30	115 20.20	4418.0	Mt	980464.72	980874.22	5.31	-150.69	1.33	0.00	5.84	-140.87
North :	604	47 57.83	115 20.53	3337.0	Mt	980542.09	980886.88	5.51	-113.82	1.12	0.00	-31.06	-140.49
North :	545	47 52.85	115 20.56	3478.0	Mt	980523.12	980879.41	7.61	-118.62	1.15	0.00	-29.31	-141.48
North :	su00245	47 31.50	115 20.61	3174.0	Mt	980503.85	980847.34	3.06	-108.26	1.09	0.00	-45.06	-151.35
North :	987	47 2.20	115 20.86	3750.0	Mt	980418.24	980803.27	7.67	-127.90	1.21	0.00	-32.46	-153.90
North :	dk13	47 22.61	115 20.88	3050.0	Mt	980499.84	980833.97	4.61	-104.03	1.06	0.00	-47.36	-147.84
North :	thompson	47 35.71	115 21.04	2410.0	Mt	980556.65	980853.66	3.39	-82.20	0.88	0.00	-70.42	-150.11
North :	w88	47 35.11	115 21.08	2389.0	Mt	980557.34	980852.77	3.95	-81.48	0.88	0.00	-70.79	-149.20
North :	592	47 37.78	115 21.13	2777.0	Mt	980535.23	980856.77	4.54	-94.72	0.99	0.00	-60.44	-151.60
North :	su00326	47 3.40	115 21.14	3711.0	Mt	980423.22	980805.07	3.21	-126.57	1.20	0.00	-32.95	-157.52
North :	su00327	47 4.99	115 21.26	3618.0	Mt	980426.72	980807.46	3.75	-123.40	1.18	0.00	-40.57	-161.40
North :	550	47 51.48	115 21.36	4213.0	Mt	980478.45	980877.35	7.13	-143.69	1.30	0.00	-2.83	-140.69
North :	su00331	47 12.02	115 21.49	3910.0	Mt	980429.59	980818.94	3.22	-133.36	1.24	0.00	-21.75	-153.13

# BOUGUER GRAVITY DATA

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Wallace Gusmap Gravity  
Stations from 1974-1981  
Meter ID: 0-999 Date: 5-29-81

STATION		L	U	C	A	T	I	N	S	G P A V I T Y		C O R R E C T I O N S		A N O M A L I E S			
IDENTIFICATION		LATITUDE	LONGITUDE	deg	min	sec	ELE	ST	THEORETICAL	TERRAIN	BOUGUER	CURV	SPECIAL	FREE	COMPLETE	ROUGHER	SPEC
prof	sta-id	den	min	deg	min	(in ft)								AIR	d1=2.67	d2=2.50	FIELDS
North :	579	47 15.65	115 22.07	6322.0	Mt	980290.87	980823.50		5.37	-215.63	1.51	0.00	61.63	-150.14	-132.69		
North :	su00244	47 32.19	115 22.18	3007.0	Mt	980516.30	980848.38		2.93	-102.56	1.04	0.00	-49.36	-150.03	-141.74		
North :	w11065	47 29.02	115 22.19	5980.0	Mt	980329.13	980843.61		14.45	-203.96	1.49	0.00	47.65	-143.36	-127.62		
North :	936	47 33.42	115 22.50	2870.0	Mt	980522.24	980850.22		9.51	-97.89	1.01	0.00	-58.14	-147.53	-140.16		
North :	502	47 43.22	115 22.50	2980.0	Mt	980520.96	980864.95		14.29	-101.64	1.04	0.00	-63.81	-152.20	-144.91		
North :	992	47 5.79	115 22.76	3637.0	Mt	980428.45	980808.66		5.81	-124.05	1.19	0.00	-38.27	-157.70	-147.86		
North :	982	47 4.30	115 23.00	3909.0	Mt	980412.23	980806.42		7.68	-133.32	1.24	0.00	-26.68	-153.57	-143.11		
North :	su00328	47 6.81	115 23.08	3485.0	Mt	980438.56	980810.20		3.79	-118.86	1.16	0.00	-43.98	-160.21	-150.64		
North :	su00219	47 19.64	115 23.21	3635.0	Mt	980456.94	980829.50		3.73	-123.98	1.19	0.00	-30.81	-152.25	-142.25		
North :	500	47 37.10	115 23.21	2414.0	Mt	980557.34	980855.75		4.25	-82.33	0.89	0.00	-71.43	-150.40	-143.90		
North :	su00202	47 24.46	115 23.45	3363.0	Mt	980487.76	980836.75		1.96	-114.70	1.13	0.00	-32.81	-146.68	-137.30		
North :	540	47 52.28	115 23.65	3316.0	Mt	980530.34	980878.55		6.66	-113.10	1.12	0.00	-36.45	-148.01	-135.14		
North :	560	47 50.34	115 23.69	5080.0	Mt	980426.78	980875.64		6.40	-173.26	1.42	0.00	28.69	-139.60	-125.73		
North :	w412	47 34.44	115 23.70	2620.0	Mt	980542.43	980851.75		7.27	-89.36	0.94	0.00	-62.58	-145.62	-138.78		
North :	603	47 58.96	115 23.75	3202.0	Mt	980549.62	980888.59		8.13	-109.21	1.09	0.00	-37.92	-140.10	-131.68		
North :	953	47 23.05	115 23.95	3130.0	Mt	980495.15	980834.63		3.00	-106.75	1.08	0.00	-45.20	-150.03	-141.39		
North :	981	47 8.23	115 24.00	3397.0	Mt	980446.04	980812.34		7.62	-115.86	1.14	0.00	-46.91	-156.29	-147.28		
North :	dk15	47 23.22	115 24.02	3130.0	Mt	980496.07	980834.88		2.87	-106.75	1.08	0.00	-44.53	-149.49	-140.85		
North :	501	47 42.09	115 24.17	2571.0	Mt	980558.10	980863.25		5.05	-87.69	0.93	0.00	-63.42	-146.99	-140.10		
North :	019	47 35.32	115 24.19	2720.0	Mt	980539.05	980853.08		5.05	-92.77	0.97	0.00	-58.29	-146.98	-139.67		
North :	591	47 39.94	115 24.38	2392.0	Mt	980565.28	980860.02		3.70	-81.58	0.88	0.00	-69.83	-148.60	-142.11		
North :	su00330	47 9.03	115 24.40	3343.0	Mt	980452.12	980813.54		3.90	-114.02	1.12	0.00	-47.12	-158.36	-149.20		
North :	031	47 31.22	115 24.40	5450.0	Mt	980364.66	980846.91		19.55	-185.88	1.46	0.00	30.07	-137.72	-123.89		
North :	580	47 15.97	115 24.73	6338.0	Mt	980289.74	980823.98		5.48	-216.17	1.51	0.00	61.52	-150.68	-133.19		
North :	634	47 39.26	115 24.73	2410.0	Mt	980561.58	980858.99		4.36	-82.20	0.88	0.00	-70.82	-149.54	-143.06		
North :	616	47 54.47	115 24.75	4024.0	Mt	980496.39	980881.84		10.09	-137.25	1.26	0.00	-7.15	-135.57	-124.99		
North :	su00220	47 21.96	115 24.76	3180.0	Mt	980485.28	980832.99		3.06	-108.46	1.09	0.00	-48.73	-155.22	-146.44		
North :	w413	47 33.91	115 24.86	2651.0	Mt	980540.70	980850.96		9.21	-90.42	0.95	0.00	-61.00	-143.16	-136.39		
North :	030	47 32.53	115 25.04	2910.0	Mt	980521.68	980848.88		8.72	-99.25	1.02	0.00	-53.60	-145.15	-137.61		
North :	563	47 45.48	115 25.38	2718.0	Mt	980550.37	980868.34		15.43	-92.70	0.97	0.00	-62.42	-140.67	-134.22		
North :	su00221	47 21.52	115 25.76	3325.0	Mt	980481.44	980832.33		2.83	-113.41	1.12	0.00	-37.87	-149.57	-140.37		
North :	023	47 36.22	115 25.80	2770.0	Mt	980536.58	980854.43		7.99	-94.48	0.98	0.00	-57.41	-144.88	-137.67		
North :	su00203	47 25.68	115 25.98	3692.0	Mt	980476.37	980838.59		1.73	-125.92	1.20	0.00	-15.11	-140.50	-130.17		
North :	542	47 9.92	115 26.00	3235.0	Mt	980460.57	980814.88		4.56	-110.34	1.10	0.00	-50.15	-157.03	-148.22		
North :	590	47 43.22	115 26.00	2379.0	Mt	980575.93	980864.95		4.36	-81.14	0.88	0.00	-65.33	-142.99	-136.59		
North :	983	47 3.80	115 26.21	3966.0	Mt	980408.47	980805.64		7.47	-135.27	1.25	0.00	-24.34	-153.39	-142.76		
North :	916	47 40.36	115 26.37	2579.0	Mt	980558.07	980860.66		2.61	-87.96	0.93	0.00	-60.10	-146.38	-139.27		
North :	017	47 41.22	115 26.37	2593.0	Mt	980561.01	980861.95		2.53	-88.44	0.94	0.00	-57.13	-144.18	-137.01		
North :	577	47 14.03	115 26.47	4080.0	Mt	980425.43	980821.96		3.04	-139.16	1.27	0.00	-12.56	-149.95	-138.63		
North :	602	47 58.34	115 26.47	3370.0	Mt	980541.48	980887.71		4.52	-114.94	1.13	0.00	-28.99	-140.55	-131.35		



Wallace Gusman Gravity  
Stations from 1974-1981  
Meter ID: d-999 Date: 5-29-81

STATION		L U C A T I O N S		G R A V I T Y		C O R R E C T I O N S		A N O M A L I E S	
IDENTIFICATION	proj	lat	lon	ele	st	theoretical	terrain	free	complete
sta-id		den	deg	min	(in ft)			air	d1=2.67 d2=2.50
									fields
North :	581	47 16.57	115 26.65	6035.0	Mt	980824.88	4.22	55.50	-147.61
North :	543	47 51.80	115 26.74	2762.0	Mt	980877.83	12.76	-52.48	-134.90
North :	966	47 0.79	115 26.88	6481.0	Mt	9808251.51	14.66	59.59	-148.32
North :	su00222	47 17.67	115 27.06	4660.0	Mt	980826.54	1.95	4.59	-153.77
North :	su00243	47 33.76	115 27.13	2731.0	Mt	980850.73	3.42	-55.75	-146.45
North :	w11064	47 27.63	115 27.50	6011.0	Mt	980841.52	11.91	54.44	-140.17
North :	562	47 45.28	115 27.54	2558.0	Mt	980872.45	3.69	-55.08	-139.56
North :	918	47 38.24	115 27.58	2818.0	Mt	980535.14	9.27	-57.37	-145.21
North :	599	47 53.73	115 28.00	3470.0	Mt	980533.56	8.31	-20.93	-132.13
North :	w11063	47 31.81	115 28.15	5749.0	Mt	980349.05	19.14	41.66	-136.76
North :	920	47 36.48	115 28.20	2913.0	Mt	980529.07	9.86	-51.87	-142.38
North :	915	47 40.68	115 28.23	2584.0	Mt	980558.37	3.14	-59.81	-145.74
North :	914	47 42.00	115 28.25	2606.0	Mt	980560.64	2.39	-57.45	-144.88
North :	su00204	47 25.85	115 28.48	3760.0	Mt	980468.29	1.62	-17.05	-144.89
North :	582	47 17.02	115 28.55	5988.0	Mt	980318.32	4.29	55.64	-145.80
North :	588	47 47.09	115 28.69	2576.0	Mt	980575.57	5.99	-52.99	-135.79
North :	985	47 2.14	115 28.71	5730.0	Mt	980309.36	6.37	44.83	-145.72
North :	589	47 44.63	115 28.88	2582.0	Mt	980570.71	2.19	-53.59	-140.40
North :	908	47 42.96	115 28.90	2567.0	Mt	980567.98	2.42	-55.22	-141.28
North :	984	47 3.68	115 28.94	5427.0	Mt	980328.78	5.80	33.46	-147.30
North :	su00223	47 19.05	115 29.14	4070.0	Mt	980433.08	2.67	-12.90	-150.32
North :	543	47 11.21	115 29.23	3080.0	Mt	980472.96	5.29	-54.28	-155.10
North :	542	47 51.33	115 29.25	2572.0	Mt	980583.07	16.56	-52.23	-124.33
North :	600	47 55.19	115 29.38	4097.0	Mt	980500.43	6.32	2.37	-132.32
North :	576	47 13.83	115 29.61	3520.0	Mt	980460.19	3.59	-29.63	-147.26
North :	553	47 7.31	115 30.01	6210.0	Mt	980281.47	6.45	54.26	-152.60
North :	937	47 45.14	115 30.15	2538.0	Mt	980573.43	2.28	-55.77	-140.98
North :	924	47 33.01	115 30.23	2852.0	Mt	980536.00	6.75	-45.46	-136.99
North :	583	47 17.38	115 30.38	5906.9	Mt	980325.08	4.14	54.23	-144.59
North :	921	47 36.65	115 30.38	3120.0	Mt	980522.66	10.15	-39.07	-136.41
North :	544	47 10.08	115 30.39	3283.0	Mt	980456.62	4.72	-49.84	-158.20
North :	dk16	47 24.69	115 30.73	3370.0	Mt	980484.41	7.46	-35.84	-144.45
North :	954	47 24.69	115 30.73	3376.0	Mt	980483.81	7.31	-35.88	-144.85
North :	552	47 6.10	115 30.75	6288.0	Mt	980274.78	6.09	56.72	-153.17
North :	575	47 12.10	115 31.03	2988.0	Mt	980481.29	5.42	-55.94	-153.47
North :	561	47 48.79	115 31.12	2340.0	Mt	980593.83	7.37	-59.47	-132.78
North :	541	47 50.92	115 31.42	2491.0	Mt	980589.61	9.59	-52.69	-128.97
North :	su00205	47 26.63	115 31.51	3641.0	Mt	980475.24	2.68	-22.46	-145.14
North :	584	47 18.22	115 31.61	6151.0	Mt	980313.15	5.69	63.97	-141.64
North :	513	47 47.36	115 31.70	2488.0	Mt	980583.39	2.51	-53.85	-137.10
North :						980871.16			-126.73
North :						980873.32			-128.69
North :						980876.52			-125.03
North :						980880.13			-141.64
North :						980887.37			-124.70
North :						980891.16			-130.24

Wallace Cusmap Gravity  
Stations from 1974-1981

STATION		L O C A T I O N		G R A V I T Y		C O R R E C T I O N S		A N O M A L I E S																			
IDENTIFICATION		LATITUDE		LONGITUDE		ELEVATION		SURFACE		THEORETICAL		TERRAIN		BOUGUER		SPECIAL		FREE AIR		COMPLETE		BOUGUER		SPECIAL			
prof		sta-id		deg min		deg min		(in ft)		ST		ST		ST		ST		ST		ST		ST		ST		ST	
North :	536	47	44.36	115	31.72	2492.0	Mt	980574.40	980867.55	2.66	-84.99	0.91	0.00	-58.86	-142.10	-135.24											
North :	973	47	23.54	115	31.80	3845.0	Mt	980461.38	980835.37	4.87	-131.14	1.23	0.00	-12.50	-140.00	-129.49											
North :	922	47	36.83	115	32.32	3380.0	Mt	980509.07	980855.34	8.65	-115.28	1.13	0.00	-28.50	-136.26	-127.38											
North :	su00249	47	42.17	115	32.57	2587.0	Mt	980559.98	980863.37	3.24	-88.24	0.93	0.00	-60.15	-146.08	-139.00											
North :	909	47	42.15	115	32.68	2587.0	Mt	980560.14	980863.34	6.65	-88.24	0.93	0.00	-59.96	-142.48	-135.68											
North :	540	47	49.61	115	32.69	2388.0	Mt	980593.08	980874.54	4.34	-81.45	0.88	0.00	-56.94	-134.93	-128.50											
North :	545	47	8.87	115	32.88	3810.0	Mt	980428.17	980813.30	3.15	-129.95	1.22	0.00	-26.93	-154.95	-144.40											
North :	551	47	5.32	115	33.02	5461.0	Mt	980329.53	980807.96	2.12	-186.26	1.46	0.00	34.93	-150.66	-135.37											
North :	972	47	22.40	115	33.07	5080.0	Mt	980384.51	980833.65	5.15	-173.26	1.42	0.00	28.41	-141.13	-127.16											
North :	574	47	12.70	115	33.12	2934.0	Mt	980488.75	980819.06	5.28	-100.07	1.03	0.00	-54.45	-150.27	-142.37											
North :	938	47	15.05	115	33.28	2543.0	Mt	980572.54	980867.70	6.87	-86.73	0.92	0.00	-56.06	-136.84	-130.19											
North :	585	47	18.96	115	33.41	5219.0	Mt	980372.92	980828.48	2.21	-178.00	1.43	0.00	35.06	-142.17	-127.57											
North :	dk17	47	25.03	115	33.54	3538.0	Mt	980475.36	980837.61	8.17	-120.67	1.17	0.00	-29.62	-143.29	-133.92											
North :	su00215	47	21.14	115	33.58	6060.0	Mt	980324.25	980831.76	5.23	-206.69	1.50	0.00	62.13	-140.82	-124.10											
North :	512	47	48.90	115	33.76	2406.0	Mt	980592.86	980873.48	2.50	-82.06	0.88	0.00	-54.40	-134.84	-128.22											
North :	539	47	47.32	115	34.03	2704.0	Mt	980569.41	980871.11	1.92	-92.23	0.97	0.00	-47.46	-138.73	-131.21											
North :	968	47	28.27	115	34.13	6045.0	Mt	980330.45	980842.48	12.63	-206.18	1.50	0.00	56.20	-138.84	-122.77											
North :	925	47	32.50	115	34.40	3062.0	Mt	980524.72	980848.84	9.10	-104.44	1.06	0.00	-36.23	-132.63	-124.68											
North :	927	47	35.24	115	34.53	6407.0	Mt	980317.22	980852.95	22.46	-218.52	1.51	0.00	66.50	-131.07	-114.79											
North :	dk22	47	39.50	115	34.56	5106.0	Mt	980403.04	980859.35	17.68	-174.15	1.42	0.00	23.67	-134.22	-121.21											
North :	546	47	8.08	115	34.73	4102.0	Mt	980413.55	980812.11	2.40	-139.91	1.28	0.00	-12.92	-151.70	-140.27											
North :	930	47	45.35	115	34.80	2625.0	Mt	980567.60	980868.14	9.40	-89.53	0.95	0.00	-53.74	-134.81	-128.13											
North :	967	47	27.15	115	35.00	4109.0	Mt	980449.01	980840.80	6.31	-140.15	1.28	0.00	-5.49	-140.60	-129.47											
North :	587	47	49.72	115	35.04	2369.0	Mt	980597.31	980874.71	2.75	-80.80	0.87	0.00	-54.67	-133.60	-127.09											
North :	910	47	42.07	115	35.14	2690.0	Mt	980555.27	980863.23	10.59	-91.75	0.96	0.00	-55.03	-137.15	-130.38											
North :	586	47	52.09	115	35.31	2604.0	Mt	980586.48	980878.27	7.25	-88.81	0.94	0.00	-46.95	-129.46	-122.66											
North :	942	47	48.19	115	35.32	2657.0	Mt	980575.68	980872.41	2.54	-90.62	0.95	0.00	-46.92	-135.95	-128.62											
North :	586	47	18.95	115	35.55	4081.0	Mt	980441.41	980828.46	1.90	-139.19	1.27	0.00	-3.38	-141.95	-130.53											
North :	926	47	33.56	115	35.60	3440.0	Mt	980505.62	980850.43	10.50	-117.33	1.15	0.00	-21.40	-129.37	-120.47											
North :	550	47	5.59	115	35.77	5654.0	Mt	980322.84	980808.37	2.58	-192.84	1.47	0.00	45.98	-145.76	-129.96											
North :	556	47	8.90	115	35.89	5492.0	Mt	980333.63	980813.34	2.54	-187.32	1.46	0.00	36.56	-149.68	-134.33											
North :	537	47	45.52	115	35.93	2721.0	Mt	980562.44	980868.41	3.49	-92.81	0.97	0.00	-50.13	-140.42	-132.98											
North :	510	47	50.23	115	35.94	2368.0	Mt	980595.47	980875.48	2.53	-80.77	0.87	0.00	-57.36	-136.47	-129.95											
North :	971	47	22.54	115	35.96	5509.0	Mt	980361.01	980833.87	4.68	-187.90	1.46	0.00	45.01	-139.67	-124.45											
North :	dk18	47	25.13	115	36.05	3635.0	Mt	980474.47	980837.76	6.48	-123.98	1.19	0.00	-21.54	-140.23	-130.45											
North :	955	47	25.16	115	36.10	3636.0	Mt	980473.91	980837.80	6.76	-124.01	1.19	0.00	-22.05	-140.49	-130.73											
North :	573	47	13.97	115	36.18	2840.0	Mt	980496.51	980820.97	4.97	-96.86	1.00	0.00	-57.44	-150.34	-142.68											
North :	su00241	47	32.65	115	36.21	3183.0	Mt	980518.59	980849.06	4.07	-108.56	1.09	0.00	-31.21	-136.79	-128.09											
North :	547	47	7.13	115	36.30	4420.0	Mt	980397.22	980810.68	1.79	-150.75	1.33	0.00	2.14	-148.15	-135.77											
North :	976	47	20.33	115	36.37	3744.0	Mt	980459.57	980830.54	7.29	-127.70	1.21	0.00	-18.97	-140.59	-130.57											

# ROUGHNER GRAVITY DATA

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Wallace Gusmap Gravity  
Stations from 1974-1981  
Meter ID: d-999 Date: 5-29-81

STATION IDENTIFICATION proj	LATITUDE deg min	LONGITUDE deg min	ELEVATION (in ft)	GRAVITY OBSERVED	THEORETICAL	TERRAIN BOUGUER	CORRECTIONS CURV SPECIAL	FREE AIR	ANOMALIES			
									COMPLETE	BOUGUER	SPECIAL	
North : 589	47 20.45	115 36.44	3744.0	Mt 980459.68	980830.72	3.02	-127.70	1.21	0.00	-19.05	-144.93	-134.56
North : su00250	47 41.81	115 36.45	2823.0	Mt 980551.07	980862.83	4.14	-96.28	1.00	0.00	-46.34	-139.48	-131.81
North : 539	47 51.33	115 36.68	2364.0	Mt 980598.70	980877.13	2.83	-80.63	0.87	0.00	-56.15	-134.82	-128.34
North : 966	47 27.82	115 36.80	4934.0	Mt 980407.92	980841.80	2.66	-168.28	1.40	0.00	29.95	-137.08	-123.31
North : 940	47 45.64	115 36.81	2814.0	Mt 980557.96	980868.59	7.98	-95.98	1.00	0.00	-46.05	-135.04	-127.71
North : 572	47 15.88	115 37.10	3240.0	Mt 980486.24	980823.85	3.85	-110.51	1.10	0.00	-32.98	-140.74	-131.86
North : 943	47 49.07	115 37.21	2573.0	Mt 980584.08	980873.73	2.54	-87.76	0.93	0.00	-47.74	-133.89	-126.79
North : 946	47 50.69	115 37.26	2447.0	Mt 980594.02	980876.16	2.24	-83.46	0.90	0.00	-52.07	-134.18	-127.42
North : 929	47 33.32	115 37.50	3322.0	Mt 980513.72	980850.07	7.59	-113.30	1.12	0.00	-24.02	-130.86	-122.05
North : 549	47 6.18	115 37.77	5650.0	Mt 980324.51	980809.25	2.46	-192.70	1.47	0.00	46.38	-145.34	-129.55
North : su00240	47 31.00	115 37.77	3494.0	Mt 980492.60	980846.59	4.39	-119.17	1.16	0.00	-25.49	-141.43	-131.87
North : 970	47 22.77	115 37.78	5220.0	Mt 980376.98	980834.21	3.55	-178.04	1.44	0.00	33.49	-142.44	-127.94
North : 585	47 52.12	115 37.83	2419.0	Mt 980599.35	980878.32	2.29	-82.50	0.89	0.00	-51.52	-132.62	-125.94
North : 911	47 41.56	115 37.90	2920.0	Mt 980545.63	980862.45	10.04	-99.59	1.02	0.00	-42.28	-132.86	-125.39
North : 554	47 8.76	115 37.98	5780.0	Mt 980317.41	980813.13	3.34	-197.14	1.48	0.00	47.61	-147.67	-131.58
North : 969	47 23.85	115 38.04	4147.0	Mt 980443.30	980835.84	4.99	-141.44	1.29	0.00	-2.66	-140.40	-129.05
North : su00214	47 23.15	115 38.05	4675.0	Mt 980413.87	980834.77	1.42	-159.45	1.37	0.00	18.58	-140.82	-127.68
North : 548	47 7.65	115 38.14	5188.0	Mt 980351.96	980811.46	1.50	-176.95	1.43	0.00	28.20	-148.68	-134.10
North : w11014	47 37.76	115 38.54	6395.0	Mt 980325.01	980856.74	15.94	-218.12	1.51	0.00	69.38	-134.31	-117.53
North : 584	47 54.15	115 38.54	2556.0	Mt 980596.50	980881.36	2.55	-87.18	0.93	0.00	-44.54	-130.10	-123.05
North : 588	47 16.48	115 38.58	5825.0	Mt 980320.57	980824.75	7.35	-198.67	1.49	0.00	43.38	-149.43	-133.54
North : w11010	47 43.39	115 38.62	5798.0	Mt 980372.51	980865.20	18.05	-197.75	1.48	0.00	52.32	-128.86	-113.94
North : 944	47 49.74	115 38.66	2629.0	Mt 980581.07	980874.74	3.86	-89.67	0.95	0.00	-46.49	-133.24	-126.09
North : 947	47 30.76	115 38.74	3626.0	Mt 980484.45	980846.23	9.47	-123.67	1.19	0.00	-20.87	-136.26	-126.75
North : 538	47 44.85	115 38.80	3057.0	Mt 980544.73	980867.40	4.13	-104.26	1.06	0.00	-35.25	-136.44	-128.10
North : 587	47 17.98	115 38.90	5612.0	Mt 980348.09	980827.01	4.41	-191.41	1.47	0.00	48.64	-139.83	-124.30
North : 611	47 58.05	115 39.06	2764.0	Mt 980582.56	980887.22	8.18	-94.27	0.98	0.00	-44.78	-131.86	-124.68
North : 928	47 34.63	115 39.10	3664.0	Mt 980493.10	980852.04	10.39	-124.97	1.19	0.00	-14.46	-130.24	-120.70
North : 555	47 10.09	115 39.18	6898.0	Mt 980236.55	980815.14	12.78	-235.27	1.52	0.00	69.79	-154.22	-135.76
North : dkel9	47 26.24	115 39.18	3900.0	Mt 980459.95	980839.42	7.08	-133.02	1.24	0.00	-12.82	-140.00	-129.52
North : 965	47 27.72	115 39.28	5080.0	Mt 980400.86	980841.65	6.09	-173.26	1.42	0.00	36.76	-131.83	-117.94
North : 912	47 40.69	115 39.35	3120.0	Mt 980536.52	980861.15	7.52	-106.41	1.07	0.00	-31.28	-131.25	-123.01
North : 974	47 22.80	115 40.00	4147.0	Mt 980442.48	980834.25	6.26	-141.44	1.29	0.00	-1.90	-138.37	-127.12
North : 570	47 14.35	115 40.16	2670.0	Mt 980506.02	980821.55	6.09	-91.07	0.96	0.00	-64.48	-150.41	-143.33
North : 706	47 8.53	115 40.34	4785.0	Mt 980377.03	980812.79	1.62	-163.20	1.38	0.00	14.08	-148.89	-135.46
North : 975	47 21.19	115 40.40	3220.0	Mt 980494.60	980831.84	7.05	-109.83	1.10	0.00	-34.49	-138.36	-129.80
North : 947	47 51.71	115 40.43	2343.0	Mt 980603.33	980877.70	2.74	-79.91	0.87	0.00	-54.07	-132.11	-125.68
North : 599	47 48.96	115 40.52	2597.0	Mt 980570.46	980873.57	3.43	-88.58	0.94	0.00	-47.93	-134.02	-126.92
North : 591	47 24.54	115 40.54	5449.0	Mt 980381.41	980836.87	3.09	-185.85	1.46	0.00	45.77	-138.44	-123.27
North : 557	47 4.59	115 40.59	4335.0	Mt 980400.73	980806.86	2.24	-147.85	1.32	0.00	1.42	-145.51	-133.41

ROUGUER GRAVITY DATA

Wallace Cusmap Gravity  
Stations from 1974-1981  
Meter ID: d-999 Date: 5-29-81

STATION IDENTIFICATION	L LATITUDE	C LONGITUDE	I TIME	N ELEVATION (in ft)	ST	GRAVITY OBSERVED	THEORETICAL	CORRECTION		SPECIAL	ANOMALIES	
								TERRAIN	BOUGUER		FREE AIR	COMPLETE d1=2.67 d2=2.50
North : 410	47 56.41	115 40.62		2679.0	Mt	980586.62	980887.76	8.73	-91.37	0.00	-49.26	-132.86
North : 446	47 31.05	115 40.67		4629.0	Mt	980431.64	980846.66	5.98	-157.88	0.00	20.15	-133.11
North : 50725	46 59.26	115 40.75		4871.0	Mt	980363.31	980798.84	14.20	-166.14	0.00	22.39	-130.94
North : 514	47 54.13	115 40.87		2453.0	Mt	980601.69	980881.34	1.96	-83.66	0.00	-49.01	-131.61
North : w11011	47 42.69	115 41.16		5312.0	Mt	980413.98	980864.15	9.43	-181.18	0.00	49.18	-124.01
North : 941	47 44.03	115 41.24		3464.0	Mt	980519.48	980866.16	9.92	-118.15	0.00	-21.01	-130.38
North : 013	47 40.15	115 41.46		3540.0	Mt	980511.03	980860.34	10.44	-120.74	0.00	-16.49	-127.95
North : 956	47 27.33	115 41.75		4725.0	Mt	980420.26	980841.06	3.83	-161.16	0.00	23.38	-135.32
North : 617	47 56.53	115 41.78		2580.0	Mt	980606.16	980884.94	3.88	-81.17	0.00	-55.00	-133.17
North : 50726	47 1.48	115 42.04		5700.0	Mt	980311.88	980802.18	16.55	-194.41	0.00	45.52	-133.81
North : 511	47 51.70	115 42.18		2379.0	Mt	980602.27	980877.69	2.61	-81.14	0.00	-51.73	-131.13
North : 500735	47 34.36	115 42.20		4741.0	Mt	980437.20	980851.63	1.72	-161.70	0.00	31.26	-130.10
North : 445	47 31.52	115 42.23		5802.0	Mt	980367.68	980847.36	4.62	-197.89	0.00	65.71	-129.04
North : 707	47 8.22	115 42.38		4890.0	Mt	980373.49	980812.32	1.33	-166.78	0.00	20.87	-145.98
North : 614	48 1.35	115 42.40		2756.0	Mt	980584.31	980892.17	2.90	-94.00	0.00	-48.74	-140.82
North : 558	47 5.75	115 42.53		5260.0	Mt	980345.63	980808.60	2.52	-179.40	0.00	31.50	-146.82
North : 948	47 50.86	115 42.56		2506.0	Mt	980590.75	980876.43	6.19	-85.47	0.00	-50.05	-130.25
North : 045	47 48.21	115 42.89		2750.0	Mt	980573.63	980872.45	8.37	-93.79	0.00	-40.25	-126.66
North : 515	47 58.04	115 43.08		2421.0	Mt	980605.95	980847.20	2.96	-82.57	0.00	-53.62	-134.12
North : 615	48 3.10	115 43.17		3629.0	Mt	980535.85	980894.80	1.38	-123.77	0.00	-17.77	-141.35
North : w11008	47 39.86	115 43.30		4766.0	Mt	980444.29	980859.90	6.87	-162.55	0.00	32.43	-124.63
North : 444	47 31.73	115 43.49		5384.0	Mt	980493.04	980847.68	4.50	-183.63	0.00	51.48	-129.11
North : 560	47 13.91	115 43.73		2760.0	Mt	980510.56	980820.88	5.44	-94.14	0.00	-50.82	-140.45
North : 064	47 28.00	115 43.78		3615.0	Mt	980485.54	980842.21	6.21	-123.30	0.00	-16.80	-135.07
North : 040	47 50.62	115 43.87		2725.0	Mt	980577.98	980876.06	7.00	-92.94	0.00	-41.87	-128.78
North : 50727	47 1.67	115 44.00		5200.0	Mt	980354.57	980802.46	6.71	-177.36	0.00	40.94	-131.14
North : 517	47 56.52	115 44.03		2358.0	Mt	980605.57	980844.92	3.26	-80.42	0.00	-57.64	-135.68
North : 500211	47 21.21	115 44.09		3020.0	Mt	980506.30	980831.86	4.61	-103.00	0.00	-41.62	-141.06
North : 612	47 58.68	115 44.28		2346.0	Mt	980611.33	980848.16	3.68	-80.01	0.00	-56.26	-133.46
North : 050	47 49.24	115 44.46		4161.0	Mt	980496.39	980873.99	2.98	-141.92	0.00	13.58	-126.65
North : w11009	47 39.31	115 44.52		5526.0	Mt	980397.26	980859.08	7.08	-188.47	0.00	57.64	-125.22
North : 443	47 31.80	115 44.62		4965.0	Mt	980414.56	980847.79	8.53	-169.34	0.00	33.52	-128.70
North : 550	47 7.38	115 44.71		4624.0	Mt	980390.22	980811.05	8.20	-157.71	0.00	13.87	-144.01
North : 500234	47 35.65	115 45.37		3420.0	Mt	980511.17	980853.58	4.40	-116.65	0.00	-20.86	-134.25
North : 708	47 9.16	115 45.40		3965.0	Mt	980430.36	980813.73	1.98	-135.23	0.00	-10.61	-145.12
North : 590	47 23.11	115 45.41		3397.0	Mt	980491.73	980834.73	3.68	-115.86	0.00	-23.61	-136.93
North : w11015	47 58.40	115 45.58		2423.0	Mt	980605.09	980847.88	3.67	-82.64	0.00	-54.97	-134.83
North : 518	47 52.04	115 45.65		2351.0	Mt	980601.54	980879.09	4.12	-80.19	0.00	-56.51	-133.44
North : w11037	47 48.70	115 45.74		4048.0	Mt	980501.45	980873.18	4.95	-138.07	0.00	8.84	-125.55
North : 500212	47 19.26	115 45.76		2870.0	Mt	980512.46	980828.93	5.17	-97.89	0.00	-46.63	-140.35

# BOUGUER GRAVITY DATA

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Wallace Cusman Gravity  
Stations from 1974-1981  
Meter ID: d-999 Date: 5-29-81

STATION	L	U	C	A	T	I	O	N	S	G	R	A	V	I	T	Y	C	O	R	R	E	C	T	I	O	N	S	A	N	D	M	A	L	I	E	S
IDENTIFICATION	LATITUDE	LONGITUDE	ELE	ST	PROJ	deg	min	(in ft)		OBSERVED	THEORETICAL	BOUGUER	CURV	SPECIAL	FREE	COMPLETE	ROUGHER	SPEC																		
North : 56A	47 14.83	115 45.77	2560.0	Mt						980516.96	980822.27	6.15	-87.31	0.93	0.00	-64.60	-146.70	-139.93																		
North : su72A	47 1.20	115 45.82	5100.0	Mt						980360.74	980801.76	3.89	-173.95	1.42	0.00	3A.42	-133.05	-118.93																		
North : 961	47 29.30	115 45.89	3820.0	Mt						980462.63	980844.02	10.81	-130.29	1.23	0.00	-22.26	-142.96	-133.02																		
North : W42	47 31.71	115 45.95	4541.0	Mt						980439.49	980847.65	7.06	-154.88	1.35	0.00	18.74	-130.43	-118.14																		
North : w1103A	47 49.70	115 46.20	5351.0	Mt						980415.17	980874.6A	16.71	-1A2.51	1.45	0.00	43.50	-123.74	-109.96																		
North : 529	47 49.69	115 46.21	5351.0	Mt						980414.84	980874.67	6.81	-182.51	1.45	0.00	43.19	-133.95	-119.36																		
North : 50A	47 41.26	115 46.47	3399.0	Mt						980525.59	980862.01	4.01	-115.93	1.14	0.00	-16.84	-129.90	-120.59																		
North : 516	47 59.74	115 46.81	21A4.0	Mt						980619.52	980889.76	4.57	-74.49	0.82	0.00	-64.88	-135.62	-129.79																		
North : w11036	47 53.42	115 47.40	2499.0	Mt						980590.73	9808A0.27	14.34	-85.23	0.91	0.00	-54.57	-126.37	-120.46																		
North : 560	47 7.20	115 47.49	5260.0	Mt						980352.91	980810.79	2.17	-179.40	1.44	0.00	36.60	-142.07	-127.35																		
North : W41	47 31.62	115 47.67	39A3.0	Mt						980471.25	980847.52	11.14	-135.85	1.26	0.00	-1.81	-127.77	-117.39																		
North : 709	47 8.73	115 47.69	4300.0	Mt						980412.43	980813.09	1.45	-146.66	1.31	0.00	3.59	-142.93	-130.86																		
North : su00370	47 28.17	115 47.77	3275.0	Mt						980506.86	980842.33	4.65	-111.70	1.11	0.00	-27.56	-135.72	-126.81																		
North : 960	47 29.13	115 47.93	3730.0	Mt						980481.25	980843.77	9.51	-127.22	1.21	0.00	-11.85	-130.76	-120.96																		
North : 950	47 28.21	115 48.04	3276.0	Mt						980506.64	980842.39	7.93	-111.73	1.11	0.00	-27.75	-132.66	-124.01																		
North : 711	47 10.44	115 48.10	49A0.0	Mt						980376.50	980815.66	1.94	-169.85	1.41	0.00	29.00	-140.32	-126.37																		
North : 712	47 11.82	115 48.40	4636.0	Mt						98039A.81	980817.73	1.8A	-158.12	1.36	0.00	16.90	-140.70	-127.71																		
North : W3	47 27.82	115 48.50	3195.0	Mt						980509.72	980841.80	10.69	-108.97	1.09	0.00	-31.69	-131.06	-122.88																		
North : 567	47 15.09	115 48.55	24A4.0	Mt						980525.76	980822.66	5.08	-A4.72	0.91	0.00	-63.34	-143.89	-137.25																		
North : 710	47 9.24	115 48.60	5110.0	Mt						980366.55	980813.85	2.13	-174.29	1.42	0.00	33.07	-140.51	-126.21																		
North : su00210	47 23.23	115 48.64	3374.0	Mt						98048A.79	980834.91	3.88	-115.08	1.13	0.00	-28.89	-141.22	-131.97																		
North : 71A	47 13.59	115 48.65	3467.0	Mt						980470.88	980820.40	1.57	-118.25	1.15	0.00	-23.56	-141.39	-131.68																		
North : W40	47 31.34	115 48.78	3768.0	Mt						980480.56	980847.09	12.67	-128.52	1.22	0.00	-12.28	-129.34	-119.70																		
North : su720	47 0.72	115 48.98	6437.0	Mt						980274.58	980801.03	10.15	-219.55	1.51	0.00	78.61	-132.30	-114.92																		
North : 510	47 53.61	115 49.18	2627.0	Mt						980584.59	9808A0.55	5.05	-A9.60	0.95	0.00	-48.96	-134.46	-127.41																		
North : 713	47 12.30	115 49.20	4304.0	Mt						980420.13	980818.46	1.32	-146.80	1.31	0.00	6.30	-140.49	-128.39																		
North : su00237	47 36.82	115 49.47	2940.0	Mt						98054A.06	980855.34	4.13	-100.27	1.03	0.00	-30.85	-128.02	-120.01																		
North : 530	47 58.49	115 49.51	2541.0	Mt						980592.64	980887.8A	4.62	-A6.67	0.92	0.00	-56.33	-139.29	-132.46																		
North : 52A	47 48.84	115 49.70	48A2.0	Mt						980492.90	980873.41	2.49	-166.51	1.40	0.00	38.42	-127.00	-113.37																		
North : W30	47 31.17	115 49.79	3611.0	Mt						98048A.64	980846.84	15.34	-123.16	1.18	0.00	-18.71	-127.71	-118.73																		
North : su730	47 3.25	115 50.07	48A5.0	Mt						980373.45	980804.84	3.71	-166.61	1.40	0.00	27.84	-136.46	-122.92																		
North : 503	47 40.70	115 50.13	3000.0	Mt						980544.28	980861.16	3.69	-102.32	1.04	0.00	-34.82	-134.50	-126.28																		
North : 561	47 7.56	115 50.22	4805.0	Mt						980384.66	980811.33	1.28	-163.88	1.39	0.00	25.05	-138.94	-125.43																		
North : su724	47 0.55	115 50.34	6251.0	Mt						980287.20	980800.7A	7.75	-213.20	1.51	0.00	74.02	-132.94	-115.89																		
North : 565	47 12.42	115 50.54	27A0.0	Mt						980496.60	980818.64	4.7A	-94.82	0.99	0.00	-60.66	-151.6A	-144.18																		
North : 962	47 28.01	115 50.56	3034.0	Mt						980521.80	980842.09	9.86	-103.49	1.05	0.00	-35.04	-129.71	-121.91																		
North : i	47 11.46	115 50.65	2950.0	Mt						980487.60	980817.20	13.07	-100.62	1.03	0.00	-52.23	-140.81	-133.51																		
North : a	47 12.00	115 50.68	28A0.0	Mt						980494.50	980818.01	10.04	-98.23	1.01	0.00	-52.73	-141.93	-134.58																		
North : 564	47 14.96	115 50.74	2458.0	Mt						98052A.34	980822.46	4.83	-83.84	0.90	0.00	-63.00	-142.91	-136.32																		
North : 957	47 26.04	115 50.82	56A4.0	Mt						980360.09	980839.13	11.84	-193.86	1.48	0.00	55.28	-128.22	-113.10																		

Meter ID: d-909 Date: 5-29-81

[illegible]

# ROUGHIER GRAVITY DATA

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Wallace Gusman Gravity  
 Stations from 1974-1981  
 Refer ID: 41-999 Date: 5-29-81

STATION IDENTIFICATION proj	LATITUDE deg min	LONGITUDE deg min	EL (in ft)	ST	UNOBSERVED G P A V T Y	TERRAIN BOUGUER CURV	SPECIAL	FREE AIR	COMPLETE BOUGUER d1=2.67 d2=2.50	SPEC FIELDS
North :	su00230	47 32.24	115 53.16	4235.0 Mt	980848.45	1.72 -144.44	1.30	20.48	-123.54	-111.67
North :	su592	47 6.29	115 53.17	4920.0 Mt	980876.95	2.26 -167.81	1.40	30.06	-136.89	-123.13
North :	w36	47 29.59	115 53.22	3010.0 Mt	980829.30	6.71 -102.66	1.05	-32.16	-129.16	-121.17
North :	521	47 50.80	115 53.36	5069.0 Mt	980845.42	2.99 -172.89	1.42	45.60	-125.71	-111.60
North :	w22	47 22.81	115 53.41	3219.0 Mt	980804.18	10.64 -109.79	1.10	-27.44	-127.69	-119.43
North :	592	47 6.29	115 53.51	4920.0 Mt	980837.57	1.52 -167.81	1.40	31.68	-136.01	-122.20
North :	w19	47 24.92	115 53.51	4767.0 Mt	980822.64	3.28 -162.59	1.38	33.34	-127.35	-114.11
North :	h	47 10.09	115 53.53	3630.0 Mt	980858.23	4.27 -123.81	1.39	-15.62	-136.35	-126.40
North :	w11016	47 56.96	115 53.55	4050.0 Mt	980512.21	5.58 -138.13	1.27	7.38	-126.44	-115.42
North :	w11033	47 51.44	115 53.66	3990.0 Mt	980507.97	10.45 -136.09	1.26	5.78	-121.11	-110.65
North :	su736	47 5.44	115 53.67	4640.0 Mt	980892.64	3.22 -158.26	1.36	20.71	-135.69	-122.80
North :	w35	47 28.92	115 54.29	2865.0 Mt	980538.50	5.41 -97.72	1.01	-35.59	-128.90	-121.21
North :	w16	47 26.02	115 54.40	3352.0 Mt	980501.19	10.50 -114.33	1.13	-22.76	-127.71	-119.07
North :	w11043	47 48.91	115 54.49	3711.0 Mt	980519.70	9.26 -126.57	1.20	-4.90	-123.42	-113.65
North :	w11032	47 52.15	115 54.50	3823.0 Mt	980519.94	11.05 -130.39	1.23	-0.01	-120.58	-110.64
North :	su731	47 2.37	115 54.52	5735.0 Mt	980803.52	5.00 -195.60	1.48	54.99	-137.09	-121.27
North :	526	47 46.55	115 54.52	4438.0 Mt	980477.55	1.80 -151.37	1.33	24.81	-126.09	-113.65
North :	705	47 9.63	115 54.56	3845.0 Mt	980447.95	2.14 -131.14	1.23	-5.00	-135.23	-124.50
North :	su00232	47 37.37	115 54.58	3319.0 Mt	980532.89	1.04 -113.20	1.12	-11.22	-124.50	-115.17
North :	w11029	47 54.16	115 54.60	4798.0 Mt	980465.77	8.98 -163.65	1.39	35.44	-120.61	-107.75
North :	703	47 12.70	115 54.74	4535.0 Mt	980409.74	2.11 -154.68	1.35	17.02	-136.89	-124.21
North :	w11018	47 55.38	115 54.82	4842.0 Mt	980464.72	7.62 -165.15	1.39	36.69	-122.23	-109.13
North :	w15	47 26.40	115 54.94	3295.0 Mt	980504.52	9.86 -112.38	1.11	-25.35	-128.99	-120.45
North :	958	47 27.17	115 55.00	5229.0 Mt	980377.57	16.65 -178.35	1.44	28.30	-134.83	-121.39
North :	704	47 11.12	115 55.01	4397.0 Mt	980422.25	1.32 -149.97	1.33	18.94	-131.04	-118.68
North :	718	47 15.19	115 55.03	2398.0 Mt	980536.27	4.70 -81.79	0.88	-61.06	-139.03	-132.61
North :	502	47 38.55	115 55.03	2540.0 Mt	980578.86	2.29 -86.63	0.92	-40.25	-125.52	-118.49
North :	w11030	47 53.70	115 55.15	4125.0 Mt	980504.45	11.68 -140.69	1.28	11.56	-118.73	-107.99
North :	su738	47 6.10	115 55.21	4900.0 Mt	980377.83	5.15 -167.12	1.40	29.34	-134.03	-120.57
North :	w7	47 28.28	115 55.25	2742.0 Mt	980543.97	8.17 -93.52	0.98	-40.72	-127.05	-119.93
North :	532	47 56.40	115 55.31	5140.0 Mt	980444.96	3.99 -175.31	1.43	43.40	-129.34	-115.11
North :	su00231	47 33.59	115 55.42	2783.0 Mt	980554.09	3.27 -94.92	0.99	-34.72	-127.36	-119.72
North :	w11017	47 57.26	115 55.45	5411.0 Mt	980427.79	10.62 -184.55	1.45	50.41	-124.98	-110.53
North :	su00207	47 28.43	115 55.56	2730.0 Mt	980545.93	4.06 -93.11	0.97	-40.11	-130.14	-122.72
North :	720	47 18.56	115 55.66	2790.0 Mt	980518.41	4.56 -95.16	0.99	-47.14	-138.73	-131.18
North :	506	47 40.80	115 55.67	2475.0 Mt	980582.42	2.56 -84.41	0.90	-46.18	-128.94	-122.12
North :	w11045	47 50.29	115 55.71	3652.0 Mt	980524.29	10.32 -174.56	1.19	-7.93	-123.37	-113.85
North :	su737	47 5.35	115 55.87	5045.0 Mt	980368.37	5.34 -172.07	1.42	34.63	-133.51	-119.66
North :	719	47 17.24	115 55.91	2730.0 Mt	980521.50	3.85 -93.11	0.97	-47.77	-138.01	-130.57
North :	w11044	47 49.41	115 55.95	4248.0 Mt	980492.39	7.01 -144.89	1.30	17.50	-121.68	-110.21

# BOUGUER GRAVITY DATA

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Wallace Gusman Gravity  
Stations from 1974-1981  
Meter ID: d-999 Date: 5-29-81

STATION		I U C A T I		O N S		G R A V I T Y		C O R R E C T I O N S		A N O M A L I E S	
IDENTIFICATION	LATITUDE	LONGITUDE	ST	ELE	ST	OPSRVED	THEORETICAL	TERRAIN BOUGUER CURV	SPECIAL	FREE AIR	COMPLETE BOUGUER SPEC
prof	sta-id	deg min	deg min	(in ft)							d1=2.67 d2=2.50 FIELDS
North : 533	47 59.22	115 56.02	4984.0	Mt		980461.88	980888.98	4.97 -168.63	1.40	0.00	-127.38 -113.78
North : 534	47 59.22	115 56.02	4984.0	Mt		980461.88	980888.98	7.82 -92.12	0.97	0.00	-126.66 -119.64
North : su00208	47 26.74	115 56.10	3070.0	Mt		980518.57	980840.18	4.17 -103.00	1.05	0.00	-137.55 -129.32
North : 716	47 15.44	115 56.17	2381.0	Mt		980540.02	980823.18	4.40 -81.21	0.88	0.00	-136.97 -130.57
North : w11021	47 54.32	115 56.27	5383.0	Mt		980434.81	980881.62	5.87 -182.23	1.45	0.00	-122.36 -107.70
North : w11025	47 55.47	115 56.33	3566.0	Mt		980536.02	980883.34	14.32 -121.63	1.17	0.00	-120.54 -111.60
North : 527	47 45.60	115 56.34	3628.0	Mt		980526.23	980868.52	1.01 -123.74	1.19	0.00	-125.12 -114.91
North : w11046	47 52.17	115 56.34	5392.0	Mt		980427.21	980878.39	7.20 -183.90	1.45	0.00	-122.47 -107.79
North : w11048	47 51.15	115 56.39	3773.0	Mt		980521.07	980876.86	11.52 -128.69	1.22	0.00	-119.46 -109.70
North : su732	47 2.08	115 56.44	5791.0	Mt		980312.55	980803.09	7.98 -197.51	1.48	0.00	-137.18 -121.44
North : 501	47 36.40	115 56.44	2550.0	Mt		980579.26	980854.70	2.49 -86.97	0.92	0.00	-121.09 -114.05
North : 597	47 6.67	115 56.49	6180.0	Mt		980298.17	980809.99	5.81 -210.78	1.50	0.00	-137.37 -120.36
North : su00229	47 32.47	115 56.79	4077.0	Mt		980479.29	980848.80	1.42 -139.05	1.27	0.00	-125.12 -113.68
North : 702	47 12.11	115 56.83	3590.0	Mt		980467.49	980818.17	2.02 -122.44	1.18	0.00	-134.76 -124.74
North : 598	47 7.72	115 56.93	5895.0	Mt		980327.46	980811.57	4.13 -199.36	1.49	0.00	-131.38 -115.17
North : w11047	47 50.19	115 57.01	4129.0	Mt		980501.95	980875.41	5.12 -140.83	1.28	0.00	-122.28 -110.99
North : w11026	47 56.86	115 57.08	2914.0	Mt		980575.93	980885.44	12.11 -99.39	1.02	0.00	-123.83 -116.55
North : w11051	47 47.24	115 57.10	2767.0	Mt		980577.64	980870.98	7.09 -94.37	0.98	0.00	-121.46 -114.18
North : w11022	47 53.69	115 57.27	6065.0	Mt		980386.98	980880.67	10.65 -206.86	1.50	0.00	-121.29 -105.00
North : 535	47 53.68	115 57.29	6065.0	Mt		980386.67	980880.66	8.11 -206.86	1.50	0.00	-124.13 -107.63
North : 523	47 49.07	115 57.39	2902.0	Mt		980571.19	980873.73	3.58 -98.98	1.02	0.00	-126.12 -118.17
North : 963	47 29.58	115 57.62	2617.0	Mt		980557.62	980844.45	6.54 -89.26	0.94	0.00	-124.44 -117.54
North : 149	47 29.48	115 57.70	2617.0	Mt		980556.92	980844.30	7.22 -89.26	0.94	0.00	-124.30 -117.46
North : w11028	47 54.61	115 57.86	5879.0	Mt		980401.73	980862.05	10.63 -200.52	1.49	0.00	-119.07 -103.30
North : 524	47 46.30	115 57.93	2698.0	Mt		980579.69	980869.58	2.94 -92.02	0.96	0.00	-126.26 -118.84
North : 508	47 42.13	115 58.08	2555.0	Mt		980585.54	980863.31	1.97 -87.14	0.93	0.00	-123.64 -116.55
North : 505	47 39.35	115 58.53	2405.0	Mt		980587.15	980859.13	2.42 -82.03	0.88	0.00	-126.35 -119.72
North : w11050	47 51.21	115 58.53	3276.0	Mt		980553.81	980876.95	6.92 -111.73	1.11	0.00	-121.06 -112.33
North : w11052	47 47.85	115 58.71	3616.0	Mt		980527.44	980871.91	8.47 -123.33	1.18	0.00	-120.55 -110.99
North : w11027	47 57.97	115 58.71	2621.0	Mt		980595.13	980887.10	11.68 -89.39	0.94	0.00	-124.19 -117.71
North : w11049	47 50.07	115 58.91	3073.0	Mt		980564.18	980875.23	6.02 -104.81	1.06	0.00	-121.99 -113.76
North : w11024	47 55.26	115 58.98	5658.0	Mt		980416.49	980883.03	8.72 -192.98	1.47	0.00	-120.41 -105.11
North : 599	47 9.11	115 59.04	6129.0	Mt		980315.77	980813.66	6.43 -209.04	1.50	0.00	-125.87 -109.06
North : w11028	47 59.65	115 59.32	2491.0	Mt		980605.97	980889.63	11.65 -84.96	0.91	0.00	-123.66 -117.54
North : 700	47 10.52	115 59.39	5530.0	Mt		980354.12	980815.78	4.61 -188.61	1.46	0.00	-127.29 -112.01
North : w11053	47 45.42	115 59.53	3880.0	Mt		980510.05	980868.25	3.66 -132.33	1.24	0.00	-123.35 -112.64
North : w11054	47 46.52	115 59.60	4004.0	Mt		980505.19	980869.90	4.84 -136.56	1.26	0.00	-121.27 -110.32
North : 701	47 12.40	115 59.68	4299.0	Mt		980427.86	980818.61	2.11 -146.63	1.31	0.00	-132.42 -120.40
North : 717	47 14.75	115 59.73	2334.0	Mt		980545.36	980822.14	4.05 -79.61	0.86	0.00	-133.75 -127.45
North : w110	47 30.21	115 59.75	2529.0	Mt		980568.06	980845.40	6.39 -86.26	0.92	0.00	-122.33 -115.68



Meter ID: d-909 Date: 5-29-81

STATION		L U		C A		T I		N S		G R A V I T Y		C O R R E C T I O N S		A N O M A L I E S				
IDENTIFICATION		LATITUDE		LONGITUDE		ELE		ST		OBSERVED THEORETICAL		TERRAIN BOUQUER CURV		COMPLETE-BOUQUER SPEC				
proj	sta-id	deg	min	deg	min	(in	ft)					SPECIAL	FREE	d1=2.67	d2=2.50			
													AIR		FIELDS			
North :	su734	47	1-24	115	59.80	5935.0	Mt			980307.29	980801.82	8.88	-202.43	1.49	0.00	63.37	-131.66	-115.59
North :		47	13-24	116	0.97	2460.0	Mt			980533.50	980819.88	12.45	-83.90	0.90	0.00	-55.07	-127.43	-121.46
North :	k	47	13-70	116	1.20	2410.0	Mt			980540.41	980820.56	11.18	-82.20	0.88	0.00	-53.55	-125.45	-119.53
North :	l	47	14-22	116	1.32	2580.0	Mt			980532.42	980821.35	6.19	-88.00	0.93	0.00	-46.35	-129.08	-122.27
North :	m	47	13-09	116	1.42	2560.0	Mt			980530.62	980819.65	11.97	-87.31	0.93	0.00	-48.33	-124.60	-118.32
North :	su733	47	0-93	116	1.74	6044.0	Mt			980300.74	980801.35	16.12	-206.14	1.50	0.00	67.53	-123.99	-108.21
North :	w11	47	30-90	116	1.88	2439.0	Mt			980573.92	980846.43	6.30	-83.19	0.89	0.00	-43.19	-120.97	-114.56
North :	n	47	13-15	116	2.22	2600.0	Mt			980528.54	980819.74	11.74	-88.68	0.94	0.00	-46.74	-124.62	-118.20
North :	o	47	12-47	116	2.47	2680.0	Mt			980527.35	980818.71	10.64	-91.41	0.96	0.00	-39.38	-121.11	-114.38
North :	w12	47	31-63	116	2.98	2405.0	Mt			980579.17	980847.53	4.56	-82.03	0.88	0.00	-42.23	-120.58	-114.13
North :	o	47	12-37	116	3.31	2735.0	Mt			980523.83	980818.57	10.38	-93.28	0.97	0.00	-37.58	-121.46	-114.55
North :	w13	47	31-86	116	4.59	2363.0	Mt			980582.45	980847.88	4.42	-80.59	0.87	0.00	-43.24	-120.29	-113.94