

Principal facts for gravity stations in the Pueblo 1° x 2°  
quadrangle, south-central Colorado

by

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# Principal Facts for Gravity Stations in the Pueblo 1° x 2° Quadrangle

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## Introduction

This report provides principal facts for 2394 gravity stations within the Pueblo Colorado 1° x 2° quadrangle (38° to 39° N lat. and 104° to 106° W. long). These data are the basis of a Bouguer gravity map compiled by Boler and others (unpub. mapping) as part of the U.S. Geological Survey's (USGS) Conterminous United States Mineral Resource Assessment Program (CUSMAP). The principal facts (listed in the appendices) incorporate the 1971 International Gravity Standardization Net (IGSN-71) base-value adjustment (Morelli, 1971; Woollard, 1979) and the 1967 International Gravity Formula (GRS-67) (International Association of Geodesy, 1971) for theoretical gravity.

The gravity data here was compiled from published and unpublished USGS gravity data files and the gravity data files of the Defense Mapping Agency Aerospace Center (DMAAC); specific data sources and source areas are given in Table 1.

## USGS Gravity Surveys

This report distinguishes "USGS" data as the unpublished data obtained through computer listings and other records on file at the USGS. "Additional" data is that available from DMAAC (including those originally collected by J. E. Case of the USGS), and the San Luis Valley data collected by Davis (1979).

The "USGS" stations (see Table 2) were obtained during seven separate surveys conducted from 1965 through 1974. Table 3 lists principal facts for

Table 1. Gravity Data Sources

<u>Source</u>	<u>Area</u>	<u>Number of Stations</u>
U.S. Geological Survey		
Kleinkopf and others (1979)	Silver Cliff - Rosita Hills Mineral Districts	322
Kleinkopf and others (1970)	Cripple Creek Mineral District	262
D. L. Peterson, M. D. Kleinkopf and D. M. Kulik (USGS unpub. data)	Pueblo quadrangle	1082
G. H. Davis (1979)	San Luis Valley	115
Department of Defense (DOD)		
Defense Mapping Agency Aerospace Center (1975)	Pueblo quadrangle	393
J. E. Case (USGS unpub. data)	Arkansas Valley	<u>221</u>
	<b>Total</b>	<b>2395</b>

the gravity base stations used during these surveys. The fundamental base station to which all these field bases were tied is the base WU-7 established by Behrendt and Woollard (1961) at the Colorado School of Mines. They reported the gravity at WU-7 as 979584.2 mgals. For the IGSN-71 base adjustment, the value of Woollard's Madison, Wisconsin base (to which WU-7 is tied), was reduced by 14.68 mgals (Woollard, 1979). A corresponding adjustment in WU-7 decreases the gravity value there to 979569.62 mgals. Gravity values in Table 3 reflect this adjustment.

Unreduced field data including times and meter readings were available for the Cripple Creek, Johnson Gulch, Rosita Hills and Silver Cliff area surveys listed in Table 2. These surveys were reduced to observed gravity using the USGS program "gravity\_red" (D. Dansereau, USGS unpub. program, 1978), which applies earth-tide and drift corrections.

All the USGS stations except the 23 in the Johnson Gulch area had hand terrain corrections for Hammer zones D - H (0.053 to 2.615 km) (Hammer, 1939).

Table 2

## USGS Gravity Surveys within the Pueblo 1° x 2° Quadrangle

Area	Years	Station Identification Numbers	Field Base Station	Hammer Zones of Hand Terrain Correction
Cripple Creek	1967, 68	C1-C82 A82 - A243 C245-C262	Cripple Creek BM3	D-H
Johnson Gulch	1974	V001-V024	Silver Cliff	none
Rosita Hills	1972, 73	R7-R85	Silver Cliff	D-H
Silver Cliff	1968, 69	S1-S206 A-H, J	Silver Cliff	D-H
Pueblo	1965	1-928	Cheyenne Mtn	D-H
Pueblo	1969	929-982	Florence	D-H
Pueblo	1971, 72	W1-W35 W36-W43 W44-W54, W127-W136 W55-W64 W65-W73 W74-W87 W89-W126, W137-W141	Silver Cliff Divide Florence Vine Piñon Ellicott Cheyenne Mtn	D-H

Table 3

## Principal Facts for Pueblo 1° x 2° Quadrangle Gravity Base Stations

Base Station	Latitude N.	Longitude W.	Elevation (ft)	IGSN-71 gravity (mgals)
Cheyenne Mtn	38°42.75'	104°49.39'	6272	979461.25
Cripple Creek BM3	38°42.00'	105°12.50'	10313	979212.90
Divide	38°56.98'	105°09.41'	9189	979305.04
Ellicott	38°50.28'	104°24.31'	6042	979489.18
Florence	38°28.40'	105°05.08'	5108	979500.36
Piñon	38°27.49'	104°36.31'	5044	979532.45
Silver Cliff	38°08.74'	105°26.03'	8065	979299.90
Vine	38°08.41'	104°04.28'	4712	979532.79

### Additional Data

Gravity stations in the San Luis Valley and surrounding area taken by Davis (1979) supersede the San Luis Valley survey of Gaca and Karig (1965), for which barometric elevations of some stations are suspected to be in error. Principal facts for the 115 stations collected by Davis within the Pueblo 2<sup>o</sup> quadrangle are included in appendix C. Davis used the IGSN base station at Alamosa, Colorado, (station number ACIC 4016-1) updated for the 1971 adjustment for reduction to observed gravity values.

The DMAAC has updated their stations, including those of J. E. Case in the Arkansas valley, for the IGSN-71 adjustment.

### Data Reduction and Errors

Duplicated stations within and among the various surveys allow an estimate of the errors in observed gravity for this data set. Repeated stations within the Cripple Creek, Rosita Hills and Silver Cliff surveys agreed to within  $\pm 0.1$  mgal. The mean of the absolute value of differences between 26 San Luis Valley stations coincident with USGS stations was 0.94 mgal. Nine coincident DMAAC and USGS stations showed a mean absolute value difference of 0.82 mgals. From this information, the uncertainty in the observed gravity values can be estimated at less than  $\pm 1.0$  mgal.

Information about the method and accuracy of station elevation determinations is not available for USGS and DMAAC stations. Davis (1979) reports that San Luis Valley survey stations (appendix C) were obtained at bench marks and spot elevations. A worst case elevation uncertainty of 20 ft would occur for elevations interpolated from contour maps for USGS or DMAAC stations (1/2 of the typical 40 ft contour interval). The elevation uncertainties translate to uncertainties in simple Bouguer values ( $\Delta g$ ) approximately as:

$$\Delta g = (.094 - 0.13\rho) \Delta h \text{ mgal,}$$

(Grant and West, 1965, p. 239), where  $\Delta h$  is the uncertainty in feet and  $\rho$  is the density ( $\text{gm/cm}^3$ ). When  $\rho = 2.67 \text{ gm/cm}^3$ ,  $\Delta g = 0.06 \text{ mgal/foot elevation-error}$ , or 1.2 mgals in the worst case.

Reduction to Bouguer free-air anomalies was accomplished using computer program "bouguer" (R. H. Godson, USGS unpub. program, 1971), which computed theoretical gravity based on the GRS-67 (International Association of Geodesy, 1971), earth curvature corrections, and terrain corrections based on the algorithm of Plouff (1977). Computer terrain corrections were performed from zone I through 0 (2.615 km to 166.7 km) for those stations with inner hand terrain corrections (listed in Table 2), and from the station out to 166.7 km for all other stations. The computer program uses mean elevation data on a 30-second grid for corrections from 0 to 5 km; 1-minute elevation data for corrections from 5 to 21 km; and 3-minute elevation data for corrections from 21 to 166.7 km. For a check on the reliability of computer inner terrain corrections in this area, a comparison was made of computer-calculated inner terrain corrections versus hand terrain corrections for the 1600 stations for which hand terrain corrections were available. The absolute mean difference between hand and computer terrain corrections was 0.35 mgals, with a standard deviation of 1.2 mgal. A maximum difference of 28 mgals occurred between the hand and computer corrections at the Pike's Peak station. This is an excessive error, but such errors can be easily recognized from contour maps and eliminated. There was no apparent relationship between station elevation and differences in terrain corrections.

Taking into account the estimated uncertainty in observed gravity, elevation, and terrain corrections, an estimated uncertainty of less than 2 mgal can be assumed for the complete Bouguer anomalies listed in the appendices.



## References

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## Appendices

- a. "USGS" data (41 pages)
- b. "Additional" data (DOD)\* (14 pages)
- c. "Additional" data (Davis, 1979) (3 pages)

\*DOD: Department of Defense; data available from files of Defense Mapping Agency and Aerospace Center, St. Louis, Missouri (DMAAC, 1975).

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
3930057	38	0.00	-104	24.50	5085.0	979503.27	0.00	-185.55
3930057	38	0.00	-105	54.70	7561.0	979286.47	0.47	-253.72
3930057	38	0.20	-104	46.10	5585.9	979455.47	0.59	-203.10
3930057	38	0.29	-104	54.10	6155.8	979414.07	1.69	-209.44
3930057	38	1.49	-104	32.09	5398.9	979477.87	0.27	-194.09
3930057	38	2.20	-104	6.80	4527.9	979546.77	-0.21	-178.77
3930057	38	2.20	-104	26.69	4878.9	979516.37	-0.05	-188.04
3930057	38	2.39	-104	59.50	6602.0	979387.07	7.28	-206.62
3930057	38	2.60	-104	12.59	4690.9	979536.37	-0.13	-179.94
3930057	38	2.99	-104	38.99	5189.9	979488.47	0.16	-198.29
3930057	38	3.70	-104	49.60	5667.0	979451.47	0.70	-207.27
3930057	38	4.10	-104	56.69	6178.1	979417.97	1.88	-209.59
3930057	38	4.60	-104	16.40	4629.9	979539.27	-0.13	-183.60
3930057	38	4.60	-104	29.99	5059.0	979503.87	-0.03	-193.26
3930057	38	5.00	-104	23.00	4733.9	979527.17	-0.15	-190.09
3930057	38	5.09	-104	10.00	4484.9	979552.77	-0.22	-179.57
3930057	38	5.09	-104	35.60	5254.9	979491.17	0.07	-194.87
3930057	38	5.50	-104	43.19	5136.1	979489.87	0.44	-203.50
3930057	38	5.60	-104	59.50	6403.9	979405.97	3.31	-208.85
3930057	38	5.90	-104	2.00	4388.1	979560.57	-0.25	-178.77
3930057	38	7.00	-104	46.19	5462.9	979471.07	0.44	-204.96
3930057	38	7.30	-104	32.99	4957.0	979514.67	-0.02	-192.50
3930057	38	7.40	-104	40.10	5018.0	979503.87	0.08	-199.70
3930057	38	7.49	-105	29.00	7884.8	979307.87	1.57	-222.78
3930057	38	7.79	-104	0.00	4320.9	979571.17	-0.24	-174.95
3930057	38	7.79	-104	26.69	4809.0	979524.67	-0.15	-192.19
3930057	38	7.90	-104	6.70	4403.9	979562.67	-0.25	-178.66
3930057	38	8.00	-104	20.09	4624.0	979540.07	-0.16	-188.16
3930057	38	8.09	-104	54.40	6068.9	979435.47	1.95	-204.40
3930057	38	8.20	-104	13.19	4623.0	979545.47	0.02	-182.94
3930057	38	9.20	-104	5.90	4356.9	979568.57	-0.21	-177.43
3930057	38	9.40	-104	49.49	5297.9	979485.07	0.71	-204.07
3930057	38	9.50	-104	23.00	4736.9	979533.27	-0.15	-190.40
3930057	38	9.70	-104	29.99	4855.0	979523.57	-0.12	-193.31
3930057	38	9.80	-104	1.79	4374.0	979570.17	-0.10	-175.57
3930057	38	10.00	-104	36.50	4862.9	979521.37	-0.03	-195.39
3930057	38	10.00	-104	43.00	5113.8	979500.67	0.11	-200.95
3930057	38	10.00	-104	56.80	5873.0	979448.57	1.39	-206.37
3930057	38	10.30	-104	16.19	4649.9	979543.47	-0.18	-186.61
3930057	38	10.30	-105	55.90	7746.0	979275.97	1.95	-207.05

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cha
3930057	38	11.60	-104	52.90	5327.1	979486.07	0.79	-204.46
3930057	38	11.69	-104	0.89	4645.0	979556.87	-0.14	-175.50
3930057	38	12.10	-104	59.90	5653.9	979461.37	2.03	-209.12
3930057	38	12.20	-104	27.10	4764.1	979534.57	-0.16	-191.44
3930057	38	12.20	-104	46.19	5096.1	979503.57	0.21	-202.23
3930057	38	12.50	-104	19.49	4595.1	979549.47	-0.19	-187.11
3930057	38	12.59	-104	6.70	4542.0	979561.47	-0.18	-178.41
3930057	38	12.59	-104	39.50	4935.0	979518.57	0.01	-197.63
3930057	38	12.70	-104	34.00	4817.9	979529.47	-0.08	-193.98
3930057	38	13.00	-105	5.90	6268.0	979415.48	4.60	-217.01
3930057	38	14.69	-104	15.89	4474.1	979563.87	-0.16	-183.12
3930057	38	14.80	-104	56.60	5320.9	979487.57	0.70	-208.11
3930057	38	15.10	-105	56.90	7957.0	979256.87	1.43	-280.74
3930057	38	15.20	-104	2.09	4736.9	979555.67	-0.13	-176.34
3930057	38	15.20	-104	16.40	4532.1	979559.97	-0.21	-164.35
3930057	38	15.20	-104	43.00	4831.0	979526.77	0.22	-199.26
3930057	38	15.20	-104	49.49	5050.8	979510.17	0.27	-202.67
3930057	38	15.29	-104	10.00	4752.0	979549.37	0.06	-181.68
3930057	38	15.40	-105	37.10	7476.0	979322.17	3.97	-242.15
3930057	38	15.80	-104	23.09	4548.9	979556.97	-0.16	-187.18
3930057	38	16.00	-104	28.00	4598.1	979551.47	-0.16	-190.03
3930057	38	16.00	-105	1.90	5609.9	979463.93	1.30	-215.63
3930057	38	16.00	-105	8.20	6233.9	979414.92	3.53	-225.08
3930057	38	16.19	-104	27.89	4578.1	979554.07	-0.14	-188.89
3930057	38	16.19	-104	36.50	4687.0	979539.67	0.03	-196.61
3930057	38	17.39	-104	45.59	4975.1	979519.87	0.11	-200.88
3930057	38	17.60	-104	20.09	4719.2	979548.87	-0.16	-187.75
3930057	38	17.60	-104	27.10	4771.0	979543.57	-0.03	-189.82
3930057	38	17.60	-105	59.20	8155.8	979247.67	1.89	-281.23
3930057	38	17.80	-104	13.00	4644.0	979556.67	-0.12	-184.49
3930057	38	17.80	-104	32.60	4831.0	979535.47	0.14	-194.45
3930057	38	17.90	-104	53.00	4998.0	979514.17	0.42	-205.64
3930057	38	17.99	-104	6.59	4780.8	979552.97	-0.15	-180.52
3930057	38	17.99	-104	59.20	5245.1	979491.73	0.74	-213.12
3930057	38	18.50	-105	6.29	5604.0	979459.74	1.55	-223.59
3930057	38	18.59	-104	38.90	4813.0	979534.17	-0.03	-198.16
3930057	38	18.90	-104	2.39	4861.9	979552.67	-0.09	-176.91
3930057	38	20.39	-104	15.89	4746.1	979552.67	-0.16	-186.43
3930057	38	20.39	-104	21.70	4692.9	979552.97	-0.03	-189.17
3930057	38	20.39	-104	35.90	4551.0	979536.17	-0.01	-192.76

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle  
 Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
3930057	38	20.50	-104	10.00	4914.0	979545.67	-0.07	-183.40
3930057	38	20.60	-104	28.60	4932.1	979534.87	-0.06	-193.32
3930057	38	20.60	-104	43.00	5046.9	979522.17	0.03	-199.06
3930057	38	20.90	-105	13.10	6067.9	979426.75	3.06	-230.84
3930057	38	20.99	-104	49.79	5127.9	979513.57	0.21	-203.21
3930057	38	21.20	-105	9.10	5658.1	979453.33	1.58	-230.69
3930057	38	21.29	-105	3.80	5240.1	979491.75	1.21	-217.77
3930057	38	22.79	-104	40.00	5008.8	979526.77	0.00	-199.98
3930057	38	22.79	-104	45.80	5288.0	979508.27	0.20	-201.51
3930057	38	22.79	-104	52.49	5244.1	979506.27	0.20	-206.16
3930057	38	23.00	-104	59.50	5066.9	979509.93	0.68	-212.98
3930057	38	23.00	-105	6.80	5202.1	979490.12	1.16	-224.23
3930057	38	23.09	-104	0.00	4929.1	979555.57	-0.06	-176.45
3930057	38	23.09	-104	13.00	5021.0	979540.37	-0.06	-186.16
3930057	38	23.09	-104	19.00	4939.9	979548.67	-0.12	-188.74
3930057	38	23.09	-104	32.60	5389.1	979506.57	0.25	-197.64
3930057	38	23.20	-104	6.50	4969.1	979547.87	-0.09	-181.95
3930057	38	23.69	-105	17.09	6148.0	979433.63	4.42	-221.90
3930057	38	23.99	-105	13.10	5506.9	979460.41	2.18	-236.14
3930057	38	24.40	-104	35.99	4960.0	979534.97	0.00	-197.07
3930057	38	25.00	-104	55.10	5422.9	979496.57	0.43	-208.24
3930057	38	25.00	-105	35.80	6196.8	979416.17	5.79	-236.99
3930057	38	25.49	-104	49.79	5381.9	979503.77	0.34	-204.30
3930057	38	25.60	-104	41.69	5264.1	979514.07	0.23	-201.32
3930057	38	25.60	-105	15.89	5377.0	979477.14	3.82	-227.91
3930057	38	25.70	-104	15.80	5026.9	979540.07	0.07	-189.80
3930057	38	25.70	-105	10.90	5256.9	979484.09	1.60	-230.50
3930057	38	25.79	-104	2.39	5032.1	979549.67	-0.04	-180.13
3930057	38	25.79	-104	10.00	5118.1	979538.67	0.00	-185.95
3930057	38	25.79	-104	23.00	4936.0	979543.17	-0.10	-192.44
3930057	38	25.79	-104	35.99	5009.8	979532.67	0.00	-198.42
3930057	38	26.00	-105	7.00	5436.0	979484.17	0.99	-220.77
3930057	38	26.20	-104	28.79	5097.1	979529.77	-0.07	-196.78
3930057	38	26.50	-105	2.49	5400.9	979492.51	0.93	-215.42
3930057	38	26.99	-104	59.50	5581.0	979486.46	0.94	-211.31
3930057	38	27.10	-105	50.50	6702.1	979368.37	5.15	-258.28
3930057	38	27.40	-105	6.80	5540.0	979478.50	1.16	-222.10
3930057	38	28.00	-104	45.80	5703.1	979488.47	0.45	-203.29
3930057	38	28.00	-104	52.49	5675.8	979486.67	1.02	-206.63
3930057	38	28.10	-104	32.00	5150.9	979527.27	-0.04	-198.22

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
3930057	38	28.19	-105	6.70	5618.1	979475.27	1.32	-221.66
3930057	38	28.40	-104	19.70	5061.0	979538.07	-0.06	-193.86
3930057	38	28.49	-104	6.50	5169.0	979540.27	-0.01	-185.28
3930057	38	28.49	-104	13.49	5293.0	979526.67	0.04	-191.42
3930057	38	28.60	-104	0.00	5085.0	979550.37	0.01	-180.35
3930057	38	29.30	-105	23.80	5785.1	979456.97	3.46	-220.47
3930057	38	29.39	-104	26.00	5023.9	979538.57	-0.07	-197.04
3930057	38	29.99	-104	28.10	5054.1	979536.17	-0.04	-198.48
3930057	38	29.99	-105	20.00	6246.0	979434.47	1.81	-227.05
3930057	38	30.20	-105	4.00	5840.9	979470.47	2.80	-214.61
3930057	38	30.50	-104	57.80	6001.0	979464.51	1.43	-212.81
3930057	38	30.89	-104	42.20	5443.9	979505.27	0.27	-207.09
3930057	38	30.89	-105	13.00	6409.1	979422.62	5.92	-226.36
3930057	38	30.89	-105	15.80	5981.0	979451.80	2.20	-226.36
3930057	38	31.00	-104	49.00	5770.0	979482.87	0.52	-209.91
3930057	38	31.10	-104	3.10	5214.9	979541.07	0.04	-185.52
3930057	38	31.10	-104	10.00	5335.9	979527.87	0.06	-191.47
3930057	38	31.10	-104	16.40	5234.9	979530.77	0.06	-194.58
3930057	38	31.10	-104	23.00	5131.9	979533.47	-0.04	-198.17
3930057	38	31.10	-104	35.00	5236.9	979523.37	0.05	-201.90
3930057	38	32.20	-104	37.19	5221.1	979523.67	0.11	-204.10
3930057	38	32.39	-105	59.90	7039.0	979350.37	3.36	-265.67
3930057	38	33.70	-104	0.00	5248.0	979541.27	0.08	-187.12
3930057	38	37.40	-104	2.99	5421.9	979530.77	0.11	-192.63
3930057	38	38.90	-104	26.80	5519.0	979512.57	0.12	-207.22
3930057	38	39.89	-104	33.59	5690.9	979499.37	0.25	-211.47
3930057	38	39.89	-104	39.40	5547.9	979504.37	0.36	-214.92
3930057	38	40.10	-104	41.90	5540.0	979504.97	0.48	-214.97
3930057	38	40.90	-104	2.99	5588.9	979522.47	0.24	-195.97
3930057	38	44.30	-104	26.99	5834.0	979494.37	0.22	-214.43
3930057	38	44.39	-104	32.69	6011.1	979480.57	0.35	-217.64
3930057	38	44.39	-104	39.40	5772.0	979494.77	0.41	-217.68
3930057	38	44.39	-104	47.90	5921.9	979483.17	1.99	-218.73
3930057	38	44.90	-105	10.79	9502.0	979271.37	3.42	-215.70
3930057	38	46.90	-104	35.99	5895.0	979488.47	0.56	-220.17
3930057	38	49.49	-104	20.90	6136.1	979479.17	0.34	-219.07
3930057	38	49.49	-104	32.60	6431.1	979457.77	0.55	-222.61
3930057	38	49.60	-104	46.19	6021.0	979477.47	1.00	-227.11
3930057	38	50.30	-104	39.50	6160.9	979471.17	0.58	-226.00
3930057	38	52.19	-105	9.20	9041.0	979302.97	7.00	-211.10

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
3930057	38	54.59	-104	32.30	6623.0	979455.67	0.54	-220.75
3930057	38	54.59	-104	46.00	6595.1	979444.27	0.92	-233.44
3930057	38	54.70	-104	19.49	6270.0	979485.17	0.60	-212.48
3930057	38	54.80	-104	40.00	6700.1	979441.97	0.64	-230.05
3930057	38	55.00	-104	51.20	6549.9	979446.67	2.11	-233.16
3930057	38	56.00	-104	36.10	6835.0	979441.87	0.65	-223.84
3930057	38	56.50	-105	8.99	9106.9	979311.37	2.03	-217.55
3930057	38	58.90	-105	22.79	7942.9	979372.87	3.19	-228.21
3930057	38	59.09	-104	45.89	6886.1	979434.37	0.90	-232.58
3930057	39	0.00	-104	26.20	6668.0	979463.27	0.52	-218.45
1083000	38	16.40	-104	32.69	4640.7	979546.25	-0.09	-193.22
1083000	38	16.49	-104	26.69	4578.4	979553.65	-0.15	-189.74
1083001	38	32.30	-105	59.30	7039.4	979349.10	3.74	-266.40
1083002	38	7.90	-104	1.40	4340.9	979569.50	-0.24	-175.58
1083002	38	16.49	-104	36.50	4694.9	979539.60	-0.03	-196.71
1083002	38	22.00	-104	57.50	4982.6	979515.30	0.66	-211.21
1083002	38	22.40	-105	41.60	6369.7	979391.50	6.41	-246.88
1083002	38	25.19	-105	10.70	5249.3	979484.20	1.69	-230.01
1083002	38	25.70	-105	48.20	6624.7	979370.30	4.88	-259.20
1083002	38	29.30	-105	23.20	5752.3	979460.90	3.43	-227.53
1083003	38	26.99	-104	36.20	5006.6	979533.70	0.12	-199.23
1083003	38	40.90	-104	41.99	5539.0	979505.20	0.52	-215.94
1083003	38	50.09	-104	49.60	5989.5	979479.50	2.06	-226.68
1083003	38	57.50	-104	50.00	6391.7	979459.50	1.72	-233.87
1083004	38	22.30	-105	45.20	6473.4	979379.30	5.86	-253.28
1083004	38	23.90	-105	37.00	6209.6	979408.70	6.06	-241.81
1083004	38	26.30	-105	32.60	6098.4	979426.10	6.56	-234.09
1083004	38	27.50	-105	29.20	5905.8	979443.10	11.05	-225.88
1083004	38	28.40	-105	51.80	6768.0	979367.10	5.80	-256.86
1083004	38	30.29	-105	56.00	6913.0	979358.10	8.87	-256.88
1083004	38	50.80	-104	49.49	6042.0	979475.60	1.88	-228.67
1083005	38	15.70	-104	45.80	4801.2	979527.10	0.25	-201.42
1083005	38	15.80	-104	42.59	4730.6	979535.40	0.28	-199.45
1083005	38	17.69	-104	50.20	4850.1	979524.80	0.50	-203.47
1083005	38	19.60	-104	54.40	4916.3	979519.90	0.61	-207.09
1083005	38	23.20	-105	7.00	5136.5	979490.00	1.35	-228.38
1083005	38	23.60	-105	2.30	5068.2	979508.40	0.91	-215.06
1083005	38	26.09	-105	15.29	5357.3	979477.50	3.17	-230.10
1083005	38	27.80	-105	19.49	5573.2	979462.10	8.96	-239.31
1083006	38	10.10	-104	7.50	4384.8	979567.80	-0.21	-172.05



## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G P A V I T Y		
	deg	min	deg	min		observed	tc	cba
1083006	38	15.70	-104	20.90	4515.7	979559.10	-0.15	-186.87
1083008	38	18.40	-104	36.59	4736.9	979539.40	0.00	-197.17
1083008	38	22.40	-104	37.00	4889.1	979535.10	-0.01	-198.25
1083008	38	31.19	-104	37.49	5178.5	979526.20	0.08	-202.66
1083008	38	35.00	-104	39.70	5327.7	979514.70	0.24	-210.67
1083008	38	38.39	-104	40.60	5459.6	979507.80	0.35	-214.57
1083008	38	44.39	-104	44.00	5702.7	979497.80	0.82	-218.39
1083008	38	47.90	-104	47.00	5854.3	979487.40	1.55	-224.15
1083009	38	53.80	-104	49.49	6191.3	979467.80	1.73	-232.11
1083012	38	51.50	-105	59.00	9009.8	979256.70	2.49	-270.21
1083012	38	55.30	-105	58.10	9221.1	979248.90	1.61	-271.82
1083012	38	59.39	-105	57.70	9010.5	979264.30	1.36	-275.33
20850005	38	1.60	-105	23.00	8201.8	979283.34	1.41	-219.85
20850009	38	3.50	-105	26.50	7983.9	979291.64	1.70	-227.10
20850026	38	0.20	-105	10.79	10523.9	979162.90	5.94	-194.35
20850027	38	4.30	-105	5.90	8647.0	979273.24	5.37	-203.25
21550303	38	56.14	-105	57.91	9123.0	979253.68	1.17	-274.60
21550304	38	57.08	-105	57.71	9044.9	979256.29	1.17	-278.06
21550305	38	57.98	-105	57.53	9017.0	979257.95	1.15	-279.42
21550306	38	58.91	-105	57.46	8987.8	979264.42	1.09	-276.13
21550307	38	59.81	-105	57.56	9011.1	979264.50	1.13	-275.94
21550452	38	57.04	-105	16.91	8117.1	979365.95	1.41	-223.73
21550454	38	57.02	-105	16.40	8289.0	979357.78	2.18	-220.79
21550456	38	55.91	-105	13.82	8729.0	979333.36	2.09	-217.29
21550458	38	55.85	-105	11.95	9040.0	979314.00	1.63	-218.37
21550460	38	56.12	-105	11.09	9022.0	979315.58	1.67	-218.23
21550461	38	56.24	-105	10.54	9027.9	979315.39	1.76	-218.15
21550463	38	56.87	-105	8.53	9073.1	979313.47	2.12	-217.93
21550464	38	57.17	-105	7.52	9075.1	979313.97	2.19	-217.68
21550467	38	58.42	-105	4.09	8687.0	979338.96	2.10	-217.90
35070014	38	8.80	-104	37.00	4998.0	979505.38	0.12	-201.39
35070015	38	15.50	-104	37.00	4661.1	979540.68	0.16	-196.01
35070017	38	59.69	-104	46.20	6585.0	979449.58	1.31	-235.87
35150135	38	59.09	-105	21.50	7922.9	979373.02	2.46	-230.25
35150141	38	46.19	-105	31.70	8395.0	979312.82	13.83	-231.80
35150142	38	35.39	-105	25.10	7274.9	979378.42	2.12	-229.14
35570701	38	48.50	-104	42.70	6171.9	979468.93	0.69	-225.37
35570703	38	50.90	-104	49.70	6012.1	979477.79	2.10	-228.19
40990633	38	57.28	-104	48.38	6460.0	979455.35	1.22	-234.11
40990634	38	50.05	-104	49.25	6007.9	979476.66	1.87	-226.17

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
40990637	38	26.84	-104	36.43	5051.8	979531.19	0.03	-198.91
40990638	38	17.48	-104	36.35	4712.9	979540.17	-0.01	-196.49
40990640	38	1.34	-104	44.06	5335.0	979474.13	0.51	-201.19
40991646	38	54.62	-105	58.46	9481.9	979234.75	1.19	-269.74
4316 548	38	17.35	-105	58.79	8152.9	979246.15	1.79	-282.66
4316 550	38	15.01	-105	57.80	6075.8	979251.00	1.27	-279.52
4316 556	38	26.66	-105	51.28	6983.9	979346.47	4.07	-263.74
4316 557	38	26.59	-105	51.98	7216.8	979333.75	3.85	-262.63
4316 558	38	25.19	-105	49.31	6909.8	979349.64	3.78	-263.14
4316 559	38	24.83	-105	49.66	7051.8	979339.30	4.00	-264.23
4316 560	38	28.84	-105	53.60	6848.7	979366.94	5.74	-252.90
4316 562	38	27.38	-105	50.32	6725.7	979367.53	5.45	-257.81
4316 565	38	33.77	-105	59.21	7455.7	979335.64	3.28	-257.55
4316 566	38	35.39	-105	58.01	8420.9	979287.04	2.16	-251.91
4316 567	38	36.31	-105	56.35	6923.9	979254.88	1.89	-255.43
4316 569	38	38.99	-105	52.25	9362.8	979231.49	1.43	-256.89
4316 571	38	41.41	-105	50.00	8966.8	979253.58	1.12	-262.43
4316 572	38	42.35	-105	50.54	8985.9	979252.56	1.41	-263.40
4316 593	38	15.11	-105	54.89	7879.9	979261.34	1.98	-280.35
4316 595	38	17.39	-105	57.22	7975.7	979256.06	2.15	-283.06
4316 596	38	17.99	-105	57.22	8004.9	979256.71	2.50	-281.19
4316 627	38	43.28	-105	50.29	9139.7	979243.02	1.07	-265.42
4316 628	38	39.38	-105	48.41	8847.8	979257.19	1.93	-262.17
4316 630	38	38.60	-105	45.59	8989.8	979248.36	1.71	-261.55
4316 631	38	45.17	-105	49.12	9316.9	979226.70	1.85	-273.11
4316 632	38	46.33	-105	47.45	9496.7	979214.09	1.74	-276.75
4316 633	38	46.88	-105	46.69	9559.7	979215.60	1.28	-272.73
4316 635	38	50.36	-105	46.67	9370.7	979239.74	0.84	-265.49
4316 637	38	52.10	-105	46.70	9237.8	979249.17	1.29	-266.15
4316 638	38	53.80	-105	47.81	9147.9	979252.24	0.79	-271.47
4316 639	38	51.50	-105	59.17	9009.8	979256.82	2.66	-269.92
4316 640	38	49.88	-105	59.18	8930.8	979257.46	1.76	-272.54
4316 642	38	46.40	-105	58.03	9569.9	979216.03	1.28	-270.99
4316 643	38	45.05	-105	57.79	9362.8	979229.07	1.60	-263.06
4316 644	38	59.11	-105	52.37	8922.9	979256.87	0.69	-289.28
4316 645	38	58.28	-105	53.80	8970.8	979259.24	0.66	-281.83
4316 646	38	57.92	-105	54.67	8959.0	979262.85	0.71	-279.35
4316 647	38	57.89	-105	55.58	6959.0	979264.52	0.77	-276.58
4316 648	38	56.90	-105	57.02	9024.9	979258.97	0.93	-276.56
4316 649	38	56.33	-105	54.71	6980.0	979261.56	0.73	-276.36

Date: 09/21/80

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## PPINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle  
 Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
4316 652	38	56.45	-105	47.80	9107.9	979257.03	0.65	-273.13
4316 653	38	55.55	-105	47.80	9087.9	979257.62	0.75	-272.32
4316 654	38	55.13	-105	47.80	9107.9	979255.79	0.74	-272.34
4316 655	38	54.67	-105	47.80	9117.8	979254.72	0.75	-272.13
4316 656	38	59.15	-105	57.50	8986.9	979265.49	1.23	-275.33
4316 658	38	56.81	-105	57.79	9059.7	979255.85	1.15	-277.24
4316 676	38	16.69	-105	57.74	8008.8	979253.42	1.75	-283.09
4316 681	38	18.29	-105	57.22	8043.9	979255.52	2.70	-280.28
4316 684	38	22.91	-105	46.31	6573.8	979370.82	4.70	-257.81
4316 687	38	28.61	-105	57.11	7475.7	979320.71	5.12	-261.86
4316 688	38	27.40	-105	57.61	8223.7	979279.61	4.73	-256.76
4316 689	38	37.10	-105	46.58	9784.8	979202.02	2.58	-257.12
4316 691	38	34.09	-105	45.29	10074.8	979184.41	3.70	-251.77
4316 692	38	35.87	-105	46.33	10034.8	979173.69	4.22	-267.00
4316 693	38	37.40	-105	57.91	8726.7	979264.09	2.06	-259.46
4316 694	38	41.18	-105	58.78	10436.0	979155.74	8.91	-263.97
4316 696	38	44.69	-105	56.30	9710.0	979209.30	1.57	-266.51
4316 697	38	45.08	-105	55.55	9530.8	979221.69	1.18	-265.83
4316 698	38	43.37	-105	53.32	9224.7	979238.71	1.03	-264.80
4316 699	38	39.61	-105	53.06	9393.7	979229.07	1.62	-258.19
4316 704	38	52.91	-105	59.96	9187.0	979253.26	1.56	-266.04
4316 724	38	59.93	-105	46.49	8958.9	979287.53	0.74	-262.61
4316 725	38	59.92	-105	47.60	8942.9	979279.71	0.77	-265.35
4316 726	38	59.30	-105	46.49	8961.9	979278.85	0.68	-264.24
4316 727	38	57.31	-105	47.80	9004.9	979265.27	0.79	-272.20
4316 728	38	57.32	-105	48.40	8966.8	979267.05	0.85	-272.66
4316 729	38	56.99	-105	49.46	8987.8	979261.56	0.78	-276.47
4316 730	38	56.44	-105	48.91	8999.0	979261.72	0.74	-274.87
4316 731	38	56.00	-105	48.91	9005.9	979260.70	0.72	-274.85
4316 732	38	55.13	-105	48.91	9029.8	979259.67	0.70	-273.18
4316 733	38	55.13	-105	48.38	9041.0	979259.56	0.74	-272.56
4316 734	38	57.29	-105	52.25	9066.9	979243.19	0.63	-290.69
4316 736	38	55.55	-105	51.11	9059.7	979242.97	0.62	-289.79
4316 737	38	54.68	-105	51.11	9068.9	979243.08	0.62	-286.85
4316 738	38	53.81	-105	51.11	9108.9	979244.64	0.64	-281.58
4316 739	38	52.94	-105	51.11	9107.9	979246.47	0.72	-278.45
4316 740	38	52.07	-105	51.11	9156.8	979242.49	0.69	-273.24
4316 741	38	51.20	-105	51.11	9226.7	979236.56	0.69	-278.76
4316 742	38	50.33	-105	51.11	9268.7	979236.19	0.73	-272.65
4316 743	38	49.73	-105	51.11	9276.9	979229.34	0.81	-269.62

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle  
Data source: Department of Defense

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	GRAVITY		
				observed'	tc	cba
4316 745	38 49.45	-105 50.00	9262.8	979235.10	0.76	-275.33
4316 746	38 49.45	-105 40.40	9275.9	979236.67	4.45	-269.30
4316 747	38 50.65	-105 52.81	9064.0	979248.14	0.69	-281.97
4316 748	38 50.65	-105 53.36	9092.8	979249.00	0.69	-279.38
4316 749	38 54.67	-105 54.47	9141.7	979249.97	0.78	-275.41
4316 750	38 53.80	-105 52.21	9111.9	979247.06	0.71	-278.90
4316 752	38 51.20	-105 52.22	9217.8	979236.40	0.75	-279.34
4316 753	38 50.32	-105 52.22	9314.0	979226.86	0.79	-281.77
4316 754	38 49.46	-105 52.22	9374.0	979227.51	0.88	-276.17
4316 755	38 48.68	-105 52.22	9491.8	979219.75	0.89	-275.70
4316 848	38 59.02	-105 53.12	8962.9	979257.09	0.65	-285.56
4316 849	38 57.35	-105 50.90	9049.8	979247.01	0.60	-288.01
4316 850	38 58.16	-105 51.08	9029.8	979250.35	0.61	-287.06
4316 851	38 59.90	-105 52.16	8913.7	979260.16	0.72	-286.66
4316 852	38 59.66	-105 53.68	8962.9	979260.80	0.91	-282.64
4316 853	38 54.67	-105 55.00	9139.7	979252.99	0.90	-272.39
4316 854	38 54.67	-105 55.60	9178.8	979252.83	0.92	-270.19
4316 855	38 53.78	-105 55.00	9168.0	979249.11	1.37	-272.80
4316 857	38 52.06	-105 53.45	9241.8	979236.56	0.81	-278.94
4316 858	38 52.06	-105 54.47	9306.7	979235.32	1.08	-276.02
4316 859	38 51.38	-105 57.73	9142.7	979249.33	3.21	-268.72
4316 860	38 51.19	-105 54.47	9349.7	979233.97	1.28	-273.31
4316 861	38 51.19	-105 53.45	9299.8	979231.98	0.85	-278.72
4316 862	38 50.32	-105 53.45	9366.8	979229.07	1.01	-276.17
4316 863	38 49.73	-105 54.29	9591.8	979219.70	1.54	-270.64
4316 864	38 49.25	-105 53.65	9669.9	979213.07	1.22	-272.20
4316 865	38 48.56	-105 53.45	9616.8	979217.86	1.28	-269.52
4316 866	38 48.17	-105 52.81	9524.9	979221.10	1.11	-271.39
4316 867	38 47.26	-105 52.22	9367.8	979229.72	1.03	-270.94
4316 868	38 47.69	-105 52.22	9436.0	979224.44	1.00	-272.79
4316 869	38 45.11	-105 51.20	9151.9	979245.88	1.04	-264.55
4316 870	38 48.59	-105 46.69	9356.0	979232.46	1.08	-270.81
4316 871	38 48.59	-105 47.78	9362.8	979227.40	1.10	-275.44
4316 873	38 49.48	-105 46.69	9363.8	979236.24	0.89	-269.06
4316 874	38 50.30	-105 48.37	9258.8	979243.35	0.82	-268.53
4316 875	38 51.20	-105 48.91	9210.0	979247.06	0.93	-269.96
4316 876	38 51.20	-105 50.00	9177.8	979243.83	0.71	-274.35
4316 877	38 52.06	-105 50.54	9157.8	979243.99	0.66	-276.63
4316 878	38 52.07	-105 49.45	9147.0	979252.40	0.88	-268.74
4316 879	38 51.20	-105 47.78	9324.8	979241.57	1.15	-267.35

Date: 09/21/80

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle  
 Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
4316 881	38	57.34	-105	45.59	9233.9	979253.53	0.76	-270.28
4316 882	38	56.30	-105	45.59	9210.9	979253.15	0.71	-270.55
4316 883	38	50.56	-105	45.59	9245.7	979249.11	1.70	-263.06
4316 884	38	54.67	-105	48.91	9050.8	979257.41	0.69	-273.51
4316 885	38	54.64	-105	49.82	9052.8	979250.84	0.65	-279.96
4316 886	38	52.94	-105	47.81	9171.9	979254.61	1.19	-266.00
4316 887	38	52.51	-105	47.81	9200.8	979251.27	1.23	-266.93
4316 888	38	52.09	-105	47.81	9261.8	979247.71	1.16	-266.29
4316 889	38	47.69	-105	56.08	9341.8	979232.95	1.43	-269.49
4316 890	38	48.41	-105	56.21	9570.8	979220.77	1.21	-269.21
43161371	38	49.00	-105	58.85	9043.9	979248.31	1.72	-273.64
43161372	38	46.70	-105	55.55	9601.7	979217.04	1.04	-268.75
43161373	38	46.70	-105	54.44	9627.9	979217.58	1.03	-266.64
43161374	38	46.30	-105	55.09	9567.9	979221.85	0.97	-265.53
43161375	38	48.02	-105	53.95	10222.7	979175.96	4.71	-270.82
43161376	38	48.56	-105	54.53	10306.7	979171.42	4.90	-270.92
43161377	38	49.04	-105	54.91	10385.8	979167.10	5.78	-270.32
43161378	38	49.70	-105	55.70	10585.0	979152.96	8.50	-270.69
43161379	38	50.12	-105	56.12	10634.8	979148.21	8.95	-272.68
43161380	38	50.36	-105	56.38	10640.7	979148.64	9.56	-271.64
43161392	38	46.70	-105	59.69	10122.7	979176.90	8.49	-270.17
43161393	38	43.40	-105	48.89	9452.7	979219.30	1.08	-270.53
43161394	38	43.40	-105	47.78	9612.8	979210.30	1.24	-269.77
43161395	38	41.65	-105	48.80	8987.8	979248.60	1.45	-266.17
43161396	38	41.35	-105	51.59	9564.9	979216.90	2.17	-262.09
43161397	38	41.18	-105	52.55	9442.9	979220.90	1.23	-266.10
43161404	38	43.15	-105	58.34	9609.9	979211.32	2.52	-267.27
43161405	38	40.25	-105	58.63	9904.8	979188.21	6.01	-264.92
43161407	38	39.77	-105	57.85	10086.9	979180.92	6.27	-260.31
43161408	38	39.65	-105	58.34	10069.9	979179.68	8.45	-260.23
43161409	38	39.98	-105	56.90	9819.9	979204.46	2.17	-257.22
43161428	38	52.10	-105	57.89	10673.9	979151.18	14.19	-265.04
43161429	38	53.06	-105	58.58	10527.9	979164.08	9.80	-266.71
43161430	38	59.62	-105	57.92	9369.7	979240.42	2.05	-277.31
43161431	38	59.69	-105	58.49	9536.7	979231.03	2.53	-276.30
43161432	38	30.80	-105	58.16	6097.7	979352.10	4.79	-262.64
43161433	38	32.48	-105	59.20	7565.9	979319.50	5.55	-262.92
43161434	38	33.08	-105	58.69	7869.7	979309.00	3.74	-257.91
43161435	38	33.29	-105	57.68	8355.9	979297.10	4.16	-251.89
43161437	38	33.52	-105	55.57	10741.8	979127.80	16.50	-251.64

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle  
 Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
43161439	38	31.94	-105	54.35	9333.0	979217.70	9.46	-254.06
43161440	38	31.67	-105	54.28	8938.0	979246.80	5.31	-252.44
43161441	38	31.31	-105	54.71	8815.9	979251.10	8.64	-251.59
43161442	38	30.74	-105	54.32	8606.9	979256.30	11.48	-255.25
43161443	38	28.99	-105	54.59	6840.9	979366.70	7.56	-252.00
43161444	38	27.85	-105	54.86	7792.0	979310.70	4.97	-251.96
43161445	38	25.13	-105	47.96	6635.8	979368.60	4.49	-259.78
43161446	38	33.47	-105	45.56	10574.8	979148.50	7.37	-253.08
43161447	38	32.63	-105	47.09	11043.0	979110.50	17.08	-252.01
43161448	38	31.88	-105	47.17	10250.0	979161.70	12.33	-252.09
43161449	38	31.64	-105	47.00	10199.8	979163.70	13.46	-251.62
43161450	38	31.90	-105	46.55	9475.7	979210.40	4.85	-257.38
43161462	38	33.17	-105	47.39	10681.7	979142.20	8.51	-251.37
43161463	38	33.65	-105	47.27	10594.8	979150.00	8.71	-249.30
43161464	38	33.53	-105	46.46	10173.9	979174.60	6.02	-252.49
43161466	38	32.72	-105	49.22	9509.8	979203.50	8.51	-259.77
43161467	38	32.05	-105	49.42	9085.0	979222.80	7.55	-265.94
43161468	38	31.91	-105	50.06	8529.8	979256.90	7.40	-265.07
43161470	38	39.70	-105	54.32	9915.0	979199.90	2.69	-255.14
43161471	38	41.06	-105	54.47	9969.8	979192.30	3.84	-260.30
43161472	38	39.83	-105	55.88	9949.8	979198.60	2.50	-254.73
43161473	38	37.28	-105	58.10	8507.9	979275.70	3.93	-258.95
43161474	38	38.21	-105	59.27	8664.7	979260.50	1.89	-262.15
43161476	38	36.44	-105	59.21	8679.8	979268.70	1.75	-256.58
43161477	38	36.76	-105	54.23	9746.7	979208.10	2.84	-252.56
43161478	38	34.10	-105	54.07	10460.0	979153.80	11.94	-251.04
43161479	38	34.67	-105	54.97	9645.0	979209.90	5.13	-251.51
43161480	38	33.86	-105	55.12	9524.9	979213.00	5.60	-253.95
43161481	38	33.26	-105	55.43	9344.8	979226.30	5.54	-250.64
43161482	38	32.99	-105	56.66	9259.8	979225.00	10.75	-251.43
43161483	38	32.36	-105	56.99	9070.8	979235.30	10.40	-251.89
43161484	38	31.91	-105	57.56	8490.7	979267.20	6.81	-257.46
43161485	38	31.93	-105	58.40	7591.8	979320.30	3.85	-261.25
43161486	38	41.60	-105	58.18	10714.9	979138.80	11.02	-262.67
43161487	38	42.14	-105	57.77	10524.9	979154.50	6.83	-263.36
43161488	38	42.89	-105	56.93	10380.9	979165.70	4.28	-264.46
43161489	38	43.31	-105	56.63	10179.8	979180.00	2.89	-264.25
43161490	38	43.61	-105	56.74	10406.8	979162.60	6.50	-264.85
43161491	38	44.12	-105	56.63	10407.8	979172.10	7.59	-265.50
43161492	38	43.88	-105	58.70	9951.8	979185.20	6.32	-270.14

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed'	tc	char
43161494	38	36.41	-105	53.47	9764.7	979203.70	2.56	-255.64
43161495	38	36.26	-105	52.70	9928.8	979190.20	4.12	-257.52
43161665	38	25.22	-105	59.00	12050.8	979017.30	39.98	-250.85
43161667	38	24.20	-105	57.61	12390.7	978994.30	33.88	-258.01
43161669	38	23.60	-105	56.99	12569.9	978981.00	36.30	-257.23
43161670	38	22.99	-105	56.60	13066.9	978937.90	49.84	-255.98
43161671	38	22.60	-105	56.35	12561.0	978981.50	31.88	-260.21
43161672	38	21.89	-105	56.51	12013.8	979018.40	30.85	-256.22
43161690	38	36.77	-105	53.02	10442.9	979157.60	11.22	-252.90
43161691	38	35.50	-105	51.49	9371.7	979221.60	4.40	-258.15
43161692	38	37.31	-105	53.93	10444.9	979162.40	8.61	-251.39
43161693	38	37.79	-105	54.89	10992.8	979122.20	19.11	-248.88
43161694	38	38.63	-105	50.74	9116.8	979243.10	1.21	-259.74
43161702	38	15.65	-105	52.79	8210.9	979251.80	3.74	-269.09
43161703	38	15.37	-105	51.80	8457.0	979240.00	4.62	-264.95
43161704	38	15.89	-105	51.26	8925.8	979216.20	6.95	-258.96
43161705	38	17.57	-105	50.96	10709.0	979117.60	9.46	-250.49
43168555	38	29.57	-105	55.01	6874.0	979365.32	6.39	-253.42
43168564	38	38.81	-105	54.17	9814.0	979206.71	2.28	-253.49
51192026	38	50.42	-106	0.00	8852.0	979265.01	2.06	-270.21
51192141	38	23.08	-105	4.04	5138.1	979500.22	0.96	-218.27
51192142	38	23.12	-105	0.05	5078.1	979509.34	0.74	-213.01
51192144	38	24.47	-105	0.00	5258.8	979501.57	0.63	-212.07
51192145	38	26.81	-105	1.40	5474.1	979490.51	0.76	-213.57
51192146	38	28.97	-105	1.99	5630.9	979484.03	1.19	-213.41
51192149	38	28.33	-105	12.47	5503.9	979474.74	1.56	-228.98
51192151	38	31.81	-105	13.10	5743.1	979467.49	3.64	-224.96
51192155	38	32.36	-105	2.38	5965.9	979466.80	2.98	-213.80
51192158	38	34.84	-105	6.20	7462.9	979375.61	6.07	-215.93
51192159	38	37.94	-105	6.70	8615.1	979314.65	4.84	-213.63
51192160	38	40.60	-105	7.40	9625.0	979258.51	4.33	-213.62
51192161	38	44.00	-105	1.75	9385.2	979271.09	5.85	-218.90
51192165	38	46.73	-105	12.14	8892.0	979312.45	4.12	-212.87
51192167	38	50.84	-105	9.53	9346.1	979283.45	3.70	-221.11
51192169	38	56.57	-105	9.43	9165.0	979305.47	1.87	-220.23
51192170	38	55.43	-105	13.61	8961.9	979317.65	1.51	-218.91
51192171	38	58.72	-105	12.19	9138.1	979313.44	1.62	-217.29
51192172	38	57.41	-105	6.02	8915.0	979324.61	2.56	-216.61
51192173	38	59.63	-105	3.11	8437.0	979353.64	2.14	-219.95
51192175	38	59.42	-105	2.05	14108.9	979356.06	3.91	-218.26

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
51192179	38	20.39	-105	6.37	5438.0	979472.59	1.23	-223.75
51192182	38	17.21	-105	2.48	5706.0	979459.27	1.21	-216.40
51192183	38	15.05	-105	1.81	5573.2	979466.12	1.43	-214.12
51192189	38	9.83	-105	11.92	8344.1	979296.76	4.97	-206.39
51192191	38	12.17	-105	14.66	8506.9	979293.63	3.47	-204.68
51192194	38	0.83	-105	4.10	9037.1	979247.87	6.48	-199.05
51192199	38	4.42	-105	26.48	7954.1	979295.26	1.65	-226.67
51192200	38	2.00	-105	28.61	8206.0	979263.81	3.62	-237.50
51192204	38	0.07	-105	23.89	8269.0	979270.85	1.40	-226.08
51192212	38	11.77	-105	27.86	7731.9	979333.34	1.15	-213.15
51192214	38	11.99	-105	22.28	8189.0	979314.97	1.66	-203.89
51192221	38	9.41	-105	18.23	9064.9	979256.69	2.17	-205.42
51192224	38	25.97	-105	15.95	5369.1	979478.56	4.41	-226.91
51192225	38	28.64	-105	15.67	5750.0	979463.10	1.81	-226.12
51192226	38	29.78	-105	19.67	6355.0	979429.86	1.41	-225.24
51192229	38	23.45	-105	27.02	7177.2	979383.33	2.98	-211.69
51192238	38	23.38	-105	17.50	6168.0	979432.77	11.21	-214.32
51192241	38	43.55	-105	29.35	8766.1	979298.80	2.42	-231.10
51192242	38	38.50	-105	28.28	7640.1	979350.55	2.18	-239.65
51192243	38	36.74	-105	26.53	7404.8	979367.16	2.21	-234.51
51192245	38	59.18	-105	21.71	7921.9	979372.73	2.15	-231.06
51192247	38	55.66	-105	25.36	8240.1	979345.06	3.18	-233.44
51192250	38	49.25	-105	23.09	8718.2	979318.37	1.60	-223.61
51192253	38	49.93	-105	15.52	8162.1	979356.12	2.27	-219.53
51192254	38	46.37	-105	17.99	7934.0	979365.78	1.97	-218.59
51192259	38	38.50	-105	55.60	9670.9	979209.42	2.45	-258.74
51192260	38	43.94	-105	50.54	9149.9	979243.78	1.04	-265.05
51192261	38	39.95	-105	50.84	9143.0	979240.54	0.98	-262.90
51192262	38	38.60	-105	46.70	8835.9	979255.03	2.14	-263.68
51192264	38	37.10	-105	31.78	8062.0	979315.43	3.76	-245.85
51192266	38	42.65	-105	38.84	9457.0	979229.24	1.58	-258.73
51192270	38	26.93	-105	41.95	7776.9	979315.59	2.43	-249.16
51192271	38	29.60	-105	41.99	8275.9	979289.52	2.85	-248.83
51192274	38	24.59	-105	34.91	6180.1	979415.82	4.24	-252.29
51192276	38	20.95	-105	30.23	7620.1	979357.81	0.80	-209.19
51192277	38	19.10	-105	36.73	7190.9	979352.54	1.47	-256.76
51192278	38	15.80	-105	36.13	7436.0	979325.24	2.53	-243.50
51192281	38	9.05	-105	30.77	7847.1	979302.96	1.76	-252.04
51192284	38	23.33	-105	46.34	6549.9	979371.44	5.05	-259.89
51192286	38	24.46	-105	51.25	6750.0	979362.56	6.09	-253.12



## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y observed	V T T Y	
	deg	min	deg	min			tc	cha
51192288	38	45.32	-105	31.19	8731.0	979295.13	1.56	-240.34
51192293	38	55.43	-105	32.30	8640.1	979300.98	0.91	-255.47
51192299	38	15.50	-105	57.32	7994.1	979253.17	1.45	-282.78
51192309	38	47.99	-105	56.16	9228.0	979237.74	1.24	-272.17
51192311	38	47.66	-105	46.10	9494.1	979223.04	1.11	-270.55
51192312	38	52.10	-105	49.55	9147.0	979252.31	0.83	-268.92
51192313	38	54.70	-105	49.79	9053.1	979250.70	0.65	-280.17
51322524	38	35.77	-105	46.81	9665.0	979204.89	2.19	-259.87
51322525	38	33.61	-105	48.70	10312.0	979162.33	9.44	-253.17
51322527	38	24.29	-105	51.02	7517.0	979314.95	5.60	-258.32
51322528	38	21.08	-105	48.86	9021.0	979223.07	9.81	-251.14
51322530	38	15.98	-105	47.80	12199.1	979007.20	29.08	-249.37
51322533	38	14.99	-105	44.27	12829.0	978958.84	40.85	-246.61
51322534	38	8.95	-105	36.59	12247.0	979001.78	24.87	-245.82
51322535	38	6.31	-105	37.19	12241.1	978999.23	29.43	-240.30
51322536	38	21.02	-105	33.20	8502.0	979277.94	11.53	-225.59
51322537	38	21.05	-105	21.86	7469.1	979362.30	4.43	-210.26
51322538	38	16.64	-105	21.71	8098.1	979318.83	5.89	-208.12
51322540	38	19.25	-105	17.90	9622.0	979216.25	15.52	-213.50
51322541	38	21.73	-105	18.83	9351.0	979230.21	20.91	-214.05
51322542	38	38.59	-105	11.78	8061.0	979341.20	7.08	-218.92
51322544	38	38.66	-105	32.26	8049.1	979263.33	4.21	-246.61
51322545	38	41.68	-105	31.67	9021.0	979261.84	3.53	-248.91
51322546	38	41.33	-105	35.21	9520.0	979225.38	4.03	-254.42
51322569	38	13.37	-105	42.26	12447.2	978991.18	27.50	-248.23
51322570	38	10.46	-105	42.11	13076.1	978950.06	29.24	-245.50
51322571	38	6.95	-105	43.31	12864.1	978951.21	40.40	-240.80
51322572	38	3.26	-105	39.83	12802.1	978956.55	42.18	-232.02
51322573	38	1.13	-105	38.65	12559.0	978971.72	39.21	-231.33
51322574	38	3.59	-105	33.14	9475.0	979178.15	8.09	-244.92
51323220	38	56.75	-105	51.11	9028.9	979246.54	0.61	-288.85
51323221	38	57.20	-105	47.51	9043.9	979261.99	0.72	-273.04
51323222	38	53.21	-105	46.43	9330.0	979245.74	1.05	-265.92
51323227	38	57.71	-105	40.40	8820.8	979275.06	0.72	-274.11
51323228	38	56.26	-105	36.59	8918.9	979270.71	0.86	-270.30
51323229	38	52.91	-105	56.66	9618.1	979220.22	1.17	-267.60
51323230	38	57.02	-105	53.90	8971.1	979252.23	0.67	-266.95
51323231	38	54.70	-105	53.90	9064.0	979251.86	0.95	-278.15
51323232	38	52.69	-105	53.20	9211.9	979240.75	1.08	-277.20
51323277	38	57.25	-105	30.14	8772.0	979309.63	1.81	-270.61

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
51323240	38	57.08	-105	23.44	8098.1	979358.53	2.42	-231.34
51323242	38	53.03	-105	18.56	8915.0	979313.44	1.55	-222.36
51675319	38	46.91	-105	37.75	9701.1	979227.28	2.02	-251.87
51675320	38	53.14	-105	33.32	9126.0	979264.23	1.44	-259.18
51675321	38	49.87	-105	33.64	11552.1	979096.91	19.97	-257.47
51675322	38	45.16	-105	25.34	9606.9	979242.81	7.20	-234.23
51675323	38	45.29	-105	21.08	8476.0	979329.48	1.31	-221.47
51675324	38	42.35	-105	26.60	9704.0	979240.61	4.94	-228.73
51675325	38	40.06	-105	16.93	8012.1	979350.05	1.66	-220.65
51675326	38	38.09	-105	17.36	8524.9	979309.42	4.96	-224.34
51675327	38	35.09	-105	21.11	7402.9	979368.53	1.96	-231.08
51675328	38	32.50	-105	19.60	7770.0	979346.34	4.05	-225.33
51675329	38	30.50	-105	29.51	9062.0	979241.92	11.48	-241.98
51675330	38	29.80	-105	34.52	9413.0	979217.12	16.28	-239.90
51675331	38	29.69	-105	36.60	9098.1	979246.47	5.55	-240.01
51675332	38	26.60	-105	38.92	8108.9	979297.89	5.01	-243.90
51675333	38	36.13	-105	37.87	11514.1	979074.20	21.21	-261.01
51675334	38	36.11	-105	41.69	11718.2	979057.58	22.91	-263.64
51675335	38	32.92	-105	54.94	9564.0	979211.99	5.61	-251.22
51675336	38	31.90	-105	50.59	7361.9	979330.77	7.53	-261.04
51675337	38	33.32	-105	43.97	10230.0	979169.76	7.79	-251.89
51675338	38	23.63	-105	30.92	8103.0	979317.68	2.96	-222.16
51675341	38	17.45	-105	25.60	7474.1	979365.47	0.82	-205.13
51675342	38	16.79	-105	12.55	7635.2	979334.24	6.07	-220.49
51675343	38	18.22	-105	42.74	7975.0	979275.94	4.52	-262.07
51675344	38	30.32	-105	48.38	6148.9	979283.38	2.95	-263.53
51675345	38	24.59	-105	58.18	12391.1	978995.42	37.92	-253.40
51675346	38	21.50	-105	51.80	10906.1	979098.65	19.85	-252.97
51675347	38	18.89	-105	52.43	12439.9	978983.98	41.39	-250.06
51675348	38	1.94	-105	36.53	13418.9	978918.28	35.60	-257.80
51675349	38	3.79	-105	36.08	12701.1	978969.29	28.80	-239.51
51675350	38	5.17	-105	42.73	12411.1	978982.12	29.41	-245.54
51675351	38	6.17	-105	39.65	13793.9	978886.45	48.28	-240.56
51675352	38	9.71	-105	45.44	11313.0	979058.12	21.25	-250.40
51675353	38	13.16	-105	45.35	13587.9	978899.35	48.39	-250.20
51675354	38	18.86	-105	46.85	8810.0	979233.96	6.45	-253.00
51675355	38	27.71	-105	56.54	8734.9	979252.30	5.05	-253.47
51675617	38	42.56	-105	46.64	9851.0	979187.61	1.86	-276.30
51675618	38	43.10	-105	41.20	11653.8	979067.90	25.54	-264.85

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: U. of Texas, El Paso (Davis, 1979)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cba
SLVT 749	38	1.17	105	51.76	7574.0	979275.63	0.86	-265.10
SLVT 750	38	2.18	105	49.82	7606.0	979267.58	1.10	-272.47
SLVT 751	38	1.49	105	47.60	7634.0	979261.47	1.63	-275.37
SLVT 752	38	1.90	105	45.70	7730.0	979264.40	3.11	-265.80
SLVT 753	38	3.46	105	48.52	7678.0	979267.58	1.88	-269.25
SLVT 754	38	3.36	105	52.01	7595.0	979274.90	0.87	-267.77
SLVT 755	38	4.69	105	51.97	7611.0	979273.19	0.99	-270.35
SLVT 756	38	4.01	105	49.51	7661.0	979266.60	1.58	-272.35
SLVT 757	38	3.35	105	46.50	7851.0	979265.18	3.48	-261.53
SLVT 758	38	5.10	105	49.75	7684.0	979266.60	1.76	-272.39
SLVT 759	38	5.96	105	48.61	7885.0	979261.23	2.71	-266.02
SLVT 760	38	5.96	105	46.35	8446.0	979235.11	6.56	-254.67
SLVT 761	38	7.38	105	47.14	8646.0	979224.85	5.98	-255.60
SLVT 762	38	6.96	105	49.63	7897.0	979259.52	2.27	-268.92
SLVT 763	38	8.62	105	49.62	8070.0	979249.76	2.66	-270.36
SLVT 764	38	9.02	105	48.51	8312.0	979239.26	4.04	-265.56
SLVT 765	38	10.16	105	48.46	8585.0	979224.12	4.98	-265.06
SLVT 766	38	7.76	105	51.86	7735.0	979264.89	1.45	-275.25
SLVT 767	38	6.00	105	51.87	7645.0	979270.26	1.18	-272.97
SLVT 748	38	1.42	105	54.24	7572.0	979286.38	0.63	-255.06
SLVT 768	38	3.37	105	54.23	7591.0	979285.16	0.63	-258.00
SLVT 769	38	5.13	105	53.08	7605.0	979276.37	0.84	-268.32
SLVT 770	38	6.45	105	52.99	7639.0	979271.48	0.99	-272.95
SLVT 771	38	5.98	105	50.56	7682.0	979269.29	1.61	-271.26
SLVT 772	38	7.84	105	47.27	8583.0	979230.47	5.91	-254.50
SLVT 773	38	11.19	105	50.66	8052.0	979249.02	2.97	-275.62
SLVT 774	38	12.93	105	49.52	8855.0	979210.69	6.30	-265.04
SLVT 775	38	14.00	105	50.65	8475.0	979235.35	4.80	-266.23
SLVT 776	38	13.39	105	51.74	8152.0	979249.27	3.05	-272.52
SLVT 777	38	13.83	105	52.82	8005.0	979257.32	2.48	-274.50
SLVT 778	38	11.83	105	52.87	7811.0	979259.52	1.88	-281.59
SLVT 779	38	11.67	105	48.98	8674.0	979218.51	6.02	-266.51
SLVT 780	38	10.17	105	52.91	7751.0	979259.77	1.51	-282.88
SLVT 781	38	9.49	105	51.82	7818.0	979257.57	1.75	-272.35
SLVT 782	38	9.47	105	50.64	7986.0	979251.22	2.26	-275.55
SLVT 783	38	8.20	105	52.94	7686.0	979266.36	1.22	-277.59
SLVT 784	38	5.14	105	55.27	7616.0	979284.91	0.60	-259.37
SLVT 785	38	6.72	105	55.18	7641.0	979277.59	0.75	-267.35
SLVT 786	38	8.40	105	55.36	7672.0	979277.10	0.87	-268.35
SLVT 787	38	10.16	105	55.37	7747.0	979274.66	1.65	-268.55

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: U. of Texas, El Paso (Davis, 1979)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
SLVT 789	38	13.45	105	54.32	7829.0	979261.96	1.72	-280.61
SLVT 790	38	14.03	105	56.00	7922.0	979257.32	1.33	-280.92
SLVT 791	38	15.63	105	54.93	7880.0	979261.23	2.30	-280.90
SLVT 792	38	15.96	105	52.35	8339.0	979244.14	5.12	-268.14
SLVT 793	38	17.40	105	55.05	8182.0	979253.66	3.49	-271.77
SLVT 795	38	19.16	105	57.29	8181.0	979252.20	3.42	-275.94
SLVT 796	38	20.04	105	59.28	8200.0	979250.98	2.88	-277.85
SLVT 797	38	15.23	105	56.76	7958.0	979254.88	1.46	-282.83
SLVT 799	38	17.85	105	59.16	8133.0	979248.54	1.97	-262.91
SLVT 801	38	21.26	105	59.40	8470.0	979236.08	3.69	-277.55
SLVT 809	38	14.55	105	59.06	8168.0	979250.49	1.23	-273.86
SLVT 811	38	13.00	105	58.32	8090.0	979257.81	1.28	-268.90
SLVT 812	38	11.95	105	58.17	8188.0	979250.98	1.19	-268.41
SLVT 813	38	9.85	105	58.31	8095.0	979258.54	1.24	-263.39
SLVT 814	38	9.06	105	56.66	7746.0	979277.83	0.87	-269.14
SLVT 815	38	7.81	105	57.37	7680.0	979282.71	0.74	-261.51
SLVT 816	38	7.82	105	59.61	7824.0	979286.62	0.79	-248.94
SLVT 817	38	6.10	105	59.72	7657.0	979301.76	0.56	-241.49
SLVT 818	38	5.61	105	58.02	7616.0	979295.41	0.52	-249.64
SLVT 819	38	4.30	105	59.72	7596.0	979305.42	0.43	-239.00
SLVT 820	38	3.85	105	56.08	7595.0	979299.07	0.40	-244.78
SLVT 821	38	2.78	105	59.76	7589.0	979301.51	0.37	-241.17
SLVT 822	38	0.76	105	56.66	7573.0	979292.24	0.35	-248.46
SLVT 823	38	1.35	105	57.00	7574.0	979290.28	0.45	-251.12
SLVT 824	38	2.52	105	55.32	7584.0	979289.79	0.46	-252.70
SLVT 901	38	19.78	105	40.86	7021.0	979352.78	3.12	-246.06
SLVT 902	38	18.78	105	39.49	7396.0	979331.05	2.28	-244.72
SLVT 903	38	18.13	105	38.33	7490.0	979328.13	2.00	-241.33
SLVT 904	38	17.68	105	36.98	7279.0	979344.24	2.02	-237.18
SLVT 905	38	15.54	105	36.37	7937.0	979284.91	3.73	-252.24
SLVT 906	38	14.61	105	36.16	7728.0	979301.03	2.63	-248.36
SLVT 907	38	13.75	105	37.30	8126.0	979268.07	4.10	-254.76
SLVT 908	38	13.72	105	34.44	7803.0	979308.64	1.94	-235.86
SLVT 909	38	11.91	105	33.27	7924.0	979306.29	1.95	-234.12
SLVT 910	38	11.47	105	36.63	8793.0	979231.45	4.81	-247.34
SLVT 911	38	10.70	105	35.71	8524.0	979243.90	4.40	-250.31
SLVT 912	38	10.14	105	35.19	8472.0	979250.00	4.19	-246.71
SLVT 913	38	10.64	105	34.34	8198.0	979274.17	3.02	-240.87
SLVT 952	38	15.55	105	32.25	7942.0	979332.52	1.26	-216.89
SLVT 953	38	16.55	105	31.93	7830.0	979336.58	1.32	-209.69

## PRINCIPAL FACTS

Area: Puerto I x 2-degree quadrangle

Data source: U. of Texas, El Paso (Davis, 1970)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
SLVT 955	38	15.77	105	30.04	7698.0	979343.02	0.90	-211.62
SLVT 956	38	13.61	105	30.07	7931.0	979322.75	1.09	-214.57
SLVT 958	38	11.52	105	31.31	7856.0	979310.06	1.76	-228.02
SLVT 959	38	12.92	105	32.90	7803.0	979317.38	1.73	-225.96
SLVT 963	38	9.15	105	30.02	7791.0	979310.55	1.57	-228.15
SLVT 968	38	9.24	105	31.61	7903.0	979296.63	2.01	-235.05
SLVT 969	38	9.29	105	33.83	8241.0	979267.58	3.26	-242.67
SLVT 970	38	8.28	105	35.43	8890.0	979216.06	6.56	-250.49
SLVT 972	38	6.63	105	32.23	8116.0	979267.58	3.40	-246.20
SLVT 973	38	5.34	105	31.98	8348.0	979252.20	4.00	-245.11
SLVT 974	38	5.30	105	30.36	8114.0	979271.24	2.78	-241.25
SLVT 975	38	3.55	105	31.78	8806.0	979217.53	5.44	-248.26
SLVT 976	38	2.48	105	30.46	8634.0	979231.20	4.82	-243.96
SLVT 977	38	3.52	105	29.29	8184.0	979265.87	2.88	-239.73
SLVT 980	38	7.01	105	29.18	7856.0	979301.51	1.75	-229.96
SLVT 981	38	3.96	105	28.15	8009.0	979282.47	2.14	-235.00
SLVT 982	38	2.01	105	28.24	8206.0	979263.18	2.96	-238.81
SLVT 983	38	0.90	105	28.26	8456.0	979235.60	3.36	-249.38
SLVT 988	38	7.10	105	19.29	9111.0	979246.34	2.22	-209.57
SLVT 990	38	2.76	105	18.22	8773.0	979251.71	2.58	-217.76
SLVT 993	38	3.26	105	24.66	8060.0	979288.82	1.49	-225.22
SLVT 994	38	2.33	105	25.47	8073.0	979282.96	1.57	-228.86
SLVT 995	38	2.59	105	26.57	8042.0	979281.98	1.85	-231.79
SLVT 996	38	1.27	105	26.60	8159.0	979271.48	2.07	-233.13
SLVT 997	38	1.25	105	25.50	8152.0	979274.90	1.66	-230.51
SLVT 998	38	0.32	105	26.64	8263.0	979265.14	2.22	-231.70
SLVT1002	38	1.95	105	23.35	8170.0	979284.18	1.43	-221.41
SLVT1003	38	9.86	105	11.42	8344.0	979207.12	4.88	-206.17
SLVT1006	38	6.56	105	16.98	9726.0	979210.69	3.92	-205.84
SLVT1007	38	1.26	105	21.93	8287.0	979281.01	1.48	-216.51
SLVT1025	38	0.25	105	17.33	9073.0	979232.67	2.17	-215.55
SLVT1026	38	1.21	105	19.89	8566.0	979267.33	1.69	-213.18
SLVT1150	38	5.37	105	33.65	8819.8	979218.26	6.69	-248.12

Date: 12/17/80

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc*	cba*
1	38	42.74	-104	49.39	6272.0	979461.25	2.71	-216.56
2	38	42.11	-104	49.61	6239.8	979463.22	2.75	-215.55
3	38	42.52	-104	50.90	6446.8	979450.67	6.56	-212.50
4	38	40.67	-104	50.84	6335.0	979456.78	3.05	-213.88
5	38	40.75	-104	49.13	6102.7	979470.22	1.82	-215.69
6	38	40.26	-104	48.10	5848.0	979484.40	3.45	-214.39
7	38	39.83	-104	46.45	5704.7	979493.81	1.01	-215.35
8	38	38.98	-104	45.32	5620.7	979497.61	0.77	-215.57
9	38	41.06	-104	45.75	5843.0	979486.50	0.90	-216.32
10	38	42.52	-104	47.35	5839.9	979488.33	1.52	-216.20
11	38	43.51	-104	46.51	5829.7	979489.30	1.26	-217.56
12	38	44.94	-104	47.99	5812.0	979486.60	2.20	-222.48
13	38	44.18	-104	50.18	6581.7	979439.62	5.04	-219.45
14	38	46.42	-104	48.80	5939.9	979482.10	2.39	-221.31
15	38	48.62	-104	50.41	6052.8	979474.56	2.75	-224.98
16	38	48.67	-104	51.88	6389.8	979452.81	3.54	-225.85
17	38	47.11	-104	49.30	6084.0	979473.21	2.28	-222.71
18	38	41.32	-104	52.15	6659.8	979439.78	7.96	-207.49
19	38	43.82	-104	48.98	6002.0	979477.37	2.86	-218.04
20	38	46.88	-104	50.99	6347.8	979455.20	4.52	-222.36
21	38	46.00	-104	50.98	6708.0	979430.79	6.09	-222.35
22	38	46.79	-104	51.80	6779.8	979427.11	5.97	-223.01
23	38	46.34	-104	52.33	7332.0	979395.96	6.69	-219.71
24	38	45.55	-104	53.15	7356.9	979396.81	7.71	-215.19
25	38	44.03	-104	53.74	8453.7	979331.55	6.21	-214.00
26	38	43.75	-104	52.55	8369.7	979338.08	9.03	-209.27
27	38	44.55	-104	51.88	9445.0	979256.97	18.25	-217.85
29	38	44.56	-104	54.77	9277.9	979278.59	9.49	-215.02
30	38	45.08	-104	53.93	8608.9	979319.73	8.53	-215.73
31	38	45.88	-104	54.49	8126.0	979349.10	8.81	-216.21
32	38	46.49	-104	54.14	7931.7	979362.20	8.47	-215.98
33	38	47.68	-104	53.87	7378.9	979395.68	8.23	-217.62
34	38	48.01	-104	52.58	7001.0	979415.69	7.47	-221.49
35	38	48.79	-104	52.51	6822.8	979426.83	6.05	-223.58
36	38	49.19	-104	53.50	6622.7	979439.24	9.88	-219.91
37	38	49.55	-104	53.09	6546.9	979443.84	6.06	-224.19
38	38	50.12	-104	52.52	6350.7	979457.22	4.90	-224.56
39	38	50.66	-104	54.10	6564.9	979450.83	7.15	-216.67
40	38	51.13	-104	54.89	6549.9	979449.63	8.86	-217.75
41	38	51.35	-104	55.57	6563.0	979445.27	14.71	-217.91

\* tc - total terrain correction

\* cba - complete Bouguer anomaly

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
43	38	52.58	-104	52.99	6451.8	979456.93	9.97	-217.35
44	38	49.69	-104	51.52	6235.9	979464.45	3.24	-225.22
45	38	38.87	-104	51.85	6618.8	979439.73	2.27	-212.07
46	38	38.85	-104	49.59	6569.0	979437.98	2.78	-216.26
47	38	37.31	-104	52.69	6431.7	979450.94	1.94	-210.10
48	38	36.77	-104	52.30	6310.7	979456.27	1.66	-211.49
49	38	36.11	-104	51.99	6251.0	979458.44	1.46	-212.13
50	38	35.69	-104	51.29	6159.8	979462.58	1.54	-212.75
51	38	35.39	-104	50.71	6126.0	979464.62	1.08	-212.75
52	38	34.87	-104	50.19	6128.0	979463.57	1.17	-212.83
53	38	34.07	-104	49.76	6054.8	979467.17	0.91	-212.69
54	38	33.20	-104	49.52	5989.8	979470.33	0.87	-212.18
55	38	32.38	-104	49.39	5881.9	979476.68	0.67	-211.28
56	38	31.58	-104	49.37	5820.9	979480.71	0.53	-209.86
57	38	30.76	-104	49.19	5752.9	979485.77	0.46	-207.73
58	38	36.26	-104	54.20	6546.0	979443.63	2.46	-208.50
59	38	35.38	-104	54.89	6439.0	979449.26	1.87	-208.58
60	38	35.15	-104	57.01	6660.7	979432.77	2.30	-211.02
61	38	34.73	-104	58.01	6609.9	979433.66	2.99	-211.87
62	38	34.64	-104	59.59	6282.8	979452.03	3.93	-212.00
63	38	34.07	-105	0.88	6075.1	979462.71	3.78	-213.06
64	38	33.29	-105	1.69	5976.7	979467.55	3.63	-213.12
65	38	32.27	-105	2.59	6006.9	979464.44	2.51	-214.04
66	38	31.15	-105	4.10	5885.8	979469.72	2.08	-214.79
67	38	30.62	-105	4.85	5818.9	979472.70	2.05	-215.06
68	38	30.08	-105	5.11	5745.7	979476.53	1.72	-215.15
69	38	29.09	-105	5.59	5667.0	979477.93	2.06	-216.66
70	38	27.65	-105	5.99	5491.8	979483.10	1.36	-220.55
71	38	26.81	-105	4.79	5480.0	979484.93	0.87	-218.69
72	38	26.80	-105	3.32	5381.9	979493.31	1.73	-215.30
73	38	26.81	-105	2.35	5458.0	979490.46	0.84	-214.50
74	38	26.80	-105	1.04	5466.9	979491.47	0.70	-213.09
75	38	26.81	-105	0.07	5443.9	979494.00	0.68	-211.96
76	38	32.21	-104	57.73	6177.8	979456.45	2.34	-211.86
77	38	34.72	-104	55.58	6392.0	979450.92	1.63	-208.95
78	38	41.23	-104	51.88	6591.8	979444.71	5.96	-208.49
79	38	41.12	-104	51.74	6547.9	979448.00	5.20	-208.43
80	38	41.11	-104	51.73	6535.7	979448.71	5.43	-208.20
81	38	41.09	-104	51.68	6545.9	979448.24	5.34	-208.12
82	38	41.08	-104	51.65	6552.8	979448.65	4.98	-208.20

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cha
84	38	41.00	-104	51.55	6483.9	979451.03	4.36	-209.89
85	38	40.87	-104	51.19	6369.7	979455.51	4.17	-212.25
86	38	40.66	-104	50.53	6294.9	979458.79	2.76	-214.54
87	38	40.51	-104	50.30	6250.0	979460.98	2.40	-215.17
88	38	40.49	-104	49.97	6194.9	979464.18	2.21	-215.44
89	38	40.30	-104	51.49	6293.0	979460.22	4.29	-211.17
90	38	38.75	-104	51.14	6614.8	979437.90	1.95	-214.29
91	38	38.87	-104	50.83	6634.8	979436.36	1.91	-214.85
92	38	38.80	-104	50.51	6627.0	979436.68	1.90	-214.91
93	38	38.86	-104	50.09	6594.8	979437.51	1.97	-216.02
94	38	32.59	-104	56.09	6173.9	979458.78	1.81	-210.98
95	38	30.10	-104	53.39	6003.9	979469.64	0.60	-207.74
96	38	31.10	-104	54.11	5898.0	979476.71	0.75	-208.33
97	38	32.05	-104	53.42	6042.0	979468.59	6.90	-203.07
98	38	32.66	-104	51.59	6017.7	979470.00	0.86	-210.06
99	38	33.23	-104	52.79	6194.9	979459.72	1.97	-209.47
100	38	34.00	-104	53.36	6402.9	979448.66	1.33	-209.85
101	38	33.11	-104	54.31	6210.0	979458.62	1.04	-210.42
102	38	32.09	-104	54.28	6033.8	979470.38	0.86	-207.87
103	38	30.47	-104	51.53	5804.8	979482.69	1.20	-206.55
104	38	30.28	-104	50.38	5713.9	979487.80	1.28	-206.52
105	38	53.51	-104	54.82	7889.7	979377.18	6.04	-216.29
106	38	53.98	-104	54.48	8106.0	979361.75	8.58	-216.92
107	38	54.47	-104	55.28	8619.7	979330.92	8.95	-217.30
108	38	54.98	-104	55.88	8855.0	979318.50	7.31	-218.01
109	38	55.09	-104	57.17	9418.0	979283.72	9.06	-217.43
110	38	56.84	-104	58.07	9354.0	979296.12	5.30	-215.21
111	38	57.31	-104	57.20	9306.7	979300.26	4.95	-214.95
112	38	58.21	-104	56.51	8650.9	979342.46	4.35	-214.00
113	38	57.68	-104	59.69	9475.7	979290.47	4.07	-216.02
114	38	59.00	-105	1.04	9460.0	979291.65	6.01	-215.79
115	38	59.62	-105	2.63	8437.0	979353.71	1.95	-220.06
116	38	58.33	-105	2.30	8168.0	979367.17	3.37	-219.40
117	38	57.38	-105	1.60	7981.0	979376.77	5.16	-217.82
118	38	58.10	-105	9.46	9097.7	979313.59	1.65	-218.61
119	38	59.51	-105	9.20	9094.8	979317.63	1.75	-216.73
120	38	56.15	-105	10.94	9025.9	979315.05	1.68	-218.56
121	38	56.12	-105	12.92	8949.1	979326.20	2.35	-217.30
122	38	56.15	-105	14.72	8567.9	979340.85	2.59	-218.11
123	38	56.87	-105	15.46	8921.9	979350.92	2.87	-219.00



Date: 12/17/80

name

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
125	38	57.47	-105	19.54	8072.8	979365.83	1.38	-227.17
126	38	58.07	-105	20.36	8129.9	979362.17	1.22	-228.45
127	38	58.34	-105	21.77	7941.9	979373.70	1.32	-228.48
128	38	59.63	-105	22.12	7929.1	979375.28	1.68	-229.21
129	38	57.58	-105	16.85	8291.0	979358.77	2.11	-220.58
130	38	58.51	-105	16.58	8422.9	979352.68	2.09	-220.16
131	38	59.60	-105	16.73	8834.0	979330.95	1.45	-219.48
132	38	56.20	-105	16.94	8322.8	979352.30	1.18	-224.04
133	38	55.01	-105	16.90	8340.9	979549.39	1.39	-223.91
134	38	54.13	-105	16.49	8412.7	979344.37	1.37	-223.34
135	38	53.06	-105	16.31	8579.1	979331.66	1.21	-224.66
136	38	52.19	-105	16.19	8496.7	979337.15	1.42	-222.62
137	38	51.31	-105	16.22	8436.0	979339.52	1.40	-222.61
138	38	50.44	-105	16.31	8320.8	979347.18	1.75	-220.22
139	38	49.37	-105	15.55	8151.9	979356.83	1.85	-219.03
140	38	47.90	-105	16.60	8079.7	979359.63	1.65	-218.58
141	38	46.60	-105	17.12	7904.8	979369.66	1.76	-217.01
142	38	48.77	-105	14.39	8278.9	979347.99	3.07	-218.15
143	38	47.66	-105	12.89	9005.9	979305.77	2.54	-215.67
144	38	47.09	-105	12.22	8869.7	979313.70	3.41	-214.20
145	38	45.49	-105	12.04	9424.8	979278.82	3.60	-213.24
146	38	46.37	-105	8.93	10085.0	979231.65	4.03	-221.66
147	38	46.94	-105	8.42	10020.0	979237.20	3.86	-221.01
148	38	46.91	-105	7.33	9934.7	979241.62	4.24	-221.29
149	38	42.61	-105	8.36	9702.7	979254.40	4.62	-215.73
150	38	43.22	-105	8.87	9669.9	979251.32	6.26	-220.03
151	38	43.88	-105	9.71	9454.7	979265.77	5.58	-220.14
152	38	44.53	-105	10.52	9364.8	979275.21	3.99	-217.45
153	38	42.71	-105	10.99	8814.9	979309.12	5.30	-213.73
154	38	42.23	-105	11.06	8699.8	979314.56	5.39	-214.40
155	38	41.47	-105	12.37	8104.0	979349.01	6.56	-213.38
156	38	40.70	-105	12.71	7260.0	979385.13	10.72	-222.53
157	38	39.92	-105	13.54	6914.7	979415.00	5.53	-217.38
158	38	39.29	-105	12.83	6974.7	979409.71	5.06	-213.60
159	38	38.50	-105	12.85	6759.8	979417.15	8.02	-219.92
160	38	37.76	-105	13.36	6549.9	979428.53	7.26	-220.76
161	38	36.89	-105	13.49	6418.0	979435.48	3.89	-223.91
162	38	36.10	-105	13.54	6225.1	979446.39	4.11	-223.07
163	38	34.76	-105	14.09	6054.8	979452.41	3.36	-226.01
164	38	33.49	-105	13.79	6018.0	979453.49	2.76	-227.95

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
166	38	32.11	-105	13.28	5814.9	979463.57	4.15	-224.52
167	38	30.11	-105	12.50	5521.0	979477.37	3.24	-226.27
168	38	28.69	-105	13.30	5480.0	979476.24	1.72	-229.28
169	38	24.49	-105	6.80	5333.0	979483.65	1.01	-225.21
170	38	25.37	-105	6.80	5374.0	979482.76	0.93	-225.02
171	38	26.24	-105	6.77	5457.0	979479.47	0.93	-224.62
172	38	27.62	-105	6.77	5544.0	979477.53	1.08	-223.24
173	38	28.31	-105	6.89	5613.8	979474.57	1.23	-222.88
174	38	28.97	-105	7.04	5690.9	979472.71	1.54	-220.79
175	38	29.51	-105	6.59	5760.8	979472.25	1.58	-217.83
176	38	30.74	-105	7.00	5962.9	979461.30	4.28	-215.80
177	38	31.97	-105	7.66	6333.0	979435.76	8.25	-217.03
178	38	32.50	-105	6.71	6545.9	979427.02	5.60	-216.39
179	38	32.89	-105	6.20	6736.9	979416.99	5.26	-215.97
180	38	33.59	-105	5.57	6932.7	979407.45	5.58	-214.49
181	38	34.40	-105	5.63	7276.9	979389.06	6.19	-212.85
182	38	35.30	-105	6.40	7627.0	979368.42	7.11	-212.93
183	38	35.75	-105	7.07	7835.0	979355.10	6.15	-215.41
184	38	36.56	-105	7.85	8072.8	979342.65	5.42	-215.53
185	38	44.42	-105	8.50	10484.9	979200.43	6.64	-223.38
186	38	42.20	-105	7.46	9710.0	979254.29	5.02	-214.40
187	38	41.38	-105	7.49	9699.8	979253.91	5.00	-214.20
188	38	40.24	-105	7.28	9534.8	979263.99	4.35	-213.00
189	38	39.29	-105	7.07	9290.0	979276.50	5.12	-213.01
190	38	38.09	-105	6.41	8669.9	979311.27	5.31	-213.47
191	38	37.58	-105	7.34	8420.0	979324.48	6.93	-212.87
192	38	43.82	-105	7.12	10200.8	979220.49	5.08	-221.06
193	38	41.96	-105	6.29	9949.8	979240.43	5.08	-213.45
194	38	40.99	-105	5.59	9480.0	979270.25	4.41	-211.07
195	38	40.61	-105	4.52	9829.7	979246.31	5.64	-212.23
196	38	39.68	-105	4.49	9710.0	979252.35	5.76	-211.89
197	38	38.95	-105	4.10	9439.9	979267.12	6.09	-211.92
198	38	41.38	-105	3.29	8929.8	979301.35	5.37	-212.59
199	38	44.20	-105	4.67	9329.7	979278.28	5.36	-215.83
200	38	44.23	-105	3.86	9689.9	979256.18	5.14	-216.58
201	38	43.58	-105	5.16	9605.0	979260.65	5.12	-216.27
202	38	43.45	-105	2.17	9520.0	979265.18	5.59	-216.18
203	38	44.00	-105	1.40	9409.8	979269.44	6.15	-214.20
204	38	43.18	-105	0.80	9626.9	979256.88	5.75	-217.50
205	38	43.72	-105	0.44	9790.0	979247.44	6.67	-217.50

Date: 12/17/80

PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle  
 Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	fc	cha
207	38	43.76	-104	58.40	9938.0	979236.66	8.18	-217.47
208	38	44.11	-104	56.96	9849.7	979243.51	7.84	-216.78
209	38	44.06	-104	55.46	9470.8	979266.04	9.63	-215.13
210	38	45.49	-105	0.68	10449.8	979205.18	10.14	-218.82
211	38	46.28	-105	1.06	10790.0	979186.74	8.92	-219.20
212	38	44.51	-105	5.62	9569.9	979261.89	6.07	-217.55
213	38	29.90	-105	20.99	6231.9	979435.21	1.62	-227.21
214	38	30.56	-105	21.53	6211.9	979434.62	2.14	-229.45
215	38	31.73	-105	23.29	6171.9	979431.33	2.81	-236.19
216	38	32.30	-105	25.00	6193.9	979423.57	3.74	-242.54
217	38	34.00	-105	25.54	6741.0	979404.27	4.11	-231.22
218	38	35.12	-105	25.09	7220.8	979378.23	1.90	-232.49
219	38	36.29	-105	26.09	7335.0	979368.85	2.59	-235.90
220	38	37.01	-105	26.69	7404.8	979367.55	2.51	-234.22
221	38	37.79	-105	27.59	7485.9	979361.14	2.63	-236.80
222	38	40.39	-105	29.24	8064.0	979330.19	2.79	-236.78
223	38	39.14	-105	28.30	7689.0	979347.01	2.83	-240.55
224	38	41.38	-105	29.35	8291.0	979320.21	3.15	-234.25
225	38	42.65	-105	30.38	8409.8	979312.57	4.00	-235.73
226	38	43.78	-105	31.36	8339.9	979316.07	3.48	-238.66
227	38	46.58	-105	30.20	9281.8	979266.74	1.67	-237.43
228	38	47.18	-105	29.54	9078.1	979279.72	2.77	-236.46
229	38	47.21	-105	27.52	8750.0	979304.48	1.25	-232.94
230	38	46.88	-105	25.49	8573.1	979318.35	1.87	-228.57
231	38	46.24	-105	23.57	8414.7	979329.33	1.38	-226.64
232	38	46.28	-105	21.71	8267.7	979340.76	1.22	-224.24
233	38	46.00	-105	19.70	8110.9	979354.24	1.40	-219.56
234	38	45.20	-105	16.88	8110.9	979357.10	1.98	-214.94
235	38	43.58	-105	16.87	7810.7	979372.46	1.52	-215.65
236	38	43.34	-105	17.21	7711.9	979377.39	1.69	-216.11
237	38	42.08	-105	18.80	7699.8	979373.81	1.45	-218.80
238	38	40.58	-105	20.21	7891.7	979355.21	2.05	-223.10
239	38	39.95	-105	21.77	8263.8	979330.95	1.62	-224.56
240	38	38.72	-105	21.89	8075.8	979338.82	1.45	-226.33
241	38	37.99	-105	24.20	8269.0	979320.54	1.30	-232.10
242	38	29.93	-105	15.32	5916.0	979455.64	1.79	-225.50
243	38	30.76	-105	15.59	6025.0	979449.61	1.90	-226.07
244	38	32.09	-105	15.59	6000.0	979451.67	1.99	-227.20
245	38	33.41	-105	16.25	6315.0	979433.38	2.07	-228.72
246	38	34.00	-105	17.57	7142.7	979386.77	2.31	-235.37

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
248	38	44.81	-105	32.89	8522.9	979300.65	1.96	-246.14
249	38	46.99	-105	34.58	8884.8	979278.87	1.59	-249.80
250	38	48.59	-105	36.50	9148.9	979266.15	1.73	-248.90
251	38	50.00	-105	37.78	9401.9	979244.75	1.75	-257.18
252	38	51.04	-105	56.53	10763.8	979140.27	5.13	-278.05
253	38	52.21	-105	40.01	9227.0	979246.12	1.02	-270.26
254	38	53.45	-105	41.17	9424.8	979234.02	1.10	-272.26
255	38	54.53	-105	41.99	9276.9	979244.21	0.90	-272.74
256	38	55.75	-105	42.97	8978.0	979265.80	0.77	-271.01
257	38	56.87	-105	43.37	8978.0	979266.74	0.73	-271.75
258	38	57.59	-105	43.30	8949.8	979268.09	0.68	-273.20
259	38	58.49	-105	43.91	8964.9	979268.74	0.65	-273.01
260	38	59.08	-105	44.63	8969.8	979274.61	0.71	-267.65
261	38	59.69	-105	45.83	8826.8	979287.66	0.80	-263.99
262	38	59.93	-105	43.36	8774.9	979280.44	0.66	-274.67
263	38	59.36	-105	42.20	8791.0	979279.35	0.63	-274.13
264	38	58.49	-105	41.89	8794.9	979272.89	0.64	-279.06
265	38	57.77	-105	41.09	8865.8	979267.93	0.67	-278.68
266	38	56.50	-105	40.40	8934.7	979264.16	0.71	-276.40
267	38	55.75	-105	39.56	8945.8	979263.62	0.75	-275.14
268	38	48.02	-105	28.90	8970.8	979288.79	1.37	-236.46
269	38	49.30	-105	29.26	9193.9	979273.54	1.91	-239.67
270	38	50.20	-105	29.27	9545.9	979252.56	2.03	-240.74
271	38	51.50	-105	29.20	8918.0	979290.73	1.79	-242.39
272	38	53.21	-105	29.18	8675.8	979307.50	1.22	-243.23
273	38	53.08	-105	28.28	8688.0	979310.46	1.28	-239.29
274	38	52.81	-105	27.02	9052.8	979291.70	1.49	-235.56
275	38	53.36	-105	25.40	8881.9	979305.29	1.22	-233.31
276	38	53.89	-105	24.17	8772.0	979317.35	1.07	-228.77
277	38	54.38	-105	22.67	8735.9	979320.81	0.95	-228.31
278	38	55.18	-105	21.98	8659.8	979327.45	0.88	-227.48
279	38	55.34	-105	20.99	8425.8	979342.78	1.00	-226.30
280	38	55.55	-105	19.88	8325.8	979351.54	1.19	-223.66
281	38	56.33	-105	19.12	8239.8	979358.07	1.33	-223.29
282	38	55.45	-105	9.46	9285.7	979296.12	2.15	-220.41
283	38	53.59	-105	9.47	9289.0	979292.83	2.87	-220.04
284	38	52.76	-105	9.38	9129.9	979299.41	4.40	-220.21
285	38	51.62	-105	9.07	8980.0	979303.72	5.22	-220.45
286	38	50.83	-105	9.53	9344.8	979283.62	3.89	-220.82
287	38	50.12	-105	8.09	9699.8	979260.33	7.72	-219.27

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
289	38	47.99	-105	7.18	10017.7	979236.45	5.71	-221.60
290	38	50.95	-105	18.56	8719.1	979322.58	1.18	-222.27
291	38	51.52	-105	21.26	8575.8	979330.79	1.21	-223.46
292	38	51.43	-105	24.79	9179.8	979286.47	1.35	-231.29
293	38	51.79	-105	26.44	9332.0	979275.69	1.68	-233.14
294	38	37.10	-105	28.57	7714.9	979344.64	1.77	-239.43
295	38	35.77	-105	30.46	7944.9	979324.97	1.72	-243.41
296	38	36.61	-105	31.70	8062.0	979315.42	1.66	-247.24
297	38	36.83	-105	33.19	8200.8	979305.29	1.67	-249.37
298	38	36.68	-105	34.39	8437.0	979289.87	2.37	-249.71
299	38	37.78	-105	35.75	8874.0	979264.05	1.97	-251.34
300	38	38.45	-105	36.38	8794.9	979268.09	1.75	-253.24
301	38	39.11	-105	37.87	8841.8	979260.70	1.55	-258.99
302	38	39.38	-105	38.95	8910.7	979256.23	1.94	-259.33
303	38	39.37	-105	40.07	8968.8	979248.95	1.56	-263.50
304	38	38.60	-105	43.16	9245.7	979229.33	2.13	-264.81
305	38	38.30	-105	43.60	9383.8	979221.13	2.15	-264.26
306	38	38.90	-105	42.55	9163.0	979229.46	1.78	-270.43
307	38	40.10	-105	38.81	8998.0	979253.59	1.29	-258.45
308	38	41.98	-105	38.90	9402.9	979230.89	1.48	-259.44
312	38	21.43	-105	28.33	7531.2	979366.32	0.69	-206.92
313	38	22.48	-105	27.28	7338.9	979378.39	1.31	-207.19
314	38	23.30	-105	27.50	7181.7	979383.84	2.28	-211.38
315	38	24.74	-105	26.11	6885.8	979399.04	3.24	-215.06
316	38	24.71	-105	25.13	6734.9	979406.53	4.24	-215.55
317	38	25.45	-105	27.25	8234.9	979307.96	8.55	-221.05
318	38	26.04	-105	22.86	6222.0	979434.13	2.44	-222.40
319	38	27.28	-105	22.70	5979.0	979450.36	2.21	-222.76
324	38	12.37	-105	21.77	8093.8	979321.03	1.73	-204.08
325	38	13.30	-105	21.25	8120.7	979321.62	1.37	-203.60
326	38	13.76	-105	20.42	7916.0	979334.24	2.18	-203.11
327	38	14.15	-105	19.63	8200.1	979319.24	1.57	-202.26
328	38	14.75	-105	18.82	8149.9	979323.62	1.55	-201.90
329	38	15.55	-105	18.20	8071.8	979328.69	1.57	-202.56
330	38	16.55	-105	17.69	7883.8	979337.48	1.86	-206.20
331	38	18.47	-105	19.22	7423.9	979361.89	6.60	-207.43
332	38	19.25	-105	20.33	6957.9	979397.74	4.42	-208.79
334	38	14.72	-105	16.46	6094.1	979323.49	2.21	-204.56
335	38	14.12	-105	16.42	6134.8	979322.97	2.39	-201.59
336	38	12.63	-105	17.04	6516.6	979392.43	1.92	-197.67

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cba
338	38	24.77	-105	41.48	7178.8	979345.72	5.96	-248.16
339	38	25.97	-105	41.57	7661.7	979322.32	2.31	-248.04
340	38	26.69	-105	41.90	7728.0	979317.96	2.56	-249.24
341	38	27.61	-105	42.05	7889.7	979313.54	3.10	-244.78
342	38	29.20	-105	42.02	8186.0	979293.43	3.91	-248.66
343	38	45.54	-105	41.85	8488.0	979279.52	4.45	-267.95
344	38	46.79	-105	41.52	8814.0	979261.30	2.76	-270.16
345	38	47.72	-105	41.56	8989.8	979249.22	2.49	-273.33
346	38	47.78	-105	39.26	9225.7	979241.19	1.87	-267.92
348	38	8.18	-105	23.72	8305.1	979291.80	1.32	-214.92
349	38	9.05	-105	21.56	8465.9	979288.25	1.67	-209.76
350	38	7.43	-105	19.75	9035.7	979246.26	2.29	-214.58
351	38	8.44	-105	19.61	8761.8	979268.52	3.28	-209.23
352	38	9.32	-105	18.59	8982.9	979260.22	2.28	-206.57
353	38	9.86	-105	17.24	9080.7	979255.64	2.22	-206.13
354	38	10.78	-105	17.69	8843.8	979274.07	1.92	-203.56
355	38	11.57	-105	17.84	8659.8	979289.06	1.98	-200.70
356	38	11.57	-105	16.04	8776.9	979280.65	2.17	-201.90
357	38	12.38	-105	14.54	8512.8	979292.40	3.53	-205.81
358	38	11.33	-105	14.05	8663.7	979283.45	3.62	-204.08
359	38	9.85	-105	11.51	8347.8	979296.55	3.33	-208.05
360	38	8.00	-105	10.70	8888.8	979263.56	3.25	-205.97
361	38	6.74	-105	10.52	9378.9	979236.29	4.02	-201.22
362	38	9.58	-105	15.43	8981.0	979262.92	2.32	-204.32
363	38	9.74	-105	14.74	8879.9	979269.97	2.47	-203.42
364	38	10.01	-105	13.03	8663.7	979282.48	2.66	-204.07
365	38	5.18	-105	11.17	9515.7	979234.29	6.29	-190.46
366	38	6.32	-105	8.17	9045.9	979251.05	6.76	-203.09
367	38	5.84	-105	7.01	9183.7	979239.95	6.04	-205.93
368	38	4.28	-105	5.72	8678.8	979269.11	5.68	-205.14
369	38	2.89	-105	5.48	8972.1	979253.14	6.08	-201.06
370	38	5.23	-105	8.33	9675.8	979215.26	5.19	-201.06
371	38	4.37	-105	7.67	9080.7	979249.76	5.01	-201.19
372	38	2.81	-105	7.79	9609.9	979216.92	6.27	-199.47
373	38	1.70	-105	9.22	10015.1	979184.67	8.27	-203.04
375	38	9.28	-105	28.78	7803.8	979314.40	1.29	-224.00
379	38	8.50	-105	30.76	7844.8	979302.81	1.88	-231.40
380	38	9.27	-105	32.71	8057.0	979283.02	2.40	-239.08
381	38	6.59	-105	17.45	9610.9	979216.65	4.28	-204.47
382	38	6.82	-105	15.60	9625.0	979219.47	3.71	-207.00

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
384	38	7.61	-105	12.91	9090.9	979252.08	5.46	-207.55
386	38	10.73	-105	9.02	7553.8	979341.52	7.99	-207.28
387	38	10.55	-105	7.88	7117.8	979365.07	7.99	-209.58
388	38	10.91	-105	6.46	6805.1	979383.55	5.32	-213.02
389	38	11.77	-105	6.14	6690.9	979390.14	4.13	-215.71
390	38	12.91	-105	5.57	6363.8	979409.66	3.33	-218.24
391	38	14.27	-105	5.06	6081.0	979429.66	2.35	-218.13
392	38	8.84	-105	4.10	7416.0	979344.58	3.54	-214.16
393	38	8.17	-105	6.32	7954.7	979313.75	9.37	-205.90
394	38	6.89	-105	8.69	8811.0	979267.23	6.93	-201.65
395	38	57.32	-105	21.37	8293.0	979352.57	1.14	-227.25
396	38	53.63	-105	22.10	8814.0	979316.02	0.96	-227.30
397	38	52.75	-105	22.21	8861.9	979311.91	1.02	-227.19
398	38	55.34	-105	23.96	8760.8	979317.63	1.11	-231.25
399	38	55.25	-105	25.75	8285.7	979341.08	3.32	-233.95
400	38	54.32	-105	27.92	8453.1	979324.14	4.61	-238.19
401	38	56.44	-105	24.20	8134.8	979354.02	5.19	-229.93
402	38	59.39	-105	23.27	8088.9	979364.91	2.48	-228.85
403	38	59.12	-105	25.12	8296.9	979351.11	2.15	-230.12
404	38	59.48	-105	25.81	8414.0	979344.97	1.38	-230.54
405	38	59.90	-105	26.96	8714.9	979327.07	1.11	-231.29
406	38	58.58	-105	26.63	8576.8	979331.49	1.27	-233.04
407	38	58.31	-105	28.55	9063.0	979295.21	3.28	-237.76
408	38	57.88	-105	27.37	8895.0	979307.56	1.29	-236.84
409	38	57.17	-105	28.22	9030.8	979295.85	1.44	-239.21
410	38	56.00	-105	29.69	8597.8	979316.23	1.35	-243.16
411	38	56.45	-105	30.29	8668.9	979311.38	1.04	-244.72
412	38	57.59	-105	32.59	8600.0	979307.11	0.98	-254.96
413	38	58.97	-105	34.45	8625.0	979299.36	0.91	-263.22
414	38	59.63	-105	35.33	8655.8	979295.91	0.85	-265.85
415	38	55.25	-105	31.78	8630.9	979302.00	0.91	-254.74
416	38	53.27	-105	35.18	9249.0	979252.19	1.59	-263.89
417	38	54.25	-105	36.77	8982.9	979268.61	0.94	-265.52
418	38	56.09	-105	35.00	8755.9	979281.85	0.82	-268.72
419	38	55.97	-105	36.83	8770.0	979280.00	0.75	-269.62
420	38	56.42	-105	34.07	8649.9	979292.35	1.19	-264.69
421	38	57.20	-105	34.75	8595.8	979294.88	0.90	-266.85
422	38	58.25	-105	36.11	8610.9	979293.05	0.96	-269.27
423	38	58.51	-105	37.00	8668.0	979287.82	1.06	-271.35
424	38	59.12	-105	37.78	8661.1	979289.61	0.89	-267.21

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
426	38	54.50	-105	32.80	8782.8	979284.32	0.99	-262.13
427	38	44.66	-105	34.09	8896.0	979276.77	1.13	-248.26
428	38	44.60	-105	35.92	8969.1	979266.75	1.51	-253.43
429	38	43.94	-105	37.07	9155.8	979253.86	2.46	-253.20
430	38	43.28	-105	39.14	9398.9	979232.35	2.16	-259.45
431	38	44.51	-105	39.44	9346.8	979239.30	2.23	-257.37
432	38	46.72	-105	41.26	10245.7	979179.79	3.31	-265.10
433	38	47.66	-105	42.20	9793.9	979214.23	1.80	-260.67
434	38	48.44	-105	44.23	9568.9	979227.55	1.07	-262.74
435	38	50.80	-105	42.56	9440.9	979235.42	0.99	-266.10
436	38	52.51	-105	44.15	9344.8	979242.59	0.85	-267.35
437	38	41.42	-105	41.78	9737.8	979201.94	2.48	-266.47
438	38	34.52	-105	31.40	8475.7	979288.95	1.70	-245.80
439	38	33.67	-105	32.44	8258.8	979298.60	2.31	-247.29
440	38	32.99	-105	32.99	8197.8	979302.43	1.95	-246.43
441	38	33.29	-105	30.50	8024.9	979316.78	2.27	-242.61
446	38	27.47	-105	28.40	5999.8	979444.32	11.43	-224.00
448	38	28.58	-105	25.75	5802.8	979453.76	13.19	-220.83
449	38	29.06	-105	23.92	5749.0	979458.02	5.56	-228.10
450	38	29.18	-105	22.31	5753.9	979460.76	3.23	-227.60
451	38	26.20	-105	36.00	6772.0	979382.60	5.04	-238.65
452	38	27.50	-105	35.38	7772.0	979327.55	4.82	-235.95
453	38	28.09	-105	34.97	7348.7	979351.54	6.09	-236.90
454	38	28.91	-105	34.60	7664.7	979332.84	5.56	-238.41
455	38	7.61	-104	2.42	4349.7	979567.88	-0.25	-176.26
456	38	6.76	-104	2.42	4379.9	979564.22	-0.25	-176.87
457	38	5.87	-104	2.42	4377.9	979562.60	-0.25	-177.31
458	38	5.00	-104	2.42	4391.7	979559.80	-0.25	-178.01
459	38	3.86	-104	2.44	4452.7	979553.65	-0.24	-178.84
460	38	2.30	-104	2.45	4477.7	979548.80	-0.23	-179.91
461	38	1.52	-104	2.44	4490.8	979546.75	-0.23	-180.03
462	38	0.25	-104	2.44	4461.9	979545.62	-0.23	-179.84
463	38	1.07	-104	0.77	4433.7	979550.63	-0.23	-178.90
464	38	2.80	-104	0.58	4381.9	979550.56	-0.23	-178.60
465	38	0.17	-104	3.88	4527.9	979542.33	-0.22	-180.25
466	38	1.51	-104	3.50	4525.9	979544.38	-0.23	-180.29
467	38	3.25	-104	3.53	4475.7	979551.12	-0.24	-179.11
468	38	2.21	-104	5.15	4544.0	979545.13	-0.22	-179.47
469	38	0.50	-104	6.56	4641.7	979536.13	-0.19	-180.10
470	38	1.48	-104	6.63	4552.8	979545.95	-0.22	-179.25



## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
472	38	7.61	-104	4.58	4383.8	979564.16	-0.25	-177.94
473	38	8.03	-104	6.79	4413.7	979561.95	-0.25	-178.98
474	38	8.00	-104	8.96	4448.8	979558.30	-0.25	-180.45
476	38	10.10	-104	8.87	4440.9	979562.28	-0.24	-180.05
477	38	9.95	-104	7.79	4409.8	979564.49	-0.24	-179.48
478	38	9.41	-104	6.70	4376.0	979566.43	-0.25	-178.78
479	38	8.95	-104	5.66	4377.9	979565.94	-0.25	-178.48
480	38	6.17	-104	4.90	4456.7	979557.43	-0.25	-178.21
481	38	5.29	-104	6.20	4533.8	979551.33	-0.23	-178.40
482	38	3.25	-104	7.94	4539.7	979547.94	-0.23	-178.45
483	38	2.35	-104	9.02	4594.8	979543.52	-0.21	-178.24
484	38	1.49	-104	9.05	4608.9	979541.47	-0.20	-178.18
485	38	0.62	-104	9.07	4588.9	979541.14	-0.20	-178.43
486	38	4.49	-104	9.02	4525.9	979550.58	-0.23	-178.45
487	38	1.45	-104	11.23	4588.9	979543.25	-0.19	-177.53
488	38	6.73	-104	8.96	4470.8	979555.54	-0.24	-180.07
489	38	5.38	-104	10.10	4473.7	979553.65	-0.24	-179.81
490	38	3.95	-104	10.31	4512.8	979550.04	-0.22	-178.97
491	38	3.25	-104	11.96	4584.0	979544.70	-0.20	-179.01
492	38	2.59	-104	13.42	4651.9	979540.23	-0.19	-178.45
493	38	1.94	-104	14.92	4770.0	979531.55	-0.15	-179.09
494	38	1.48	-104	13.43	4710.9	979535.21	-0.17	-178.30
495	38	0.16	-104	12.89	4711.9	979532.84	-0.17	-178.68
496	38	3.22	-104	9.04	4574.8	979545.57	-0.22	-178.67
497	38	8.90	-104	1.34	4320.9	979572.79	-0.23	-174.94
498	38	9.28	-104	0.19	4372.7	979570.53	-0.20	-174.63
499	38	10.88	-104	1.37	4614.8	979557.59	-0.17	-175.42
500	38	11.98	-104	1.37	4645.0	979557.43	-0.17	-175.39
501	38	12.83	-104	1.37	4669.9	979557.16	-0.16	-175.40
502	38	13.70	-104	0.28	4687.0	979558.45	-0.15	-174.36
503	38	12.85	-104	3.47	4655.8	979556.89	-0.18	-176.57
504	38	11.99	-104	4.45	4652.9	979555.00	-0.17	-177.36
505	38	12.86	-104	5.68	4657.8	979554.84	-0.17	-178.50
506	38	12.77	-104	6.92	4515.7	979562.87	-0.16	-178.92
507	38	14.59	-104	5.66	4666.0	979556.89	-0.19	-178.52
508	38	16.58	-104	6.56	4750.0	979552.90	-0.16	-180.38
509	38	16.58	-104	5.47	4764.8	979553.17	-0.15	-179.21
510	38	16.58	-104	4.57	4738.8	979556.19	-0.15	-177.76
511	38	16.58	-104	3.26	4748.7	979556.35	-0.15	-176.99
512	38	15.68	-104	3.47	4751.0	979555.42	-0.15	-177.17

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G P observed	A V T T Y	
	deg	min	deg	min			tc	cha
514	38	17.45	-104	3.26	4776.9	979555.48	-0.14	-177.44
515	38	18.35	-104	3.28	4805.8	979554.68	-0.13	-177.83
516	38	19.22	-104	3.29	4829.7	979554.19	-0.13	-178.16
517	38	20.09	-104	3.29	4857.9	979553.22	-0.12	-178.71
518	38	20.09	-104	2.18	4864.8	979553.92	-0.11	-177.59
519	38	20.09	-104	1.12	4855.0	979555.59	-0.10	-176.49
520	38	20.09	-104	0.01	4843.8	979557.16	-0.10	-175.59
521	38	21.83	-104	0.02	4881.9	979557.10	-0.09	-175.92
522	38	23.56	-104	0.02	4934.7	979555.86	-0.06	-176.51
523	38	23.56	-104	1.12	4933.7	979555.22	-0.08	-177.23
524	38	23.57	-104	3.29	4953.7	979552.30	-0.08	-178.97
525	38	23.57	-104	5.57	4964.9	979549.39	-0.08	-181.21
526	38	23.57	-104	6.67	4974.7	979548.05	-0.08	-181.97
527	38	21.80	-104	6.64	4895.0	979550.52	-0.11	-181.69
528	38	20.09	-104	6.59	4842.8	979551.50	-0.13	-181.34
529	38	20.11	-104	5.39	4828.7	979553.06	-0.13	-180.65
530	38	15.61	-104	11.98	4622.7	979556.94	-0.20	-182.56
531	38	15.61	-104	13.25	4498.7	979563.89	-0.20	-183.02
532	38	16.54	-104	9.38	4627.0	979559.04	-0.19	-181.56
533	38	16.57	-104	7.87	4664.7	979557.37	-0.18	-181.01
534	38	18.35	-104	1.09	4801.8	979556.83	-0.12	-175.90
535	38	16.58	-104	1.09	4752.0	979557.80	-0.14	-175.34
536	38	20.96	-104	3.29	4886.8	979552.36	-0.11	-179.11
537	38	21.86	-104	3.29	4886.8	979553.81	-0.11	-178.98
538	38	20.09	-104	4.39	4868.8	979551.33	-0.11	-179.95
539	38	18.32	-104	6.59	4781.8	979553.00	-0.15	-180.91
540	38	18.29	-104	8.39	4736.9	979554.78	-0.16	-181.79
541	38	18.26	-104	11.00	4846.8	979545.99	-0.12	-183.92
542	38	17.39	-104	11.00	4816.9	979547.13	-0.13	-183.30
543	38	19.12	-104	11.00	4879.9	979544.92	-0.11	-184.26
544	38	20.00	-104	11.00	4899.9	979544.97	-0.11	-184.31
545	38	20.89	-104	11.00	4941.9	979543.19	-0.09	-184.87
546	38	21.77	-104	8.83	4935.7	979546.59	-0.10	-183.14
547	38	22.63	-104	9.89	4971.8	979544.43	-0.09	-184.39
548	38	21.74	-104	11.03	4975.7	979542.38	-0.08	-184.89
549	38	23.50	-104	11.06	5044.9	979540.17	-0.06	-185.52
550	38	25.25	-104	11.09	5101.7	979538.66	-0.04	-186.19
551	38	25.21	-104	12.19	5135.8	979535.48	-0.03	-187.28
552	38	25.21	-104	13.58	5171.9	979532.03	-0.01	-188.54
553	38	9.89	-104	5.55	4375.0	979569.77	-0.23	-176.11

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle  
 Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cha
555	38	11.42	-104	8.41	4393.7	979567.34	-0.22	-179.72
556	38	14.99	-104	38.99	4853.0	979529.89	-0.04	-194.78
557	38	14.77	-104	14.30	4460.9	979565.30	-0.21	-182.65
558	38	25.25	-104	9.98	5078.7	979540.88	-0.05	-185.35
559	38	25.25	-104	8.87	5071.8	979542.49	-0.05	-184.16
560	38	23.51	-104	8.84	4993.8	979545.19	-0.08	-183.60
561	38	25.28	-104	7.76	5036.7	979545.73	-0.06	-183.07
562	38	27.86	-104	7.70	5167.0	979539.85	-0.01	-184.90
563	38	27.88	-104	6.71	5148.9	979541.52	-0.02	-184.35
564	38	26.11	-104	6.65	5076.8	979544.92	-0.04	-182.68
565	38	26.12	-104	5.00	5055.8	979547.67	-0.05	-181.21
566	38	26.14	-104	1.10	5014.8	979552.57	-0.04	-178.79
567	38	27.88	-104	0.22	5046.9	979552.47	-0.02	-179.50
568	38	27.86	-104	2.18	5085.9	979548.96	-0.02	-180.64
569	38	29.60	-104	0.26	5127.0	979548.26	0.02	-181.41
570	38	29.60	-104	2.15	5138.8	979546.10	0.01	-182.87
571	38	27.86	-104	3.29	5106.0	979546.81	-0.01	-181.59
572	38	27.01	-104	3.32	5080.7	979547.72	-0.03	-180.96
573	38	27.86	-104	4.40	5123.7	979544.59	-0.02	-182.76
574	38	27.86	-104	5.51	5126.0	979543.89	-0.02	-183.32
575	38	50.29	-104	40.91	6279.8	979463.19	0.56	-227.42
576	38	52.07	-104	40.91	6445.9	979453.76	0.59	-229.50
577	38	50.26	-104	39.64	6210.0	979468.53	0.52	-226.25
578	38	50.41	-104	37.70	6129.9	979475.81	0.50	-224.00
579	38	50.32	-104	36.46	6237.8	979469.93	0.45	-223.34
580	38	50.30	-104	35.41	6233.9	979470.79	0.53	-222.61
581	38	50.30	-104	34.27	6488.8	979454.62	0.62	-223.44
582	38	50.30	-104	33.17	6495.7	979455.21	0.54	-222.51
583	38	50.30	-104	32.06	6395.0	979462.22	0.44	-221.63
584	38	50.30	-104	30.91	6315.9	979467.56	0.40	-221.06
585	38	51.17	-104	30.98	6384.8	979464.86	0.42	-220.90
586	38	52.06	-105	52.22	9177.8	979240.76	0.70	-278.69
587	38	52.90	-104	30.98	6456.7	979464.22	0.45	-219.76
588	38	53.78	-104	32.06	6533.8	979460.39	0.47	-220.25
589	38	55.51	-104	33.14	6716.8	979450.68	0.56	-221.46
590	38	55.51	-104	32.02	6609.9	979458.39	0.50	-220.21
591	38	55.51	-104	30.91	6553.8	979462.87	0.46	-219.13
592	38	55.51	-104	29.78	6563.0	979462.65	0.47	-218.79
593	38	55.51	-104	28.70	6473.7	979469.28	0.43	-217.54
594	38	55.49	-104	27.61	6450.8	979470.09	0.41	-216.70

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
596	38	55.49	-104	25.30	6362.8	979478.61	0.38	-214.87
597	38	55.49	-104	24.29	6329.7	979481.25	0.37	-214.22
598	38	55.49	-104	23.17	6273.9	979485.51	0.37	-213.30
599	38	53.77	-104	25.42	6260.8	979481.90	0.35	-215.18
600	38	52.03	-104	25.97	6168.0	979484.22	0.32	-215.88
601	38	49.40	-104	24.20	5997.7	979490.04	0.25	-216.45
602	38	48.58	-104	23.18	5924.9	979493.92	0.23	-215.73
603	38	46.82	-104	23.15	5844.8	979496.78	0.20	-215.10
604	38	45.98	-104	24.26	5831.7	979496.72	0.20	-214.71
605	38	45.98	-104	25.37	5881.9	979492.95	0.21	-215.47
606	38	45.98	-104	26.48	5882.9	979492.30	0.21	-216.06
607	38	45.98	-104	27.58	5920.9	979489.18	0.23	-216.88
608	38	45.98	-104	29.78	6050.8	979479.90	0.30	-218.32
609	38	44.24	-104	28.07	5861.9	979492.30	0.22	-214.75
610	38	41.63	-104	28.61	5703.7	979501.36	0.16	-211.36
611	38	41.63	-104	29.71	5729.0	979499.09	0.18	-212.10
612	38	41.66	-104	27.50	5677.8	979503.52	0.15	-210.80
613	38	43.37	-104	27.53	5774.9	979497.96	0.19	-213.03
614	38	41.63	-104	26.41	5609.9	979508.42	0.13	-209.94
615	38	41.63	-104	25.28	5577.7	979510.52	0.12	-209.77
616	38	41.63	-104	24.16	5584.0	979510.31	0.11	-209.62
617	38	41.65	-104	23.06	5577.7	979511.17	0.12	-209.15
618	38	39.89	-104	27.56	5574.8	979509.07	0.12	-208.84
619	38	39.02	-104	28.69	5516.7	979512.14	0.10	-207.99
620	38	36.41	-104	28.70	5340.9	979522.06	0.05	-204.79
621	38	34.67	-104	28.70	5261.8	979526.48	0.01	-202.56
622	38	34.67	-104	29.87	5277.9	979524.97	0.02	-203.12
623	38	34.69	-104	27.59	5273.9	979525.62	0.00	-202.76
624	38	8.00	-104	11.14	4488.8	979554.95	-0.24	-181.44
625	38	10.16	-104	11.09	4498.7	979557.69	-0.23	-181.27
626	38	10.16	-104	9.97	4463.9	979560.34	-0.24	-180.70
627	38	10.16	-104	12.10	4502.0	979556.94	-0.23	-181.82
628	38	10.16	-104	14.38	4586.9	979549.82	-0.23	-183.86
629	38	8.39	-104	14.30	4639.8	979543.46	-0.21	-184.45
630	38	7.54	-104	14.45	4595.8	979545.19	-0.21	-184.11
631	38	11.47	-104	14.36	4531.8	979555.38	-0.24	-183.52
632	38	12.77	-104	14.30	4503.9	979559.37	-0.24	-183.11
633	38	13.55	-104	15.68	4464.9	979562.01	-0.22	-183.92
634	38	14.90	-104	15.38	4476.4	979563.50	-0.21	-183.71
635	38	14.87	-104	20.09	4494.7	979559.47	-0.18	-186.50

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
637	38	12.77	-104	18.76	4572.8	979551.71	-0.22	-186.63
638	38	13.78	-104	17.62	4529.8	979556.90	-0.22	-185.39
639	38	12.35	-104	20.90	4658.8	979544.65	-0.19	-187.91
640	38	11.02	-104	20.98	4691.9	979540.12	-0.19	-188.51
641	38	10.16	-104	22.07	4684.7	979538.50	-0.19	-189.30
642	38	9.26	-104	20.99	4643.7	979540.17	-0.20	-188.77
643	38	8.86	-104	23.18	4685.7	979535.75	-0.18	-190.08
644	38	8.39	-104	25.39	4755.9	979529.23	-0.16	-191.69
645	38	7.52	-104	25.39	4765.7	979527.83	-0.16	-191.23
646	38	9.59	-104	25.37	4733.9	979531.76	-0.17	-192.25
647	38	10.25	-104	27.56	4766.7	979529.88	-0.16	-193.12
648	38	8.39	-104	27.59	4815.0	979525.13	-0.14	-192.24
649	38	8.39	-104	28.69	4869.7	979521.63	-0.13	-192.46
650	38	9.19	-104	29.80	4866.8	979522.39	-0.13	-193.06
651	38	8.24	-104	30.97	4955.7	979515.59	-0.09	-193.10
652	38	10.12	-104	30.59	4846.8	979525.03	-0.12	-192.96
653	38	12.98	-104	32.00	4738.8	979536.29	-0.13	-192.35
654	38	14.69	-104	31.97	4679.8	979543.00	-0.13	-191.58
655	38	14.05	-104	30.89	4698.8	979541.04	-0.14	-191.57
656	38	13.60	-104	29.87	4637.8	979544.16	-0.14	-191.43
657	38	13.61	-104	27.55	4664.7	979543.25	-0.17	-190.78
658	38	12.38	-104	27.79	4734.9	979536.51	-0.17	-191.53
659	38	13.61	-104	25.36	4630.9	979546.81	-0.19	-189.26
660	38	14.69	-104	25.31	4604.0	979550.52	-0.19	-188.74
661	38	10.85	-104	25.39	4690.9	979536.51	-0.19	-191.93
662	38	12.77	-104	22.87	4657.8	979544.70	-0.19	-188.53
663	38	12.34	-104	15.41	4525.9	979556.19	-0.23	-184.33
664	38	12.10	-104	17.09	4533.8	979553.92	-0.22	-185.77
665	38	11.00	-104	17.92	4572.8	979548.53	-0.22	-187.21
666	38	10.16	-104	16.57	4649.9	979543.46	-0.21	-186.44
667	38	18.20	-104	16.51	4687.0	979553.27	-0.19	-186.17
668	38	17.00	-104	16.49	4660.8	979553.44	-0.20	-185.83
669	38	8.39	-104	16.61	4727.7	979536.35	-0.18	-186.28
670	38	19.84	-104	16.49	4703.7	979554.41	-0.17	-186.42
671	38	20.81	-104	16.57	4743.8	979552.90	-0.17	-186.96
672	38	21.67	-104	16.58	4777.9	979551.82	-0.15	-187.24
673	38	22.22	-104	18.29	4787.7	979551.17	-0.15	-188.11
674	38	22.95	-104	16.59	4856.9	979546.15	-0.15	-187.96
675	38	24.43	-104	17.87	4889.8	979547.07	-0.11	-189.32
676	38	26.56	-104	16.58	5051.8	979546.58	-0.07	-189.90

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cba
678	38	26.03	-104	20.99	4939.0	979544.06	-0.11	-191.73
679	38	27.37	-104	20.50	4991.8	979541.68	-0.09	-192.90
680	38	28.67	-104	16.58	5152.9	979535.05	-0.03	-191.76
681	38	28.49	-104	19.01	5027.9	979541.31	-0.07	-192.74
682	38	29.98	-104	21.86	5066.9	979538.40	-0.07	-195.51
683	38	28.12	-104	21.86	4990.8	979542.17	-0.09	-193.57
684	38	24.61	-104	19.88	4881.9	979546.86	-0.12	-190.27
685	38	16.66	-104	26.83	4573.8	979554.41	-0.15	-189.50
686	38	26.84	-104	35.36	5016.7	979533.87	-0.01	-198.37
687	38	24.79	-104	35.66	4963.9	979534.57	-0.01	-197.81
688	38	22.79	-104	36.20	4901.9	979535.38	-0.02	-197.78
689	38	29.87	-104	35.66	5212.9	979524.32	0.01	-200.62
690	38	30.44	-104	35.87	5237.8	979523.19	0.03	-201.08
691	38	32.30	-104	36.88	5214.9	979524.70	0.08	-203.61
692	38	34.67	-104	37.58	5296.9	979519.10	0.13	-207.74
693	38	34.01	-105	16.76	6516.1	979421.82	1.84	-229.42
694	38	34.67	-104	34.28	5479.0	979510.69	0.13	-205.27
695	38	34.67	-104	31.94	5325.8	979521.58	0.05	-203.62
696	38	34.67	-104	30.52	5268.7	979525.51	0.02	-203.14
697	38	34.69	-104	26.48	5277.9	979525.83	0.00	-202.32
698	38	34.70	-104	25.36	5286.7	979525.62	0.00	-202.01
699	38	37.28	-104	26.47	5393.7	979519.90	0.04	-205.09
700	38	52.04	-104	23.20	6099.7	979490.31	0.30	-213.91
701	38	53.77	-104	23.18	6195.9	979487.72	0.33	-213.27
702	38	46.85	-104	40.37	5925.8	979484.65	0.48	-222.15
703	38	46.85	-104	41.47	6076.8	979474.08	0.55	-223.62
704	38	46.84	-104	43.18	5973.7	979480.55	0.66	-223.19
705	38	46.88	-104	44.30	5959.0	979481.14	0.79	-223.41
706	38	46.88	-104	45.41	5887.8	979485.24	1.00	-223.36
707	38	46.81	-104	46.36	5820.9	979489.39	1.28	-222.83
708	38	46.85	-104	38.93	5869.7	979488.85	0.42	-221.36
709	38	46.85	-104	38.14	5888.8	979487.99	0.39	-221.11
710	38	46.87	-104	36.50	5891.7	979488.58	0.37	-220.40
711	38	46.00	-104	36.47	5900.9	979487.67	0.35	-219.50
712	38	45.98	-104	35.30	6016.7	979480.12	0.34	-220.11
713	38	45.98	-104	33.11	6126.0	979473.38	0.37	-220.27
714	38	45.10	-104	31.97	6033.8	979480.66	0.31	-217.27
715	38	46.85	-104	30.69	6120.7	979475.48	0.35	-219.81
716	38	48.56	-104	32.05	6310.7	979464.43	0.42	-221.92
717	38	50.30	-104	27.62	6178.9	979471.15	0.32	-219.10

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G P A V I T Y		
	deg	min	deg	min		observed	tc	cha
719	38	49.46	-104	27.61	6134.8	979479.26	0.31	-219.05
720	38	47.69	-104	27.59	6059.7	979481.36	0.28	-218.87
721	38	43.37	-104	24.76	5681.7	979504.59	0.15	-212.01
722	38	43.40	-104	23.09	5651.9	979507.29	0.16	-211.14
723	38	44.24	-104	23.09	5701.8	979504.43	0.17	-212.24
724	38	41.63	-104	30.86	5794.0	979494.46	0.22	-212.81
725	38	41.63	-104	31.94	5798.9	979493.97	0.23	-212.99
726	38	41.63	-104	34.16	5786.7	979493.65	0.24	-214.03
727	38	41.63	-104	36.50	5632.9	979503.14	0.25	-213.73
728	38	41.60	-104	38.57	5739.8	979495.05	0.32	-215.31
729	38	41.18	-104	39.80	5656.8	979499.09	0.35	-215.58
730	38	16.64	-104	23.93	4613.8	979553.54	-0.19	-187.99
731	38	17.38	-104	23.14	4584.0	979556.29	-0.16	-188.10
732	38	18.92	-104	23.14	4629.9	979554.95	-0.17	-188.94
733	38	19.70	-104	25.55	4822.8	979542.28	-0.15	-191.21
734	38	18.08	-104	25.97	4767.7	979544.16	-0.15	-190.24
735	38	19.09	-104	28.01	4882.9	979536.78	0.00	-192.07
736	38	20.00	-104	28.69	4899.9	979536.29	-0.10	-192.98
737	38	19.37	-104	31.43	4836.9	979538.13	-0.01	-193.89
738	38	20.00	-104	32.81	5223.7	979512.30	1.55	-195.97
739	38	21.32	-104	31.72	5254.9	979513.22	0.26	-196.41
740	38	22.27	-104	30.07	5081.7	979526.64	-0.05	-195.05
741	38	21.65	-104	29.69	5015.7	979530.69	-0.07	-194.05
742	38	21.58	-104	27.38	4908.8	979538.13	-0.12	-192.94
743	38	22.34	-104	27.10	4916.0	979538.88	-0.12	-192.88
744	38	24.04	-104	30.28	5278.9	979515.38	0.06	-197.00
745	38	25.97	-104	31.58	5210.9	979521.90	-0.02	-197.46
746	38	25.94	-104	33.13	5140.7	979526.10	-0.04	-197.43
747	38	25.97	-104	34.49	5066.9	979530.47	-0.03	-197.51
748	38	23.53	-104	33.29	5392.7	979506.75	0.36	-197.78
749	38	22.19	-104	33.58	5314.9	979510.25	0.22	-197.10
750	38	26.57	-104	29.30	5105.0	979529.88	-0.07	-196.74
751	38	26.30	-104	27.28	4947.8	979540.61	-0.09	-195.03
752	38	27.59	-104	25.40	4809.8	979546.54	-0.08	-194.46
753	38	28.72	-104	26.29	4968.8	979542.22	-0.06	-195.71
754	38	29.03	-104	23.72	5047.9	979538.29	-0.09	-195.38
755	38	27.05	-104	23.17	4967.8	979542.44	-0.10	-193.12
756	38	25.37	-104	24.13	4857.9	979547.40	-0.11	-192.27
757	38	24.59	-104	24.23	4829.7	979548.48	-0.12	-191.74
758	38	25.15	-104	26.15	4982.9	979537.16	-0.11	-191.16

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
760	38	23.39	-104	27.56	4908.8	979539.90	-0.11	-193.82
761	38	24.20	-104	29.69	5059.7	979529.07	-0.06	-196.77
762	38	28.54	-104	32.71	5126.0	979529.55	-0.04	-198.68
763	38	28.58	-104	30.86	5225.7	979523.46	-0.02	-198.85
764	38	29.47	-104	28.85	5080.7	979534.24	-0.06	-198.06
765	38	30.67	-104	28.70	5043.0	979537.53	-0.05	-198.80
766	38	18.89	-104	39.50	4814.0	979534.41	-0.01	-198.28
767	38	19.25	-104	41.39	4955.7	979521.79	-0.01	-202.96
768	38	20.00	-104	44.15	5106.9	979516.45	0.04	-200.30
769	38	20.69	-104	46.90	5118.8	979514.73	0.11	-202.26
770	38	21.32	-104	50.54	5149.9	979512.19	0.19	-203.79
771	38	21.58	-104	51.98	5215.9	979506.91	0.22	-205.47
772	38	21.79	-104	53.28	5195.0	979508.04	0.27	-205.85
773	38	22.91	-105	6.50	5197.8	979489.82	1.12	-224.69
774	38	21.65	-105	6.38	5314.0	979481.57	1.12	-224.15
775	38	20.69	-105	6.38	5455.7	979471.55	1.12	-224.29
776	38	19.64	-105	6.29	5573.8	979463.08	1.21	-224.07
777	38	18.61	-105	6.25	5609.9	979459.85	1.42	-223.42
778	38	17.21	-105	5.20	5751.0	979452.16	1.44	-220.59
779	38	14.59	-105	3.23	6041.0	979435.21	2.26	-215.54
780	38	15.08	-105	0.17	5508.8	979471.44	1.04	-213.08
781	38	15.08	-104	58.49	5442.9	979477.26	0.82	-211.42
782	38	15.50	-104	55.72	5335.9	979487.50	0.54	-208.47
783	38	15.53	-104	52.79	5280.8	979493.97	0.37	-205.51
784	38	15.50	-104	50.78	5127.9	979504.76	0.29	-203.90
785	38	15.28	-104	49.16	5044.0	979509.45	0.23	-203.96
786	38	14.33	-104	50.02	5154.8	979501.20	0.29	-204.13
787	38	15.47	-104	43.22	4855.0	979524.81	0.07	-200.33
788	38	15.50	-104	38.18	4780.8	979531.39	-0.05	-198.35
789	38	15.50	-104	39.71	4777.9	979531.17	-0.01	-198.70
790	38	14.09	-104	39.70	4870.7	979523.79	-0.01	-198.47
791	38	13.40	-104	40.81	4991.8	979515.38	0.01	-198.61
792	38	12.35	-104	42.67	5178.8	979500.87	0.11	-200.31
793	38	11.42	-104	44.18	5044.0	979506.21	0.15	-201.45
794	38	10.69	-104	45.37	5111.9	979500.17	0.19	-202.50
795	38	10.07	-104	46.37	5215.9	979492.68	0.24	-202.81
796	38	9.38	-104	47.48	5346.8	979485.30	0.32	-203.23
797	38	8.50	-104	48.58	5572.8	979467.34	0.42	-204.35
798	38	7.84	-104	50.66	5419.9	979474.51	1.10	-204.66
799	38	7.16	-104	51.71	5567.9	979464.22	0.75	-205.01



## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
801	38	5.86	-104	54.31	5984.9	979436.40	1.03	-206.15
802	38	5.27	-104	55.60	6108.9	979426.59	1.34	-207.36
803	38	4.15	-104	57.89	6171.9	979417.91	3.07	-208.91
804	38	25.13	-105	2.32	5272.0	979498.42	0.73	-215.31
805	38	25.91	-105	1.40	5362.8	979495.66	0.69	-213.62
806	38	28.40	-105	1.94	5747.7	979475.81	0.93	-214.07
807	38	24.68	-105	0.85	5246.7	979501.47	0.64	-213.20
808	38	23.75	-104	59.71	5188.0	979504.38	0.58	-212.49
809	38	23.14	-104	57.58	5141.7	979507.99	0.50	-210.23
810	38	22.25	-104	56.66	5213.9	979504.32	0.37	-209.01
811	38	21.79	-104	54.71	5185.7	979507.50	0.32	-206.90
812	38	18.95	-104	50.33	5003.9	979517.15	0.22	-204.05
813	38	19.49	-104	52.28	5115.8	979509.88	0.25	-205.39
814	38	21.73	-105	4.72	5226.7	979490.79	0.96	-220.43
815	38	22.22	-105	2.78	5193.9	979497.51	0.78	-216.57
816	38	19.37	-105	3.59	5467.8	979474.62	1.00	-218.68
817	38	17.18	-105	3.08	5708.0	979458.18	1.21	-217.33
818	38	15.47	-105	1.81	5513.8	979469.61	1.29	-214.93
819	38	14.21	-104	58.49	5488.8	979473.65	0.94	-210.89
820	38	13.12	-104	59.12	5643.7	979462.17	1.16	-211.29
821	38	11.39	-104	59.47	5841.9	979448.31	1.95	-209.97
822	38	10.97	-104	57.34	5762.8	979455.27	1.31	-207.76
823	38	9.89	-104	56.57	5990.8	979441.41	1.29	-206.42
824	38	8.87	-104	8.93	4445.9	979559.85	-0.17	-180.31
825	38	7.88	-104	55.49	6111.9	979431.49	1.24	-206.21
826	38	6.59	-104	55.28	6043.0	979433.97	1.44	-205.77
827	38	4.34	-104	56.15	6003.9	979429.50	1.98	-208.74
828	38	1.97	-104	56.87	6258.8	979408.85	2.62	-210.03
829	38	0.79	-104	55.39	6252.0	979409.12	2.16	-208.91
830	38	0.46	-104	53.87	6072.8	979420.55	1.64	-208.23
831	38	1.64	-104	52.82	5823.8	979437.48	1.23	-208.33
832	38	1.49	-104	51.17	5729.0	979444.05	0.98	-207.47
833	38	0.44	-104	52.03	5897.0	979432.52	1.24	-207.15
834	38	2.06	-104	49.69	5632.9	979451.33	0.82	-206.23
835	38	2.90	-104	47.65	5359.9	979468.15	0.68	-207.80
836	38	3.28	-104	49.69	5599.7	979455.00	0.64	-207.20
837	38	4.16	-104	52.19	5911.7	979436.89	0.83	-207.76
838	38	5.03	-104	53.03	5898.9	979439.85	0.92	-206.74
839	38	7.67	-104	53.00	5735.9	979455.32	0.81	-204.99
840	38	8.50	-104	52.97	5606.0	979464.22	0.83	-205.91

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
842	38	10.34	-104	54.23	5572.8	979468.53	0.95	-205.30
843	38	11.42	-104	55.18	5467.8	979475.05	0.95	-206.65
844	38	12.02	-104	53.87	5359.9	979482.06	0.93	-206.99
845	38	11.87	-104	51.62	5345.8	979485.08	0.46	-205.06
846	38	11.86	-104	50.12	5221.8	979493.49	0.55	-203.96
847	38	11.96	-104	48.55	5161.7	979497.05	0.49	-204.20
848	38	12.50	-104	46.69	5114.8	979502.22	0.20	-202.91
849	38	13.28	-104	45.25	4990.8	979512.63	0.14	-201.12
850	38	14.12	-104	43.60	5122.7	979506.21	0.10	-200.92
851	38	14.51	-104	41.90	4935.7	979519.80	0.02	-199.17
852	38	13.55	-104	38.57	4841.9	979525.94	-0.03	-197.28
853	38	11.09	-104	40.57	5051.8	979507.83	0.03	-199.17
854	38	9.59	-104	41.69	5018.7	979505.83	0.08	-200.91
855	38	7.61	-104	42.40	5183.7	979491.60	0.13	-202.32
856	38	5.00	-104	45.20	5194.9	979483.46	0.57	-205.54
857	38	7.67	-104	40.18	5019.7	979504.07	0.07	-199.81
858	38	9.26	-104	38.00	4960.9	979512.57	-0.01	-197.22
859	38	22.88	-104	51.97	5231.9	979507.77	0.24	-205.54
860	38	24.89	-104	51.92	5337.9	979503.68	0.31	-206.17
861	38	25.94	-104	51.68	5461.9	979497.85	0.36	-206.08
862	38	25.75	-104	50.12	5341.9	979505.46	0.34	-205.39
863	38	50.18	-104	21.89	5986.9	979494.67	0.26	-213.60
866	38	50.29	-104	15.50	6199.8	979484.43	0.37	-211.15
867	38	52.88	-104	15.50	6287.7	979483.46	0.43	-210.62
868	38	54.68	-104	15.50	6441.9	979476.78	0.51	-210.64
869	38	57.08	-104	15.38	6743.8	979461.90	0.73	-210.78
870	38	57.08	-104	17.78	6851.7	979452.68	0.88	-213.38
871	38	57.08	-104	19.88	6545.9	979471.60	0.54	-213.10
872	38	57.25	-104	23.12	6344.8	979483.30	0.41	-213.82
873	38	59.00	-104	18.79	6955.7	979447.40	0.95	-215.20
874	38	53.78	-104	18.79	6239.8	979485.83	0.39	-212.48
875	38	57.08	-104	11.99	6584.0	979474.94	0.62	-207.41
876	38	56.99	-104	10.00	6435.7	979486.21	0.55	-204.95
877	38	57.08	-104	7.79	6297.9	979497.48	0.48	-202.12
878	38	57.08	-104	5.50	6170.9	979508.85	0.43	-198.40
879	38	54.59	-104	5.29	6161.7	979503.89	0.44	-200.24
880	38	52.88	-104	5.29	6119.7	979502.55	0.42	-201.59
881	38	50.29	-104	4.59	5970.8	979507.56	0.35	-201.74
882	38	52.09	-104	1.00	5966.8	979520.82	0.32	-197.39
883	38	52.09	-104	3.19	5950.8	979515.50	0.35	-201.11

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
885	38	56.39	-104	2.00	6021.0	979519.53	0.37	-195.74
886	38	54.79	-104	0.89	5899.9	979524.22	0.33	-195.97
887	38	53.00	-104	8.89	6279.8	979490.68	0.48	-204.00
888	38	55.58	-104	8.78	6388.8	979489.34	0.55	-202.55
889	38	59.89	-104	8.78	6426.8	979493.97	0.53	-202.02
890	38	59.89	-104	2.99	6251.0	979512.03	0.49	-194.52
891	38	59.00	-104	2.00	6180.8	979515.38	0.46	-194.08
892	38	49.49	-104	13.09	6089.9	979490.36	0.34	-210.65
893	38	47.89	-104	13.09	6035.7	979490.95	0.30	-210.96
894	38	46.00	-104	13.09	6059.7	979487.02	0.33	-210.67
895	38	44.18	-104	13.09	6071.8	979484.32	0.38	-209.92
896	38	41.78	-104	13.09	5932.7	979492.03	0.31	-207.07
897	38	39.89	-104	11.00	5847.8	979499.36	0.30	-202.05
898	38	38.00	-104	10.88	5710.0	979507.50	0.25	-199.44
899	38	35.50	-104	10.88	5554.8	979515.70	0.14	-196.93
900	38	32.89	-104	10.88	5463.9	979520.87	0.10	-193.41
901	38	29.57	-104	11.03	5313.0	979528.75	0.04	-189.73
902	38	32.99	-104	4.19	5310.7	979535.75	0.06	-187.87
903	38	32.99	-104	6.50	5352.7	979531.66	0.07	-189.44
904	38	32.99	-104	8.78	5422.9	979525.67	0.09	-191.21
905	38	47.89	-104	20.89	5850.7	979499.74	0.23	-213.33
906	38	47.89	-104	18.89	5996.7	979492.46	0.26	-211.85
907	38	47.89	-104	16.49	6183.7	979481.74	0.37	-211.27
908	38	46.00	-104	16.19	6137.8	979481.74	0.37	-211.24
909	38	44.09	-104	16.28	5965.9	979489.55	0.28	-211.00
910	38	41.59	-104	16.19	5764.8	979500.28	0.21	-208.68
911	38	41.69	-104	18.68	5782.8	979497.59	0.21	-210.44
912	38	35.50	-104	20.89	5315.9	979526.54	0.03	-200.49
913	38	35.59	-104	18.79	5352.7	979524.32	0.04	-200.63
914	38	35.39	-104	16.39	5410.7	979522.76	0.06	-198.41
915	38	35.50	-104	13.00	5618.8	979511.82	0.17	-196.96
916	38	41.69	-104	8.78	5806.7	979503.73	0.26	-202.82
917	38	41.69	-104	6.19	5727.7	979510.69	0.24	-200.61
918	38	41.69	-104	4.09	5627.9	979519.47	0.19	-197.84
919	38	41.69	-104	0.38	5502.9	979529.07	0.16	-195.75
920	38	43.19	-104	5.09	5723.7	979511.55	0.23	-202.20
921	38	48.68	-104	5.29	5967.8	979503.95	0.36	-203.15
922	38	46.88	-104	5.29	5885.8	979506.75	0.31	-202.66
923	38	45.08	-104	5.18	5747.7	979512.95	0.24	-202.14
924	38	50.39	-104	2.00	5849.7	979517.05	0.30	-197.75

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
927	38	50.39	-104	8.78	6201.8	979487.83	0.46	-207.70
928	38	50.39	-104	11.00	6334.0	979477.80	0.54	-209.74
929	38	19.44	-105	29.21	7927.0	979346.04	1.32	-199.84
930	38	17.06	-105	29.42	7621.0	979353.77	0.76	-207.51
931	38	21.12	-105	26.14	7376.0	979391.65	1.48	-189.54
932	38	20.28	-105	24.56	6984.0	979410.74	1.64	-192.53
933	38	22.16	-105	26.34	7492.0	979382.49	1.91	-192.85
934	38	22.07	-105	23.66	7901.9	979347.17	3.18	-202.21
935	38	22.73	-105	24.76	8096.8	979335.01	2.84	-204.00
936	38	25.45	-105	20.15	6007.9	979447.74	2.00	-221.12
937	38	24.05	-105	17.47	6168.0	979432.59	3.24	-223.45
938	38	25.03	-105	15.59	5617.8	979459.24	2.20	-232.13
939	38	18.98	-104	46.91	5025.9	979517.95	0.10	-202.09
940	38	19.00	-104	45.26	5072.0	979516.18	0.06	-201.18
941	38	16.96	-104	46.85	4941.9	979520.43	0.13	-201.64
942	38	21.98	-104	46.93	5200.8	979511.39	0.13	-202.57
943	38	23.06	-104	46.39	5296.9	979507.85	0.14	-201.94
944	38	22.57	-104	48.52	5280.8	979507.20	0.16	-202.81
945	38	23.17	-104	43.00	5173.9	979516.84	0.07	-200.53
946	38	24.17	-104	39.59	5075.8	979524.64	0.01	-200.13
947	38	24.65	-104	41.68	5102.7	979522.71	0.08	-201.08
948	38	25.93	-104	42.46	5267.7	979514.48	0.12	-201.28
949	38	26.95	-104	41.41	5314.9	979513.08	0.10	-201.38
950	38	27.65	-104	41.96	5294.9	979514.59	0.14	-202.05
951	38	27.68	-104	43.03	5372.7	979509.54	0.21	-202.43
952	38	29.20	-105	45.92	9775.9	979187.64	4.80	-258.20
953	38	23.21	-105	8.12	5282.8	979482.05	1.23	-227.72
954	38	23.78	-105	9.77	5385.2	979472.86	1.58	-231.27
955	38	22.66	-105	12.23	5699.1	979448.87	1.83	-234.59
956	38	25.04	-105	11.38	5324.8	979476.42	1.52	-233.23
957	38	25.06	-105	13.04	5425.8	979468.72	1.67	-234.77
958	38	26.15	-105	10.69	5278.9	979483.48	1.50	-230.56
959	38	26.89	-105	9.32	5432.7	979478.22	1.18	-228.03
960	38	27.68	-105	7.52	5467.8	979480.19	1.34	-224.90
961	38	27.67	-105	12.47	5377.0	979480.50	1.61	-229.80
962	38	29.69	-105	12.41	5508.8	979477.74	2.29	-226.96
963	38	29.41	-105	14.39	5602.0	979470.36	1.85	-228.50
964	38	27.59	-105	14.27	5404.8	979477.83	2.02	-230.24
965	38	26.60	-105	15.03	5303.8	979481.69	1.73	-231.29
966	38	22.04	-105	9.11	5487.8	979466.00	1.37	-222.60

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
968	38	18.86	-105	11.83	6307.7	979407.23	2.87	-233.21
969	38	17.77	-105	12.11	6770.0	979378.72	4.55	-230.78
970	38	19.34	-105	8.99	5742.8	979448.17	2.00	-227.64
971	38	17.65	-105	9.20	6134.8	979419.88	2.57	-229.43
972	38	16.34	-105	10.93	6752.9	979380.49	6.63	-225.85
973	38	16.57	-105	8.87	6424.9	979401.53	3.11	-228.30
974	38	18.23	-105	8.29	5865.1	979439.80	2.18	-226.89
975	38	21.10	-105	12.01	5743.8	979444.80	2.88	-232.61
976	38	22.01	-105	13.73	6026.9	979433.54	2.86	-229.33
977	38	20.66	-105	14.09	6263.8	979418.85	5.65	-224.00
978	38	19.84	-105	14.06	6912.7	979382.38	5.35	-220.80
980	38	22.64	-105	13.88	6018.7	979432.79	2.65	-230.71
981	38	24.23	-105	14.30	5591.9	979455.79	2.17	-236.05
982	38	29.74	-105	18.32	6406.8	979427.25	1.47	-224.63
C1	38	45.03	-105	8.87	10307.6	979212.86	4.82	-224.32
C2	38	44.89	-105	8.89	10360.8	979208.28	5.07	-225.25
C3	38	44.86	-105	8.76	10436.0	979203.70	5.35	-224.98
C4	38	44.65	-105	8.69	10457.4	979201.87	5.51	-225.00
C5	38	44.60	-105	8.56	10497.4	979199.44	5.67	-224.86
C6	38	44.28	-105	8.52	10499.1	979197.55	6.12	-225.73
C7	38	44.11	-105	8.66	10470.5	979199.90	5.82	-225.10
C8	38	44.00	-105	8.48	10486.1	979199.45	6.20	-224.11
C9	38	43.88	-105	8.36	10484.7	979199.67	6.16	-223.84
C10	38	43.70	-105	8.29	10414.5	979204.69	5.63	-223.30
C11	38	43.50	-105	8.22	10282.8	979213.91	5.24	-222.08
C12	38	43.32	-105	8.07	10162.2	979222.20	4.88	-221.13
C13	38	43.18	-105	7.93	10093.3	979226.85	4.84	-220.45
C14	38	43.06	-105	8.03	10047.3	979229.87	4.56	-220.30
C15	38	42.94	-105	8.11	9967.8	979234.89	4.49	-219.94
C16	38	42.89	-105	8.02	9845.4	979243.68	4.10	-218.82
C17	38	42.80	-105	8.08	9796.3	979247.98	4.14	-217.29
C18	38	42.67	-105	8.23	9710.7	979253.43	3.96	-216.97
C19	38	42.56	-105	8.16	9690.0	979254.77	3.88	-216.78
C20	38	42.88	-105	8.23	9943.4	979236.98	4.68	-219.03
C21	38	42.86	-105	8.40	9920.7	979238.88	4.93	-218.22
C22	38	42.85	-105	8.56	9903.9	979239.08	5.02	-218.93
C23	38	42.75	-105	8.63	9887.0	979240.75	5.40	-211.65
C24	38	42.67	-105	8.78	9870.3	979241.77	4.90	-213.04
C25	38	42.60	-105	8.66	9851.8	979242.53	5.11	-213.23
C26	38	42.73	-105	9.06	9834.4	979243.35	4.75	-213.72

## PRINCIPAL FACTS

Area: Puerto 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
C28	38	43.02	-105	9.04	9772.3	979246.56	4.35	-220.26
C29	38	43.13	-105	8.92	9744.3	979247.58	4.23	-221.21
C30	38	43.47	-105	8.83	9732.8	979246.99	4.35	-222.80
C31	38	43.73	-105	7.32	10212.3	979219.38	4.85	-221.57
C32	38	43.68	-105	7.46	10222.1	979218.39	4.75	-222.00
C33	38	43.66	-105	7.59	10245.9	979216.76	4.93	-222.03
C34	38	43.82	-105	7.78	10283.9	979214.10	5.08	-222.46
C35	38	43.74	-105	7.95	10278.9	979214.73	5.33	-221.76
C36	38	43.58	-105	8.17	10310.1	979212.33	5.21	-222.17
C37	38	43.45	-105	8.27	10247.9	979215.88	5.22	-222.15
C38	38	43.47	-105	8.43	10154.1	979221.40	5.24	-222.28
C39	38	43.56	-105	8.52	10078.5	979225.70	5.18	-222.71
C40	38	43.59	-105	8.67	10035.9	979228.35	4.80	-223.04
C41	38	43.48	-105	8.73	9999.6	979230.54	5.09	-222.58
C42	38	43.42	-105	8.88	9918.3	979235.55	4.39	-223.06
C43	38	43.37	-105	8.99	9831.2	979241.20	4.07	-222.88
C44	38	43.29	-105	8.94	9732.6	979248.12	3.98	-221.86
C45	38	44.85	-105	8.98	10389.5	979204.69	5.22	-226.91
C46	38	44.74	-105	9.11	10325.8	979207.21	5.20	-228.07
C47	38	44.70	-105	9.20	10273.8	979211.22	5.07	-227.25
C48	38	44.71	-105	9.34	10215.9	979216.06	4.75	-226.22
C49	38	44.67	-105	9.44	10158.3	979220.51	4.49	-225.43
C50	38	44.60	-105	9.48	10129.5	979223.14	4.44	-224.48
C51	38	44.55	-105	9.57	10089.5	979225.73	4.43	-224.22
C52	38	44.54	-105	9.72	10036.8	979229.01	4.31	-224.22
C53	38	44.45	-105	9.85	9979.8	979232.60	4.21	-224.01
C54	38	44.52	-105	9.86	9909.7	979237.98	4.00	-223.09
C55	38	44.64	-105	9.75	9848.3	979241.86	3.71	-223.43
C56	38	44.73	-105	9.74	9811.9	979245.08	3.89	-222.35
C57	38	44.74	-105	9.88	9701.6	979253.69	3.48	-220.78
C58	38	44.84	-105	10.04	9635.6	979260.08	3.27	-218.71
C59	38	44.88	-105	10.21	9646.7	979266.42	3.23	-211.80
C60	38	44.82	-105	10.35	9506.0	979269.32	3.03	-217.45
C61	38	44.81	-105	10.50	9508.0	979270.51	3.28	-215.88
C62	38	45.30	-105	9.00	10303.5	979213.95	4.91	-223.78
C63	38	45.39	-105	9.12	10246.3	979218.18	4.78	-223.25
C64	38	45.30	-105	9.27	10124.5	979225.61	4.48	-223.30
C65	38	45.19	-105	9.45	10054.6	979229.84	4.37	-222.19
C66	38	45.24	-105	9.65	9977.1	979235.27	3.93	-222.95
C67	38	44.67	-105	9.05	10292.9	979209.62	5.03	-227.76

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
C69	38	44.53	-105	9.17	10181.2	979217.19	4.62	-227.04
C70	38	44.47	-105	9.22	10099.2	979222.61	4.45	-226.63
C71	38	44.46	-105	9.38	10025.6	979228.69	4.22	-225.18
C72	38	44.52	-105	9.44	10110.0	979224.03	4.39	-224.69
C73	38	43.60	-105	7.26	10091.5	979227.00	4.33	-221.54
C74	38	43.38	-105	7.46	9981.1	979234.42	4.09	-220.66
C75	38	43.18	-105	7.54	9917.1	979239.64	3.99	-219.09
C76	38	42.99	-105	7.80	9792.1	979246.81	3.86	-219.25
C77	38	42.69	-105	7.91	9709.1	979253.43	3.67	-217.38
C78	38	42.63	-105	8.04	9708.4	979253.63	3.82	-216.96
C79	38	43.96	-105	8.72	10382.6	979206.19	5.72	-224.01
C80	38	43.84	-105	8.87	10357.3	979207.37	5.47	-224.42
C81	38	43.76	-105	8.98	10380.3	979204.06	5.81	-225.89
C82	38	43.68	-105	9.01	10393.6	979202.53	5.77	-226.55
A82	38	45.20	-105	8.72	10265.0	979215.70	4.65	-224.45
A83	38	45.00	-105	8.43	10213.0	979221.31	4.53	-221.79
A84	38	44.82	-105	8.24	10177.0	979225.54	4.34	-219.65
A85	38	44.81	-105	7.88	10078.0	979232.78	4.13	-218.55
A86	38	44.70	-105	7.77	10084.0	979232.15	4.09	-218.70
A87	38	44.46	-105	7.59	10138.0	979226.56	4.33	-220.45
A88	38	44.28	-105	7.39	10166.0	979223.45	4.51	-221.43
A89	38	44.12	-105	7.23	10190.0	979220.95	4.55	-222.22
A90	38	44.49	-105	7.00	9892.0	979240.65	3.81	-221.69
A91	38	44.47	-105	6.67	9772.0	979249.63	3.65	-220.04
A92	38	44.48	-105	6.38	9700.0	979254.39	3.60	-219.67
A93	38	44.49	-105	5.92	9619.0	979258.62	3.64	-220.28
A94	38	44.57	-105	7.30	9903.0	979240.69	3.74	-221.18
A95	38	44.85	-105	7.39	9937.0	979240.39	3.76	-219.83
A96	38	44.93	-105	7.68	9967.0	979239.11	3.77	-219.42
A97	38	45.03	-105	7.97	10013.0	979236.48	3.85	-219.35
A98	38	44.97	-105	8.15	10050.0	979233.43	3.94	-220.01
A99	38	45.43	-105	8.66	10229.0	979219.09	4.41	-223.80
A100	38	45.61	-105	8.50	10191.0	979221.07	4.29	-224.44
A101	38	45.73	-105	8.57	10192.0	979221.98	4.35	-223.63
A102	38	45.76	-105	8.08	10165.0	979225.52	4.15	-221.96
A103	38	45.96	-105	7.72	10028.0	979234.84	3.86	-221.45
A104	38	45.56	-105	9.17	10469.0	979206.98	5.26	-222.44
A105	38	45.45	-105	9.46	10309.0	979214.51	4.90	-223.32
A106	38	45.73	-105	9.56	10201.0	979223.20	4.53	-221.70
A107	38	45.92	-105	9.15	10253.0	979220.98	4.55	-222.21

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
A109	38	45.50	-105	9.68	10111.0	979228.77	4.29	-221.43
A110	38	45.05	-105	7.30	9912.0	979241.58	3.84	-220.36
A111	38	45.27	-105	10.00	9744.0	979253.16	3.40	-219.62
A112	38	45.08	-105	10.34	9619.0	979263.43	3.20	-216.78
A113	38	44.69	-105	10.67	9425.0	979275.23	2.97	-216.27
A114	38	44.46	-105	10.53	9411.0	979273.64	3.01	-218.32
A115	38	44.60	-105	10.32	9421.0	979271.20	3.04	-220.34
A116	38	43.88	-105	10.40	9437.0	979270.66	3.25	-218.65
A117	38	43.74	-105	10.19	9446.0	979269.56	3.20	-219.05
A118	38	43.51	-105	10.06	9506.0	979264.79	3.34	-219.75
A119	38	43.28	-105	9.82	9546.0	979261.92	3.41	-219.81
A120	38	43.36	-105	9.46	9584.0	979256.73	3.38	-222.86
A121	38	43.12	-105	9.32	9630.0	979257.09	3.54	-219.23
A122	38	42.50	-105	7.76	9695.0	979253.74	3.72	-217.59
A123	38	42.07	-105	6.93	9880.0	979244.33	4.19	-214.80
A124	38	42.04	-105	6.46	10018.0	979236.39	4.65	-213.94
A125	38	41.97	-105	7.72	9713.0	979253.78	3.84	-215.57
A126	38	41.62	-105	7.75	9701.0	979254.14	3.94	-215.31
A127	38	42.99	-105	8.62	9686.0	979254.76	3.61	-217.94
A128	38	42.58	-105	9.12	9573.0	979261.25	3.54	-217.70
A129	38	42.38	-105	9.23	9510.0	979265.39	3.50	-217.08
A130	38	42.24	-105	9.48	9417.0	979270.83	3.39	-217.13
A131	38	43.72	-105	10.50	9183.0	979286.72	3.09	-217.75
A132	38	43.47	-105	10.51	9096.0	979292.40	2.92	-217.10
A133	38	43.24	-105	10.60	8980.0	979298.08	2.94	-218.02
A134	38	43.04	-105	10.80	8903.0	979302.79	3.25	-217.32
A135	38	44.79	-105	11.03	9547.0	979269.31	3.19	-214.80
A136	38	44.90	-105	11.37	9627.0	979264.70	3.41	-214.55
A137	38	45.13	-105	11.58	9602.0	979266.93	3.33	-214.24
A138	38	45.32	-105	11.84	9499.0	979274.81	3.00	-213.07
A139	38	44.97	-105	10.81	9532.0	979270.28	3.17	-215.01
A140	38	45.22	-105	10.89	9612.0	979265.75	3.24	-215.04
A141	38	45.49	-105	10.94	9733.0	979257.89	3.54	-215.74
A142	38	45.75	-105	10.94	9876.0	979249.06	3.74	-216.17
A143	38	45.88	-105	9.81	10199.0	979222.23	4.57	-222.96
A144	38	45.86	-105	10.11	10205.0	979222.01	4.71	-222.66
A145	38	44.31	-105	9.68	9961.0	979231.72	4.00	-225.63
A146	38	44.16	-105	9.59	9996.0	979229.09	4.75	-225.52
A147	38	44.18	-105	9.88	9709.0	979249.94	3.70	-223.04
A148	38	44.09	-105	10.03	9662.0	979254.66	3.99	-223.17



## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
A150	38	44.45	-105	10.29	9532.0	979264.84	3.28	-219.58
A151	38	44.69	-105	10.42	9493.0	979269.60	3.07	-217.72
A152	38	44.04	-105	9.73	9684.0	979251.84	4.35	-221.78
A153	38	43.97	-105	9.49	9670.0	979252.10	3.80	-222.81
A154	38	43.83	-105	9.05	10272.0	979211.97	5.34	-225.06
A155	38	43.83	-105	9.22	10099.0	979223.55	4.71	-224.50
A156	38	43.69	-105	9.32	9983.0	979230.32	4.44	-224.75
A157	38	43.61	-105	9.49	9772.0	979244.41	3.75	-223.90
A158	38	43.49	-105	9.60	9863.0	979237.91	4.20	-224.31
A159	38	43.76	-105	9.50	9672.0	979250.77	3.63	-223.86
A160	38	44.08	-105	9.27	9729.0	979245.40	3.63	-226.30
A161	38	44.22	-105	9.11	9893.0	979235.57	3.98	-226.14
A162	38	44.32	-105	9.35	10061.0	979226.04	4.47	-225.25
A163	38	44.17	-105	9.39	10030.0	979227.01	4.65	-225.74
A164	38	44.44	-105	9.58	10249.0	979214.27	5.11	-225.26
A165	38	44.61	-105	8.77	10432.0	979202.78	5.66	-225.47
A166	38	44.87	-105	8.61	10238.0	979216.04	4.71	-225.19
A167	38	43.27	-105	7.74	9885.0	979240.16	4.16	-220.43
A168	38	43.50	-105	7.73	9994.0	979233.12	4.25	-221.21
A169	38	43.63	-105	7.79	10105.0	979225.85	4.57	-221.66
A170	38	44.03	-105	7.84	10468.0	979201.83	5.74	-223.32
A171	38	44.02	-105	7.42	10495.0	979198.51	6.09	-224.66
A172	38	44.33	-105	7.98	10508.0	979200.27	5.82	-222.84
A173	38	44.18	-105	8.08	10614.0	979191.94	6.29	-224.12
A174	38	44.08	-105	8.32	10778.0	979179.45	7.30	-225.60
A175	38	44.26	-105	8.47	10688.0	979184.59	6.82	-226.61
A176	38	44.51	-105	8.32	10360.0	979210.63	5.16	-222.29
A177	38	44.73	-105	8.07	10154.0	979226.22	4.31	-220.25
A178	38	44.68	-105	6.73	10025.0	979236.06	4.10	-218.29
A179	38	45.00	-105	6.56	10125.0	979230.47	4.21	-218.24
A180	38	45.28	-105	6.64	10013.0	979236.15	4.14	-219.76
A181	38	45.47	-105	6.86	9922.0	979241.71	3.98	-220.10
A182	38	45.74	-105	6.77	9874.0	979244.64	3.83	-220.60
A183	38	44.89	-105	9.57	9889.0	979241.03	3.74	-222.15
A184	38	43.62	-105	6.89	10228.0	979219.22	4.77	-220.71
A185	38	43.50	-105	6.64	10269.0	979218.31	4.94	-218.81
A186	38	43.37	-105	6.43	10153.0	979226.66	4.66	-217.51
A187	38	43.26	-105	6.14	9992.0	979236.96	4.24	-217.17
A188	38	43.10	-105	5.92	9729.0	979253.15	3.69	-217.05
A189	38	43.09	-105	5.66	9575.0	979262.42	3.53	-217.17

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
A191	38	43.14	-105	5.06	9482.0	979268.91	3.53	-216.33
A192	38	44.09	-105	6.76	10009.0	979232.63	4.04	-221.87
A193	38	44.06	-105	6.45	10003.0	979235.93	4.08	-218.85
A194	38	44.07	-105	6.22	10026.0	979235.88	4.18	-217.43
A195	38	44.04	-105	5.79	9731.0	979253.78	3.74	-217.63
A196	38	44.04	-105	5.45	9579.0	979263.01	3.77	-217.50
A197	38	42.26	-105	6.31	10187.0	979225.47	5.19	-214.50
A198	38	42.48	-105	6.32	10259.0	979220.98	5.38	-214.80
A199	38	42.60	-105	5.90	10163.0	979226.63	4.95	-215.52
A200	38	42.52	-105	5.63	9985.0	979238.43	4.06	-214.76
A201	38	42.36	-105	5.33	9975.0	979238.52	4.45	-215.06
A202	38	42.86	-105	8.80	10364.0	979205.00	6.06	-224.36
A203	38	43.33	-105	8.33	10214.0	979216.82	5.29	-223.01
A204	38	43.23	-105	8.54	10170.0	979218.38	5.16	-224.07
A205	38	43.00	-105	8.69	10108.0	979224.01	4.91	-222.06
A206	38	43.03	-105	8.34	10114.0	979223.77	4.90	-222.00
A207	38	43.22	-105	8.29	10356.0	979207.78	5.60	-223.05
A208	38	43.12	-105	8.40	10360.0	979206.53	5.72	-223.79
A209	38	42.38	-105	8.42	9558.0	979262.65	3.50	-216.95
A210	38	42.09	-105	8.27	9396.0	979271.43	3.28	-217.66
A211	38	42.11	-105	8.61	9343.0	979274.16	3.28	-218.15
A212	38	42.11	-105	8.86	9318.0	979275.82	3.23	-218.05
A213	38	43.09	-105	9.81	9471.0	979266.11	3.37	-219.88
A214	38	42.99	-105	9.67	9374.0	979272.90	3.31	-218.82
A215	38	44.09	-105	8.85	10168.0	979219.62	4.82	-224.35
A216	38	44.23	-105	8.79	10173.0	979218.45	4.79	-225.66
A217	38	44.43	-105	8.86	10335.0	979207.80	5.12	-226.55
A218	38	43.67	-105	8.75	10232.0	979215.45	5.02	-224.06
A219	38	43.53	-105	9.00	10106.0	979222.39	4.85	-224.65
A220	38	43.52	-105	9.27	9907.0	979235.30	4.28	-224.16
A221	38	43.47	-105	9.44	9747.0	979246.43	3.79	-223.13
A222	38	43.59	-105	10.24	9230.0	979282.48	3.23	-218.84
A223	38	45.66	-105	10.11	10144.0	979228.62	4.53	-219.63
A224	38	45.87	-105	10.40	10225.0	979222.63	4.77	-220.59
A225	38	45.58	-105	10.38	9911.0	979244.54	3.76	-218.32
A226	38	45.41	-105	10.45	9858.0	979247.48	3.72	-218.34
A227	38	45.51	-105	10.56	9820.0	979249.30	3.62	-219.06
A228	38	45.45	-105	10.03	9857.0	979246.51	3.59	-219.76
A229	38	45.92	-105	9.54	9960.0	979237.49	3.77	-222.67
A230	38	46.04	-105	9.66	10002.0	979235.60	3.91	-222.32

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
A232	38	44.77	-105	8.51	10346.0	979212.02	4.97	-222.32
A233	38	42.61	-105	9.36	9502.0	979265.58	3.43	-217.78
A234	38	42.64	-105	9.57	9442.0	979269.22	3.34	-217.88
A235	38	42.87	-105	9.49	9356.0	979274.15	3.28	-218.51
A236	38	42.81	-105	9.73	9313.0	979277.30	3.13	-218.00
A237	38	43.08	-105	7.35	10026.0	979234.23	4.34	-217.46
A238	38	45.06	-105	9.07	10406.0	979204.77	5.24	-226.12
A239	38	43.03	-105	10.02	9705.0	979252.40	3.86	-218.97
A240	38	42.89	-105	9.97	9425.0	979271.05	3.50	-217.28
A241	38	42.92	-105	10.27	9409.0	979272.44	3.29	-217.10
A242	38	43.15	-105	10.19	9378.0	979273.39	3.17	-218.47
A243	38	43.48	-105	10.14	9320.0	979278.34	3.07	-217.58
C245	38	43.56	-105	7.89	10113.0	979227.06	4.86	-219.60
C246	38	43.48	-105	7.93	10098.0	979227.87	5.11	-219.32
C247	38	43.48	-105	8.00	10182.0	979221.83	5.66	-219.77
C248	38	43.57	-105	8.04	10239.0	979217.58	6.78	-219.61
C249	38	43.84	-105	8.00	10399.0	979205.42	7.04	-222.30
C250	38	43.80	-105	8.06	10459.0	979201.22	6.53	-223.35
C251	38	45.46	-105	8.25	10435.0	979204.75	5.05	-225.18
C252	38	45.31	-105	8.48	10152.0	979223.93	4.18	-223.64
C253	38	44.54	-105	9.03	10230.0	979213.55	5.50	-226.89
C254	38	44.52	-105	8.90	10130.0	979220.28	4.47	-227.16
C255	38	44.39	-105	9.05	9964.0	979231.92	4.03	-225.73
C256	38	44.87	-105	9.30	10196.0	979217.52	6.67	-224.27
C257	38	44.99	-105	9.20	10230.0	979214.75	6.08	-225.77
C258	38	45.10	-105	9.18	10242.0	979215.21	6.48	-224.35
C259	38	42.67	-105	7.53	10081.0	979231.72	5.71	-214.70
C260	38	42.54	-105	7.41	10123.0	979229.10	5.91	-214.41
C261	38	42.40	-105	7.27	10065.0	979233.16	5.61	-213.92
C262	38	43.43	-105	10.65	9391.0	979223.11	3.18	-208.37
A	38	6.36	-105	24.30	8490.0	979280.61	2.07	-211.61
B	38	6.86	-105	23.63	8458.0	979276.73	1.61	-218.60
C	38	7.37	-105	23.50	8460.0	979279.15	1.67	-216.75
D	38	7.46	-105	23.00	8648.0	979269.24	2.92	-214.27
E	38	7.86	-105	22.99	8642.0	979270.30	4.04	-213.04
F	38	8.32	-105	29.15	7787.0	979311.15	1.53	-226.61
G	38	7.48	-105	28.56	7807.0	979307.97	1.56	-227.34
H	38	7.46	-105	29.16	7817.0	979304.60	1.68	-229.96
S1	38	8.35	-105	26.26	7987.0	979301.34	1.24	-224.78
S2	38	10.29	-105	24.64	6913.0	979315.31	1.03	-212.39

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle  
 Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
S4	38	11.26	-105	24.08	7880.0	979317.56	1.10	-219.36
S5	38	11.68	-105	24.08	7840.0	979322.82	1.12	-217.10
S6	38	11.92	-105	23.49	8014.0	979320.09	1.16	-209.71
S7	38	11.85	-105	23.03	8086.0	979317.35	1.34	-207.85
S8	38	10.94	-105	24.37	7903.0	979321.69	1.10	-213.39
S9	38	9.92	-105	25.17	7964.5	979316.01	1.06	-213.93
S10	38	9.59	-105	25.59	8001.8	979312.60	1.06	-214.62
S11	38	9.12	-105	25.88	8032.9	979305.30	1.13	-219.30
S12	38	9.87	-105	26.25	7985.0	979316.72	1.05	-211.93
S13	38	10.48	-105	26.49	8062.0	979314.56	1.60	-209.81
S14	38	9.41	-105	27.91	7880.0	979310.87	1.22	-223.23
S15	38	8.97	-105	27.62	7943.0	979303.42	1.16	-226.30
S16	38	9.25	-105	27.09	8035.0	979301.26	1.20	-223.34
S17	38	8.72	-105	27.95	7885.0	979304.53	1.23	-228.25
S18	38	9.81	-105	27.63	7902.0	979313.26	1.12	-220.21
S19	38	10.19	-105	27.65	7866.0	979320.11	1.10	-216.09
S20	38	10.59	-105	27.66	7823.0	979326.39	1.08	-212.99
S21	38	11.04	-105	27.66	7802.0	979329.92	1.08	-211.38
S22	38	11.73	-105	27.42	7755.0	979335.02	1.02	-210.16
S23	38	12.55	-105	26.86	7678.0	979340.60	0.96	-210.44
S24	38	9.30	-105	28.75	7801.0	979314.47	1.29	-224.13
S25	38	9.75	-105	28.98	7797.0	979317.26	1.27	-222.26
S26	38	10.06	-105	29.37	7759.0	979319.52	1.31	-222.69
S27	38	10.16	-105	30.00	7744.0	979318.89	1.42	-224.25
S28	38	8.75	-105	29.63	7787.0	979310.46	1.55	-227.91
S29	38	8.75	-105	29.11	7773.0	979314.18	1.45	-225.13
S30	38	8.68	-105	28.59	7811.0	979310.12	1.35	-226.92
S31	38	8.34	-105	28.08	7863.0	979306.39	1.30	-227.08
S32	38	7.85	-105	27.80	7887.0	979306.89	1.32	-224.40
S33	38	7.86	-105	28.18	7837.0	979309.58	1.40	-224.65
S34	38	7.88	-105	28.87	7804.0	979311.15	1.53	-224.95
S35	38	7.88	-105	29.15	7807.0	979309.73	1.59	-226.13
S36	38	7.89	-105	29.64	7827.0	979304.64	1.69	-229.94
S37	38	7.91	-105	30.07	7840.0	979300.47	1.80	-233.25
S38	38	7.94	-105	30.83	7877.0	979293.70	2.03	-237.61
S39	38	7.20	-105	27.67	7887.0	979306.89	1.39	-223.38
S40	38	7.00	-105	27.61	7908.0	979304.45	1.39	-224.27
S41	38	6.76	-105	27.58	7915.0	979301.95	1.42	-225.97
S42	38	6.07	-105	27.41	7921.0	979297.60	1.49	-228.84
S43	38	6.06	-105	26.47	7971.0	979296.39	1.10	-213.21

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
S45	38	6.00	-105	24.77	8230.0	979288.17	1.27	-219.91
S46	38	6.94	-105	25.82	8124.0	979295.65	1.22	-220.21
S47	38	6.93	-105	24.74	8233.0	979291.15	1.25	-218.13
S48	38	6.42	-105	24.73	8191.0	979292.33	1.30	-218.67
S49	38	5.12	-105	24.78	8254.0	979283.68	1.28	-221.66
S50	38	5.43	-105	24.56	8196.0	979289.42	1.30	-219.83
S51	38	5.17	-105	25.91	8127.0	979287.04	1.32	-225.95
S52	38	5.20	-105	27.04	7974.0	979292.97	1.51	-229.04
S53	38	5.24	-105	28.10	7914.0	979292.25	1.81	-233.11
S54	38	5.27	-105	29.23	8009.0	979281.76	2.10	-237.67
S55	38	6.15	-105	29.20	7922.0	979289.95	1.89	-236.18
S56	38	4.60	-105	24.96	7856.0	979299.07	1.62	-229.02
S57	38	7.29	-105	26.60	8011.0	979304.29	1.24	-218.83
S58	38	8.17	-105	26.10	8031.9	979299.20	1.15	-224.05
S59	38	8.16	-105	25.04	8085.7	979296.14	1.19	-223.83
S60	38	8.12	-105	25.29	8115.4	979295.07	1.17	-223.08
S61	38	8.11	-105	24.93	8149.8	979296.74	1.16	-219.32
S62	38	8.16	-105	24.38	8248.0	979294.74	1.23	-215.46
S63	38	8.19	-105	24.09	8281.0	979293.33	1.27	-214.90
S64	38	8.81	-105	24.58	8123.0	979304.14	1.15	-214.59
S65	38	9.01	-105	23.99	8174.0	979302.56	1.19	-213.36
S66	38	8.22	-105	23.70	8312.0	979292.24	1.32	-214.12
S67	38	8.36	-105	22.93	8348.0	979291.64	1.57	-212.52
S68	38	8.49	-105	22.62	8399.0	979289.71	1.64	-211.51
S69	38	8.68	-105	22.25	8474.0	979284.70	1.57	-212.37
S70	38	8.20	-105	23.90	8276.1	979293.97	1.29	-214.55
S71	38	8.20	-105	23.99	8279.4	979293.54	1.28	-214.79
S72	38	8.14	-105	24.55	8223.0	979295.86	1.20	-215.84
S73	38	8.12	-105	24.75	8196.8	979296.30	1.19	-216.96
S74	38	8.09	-105	25.12	8137.5	979294.80	1.17	-221.99
S75	38	8.14	-105	25.42	8095.6	979295.45	1.16	-223.92
S76	38	8.15	-105	25.54	8094.2	979295.56	1.15	-223.92
S77	38	8.15	-105	25.76	8068.3	979297.28	1.16	-223.75
S78	38	8.16	-105	25.95	8034.9	979299.36	1.16	-223.68
S79	38	8.16	-105	26.25	8019.2	979299.13	1.15	-224.86
S80	38	8.97	-105	25.96	8049.3	979302.17	1.17	-221.19
S81	38	9.24	-105	25.80	8026.9	979306.92	1.11	-218.23
S82	38	9.42	-105	25.70	8014.4	979309.61	1.19	-216.57
S83	38	9.71	-105	25.47	7999.6	979313.03	1.05	-214.51
S84	38	9.81	-105	25.33	7992.9	979315.52	1.06	-214.55

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
S86	38	8.17	-105	26.41	7983.9	979299.63	1.16	-226.48
S87	38	7.99	-105	26.46	8008.9	979297.96	1.18	-226.37
S88	38	7.79	-105	26.61	7980.6	979301.58	1.20	-224.14
S89	38	7.60	-105	26.61	8006.1	979303.64	1.21	-220.26
S90	38	7.38	-105	26.62	8014.4	979304.31	1.23	-218.75
S91	38	7.07	-105	26.61	8034.6	979301.23	1.25	-220.14
S92	38	6.84	-105	26.73	7999.3	979300.19	1.29	-222.93
S93	38	6.58	-105	26.92	7971.5	979298.96	1.34	-225.39
S94	38	9.88	-105	26.50	7987.7	979316.04	1.08	-212.43
S95	38	9.87	-105	26.79	7997.0	979313.50	1.19	-214.29
S96	38	9.87	-105	27.03	7992.5	979311.36	1.07	-216.82
S97	38	9.85	-105	27.27	7964.5	979310.27	1.09	-219.53
S98	38	9.78	-105	27.52	7937.4	979310.48	1.10	-220.83
S99	38	9.63	-105	27.76	7928.8	979309.61	1.14	-221.76
S100	38	9.58	-105	27.94	7878.0	979312.98	1.18	-221.52
S101	38	9.38	-105	28.24	7847.9	979312.91	1.20	-223.06
S102	38	9.32	-105	28.54	7818.3	979313.89	1.26	-223.73
S103	38	7.37	-105	24.97	8198.0	979291.16	1.22	-220.89
S104	38	7.78	-105	25.81	8081.0	979292.32	1.17	-227.39
S105	38	8.13	-105	27.24	7931.0	979301.18	1.22	-227.99
S106	38	9.92	-105	21.75	8300.0	979302.60	1.48	-206.81
S107	38	10.58	-105	21.60	8230.0	979309.94	1.59	-204.53
S108	38	10.67	-105	20.15	8459.0	979295.17	2.13	-205.16
S109	38	10.87	-105	29.84	7720.0	979323.76	1.34	-221.94
S110	38	11.42	-105	29.85	7784.0	979324.29	1.19	-218.53
S111	38	11.64	-105	29.21	7741.0	979326.19	1.12	-219.60
S112	38	11.99	-105	28.57	7682.0	979332.75	1.07	-217.14
S113	38	12.65	-105	27.91	7761.0	979332.98	0.92	-213.29
S114	38	12.63	-105	27.38	7725.0	979337.19	0.92	-211.21
S115	38	12.27	-105	29.99	7888.0	979320.65	1.12	-217.26
S116	38	13.02	-105	29.90	7905.0	979321.92	1.03	-216.16
S117	38	8.67	-105	27.48	7925.0	979303.64	1.18	-226.72
S118	38	8.42	-105	27.17	7907.0	979303.01	1.20	-228.04
S119	38	8.32	-105	26.79	7934.0	979302.09	1.21	-227.16
S120	38	8.83	-105	27.63	7921.0	979304.41	1.17	-226.03
S121	38	8.70	-105	26.89	7975.0	979302.70	1.13	-224.75
S122	38	4.95	-105	24.28	8309.0	979281.00	1.28	-220.76
S123	38	4.93	-105	23.70	8391.0	979276.70	1.43	-219.96
S124	38	5.03	-105	23.21	8408.0	979274.99	1.40	-220.87
S125	38	5.01	-105	22.60	8454.0	979276.20	1.55	-220.76

## PPINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
S127	38	7.84	-105	26.41	8014.9	979298.81	1.18	-224.94
S128	38	7.83	-105	26.22	8036.2	979298.04	1.18	-224.43
S129	38	7.82	-105	26.02	8055.6	979296.32	1.17	-224.98
S130	38	7.65	-105	25.55	8116.8	979289.94	1.18	-227.43
S131	38	7.47	-105	25.26	8152.9	979290.44	1.20	-224.49
S132	38	7.13	-105	24.82	8212.4	979292.04	1.23	-218.79
S133	38	7.36	-105	24.74	8227.3	979290.07	1.23	-220.20
S134	38	7.75	-105	25.43	8104.1	979290.73	1.18	-227.54
S135	38	7.74	-105	25.13	8148.4	979290.45	1.19	-225.14
S136	38	7.73	-105	24.70	8196.0	979291.68	1.22	-221.02
S137	38	7.72	-105	24.29	8274.7	979290.16	1.25	-217.77
S138	38	7.74	-105	23.89	8356.9	979286.36	1.29	-216.64
S139	38	7.71	-105	23.56	8420.0	979283.56	1.05	-215.45
S140	38	7.54	-105	23.89	8365.3	979284.39	1.30	-217.80
S141	38	7.89	-105	24.11	8296.4	979289.95	1.26	-216.92
S142	38	8.56	-105	25.80	8107.0	979297.60	1.30	-221.57
S143	38	8.50	-105	26.03	8025.1	979301.66	1.12	-222.51
S144	38	8.35	-105	25.88	8018.5	979301.60	1.14	-222.72
S145	38	8.63	-105	25.61	8285.8	979285.95	1.97	-221.93
S146	38	8.26	-105	25.99	8039.4	979298.87	1.14	-224.07
S147	38	8.23	-105	25.79	8060.0	979297.94	1.14	-223.72
S148	38	8.31	-105	25.46	8136.9	979295.48	1.14	-221.69
S149	38	8.34	-105	25.17	8113.3	979298.29	1.15	-220.33
S150	38	8.46	-105	24.94	8157.7	979299.52	1.15	-216.61
S151	38	8.56	-105	25.30	8281.3	979290.86	1.41	-217.75
S152	38	9.59	-105	28.09	7865.7	979313.71	1.15	-221.58
S153	38	9.87	-105	28.13	7884.0	979314.86	1.12	-219.77
S154	38	9.69	-105	28.41	7844.3	979315.53	1.18	-221.16
S155	38	9.98	-105	26.84	7959.0	979316.89	1.02	-213.51
S156	38	9.98	-105	26.94	7992.5	979313.90	1.03	-214.48
S157	38	10.18	-105	26.97	7907.3	979321.25	1.02	-212.54
S158	38	10.11	-105	26.18	7932.4	979317.77	1.01	-214.42
S159	38	9.98	-105	27.21	7946.4	979314.40	1.04	-216.73
S160	38	9.73	-105	27.14	8002.1	979307.48	1.05	-219.93
S161	38	9.40	-105	27.47	8078.7	979299.15	1.59	-222.66
S162	38	9.56	-105	27.51	7997.1	979304.76	1.06	-222.68
S163	38	10.14	-105	26.43	7974.9	979318.37	1.01	-211.32
S164	38	9.69	-105	28.14	8020.6	979311.41	1.04	-214.45
S165	38	9.28	-105	26.08	8046.1	979303.51	1.07	-220.60
S166	38	9.37	-105	26.48	8103.2	979297.07	1.10	-220.16

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
S168	38	6.92	-105	25.03	8208.4	979292.40	1.23	-218.36
S169	38	6.86	-105	24.18	8346.5	979284.48	1.28	-217.86
S170	38	6.78	-105	23.86	8401.2	979280.36	1.32	-218.55
S171	38	7.84	-105	28.47	7807.0	979311.85	1.47	-224.07
S172	38	8.26	-105	28.61	7787.7	979312.38	1.44	-225.34
S173	38	8.28	-105	28.32	7832.4	979308.33	1.35	-226.84
S174	38	8.14	-105	28.27	7832.0	979309.06	1.37	-225.90
S175	38	8.49	-105	28.36	7835.8	979307.47	1.33	-227.82
S176	38	8.19	-105	28.10	7848.2	979307.82	1.33	-226.29
S177	38	7.18	-105	27.96	7850.4	979307.26	1.40	-225.11
S178	38	6.75	-105	27.82	7893.6	979301.98	1.47	-227.15
S179	38	7.95	-105	31.36	7927.0	979288.95	2.23	-230.18
S180	38	7.96	-105	31.92	7995.0	979283.51	2.48	-240.31
S181	38	7.97	-105	32.48	8093.0	979276.51	2.70	-241.18
S182	38	7.97	-105	33.02	8207.0	979268.24	3.10	-242.21
S183	38	7.98	-105	33.58	8353.0	979257.45	3.66	-243.70
S184	38	8.00	-105	34.20	8539.0	979244.96	4.31	-244.48
S185	38	7.94	-105	34.63	8664.0	979235.94	5.24	-244.99
S186	38	7.37	-105	35.31	9164.0	979201.94	7.96	-245.43
S187	38	7.41	-105	35.89	9707.0	979171.61	8.58	-242.64
S188	38	6.43	-105	36.07	10076.0	979152.75	9.09	-237.40
S189	38	5.91	-105	36.63	10561.0	979122.95	12.16	-234.25
S190	38	5.80	-105	37.30	11062.0	979092.24	14.16	-232.70
S191	38	8.04	-105	27.78	7885.0	979306.74	1.30	-224.97
S192	38	8.67	-105	25.79	8124.0	979296.64	1.38	-221.59
S193	38	8.72	-105	25.46	8709.0	979255.54	9.26	-219.82
S194	38	9.31	-105	26.58	8241.0	979290.12	1.85	-221.57
S195	38	9.48	-105	26.78	8328.0	979285.52	3.56	-219.49
S196	38	9.69	-105	26.85	8197.0	979296.90	2.01	-217.82
S197	38	9.89	-105	28.50	8058.0	979302.75	2.11	-220.49
S198	38	9.39	-105	27.28	8209.0	979289.92	2.12	-223.53
S199	38	9.55	-105	27.39	7980.0	979303.45	1.29	-224.79
S200	38	8.98	-105	25.03	8090.0	979306.62	1.11	-214.38
S201	38	9.08	-105	25.52	8090.0	979305.93	1.09	-215.23
S202	38	9.22	-105	24.71	8050.0	979311.23	1.12	-212.50
S203	38	9.40	-105	25.27	8035.0	979311.01	1.08	-213.93
S204	38	8.99	-105	26.00	7824.0	979310.96	1.29	-225.81
S205	38	9.05	-105	26.25	7858.0	979309.74	1.25	-225.14
S206	38	9.08	-105	27.95	7905.0	979307.37	1.17	-224.80
S1	38	15.50	-105	30.97	7619.0	979305.11	2.57	-227.71



## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle  
 Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G P A V I T Y		
	deg	min	deg	min		observed	tc	cha
R3	38	15.94	-105	39.98	8341.0	979254.95	4.88	-257.42
R4	38	15.88	-105	41.37	9409.0	979185.87	8.13	-259.12
R5	38	15.24	-105	42.79	10400.0	979133.08	11.89	-247.73
R6	38	14.46	-105	43.90	11280.0	979077.65	13.46	-247.58
R7	38	7.21	-105	22.69	8934.0	979246.82	4.23	-217.86
R8	38	6.90	-105	22.52	9116.0	979234.60	5.59	-217.35
R9	38	7.88	-105	20.27	8907.0	979257.66	2.85	-211.00
R10	38	8.22	-105	20.49	8799.0	979266.92	2.35	-209.21
R11	38	7.69	-105	20.28	9121.0	979242.69	3.20	-212.51
R12	38	7.67	-105	19.97	9210.0	979235.05	3.35	-214.63
R13	38	7.93	-105	19.95	9510.0	979211.71	9.72	-213.98
R14	38	7.46	-105	19.33	9149.0	979242.43	2.36	-211.62
R15	38	7.70	-105	17.82	9129.0	979248.37	2.71	-206.85
R16	38	7.69	-105	16.99	9162.0	979247.98	3.33	-204.62
R17	38	6.91	-105	18.30	9281.0	979236.88	2.83	-207.94
R18	38	7.12	-105	19.29	9111.0	979245.48	2.21	-210.47
R19	38	6.82	-105	19.16	9282.0	979235.94	2.45	-209.08
R20	38	7.30	-105	19.75	9250.0	979234.81	2.56	-212.71
R21	38	7.28	-105	21.38	9667.0	979202.94	8.60	-213.50
R22	38	7.37	-105	20.67	9390.0	979224.13	3.71	-213.95
R23	38	7.03	-105	20.86	9433.0	979220.57	3.69	-214.45
R24	38	6.84	-105	20.69	9680.0	979199.72	8.62	-215.28
R25	38	6.82	-105	20.28	9261.0	979232.45	2.90	-213.37
R26	38	6.72	-105	20.00	9250.0	979233.87	2.87	-212.50
R27	38	6.79	-105	19.66	9330.0	979229.45	3.12	-211.97
R28	38	6.25	-105	19.39	9576.0	979208.56	8.52	-211.91
R29	38	6.31	-105	20.67	9484.0	979211.52	7.96	-215.12
R30	38	6.53	-105	20.71	9150.0	979237.38	2.84	-214.74
R31	38	6.82	-105	21.37	9094.0	979241.00	3.19	-214.55
R32	38	6.10	-105	20.15	9017.0	979245.15	2.91	-214.25
R33	38	5.87	-105	20.18	8818.0	979257.35	2.21	-214.34
R34	38	5.52	-105	20.94	8660.0	979263.38	2.07	-217.42
R35	38	5.62	-105	21.46	8775.0	979258.29	2.28	-215.55
R36	38	6.18	-105	19.60	9009.0	979248.28	2.62	-212.54
R37	38	6.07	-105	19.40	9090.0	979243.63	2.60	-211.65
R38	38	6.56	-105	18.85	9235.0	979239.02	2.61	-208.30
R39	38	5.98	-105	21.77	8863.0	979251.39	2.24	-217.74
R40	38	6.39	-105	21.66	9190.0	979229.19	4.81	-212.36
R41	38	6.99	-105	21.95	9370.0	979219.15	6.44	-216.70
R42	38	6.65	-105	21.91	9250.0	979228.59	4.57	-211.37

## PRINCIPAL FACTS

Area: Puerto 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G P A V I T Y		
	deg	min	deg	min		observed	tc	cha
R44	38	5.95	-105	21.35	8900.0	979250.91	2.26	-215.93
R45	38	4.50	-105	21.14	8495.0	979269.73	2.05	-219.48
R46	38	4.21	-105	21.45	8438.0	979274.65	1.55	-219.06
R47	38	4.31	-105	21.97	8450.0	979274.91	1.44	-217.33
R48	38	4.49	-105	22.40	8429.0	979274.83	1.50	-218.88
R49	38	3.88	-105	21.35	8483.0	979275.27	1.48	-214.33
R50	38	4.24	-105	18.67	8842.0	979254.48	2.43	-213.17
R51	38	3.98	-105	19.53	8691.0	979259.02	1.86	-217.87
R52	38	4.27	-105	19.76	8634.0	979262.89	1.85	-217.86
R53	38	4.70	-105	19.67	8746.0	979259.59	1.99	-214.23
R54	38	5.58	-105	20.36	8810.0	979255.49	2.00	-216.47
R55	38	5.00	-105	21.35	8913.0	979243.58	4.81	-218.55
R56	38	4.93	-105	21.89	8785.0	979250.55	3.10	-220.86
R57	38	7.53	-105	20.20	9080.0	979244.75	2.48	-213.39
R58	38	6.98	-105	23.03	8650.0	979263.21	2.22	-220.17
R59	38	6.86	-105	22.76	9075.0	979232.76	7.31	-219.87
R60	38	7.15	-105	22.22	9270.0	979226.30	5.89	-216.48
R61	38	5.40	-105	20.08	9230.0	979226.68	6.29	-215.54
R62	38	5.60	-105	19.84	9104.0	979240.39	2.73	-213.24
R63	38	5.70	-105	19.39	9321.0	979225.46	5.75	-212.27
R64	38	3.78	-105	18.95	8974.0	979241.93	3.74	-215.82
R65	38	5.89	-105	22.11	8825.0	979249.66	2.65	-221.20
R66	38	5.64	-105	22.22	8779.0	979252.06	2.41	-221.44
R67	38	5.23	-105	21.97	8530.0	979269.48	1.74	-219.01
R68	38	5.21	-105	20.75	8870.0	979249.35	2.73	-217.74
R69	38	4.72	-105	20.78	8790.0	979252.57	2.26	-219.07
R70	38	6.41	-105	17.50	9885.0	979199.39	6.02	-205.27
R71	38	5.61	-105	18.28	9435.0	979225.00	4.49	-207.02
R72	38	8.52	-105	21.39	8631.0	979275.82	1.97	-211.21
R73	38	7.85	-105	21.09	9318.0	979225.28	7.68	-213.85
R74	38	7.68	-105	22.14	9375.0	979221.34	8.87	-212.93
R75	38	7.99	-105	21.90	9117.0	979238.76	6.79	-213.53
R76	38	8.21	-105	22.08	8895.0	979255.84	4.65	-212.22
R77	38	8.83	-105	22.07	8510.0	979282.88	1.73	-212.09
R78	38	6.12	-105	23.71	8476.0	979273.88	1.78	-219.12
R79	38	6.16	-105	23.44	8490.0	979270.98	1.75	-221.26
R80	38	7.17	-105	24.21	8305.0	979288.03	1.32	-217.22
R81	38	4.20	-105	23.10	8305.0	979281.18	1.65	-219.39
R82	38	3.48	-105	22.82	8370.0	979278.94	1.31	-217.02
R83	38	3.42	-105	21.42	8757.0	979257.93	3.09	-211.11

## PRINCIPAL FACTS

Area: Puculo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
R85	38	4.42	-105	17.40	9370.0	979227.33	3.03	-208.31
W03	38	0.32	-105	26.12	8263.0	979264.37	1.88	-232.81
W04	38	0.53	-105	28.30	8530.0	979240.29	3.37	-239.70
W05	38	26.00	-105	49.35	6670.0	979364.94	4.33	-262.84
W06	38	29.40	-105	48.50	7866.0	979296.94	3.89	-264.64
W10	38	16.23	-105	32.60	7928.0	979341.42	1.14	-199.87
W11	38	16.74	-105	31.72	7787.0	979338.96	0.99	-211.68
W12	38	17.55	-105	31.12	7784.0	979340.53	0.81	-211.66
W14	38	16.18	-105	27.68	7576.0	979354.20	0.77	-208.48
W15	38	16.16	-105	25.40	7523.0	979359.52	0.91	-206.16
W16	38	17.00	-105	24.35	7529.0	979361.94	0.82	-204.71
W17	38	15.24	-105	24.60	7673.0	979345.41	0.81	-210.04
W19	38	3.55	-105	30.38	8434.0	979247.43	3.60	-242.51
W21	38	3.52	-105	28.19	8043.0	979279.36	2.21	-235.36
W22	38	3.47	-105	26.04	7984.0	979289.91	1.60	-228.86
W23	38	3.45	-105	25.42	8012.0	979290.79	1.50	-226.39
W24	38	3.43	-105	24.74	8068.0	979290.03	1.46	-223.80
W26	38	2.00	-105	23.65	8156.0	979284.03	1.38	-222.52
W27	38	1.40	-105	22.94	8209.0	979283.06	1.36	-219.45
W28	38	2.08	-105	18.90	8870.0	979267.24	1.90	-196.10
W29	38	1.62	-105	17.65	9060.0	979257.19	2.43	-193.56
W30	38	2.48	-105	11.08	11572.0	979090.21	15.52	-197.86
W31	38	2.28	-105	8.36	9750.0	979205.46	9.90	-197.38
W32	38	1.06	-105	4.22	9092.0	979244.82	7.16	-198.45
W33	38	0.27	-105	3.77	8866.0	979256.63	7.29	-198.91
W34	38	1.26	-105	2.57	9217.0	979240.96	8.63	-193.64
W35	38	0.92	-105	0.43	8163.0	979304.20	5.34	-196.39
W36	38	57.74	-105	5.26	8899.0	979325.40	2.17	-217.68
W37	38	57.01	-105	1.58	7956.0	979376.10	5.08	-217.52
W38	38	55.68	-105	0.30	7654.0	979390.04	9.49	-217.31
W39	38	54.02	-104	59.88	8602.0	979331.96	5.65	-219.96
W40	38	53.88	-105	3.85	10036.0	979245.66	7.60	-218.07
W42	38	55.41	-105	2.04	9383.0	979288.74	4.90	-219.14
W43	38	56.70	-105	4.95	9052.0	979310.33	3.57	-220.60
W46	38	7.23	-105	3.63	7313.0	979347.46	5.26	-213.37
W47	38	6.95	-105	2.70	7074.0	979362.00	4.99	-213.00
W48	38	7.08	-105	0.34	6609.0	979387.84	3.07	-217.11
W49	38	6.40	-104	59.91	6480.0	979398.42	3.71	-212.62
W50	38	5.16	-104	58.22	6303.0	979409.93	3.96	-209.66
W51	38	4.27	-104	57.90	6174.0	979414.62	3.67	-212.33

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
W53	38	2.09	-104	59.69	6941.0	979366.10	4.41	-210.33
W54	38	1.04	-104	59.68	7862.0	979315.03	5.21	-203.90
W55	38	6.70	-104	21.85	4697.0	979533.43	-0.18	-188.56
W56	38	5.25	-104	20.85	4754.0	979528.69	-0.17	-187.76
W57	38	3.25	-104	19.10	4814.0	979526.30	-0.15	-183.62
W58	38	0.15	-104	22.85	4914.0	979517.95	-0.07	-181.38
W59	38	3.15	-104	24.90	4794.0	979522.45	-0.10	-188.47
W60	38	6.05	-104	27.20	4855.0	979519.40	-0.12	-192.14
W61	38	3.55	-104	39.60	5122.0	979493.29	0.15	-198.36
W62	38	2.55	-104	42.00	5222.0	979483.53	0.25	-200.58
W63	38	6.60	-104	40.50	5047.0	979501.79	0.10	-198.86
W64	38	2.55	-104	29.95	5273.0	979491.41	0.07	-189.83
W65	38	33.13	-104	38.48	5244.0	979521.13	0.13	-206.62
W66	38	32.07	-104	38.27	5235.0	979522.38	0.11	-204.36
W67	38	33.94	-104	39.16	5294.0	979517.13	0.16	-208.79
W68	38	35.08	-104	40.09	5333.0	979513.79	0.23	-211.40
W69	38	36.63	-104	40.91	5382.0	979510.76	0.32	-213.69
W70	38	37.42	-104	41.40	5420.0	979508.53	0.36	-214.77
W71	38	38.10	-104	41.30	5450.0	979506.94	0.37	-215.56
W72	38	45.98	-104	47.28	5885.0	979485.76	1.55	-221.13
W73	38	45.30	-104	46.71	5816.0	979489.49	1.40	-220.68
W75	38	53.76	-104	24.32	6210.0	979485.02	0.32	-215.11
W77	38	53.76	-104	26.50	6294.0	979479.01	0.36	-216.06
W78	38	53.76	-104	27.60	6381.0	979472.70	0.40	-217.12
W79	38	53.76	-104	28.73	6403.0	979470.51	0.40	-218.00
W80	38	53.76	-104	29.86	6440.0	979467.25	0.42	-219.02
W81	38	57.25	-104	29.86	6638.0	979460.57	0.50	-218.92
W82	38	57.25	-104	28.73	6570.0	979466.16	0.46	-217.43
W83	38	57.25	-104	26.50	6486.0	979472.42	0.42	-216.24
W84	38	57.25	-104	25.42	6451.0	979475.27	0.41	-215.49
W85	38	57.25	-104	23.20	6345.0	979482.94	0.40	-214.18
W86	38	59.81	-104	28.73	6706.0	979460.55	0.51	-218.63
W87	38	59.83	-104	25.42	6594.0	979466.57	0.46	-219.39
W89	38	49.32	-104	46.20	6037.0	979476.62	1.49	-226.16
W90	38	51.51	-104	52.45	6185.0	979469.66	3.39	-225.58
W91	38	50.90	-104	50.90	6125.0	979475.87	2.41	-223.05
W92	38	51.06	-104	49.52	6056.0	979475.83	1.81	-222.03
W93	38	51.02	-104	47.99	6129.0	979471.66	1.29	-222.31
W94	38	50.85	-104	46.52	6163.0	979469.69	1.01	-222.28
W95	38	50.84	-104	45.59	6173.0	979469.16	0.87	-222.36

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
W97	38	53.34	-104	46.90	6286.0	979462.55	1.20	-231.54
W98	38	53.41	-104	45.38	6417.0	979454.82	0.80	-231.93
W99	38	56.36	-104	47.00	6571.0	979447.97	0.89	-233.83
W100	38	56.36	-104	45.89	6767.0	979435.48	0.82	-234.65
W101	38	59.05	-104	44.24	7159.0	979416.48	0.86	-234.10
W102	38	59.93	-104	44.24	7098.0	979422.06	0.78	-233.56
W103	38	59.05	-104	45.35	7020.0	979424.02	0.81	-234.94
W104	38	58.05	-104	47.88	6667.0	979444.90	0.94	-233.59
W105	38	59.12	-104	49.86	6483.0	979456.75	1.44	-233.83
W106	38	57.65	-104	50.28	6392.0	979459.18	1.84	-234.28
W107	38	58.27	-104	48.74	6553.0	979451.10	1.11	-234.37
W108	38	55.93	-104	49.14	6292.0	979463.45	1.46	-233.83
W109	38	56.50	-104	49.90	6475.0	979452.27	1.53	-234.83
W110	38	54.88	-104	49.38	6242.0	979465.10	1.55	-233.54
W111	38	53.76	-104	50.88	6337.0	979458.41	1.96	-232.46
W112	38	53.76	-104	52.40	6524.0	979448.10	2.63	-230.93
W113	38	55.71	-104	51.71	6624.0	979442.39	2.43	-233.73
W114	38	54.17	-104	44.50	6547.0	979446.42	0.84	-233.63
W115	38	55.39	-104	43.16	6789.0	979433.06	0.71	-234.43
W117	38	59.05	-104	42.06	7303.0	979406.56	0.93	-235.33
W118	38	59.93	-104	42.05	7379.0	979403.01	0.96	-235.60
W119	38	59.93	-104	38.63	7443.0	979403.34	1.04	-231.35
W120	38	59.93	-104	37.53	7393.0	979407.70	1.00	-230.03
W121	38	58.84	-104	40.03	7258.0	979412.89	0.88	-231.44
W122	38	56.51	-104	39.75	6904.0	979431.86	0.69	-230.42
W123	38	56.51	-104	38.63	6893.0	979434.37	0.67	-228.59
W124	38	56.47	-104	36.45	6874.0	979438.81	0.65	-225.25
W125	38	59.48	-104	36.45	7200.0	979422.07	0.84	-226.72
W126	38	58.21	-104	36.45	7078.0	979427.99	0.77	-226.30
W127	38	12.57	-105	14.56	8513.0	979293.25	3.65	-205.11
W128	38	12.56	-105	11.47	10188.0	979182.48	13.66	-205.35
W129	38	12.87	-105	12.67	9664.0	979224.44	7.08	-201.89
W130	38	26.55	-105	13.89	5325.0	979480.11	1.88	-231.38
W131	38	17.68	-105	10.02	7738.0	979342.28	4.11	-202.55
W132	38	13.64	-105	13.00	9574.0	979221.40	7.87	-210.66
W133	38	14.16	-105	14.04	9520.0	979228.40	7.34	-209.20
W134	38	14.32	-105	13.79	9620.0	979220.02	8.91	-209.24
W135	38	15.54	-105	14.72	9204.0	979240.25	6.12	-212.55
W136	38	16.10	-105	15.12	9200.0	979251.89	6.20	-207.89
W137	38	55.51	-104	35.57	6757.0	979447.21	0.55	-222.31

## PRINCIPAL FACTS

Area: Pueblo 1 x 2-degree quadrangle

Data source: USGS (Peterson, Kleinkopf, and Wilson)

STATION	LATITUDE		LONGITUDE		ELEVATION ft	GRAVITY		
	deg	min	deg	min		observed	tc	cha
W139	38	55.51	-104	30.73	6566.0	979461.64	0.47	-219.62
W140	38	58.97	-104	32.17	6840.0	979450.30	0.61	-219.52
W141	38	53.18	-104	40.94	6535.0	979448.33	0.59	-231.23
V001	38	11.22	-105	23.54	7919.0	979320.43	1.29	-213.91
V002	38	11.22	-105	23.16	7950.0	979323.51	1.46	-208.81
V003	38	11.21	-105	24.29	7970.0	979311.71	1.21	-219.64
V004	38	11.48	-105	24.37	7920.0	979312.92	1.06	-221.97
V005	38	11.51	-105	24.57	7925.0	979312.95	1.06	-221.68
V006	38	12.00	-105	24.50	7850.0	979325.50	1.01	-214.40
V007	38	11.98	-105	26.69	7808.0	979334.82	1.02	-207.55
V008	38	11.87	-105	26.47	7845.0	979331.91	1.00	-208.10
V009	38	11.88	-105	25.79	7850.0	979328.62	0.98	-211.13
V010	38	11.76	-105	25.52	7755.0	979333.00	1.23	-212.05
V011	38	11.70	-105	25.25	7738.0	979332.67	1.27	-213.24
V012	38	11.50	-105	25.11	7775.0	979328.01	1.14	-215.52
V013	38	11.30	-105	24.98	7780.0	979327.48	1.21	-215.38
V014	38	11.10	-105	24.70	7902.0	979321.12	1.09	-214.27
V015	38	11.91	-105	25.00	7865.0	979324.15	0.98	-214.75
V016	38	11.78	-105	24.73	7885.0	979319.01	1.01	-218.47
V017	38	12.29	-105	24.71	7850.0	979329.69	0.98	-210.67
V018	38	12.38	-105	25.87	7822.0	979331.48	0.93	-210.73
V019	38	12.94	-105	25.58	7778.0	979336.50	0.94	-209.16
V020	38	10.25	-105	24.12	7960.0	979319.54	1.18	-211.03
V021	38	10.32	-105	23.78	7960.0	979319.17	1.34	-211.34
V023	38	11.26	-105	23.80	7890.0	979316.88	1.21	-217.33
V024	38	11.08	-105	23.99	8005.0	979312.18	1.20	-216.89