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Principal Facts for Gravity Stations in the Ajo 1° x 2°  
Quadrangle and the Papago Indian Reservation, Southwest Arizona

by

Frances M. Boler and Michael Baer

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

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Introduction

This report summarizes the data reduction and provides a principal facts list for 5160 gravity stations within the Ajo 1° x 2° quadrangle and the Papago Indian Reservation (from the U.S.-Mexican border to 33°N latitude, and from 111°15' to 114°W longitude) in southwest Arizona. The gravity data include 1213 previously unpublished stations collected by the U.S. Geological Survey (USGS), 2010 stations collected by the University of Arizona (U of A) under contract to the USGS, and 1937 stations from the files of the Department of Defense (DOD), Defense Mapping Agency Aerospace Center (DMAAC, 1975). The principal facts listed in the appendices incorporate the 1971 International Gravity Standardization Net (IGSN-71) base-value adjustment (Morelli, 1971).

Data Reduction

The 1213 USGS stations were obtained during 11 surveys from 1978 through 1980 (Table 1). Meter readings for these stations were tide-corrected, drift-corrected, and reduced to observed gravity by computer.

Appendix A contains a location description for the field base station established at the new Gila Bend Municipal Airport. The IGSN base station in Gila Bend is located at the former Gila Bend Municipal Airport, a facility no longer in use and difficult to locate following the IGSN description. In addition, a modified description for the Lukeville, Arizona base station has been included in Appendix A because establishment of a new border marker near the one in use as the IGSN base station has made the old description ambiguous.

Table 1. USGS gravity surveys in the Ajo quadrangle and the Papago Indian Reservation, southwestern Arizona

<u>Date</u>	<u>Area</u>	<u>Gravity meter</u> <sup>1</sup>	<u>ID numbers</u>	<u>Number of stations</u>
Feb. 1978	Central Papago	G-159	PAP 1-35	35
Apr-May 1978	Central Papago	G-159	PAP 36-88	53
Nov-Dec 1978	Central Papago	G-159	PAP 89-113	24
Feb 1979	Central Papago	G-17	PAP 114-147	33
Apr 1979	Central Papago	G-17	PAP 148-184	37
Nov-Dec 1979	Central Papago	G-235	PAP 185-229	45
Apr-May 1980	Central Papago	G-551	PAP 230-299	70
Apr-May 1979	Central Ajo	G-159	1-224	224
		W-90	226-253	28
Sept-Oct 1979	West Ajo	G-192	301-522	222
Apr-May 1980	West and Central Ajo	G-159	700-941	242
		W-90	602-699 and	97
			1700-1754	55
May 1980	Central Papago	G-159	942-990	48
Total				1213

<sup>1</sup>G-, LaCoste-Romberg; W-, Worden.

The use of brand names is for descriptive purposes only and does not constitute endorsement by the USGS.

Principal facts for fundamental and temporary field bases used during USGS surveys are listed in Appendix B. Principal facts for the USGS stations are listed in Appendix C, and station locations are shown in Plate 1. In addition to principal facts, an elevation code and base station code are listed for each station. The elevation code gives the form of elevation control according to the table on page B2. Base codes refer to the fundamental or temporary bases (listed on page B1) to which the station is tied.

The University of Arizona obtained 2010 gravity stations under contract to the USGS in parts of the Ajo quadrangle and within the Papago Indian Reservation. Principal facts for stations provided by the U of A are listed in Appendix D. Locations of the stations included in Appendix D are shown on Plate 2.

Principal facts for 1937 stations were obtained from the files of the Department of Defense (DMAAC, 1975) and are listed in Appendix E.

USGS stations 1-253 were terrain-corrected by hand for Hammer zones D through F (0.053 to 0.895 km) (Hammer, 1939). Inner terrain corrections for all other stations were computed from the station out to zone F using a computer program based on the algorithm of Plouff (1977); outer terrain corrections for Hammer zones F through O (0.895 to 166.7 km) were computed for all stations with the same program, which uses elevation data on a 15-second grid for corrections from 0 to 5 km, on a 1-minute grid for corrections from 5 to 21 km, and on a 3-minute grid for corrections from 21 to 166.7 km. The principal facts lists in Appendices B, C, and D include the total terrain correction and the complete Bouguer anomaly with a reduction density of  $2.67 \text{ g/cm}^3$ . The complete Bouguer anomaly is computed based on theoretical gravity from the 1967 International Gravity Formula (Geodetic Reference System 1967, International Association of Geodesy, 1971) and is earth-curvature corrected.

## Sources of Error

Differences in observed gravity for duplicated stations within and between the USGS, U of A, and DOD data sets can be used to estimate an uncertainty in observed gravity for the entire data set. The mean and standard deviation of such differences for each data set are shown in Table 2. Based on the table, the uncertainty in observed gravity for the whole data set is estimated to be  $\pm 0.3$  mgal.

Errors in station location or elevation cause errors in the computed complete Bouguer anomaly. Most stations in all three data sets are located at bench marks or spot elevations marked on USGS topographic maps. The elevation codes given in Appendix B for USGS stations indicate the type of elevation and location control for each station. Similar elevation and location control is not available for the U of A and DOD data sets. Elevation uncertainties translate to uncertainties in Bouguer anomalies as  $\Delta g = (0.094 - 0.13\rho)\Delta h$  (Grant and West, 1965, p. 239), where  $\Delta g$  is the uncertainty in the simple Bouguer anomaly in mgals,  $\rho$  is the reduction density in  $\text{g/cm}^3$ , and  $\Delta h$  is the elevation uncertainty in feet. For  $\rho = 2.67 \text{ g/cm}^3$ ,  $\Delta g = 0.06$  mgal per foot of elevation error. This translates to  $\pm 1.2$  mgal in the case of contour interpolated elevations on 40-ft contour interval maps (elevation uncertainty =  $\pm 20$  ft).

Errors in horizontal location are a function of map scale. For stations not located at bench marks or section corners, locations can be estimated to better than 250 ft for 1:62,500-scale maps. This amounts to less than 0.06 mgal error (Grant and West, 1965, p. 239) in the calculation of theoretical gravity, and is equivalent to the same error in the Bouguer anomaly.

Table 2. Mean and standard deviation of observed gravity differences for duplicated stations

	<u>USGS</u>			<u>U. of Arizona</u>			<u>Dept. of Defense</u>		
	n	$\bar{\Delta g}$	$\sigma$	n	$\bar{\Delta g}$	$\sigma$	n	$\bar{\Delta g}$	$\sigma$
USGS	47	0.134	0.113						
U. of Arizona	113	0.248	0.282	61	0.219	0.351			
Dept. of Defense	79	0.186	0.166	102	0.200	0.392	15	0.316	0.326

n = number of duplicates

$\bar{\Delta g}$  = mean of observed gravity absolute differences (mgal)

$\sigma$  = standard deviation (mgal)

The U of A data set appears to contain digitization errors of as much as 0.5 km for a small percentage of the stations. This translates to errors of approximately 0.4 mgal in the complete Bouguer anomaly.

As a check on the reliability of computer inner terrain corrections for this area, a comparison of computed inner terrain corrections and hand terrain corrections for the 253 stations of the USGS data set for which hand corrections were made shows that the mean absolute difference between the two corrections is 0.39 mgal with a standard deviation of 0.84 mgal.

Taking into account estimated uncertainties in observed gravity, elevation and location errors, and terrain corrections, an overall uncertainty of approximately  $\pm 1.6$  mgal can be assumed for the complete Bouguer anomalies listed in the appendices.

## References

- Defense Mapping Agency Aerospace Center, 1975, Holding storage and retrieval of gravity data: DMAAC Reference Publication RP-75-003, 33 p.
- Grant, F. S. and West, G. F., 1965, Interpretation theory in applied geophysics: New York, McGraw Hill Book Co, p. 236, 239, 584 p.
- Hammer, S., 1939, Terrain corrections for gravimeter stations: Geophysics, v. 4, p. 184-194.
- International Association of Geodesy, 1971, Geodetic Reference System 1967: Paris, Special Report 3, 116 p.
- Morelli, C., 1971, The International Gravity Standardization Net 1971 (IGSN): International Association of Geodesy Special Publication 4, 194 p.
- Plouff, D., 1977, Preliminary documentation for a FORTRAN program to compute gravity terrain corrections based on topography digitized on a geographic grid: U.S. Geological Survey Open-File Report 77-535, 45 p.



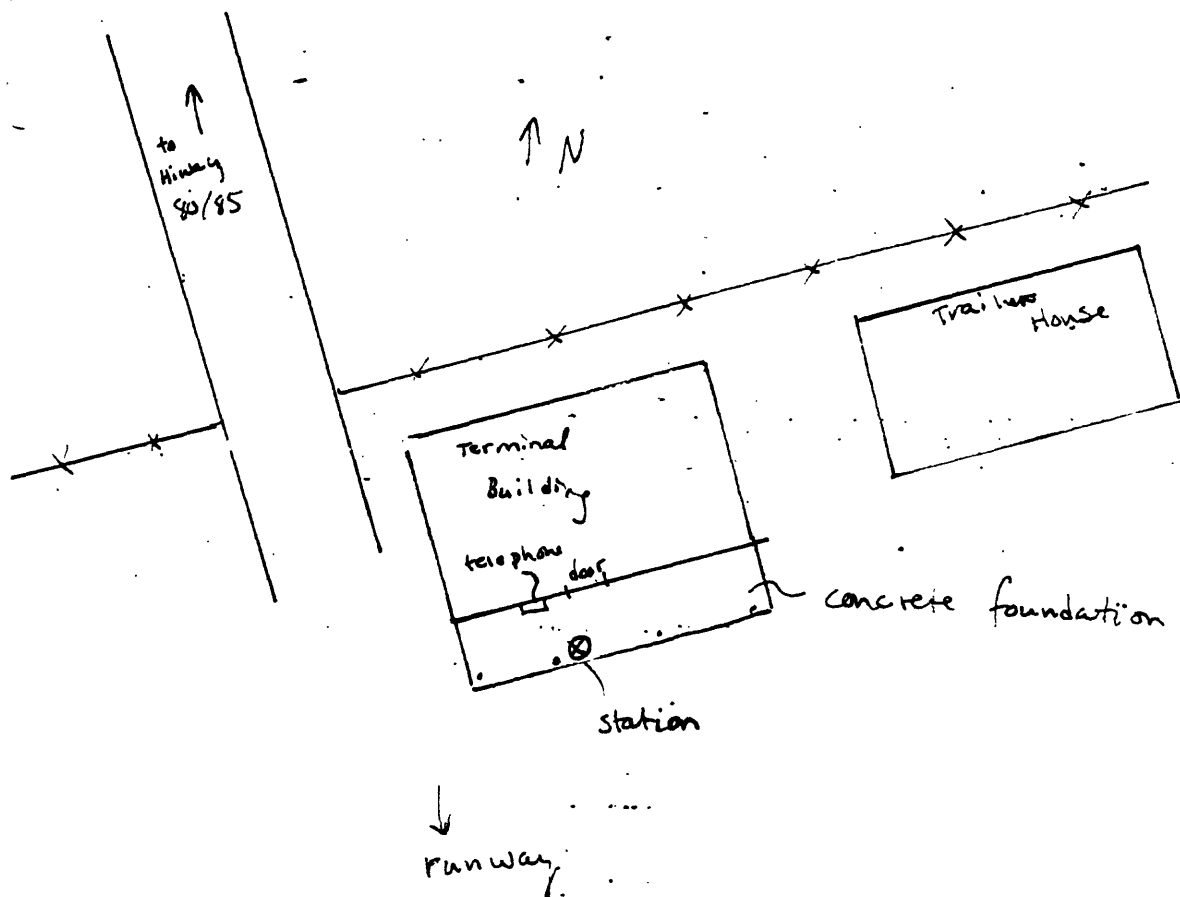
## Appendices

- A. Base station descriptions (2 pages)
- B. U.S. Geological Survey base station principal facts and station elevation control codes (2 pages)
- C. U.S. Geological Survey data (31 pages)
- D. University of Arizona data (51 pages)
- E. Department of Defense data (49 pages)

STATE/COUNTRY ARIZONA, USA		STATION DESIGNATION GILA		OBSERVED GRAVITY 979446.53 mgal
NEAREST TOWN GILA BEND		LONGITUDE 112°40.68' W		LATITUDE 32°57.56' N.
ELEVATION 770 feet		TOPOGRAPHIC MAP(S) Gila Bend 7 1/2'		

DATE	OBSERVER	METER	REFERENCE STATION	REFERENCE VALUE
APR '79	D. Klein	G-159	Phoenix ACIC 0456-0	979 476.83
APR '79	D. Klein	G-159	AJO ACIC 3220-1	979 368.49
MAY '79	F. Boler	G-159	Phoenix ACIC 0456-0	979 476.83

**DESCRIPTION/SKETCH** Station is located at the Gila Bend Municipal Airport (Shown on USGS Gila Bend 7 1/2' quad map) about 1 mile northeast of the I-8 - Highway 85 junction on the east side of town.



## EXPLANATION FOR PRINCIPAL FACTS LIST

Date: 03/17/81

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona

Data Source: U.S. Geological Survey; Boler, Klein, and Long

## BASE STATION LIST

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y observed	BASE CODE
AJO	32 27.16	112 51.40	1430.4	979368.49	1
CASAGRAN	32 52.50	111 45.17	1399.9	979402.17	2
DATLAND	32 48.03	113 32.42	444.6	979503.43	3
GILAREND	32 56.35	112 41.40	770.0	979441.51	4
LUKEVILL	31 52.82	112 49.07	1399.9	979326.73	5
YUMA	32 40.50	114 34.52	214.9	979508.84	6
AFB1	32 53.19	112 43.66	852.0	979452.87	7
AFB2	32 53.05	112 43.41	845.0	979452.05	8
AJO-1711	32 21.34	112 49.53	1714.0	979339.83	9
GILA	32 57.56	112 40.68	770.0	979446.53	10
SCM- 438	32 16.10	112 44.29	1784.0	979326.59	11
SEM- 644	32 51.90	113 12.72	676.0	979476.21	12
TACNA	32 41.52	113 57.14	349.0	979482.13	13
YUMAAP	32 39.57	114 36.12	593.2	979513.66	14
PAPBS01	32 23.06	111 32.70	2437.0	979277.11	15
PAPBS02	32 8.90	112 6.15	2398.0	979273.26	16
PAPBS03	32 48.45	111 40.14	1475.0	979391.09	17
PAPBS04	32 26.54	112 1.14	1661.0	979316.19	18
PAPBS05	32 52.45	111 50.77	1345.0	979399.07	19
PAPBS06	32 53.89	111 45.21	1387.0	979403.55	20

# ELEVATION CONTROL AND UNCERTAINTIES

Table of Elevation Control Codes and Uncertainties

	type of control			
	contour interpolatn	spot elev* pre- 1970 brn post-1970 blk	spot elev** pre-1970 blk	bench mark
uncertainty (fraction of the contour interval)	0.5	0.3	0.1	<1 ft
contour interval in ft	elevation uncertainties given as code:uncertainty in ft			
40	11:20.00	12:12.00	13: 4.00	14:<1 ft
25	21:12.50	22: 7.50	23: 2.50	24:<1 ft
20	31:10.00	32: 6.00	33: 2.00	34:<1 ft
10	41: 5.00	42: 3.00	43: 1.00	44:<1 ft
5	51: 2.50	52: 1.50	53: 0.50	54:<1 ft

\* This column refers to spot elevations printed in black on USGS quadrangle maps published after 1970 or brown on maps published before 1970. Spot elevations are determined by photogrammetry or third or lower order leveling at section corners, wells, triangulation points, prominent topographic features, etc.

\*\* This column refers to spot elevations printed in black on USGS quadrangle maps published before 1970. The elevations have been field checked.

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona  
Data source: U.S. Geological Survey; Boler, Klein, and Long

STATION		LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	code	G R A V I T Y observed	tc*	cb**	BASE CODE
AFB1		32 53.19	-112 43.66	852.0	14	979452.87	-0.14	-52.54	4
AFB2		32 53.05	-112 43.41	845.0	14	979452.05	-0.13	-53.58	4
GILA		32 57.56	-112 40.68	770.0	14	979446.53	-0.15	-69.78	4
TACNA		32 41.52	-113 57.14	349.0	14	979482.13	-0.08	-37.17	3
PAPBS01		32 23.06	-111 32.70	2437.0	41	979276.82	0.29	-92.48	2
PAPBS02		32 8.90	-112 6.15	2398.0	42	979273.03	0.50	-79.13	2
PAPBS03		32 48.45	-111 40.14	1475.0	42	979391.07	-0.22	-70.80	2
PAPBS04		32 26.54	-112 1.14	1661.0	41	979316.19	0.69	-103.72	2
PAPBS05		32 52.45	-111 50.77	1345.0	12	979399.07	-0.22	-76.03	2
PAPBS06		32 53.89	-111 45.21	1387.0	14	979403.55	-0.25	-71.06	2
MID-	2	32 30.85	-112 54.36	1275.0	43	979393.59	0.43	-55.46	7
MID-	3	32 31.38	-112 55.06	1247.0	43	979397.03	0.17	-54.67	7
MID-	4	32 31.70	-112 56.46	1208.0	43	979399.00	0.12	-55.52	7
MID-	5	32 32.52	-112 55.32	1213.0	43	979406.43	0.14	-48.89	7
MID-	6	32 33.79	-112 55.58	1195.0	43	979417.01	0.21	-41.05	7
MID-	7	32 35.45	-112 55.29	1142.0	43	979422.60	0.23	-40.86	7
MID-	8	32 36.49	-112 57.60	1500.0	11	979403.02	1.10	-39.66	7
MID-	9	32 35.27	-112 58.39	1660.0	11	979392.16	1.34	-39.07	7
MID-	10	32 33.56	-112 56.90	1155.0	13	979413.03	0.15	-47.16	7
MID-	11	32 33.70	-112 58.10	1130.0	13	979412.63	0.20	-49.18	7
MID-	12	32 34.09	-112 59.29	1100.0	13	979416.28	0.27	-47.78	7
CHV-	13	32 33.77	-113 1.02	1063.0	33	979419.36	0.06	-46.68	7
AJO-	15	32 25.96	-112 53.84	1503.0	21	979368.14	0.65	-60.44	7
AJO-	16	32 25.93	-112 56.72	2862.0	21	979275.28	12.29	-60.57	7
AJO-	17	32 27.02	-112 57.48	2846.0	31	979276.75	13.46	-60.37	7
AJO-	18	32 28.17	-112 58.33	2380.0	11	979332.51	10.10	-37.34	7
MID-	19	32 30.30	-112 57.93	1177.0	23	979394.67	0.18	-59.72	7
MID-	20	32 31.80	-112 58.26	1160.0	13	979402.58	0.09	-54.96	7
CHV-	21	32 32.05	-113 0.25	1104.0	43	979412.31	0.10	-48.90	7
CHV-	22	32 30.29	-113 1.01	1132.0	33	979410.49	0.49	-46.26	7
CHV-	23	32 30.30	-113 1.99	1107.0	33	979408.69	0.24	-49.82	7
THE-	24	32 49.02	-112 56.61	799.0	43	979456.02	-0.14	-46.82	7
SEN-	25	32 46.88	-113 0.38	781.0	13	979455.89	-0.10	-45.05	7
SEN-	26	32 46.15	-113 2.17	765.0	43	979457.90	-0.13	-43.03	7
SEN-	27	32 45.46	-113 1.55	788.0	13	979456.64	-0.12	-41.96	7
CHV-	28	32 44.88	-113 0.81	803.0	43	979455.25	-0.11	-41.65	7
CHV-	29	32 44.30	-113 1.53	807.0	13	979459.72	-0.11	-36.15	7
SEN-	30	32 46.75	-113 8.31	849.0	33	979463.64	0.21	-32.76	7
SEN-	31	32 46.71	-113 6.55	700.0	13	979470.96	-0.14	-34.61	7
SEN-	32	32 48.19	-113 7.44	679.0	43	979472.80	-0.15	-36.07	7

\*tc - Total terrain correction + curvature correction

\*\*cba - Complete Bouguer anomaly

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona  
 Data source: U.S. Geological Survey; Boler, Klein, and Long

STATION		LATITUDE	LONGITUDE	ELEVATION		G R A V I T Y		BASE
		deg min	deg min	ft code	observed	tc	cba	CODE
SEN-	33	32 49.49	-113 8.74	691.0 43	979471.30	-0.15	-38.63	7
SEN-	34	32 51.44	-113 13.06	693.0 43	979474.44	-0.14	-38.04	7
SEN-	35	32 49.18	-113 12.32	849.0 33	979459.82	0.23	-39.90	7
SEN-	36	32 48.85	-113 14.31	738.0 43	979469.89	-0.03	-36.24	7
SEN-	37	32 47.78	-113 14.49	669.0 43	979475.93	-0.13	-32.95	7
SEN-	38	32 46.03	-113 14.91	646.0 33	979474.85	-0.14	-33.01	7
SEN-	39	32 45.19	-113 13.87	663.0 33	979471.81	-0.12	-33.86	7
CHV-	40	32 44.09	-113 13.43	654.0 31	979470.35	-0.14	-34.37	7
CHV-	41	32 40.79	-113 10.66	746.0 33	979458.55	-0.01	-36.05	7
SEN-	42	32 46.72	-113 2.88	746.0 43	979460.29	-0.13	-42.55	7
SEN-	43	32 47.23	-113 3.78	729.0 43	979463.05	-0.14	-41.51	7
SEN-	44	32 47.65	-113 4.61	710.0 43	979467.01	-0.14	-39.26	7
SEN-	45	32 48.18	-113 5.46	692.0 43	979470.87	-0.15	-37.21	7
CHV-	46	32 44.67	-113 8.00	733.0 23	979468.09	-0.07	-32.65	7
CHV-	47	32 42.50	-113 4.55	856.0 13	979445.86	0.05	-44.46	7
THE-	48	32 47.22	-112 56.27	926.0 33	979442.29	0.21	-50.17	7
GIB-	49	32 47.52	-112 32.65	2921.0 33	979288.58	12.96	-72.60	7
KAK-	50	32 44.33	-112 28.63	2196.0 31	979354.24	0.82	-57.95	7
EST-	51	32 45.23	-112 22.85	3880.0 11	979238.74	14.06	-60.95	7
KAK-	52	32 43.78	-112 23.79	3639.0 31	979256.49	7.87	-61.79	7
KAK-	53	32 40.61	-112 22.61	4021.0 31	979201.22	19.45	-78.33	7
KAK-	54	32 39.97	-112 19.33	2474.0 31	979317.36	0.69	-72.42	7
KAK-	55	32 38.68	-112 21.11	2608.0 11	979301.05	0.74	-78.92	7
KAK-	56	32 37.55	-112 21.54	3306.0 31	979246.50	6.85	-84.16	7
KAK-	57	32 35.35	-112 20.62	3079.0 31	979260.36	4.21	-83.48	7
KAK-	58	32 40.09	-112 26.91	2457.0 31	979315.37	2.10	-74.18	7
KAK-	59	32 41.27	-112 29.65	1960.0 31	979356.80	0.39	-65.71	7
HAT-	60	32 43.81	-112 32.80	2948.0 41	979289.73	13.56	-64.15	7
HAT-	61	32 44.92	-112 31.21	2233.0 41	979348.18	2.14	-61.30	7
KAK-	62	32 42.44	-112 27.35	2280.0 11	979346.38	1.21	-57.83	7
KAK-	63	32 42.14	-112 24.03	3330.0 11	979266.81	6.23	-69.32	7
KAK-	64	32 39.73	-112 25.01	2480.0 11	979312.53	1.31	-75.94	7
KAK-	65	32 36.12	-112 23.96	3136.0 21	979263.26	4.94	-77.50	7
KAK-	66	32 36.65	-112 26.35	2230.0 11	979326.46	0.77	-73.25	7
KAK-	67	32 38.45	-112 27.86	2075.0 11	979341.55	0.82	-69.82	7
HAT-	68	32 38.61	-112 31.73	2370.0 31	979306.51	5.83	-82.47	7
HAT-	69	32 40.83	-112 32.75	1752.0 31	979368.97	0.27	-65.46	7
HAT-	70	32 37.68	-112 37.10	2713.0 41	979287.16	8.04	-77.87	7
HAT-	71	32 36.32	-112 35.78	2178.0 41	979322.11	2.42	-78.60	7
HAT-	72	32 35.61	-112 34.38	1952.0 31	979341.24	0.54	-73.85	7

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona  
 Data source: U.S. Geological Survey; Boler, Klein, and Long

STATION		LATITUDE	LONGITUDE	ELEVATION		G R A V I T Y	BASE
		deg min	deg min	ft code	observed	tc cba	CODE
HAT-	73	32 35.76	-112 31.85	2269.0 31	979314.62	2.47 -79.85	7
KAK-	74	32 36.94	-112 29.48	2501.0 31	979302.41	3.54 -78.76	7
KAK-	75	32 35.36	-112 28.91	2338.0 31	979319.83	1.31 -71.14	7
KAK-	76	32 34.80	-112 25.79	3689.0 21	979223.59	10.89 -76.40	7
KAK-	77	32 33.65	-112 24.81	2952.0 21	979272.61	3.42 -77.28	7
KAK-	78	32 31.93	-112 27.62	3470.0 41	979229.49	14.75 -75.80	7
BOS-	79	32 53.04	-112 34.81	1113.0 33	979420.02	0.11 -69.38	8
GIB-	80	32 51.31	-112 33.80	1262.0 33	979408.49	0.78 -68.99	8
GIB-	81	32 49.56	-112 34.82	1257.0 33	979407.16	0.62 -68.38	8
GIB-	82	32 46.94	-112 36.86	1256.0 33	979408.89	0.99 -62.75	8
HAT-	83	32 38.50	-112 33.54	2089.0 21	979326.85	2.47 -82.09	8
HAT-	84	32 40.17	-112 35.38	1630.0 11	979366.55	0.26 -74.26	8
KAK-	85	32 32.95	-112 29.83	3056.0 31	979256.95	10.17 -79.02	8
HAT-	86	32 33.42	-112 33.35	3104.0 31	979258.65	4.84 -80.43	8
HAT-	87	32 33.40	-112 35.34	2120.0 11	979329.34	1.18 -72.07	8
HAT-	88	32 38.79	-112 40.74	1790.0 11	979356.14	0.39 -73.11	8
MID-	89	32 38.15	-112 46.71	1480.0 11	979378.57	0.36 -68.31	8
MID-	90	32 42.71	-112 50.00	1057.0 41	979435.88	0.14 -42.67	8
MID-	91	32 39.81	-112 52.83	1060.0 43	979421.56	0.04 -52.94	8
MID-	92	32 39.07	-112 53.46	1055.0 43	979423.53	0.10 -50.19	8
MID-	93	32 36.63	-112 52.65	1128.0 41	979412.71	0.10 -53.33	8
MID-	94	32 37.03	-112 55.42	1067.0 43	979425.05	0.36 -44.91	8
MID-	95	32 38.18	-112 57.58	1583.0 31	979389.38	4.01 -47.75	8
MID-	96	32 39.06	-112 56.44	1309.0 41	979411.15	1.49 -46.04	8
MID-	97	32 40.01	-112 55.24	987.0 43	979435.97	0.00 -43.19	8
MID-	98	32 41.27	-112 56.59	949.0 43	979450.33	0.03 -32.79	8
MID-	99	32 42.57	-112 57.97	893.0 43	979454.76	0.07 -33.44	8
MID-	100	32 42.67	-112 53.42	964.0 13	979444.02	-0.03 -40.18	8
GIB-	101	32 51.26	-112 39.29	975.0 13	979427.78	-0.04 -67.55	7
GIB-	102	32 46.07	-112 36.86	1327.0 33	979404.70	0.32 -62.18	7
HAT-	103	32 43.78	-112 34.94	1525.0 11	979392.19	0.27 -59.81	7
HAT-	104	32 41.76	-112 38.04	1480.0 11	979389.00	0.19 -62.99	7
GIB-	105	32 49.55	-112 40.97	1035.0 33	979431.11	-0.04 -58.30	8
GIB-	106	32 47.81	-112 43.03	1084.0 33	979434.18	-0.01 -49.90	8
GIB-	108	32 45.32	-112 40.24	1258.0 33	979412.67	0.07 -57.55	8
HAT-	109	32 42.77	-112 38.46	1426.0 11	979397.70	0.14 -58.94	8
HAT-	110	32 42.57	-112 39.96	1390.0 31	979409.20	0.20 -49.25	8
HAT-	111	32 41.56	-112 43.25	1440.0 11	979402.09	1.10 -51.10	8
HAT-	112	32 44.31	-112 43.01	1215.0 11	979425.68	0.31 -45.48	8
GIB-	113	32 45.69	-112 44.63	1238.0 13	979439.26	0.43 -32.30	8

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona  
 Data source: U.S. Geological Survey; Boler, Klein, and Long

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft code	G R A V I T Y observed tc cba	BASE CODE
THE- 114	32 46.06	-112 46.09	1063.0 33	979450.60 0.37 -31.95	8
THE- 115	32 45.18	-112 48.16	1077.0 33	979453.96 1.01 -25.91	8
CHV- 116	32 34.02	-113 3.54	1235.0 31	979408.91 1.38 -45.90	8
CHV- 117	32 35.61	-113 5.10	958.0 33	979428.28 0.11 -46.48	8
CHV- 118	32 35.62	-113 8.13	893.0 33	979433.53 0.00 -45.23	8
CHV- 119	32 34.08	-113 9.65	871.0 43	979435.26 0.06 -42.65	8
CHV- 120	32 38.14	-113 9.45	950.0 31	979438.93 0.83 -39.05	8
CHV- 121	32 37.60	-113 6.40	1738.0 31	979382.15 4.02 -44.94	8
CHV- 122	32 40.85	-113 6.51	765.0 33	979447.42 -0.06 -46.17	8
CHV- 123	32 41.93	-113 5.46	755.0 33	979447.60 -0.09 -48.10	8
CHV- 124	32 40.33	-113 4.42	894.0 33	979435.18 0.34 -49.62	8
MID- 125	32 41.40	-112 59.00	963.0 21	979449.82 -0.01 -32.68	8
MID- 126	32 38.15	-112 51.19	1169.0 41	979407.69 0.06 -58.03	8
MID- 127	32 30.88	-112 45.63	1653.0 31	979357.71 0.52 -68.77	8
MID- 128	32 32.34	-112 45.75	1504.0 41	979369.71 0.28 -67.88	8
THE- 129	32 50.42	-112 49.18	881.0 33	979472.38 -0.04 -27.40	8
THE- 130	32 48.67	-112 51.26	968.0 33	979469.85 0.37 -21.94	8
THE- 131	32 46.92	-112 49.19	1037.0 33	979462.27 0.03 -23.34	8
THE- 132	32 46.04	-112 51.25	954.0 33	979455.86 -0.03 -33.56	8
THE- 133	32 49.54	-112 54.35	806.0 13	979465.93 -0.13 -37.20	8
THE- 134	32 48.67	-112 54.34	827.0 33	979459.34 -0.12 -41.33	8
THE- 135	32 46.95	-112 54.35	887.0 33	979448.91 -0.06 -45.77	8
THE- 136	32 50.62	-112 55.99	761.0 43	979468.06 -0.15 -39.25	8
THE- 137	32 45.95	-112 58.18	818.0 43	979447.81 -0.09 -49.64	8
THE- 138	32 52.85	-112 57.89	854.0 33	979470.65 0.11 -33.93	8
SEN- 139	32 51.27	-113 3.50	736.0 33	979469.12 -0.16 -40.59	8
AGM- 140	32 44.33	-113 20.06	583.0 31	979481.72 -0.14 -27.56	8
AGM- 141	32 44.33	-113 18.01	594.0 31	979474.99 -0.14 -33.63	8
AGM- 142	32 42.14	-113 17.97	632.0 11	979478.91 -0.08 -24.39	8
AGM- 143	32 39.92	-113 18.70	664.0 41	979457.94 0.09 -40.25	8
CHV- 144	32 34.27	-113 10.62	849.0 43	979437.91 0.00 -41.62	8
CHV- 145	32 34.15	-113 13.68	772.0 41	979434.02 -0.06 -49.99	8
CHV- 146	32 35.61	-113 9.78	856.0 33	979437.32 0.01 -43.62	8
CHV- 147	32 35.61	-113 14.29	767.0 33	979437.12 -0.05 -49.18	8
SEN- 148	32 49.49	-113 5.53	726.0 33	979467.66 -0.14 -40.17	8
THE- 149	32 49.52	-112 57.31	791.0 33	979457.90 -0.14 -46.11	8
GRP- 150	32 28.94	-113 4.18	1164.0 21	979405.70 0.27 -47.52	8
GRP- 151	32 26.64	-113 3.15	1432.0 31	979384.07 0.72 -49.60	8
GRP- 152	32 27.65	-113 1.98	1190.0 33	979399.81 0.20 -50.17	8
GRP- 153	32 26.80	-113 2.03	1220.0 33	979395.63 0.24 -51.36	8



## PRINCIPAL FACTS

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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	code	G R A V I T Y observed	tc	cba	BASE CODE
GRP- 154	32 25.06	-113 2.01	1332.0	31	979387.75	0.30	-50.14	8
AJO- 155	32 24.04	-112 55.88	1615.0	41	979372.09	0.58	-47.26	8
AJO- 156	32 24.52	-112 57.66	1485.0	31	979378.73	0.46	-49.14	8
AJO- 157	32 24.95	-112 55.20	1846.0	21	979352.44	1.00	-53.97	8
AJO- 158	32 21.10	-112 54.62	1993.0	41	979342.98	1.02	-49.39	8
AJO- 159	32 19.87	-112 55.88	1819.0	31	979353.95	0.53	-47.61	8
AJO- 160	32 17.12	-112 57.81	1854.0	31	979339.38	0.64	-56.25	8
AJO- 161	32 18.48	-112 59.15	1754.0	31	979352.99	0.64	-50.45	8
GRP- 162	32 17.81	-113 1.63	1693.0	21	979349.93	0.73	-56.14	8
GRP- 163	32 19.42	-113 2.00	1540.0	11	979364.21	0.67	-53.23	8
GRP- 164	32 19.85	-113 2.03	1498.0	31	979369.94	0.69	-50.58	8
GRP- 165	32 23.68	-113 4.49	1396.0	41	979386.33	0.49	-45.68	8
GRP- 166	32 23.41	-113 1.81	1358.0	43	979383.52	0.31	-50.56	8
GRP- 167	32 22.90	-113 0.15	1454.0	41	979381.10	0.28	-46.60	8
AJO- 168	32 22.66	-112 58.33	1572.0	41	979372.09	0.36	-48.16	8
AJO- 169	32 22.06	-112 56.42	1764.0	41	979360.45	0.58	-47.32	8
AJO- 170	32 25.09	-112 58.97	1402.0	31	979380.70	0.31	-53.05	8
CHV- 171	32 30.30	-113 4.05	1077.0	31	979412.13	0.19	-48.21	8
CHV- 172	32 30.31	-113 6.10	1207.0	33	979406.93	0.40	-45.47	8
CHV- 173	32 33.81	-113 5.75	959.0	43	979427.49	0.05	-44.81	8
MID- 174	32 44.41	-112 46.18	2556.0	31	979322.10	18.01	-51.54	8
MID- 175	32 42.19	-112 48.13	1402.0	21	979409.67	1.88	-45.87	8
MID- 176	32 40.92	-112 48.40	2088.0	41	979352.49	9.71	-52.58	8
MID- 177	32 41.05	-112 45.82	2047.0	21	979342.95	6.55	-67.91	8
HAT- 178	32 38.07	-112 44.42	2716.0	41	979284.72	13.54	-75.17	8
HAT- 179	32 36.17	-112 41.36	2791.0	21	979278.62	8.51	-79.23	8
HAT- 180	32 35.36	-112 43.63	1669.0	41	979359.56	0.41	-72.19	8
HAT- 181	32 32.91	-112 43.61	1624.0	21	979363.41	1.01	-67.07	8
HAT- 182	32 33.39	-112 40.54	2430.0	31	979308.90	4.14	-71.06	8
HAT- 183	32 31.09	-112 40.97	2196.0	21	979319.90	2.31	-72.70	8
SCM- 184	32 28.32	-112 39.84	2597.0	31	979283.13	4.04	-80.04	8
GIB- 185	32 48.30	-112 30.58	1992.0	33	979355.47	1.75	-73.40	8
EST- 186	32 50.43	-112 28.64	1774.0	21	979375.72	0.38	-70.44	8
EST- 187	32 48.42	-112 27.81	1807.0	41	979370.27	0.70	-70.84	8
EST- 188	32 47.82	-112 24.53	2063.0	31	979363.18	0.77	-61.78	8
EST- 189	32 45.93	-112 25.89	3083.0	31	979299.86	7.83	-54.60	8
EST- 190	32 48.23	-112 21.20	2112.0	31	979353.90	0.79	-68.68	8
EST- 191	32 46.95	-112 19.38	2097.0	31	979356.42	0.44	-65.65	8
EST- 192	32 46.26	-112 17.78	2646.0	31	979317.83	4.06	-66.93	8
EST- 193	32 49.89	-112 18.66	2175.0	41	979342.84	2.38	-76.67	8

## PRINCIPAL FACTS

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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	code	G R A V I T Y observed	tc	cba	BASE CODE
EST- 194	32 52.92	-112 24.02	2793.0	31	979326.67	10.97	-51.54	8
EST- 195	32 54.57	-112 24.67	3194.0	31	979285.23	17.66	-64.63	8
EST- 196	32 54.83	-112 21.95	2204.0	31	979351.50	1.13	-74.31	8
EST- 197	32 52.63	-112 21.22	1939.0	31	979368.36	0.31	-71.05	8
EST- 198	32 52.84	-112 19.64	2272.0	31	979341.63	2.03	-76.49	8
EST- 199	32 55.94	-112 20.72	2881.0	41	979308.99	10.06	-69.03	8
EST- 200	32 58.39	-112 19.07	2035.0	31	979369.45	3.51	-68.95	8
EST- 201	32 56.84	-112 23.51	3271.0	31	979284.97	16.28	-64.80	8
EST- 202	32 56.53	-112 26.60	1673.0	31	979397.72	0.59	-62.63	8
EST- 203	32 58.05	-112 27.82	2652.0	31	979327.00	12.68	-64.97	8
EST- 204	32 54.42	-112 27.38	1787.0	31	979384.79	1.85	-64.60	8
SCM- 205	32 25.11	-112 40.55	1901.0	41	979326.12	0.91	-77.32	8
SCM- 206	32 26.16	-112 37.59	3361.0	31	979223.55	16.21	-78.92	8
SCM- 207	32 27.69	-112 37.37	2350.0	21	979304.59	1.54	-74.95	8
SCM- 208	32 29.26	-112 41.16	2183.0	21	979310.36	1.54	-81.29	8
SCM- 209	32 27.99	-112 43.41	2682.0	21	979277.18	2.61	-81.90	8
SCM- 210	32 26.25	-112 42.16	2797.0	21	979265.66	4.67	-82.12	8
SCM- 211	32 25.11	-112 44.62	1686.0	21	979336.13	0.94	-80.09	8
SCM- 212	32 22.19	-112 43.52	1703.0	43	979331.41	0.60	-80.16	8
SCM- 213	32 20.60	-112 43.82	2013.0	21	979311.74	2.07	-77.71	8
AJO- 214	32 26.53	-112 45.44	1886.0	31	979327.76	0.91	-78.51	8
AJO- 215	32 27.98	-112 47.39	1758.0	31	979345.28	0.70	-70.80	8
AJO- 216	32 28.55	-112 49.75	1639.0	31	979361.88	0.47	-62.30	8
MID- 217	32 30.87	-112 49.12	1350.0	31	979388.26	0.29	-56.49	8
MID- 218	32 37.76	-112 48.19	1329.0	21	979391.25	0.17	-64.29	8
AJO- 220	32 20.58	-112 52.28	1890.0	41	979344.79	0.76	-53.28	8
AJO- 221	32 18.20	-112 53.24	1800.0	11	979342.80	0.36	-57.80	8
AJO- 222	32 16.63	-112 51.54	1696.0	41	979341.89	0.62	-62.51	8
AJO- 223	32 18.11	-112 51.52	1775.0	41	979344.19	0.43	-57.71	8
AJO- 224	32 20.34	-112 47.84	1645.0	41	979336.81	0.30	-76.00	8
GIL- 226	32 53.98	-112 44.44	809.0	44	979458.74	-0.15	-50.33	8
THB- 227	32 52.41	-112 45.42	859.0	44	979458.37	-0.13	-45.55	8
THE- 228	32 51.20	-112 46.09	900.0	43	979458.59	-0.11	-41.20	8
THE- 229	32 47.67	-112 48.06	976.0	43	979465.10	-0.03	-25.24	8
MID- 230	32 44.49	-112 49.61	1048.0	41	979446.06	0.28	-35.32	8
MID- 231	32 43.41	-112 51.25	1004.0	43	979440.46	0.02	-42.32	8
MID- 232	32 38.13	-112 51.79	1134.0	41	979410.44	0.07	-57.33	8
MID- 233	32 34.86	-112 51.78	1180.0	41	979405.92	0.08	-54.62	8
MID- 234	32 33.09	-112 50.05	1264.0	41	979394.87	0.15	-58.18	8
MID- 235	32 33.69	-112 46.42	1433.0	41	979374.18	0.42	-69.35	8

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona  
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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	code	G R A V I T Y observed	tc	cba	BASE CODE
MID- 236	32 33.42	-112 48.44	1334.0	41	979381.14	0.15	-68.19	8
MID- 237	32 35.96	-112 51.06	1192.0	41	979403.98	0.07	-57.36	8
MID- 238	32 37.90	-112 51.17	1169.0	41	979406.00	0.06	-59.37	8
SEN- 239	32 53.00	-113 13.86	678.0	33	979479.35	-0.13	-36.15	8
SEN- 240	32 56.42	-113 10.66	655.0	33	979485.78	-0.13	-35.79	8
SEN- 241	32 54.77	-113 9.63	708.0	33	979477.57	-0.15	-38.60	8
SEN- 242	32 55.04	-113 11.25	656.0	13	979486.47	-0.13	-33.15	8
SEN- 243	32 52.99	-113 12.02	703.0	13	979477.99	-0.15	-36.03	8
MID- 244	32 34.30	-112 52.46	1185.0	21	979408.30	0.12	-51.14	8
MID- 245	32 31.15	-112 52.84	1286.0	33	979396.02	0.52	-52.70	8
AJO- 246	32 27.92	-112 52.42	1394.0	33	979374.21	0.22	-63.97	8
AJO- 247	32 27.65	-112 51.16	1406.0	43	979370.74	0.20	-66.37	8
AJO- 248	32 26.97	-112 50.32	1435.0	43	979366.80	0.36	-67.50	8
AJO- 249	32 25.08	-112 49.74	1529.0	21	979354.63	0.33	-71.51	8
AJO- 250	32 22.50	-112 48.70	1625.0	41	979338.27	0.25	-78.72	8
AJO- 251	32 23.35	-112 47.68	1562.0	23	979340.43	0.26	-81.46	8
AJO- 252	32 24.22	-112 46.65	1578.0	23	979338.53	0.26	-83.59	8
AJO- 253	32 23.18	-112 45.75	1626.0	43	979336.22	0.37	-81.52	8
ASE- 301	32 47.77	-113 20.05	560.0	35	979484.74	-0.14	-30.62	8
ASE- 302	32 46.07	-113 20.04	563.0	35	979486.24	-0.15	-26.62	8
ASE- 303	32 46.07	-113 22.10	559.0	35	979491.18	-0.14	-21.91	8
AGM- 304	32 44.33	-113 23.14	561.0	33	979489.99	-0.10	-20.56	8
AGM- 305	32 41.72	-113 23.13	562.0	33	979471.24	0.02	-35.55	8
AGM- 306	32 40.85	-113 26.23	502.0	33	979472.98	-0.11	-36.32	8
AGM- 307	32 37.37	-113 26.22	491.0	33	979474.60	-0.07	-30.56	8
AGM- 308	32 35.63	-113 26.23	491.0	33	979455.37	-0.09	-47.44	8
AGM- 309	32 34.72	-113 29.73	459.0	43	979452.81	-0.10	-50.66	8
MSE- 310	32 36.71	-113 31.49	440.0	35	979462.79	-0.11	-44.55	8
DAT- 311	32 46.05	-113 32.41	482.0	35	979501.67	-0.14	-15.98	8
MNE- 312	32 43.61	-113 35.47	382.0	35	979488.19	-0.15	-32.09	8
MNE- 313	32 39.85	-113 34.09	390.0	35	979476.50	-0.13	-38.13	8
MNE- 314	32 43.62	-113 32.10	456.0	35	979493.05	-0.13	-22.81	8
AZH- 315	32 46.34	-113 28.86	618.0	24	979496.52	-0.04	-13.33	8
AZH- 316	32 47.16	-113 27.10	539.0	43	979501.28	-0.11	-14.47	8
AZH- 317	32 45.23	-113 26.69	581.0	13	979498.19	-0.10	-12.40	8
AZH- 318	32 46.08	-113 24.18	547.0	35	979497.30	-0.13	-16.51	8
SEN- 319	32 48.00	-113 10.69	665.0	13	979477.43	-0.15	-32.01	7
SEN- 320	32 45.44	-113 10.02	682.0	23	979474.13	-0.13	-30.76	7
SEN- 321	32 45.80	-113 5.18	730.0	13	979465.68	-0.13	-36.85	7
CHV- 322	32 43.12	-113 8.58	698.0	33	979461.97	-0.12	-38.79	7

## PRINCIPAL FACTS

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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	code	G R A V I T Y observed	tc	cba	BASE CODE
CHV- 323	32 40.32	-113 12.70	723.0	33	979459.84	-0.05	-35.52	7
CHV- 324	32 41.89	-113 12.84	690.0	13	979465.14	-0.08	-34.37	7
CHV- 325	32 42.60	-113 14.91	660.0	33	979469.55	-0.10	-32.74	7
CHV- 326	32 40.84	-113 14.91	692.0	33	979461.65	-0.03	-36.25	7
AGM- 327	32 40.90	-113 17.20	683.0	43	979459.82	0.05	-38.62	7
AGM- 328	32 38.79	-113 15.76	710.0	43	979449.15	-0.05	-44.89	7
AGM- 329	32 39.49	-113 21.68	1700.0	21	979388.06	6.68	-41.22	7
MSE- 330	32 33.28	-113 33.40	666.0	23	979470.66	0.26	-18.16	7
MNE- 331	32 41.93	-113 32.00	437.0	15	979489.60	-0.15	-25.09	7
MNE- 332	32 38.21	-113 32.67	420.0	45	979468.97	-0.12	-41.62	7
CHV- 333	32 39.01	-113 11.69	1163.0	21	979427.23	2.11	-37.96	7
CHV- 334	32 36.83	-113 4.70	1314.0	31	979403.89	1.35	-50.09	7
CHV- 335	32 37.91	-113 2.77	1508.0	21	979390.98	2.93	-51.33	7
GRP- 336	32 21.60	-113 3.51	2127.0	21	979328.53	4.15	-53.41	7
GRP- 337	32 18.98	-113 3.61	2441.0	21	979301.12	4.93	-57.75	7
GRP- 338	32 18.97	-113 5.42	1353.0	21	979374.52	2.20	-51.92	7
GRP- 339	32 15.48	-113 1.14	2602.0	21	979284.06	5.18	-60.19	7
GRP- 340	32 17.02	-113 3.90	1362.0	21	979370.55	1.63	-53.28	7
GRP- 341	32 15.18	-113 4.05	1223.0	21	979379.68	0.69	-50.87	7
AGD- 342	32 14.64	-113 6.62	981.0	13	979378.94	0.17	-65.82	7
AGD- 343	32 14.42	-113 8.97	936.0	43	979378.48	0.08	-68.74	7
GRP- 344	32 26.83	-113 4.65	2163.0	31	979331.45	3.77	-55.84	7
GRP- 345	32 24.43	-113 5.20	2051.0	21	979340.72	5.73	-48.03	7
GRP- 346	32 22.61	-113 9.68	818.7	43	979407.75	0.18	-57.50	7
GRP- 347	32 22.43	-113 11.76	759.0	43	979404.37	0.06	-64.32	7
GRP- 348	32 18.40	-113 12.35	822.0	43	979406.12	0.04	-53.35	7
GRP- 349	32 20.01	-113 12.30	795.0	43	979404.69	0.02	-58.60	7
GRP- 350	32 19.86	-113 10.21	818.0	33	979394.68	0.07	-66.98	7
GRP- 351	32 19.85	-113 7.13	900.0	33	979408.05	0.31	-48.48	7
GRP- 352	32 21.55	-113 6.16	1300.0	21	979384.65	2.13	-48.54	7
KIP- 353	32 13.10	-112 59.26	2301.0	21	979303.60	3.29	-57.26	7
AGD- 354	32 13.72	-113 3.37	1180.0	21	979378.02	0.75	-53.05	7
AGD- 355	32 13.32	-113 7.52	987.0	43	979373.09	0.10	-69.58	7
GRP- 356	32 16.34	-113 10.71	876.0	41	979392.16	0.03	-61.30	7
GRP- 357	32 17.03	-113 8.64	895.0	11	979385.29	0.09	-67.92	7
AGD- 358	32 12.03	-113 5.06	1063.0	43	979371.34	0.21	-64.94	7
AGD- 359	32 12.03	-113 7.13	1022.0	23	979372.57	0.13	-66.24	7
AGD- 361	32 9.42	-113 14.28	927.0	33	979391.82	0.08	-49.15	7
AGD- 362	32 9.42	-113 11.23	965.0	33	979387.65	0.13	-51.01	7
AGD- 363	32 10.29	-113 5.08	1096.0	23	979370.82	0.20	-61.15	7

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona  
 Data source: U.S. Geological Survey; Boler, Klein, and Long

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft code	G R A V I T Y observed tc cba	BASE CODE
GRP- 364	32 15.52	-113 14.29	961.0 21	979404.48 0.17 -42.66	7
GRP- 365	32 18.13	-113 14.29	886.0 31	979416.50 0.27 -38.56	7
GRM- 366	32 19.86	-113 15.29	909.0 31	979415.49 0.45 -40.37	7
GRM- 367	32 17.79	-113 16.82	1090.0 21	979402.23 1.23 -39.25	7
ONH- 368	32 14.64	-113 17.37	860.0 33	979409.28 0.06 -42.79	7
ONH- 370	32 11.32	-113 16.91	962.0 31	979396.75 0.23 -44.57	7
GRM- 371	32 21.31	-113 15.83	1055.0 21	979409.97 1.32 -38.30	7
GRM- 372	32 19.86	-113 17.85	902.0 31	979419.01 0.45 -37.27	7
GRM- 373	32 19.86	-113 20.82	765.0 33	979428.24 0.05 -36.60	7
GRM- 374	32 17.25	-113 20.84	839.0 31	979419.53 0.29 -37.11	7
GRM- 375	32 15.10	-113 20.81	1081.0 21	979401.04 0.61 -37.94	7
MID- 376	32 43.61	-112 59.52	850.0 43	979454.11 -0.08 -38.22	7
CHV- 377	32 39.20	-113 0.64	1267.0 21	979409.59 2.43 -49.35	7
CHV- 378	32 36.78	-113 1.62	1832.0 31	979372.10 4.97 -47.32	7
CHV- 379	32 35.62	-113 3.04	1045.0 23	979425.02 0.28 -44.40	7
MID- 380	32 37.70	-112 59.53	1450.0 11	979400.01 0.67 -47.74	7
CHV- 381	32 31.07	-113 10.77	1185.0 21	979415.63 2.10 -37.41	7
CHV- 382	32 31.48	-113 6.87	1183.0 21	979410.65 0.28 -44.90	7
CHV- 383	32 32.47	-113 10.13	875.0 13	979436.68 0.07 -38.78	7
CHV- 384	32 30.65	-113 13.44	871.0 23	979427.48 0.32 -45.48	7
CHV- 385	32 32.26	-113 14.22	882.0 33	979428.65 0.40 -45.78	7
AGM- 386	32 33.09	-113 15.13	731.0 33	979438.02 -0.06 -46.99	7
AGM- 387	32 34.88	-113 16.25	713.0 33	979445.42 -0.04 -43.09	7
AGM- 388	32 35.63	-113 20.07	789.0 11	979456.72 1.23 -27.02	7
AGM- 389	32 37.92	-113 19.01	755.0 34	979453.34 0.10 -36.68	7
AGM- 390	32 35.62	-113 17.98	776.0 11	979444.81 0.02 -40.90	7
AGM- 391	32 33.70	-113 18.21	884.0 11	979437.14 0.74 -38.79	7
AGM- 392	32 33.21	-113 16.44	703.0 31	979441.37 -0.07 -45.49	7
AGM- 393	32 31.37	-113 19.14	629.0 31	979455.11 -0.04 -33.61	7
GRM- 394	32 29.72	-113 15.89	679.0 41	979437.79 -0.03 -45.69	7
GRM- 395	32 29.26	-113 18.03	739.0 21	979445.82 0.23 -33.20	7
GRM- 396	32 26.68	-113 17.66	1310.0 21	979404.58 3.29 -33.84	7
GRM- 397	32 26.46	-113 15.55	976.0 31	979416.16 1.22 -43.93	7
GRM- 398	32 25.08	-113 17.33	1003.0 31	979424.36 0.75 -32.71	7
GRM- 399	32 23.42	-113 16.57	983.0 21	979422.39 0.54 -33.82	7
GRP- 400	32 28.31	-113 6.30	1993.0 31	979352.51 5.86 -44.85	7
GRP- 401	32 29.42	-113 8.13	1087.0 21	979419.79 1.76 -37.19	7
GRP- 402	32 27.67	-113 8.13	914.0 31	979429.51 0.47 -36.68	7
GRP- 403	32 25.07	-113 8.13	882.0 31	979422.71 0.52 -41.78	7
GRP- 404	32 25.08	-113 10.18	782.0 33	979421.71 0.14 -49.14	7

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona  
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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft code	G R A V I T Y observed tc cba	BASE CODE
GRP- 405	32 28.72	-113 10.11	810.0 13	979429.93 0.11 -44.24	7
GRP- 406	32 28.68	-113 12.56	792.0 23	979431.61 0.00 -43.69	7
GRP- 407	32 27.43	-113 13.10	706.0 43	979430.44 0.00 -48.28	7
GRP- 408	32 24.14	-113 11.88	788.0 43	979412.23 0.40 -56.71	7
GRP- 409	32 23.72	-113 14.95	1333.0 31	979385.56 5.88 -44.86	7
GRM- 410	32 25.07	-113 20.82	781.0 33	979438.23 0.34 -32.46	7
GRM- 411	32 26.82	-113 20.84	823.0 31	979443.37 0.31 -27.24	7
GRM- 412	32 27.66	-113 24.77	619.0 43	979441.02 -0.01 -43.20	7
GRM- 413	32 28.57	-113 20.83	749.0 31	979449.54 0.18 -27.99	7
AGM- 414	32 35.62	-113 22.10	624.0 33	979473.18 0.42 -21.18	7
AGM- 415	32 34.72	-113 24.57	520.0 43	979459.20 -0.06 -40.60	7
AGM- 416	32 31.40	-113 21.70	594.0 43	979458.19 -0.07 -32.69	7
AGM- 417	32 30.41	-113 23.35	580.0 43	979447.38 -0.08 -42.98	7
GRM- 418	32 28.64	-113 25.75	593.0 43	979443.87 -0.05 -43.28	7
GRM- 419	32 28.63	-113 28.43	662.0 41	979457.86 0.46 -24.65	7
AGM- 420	32 30.51	-113 28.63	566.0 43	979459.11 -0.03 -32.17	7
AGM- 421	32 32.26	-113 29.05	509.0 43	979458.59 -0.08 -38.53	7
MNW- 422	32 37.79	-113 38.40	730.0 13	979481.49 0.35 -9.59	7
MSE- 423	32 35.74	-113 36.22	716.0 33	979477.51 0.20 -11.76	7
MSE- 424	32 32.40	-113 34.99	935.0 23	979454.49 1.67 -15.69	7
MSE- 425	32 31.38	-113 33.12	719.0 33	979468.43 1.08 -13.82	7
MSE- 426	32 30.50	-113 31.07	653.0 33	979466.18 2.36 -17.52	7
MSE- 427	32 34.27	-113 34.73	767.0 23	979467.62 0.45 -16.35	7
AGM- 428	32 39.26	-113 23.18	780.0 11	979456.57 1.76 -32.14	7
AGD- 429	32 12.03	-113 2.00	1191.0 31	979377.28 1.59 -50.00	7
AGD- 430	32 7.80	-113 5.08	1102.0 43	979372.52 0.13 -55.78	7
AGD- 431	32 5.05	-113 5.04	1105.0 43	979375.03 0.28 -49.21	7
AGD- 432	32 1.56	-113 5.01	1210.0 31	979360.02 0.28 -53.24	7
AGD- 433	32 0.60	-113 5.54	1785.0 31	979321.10 5.05 -51.82	7
AGD- 434	32 1.82	-113 7.02	1456.0 21	979352.16 1.01 -46.06	7
AGD- 435	32 0.80	-113 9.40	1740.0 11	979333.05 2.33 -45.55	7
AGD- 436	32 0.71	-113 11.30	1683.0 31	979332.74 6.21 -45.25	7
AGD- 437	32 2.76	-113 9.26	1704.0 21	979341.33 1.64 -42.75	7
SCM- 438	32 16.10	-112 44.29	1784.0 41	979326.59 0.33 -72.13	7
AGD- 439	32 6.62	-113 7.79	1046.0 43	979376.13 0.13 -53.90	7
AGD- 440	32 5.96	-113 10.89	1079.0 43	979378.71 0.20 -48.39	7
AGD- 441	32 4.34	-113 10.90	1650.0 11	979341.21 2.43 -47.44	7
AGD- 442	32 2.63	-113 11.82	1711.0 21	979335.27 2.81 -47.05	7
AGD- 443	32 1.26	-113 13.77	1127.0 21	979371.65 0.52 -45.91	7
AGD- 444	32 4.19	-113 14.28	1120.0 31	979377.94 0.31 -44.22	7

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona  
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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft code	G R A V I T Y observed tc cba	BASE CODE
AGD- 445	32 6.81	-113 14.28	1047.0 33	979386.59 0.27 -43.50	7
AGD- 446	32 7.83	-113 11.36	1142.0 21	979376.11 0.98 -49.00	7
ONH- 447	32 13.55	-113 18.69	1143.0 21	979387.62 2.37 -43.80	7
ONH- 448	32 12.70	-113 21.34	847.0 43	979408.89 0.12 -41.26	7
ONH- 449	32 10.55	-113 19.46	829.0 43	979399.87 0.11 -48.45	7
ONH- 450	32 9.14	-113 18.23	859.0 43	979398.51 0.19 -46.03	7
ONH- 451	32 6.99	-113 18.02	962.0 21	979390.26 0.78 -44.63	7
ONH- 452	32 7.76	-113 17.79	970.0 11	979389.88 0.97 -45.39	7
ONH- 453	32 2.45	-113 15.14	933.0 41	979386.70 0.23 -44.31	7
ONH- 454	32 2.09	-113 19.18	753.0 41	979402.04 0.09 -39.35	7
ONH- 455	32 4.19	-113 18.36	883.0 31	979396.21 0.23 -40.14	7
AGD- 456	32 9.62	-113 6.65	1060.0 13	979374.08 0.15 -59.17	7
ONH- 457	32 4.20	-113 20.86	761.0 33	979407.45 0.07 -36.34	7
ONH- 458	32 6.69	-113 22.13	857.0 21	979400.33 0.75 -40.44	7
ONH- 459	32 4.73	-113 23.35	701.0 43	979410.93 0.00 -37.23	7
ONH- 460	32 4.28	-113 26.18	707.0 41	979398.43 0.03 -48.73	7
ONH- 461	32 5.62	-113 26.81	681.0 43	979401.40 0.07 -49.08	7
ONH- 462	32 6.37	-113 28.82	817.0 21	979392.42 0.27 -50.78	7
ONH- 463	32 7.40	-113 23.06	947.0 21	979397.42 1.39 -38.31	7
ONH- 464	32 7.19	-113 26.70	713.0 43	979403.68 0.02 -47.08	7
ONH- 465	32 10.07	-113 27.83	992.0 21	979396.75 1.65 -39.66	7
ONH- 466	32 9.89	-113 24.65	1070.0 31	979392.13 0.51 -40.53	7
ONH- 467	32 13.90	-113 24.40	1062.0 21	979400.00 0.42 -38.67	7
GRM- 468	32 26.14	-113 23.99	654.0 43	979439.66 0.11 -40.28	7
GRM- 469	32 24.66	-113 24.16	693.0 43	979438.43 0.15 -37.13	7
GRM- 470	32 22.94	-113 24.43	739.0 43	979437.78 0.16 -32.69	7
GRM- 471	32 21.02	-113 23.82	1015.0 21	979414.13 1.84 -35.60	7
GRM- 472	32 20.88	-113 25.88	781.0 43	979430.78 0.03 -34.51	7
GRM- 473	32 22.48	-113 26.96	893.0 31	979430.20 0.30 -30.33	7
GRM- 474	32 25.08	-113 26.95	807.0 31	979439.19 0.79 -29.52	7
GRM- 475	32 27.26	-113 26.97	643.0 13	979448.82 0.06 -33.35	7
ISP- 476	32 27.37	-113 30.30	742.0 43	979449.61 0.10 -26.78	7
ISP- 477	32 25.07	-113 30.03	874.0 33	979439.61 0.98 -24.90	7
ISP- 478	32 25.08	-113 33.07	720.0 33	979433.69 0.07 -40.92	7
MNW- 479	32 43.61	-113 38.57	370.0 13	979484.41 -0.13 -36.55	7
MNW- 480	32 39.22	-113 39.61	583.0 33	979496.54 0.31 -5.29	7
MNE- 481	32 39.05	-113 36.99	499.0 15	979485.13 -0.03 -21.81	7
MSW- 482	32 34.48	-113 38.81	1027.0 23	979455.02 1.83 -12.36	7
MSE- 483	32 30.52	-113 37.24	594.0 35	979451.45 0.03 -38.12	7
MSE- 484	32 35.30	-113 33.12	508.0 13	979476.57 -0.07 -24.75	7

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona  
 Data source: U.S. Geological Survey; Boler, Klein, and Long

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	code	G R A V I T Y observed	tc	cba	BASE CODE
AGM- 485	32 33.12	-113 26.98	500.0	43	979444.34	-0.11	-54.51	7
AGM- 486	32 38.85	-113 26.08	565.0	13	979476.80	-0.03	-25.94	7
AGM- 487	32 44.36	-113 25.84	610.0	13	979492.54	-0.07	-15.10	7
AGM- 488	32 44.32	-113 28.60	505.0	13	979497.62	-0.14	-16.29	7
AGD- 489	32 11.56	-113 11.33	940.0	13	979382.55	0.10	-60.54	7
AGD- 490	32 13.79	-113 14.27	872.0	33	979399.94	0.01	-50.31	7
ONH- 491	32 9.35	-113 20.97	790.0	13	979403.81	0.34	-44.97	7
ONH- 492	32 11.89	-113 23.40	928.0	23	979403.90	0.62	-39.83	7
ONH- 493	32 11.87	-113 27.48	1275.0	21	979384.12	1.45	-38.08	7
ONH- 494	32 13.99	-113 28.99	1201.0	21	979390.54	1.43	-38.97	7
GRM- 495	32 16.41	-113 17.39	862.0	13	979415.64	0.03	-38.75	7
ONH- 496	32 14.65	-113 27.00	906.0	33	979405.96	0.18	-43.26	7
GRM- 497	32 22.47	-113 18.98	1205.0	11	979417.02	2.23	-22.98	7
GRM- 498	32 22.26	-113 22.34	722.0	13	979433.43	0.04	-37.25	7
GRM- 499	32 18.69	-113 23.37	1045.0	11	979410.43	0.39	-35.80	7
GRM- 500	32 17.65	-113 25.74	825.0	41	979418.77	0.05	-39.49	7
GRM- 501	32 16.25	-113 24.54	851.0	41	979411.38	0.08	-43.39	7
GRM- 502	32 15.37	-113 29.75	1251.0	31	979388.36	2.68	-38.79	7
GRM- 503	32 17.27	-113 28.81	923.0	33	979406.64	0.13	-45.18	7
GRM- 504	32 19.87	-113 29.00	849.0	33	979423.90	0.12	-35.88	7
ISP- 505	32 21.87	-113 30.54	799.0	43	979423.90	0.04	-41.66	7
ISP- 506	32 25.08	-113 35.14	703.0	33	979431.36	0.04	-44.29	7
ISP- 507	32 25.85	-113 37.46	692.0	43	979438.69	0.02	-38.69	7
ISP- 508	32 23.05	-113 36.74	1028.0	31	979416.99	0.69	-35.88	7
ISP- 509	32 21.64	-113 34.54	925.0	13	979417.81	0.31	-39.66	7
ISP- 510	32 19.86	-113 34.11	976.0	31	979414.62	0.40	-37.30	7
ISP- 511	32 18.30	-113 33.16	1165.0	11	979397.61	1.45	-39.88	7
ISP- 512	32 29.54	-113 32.78	830.0	11	979452.32	1.16	-20.73	7
ISP- 513	32 25.10	-113 41.79	764.0	13	979431.93	0.15	-40.00	7
ISP- 514	32 23.40	-113 41.98	942.0	13	979419.49	0.23	-39.44	7
ISP- 515	32 19.37	-113 39.55	890.0	43	979403.23	0.64	-52.90	7
ISP- 516	32 19.76	-113 37.53	1050.0	11	979406.37	0.81	-40.60	7
ISP- 517	32 16.74	-113 32.14	1330.0	11	979383.49	1.72	-41.77	7
SIA- 518	32 12.77	-113 30.20	1162.0	21	979388.95	2.00	-40.65	7
SIA- 519	32 8.76	-113 31.23	910.0	21	979387.16	0.57	-53.44	7
SIA- 520	32 7.22	-113 30.35	946.0	21	979383.71	1.03	-52.20	7
SIA- 521	32 6.72	-113 33.88	780.0	43	979401.90	0.12	-44.13	7
SIA- 522	32 8.38	-113 39.25	998.0	43	979387.88	0.38	-47.15	7
GIL- 602	32 57.39	-112 44.06	698.0	24	979462.70	-0.16	-57.67	10
GIL- 603	32 58.24	-112 43.02	685.0	24	979459.74	-0.16	-62.57	10



## PRINCIPAL FACTS

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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	code	G R A V I T Y observed	tc	cba	BASE CODE
GIL- 604	32 59.12	-112 41.99	676.0	24	979458.15	-0.06	-65.82	10
GIL- 605	32 59.99	-112 42.11	644.0	24	979467.73	0.37	-58.90	10
GIL- 606	32 57.92	-112 41.30	737.0	44	979449.82	-0.16	-68.96	10
GIL- 607	32 59.09	-112 43.45	656.0	24	979465.45	0.07	-59.53	10
SMU- 608	32 58.27	-112 45.63	664.0	34	979464.14	-0.11	-59.42	10
SMU- 609	32 58.24	-112 48.30	687.0	24	979467.15	-0.17	-55.06	10
SMU- 610	32 58.22	-112 48.23	689.0	14	979466.87	-0.18	-55.20	10
SMU- 611	32 56.49	-112 48.17	709.0	44	979465.61	-0.19	-52.90	10
SMU- 612	32 55.95	-112 48.20	730.0	44	979464.97	-0.19	-51.55	10
SMU- 613	32 55.75	-112 49.20	728.0	44	979466.93	-0.19	-49.43	10
THB- 614	32 54.64	-112 57.53	720.0	44	979480.72	-0.18	-34.58	10
THB- 615	32 57.18	-112 57.65	699.0	44	979477.94	-0.19	-42.12	10
THB- 616	32 55.60	-112 58.84	720.0	14	979484.97	-0.17	-31.64	10
THB- 617	32 58.16	-112 58.99	678.0	44	979483.78	-0.15	-38.83	10
THB- 618	32 55.07	-112 54.29	718.0	44	979471.57	-0.18	-44.44	10
THB- 619	32 54.09	-112 55.27	723.0	24	979474.97	-0.18	-39.40	10
THB- 620	32 54.09	-112 56.31	724.0	24	979477.07	-0.17	-37.23	10
THB- 621	32 54.23	-112 53.61	737.0	24	979470.42	-0.18	-43.31	10
SMU- 622	32 54.95	-112 50.65	762.0	24	979467.74	-0.17	-45.48	10
THB- 623	32 59.85	-112 59.39	680.0	44	979488.40	0.20	-36.07	10
DEN- 624	33 1.39	-113 2.71	585.0	41	979493.60	-0.14	-38.98	10
THB- 625	32 58.95	-112 59.44	688.0	44	979486.89	-0.09	-36.15	10
THB- 626	32 57.43	-112 58.62	675.0	44	979481.42	-0.16	-40.38	10
THB- 627	32 56.42	-112 59.60	713.0	34	979485.79	-0.15	-32.35	10
SEN- 628	32 52.92	-113 5.87	725.0	33	979470.28	-0.14	-42.32	4
SEN- 629	32 53.68	-113 5.99	719.0	13	979471.43	-0.15	-42.59	4
SEN- 630	32 55.42	-113 5.81	690.0	13	979477.42	-0.16	-40.72	4
SEN- 631	32 54.58	-113 5.61	718.0	13	979473.78	-0.16	-41.54	4
SMU- 632	32 56.50	-112 49.24	707.0	34	979467.70	-0.20	-50.95	4
SMU- 633	32 56.47	-112 50.28	733.0	34	979466.57	-0.20	-50.49	4
SMU- 634	32 57.33	-112 51.23	720.0	14	979466.25	-0.20	-52.77	4
GIL- 635	32 56.60	-112 37.50	922.0	24	979435.85	-0.09	-70.02	4
BOS- 636	32 56.51	-112 36.79	969.0	24	979433.64	-0.08	-69.30	4
BOS- 637	32 55.85	-112 34.01	1126.0	44	979422.81	0.25	-69.54	4
SEN- 638	32 53.70	-113 11.75	681.0	43	979480.97	-0.16	-35.35	4
SEN- 639	32 54.69	-113 11.38	669.0	43	979485.18	-0.14	-33.19	4
SEN- 641	32 57.28	-113 10.31	653.0	43	979485.76	-0.15	-37.14	4
SEN- 642	32 59.10	-113 9.02	610.5	43	979490.99	-0.17	-36.95	4
SEN- 643	32 57.19	-113 6.76	623.5	43	979485.20	-0.13	-39.30	4
SEN- 644	32 51.90	-113 12.72	676.0	23	979476.21	-0.14	-37.91	4

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona  
 Data source: U.S. Geological Survey; Boler, Klein, and Long

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft code	G R A V I T Y observed tc cba	BASE CODE
SEN- 645	32 55.59	-113 12.16	622.5 23	979489.89 -0.16 -32.51	4
SEN- 646	32 57.62	-113 11.70	613.0 13	979489.49 -0.17 -36.27	4
SEN- 647	32 59.98	-113 11.47	561.0 43	979494.78 -0.10 -37.25	4
SEN- 648	32 56.08	-113 14.18	596.0 43	979493.49 -0.17 -31.17	4
SEN- 649	32 56.48	-113 14.20	589.6 43	979493.75 -0.18 -31.85	4
AGC- 650	32 58.19	-113 15.04	494.2 44	979503.71 -0.17 -29.91	4
AGC- 651	32 59.14	-113 15.23	457.0 25	979507.47 -0.17 -29.67	4
AGC- 652	32 57.86	-113 17.26	447.0 35	979507.11 -0.19 -28.89	4
AGC- 653	32 55.67	-113 15.96	570.0 15	979488.24 -0.17 -37.40	10
SEN- 654	32 55.35	-113 16.57	570.0 44	979486.66 -0.17 -38.54	10
AGC- 655	32 55.66	-113 18.04	543.0 34	979488.02 -0.12 -39.16	10
AGC- 656	32 57.42	-113 18.31	441.0 25	979504.55 -0.19 -31.20	10
AGC- 657	32 59.56	-113 20.18	485.0 14	979512.80 0.48 -22.60	10
AGC- 658	32 59.82	-113 20.37	489.0 34	979513.26 0.67 -22.07	10
HYD- 659	33 0.55	-113 21.85	527.0 34	979511.97 -0.01 -22.78	10
HYD- 660	33 0.93	-113 21.02	536.0 44	979514.87 0.24 -19.62	10
HYD- 661	33 0.92	-113 20.39	529.0 34	979512.17 0.01 -22.95	10
HYD- 662	33 1.87	-113 19.04	534.0 44	979503.97 -0.13 -32.30	10
HYD- 663	33 0.05	-113 18.31	478.0 24	979513.58 -0.08 -23.48	10
HYD- 664	33 0.55	-113 17.55	487.0 44	979509.70 -0.12 -27.54	10
SEN- 665	32 53.31	-113 4.27	768.0 43	979469.76 -0.13 -40.81	4
SEN- 666	32 54.49	-113 8.02	743.9 43	979472.58 -0.15 -41.07	10
SEN- 667	32 51.53	-113 12.73	695.0 13	979475.17 -0.14 -37.31	10
AGC- 668	32 58.31	-113 18.32	442.0 35	979510.41 -0.19 -26.50	12
AGC- 669	32 58.30	-113 20.38	445.0 15	979508.48 -0.18 -28.23	12
AGC- 670	32 59.18	-113 21.42	481.0 34	979511.57 -0.09 -24.12	12
AGC- 671	32 57.97	-113 21.69	449.0 44	979507.44 -0.18 -28.58	12
AGC- 672	32 57.46	-113 22.39	441.0 24	979508.64 -0.16 -27.13	12
AGC- 673	32 58.30	-113 21.42	453.0 34	979508.59 -0.17 -27.63	12
AGC- 674	32 59.19	-113 19.41	453.0 44	979514.41 0.36 -22.50	12
AGC- 675	32 59.42	-113 18.28	467.0 35	979517.77 -0.15 -19.14	12
AGC- 676	32 58.74	-113 17.27	447.0 35	979514.12 -0.19 -23.09	12
TEX- 678	32 46.37	-113 38.70	393.0 15	979493.53 -0.15 -29.87	3
TEX- 679	32 47.77	-113 39.63	401.0 25	979496.30 -0.15 -28.55	3
TEX- 680	32 46.90	-113 41.70	385.0 25	979495.87 -0.11 -28.69	3
TEX- 681	32 46.90	-113 42.75	369.0 25	979497.61 -0.11 -27.91	3
TEX- 682	32 47.77	-113 41.69	388.0 25	979495.79 -0.11 -29.79	3
TEX- 683	32 47.77	-113 40.65	393.0 25	979494.72 -0.15 -30.60	3
DAT- 684	32 48.65	-113 35.51	419.0 35	979499.18 -0.16 -25.81	3
DAT- 685	32 50.40	-113 33.45	435.0 35	979499.29 -0.14 -27.13	3

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona  
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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	code	G R A V I T Y observed	tc	cba	BASE CODE
DAT- 686	32 49.54	-113 36.55	416.0	35	979499.07	-0.15	-27.31	3
DAT- 687	32 49.54	-113 34.47	429.0	35	979500.05	-0.15	-25.56	3
DAT- 688	32 49.53	-113 32.41	436.0	35	979502.53	-0.17	-22.66	3
DAT- 689	32 49.55	-113 31.57	437.0	35	979502.33	-0.17	-22.83	3
DAT- 690	32 49.54	-113 30.37	448.0	35	979500.84	-0.16	-23.64	3
AGC- 691	32 56.33	-113 22.14	421.0	15	979503.15	-0.19	-32.29	12
ASE- 692	32 51.31	-113 19.05	532.0	35	979479.56	-0.17	-42.36	10
ASE- 693	32 52.16	-113 19.07	528.0	35	979481.23	-0.18	-42.10	10
ASE- 694	32 52.16	-113 21.11	486.0	35	979482.61	-0.17	-43.22	10
AGC- 695	32 53.05	-113 20.06	505.0	35	979486.70	-0.18	-39.22	10
AGC- 696	32 54.17	-113 20.41	491.0	34	979487.73	-0.19	-40.57	10
AGC- 697	32 55.24	-113 21.10	490.0	34	979492.09	-0.18	-37.73	10
AGC- 698	32 55.77	-113 22.02	425.0	15	979500.76	-0.18	-33.67	10
AGC- 699	32 56.11	-113 21.53	428.0	35	979500.28	-0.18	-34.43	10
RBM- 700	32 46.27	-114 0.18	285.0	41	979502.41	0.04	-27.09	6
RBM- 701	32 48.56	-114 2.27	478.0	41	979490.53	0.01	-30.65	6
RBM- 702	32 48.59	-114 0.27	502.0	31	979485.36	0.03	-34.41	6
ROL- 703	32 52.00	-113 59.37	684.0	31	979485.12	0.17	-28.36	6
ROL- 704	32 52.09	-113 55.44	575.1	41	979492.24	0.03	-27.98	6
ROL- 705	32 49.31	-113 55.52	406.2	41	979493.56	-0.07	-33.00	6
ROL- 706	32 47.27	-113 57.45	319.1	41	979497.34	-0.04	-31.58	6
ROL- 707	32 48.61	-113 53.03	329.0	31	979502.18	-0.10	-28.05	6
ROL- 708	32 49.47	-113 58.22	495.0	31	979485.52	0.00	-35.90	6
ROL- 709	32 50.38	-113 51.99	385.0	31	979499.37	-0.09	-29.95	6
ROL- 710	32 50.38	-113 48.89	365.0	31	979494.95	-0.12	-35.58	6
ROL- 711	32 51.24	-113 46.80	373.0	31	979483.43	-0.13	-47.82	6
ROL- 712	32 54.29	-113 47.50	462.0	31	979478.72	-0.10	-51.39	6
KOF- 713	32 53.49	-113 41.19	421.0	34	979490.56	-0.13	-40.92	6
KOF- 714	32 55.66	-113 41.74	543.0	44	979483.39	0.01	-43.67	6
KOF- 715	32 55.27	-113 38.17	492.0	14	979485.40	-0.10	-44.27	6
RBM- 716	32 51.96	-114 1.87	766.0	31	979478.04	0.15	-30.51	6
TAC- 717	32 41.78	-113 57.43	347.5	41	979482.58	-0.09	-37.18	6
ROL- 718	32 54.59	-113 56.20	726.0	41	979480.89	0.25	-33.56	6
ROL- 719	32 56.88	-113 55.91	749.0	41	979470.63	0.22	-45.62	6
ROL- 720	32 59.19	-113 55.44	794.0	31	979478.32	0.17	-38.48	6
ENP- 721	33 0.90	-113 56.45	847.4	41	979470.85	0.46	-44.83	6
ENP- 722	33 3.51	-113 57.49	980.0	41	979451.62	0.37	-59.85	6
ENP- 723	33 1.77	-113 54.37	762.0	11	979464.91	0.12	-57.39	6
ROL- 724	32 57.45	-113 52.33	609.0	41	979476.26	0.01	-49.33	6
ROL- 725	32 54.73	-113 51.99	557.0	31	979478.91	-0.02	-46.06	6

## PRINCIPAL FACTS

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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	code	G R A V I T Y observed	tc	cba	BASE CODE
ROL- 726	32 52.12	-113 50.94	444.0	31	979488.94	-0.08	-39.24	6
ROL- 727	32 52.98	-113 53.03	540.0	31	979484.09	-0.01	-39.48	6
ROL- 728	32 57.42	-113 49.20	547.0	31	979469.33	-0.05	-59.97	6
ENP- 729	33 1.79	-113 51.27	686.0	31	979461.08	0.05	-65.85	6
ENP- 730	33 1.78	-113 48.15	681.8	41	979478.51	0.05	-48.66	6
PAM- 731	33 2.36	-113 44.46	678.0	31	979477.51	0.63	-50.10	6
RBM- 732	32 54.63	-114 0.18	1560.0	31	979423.20	5.55	-36.31	14
ROL- 733	32 56.35	-113 59.58	1513.0	31	979420.68	5.30	-44.25	14
RBM- 734	32 57.53	-114 2.70	1572.0	31	979420.71	2.13	-45.49	14
RBM- 735	32 59.18	-114 0.28	2434.0	31	979356.69	16.48	-46.04	14
CDM- 736	33 1.09	-114 1.41	2584.0	31	979357.07	7.99	-47.83	14
ENP- 737	33 1.65	-113 59.03	1559.0	31	979439.80	3.67	-31.31	14
ROL- 738	32 58.92	-113 58.08	1026.0	31	979460.89	0.45	-41.44	14
ROL- 739	32 53.75	-113 58.71	1094.0	31	979459.45	1.17	-31.00	14
KOF- 740	32 54.78	-113 43.78	450.0	34	979481.51	-0.11	-50.00	14
KOF- 741	32 56.54	-113 43.79	513.0	44	979475.83	-0.08	-54.32	14
PAM- 742	33 0.52	-113 41.21	1206.0	31	979447.25	3.71	-43.30	14
PAM- 743	33 0.23	-113 37.32	861.0	31	979477.33	0.75	-36.33	14
KOF- 744	32 58.30	-113 37.81	701.0	34	979487.98	0.12	-33.18	14
KOF- 745	32 56.55	-113 37.81	566.0	44	979484.56	-0.06	-42.42	14
KOF- 746	32 56.54	-113 39.89	554.0	44	979484.92	-0.07	-42.77	14
ROL- 747	32 53.03	-113 45.80	410.0	31	979482.48	-0.12	-49.01	14
TAC- 748	32 38.11	-113 57.12	511.0	34	979473.16	-0.04	-31.79	13
MOH- 749	32 38.12	-113 48.22	421.0	44	979474.57	-0.06	-35.78	13
MOH- 750	32 38.13	-113 50.93	441.0	34	979476.20	-0.09	-33.00	13
MOE- 751	32 35.52	-113 50.91	525.0	44	979465.71	-0.05	-34.88	13
MOW- 752	32 35.51	-113 54.00	571.0	43	979468.39	-0.01	-29.41	13
MOW- 753	32 35.49	-113 57.10	627.0	43	979462.94	0.03	-31.46	13
TAC- 754	32 37.83	-113 53.46	474.0	44	979471.87	-0.06	-34.93	13
MOE- 755	32 36.83	-113 46.88	447.0	44	979469.55	0.03	-37.40	13
MOE- 756	32 35.45	-113 45.62	476.0	44	979463.20	0.01	-40.15	13
MSW- 757	32 33.45	-113 43.60	527.0	43	979455.65	0.13	-41.81	13
MOE- 758	32 33.13	-113 46.43	545.0	34	979462.08	-0.03	-34.03	13
MOE- 759	32 33.13	-113 50.54	604.0	34	979456.14	-0.01	-36.44	13
MOW- 760	32 33.12	-113 53.58	654.0	33	979456.14	0.04	-33.40	13
MOW- 761	32 30.48	-113 56.65	888.0	43	979433.35	0.39	-38.29	13
MSW- 762	32 32.26	-113 42.34	553.0	33	979450.12	0.06	-44.24	13
MNW- 763	32 43.61	-113 42.71	433.0	33	979508.84	0.06	-8.18	13
MNW- 764	32 40.99	-113 40.63	537.0	33	979501.78	0.17	-5.35	13
MNW- 765	32 41.85	-113 42.69	644.0	33	979499.18	1.40	-1.53	13

## PRINCIPAL FACTS

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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	code	G R A V I T Y observed	tc	cba	BASE CODE
MNW- 766	32 38.35	-113 41.67	648.0	33	979490.26	2.48	-4.35	13
MSW- 767	32 36.86	-113 42.39	498.0	43	979480.11	0.70	-23.17	13
MOH- 768	32 41.65	-113 45.80	491.0	34	979505.85	0.05	-5.05	13
MOH- 769	32 41.65	-113 47.89	464.0	34	979490.69	-0.08	-21.95	13
MSW- 770	32 30.51	-113 43.37	601.0	33	979448.38	0.00	-40.79	13
MOE- 771	32 30.51	-113 45.41	615.0	34	979446.25	-0.01	-42.10	13
MOE- 772	32 30.52	-113 48.50	654.0	14	979441.83	0.01	-44.19	13
MOE- 773	32 30.51	-113 51.55	701.0	34	979441.29	0.06	-41.87	13
CPP- 774	32 28.59	-113 51.53	785.0	31	979433.49	0.10	-42.00	13
CPP- 775	32 25.11	-113 51.50	978.0	31	979419.23	0.43	-39.69	13
CPP- 776	32 25.11	-113 48.45	887.0	31	979425.95	0.46	-38.36	13
CPP- 777	32 25.10	-113 46.40	812.0	31	979432.29	1.11	-35.83	13
CPP- 778	32 24.23	-113 45.37	843.0	31	979427.95	1.21	-37.03	13
WSE- 779	32 36.92	-114 0.53	524.0	43	979482.09	0.08	-20.34	13
WSE- 780	32 31.68	-114 1.40	926.0	33	979440.74	1.21	-29.46	13
WSE- 781	32 30.68	-114 0.34	2805.0	33	979301.22	22.93	-33.87	13
CPP- 782	32 29.44	-113 57.20	976.0	41	979428.97	1.04	-35.37	13
CPP- 783	32 27.80	-113 54.50	1061.0	31	979417.02	1.11	-39.94	13
CPP- 784	32 25.74	-113 53.05	1005.0	31	979418.82	0.27	-39.51	13
CPP- 785	32 22.50	-113 51.49	1180.0	31	979401.39	2.00	-40.37	13
CPP- 786	32 20.52	-113 50.01	2553.0	31	979298.31	10.61	-50.29	13
CPP- 787	32 20.27	-113 47.29	1758.0	31	979347.50	4.24	-54.54	13
TIA- 788	32 29.42	-114 1.82	854.0	41	979435.07	0.67	-36.87	13
CPP- 789	32 27.27	-113 59.71	970.0	41	979422.45	0.83	-39.49	13
CPP- 790	32 26.81	-113 57.64	973.0	41	979422.21	0.84	-38.92	13
CPP- 791	32 25.11	-113 55.61	976.0	31	979416.78	0.57	-42.12	13
CPP- 792	32 26.96	-113 49.48	832.0	11	979433.03	0.15	-37.39	13
CPP- 793	32 23.48	-113 47.94	1563.0	31	979373.06	6.05	-43.16	13
CPP- 794	32 21.65	-113 45.33	896.0	31	979408.71	2.53	-48.28	13
CPP- 795	32 26.86	-113 45.35	736.0	31	979438.27	0.19	-37.69	13
CPP- 796	32 28.58	-113 45.36	677.0	31	979440.84	0.07	-41.10	13
ISP- 797	32 29.11	-113 40.66	638.0	41	979440.51	0.06	-44.49	13
ISP- 798	32 27.40	-113 40.51	690.0	41	979441.42	0.04	-38.17	13
ISP- 799	32 27.32	-113 42.33	688.0	41	979445.62	0.14	-33.88	13
CPP- 800	32 22.92	-113 56.85	1015.0	41	979403.36	0.43	-50.37	13
CPP- 801	32 22.95	-113 53.63	2629.0	41	979296.81	16.71	-44.46	13
CPP- 802	32 19.13	-113 48.62	1778.0	31	979346.22	1.83	-55.49	13
CPP- 803	32 16.80	-113 47.89	1650.0	11	979349.74	1.88	-56.37	13
CPP- 804	32 16.37	-113 45.13	1729.0	31	979342.11	1.95	-58.64	13
ISP- 805	32 16.19	-113 42.51	1740.0	31	979340.78	5.27	-55.75	13

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona  
 Data source: U.S. Geological Survey; Boler, Klein, and Long

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	code	G R A V I T Y observed	tc	cba	BASE CODE
ISP- 806	32 16.61	-113 38.43	926.0	41	979397.87	0.33	-52.68	13
ISP- 807	32 17.65	-113 40.01	917.0	41	979400.01	0.48	-52.34	13
CPP- 808	32 19.03	-113 45.35	1101.0	31	979394.67	0.81	-48.26	13
ISP- 809	32 18.48	-113 42.74	1160.0	31	979385.73	0.34	-53.41	13
SIA- 810	32 14.62	-113 12.52	1083.0	41	979391.10	1.93	-45.79	13
SIA- 811	32 14.65	-113 9.23	971.0	31	979398.63	0.24	-46.66	13
SIA- 812	32 14.58	-113 6.41	887.0	33	979399.32	0.63	-50.49	13
SIA- 813	32 12.05	-113 3.55	815.0	33	979396.75	3.22	-51.33	13
SIA- 814	32 9.43	-113 7.49	902.0	13	979390.80	0.49	-51.27	13
SIA- 815	32 11.17	-113 9.24	975.0	33	979392.09	0.07	-48.41	13
SIA- 816	32 12.13	-113 10.95	1278.0	21	979375.16	5.00	-43.66	13
SIA- 817	32 11.37	-113 13.01	1165.0	41	979384.65	3.40	-41.47	13
CPP- 818	32 15.20	-113 49.12	1277.0	31	979376.38	1.11	-50.56	13
CPP- 819	32 15.29	-113 46.45	1759.0	31	979339.23	2.67	-57.54	13
TUM- 820	32 13.21	-113 46.60	1200.0	13	979379.35	0.86	-49.72	13
TUM- 821	32 12.05	-113 45.37	1216.0	33	979379.53	1.37	-46.50	13
TUM- 822	32 11.58	-113 47.09	1242.0	21	979375.91	0.55	-48.75	13
TUM- 823	32 12.77	-113 49.55	1937.0	21	979321.07	7.32	-57.02	13
TUM- 824	32 14.83	-113 51.13	1238.0	43	979378.32	1.30	-50.25	13
CPP- 825	32 15.92	-113 54.80	1147.0	43	979380.17	0.36	-56.24	13
TEX- 826	32 46.02	-113 40.67	354.0	35	979495.62	-0.14	-29.61	13
MOH- 827	32 39.88	-113 46.83	495.0	34	979476.02	-0.04	-32.30	13
MOH- 828	32 39.89	-113 51.98	394.0	24	979479.16	-0.10	-35.25	13
MOW- 829	32 34.52	-113 58.09	861.0	23	979454.32	0.71	-24.13	13
CPP- 830	32 20.77	-113 57.63	1036.0	33	979394.91	0.27	-54.80	13
CPP- 831	32 19.06	-113 57.65	1056.0	33	979389.88	0.28	-56.30	13
CPP- 832	32 17.61	-113 59.48	1048.0	43	979397.22	0.32	-47.43	13
TUM- 833	32 14.67	-113 57.63	1098.0	33	979392.58	0.65	-44.77	13
TUM- 834	32 14.44	-113 52.39	1324.0	11	979369.84	1.15	-53.22	13
TUM- 835	32 12.93	-113 51.50	1199.0	31	979377.79	0.41	-51.41	13
CPP- 836	32 16.92	-113 53.08	1239.0	31	979380.93	0.97	-50.75	13
CPP- 837	32 19.91	-113 55.60	1201.0	31	979387.73	0.45	-50.80	13
CPP- 838	32 19.99	-113 59.40	980.0	13	979400.12	0.25	-51.89	13
TIA- 839	32 18.65	-114 2.66	1170.0	21	979403.88	1.71	-33.52	13
SEN- 840	32 53.05	-113 8.47	1027.0	33	979445.80	0.91	-47.95	3
SEN- 841	32 55.81	-113 7.59	843.0	33	979466.47	0.16	-42.78	3
SEN- 842	32 58.18	-113 7.98	653.0	33	979485.38	-0.13	-38.73	3
SEN- 843	32 57.20	-113 0.82	843.0	33	979481.82	-0.02	-29.52	3
SEN- 844	32 55.10	-113 0.82	863.0	33	979479.02	0.04	-28.18	3
SEN- 845	32 54.74	-113 3.52	803.0	33	979476.86	-0.09	-33.55	3

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona  
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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	code	G R A V I T Y observed	tc	cba	BASE CODE
SEN- 846	32 49.60	-113 14.55	675.0	13	979471.68	-0.10	-39.31	3
ASE- 847	32 49.52	-113 16.99	610.0	35	979475.35	-0.15	-39.44	3
ASE- 848	32 47.78	-113 16.99	623.0	35	979475.41	-0.14	-36.21	3
ASE- 849	32 47.77	-113 19.04	587.0	35	979481.60	-0.15	-32.16	3
ASE- 850	32 46.36	-113 15.58	613.0	45	979477.02	-0.15	-33.26	3
ASE- 851	32 49.52	-113 15.43	651.0	35	979473.17	-0.13	-39.16	3
AJO- 852	32 17.68	-112 55.86	1764.0	31	979349.14	0.43	-52.82	1
AJO- 853	32 15.94	-112 55.88	1684.0	13	979344.15	0.46	-60.19	1
KIP- 854	32 14.64	-112 57.92	1801.0	31	979336.08	0.51	-59.47	1
KIP- 855	32 12.91	-112 55.88	1658.0	21	979344.14	1.33	-56.76	1
KIP- 856	32 8.57	-112 58.79	1290.0	41	979364.85	0.77	-52.65	1
AGD- 857	32 11.32	-113 3.13	1123.0	43	979378.90	0.38	-52.68	1
AGD- 858	32 9.41	-113 5.09	1102.0	33	979370.65	0.16	-59.81	1
AGD- 859	32 8.78	-113 2.41	1177.0	43	979369.73	0.22	-55.34	1
AGD- 860	32 7.65	-113 2.01	1188.0	33	979365.92	0.24	-56.94	1
AGD- 861	32 7.62	-113 0.56	1231.0	43	979364.32	0.64	-55.54	1
AGD- 862	32 4.18	-113 2.02	1224.0	33	979360.61	0.70	-54.94	1
AGD- 863	32 2.63	-113 4.20	1154.0	43	979360.81	0.22	-57.29	1
AGD- 864	32 1.15	-113 3.15	1206.0	43	979355.62	0.31	-57.30	1
KIP- 865	32 4.23	-112 58.93	1370.0	21	979345.08	0.98	-61.56	1
KIP- 866	32 4.22	-112 56.88	1554.0	21	979336.23	0.72	-59.69	1
KIP- 867	32 2.64	-112 58.17	2447.0	21	979269.00	6.55	-65.70	1
KIP- 868	32 2.06	-112 59.71	2326.0	31	979277.77	5.02	-64.89	1
QUI- 869	31 59.94	-113 4.21	1370.0	31	979346.91	0.79	-54.11	1
QUI- 870	31 58.55	-113 2.46	1313.0	21	979346.58	0.68	-56.07	1
LUK- 871	31 59.88	-112 55.67	1630.0	31	979325.00	0.46	-60.78	1
LUK- 872	31 58.13	-112 56.36	1450.0	31	979328.31	0.32	-65.96	1
LUK- 873	31 57.11	-112 54.03	1521.0	21	979325.47	0.33	-63.19	1
LUK- 874	31 58.89	-112 52.81	2281.0	31	979279.10	5.76	-61.22	1
KIP- 875	32 0.66	-112 52.16	2736.0	21	979239.85	10.36	-71.12	1
KIP- 876	32 7.10	-112 52.41	1502.0	43	979334.05	0.27	-69.33	1
KIP- 877	32 5.47	-112 51.67	1556.0	41	979328.08	0.28	-69.86	1
KIP- 878	32 3.36	-112 54.00	1636.0	41	979328.38	0.46	-61.75	1
KIP- 879	32 2.71	-112 55.62	1585.0	41	979335.18	0.40	-57.17	1
KIP- 880	32 4.21	-112 51.78	1616.0	31	979325.52	0.32	-67.09	1
KIP- 881	32 9.24	-112 53.32	1457.0	43	979338.80	0.26	-70.17	1
KIP- 882	32 9.23	-112 51.81	1521.0	43	979331.18	0.26	-73.96	1
KIP- 883	32 8.95	-112 49.24	1640.0	41	979323.69	0.27	-73.97	1
MTA- 884	32 12.03	-112 43.47	2490.0	11	979278.27	3.74	-69.41	1
MTA- 885	32 10.29	-112 43.62	1913.0	31	979313.13	0.51	-69.83	1

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona  
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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	code	G R A V I T Y observed	tc	cba	BASE CODE
MTA- 886	32 6.68	-112 40.24	3630.0	31	979194.56	12.70	-68.87	1
MTA- 887	32 5.58	-112 42.27	4157.0	31	979157.68	20.74	-64.74	1
MTA- 888	32 1.31	-112 44.69	2832.0	31	979243.43	4.05	-69.01	1
MTA- 889	32 3.31	-112 41.97	3844.0	31	979178.56	11.83	-68.39	1
MTA- 890	32 3.35	-112 39.26	2940.0	21	979236.60	7.14	-69.06	1
DIP- 891	31 59.72	-112 41.01	2626.0	31	979257.54	3.30	-65.79	1
DIP- 892	31 58.23	-112 42.27	2042.0	31	979294.18	0.85	-64.41	1
DIP- 893	31 57.63	-112 38.61	2974.0	21	979228.23	6.26	-68.54	1
DIP- 894	31 59.47	-112 37.86	3260.0	31	979204.64	10.23	-73.58	1
DIP- 895	31 56.16	-112 38.23	3074.0	21	979217.74	9.84	-67.49	1
DIP- 896	31 55.13	-112 38.86	1816.0	41	979305.65	0.84	-62.23	1
DIP- 897	31 54.20	-112 37.17	2046.0	41	979290.42	0.85	-62.48	1
DIP- 898	31 52.84	-112 38.17	1972.0	31	979293.87	2.33	-60.13	1
DIP- 899	31 49.73	-112 37.56	2481.0	11	979255.92	6.76	-59.09	1
DIP- 900	31 50.29	-112 40.86	1499.0	31	979317.50	0.31	-63.27	1
KIP- 901	32 1.70	-112 46.56	1856.0	41	979304.11	0.70	-70.42	1
KIP- 902	32 0.05	-112 46.50	1845.0	41	979306.03	0.56	-67.06	1
KIP- 903	32 2.43	-112 49.68	1668.0	31	979316.65	0.50	-70.27	1
KIP- 904	32 4.21	-112 49.67	1675.0	31	979316.26	0.35	-72.81	1
KIP- 905	32 5.90	-112 49.56	1680.0	11	979314.10	0.35	-76.96	1
DIP- 906	31 57.45	-112 41.27	2091.0	21	979291.00	1.64	-62.82	1
DIP- 907	31 54.09	-112 40.25	1671.0	31	979308.51	0.40	-67.05	1
DIP- 908	31 53.11	-112 41.71	1572.0	31	979315.46	0.34	-64.74	1
DIP- 909	31 51.07	-112 43.20	1442.0	41	979322.10	0.24	-63.19	1
DIP- 910	31 52.85	-112 43.56	1508.0	31	979318.83	0.23	-64.94	1
LUK- 911	31 52.87	-112 45.62	1450.0	31	979322.73	0.22	-64.53	1
LUK- 912	31 53.72	-112 47.64	1461.0	31	979320.41	0.30	-67.27	1
DIP- 913	31 55.24	-112 43.77	1658.0	31	979308.33	0.39	-69.57	1
DIP- 914	31 57.12	-112 43.51	1798.0	11	979305.27	0.48	-66.73	1
KIP- 915	32 11.26	-112 52.18	1493.0	43	979335.87	0.24	-73.72	1
KIP- 916	32 11.16	-112 47.71	1701.0	31	979320.57	0.31	-76.41	1
KIP- 917	32 12.03	-112 49.73	1588.0	31	979326.35	0.21	-78.65	1
KIP- 918	32 12.90	-112 47.71	1668.0	31	979326.60	0.27	-74.75	1
KIP- 919	32 14.64	-112 47.70	1675.0	31	979328.35	0.25	-74.97	1
KIP- 920	32 14.63	-112 49.74	1593.0	33	979335.21	0.21	-73.02	1
AJO- 921	32 16.37	-112 49.75	1678.0	21	979335.31	0.27	-70.16	1
KIP- 922	32 8.79	-112 47.63	1722.0	41	979322.67	0.31	-69.84	1
KIP- 923	32 6.10	-112 45.17	1984.0	31	979309.55	0.67	-63.34	1
MTA- 924	32 6.33	-112 43.40	2203.0	11	979298.06	1.67	-61.08	1
AJO- 925	32 19.13	-112 49.45	1901.0	21	979321.43	1.69	-73.08	1



## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona  
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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft code	G R A V I T Y observed tc cba	BASE CODE
AJO- 926	32 18.12	-112 47.69	1656.0 23	979332.51 0.29 -76.63	1
AGD- 927	32 11.31	-113 0.23	1401.0 21	979360.26 0.72 -54.40	1
KIP- 928	32 11.52	-112 58.09	2599.0 21	979271.48 13.85 -58.89	1
KIP- 929	32 7.93	-112 56.48	2148.0 21	979297.85 5.97 -62.44	1
KIP- 930	32 6.97	-112 54.31	2253.0 21	979285.10 6.36 -67.23	1
KIP- 931	32 5.80	-112 53.34	2103.0 21	979292.96 5.55 -67.54	1
KIP- 932	32 5.42	-112 56.57	3012.0 31	979227.47 20.40 -63.44	1
KIP- 933	32 5.85	-112 58.33	2845.0 21	979242.90 12.32 -66.64	1
KIP- 934	32 6.58	-112 59.86	1853.0 31	979315.22 4.26 -62.54	1
KIP- 935	32 6.83	-112 56.33	2918.0 31	979235.80 17.96 -65.07	1
QUI- 936	31 58.94	-113 5.03	1080.0 21	979364.33 0.25 -53.16	1
QUI- 937	31 58.58	-113 8.10	1098.0 31	979359.63 0.21 -56.34	1
QUI- 938	31 58.92	-113 9.29	1211.0 31	979357.70 0.61 -51.60	1
QUI- 939	31 59.73	-113 11.81	1094.0 31	979371.62 0.57 -45.79	1
QUI- 940	31 57.46	-113 4.40	1015.0 31	979364.42 0.18 -55.01	1
AGD- 941	32 6.17	-113 4.17	1116.0 13	979373.31 0.25 -51.82	1
AGC-1700	32 56.55	-113 20.07	431.0 34	979500.20 -0.19 -34.95	10
AGC-1701	32 56.55	-113 19.07	436.0 35	979499.07 -0.19 -35.78	10
ASE-1702	32 51.72	-113 16.98	584.0 15	979478.29 -0.16 -41.09	10
LUK-1704	31 56.98	-112 47.87	1661.0 41	979314.75 0.37 -65.35	11
LUK-1705	31 58.13	-112 46.56	1722.0 41	979317.18 0.63 -60.57	11
LUK-1706	31 59.48	-112 45.03	1996.0 31	979297.68 0.80 -65.39	11
MTA-1707	32 1.73	-112 43.63	2410.0 11	979275.37 1.70 -65.16	11
MTA-1708	32 0.92	-112 42.69	2358.0 11	979279.49 3.47 -61.27	11
MTA-1709	32 0.19	-112 42.42	2185.0 11	979287.49 5.09 -60.98	11
LUK-1710	31 57.63	-112 47.35	1677.0 41	979316.88 0.37 -63.14	11
AJO-1711	32 21.34	-112 49.53	1714.0 41	979339.79 0.34 -70.23	1
SCM-1712	32 15.22	-112 44.63	1783.0 41	979327.85 0.31 -69.76	9
KIP-1713	32 9.96	-112 45.76	1823.0 41	979313.99 0.34 -74.06	9
LUK-1714	31 53.49	-112 49.14	1434.0 41	979324.69 0.25 -64.34	9
LUK-1715	31 55.47	-112 57.53	1193.0 41	979347.63 0.21 -58.47	9
QUI-1716	31 56.54	-113 0.69	1128.7 41	979354.40 0.17 -57.02	9
QUI-1717	31 59.72	-113 1.32	1304.0 41	979350.85 0.42 -54.18	9
AGD-1718	32 0.29	-113 1.79	1259.0 43	979354.76 0.84 -53.30	9
AGD-1719	32 1.07	-113 1.77	1266.0 43	979353.15 0.90 -55.49	9
AGD-1720	32 1.82	-113 1.47	1271.0 43	979352.98 0.98 -56.29	9
AGD-1721	32 2.65	-113 1.29	1247.0 43	979353.40 1.28 -58.13	9
AGD-1722	32 3.57	-113 0.92	1272.0 43	979351.88 0.80 -59.88	9
AGD-1723	32 4.39	-113 0.82	1275.0 43	979352.72 0.46 -60.32	9
AGD-1724	32 5.99	-113 1.20	1199.0 43	979359.71 0.75 -59.73	9

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona  
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STATION	LATITUDE		LONGITUDE		ELEVATION		G R A V I T Y			BASE
	deg	min	deg	min	ft	code	observed	tc	cba	CODE
AGD-1726	32	9.64	-113	0.82	1211.0	43	979372.86	0.33	-51.24	9
KIP-1727	32	10.92	-112	55.58	1487.0	41	979349.49	1.24	-58.99	9
AJO-1728	32	20.25	-112	50.99	1800.0	41	979347.01	0.52	-56.22	9
AJO-1729	32	19.67	-112	51.53	1848.0	41	979344.86	1.07	-54.17	9
KIP-1731	32	13.66	-112	53.35	1543.0	43	979343.68	0.25	-66.17	9
KIP-1732	32	12.17	-112	54.24	1485.0	43	979346.86	0.34	-64.34	9
KIP-1733	32	10.30	-112	56.89	1363.0	41	979362.24	0.61	-53.42	9
KIP-1734	32	9.82	-112	59.64	1242.0	41	979371.19	0.56	-51.08	9
AGD-1735	32	9.27	-113	1.62	1198.0	43	979372.23	0.24	-52.23	9
AGD-1736	32	9.39	-113	3.02	1156.0	43	979369.23	0.20	-57.94	9
AGD-1737	32	8.15	-113	4.25	1126.0	43	979370.90	0.16	-56.42	9
LUK-1738	31	57.79	-112	48.05	1707.0	31	979315.16	0.41	-63.25	11
KIP-1739	32	3.60	-112	47.18	1839.0	41	979306.95	0.55	-71.31	11
KIP-1740	32	6.12	-112	46.16	1924.3	41	979306.26	0.53	-70.35	11
KIP-1741	32	7.73	-112	46.00	1823.0	41	979312.76	0.43	-72.18	11
LUK-1742	31	58.96	-112	49.67	1864.0	31	979307.18	0.48	-63.38	11
KIP-1743	32	1.68	-112	50.07	1697.0	11	979314.94	0.65	-69.09	11
KIP-1744	32	1.82	-112	53.38	1809.0	31	979314.10	0.86	-63.23	11
KIP-1745	32	1.38	-112	57.50	1433.0	41	979342.45	0.79	-56.76	11
LUK-1746	31	59.83	-112	58.82	1315.0	41	979343.36	0.30	-61.28	11
LUK-1747	31	59.15	-112	59.58	1258.0	41	979347.57	0.26	-59.59	11
QUI-1748	31	58.02	-113	0.70	1190.0	41	979351.63	0.21	-58.10	11
QUI-1749	31	58.80	-113	0.95	1247.0	41	979351.44	0.31	-55.85	11
LUK-1750	31	54.39	-112	54.13	1298.0	41	979344.58	0.26	-53.76	11
LUK-1751	31	55.06	-112	52.77	1390.0	31	979327.40	0.26	-66.36	11
LUK-1752	31	57.19	-112	51.43	1677.0	31	979316.23	0.55	-63.01	11
LUK-1753	31	55.84	-112	52.80	1468.0	11	979327.23	0.29	-62.90	11
KIP-1754	32	12.67	-112	45.46	1751.0	41	979327.83	0.40	-68.13	11
PAP- 1	32	22.35	-111	32.41	2413.0	41	979275.11	0.20	-94.74	15
PAP- 2	32	21.75	-111	31.79	2371.0	41	979275.35	0.18	-96.21	15
PAP- 3	32	21.12	-111	31.24	2426.0	41	979271.17	0.19	-96.24	15
PAP- 4	32	20.38	-111	30.84	2425.0	41	979270.52	0.18	-95.95	15
PAP- 5	32	19.63	-111	30.21	2353.0	41	979279.62	0.27	-90.04	15
PAP- 6	32	18.98	-111	29.77	2327.0	41	979280.11	0.15	-90.33	15
PAP- 7	32	19.92	-111	28.37	2447.0	41	979275.45	0.76	-88.50	15
PAP- 8	32	20.33	-111	27.88	2490.0	41	979273.52	0.90	-88.28	15
PAP- 9	32	20.85	-111	27.06	2428.0	41	979278.76	0.55	-87.81	15
PAP- 10	32	21.60	-111	26.60	2310.0	41	979287.92	0.16	-87.09	15
PAP- 11	32	22.34	-111	26.17	2286.0	41	979292.60	0.08	-84.93	15
PAP- 12	32	18.42	-111	36.22	2078.0	11	979296.59	0.03	-88.06	15

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona  
 Data source: U.S. Geological Survey; Boler, Klein, and Long

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	code	G R A observed	V I T Y tc	BASE cba	CODE
PAP- 13	32 17.31	-111 35.89	2080.0	11	979294.88	0.53	-87.64	15
PAP- 14	32 21.40	-111 31.46	2380.0	11	979274.10	0.16	-96.46	15
PAP- 15	32 20.24	-111 32.98	2280.0	11	979278.73	0.07	-96.31	15
PAP- 16	32 18.92	-111 34.35	2170.0	11	979290.52	0.03	-89.32	15
PAP- 17	32 22.92	-111 38.53	2004.0	41	979305.74	0.14	-89.34	15
PAP- 18	32 22.56	-111 39.23	1974.0	41	979306.59	-0.01	-89.93	15
PAP- 19	32 23.73	-111 37.95	2028.0	41	979303.97	0.23	-90.69	15
PAP- 20	32 24.28	-111 37.14	2073.0	41	979304.13	0.35	-88.47	15
PAP- 21	32 24.75	-111 36.45	2120.0	41	979308.64	0.17	-81.98	15
PAP- 22	32 25.33	-111 35.40	2181.0	41	979305.09	0.12	-82.73	15
PAP- 23	32 18.35	-111 28.03	2316.0	41	979280.40	0.18	-89.81	15
PAP- 24	32 18.37	-111 31.31	2245.0	41	979282.80	0.09	-91.77	15
PAP- 25	32 16.94	-111 32.12	2184.0	41	979284.46	0.01	-91.88	15
PAP- 26	32 23.54	-111 34.55	2270.0	11	979291.36	0.16	-88.68	15
PAP- 27	32 27.05	-111 37.13	2000.0	11	979319.21	0.09	-81.78	15
PAP- 28	32 26.83	-111 39.56	1890.0	31	979324.47	-0.02	-82.90	15
PAP- 29	32 26.91	-111 43.59	1734.0	31	979317.48	-0.09	-99.36	15
PAP- 30	32 25.50	-111 39.93	1911.0	31	979312.00	-0.05	-92.33	15
PAP- 31	32 25.17	-111 40.89	1868.0	31	979311.70	-0.07	-94.76	15
PAP- 32	32 24.21	-111 40.89	1881.0	31	979310.57	-0.05	-93.79	15
PAP- 33	32 23.34	-111 40.89	1893.0	31	979308.64	-0.05	-93.82	15
PAP- 34	32 22.48	-111 40.89	1894.0	31	979306.88	-0.05	-94.35	15
PAP- 35	32 20.21	-111 39.61	1950.0	21	979301.28	-0.01	-93.48	15
PAP- 36	32 16.38	-111 38.76	2022.0	31	979290.74	0.08	-94.42	16
PAP- 37	32 16.40	-111 41.00	2026.0	31	979290.43	0.01	-94.60	16
PAP- 38	32 16.63	-111 42.91	2025.0	11	979295.74	0.44	-89.22	16
PAP- 39	32 11.96	-111 39.63	2242.0	32	979265.24	0.10	-100.78	16
PAP- 40	32 11.80	-111 45.67	2333.0	32	979268.60	0.43	-91.44	16
PAP- 41	32 13.89	-111 43.38	2169.0	32	979283.00	0.11	-89.99	16
PAP- 42	32 12.98	-111 43.92	2223.0	32	979279.26	0.16	-89.22	16
PAP- 43	32 11.87	-111 44.29	2288.0	42	979270.44	0.31	-92.51	16
PAP- 44	32 14.52	-111 44.73	2130.0	12	979289.00	0.19	-87.09	16
PAP- 45	32 12.07	-111 41.79	2245.0	12	979266.79	0.13	-99.17	16
PAP- 46	32 10.66	-111 43.65	2363.0	42	979261.32	0.29	-95.53	16
PAP- 47	32 9.32	-111 42.21	2415.0	42	979244.97	0.24	-107.01	16
PAP- 48	32 8.22	-111 37.80	2448.0	12	979246.28	0.21	-102.27	16
PAP- 49	32 8.76	-111 34.65	2406.0	12	979242.86	0.17	-108.97	16
PAP- 50	32 11.18	-111 35.15	2257.0	12	979268.96	0.08	-95.13	16
PAP- 51	32 13.37	-111 35.65	2143.0	32	979279.36	0.05	-94.53	16
PAP- 52	32 14.27	-111 37.31	2103.0	42	979278.00	0.16	-99.39	16

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona

Data source: U.S. Geological Survey; Boler, Klein, and Long

STATION		LATITUDE		LONGITUDE		ELEVATION		G R A	V I T Y	BASE
		deg min		deg min		ft code	observed	tc	cba	CODE
PAP-	53	32 7.63	-111 40.71	2500.0	32	979235.77	0.26	-108.82	16	
PAP-	54	32 5.18	-111 37.96	2733.0	32	979217.80	0.42	-109.42	16	
PAP-	55	32 2.76	-111 35.19	3054.0	42	979190.89	0.82	-113.49	16	
PAP-	56	32 2.72	-111 31.00	2905.0	42	979208.48	1.17	-104.38	16	
PAP-	57	32 10.17	-111 39.03	2332.0	32	979256.80	0.21	-101.32	16	
PAP-	58	32 10.32	-111 37.68	2314.0	12	979263.99	0.13	-95.48	16	
PAP-	59	32 5.83	-111 31.93	2665.0	12	979226.96	0.32	-105.29	16	
PAP-	60	32 4.40	-111 29.01	2719.0	42	979223.15	0.67	-103.59	16	
PAP-	61	32 6.86	-111 27.42	2650.0	32	979236.07	0.43	-98.36	16	
PAP-	62	32 9.62	-111 26.49	2465.0	12	979248.91	1.35	-99.38	16	
PAP-	63	32 10.78	-111 30.50	2370.0	12	979249.37	0.10	-107.42	16	
PAP-	65	32 7.76	-111 29.46	2539.0	42	979240.74	0.24	-101.72	16	
PAP-	66	32 0.43	-111 37.21	3258.0	42	979182.14	2.08	-105.65	16	
PAP-	67	32 2.83	-111 38.98	2897.0	32	979203.85	0.61	-110.20	16	
PAP-	68	32 7.34	-111 42.64	2589.0	32	979228.87	0.38	-109.91	16	
PAP-	69	32 8.19	-111 45.80	2892.0	32	979221.76	1.29	-99.18	16	
PAP-	70	32 10.49	-111 46.19	2452.0	32	979256.58	0.49	-94.53	16	
PAP-	71	32 2.39	-111 43.17	2772.0	42	979206.56	0.48	-114.48	16	
PAP-	72	32 4.08	-111 42.00	2700.0	42	979217.37	0.46	-110.29	16	
PAP-	73	32 5.07	-111 45.39	3000.0	12	979203.47	1.12	-106.96	16	
PAP-	74	32 1.03	-111 43.74	2790.0	12	979198.89	0.48	-119.24	16	
PAP-	75	32 1.32	-111 46.16	2970.0	12	979195.67	0.64	-111.95	16	
PAP-	76	32 4.18	-111 49.07	3010.0	42	979202.95	1.14	-105.66	16	
PAP-	77	32 4.70	-111 51.03	2850.0	42	979217.26	0.85	-101.89	16	
PAP-	78	32 2.92	-111 51.74	3037.0	32	979212.22	1.01	-93.20	16	
PAP-	79	32 4.86	-111 53.51	2725.0	32	979230.90	0.61	-96.17	16	
PAP-	80	32 7.84	-111 53.39	2653.0	32	979241.92	0.60	-93.49	16	
PAP-	81	32 4.46	-111 55.53	2580.0	12	979246.73	0.42	-88.63	16	
PAP-	82	32 3.21	-111 56.74	2475.0	42	979255.79	0.68	-83.89	16	
PAP-	83	32 1.54	-111 57.93	2320.0	42	979266.10	0.36	-80.88	16	
PAP-	84	32 18.01	-111 40.90	1980.0	11	979296.66	-0.02	-93.32	16	
PAP-	85	32 20.36	-111 44.11	1860.0	11	979313.00	0.00	-87.32	16	
PAP-	86	32 5.93	-111 35.03	2660.0	12	979223.00	0.34	-109.67	16	
PAP-	87	32 12.97	-111 27.43	2459.0	32	979261.01	0.18	-93.36	16	
PAP-	88	32 13.62	-111 30.49	2260.0	12	979259.74	0.03	-107.53	16	
PAP-	89	32 9.39	-112 4.63	2260.0	11	979272.08	0.30	-89.18	16	
PAP-	90	32 9.49	-112 2.04	2097.0	41	979278.22	0.34	-92.86	16	
PAP-	91	32 10.08	-112 1.94	2083.0	41	979280.98	0.29	-91.78	16	
PAP-	92	32 1.57	-111 56.02	2507.0	42	979255.95	0.49	-79.78	16	
PAP-	93	31 59.78	-111 55.61	2450.0	42	979258.72	0.45	-78.04	16	

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona  
 Data source: U.S. Geological Survey; Boler, Klein, and Long

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	code	G R A V I T Y observed	tc	cba	BASE CODE
PAP- 94	31 58.12	-111 55.16	2429.0	42	979256.67	0.37	-79.17	16
PAP- 95	31 56.63	-111 54.09	2401.0	42	979257.06	0.31	-78.49	16
PAP- 96	31 58.18	-111 46.39	2728.0	32	979203.92	0.47	-114.06	16
PAP- 97	31 59.56	-111 48.68	2934.0	32	979212.67	0.91	-94.45	16
PAP- 98	31 57.71	-111 48.08	2707.0	32	979228.47	0.52	-90.08	16
PAP- 99	31 56.12	-111 47.90	2577.0	32	979231.26	0.40	-93.02	16
PAP- 100	31 57.91	-111 58.37	2195.0	32	979262.05	0.24	-87.60	16
PAP- 101	32 0.21	-111 58.77	2219.0	12	979264.50	0.26	-86.80	16
PAP- 102	32 3.98	-111 58.73	2309.0	32	979263.48	0.50	-87.32	16
PAP- 103	32 4.60	-112 1.58	2180.0	32	979270.98	0.19	-88.66	16
PAP- 104	31 59.67	-111 52.65	2916.0	32	979224.09	1.29	-83.87	17
PAP- 105	31 57.68	-111 52.24	2581.0	32	979241.33	0.52	-84.70	17
PAP- 106	31 55.54	-111 51.88	2415.0	32	979245.31	0.36	-87.89	17
PAP- 107	32 13.12	-112 3.20	2263.0	12	979287.66	2.47	-76.31	17
PAP- 108	32 11.60	-112 5.41	2270.0	12	979280.13	0.34	-83.49	17
PAP- 109	32 10.39	-112 3.66	2190.0	12	979275.97	0.20	-90.92	17
PAP- 110	32 4.75	-111 56.33	2481.0	32	979253.04	0.72	-88.33	17
PAP- 111	32 8.45	-111 55.89	2393.0	32	979257.90	0.30	-94.15	17
PAP- 112	32 11.60	-111 58.03	2122.0	32	979276.44	0.23	-96.12	17
PAP- 113	32 10.93	-111 58.37	2159.0	32	979271.18	0.19	-98.30	17
PAP- 114	32 26.82	-112 0.65	1645.0	31	979317.53	0.80	-103.60	18
PAP- 115	32 27.68	-112 0.17	1633.0	31	979322.07	0.67	-101.08	18
PAP- 116	32 27.89	-111 59.79	1627.0	41	979324.23	0.05	-100.18	18
PAP- 117	32 29.44	-111 56.56	1613.0	31	979343.53	0.01	-83.88	18
PAP- 118	32 28.57	-111 56.56	1617.0	31	979339.31	-0.06	-86.74	18
PAP- 119	32 27.68	-111 56.56	1621.0	31	979334.02	-0.04	-90.56	18
PAP- 120	32 26.82	-111 56.54	1632.0	31	979328.57	-0.01	-94.15	18
PAP- 121	32 25.95	-111 55.52	1679.0	31	979329.50	0.02	-89.20	18
PAP- 122	32 25.07	-111 55.54	1704.0	31	979329.55	0.06	-86.43	18
PAP- 123	32 25.56	-111 53.85	2017.0	11	979316.75	1.50	-79.79	18
PAP- 124	32 27.10	-111 53.43	1737.0	41	979338.35	0.06	-78.42	18
PAP- 125	32 27.53	-111 52.61	1748.0	41	979338.14	0.08	-78.54	18
PAP- 126	32 27.78	-111 52.81	1725.0	31	979339.35	0.07	-79.05	18
PAP- 127	32 28.21	-111 53.08	1703.0	41	979340.44	0.11	-79.83	18
PAP- 128	32 28.06	-111 54.55	1666.0	41	979339.91	-0.05	-82.51	18
PAP- 129	32 29.54	-111 55.52	1663.0	41	979345.14	-0.01	-79.44	18
PAP- 130	32 25.95	-111 56.55	1649.0	31	979328.70	-0.01	-91.82	18
PAP- 131	32 25.94	-111 57.57	1644.0	31	979325.14	0.00	-95.65	18
PAP- 132	32 25.94	-111 58.08	1644.0	11	979323.87	-0.01	-96.94	18
PAP- 133	32 25.95	-111 58.61	1644.0	31	979322.61	-0.03	-98.23	18

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona

Data source: U.S. Geological Survey; Boler, Klein, and Long

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	code	G R A V I T Y observed	tc	cba	BASE CODE
PAP- 134	32 26.10	-111 59.25	1642.0	11	979320.70	-0.03	-100.46	18
PAP- 135	32 25.95	-111 59.62	1645.0	31	979319.34	0.01	-101.39	18
PAP- 136	32 25.95	-112 0.63	1659.0	31	979316.24	0.40	-103.27	18
PAP- 137	32 30.05	-111 56.45	1620.0	42	979346.51	0.11	-81.21	18
PAP- 138	32 28.55	-111 54.50	1677.0	31	979341.20	-0.05	-81.23	18
PAP- 139	32 27.77	-111 54.05	1707.0	41	979337.92	-0.02	-81.63	18
PAP- 140	32 27.97	-111 51.80	1726.0	41	979338.85	0.12	-79.71	18
PAP- 141	32 28.26	-111 51.10	1713.0	41	979340.29	0.11	-79.45	18
PAP- 142	32 27.77	-111 49.70	1706.0	31	979333.71	-0.06	-85.94	18
PAP- 143	32 27.77	-111 50.75	1726.0	31	979336.80	-0.03	-81.64	18
PAP- 144	32 27.77	-111 54.50	1669.0	31	979338.77	-0.04	-83.07	18
PAP- 145	32 27.67	-111 55.55	1641.0	31	979337.29	-0.03	-86.07	18
PAP- 146	32 27.67	-111 57.60	1618.0	31	979330.70	-0.04	-94.04	18
PAP- 147	32 27.67	-111 58.65	1619.0	31	979327.38	-0.05	-97.31	18
PAP- 148	32 6.36	-111 49.18	3258.0	32	979194.72	1.69	-101.49	16
PAP- 149	32 23.63	-111 27.52	2467.0	41	979280.79	0.53	-87.25	15
PAP- 150	32 10.21	-111 54.82	2320.0	32	979270.04	0.30	-88.75	16
PAP- 151	32 11.44	-111 55.94	2180.0	32	979276.94	0.19	-91.99	16
PAP- 152	32 13.28	-111 57.33	2025.0	32	979290.34	0.12	-90.39	16
PAP- 153	32 16.40	-112 5.73	2022.0	31	979310.66	0.14	-74.47	18
PAP- 154	32 17.00	-112 6.23	2010.0	31	979316.25	0.15	-70.40	18
PAP- 155	32 15.43	-112 9.14	2222.0	31	979301.50	0.35	-70.18	18
PAP- 156	32 15.82	-112 9.67	2223.0	31	979301.76	0.26	-70.48	18
PAP- 157	32 16.62	-112 9.19	2156.0	31	979308.44	0.27	-68.87	18
PAP- 158	32 17.79	-112 9.04	2086.0	31	979313.84	0.19	-69.31	18
PAP- 159	32 18.95	-112 7.78	2008.0	31	979318.74	0.15	-70.68	18
PAP- 160	32 19.70	-112 5.91	1924.0	31	979323.65	0.37	-71.59	18
PAP- 161	32 10.39	-111 50.19	2557.0	32	979249.84	1.01	-94.35	18
PAP- 162	32 11.83	-111 52.05	2244.0	32	979275.19	0.34	-90.30	18
PAP- 163	32 13.41	-111 49.85	2187.0	32	979281.02	0.24	-90.11	18
PAP- 164	32 6.32	-111 57.65	2392.0	32	979256.54	0.28	-92.70	18
PAP- 165	32 6.49	-111 59.21	2294.0	32	979263.92	0.26	-91.42	18
PAP- 166	32 10.36	-112 6.90	2448.0	41	979272.42	0.87	-78.37	18
PAP- 167	32 14.11	-112 7.19	2207.0	31	979300.17	0.46	-70.50	18
PAP- 168	32 22.73	-112 6.47	2014.0	31	979321.61	0.25	-72.50	18
PAP- 169	32 21.76	-112 5.11	1883.0	31	979325.79	0.65	-74.41	18
PAP- 170	32 21.78	-112 1.20	1787.0	41	979316.76	0.04	-89.81	18
PAP- 171	32 6.03	-111 53.15	2668.0	32	979230.82	0.58	-101.26	16
PAP- 172	32 6.14	-111 55.35	2535.0	32	979246.46	0.43	-93.86	16
PAP- 173	32 5.71	-111 52.43	2760.0	32	979223.67	0.57	-102.50	16

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona  
 Data source: U.S. Geological Survey; Boler, Klein, and Long

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	code	G R A V I T Y observed	tc	cba	BASE CODE
PAP- 174	32 4.72	-111 51.90	2838.0	32	979220.72	0.65	-99.38	16
PAP- 175	32 4.89	-111 49.49	3041.0	12	979201.84	0.84	-106.18	16
PAP- 176	32 6.28	-111 50.46	3038.0	32	979208.03	0.95	-101.94	18
PAP- 178	32 13.06	-112 12.80	2508.0	41	979267.99	0.85	-82.91	18
PAP- 179	32 15.26	-112 12.78	2349.0	11	979281.74	0.40	-82.08	18
PAP- 180	32 16.32	-112 11.72	2274.0	41	979290.47	0.29	-79.38	18
PAP- 181	32 16.70	-112 10.80	2191.0	21	979301.85	0.22	-73.53	18
PAP- 182	32 17.22	-112 9.83	2149.0	41	979309.16	0.28	-69.37	18
PAP- 183	32 17.73	-112 11.09	2155.0	31	979300.37	0.20	-78.58	18
PAP- 184	32 18.35	-112 11.79	2128.0	41	979298.12	0.19	-83.30	18
PAP- 185	32 20.36	-112 10.88	2046.0	31	979302.85	0.17	-86.21	19
PAP- 186	32 22.69	-112 11.67	2148.0	31	979304.83	0.21	-81.28	19
PAP- 187	32 21.65	-112 9.65	2059.0	31	979305.28	0.22	-84.71	19
PAP- 188	32 20.74	-112 7.26	1959.0	41	979317.01	0.14	-77.79	19
PAP- 189	32 23.04	-112 10.23	2122.0	41	979303.45	0.31	-84.58	19
PAP- 190	32 23.83	-112 10.24	2163.0	41	979302.46	0.24	-84.28	19
PAP- 191	32 24.90	-112 10.31	2203.0	41	979302.81	0.25	-82.99	19
PAP- 192	32 24.91	-112 7.70	2259.0	41	979308.95	0.42	-73.35	19
PAP- 193	32 25.73	-112 6.64	2091.0	11	979316.46	0.68	-76.72	19
PAP- 194	32 20.49	-112 5.45	1890.0	41	979325.32	0.48	-72.91	19
PAP- 195	32 24.79	-112 14.58	2306.0	41	979298.76	0.51	-80.49	19
PAP- 196	32 26.17	-112 2.78	1750.0	11	979321.42	0.08	-93.29	19
PAP- 197	32 29.63	-112 5.08	1879.0	31	979329.55	0.30	-81.97	19
PAP- 198	32 14.95	-112 4.96	2060.0	11	979303.61	0.16	-77.27	19
PAP- 199	32 18.43	-112 4.28	1900.0	11	979320.78	0.37	-74.16	19
PAP- 200	32 26.18	-112 5.71	2010.0	31	979318.91	0.28	-80.11	19
PAP- 201	32 29.80	-112 3.30	1760.0	11	979323.48	0.08	-95.58	19
PAP- 202	32 24.75	-112 1.11	1692.0	41	979315.05	0.15	-101.12	19
PAP- 203	32 24.24	-112 1.28	1705.0	31	979314.84	0.16	-99.84	19
PAP- 204	32 22.90	-112 1.40	1737.0	41	979314.70	0.02	-96.39	19
PAP- 205	32 23.27	-112 0.15	1704.0	31	979317.92	0.11	-95.55	19
PAP- 206	32 22.56	-112 1.38	1750.0	31	979314.70	-0.01	-95.18	19
PAP- 207	32 23.89	-112 3.30	1757.0	31	979322.01	0.11	-89.15	19
PAP- 208	32 22.31	-112 12.80	2182.0	22	979308.56	0.22	-74.99	19
PAP- 209	32 27.72	-112 13.85	2260.0	41	979303.74	0.44	-82.31	19
PAP- 210	32 27.38	-112 11.78	2362.0	41	979303.70	0.36	-75.88	19
PAP- 211	32 27.01	-112 10.93	2321.0	41	979308.06	0.51	-73.32	19
PAP- 212	32 26.43	-112 10.84	2287.0	41	979308.66	0.78	-73.68	19
PAP- 213	32 25.87	-112 11.62	2303.0	31	979303.23	0.69	-77.48	19
PAP- 214	32 28.60	-112 14.12	2228.0	41	979308.71	0.30	-80.59	19

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona

Data source: U.S. Geological Survey; Boler, Klein, and Long

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	code	G R A observed	V I T Y tc	BASE cba	CODE
PAP- 215	32 29.52	-112 14.11	2203.0	41	979312.00	0.52	-79.83	19
PAP- 216	32 30.43	-112 14.34	2165.0	42	979316.16	0.38	-79.31	19
PAP- 217	32 31.30	-112 14.24	2129.0	42	979318.97	0.40	-79.82	19
PAP- 218	32 32.33	-112 13.93	2102.0	42	979321.48	0.56	-80.16	19
PAP- 219	32 33.11	-112 13.28	2078.0	42	979324.71	0.76	-79.23	19
PAP- 220	32 33.83	-112 12.72	2064.0	42	979330.14	0.50	-75.88	19
PAP- 221	32 33.99	-112 10.21	1978.0	32	979341.13	0.31	-70.43	19
PAP- 222	32 32.16	-112 9.09	1959.0	32	979332.90	0.29	-77.32	19
PAP- 223	32 32.16	-112 10.12	2007.0	32	979332.28	1.17	-74.19	19
PAP- 224	32 31.30	-112 11.16	2101.0	32	979326.30	0.68	-73.89	19
PAP- 225	32 29.08	-112 9.91	2171.0	11	979319.21	0.56	-73.89	19
PAP- 226	32 29.75	-112 8.20	2065.0	41	979322.14	0.40	-78.35	19
PAP- 227	32 29.44	-112 7.39	2016.0	31	979326.61	0.83	-75.95	19
PAP- 228	32 30.32	-112 6.54	1928.0	42	979331.99	0.31	-77.54	19
PAP- 229	32 33.82	-112 0.97	1674.0	12	979331.52	0.33	-97.91	19
PAP- 230	32 41.31	-111 50.53	1473.0	42	979378.63	0.00	-73.35	20
PAP- 231	32 41.27	-111 54.60	1504.0	12	979374.53	-0.07	-75.62	20
PAP- 232	32 40.81	-111 55.14	1522.0	12	979373.59	-0.08	-74.86	20
PAP- 234	32 31.19	-112 9.85	1822.0	42	979332.54	4.95	-79.86	20
PAP- 235	32 30.79	-112 18.46	2059.0	32	979328.44	1.90	-72.33	20
PAP- 236	32 31.27	-112 4.87	1738.0	32	979325.48	0.65	-96.33	20
PAP- 237	32 32.86	-112 11.49	1963.0	32	979335.77	4.72	-70.73	20
PAP- 238	32 33.52	-112 13.21	2183.0	32	979326.34	0.21	-72.45	20
PAP- 239	32 37.36	-112 19.13	2092.0	42	979331.25	4.23	-74.20	20
PAP- 240	32 35.53	-112 17.37	2242.0	32	979326.56	0.53	-71.14	20
PAP- 241	32 35.46	-112 22.68	2011.0	44	979333.55	13.27	-65.09	20
PAP- 242	32 35.13	-112 1.72	1657.0	42	979350.47	0.62	-81.48	20
PAP- 243	32 35.53	-112 3.33	1696.0	42	979352.93	1.82	-76.04	20
PAP- 244	32 36.06	-112 4.77	1742.0	42	979352.71	2.42	-73.64	20
PAP- 245	32 36.93	-112 7.89	1804.0	42	979349.43	4.87	-71.96	20
PAP- 246	32 37.10	-112 13.63	1966.0	42	979340.41	1.15	-75.27	20
PAP- 247	32 37.10	-112 11.62	1941.0	42	979341.81	2.19	-74.32	20
PAP- 248	32 37.10	-112 9.66	1884.0	42	979342.67	3.68	-75.37	20
PAP- 249	32 36.23	-111 58.21	1580.0	42	979355.66	-0.07	-83.06	20
PAP- 250	32 35.69	-111 58.83	1600.0	42	979352.74	-0.06	-84.04	20
PAP- 251	32 35.24	-111 59.76	1620.0	42	979352.09	0.06	-82.77	20
PAP- 252	32 37.21	-112 5.35	1770.0	32	979352.48	2.27	-73.92	20
PAP- 253	32 38.23	-111 58.81	1604.0	32	979357.35	-0.06	-82.67	20
PAP- 254	32 36.99	-111 57.68	1557.0	42	979358.59	-0.08	-82.55	20
PAP- 255	32 37.74	-111 57.26	1543.0	42	979362.91	-0.09	-80.10	20



## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona  
 Data source: U.S. Geological Survey; Boler, Klein, and Long

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	code	G R A V I T Y observed	tc	cba	BASE CODE
PAP- 256	32 37.35	-111 56.75	1526.0	32	979365.96	-0.10	-77.55	20
PAP- 257	32 37.34	-111 55.71	1509.0	32	979373.39	-0.10	-71.12	20
PAP- 258	32 37.34	-111 57.78	1564.0	32	979358.71	-0.08	-82.50	20
PAP- 259	32 42.07	-112 26.41	1992.0	42	979339.77	6.25	-76.06	20
PAP- 260	32 43.43	-112 18.19	2375.0	32	979328.49	1.38	-71.24	20
PAP- 261	32 40.83	-112 24.32	2028.0	42	979328.37	16.70	-73.17	20
PAP- 262	32 39.49	-112 22.96	2027.0	42	979328.18	22.51	-65.78	20
PAP- 263	32 38.69	-112 21.48	2031.0	42	979329.06	10.07	-76.00	20
PAP- 264	32 39.12	-112 16.12	2044.0	32	979335.71	1.21	-78.03	20
PAP- 265	32 40.83	-112 16.11	2105.0	32	979333.88	0.38	-79.39	20
PAP- 266	32 41.74	-112 14.05	2197.0	32	979329.74	1.29	-78.38	20
PAP- 267	32 41.21	-112 13.38	2146.0	32	979331.39	1.05	-79.29	20
PAP- 268	32 39.13	-112 12.03	2004.0	32	979336.95	0.84	-79.55	20
PAP- 269	32 41.48	-112 3.97	1806.0	12	979350.60	0.89	-80.87	20
PAP- 270	32 39.97	-111 59.86	1644.0	32	979356.21	0.06	-83.69	20
PAP- 271	32 44.22	-111 48.35	1457.0	42	979386.62	-0.15	-70.45	20
PAP- 272	32 43.97	-111 49.28	1439.0	42	979387.30	-0.16	-70.51	20
PAP- 273	32 43.89	-111 50.23	1420.0	42	979384.74	-0.12	-74.05	20
PAP- 274	32 44.31	-111 50.58	1419.0	32	979385.10	-0.12	-74.33	20
PAP- 275	32 43.44	-111 50.59	1414.0	32	979383.07	-0.10	-75.44	20
PAP- 276	32 42.59	-111 50.60	1434.0	32	979379.32	-0.08	-76.82	20
PAP- 277	32 42.82	-111 54.10	1420.0	42	979381.36	0.11	-75.74	20
PAP- 278	32 41.61	-111 55.76	1453.0	42	979373.97	-0.02	-79.64	20
PAP- 279	32 37.34	-111 53.64	1528.0	32	979378.27	0.11	-64.89	20
PAP- 280	32 37.35	-111 54.57	1628.0	32	979369.60	0.03	-67.70	20
PAP- 281	32 35.24	-111 55.28	1551.0	42	979367.03	0.00	-72.00	20
PAP- 282	32 42.19	-111 47.07	1493.0	42	979377.28	-0.12	-74.83	20
PAP- 283	32 41.36	-111 47.53	1494.0	42	979377.36	-0.15	-73.59	20
PAP- 284	32 40.86	-111 47.45	1497.0	42	979376.80	-0.18	-73.32	20
PAP- 285	32 35.31	-111 52.97	1592.0	12	979372.87	-0.01	-63.83	20
PAP- 286	32 31.24	-111 48.53	1629.0	12	979360.09	-0.11	-68.94	20
PAP- 287	32 31.62	-111 48.68	1622.0	12	979361.93	-0.11	-68.04	20
PAP- 288	32 32.44	-111 49.14	1609.0	42	979363.85	-0.10	-68.00	20
PAP- 289	32 33.19	-111 49.57	1599.0	42	979364.49	-0.10	-68.98	20
PAP- 290	32 33.96	-111 50.08	1586.0	42	979364.63	-0.09	-70.65	20
PAP- 291	32 34.56	-111 50.75	1575.0	42	979365.13	-0.07	-71.61	20
PAP- 292	32 35.27	-111 51.39	1557.0	42	979367.17	-0.02	-71.56	20
PAP- 293	32 36.48	-111 50.59	1541.0	32	979367.93	-0.01	-73.40	20
PAP- 294	32 37.37	-112 3.78	1738.0	12	979352.67	1.92	-76.21	20
PAP- 295	32 37.36	-112 1.76	1697.0	12	979353.93	0.30	-79.00	20

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona

Data source: U.S. Geological Survey; Boler, Klein, and Long

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft code	G R A V I T Y observed tc cba	BASE CODE
PAP- 296	32 37.26	-111 59.78	1647.0 32	979354.18 0.00 -81.89	20
PAP- 297	32 37.36	-111 58.81	1606.0 32	979355.51 -0.06 -83.20	20
PAP- 298	32 37.35	-112 5.83	1780.0 32	979351.91 2.23 -74.12	20
PAP- 299	32 38.24	-112 24.36	2040.0 32	979327.03 10.03 -76.92	20
VEM- 942	32 33.13	-112 10.12	2013.0 32	979329.57 2.77 -76.27	20
VEM- 943	32 35.30	-112 9.23	2183.0 32	979323.86 0.28 -77.30	20
VEM- 944	32 33.91	-112 5.90	1741.0 32	979341.83 11.31 -72.75	20
SRE- 945	32 31.76	-111 53.00	3023.0 32	979264.39 9.96 -72.14	20
SRE- 946	32 33.30	-111 53.26	2955.0 32	979272.80 9.94 -69.91	20
VEM- 947	32 35.17	-112 14.22	3324.0 32	979250.13 27.46 -55.59	20
VEM- 948	32 33.61	-112 14.21	2865.0 32	979277.86 13.25 -67.33	20
VEM- 949	32 31.63	-112 25.03	2458.0 32	979299.46 0.93 -79.63	20
GUA- 950	32 29.35	-112 11.45	2660.0 21	979275.08 1.25 -88.53	20
GUA- 951	32 29.00	-112 9.92	2171.0 41	979319.41 0.61 -73.52	20
VEM- 952	32 38.93	-112 12.91	2163.0 32	979326.88 0.57 -80.14	20
VEM- 953	32 38.18	-112 8.15	1840.0 22	979344.53 8.36 -72.93	20
VEM- 954	32 40.89	-112 3.79	1778.0 32	979350.96 0.96 -81.31	20
SRO- 955	32 21.36	-111 48.33	2323.0 31	979288.58 3.18 -82.31	20
SRO- 956	32 20.06	-111 54.08	2284.0 31	979292.99 3.96 -77.68	20
GUA- 957	32 23.42	-112 4.80	1963.0 31	979320.86 0.64 -76.85	20
GUA- 958	32 24.04	-112 6.71	3264.0 31	979233.76 13.44 -74.38	20
GUA- 959	32 27.64	-112 5.88	2221.0 21	979306.52 0.91 -81.28	20
SRO- 960	32 24.71	-111 50.83	2180.0 21	979303.37 1.16 -82.64	20
GUA- 961	32 25.09	-112 5.79	2021.0 31	979319.67 0.61 -76.88	20
GUA- 962	32 27.65	-112 3.26	1750.0 21	979321.13 0.14 -95.54	20
GUA- 963	32 28.31	-112 7.08	2262.0 21	979309.22 0.52 -77.44	20
SEL- 964	31 48.23	-111 55.29	2222.0 32	979239.19 0.19 -95.82	20
SEL- 965	31 49.97	-111 55.37	2208.0 32	979244.56 0.24 -93.58	20
SEL- 966	31 52.13	-111 54.45	2500.0 32	979240.64 0.84 -82.40	20
COM- 967	32 0.87	-111 54.44	2714.0 32	979238.85 1.16 -82.92	20
SEL- 968	31 57.49	-111 58.84	2169.0 32	979262.84 0.20 -87.82	20
COM- 969	32 3.30	-111 45.28	3241.0 32	979182.06 2.40 -110.31	20
COM- 970	32 0.42	-111 48.10	3147.0 32	979195.06 1.48 -99.94	20
COM- 971	32 5.56	-111 48.09	3441.0 32	979180.85 1.57 -103.47	20
COM- 972	32 14.80	-111 51.29	2331.0 32	979270.57 1.48 -92.62	20
SRO- 973	32 15.22	-111 49.70	2075.0 31	979289.79 0.11 -90.61	20
VAH- 974	32 21.35	-111 41.11	1893.0 31	979305.58 -0.04 -94.16	20
VAH- 975	32 25.17	-111 42.55	1802.0 31	979312.55 -0.09 -97.87	20
VAH- 976	32 21.21	-111 42.70	1869.0 41	979307.73 -0.05 -93.26	20
VAH- 977	32 18.81	-111 43.94	1900.0 11	979308.42 0.01 -87.39	20

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation, Arizona

Data source: U.S. Geological Survey; Boler, Klein, and Long

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	code	G R A V I T Y observed	tc	cba	BASE CODE
VAH- 978	32 17.50	-111 43.69	2711.0	31	979249.57	6.05	-90.05	20
SAV- 979	32 14.94	-111 43.93	2920.0	32	979229.35	7.09	-93.28	20
COM- 980	32 9.89	-111 51.58	2785.0	32	979236.82	1.56	-92.54	20
QUM- 981	32 8.34	-112 9.98	3857.0	21	979180.60	9.76	-74.46	20
QUM- 982	32 12.28	-112 8.87	3573.0	31	979199.52	9.99	-77.62	20
QUM- 983	32 12.71	-112 10.41	2876.0	21	979249.52	2.93	-76.87	20
ANP- 984	32 47.84	-112 5.55	2258.0	32	979341.63	1.64	-70.86	20
ANP- 985	32 45.22	-112 7.50	4373.0	32	979186.86	21.05	-76.38	20
ANP- 986	32 46.95	-112 8.71	2770.0	32	979306.49	2.50	-73.37	20
KAK- 987	32 34.92	-112 15.41	2607.0	31	979294.88	5.10	-75.64	20
VEM- 988	32 37.23	-112 29.37	2140.0	12	979327.62	0.75	-78.27	20
VEM- 989	32 38.99	-112 3.38	1745.0	22	979348.64	0.49	-83.46	20
VEM- 990	32 44.80	-112 3.47	1965.0	22	979348.75	0.30	-78.38	20

Date: 08/31/81

Appendix D,  
page 1

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
Data source: University of Arizona

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
AGC-0232	32 54.60	113 22.41	461.0	979491.07	-0.19	-39.61
AJO-0002	32 43.74	113 44.42	499.0	979511.87	0.33	-1.14
AJO-0003	32 43.69	113 45.34	552.0	979510.41	0.13	0.43
AJO-0004	32 43.47	113 46.67	481.0	979512.41	-0.04	-1.66
AJO-0005	32 43.23	113 47.59	439.0	979510.92	-0.08	-5.37
AJO-0006	32 43.12	113 48.41	418.0	979502.37	-0.09	-15.03
AJO-0007	32 43.02	113 49.21	391.0	979495.50	-0.11	-23.39
AJO-0008	32 41.49	113 59.17	360.0	979494.26	-0.08	-24.35
AJO-0009	32 42.47	113 59.17	313.0	979498.34	-0.10	-24.43
AJO-0010	32 12.09	112 54.49	1484.9	979346.18	0.48	-64.78
AJO-0010	32 43.34	113 59.17	255.0	979502.44	-0.10	-24.98
AJO-0011	32 44.21	113 59.17	257.0	979502.81	-0.06	-25.63
AJO-0012	32 45.08	113 59.24	259.0	979502.14	0.01	-27.31
AJO-0013	32 45.95	113 59.17	265.0	979502.39	0.08	-27.82
AJO-0014	32 45.95	113 58.14	264.0	979501.69	0.05	-28.62
AJO-0015	32 45.95	113 57.12	267.0	979499.58	-0.01	-30.61
AJO-0016	32 45.95	113 56.08	269.0	979498.43	-0.07	-31.70
AJO-0017	32 46.82	113 56.08	275.0	979500.51	0.01	-30.37
AJO-0018	32 46.82	113 55.06	278.0	979499.87	-0.07	-30.92
AJO-0019	32 46.82	113 54.02	279.0	979501.16	-0.10	-29.59
AJO-0020	32 46.82	113 52.99	283.0	979507.03	-0.12	-23.50
AJO-0021	32 47.71	113 52.99	298.0	979505.04	-0.10	-25.80
AJO-0022	32 46.05	113 54.02	279.0	979496.54	-0.12	-33.18
AJO-0023	32 45.95	113 55.06	275.0	979496.85	-0.11	-32.96
AJO-0024	32 45.08	113 57.12	261.0	979497.10	-0.10	-32.34
AJO-0025	32 45.08	113 58.14	262.0	979497.59	-0.04	-31.73
AJO-0026	32 44.21	113 58.14	259.0	979495.26	-0.11	-33.12
AJO-0027	32 44.02	113 57.12	263.0	979492.06	-0.10	-35.81
AJO-0028	32 43.34	113 57.12	260.0	979489.54	-0.05	-37.53
AJO-0029	32 42.47	113 57.12	326.0	979483.90	-0.10	-38.10
AJO-0030	32 42.47	113 58.14	316.0	979488.01	-0.09	-34.57
AJO-0032	32 42.52	113 56.08	327.0	979482.34	-0.11	-39.67
AJO-0033	32 42.52	113 55.00	326.0	979482.64	-0.12	-39.44
AJO-0034	32 43.34	113 55.06	326.0	979483.06	-0.10	-40.12
AJO-0035	32 43.34	113 56.08	325.0	979483.87	-0.10	-39.38
AJO-0036	32 43.34	113 54.02	294.0	979485.00	-0.12	-40.11
AJO-0037	32 43.78	113 53.51	331.0	979483.37	-0.08	-40.10
AJO-0038	32 44.21	113 54.56	278.0	979487.75	-0.12	-39.51
AJO-0039	32 44.67	113 54.02	276.0	979489.39	-0.12	-38.61
AJO-0040	32 45.08	113 54.02	276.0	979491.53	-0.12	-37.04

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: University of Arizona

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
AJO-0041	32 45.08	113 52.99	280.0	979492.84	-0.12	-35.49
AJO-0042	32 45.95	113 52.99	278.0	979499.16	-0.12	-30.48
AJO-0043	32 46.82	113 51.96	282.0	979513.38	-0.13	-17.22
AJO-0044	32 47.71	113 51.96	293.0	979509.31	-0.11	-21.84
AJO-0045	32 47.71	113 50.92	293.0	979511.08	-0.12	-20.08
AJO-0046	32 47.71	113 49.92	295.0	979511.09	-0.13	-19.96
AJO-0047	32 47.71	113 48.88	303.0	979509.58	-0.13	-21.00
AJO-0048	32 47.71	113 47.86	314.0	979507.83	-0.11	-22.07
AJO-0049	32 48.57	113 45.80	314.0	979492.39	-0.14	-38.72
AJO-0050	32 48.57	113 46.82	310.0	979495.47	-0.13	-35.87
AJO-0051	32 49.44	113 45.80	326.0	979489.01	-0.14	-42.58
AJO-0052	32 47.71	113 45.80	312.0	979499.77	-0.12	-30.25
AJO-0053	32 46.82	113 45.80	313.0	979513.72	-0.01	-14.92
AJO-0054	32 46.82	113 46.82	308.0	979517.75	0.15	-11.03
AJO-0055	32 47.71	113 46.82	306.0	979501.61	-0.11	-28.77
AJO-0056	32 48.57	113 47.86	314.0	979500.15	-0.13	-30.95
AJO-0059	32 42.04	113 55.66	346.0	979481.06	-0.11	-39.16
AJO-0060	32 12.03	112 54.00	1478.5	979345.93	0.29	-65.51
AJO-0060	32 42.24	113 54.53	331.0	979482.29	-0.11	-39.10
AJO-0061	32 42.34	113 53.61	331.0	979481.72	-0.10	-39.80
AJO-0062	32 42.38	113 52.89	319.0	979483.11	-0.12	-39.20
AJO-0063	32 42.72	113 51.40	340.0	979484.82	-0.12	-36.70
AJO-0064	32 43.34	113 50.92	339.0	979489.16	-0.11	-33.26
AJO-0065	32 44.21	113 50.92	342.0	979494.32	-0.12	-29.13
AJO-0066	32 43.34	113 51.96	334.0	979485.85	-0.11	-36.87
AJO-0067	32 44.65	113 51.96	286.0	979494.40	-0.12	-32.99
AJO-0068	32 45.08	113 51.96	287.0	979497.22	-0.13	-30.70
AJO-0069	32 45.08	113 50.92	292.0	979504.83	-0.12	-22.79
AJO-0070	32 45.27	113 49.92	295.0	979514.56	-0.11	-13.12
AJO-0071	32 45.95	113 49.92	295.0	979515.97	-0.12	-12.66
AJO-0072	32 45.95	113 48.88	299.0	979518.17	-0.10	-10.20
AJO-0073	32 46.82	113 48.88	300.0	979515.12	-0.12	-14.41
AJO-0074	32 46.82	113 47.86	311.0	979519.71	-0.06	-9.10
AJO-0075	32 48.57	113 48.88	334.0	979501.91	-0.12	-27.98
AJO-0076	32 46.82	113 49.92	292.0	979515.42	-0.13	-14.59
AJO-0077	32 45.95	113 50.92	290.0	979512.91	-0.13	-16.02
AJO-0078	32 45.95	113 51.96	281.0	979506.41	-0.13	-23.06
AJO-0079	32 44.21	113 52.99	333.0	979485.54	-0.07	-38.39
AJO-0080	32 43.34	113 52.99	332.0	979483.51	-0.08	-39.30
AJO-0084	32 42.52	113 50.92	343.0	979485.26	-0.12	-35.81

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
AJO-0085	32 41.83	113 50.92	350.0	979482.79	-0.12	-36.92
AJO-0086	32 40.88	113 50.56	365.0	979479.82	-0.10	-37.68
AJO-0087	32 40.72	113 57.12	397.0	979479.32	-0.08	-36.03
AJO-0088	32 40.72	113 58.14	400.0	979482.98	-0.08	-32.19
AJO-0089	32 40.72	113 59.17	401.0	979492.14	-0.07	-22.96
AJO-0090	32 39.86	113 59.17	450.0	979490.17	-0.04	-20.81
AJO-0091	32 38.99	113 59.17	502.0	979488.44	0.06	-18.16
AJO-0094	32 40.72	113 56.08	390.0	979478.86	-0.09	-36.92
AJO-0095	32 41.82	113 56.08	356.0	979480.34	-0.10	-38.98
AJO-0096	32 41.82	113 55.06	350.0	979480.85	-0.11	-38.84
AJO-0097	32 41.82	113 54.02	351.0	979480.84	-0.10	-38.77
AJO-0098	32 41.49	113 53.22	337.0	979481.31	-0.11	-38.70
AJO-0099	32 41.87	113 51.96	337.0	979481.91	-0.12	-38.62
AJO-0100	32 40.72	113 54.02	378.0	979479.02	-0.10	-37.48
AJO-0101	32 45.08	113 56.08	270.0	979494.60	-0.11	-34.31
AJO-0102	32 44.62	113 56.08	266.0	979491.92	-0.12	-36.61
AJO-0103	32 45.08	113 55.17	270.0	979492.90	-0.12	-36.03
AJO-0104	32 45.33	113 48.10	375.0	979515.92	-0.03	-7.00
AJO-0105	32 45.08	113 46.82	498.0	979510.96	0.67	-3.60
AJO-0106	32 44.21	113 47.86	415.0	979514.65	-0.06	-4.39
AJO-0107	32 44.21	113 46.82	494.0	979512.23	0.04	-2.00
AJO-0230	32 12.03	112 53.01	1486.5	979340.30	0.23	-70.73
AJO-0400	32 12.03	112 52.03	1504.1	979335.90	0.22	-74.09
AJO-0580	32 12.03	112 50.98	1542.3	979330.11	0.21	-77.61
AJO-0750	32 12.03	112 49.98	1580.9	979326.82	0.21	-78.60
AJO-0920	32 12.03	112 49.00	1618.4	979324.91	0.23	-78.25
AJO-1090	32 12.03	112 48.01	1660.5	979324.02	0.28	-76.58
AJO-1270	32 12.03	112 46.98	1708.0	979323.19	0.28	-74.59
AJO-1440	32 12.03	112 45.98	1758.2	979322.66	0.32	-72.08
AJO-1520	32 12.03	112 45.51	1778.7	979323.22	0.34	-70.28
AJO-1720	32 12.98	112 45.66	1751.0	979329.69	0.33	-66.76
ANK-1124	32 46.03	112 0.53	1646.0	979374.26	0.32	-73.56
ANK-1125	32 46.03	112 1.55	1701.0	979370.10	0.21	-74.55
ANK-1126	32 46.03	112 2.56	1781.0	979364.60	0.14	-75.35
ANK-1127	32 45.11	112 2.56	1868.0	979355.38	0.23	-78.03
APK-0002	32 51.28	112 6.98	1634.0	979385.22	0.32	-70.51
APK-0003	32 51.29	112 5.97	1589.0	979388.43	0.15	-70.17
APK-0004	32 52.16	112 6.99	1554.0	979391.29	0.12	-70.62
APK-0005	32 53.09	112 6.99	1487.0	979395.71	0.10	-71.49
APK-0006	32 53.90	112 6.99	1437.0	979399.16	0.01	-72.22

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
APK-0007	32	54.77	112	6.99	1392.0	979404.30	-0.07	-71.04
APK-0008	32	53.91	112	8.03	1470.0	979400.79	0.03	-68.62
APK-0009	32	53.47	112	8.03	1500.0	979396.76	0.05	-70.24
APK-0010	32	52.59	112	8.03	1566.0	979390.78	0.10	-71.02
APK-0011	32	52.59	112	9.07	1631.0	979387.46	0.45	-70.12
APK-0012	32	52.14	112	9.06	1664.0	979383.99	0.77	-70.68
APK-0013	32	51.27	112	9.07	1785.0	979374.50	0.62	-71.92
APK-0014	32	53.04	112	9.06	1592.0	979390.62	0.31	-70.05
APK-0015	32	53.47	112	9.06	1561.0	979394.50	0.29	-68.62
APK-0016	32	53.91	112	9.05	1561.0	979398.94	0.13	-64.95
APK-0017	32	54.78	112	9.05	1451.0	979402.62	0.12	-69.03
APK-0018	32	55.65	112	9.00	1406.0	979401.13	0.02	-74.49
APK-0019	32	58.25	112	9.06	1330.0	979414.06	0.06	-69.62
APK-0020	32	59.12	112	9.04	1317.0	979416.71	0.16	-68.85
APK-0021	32	59.61	112	9.02	1345.0	979418.29	0.03	-66.40
APK-0022	32	59.57	112	10.06	1351.0	979414.32	-0.04	-70.03
APK-0023	32	59.12	112	11.09	1371.0	979411.76	-0.05	-70.79
APK-0024	32	58.68	112	10.05	1331.0	979413.54	0.10	-70.64
APK-0025	32	59.98	112	11.10	1372.0	979412.88	-0.11	-70.85
APK-0026	32	59.57	112	11.09	1376.0	979411.99	-0.09	-70.92
APK-0027	32	59.98	112	12.93	1415.0	979411.54	0.34	-69.18
APK-0028	32	59.13	112	13.19	1437.0	979410.07	0.85	-67.66
APK-0029	32	57.39	112	13.19	1488.0	979393.38	0.40	-79.37
APK-0030	32	55.64	112	14.24	1553.0	979397.14	0.07	-69.66
APK-0035	32	48.40	112	14.57	1818.0	979359.47	0.15	-81.51
APK-0036	32	46.50	112	10.89	2255.0	979340.14	0.73	-71.60
APK-0037	32	48.20	112	13.23	1925.0	979356.09	0.20	-78.19
APK-0038	32	47.04	112	13.74	1918.0	979358.13	0.23	-74.94
APK-0039	32	46.16	112	13.92	1900.0	979362.37	0.52	-70.29
APK-0040	32	47.78	112	13.97	1877.0	979357.10	0.19	-79.47
APK-0041	32	52.60	112	14.24	1662.0	979382.31	0.05	-73.83
APK-0042	32	52.61	112	13.25	1691.0	979379.42	0.07	-74.99
APK-0043	32	53.09	112	13.21	1975.0	979380.87	3.34	-54.00
APK-0044	32	53.90	112	13.22	1622.0	979385.56	0.03	-74.77
APK-0045	32	54.77	112	13.22	1578.0	979390.69	0.00	-73.49
APK-0047	32	55.65	112	12.19	1519.0	979397.16	0.21	-71.53
APK-0050	32	56.26	112	8.02	1334.0	979412.36	0.02	-68.39
APK-0053	32	50.12	112	8.80	1875.0	979367.49	0.80	-71.80
APK-0054	32	52.04	112	12.55	1745.0	979374.87	0.08	-75.53
APK-0055	32	52.93	112	14.21	1672.0	979385.22	0.05	-70.78

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
APK-0056	32	53.42	112	14.24	1633.0	979387.60	0.03	-71.42
APK-0057	32	53.91	112	14.24	1612.0	979389.29	0.02	-71.67
APK-2008	32	45.53	112	14.41	1937.0	979359.56	0.33	-70.21
APK-3011	32	52.55	112	11.47	1842.0	979372.38	0.27	-72.74
APK-3012	32	53.17	112	11.59	1832.0	979375.04	0.34	-71.46
APK-4015	32	45.16	112	12.32	2012.0	979355.61	0.33	-69.19
AZ-1	32	50.30	113	20.00	551.0	979479.81	-0.16	-39.58
AZ-2	32	49.30	113	27.30	488.0	979493.51	-0.16	-28.26
AZH-0219	32	50.43	113	27.32	455.0	979491.52	-0.17	-33.77
AZH-0220	32	51.29	113	27.32	430.0	979490.31	-0.17	-37.65
AZH-0221	32	52.16	113	27.32	444.0	979489.38	-0.16	-38.93
AZH-0226	32	46.94	113	27.12	580.0	979496.82	-0.10	-16.18
AZH-0228	32	50.43	113	26.29	443.0	979491.54	-0.18	-34.48
AZH-0229	32	51.31	113	25.66	476.0	979486.16	-0.16	-39.08
AZH-0236	32	48.28	113	26.83	510.0	979495.30	-0.15	-23.75
AZH-0237	32	48.21	113	27.82	510.0	979497.25	-0.14	-21.69
AZH-0238	32	48.23	113	28.84	505.0	979500.48	-0.01	-18.66
AZH-0239	32	48.71	113	25.15	505.0	979492.89	-0.16	-27.06
AZH-0240	32	47.78	113	24.15	517.0	979497.80	-0.15	-20.15
AZH-0241	32	47.78	113	25.16	519.0	979495.80	-0.15	-22.03
AZH-0242	32	47.78	113	26.17	518.0	979497.43	-0.15	-20.46
AZH-0243	32	46.93	113	24.15	529.0	979499.95	-0.14	-16.11
AZH-0244	32	46.93	113	23.15	526.0	979498.21	-0.14	-18.03
AZH-0255	32	47.79	113	23.14	521.0	979496.87	-0.16	-20.87
AZH-0256	32	48.65	113	23.14	500.0	979494.37	-0.17	-25.81
AZN-0185	32	56.82	113	29.98	466.0	979493.10	-0.13	-40.27
AZN-0186	32	57.68	113	28.12	487.0	979500.96	-0.16	-32.38
AZN-0187	32	58.49	113	26.22	501.0	979504.96	-0.16	-28.66
AZN-0188	32	59.38	113	24.36	504.0	979509.55	-0.15	-25.11
AZN-0189	32	59.79	113	23.48	510.0	979510.32	-0.09	-24.48
AZN-0190	32	58.94	113	25.31	505.0	979506.83	-0.16	-27.17
AZN-0192	32	56.58	113	25.48	436.0	979503.86	-0.18	-31.02
AZN-0193	32	56.58	113	27.35	438.0	979503.73	-0.17	-31.02
AZN-0194	32	56.59	113	28.36	455.0	979499.30	-0.17	-34.46
AZN-0195	32	58.62	113	28.79	520.0	979499.91	-0.14	-32.73
AZN-0196	32	58.25	113	29.82	508.0	979502.13	-0.13	-30.71
AZN-0197	32	59.32	113	29.09	528.0	979499.55	-0.13	-33.57
AZN-0198	32	59.83	113	29.54	547.0	979497.51	-0.12	-35.17
AZN-0199	32	59.19	113	29.95	535.0	979502.40	-0.12	-30.12
AZN-0202	32	57.57	113	29.27	483.0	979498.50	-0.14	-34.90



## PRINCIPAL FACTS

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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
AZN-0205	32 55.64	113 29.38	437.0	979489.51	-0.16	-44.00
AZN-0206	32 54.52	113 28.86	404.0	979491.05	-0.18	-42.91
AZN-0207	32 55.64	113 27.35	422.0	979499.29	-0.17	-35.12
AZN-0220	32 53.03	113 27.33	394.0	979492.98	-0.19	-39.53
AZN-0221	32 54.03	113 27.33	394.0	979493.42	-0.19	-40.47
AZN-0222	32 54.77	113 27.33	396.0	979496.28	-0.18	-38.50
AZN-0223	32 53.04	113 28.35	393.0	979494.13	-0.19	-38.46
AZN-0230	32 53.03	113 24.17	449.0	979484.40	-0.19	-44.84
AZN-0231	32 53.90	113 23.16	444.0	979487.14	-0.19	-43.59
AZN-0233	32 54.77	113 23.16	474.0	979492.03	-0.17	-38.09
AZN-0234	32 54.77	113 24.13	413.0	979495.64	-0.16	-38.10
AZS-0245	32 46.94	113 22.15	541.0	979491.40	-0.15	-23.97
AZS-0246	32 46.94	113 21.11	537.0	979490.13	-0.16	-25.48
AZS-0247	32 46.06	113 21.11	549.0	979488.59	-0.15	-25.09
AZS-0248	32 46.08	113 20.11	562.0	979486.16	-0.15	-26.77
AZS-0250	32 46.45	113 18.97	564.0	979484.33	-0.15	-29.00
AZS-0251	32 46.92	113 20.09	545.0	979486.89	-0.15	-28.21
AZS-0253	32 47.78	113 21.12	530.0	979488.48	-0.16	-28.70
AZS-0254	32 47.78	113 22.12	521.0	979493.59	-0.16	-24.13
AZS-0257	32 50.07	113 21.81	509.0	979484.51	-0.17	-37.08
AZS-0258	32 48.71	113 21.12	528.0	979487.47	-0.16	-31.11
AZS-0259	32 49.58	113 21.12	531.0	979484.31	-0.17	-35.29
AZS-0260	32 50.53	113 18.27	552.0	979478.18	-0.17	-41.48
AZS-0261	32 50.65	113 17.30	564.5	979477.62	-0.16	-41.45
AZS-0262	32 51.01	113 15.82	615.0	979477.49	-0.15	-39.05
BAB-124	31 59.87	111 42.45	2897.1	979193.98	0.72	-115.95
BAB-1296	31 59.84	111 33.67	3564.1	979161.18	3.40	-106.21
BAB-1297	31 59.15	111 33.02	3837.2	979137.81	8.48	-107.26
BAB-1298	31 57.97	111 32.85	4205.2	979113.97	6.05	-109.96
BAB-1299	31 59.96	111 34.23	3585.2	979161.22	2.48	-106.00
BAB-1435	31 58.60	111 39.75	3312.1	979169.25	3.01	-111.90
BAB-1436	31 59.16	111 40.82	3326.1	979169.33	1.87	-112.88
BAB-1437	31 57.27	111 42.13	2967.1	979190.75	1.14	-111.06
BAB-1438	31 55.36	111 40.33	3360.1	979165.87	2.43	-108.62
BAB-1439	31 55.04	111 41.51	3282.2	979170.70	1.43	-109.01
BAB-1440	31 54.37	111 40.00	3422.1	979161.39	1.88	-108.61
BAB-1441	31 53.13	111 41.46	3196.1	979173.09	1.06	-109.54
BAB-1442	31 51.92	111 43.45	2904.1	979187.57	0.64	-111.28
BAB-1443	31 52.13	111 44.43	2802.1	979190.50	0.55	-114.81
BAB-147	31 59.47	111 42.02	2939.1	979193.39	0.88	-113.33

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: University of Arizona

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
BAB-1516	31	59.02	111	42.86	2864.1	979195.92	0.76	-114.79
BAB-1517	31	58.48	111	43.76	2798.1	979196.30	0.61	-117.77
BAB-1518	31	57.99	111	44.70	2739.1	979189.65	0.54	-127.35
BAB-1520	31	56.77	111	44.18	2782.1	979188.86	0.61	-123.85
BAB-439	31	45.26	111	39.27	3271.1	979156.56	1.77	-110.27
BAB-440	31	45.27	111	39.23	3282.2	979155.78	1.80	-110.37
BAB-443	31	46.77	111	38.11	3474.1	979141.82	3.55	-113.14
BAB-444	31	46.88	111	39.48	3207.2	979161.02	1.93	-111.65
BAB-445	31	46.11	111	39.35	3265.2	979155.77	1.65	-112.68
BAB-446	31	47.71	111	40.51	3106.1	979168.34	1.06	-112.35
BAB-447	31	47.80	111	41.53	2967.1	979180.00	0.83	-109.34
BAB-448	31	48.23	111	40.83	3026.1	979173.67	0.95	-112.60
BAB-449	31	49.19	111	39.96	3122.1	979165.84	1.17	-115.78
BAB-450	31	49.93	111	39.09	3247.1	979162.25	1.31	-112.77
BAB-451	31	49.50	111	38.28	3250.1	979163.10	2.22	-110.25
BAB-452	31	49.75	111	37.63	3407.2	979153.88	2.13	-110.52
BAB-454	31	50.44	111	39.39	3262.1	979160.58	1.23	-114.31
BAB-455	31	51.27	111	39.48	3356.1	979154.44	1.33	-115.86
BAB-456	31	51.95	111	38.76	3550.2	979147.14	1.60	-112.22
BAB-457	31	52.43	111	38.50	3717.2	979136.40	1.99	-113.25
BAB-458	31	53.12	111	38.35	3971.2	979121.40	2.80	-113.20
BAB-460	31	53.09	111	38.79	3801.2	979132.21	2.23	-113.07
BAB-461	31	53.45	111	39.67	3522.1	979150.92	1.75	-111.99
BAB-462	31	53.97	111	40.34	3333.1	979164.24	1.67	-110.74
BAB-463	31	54.58	111	40.29	3399.1	979161.12	1.67	-110.75
BAB-464	31	55.11	111	40.94	3285.1	979168.81	1.51	-110.73
BAB-465	31	56.43	111	41.86	3093.1	979183.32	1.26	-109.72
BAB-466	31	58.01	111	41.88	3051.1	979185.96	1.11	-111.87
BAB-467	31	58.64	111	41.87	2969.1	979191.33	1.07	-112.29
BAB-470	31	57.88	111	35.92	6875.3	978922.04	37.64	-110.47
BAB-471	31	59.60	111	40.37	3116.1	979184.08	1.56	-111.58
BAB-475	31	48.18	111	43.59	2821.1	979190.75	0.58	-108.06
BAB-476	31	48.00	111	42.63	2914.1	979184.82	0.68	-108.10
BRM-1514	32	12.28	111	13.04	2275.1	979252.90	0.13	-111.55
BRM-1515	32	11.84	111	13.04	2283.1	979249.00	0.12	-114.39
CGM-1012	32	45.56	111	44.24	1466.0	979386.18	-0.20	-72.24
CGR-1046	32	45.79	111	46.46	1453.1	979384.25	-0.17	-75.23
CHU-1013	32	45.47	111	45.24	1460.0	979387.00	-0.18	-71.63
CHU-1014	32	47.32	111	46.26	1433.0	979391.20	-0.19	-71.59
CHU-1015	32	47.32	111	47.28	1426.0	979388.95	-0.18	-74.24

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
CHU-1016	32 47.32	111 48.29	1417.1	979388.75	-0.17	-74.97
CHU-1017	32 46.43	111 50.02	1408.0	979387.69	-0.12	-75.30
CHU-1018	32 47.32	111 51.10	1390.1	979385.32	-0.20	-80.04
CHU-1033	32 46.13	111 49.10	1561.1	979379.64	0.06	-73.64
CHU-1034	32 45.77	111 51.58	1400.1	979385.95	-0.20	-76.69
CHU-1035	32 45.77	111 50.56	1411.1	979385.68	-0.15	-76.25
CHU-1036	32 45.77	111 49.52	1425.1	979387.41	-0.07	-73.60
CHU-1037	32 45.27	111 49.44	1452.1	979386.21	-0.16	-72.60
CHU-1047	32 46.60	111 46.63	1444.1	979385.63	-0.17	-75.49
CHU-1048	32 46.65	111 47.47	1438.1	979385.53	-0.17	-76.02
CHU-1049	32 45.36	111 47.86	1450.1	979383.43	-0.12	-75.59
CHU-1050	32 46.64	111 51.58	1395.0	979381.92	-0.21	-82.22
CMP 0046	32 25.15	112 19.50	2338.0	979305.72	0.61	-72.01
CMP-0027	32 28.07	112 15.48	2194.0	979308.03	0.24	-82.64
CMP-0029	32 27.70	112 17.35	2220.0	979316.05	0.30	-72.51
CMP-0030	32 27.43	112 18.05	2235.0	979314.25	0.35	-72.99
CMP-0032	32 26.39	112 18.05	2248.0	979312.71	0.41	-72.28
CMP-0034	32 21.47	112 21.32	2210.0	979317.52	0.44	-63.00
CMP-0035	32 20.85	112 19.60	2132.0	979312.02	0.28	-72.46
CMP-0036	32 23.84	112 18.63	2200.0	979317.03	0.40	-67.35
CMP-0037	32 24.62	112 18.90	2260.0	979315.17	0.62	-66.48
CMP-0038	32 25.22	112 19.39	2330.0	979312.71	0.56	-65.64
CMP-0039	32 23.28	112 18.02	2160.0	979307.48	0.30	-78.62
CMP-0040	32 23.44	112 17.16	2207.0	979306.33	0.32	-77.17
CMP-0047	32 25.80	112 20.40	2430.0	979301.67	0.75	-71.32
CMP-0048	32 25.20	112 20.95	2480.0	979297.64	1.12	-71.18
CMP-0049	32 24.70	112 21.50	2560.0	979291.43	0.77	-72.28
CMP-0050	32 24.30	112 21.95	2640.0	979287.35	0.85	-70.96
CMP-0051	32 23.70	112 21.75	2800.0	979273.79	2.76	-72.25
CMP-0052	32 23.10	112 21.75	2400.0	979299.90	1.60	-70.35
CMP-0053	32 22.40	112 21.50	2290.0	979306.98	0.66	-69.81
CMP-0054	32 21.85	112 20.65	2195.0	979311.27	0.39	-70.71
CMP-0055	32 21.15	112 19.80	2150.0	979307.03	0.31	-76.76
CMP-0056	32 25.10	112 16.75	2190.0	979306.10	0.25	-80.75
CMP-0057	32 29.00	112 18.50	2220.0	979309.14	1.07	-80.41
CMP-0058	32 29.10	112 17.85	2248.0	979310.47	0.66	-77.96
CMP-0059	32 28.95	112 17.10	2221.0	979311.47	0.34	-78.69
CMP-0060	32 22.70	112 16.12	2187.0	979307.66	2.59	-73.75
CMP-0061	32 19.25	112 24.10	2140.0	979303.57	0.32	-78.22
CMP-0062	32 19.65	112 24.80	2160.0	979302.38	0.33	-78.75

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
CMP-0144	32 17.50	112 23.80	2078.0	979303.00	0.31	-80.12
CMP-0145	32 16.75	112 24.75	2045.0	979302.58	0.48	-81.32
CMP-0146	32 15.90	112 24.40	2018.0	979301.01	0.22	-83.60
CMP-0147	32 15.10	112 24.75	2010.0	979300.23	0.20	-83.79
CMP-0148	32 21.00	112 25.00	2200.0	979303.05	0.39	-77.48
CMP-0150	32 20.85	112 27.70	2180.0	979306.69	0.32	-74.90
CMP-0151	32 20.25	112 27.95	2146.0	979306.11	0.32	-76.69
CMP-0152	32 19.45	112 27.65	2126.0	979303.73	0.32	-79.17
CMP-0153	32 18.30	112 27.20	2092.0	979303.52	0.27	-79.89
CMP-0154	32 21.50	112 28.25	2180.0	979307.71	0.35	-74.73
CMP-0155	32 20.35	112 26.75	2180.0	979302.80	0.33	-78.10
CMP-0156	32 19.75	112 26.20	2160.0	979302.96	0.32	-78.32
CMP-0157	32 18.65	112 26.15	2132.0	979303.58	0.34	-77.86
CMP-0158	32 17.85	112 25.95	2085.0	979302.91	0.24	-80.33
CMP-0159	32 20.85	112 29.17	2160.0	979305.03	0.34	-77.73
CMP-0160	32 20.30	112 28.60	2142.0	979305.54	0.31	-77.57
CMP-0161	32 19.90	112 29.45	2140.0	979303.02	0.37	-79.60
CMP-0162	32 19.20	112 29.75	2135.0	979302.97	0.37	-79.00
CMP-0168	32 16.65	112 30.05	2080.0	979304.20	0.58	-77.37
CMP-0174	32 15.05	112 27.95	2030.0	979298.30	0.24	-84.42
CMP-0175	32 16.15	112 28.00	2060.0	979299.29	0.27	-83.11
CMP-0176	32 17.40	112 28.05	2080.0	979300.93	0.28	-81.97
CMP-0177	32 18.45	112 20.05	2100.0	979301.64	0.24	-81.53
CMP-0981	32 21.39	112 29.05	2177.0	979306.86	0.35	-75.61
CMP-0982	32 23.82	112 28.57	2237.0	979304.25	0.44	-77.86
CMP-0983	32 26.17	112 29.22	2291.0	979301.05	0.47	-81.01
CMP-0984	32 27.05	112 28.84	2324.0	979299.86	0.52	-81.39
CMP-0985	32 25.52	112 28.97	2267.0	979302.00	0.45	-80.63
CMP-0986	32 24.28	112 28.06	2341.0	979298.14	0.78	-78.05
CMP-0987	32 21.73	112 29.22	2185.0	979306.82	0.35	-75.63
CMP-0988	32 22.13	112 28.47	2194.0	979307.44	0.35	-75.03
CMP-0989	32 21.58	112 26.55	2231.0	979303.00	0.41	-76.45
CMP-0991	32 20.97	112 24.72	2241.0	979303.38	0.42	-74.63
CMP-0992	32 20.72	112 24.07	2291.0	979300.84	0.71	-73.55
CMP-0993	32 20.58	112 23.24	2201.0	979308.33	0.34	-71.62
CMP-0994	32 20.07	112 23.76	2186.0	979305.63	0.35	-74.50
CMP-0995	32 18.21	112 24.66	2169.0	979298.93	0.31	-79.73
CMP-0996	32 17.29	112 24.77	2136.0	979298.44	0.29	-80.96
CMP-0997	32 20.45	112 22.69	2184.0	979309.53	0.33	-71.26
CMP-0998	32 20.38	112 20.60	2140.7	979304.32	0.29	-79.00

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
CMP-0999	32	22.18	112	18.72	2139.0	979307.03	0.30	-78.83
CMP-1300	32	21.62	112	19.05	2132.0	979307.01	0.27	-78.54
CMP-1301	32	23.06	112	18.18	2154.0	979307.88	0.33	-78.25
CMP-1302	32	23.27	112	17.36	2175.0	979306.79	0.29	-78.42
CMP-1303	32	23.97	112	16.60	2215.4	979305.85	0.31	-77.88
CMP-1304	32	24.53	112	16.00	2228.0	979304.26	0.32	-79.48
CMP-1336	32	15.80	112	15.41	2259.0	979299.79	1.03	-69.51
CMP-1337	32	15.97	112	16.16	2436.0	979287.06	1.23	-71.71
CMP-1338	32	17.47	112	19.51	2035.0	979302.30	0.20	-83.46
CMP-1339	32	16.87	112	19.69	2033.0	979300.34	0.19	-84.72
CMP-1340	32	16.37	112	18.05	2103.0	979301.89	0.22	-78.29
CMP-1341	32	16.46	112	20.61	2010.0	979298.08	0.20	-87.79
CMP-1558	32	15.41	112	20.98	1990.0	979290.23	0.18	-95.42
CMP-1559	32	16.14	112	20.72	2003.0	979292.67	0.20	-93.18
CMP-1574	32	20.53	112	29.20	2155.0	979304.18	0.32	-78.46
CMP-1575	32	20.02	112	29.33	2148.0	979303.03	0.37	-79.28
CMP-1576	32	19.27	112	29.48	2298.0	979291.60	1.27	-79.85
CMP-1577	32	19.35	112	29.15	2368.0	979288.08	2.21	-78.36
CMP-1578	32	19.91	112	29.95	2132.0	979303.58	0.36	-79.55
CMP-1579	32	15.32	112	27.33	2039.0	979298.30	0.26	-84.23
CMP-1585	32	28.44	112	17.20	2221.0	979311.15	0.29	-78.36
CMP-1586	32	27.66	112	16.23	2191.0	979307.25	0.25	-83.03
CMP-1590	32	28.58	112	18.06	2242.0	979309.72	0.50	-78.52
CMP-1591	32	28.20	112	19.00	2425.0	979295.90	0.47	-80.94
CMP-1593	32	27.82	112	18.38	2324.0	979304.89	0.45	-77.47
CMP-1594	32	27.07	112	18.10	2244.0	979308.90	0.39	-77.27
CMP-1595	32	26.67	112	18.03	2259.0	979307.18	0.45	-77.49
CMP-1596	32	24.81	112	15.24	2260.0	979302.79	0.39	-79.35
CMP-1597	32	23.70	112	16.12	2421.0	979290.99	2.14	-78.28
CMP-1598	32	22.89	112	19.61	2305.0	979304.57	0.99	-71.67
CMP-1599	32	22.77	112	19.85	2240.0	979310.51	0.55	-69.88
CMP-1600	32	22.48	112	18.83	2156.0	979307.55	0.32	-77.69
CMP-1601	32	20.76	112	19.69	2130.0	979303.69	0.26	-80.82
CMP-1602	32	20.42	112	21.71	2160.0	979307.23	0.31	-74.97
CMP-1603	32	21.62	112	28.40	2181.0	979307.76	0.35	-74.79
CMP-1650	32	22.54	112	29.39	2402.0	979292.06	1.35	-77.55
CMP-1651	32	23.23	112	29.95	2238.0	979303.47	0.44	-77.78
CMP-1652	32	24.02	112	29.61	2230.0	979306.21	0.44	-76.59
CMP-1653	32	24.77	112	28.79	2248.0	979304.21	0.47	-78.51
CMP-1654	32	28.39	112	28.03	2396.0	979301.30	0.55	-77.45

## PRINCIPAL FACTS

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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
CMP-1668	32 29.32	112 29.81	2400.0	979302.88	0.54	-76.90
CMP-839	32 27.86	112 28.93	2354.0	979300.25	0.52	-80.31
CMP-840	32 28.09	112 28.38	2374.0	979301.35	0.53	-78.32
CMP-841	32 28.23	112 27.37	2452.0	979297.65	1.09	-77.00
CMP-842	32 28.11	112 26.28	2620.0	979288.63	0.71	-76.21
CMP-844	32 28.89	112 24.53	2473.0	979296.57	1.19	-77.63
CMP-845	32 29.31	112 23.61	2435.0	979302.46	0.79	-74.97
CMP-846	32 29.67	112 22.58	2365.0	979305.56	0.49	-76.84
COC-0102	32 5.52	111 26.39	2944.1	979211.67	1.20	-102.63
COC-103	32 6.66	111 26.02	3168.1	979195.78	2.27	-105.62
COC-104	32 9.32	111 26.76	3027.1	979213.92	2.93	-98.85
COC-1211	32 13.30	111 29.81	2299.1	979261.97	0.05	-102.52
COC-1212	32 12.96	111 29.50	2323.1	979259.66	0.06	-102.92
COC-1213	32 12.62	111 29.17	2350.1	979257.19	0.07	-103.31
COC-1214	32 12.28	111 28.84	2376.1	979254.64	0.09	-103.83
COC-1215	32 11.95	111 28.52	2407.1	979252.46	0.10	-103.70
COC-1216	32 11.70	111 28.11	2435.1	979251.19	0.14	-102.92
COC-1219	32 10.16	111 25.55	2680.1	979244.03	0.59	-92.92
COC-1220	32 10.37	111 25.91	2670.1	979245.09	0.56	-92.77
COC-1221	32 10.47	111 26.12	2635.1	979246.85	0.52	-93.28
COC-1222	32 10.72	111 26.48	2587.1	979249.16	0.41	-94.28
COC-1223	32 10.85	111 26.27	2572.1	979248.42	1.62	-94.88
COC-1224	32 10.96	111 26.89	2567.1	979247.74	0.26	-97.37
COC-1225	32 11.08	111 27.06	2553.1	979247.51	0.22	-98.64
COC-1226	32 11.19	111 27.25	2507.1	979249.75	0.24	-99.27
COC-1227	32 11.32	111 27.46	2482.1	979250.35	0.21	-100.37
COC-1228	32 11.46	111 27.69	2467.1	979250.32	0.18	-101.52
COC-1229	32 11.58	111 27.89	2450.1	979250.82	0.16	-102.21
COC-592	32 3.70	111 23.26	2644.1	979219.37	0.86	-110.70
COC-593	32 3.02	111 25.28	2690.1	979217.52	0.67	-109.07
COC-594	32 1.66	111 27.17	2806.1	979207.53	0.48	-110.49
COC-595	32 0.63	111 28.69	3008.1	979193.70	1.70	-109.65
COC-596	32 1.67	111 25.15	2727.1	979208.78	0.52	-113.93
COC-597	32 2.54	111 25.14	2695.1	979214.90	0.75	-110.67
COC-598	32 2.64	111 24.10	2662.1	979214.83	0.92	-112.67
COC-599	32 2.65	111 23.08	2624.1	979214.81	0.92	-114.97
COC-602	32 3.77	111 28.39	2754.1	979219.00	0.56	-104.91
COC-604	32 4.95	111 29.31	2686.1	979226.74	0.62	-102.76
COC-606	32 9.22	111 29.64	2463.1	979244.23	0.15	-104.83
COC-607	32 10.05	111 29.92	2414.1	979247.25	0.11	-105.90

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: University of Arizona

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
COM-1476	32	8.14	111	45.60	2850.1	979223.64	1.32	-99.70
COM-1478	32	12.63	111	48.15	2285.1	979274.25	0.81	-89.40
COM-1479	32	13.77	111	48.78	2178.1	979282.16	0.27	-89.96
COM-1480	32	13.88	111	49.78	2154.1	979282.82	0.26	-90.89
COM-1481	32	12.77	111	50.64	2292.1	979273.53	0.44	-90.26
COM-1482	32	11.22	111	51.28	2342.1	979266.33	0.63	-92.19
COM-1483	32	10.45	111	53.47	2364.1	979268.10	0.42	-88.27
COM-1484	32	9.62	111	53.33	2492.1	979258.81	0.59	-88.62
COM-1485	32	10.45	111	55.59	2268.1	979274.00	0.24	-88.28
COM-1486	32	10.83	111	56.10	2228.1	979276.17	0.21	-89.03
COM-1487	32	10.74	111	57.59	2182.1	979273.15	0.16	-94.73
COM-1488	32	9.94	111	56.98	2252.1	979269.47	0.21	-93.10
COM-1489	32	7.97	111	55.58	2446.1	979252.22	0.34	-95.97
COM-1490	32	5.77	111	53.53	2653.1	979234.25	0.55	-98.40
COM-1521	32	4.93	111	54.29	2654.1	979234.64	0.83	-96.53
COM-1522	32	6.68	111	53.82	2620.1	979233.85	0.48	-102.07
COM-1523	32	8.87	111	57.18	2322.1	979260.54	0.27	-96.34
COM-1524	32	10.42	111	57.89	2203.1	979267.88	0.17	-98.30
COM-1525	32	14.45	111	59.85	1936.1	979293.85	0.06	-93.83
COM-1747	32	3.38	111	59.68	2324.1	979266.38	0.36	-82.85
COM-1748	32	3.95	111	59.72	2389.1	979262.07	0.45	-83.96
COM-206	32	11.77	111	46.14	2344.1	979268.34	0.41	-91.02
COM-207	32	11.86	111	46.81	2352.1	979268.29	0.39	-90.74
COM-208	32	12.10	111	47.12	2332.1	979269.99	0.49	-90.46
COM-209	32	13.24	111	48.95	2211.1	979279.50	0.57	-89.63
COM-211	32	11.48	111	45.33	2342.1	979267.34	0.38	-91.78
COM-216	32	14.01	111	50.61	2134.1	979284.35	0.19	-90.80
COM-217	32	14.22	111	49.91	2322.1	979272.45	0.99	-90.97
COM-219	32	13.21	111	51.57	2157.1	979282.60	0.20	-90.08
COM-222	32	2.88	111	57.05	2705.1	979238.47	1.58	-86.13
COM-224	32	3.70	111	56.54	2485.1	979254.86	0.73	-84.83
COM-225	32	4.61	111	55.10	2588.1	979243.50	0.46	-91.55
COM-227	32	4.74	111	52.95	2758.1	979227.46	0.58	-97.50
COM-230	32	3.80	111	48.27	3208.1	979189.91	0.94	-106.56
COM-231	32	2.72	111	46.86	3042.1	979197.71	1.62	-106.52
COM-232	32	1.89	111	46.09	3227.1	979180.44	2.39	-110.86
COM-237	32	0.96	111	55.81	2491.1	979255.53	0.50	-80.32
COM-239	32	2.55	111	56.49	2445.1	979257.65	0.46	-83.14
COM-240	32	2.22	111	57.24	2374.1	979262.70	0.39	-81.94
COM-292	32	5.67	111	59.25	2504.4	979264.66	1.53	-75.74

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
COM-293	32	5.24	111	58.08	2377.1	979261.16	0.28	-87.50
COM-330	32	0.12	111	58.86	2219.1	979264.26	0.24	-86.94
COM-331	32	0.96	111	58.26	2274.1	979265.79	0.27	-83.23
COM-332	32	2.38	111	58.35	2306.1	979268.57	0.50	-80.24
COM-610	32	1.76	111	48.13	3941.2	979136.19	7.60	-107.09
COM-611	32	3.35	111	47.27	3127.1	979194.11	1.05	-106.48
COM-612	32	3.17	111	48.19	3420.1	979176.91	1.67	-105.32
COM-613	32	6.00	111	49.01	3360.1	979186.28	1.69	-103.35
COM-618	32	5.56	111	50.46	2985.1	979207.38	0.80	-104.92
COM-620	32	7.18	111	53.80	2625.1	979239.21	0.50	-97.07
COM-621	32	7.79	111	53.33	2653.1	979241.47	0.59	-93.88
COM-622	32	7.89	111	51.27	3129.1	979211.09	1.77	-94.81
COM-623	32	8.91	111	53.12	2631.1	979248.00	0.70	-90.07
COM-624	32	9.37	111	53.88	2480.1	979263.60	0.49	-84.31
COM-627	32	11.80	111	56.50	2229.1	979273.03	0.27	-93.37
COM-629	32	14.55	111	57.99	1956.1	979296.36	0.09	-90.24
COM-631	32	11.18	111	53.25	2269.1	979273.80	0.35	-89.30
COM-632	32	11.30	111	52.84	2279.1	979272.91	0.36	-89.74
COM-634	32	9.99	111	50.26	2925.1	979223.98	2.33	-96.38
DAT 35	32	46.52	113	28.00	590.0	979481.61	-0.05	-30.17
DAT-0138	32	45.91	113	37.31	400.0	979491.30	-0.15	-31.06
DAT-0139	32	46.21	113	36.44	405.0	979493.25	-0.15	-29.22
DAT-0141	32	47.10	113	34.03	418.0	979502.65	-0.13	-20.24
DAT-0142	32	47.53	113	32.98	435.0	979504.14	-0.15	-18.35
DAT-0149	32	47.70	113	35.34	408.0	979499.97	-0.15	-24.36
DAT-0151	32	50.15	113	35.73	420.0	979497.85	-0.15	-29.12
DAT-0152	32	51.28	113	36.24	355.0	979499.30	-0.16	-33.11
DAT-0156	32	50.39	113	32.38	440.0	979497.66	-0.14	-28.44
DAT-0158	32	52.15	113	32.38	372.0	979496.76	-0.17	-35.84
DAT-0204	32	51.29	113	31.38	374.0	979499.74	-0.15	-31.54
DAT-0208	32	49.55	113	31.38	440.0	979501.07	-0.16	-23.90
DAT-0210	32	50.43	113	30.37	440.0	979497.36	-0.16	-28.82
DAT-0211	32	50.43	113	31.38	440.0	979498.22	-0.15	-27.95
DAT-0212	32	47.88	113	31.97	454.0	979503.57	-0.15	-18.27
DAT-0213	32	48.14	113	31.25	460.0	979502.90	-0.14	-18.93
DAT-0214	32	48.50	113	30.42	472.0	979502.60	-0.14	-19.00
DAT-0215	32	47.51	113	30.26	630.0	979498.67	0.23	-11.80
DAT-0216	32	46.88	113	30.37	506.0	979501.46	-0.12	-15.88
DAT12	32	46.25	113	28.13	569.0	979482.31	0.05	-30.24
DAT24	32	46.32	113	27.73	568.0	979481.96	-0.08	-30.88



## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation

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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
DAT32	32 46.42	113 28.00	576.0	979481.87	0.08	-30.47
DBK-1019	32 46.57	111 52.36	1382.1	979387.46	-0.19	-77.34
DBK-1020	32 46.04	111 52.36	1389.0	979388.75	-0.20	-74.92
DBK-1024	32 46.04	111 54.45	1379.0	979388.30	-0.16	-75.92
DBK-1025	32 46.04	111 55.43	1402.1	979386.43	-0.16	-76.42
DBK-1026	32 46.04	111 56.41	1437.0	979383.55	-0.13	-77.19
DBK-1027	32 46.04	111 57.47	1484.2	979381.74	-0.09	-76.15
DBK-1028	32 46.04	111 58.49	1534.1	979380.40	-0.04	-74.46
DBK-1069	32 46.12	111 57.92	1490.1	979381.60	-0.08	-76.03
DBK-1070	32 45.87	111 57.53	1480.1	979381.25	-0.09	-76.65
DBK-1071	32 45.66	111 57.17	1466.0	979380.50	-0.10	-77.96
DBK-1072	32 45.45	111 56.78	1455.1	979380.01	-0.12	-78.84
DBK-1073	32 45.24	111 56.39	1442.1	979380.02	-0.13	-79.32
DBK-1074	32 45.03	111 56.01	1434.5	979379.89	-0.13	-79.61
DBK-1123	32 46.03	111 59.51	1580.1	979378.71	0.13	-73.23
DIZ-778	31 54.19	112 31.95	1887.0	979293.90	0.36	-68.96
DIZ-780	31 48.03	112 33.44	1705.0	979306.42	0.37	-58.97
DIZ-781	31 48.89	112 33.40	1732.0	979304.17	0.35	-60.79
DIZ-783	31 50.03	112 33.97	1780.0	979304.94	0.32	-58.73
DIZ-784	31 50.83	112 33.76	1792.0	979300.29	0.27	-63.79
DIZ-785	31 51.69	112 33.58	1826.0	979297.14	0.28	-66.06
DIZ-786	31 52.52	112 33.71	1869.0	979294.96	0.30	-66.78
DIZ-787	31 53.34	112 33.87	1901.0	979295.02	0.30	-65.92
DIZ-788	31 54.12	112 33.71	1931.0	979293.34	0.32	-66.84
DIZ-789	31 54.34	112 33.50	1920.0	979293.99	0.36	-67.10
DIZ-790	31 54.81	112 33.83	1948.0	979293.25	0.43	-66.74
DIZ-791	31 55.43	112 34.31	1992.0	979292.09	0.50	-66.04
DIZ-792	31 56.41	112 34.56	2031.0	979290.19	0.69	-66.76
DIZ-794	31 57.99	112 34.97	2106.0	979281.44	0.68	-73.18
DIZ-795	31 58.86	112 34.84	2138.0	979278.72	0.52	-75.33
DZP-0904	31 49.59	112 32.84	1743.0	979299.69	0.40	-65.51
DZP-0906	31 49.81	112 32.09	1750.0	979293.13	0.32	-72.02
DZP-0907	31 49.42	112 31.71	1743.0	979293.56	0.35	-71.45
DZP-0908	31 49.33	112 30.93	1754.0	979290.78	0.30	-73.51
DZP-1538	31 58.16	112 35.68	2148.0	979278.54	0.64	-73.85
DZP-1539	31 58.17	112 36.98	2213.0	979276.69	1.02	-71.46
DZP-1540	31 58.40	112 37.60	2280.0	979273.11	1.11	-71.26
DZP-1541	31 58.72	112 38.39	2539.0	979259.05	1.31	-70.10
DZP-1542	31 57.09	112 35.37	2114.0	979283.22	0.84	-69.55
DZP-1543	31 57.12	112 36.12	2198.0	979278.19	2.54	-67.91

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
DZP-1544	31	56.74	112	32.49	1957.0	979292.35	0.51	-69.63
DZP-1545	31	57.57	112	33.34	2076.0	979284.98	1.70	-69.84
ELY-637	32	44.91	111	44.38	1475.1	979381.78	-0.21	-75.22
ELY-638	32	44.03	111	44.39	1483.1	979377.79	-0.21	-77.53
ELY-639	32	43.14	111	44.40	1496.1	979375.04	-0.21	-78.29
ELY-642	32	41.38	111	44.41	1509.1	979372.96	-0.18	-77.15
ELY-643	32	41.16	111	44.41	1514.0	979372.47	-0.16	-77.02
ELY-644	32	40.94	111	44.42	1518.0	979371.28	-0.16	-77.67
ELY-645	32	40.52	111	44.40	1526.0	979370.27	-0.14	-77.61
EST-0031	32	54.77	112	15.25	1590.0	979393.83	0.02	-69.62
EST-0032	32	54.00	112	15.58	1620.0	979389.59	0.03	-71.00
EST-0033	32	52.16	112	15.27	1675.0	979381.43	0.06	-73.33
EST-0034	32	51.28	112	15.27	1706.0	979373.07	0.07	-78.62
EST-0058	32	50.51	112	15.32	1740.0	979367.50	0.10	-81.08
EST-0071	32	59.14	112	16.27	1478.0	979407.86	0.62	-67.67
EST-0072	32	59.14	112	16.80	1478.0	979405.75	0.39	-70.01
EST-0073	32	59.14	112	17.30	1483.0	979405.09	0.29	-70.47
EST-2001	32	49.69	112	16.37	1790.0	979366.33	0.12	-78.12
EST-2002	32	49.12	112	15.85	1790.0	979364.27	0.12	-79.40
EST-2003	32	48.37	112	18.34	1925.0	979361.25	0.25	-73.21
EST-2004	32	49.04	112	17.00	1835.0	979364.56	0.17	-76.26
EST-2005	32	47.82	112	15.26	1839.0	979359.66	0.19	-79.23
EST-2006	32	46.95	112	15.26	1895.0	979359.46	0.25	-74.84
EST-2007	32	45.69	112	16.05	2228.0	979357.98	1.67	-53.32
EST-3001	32	52.70	112	15.47	1752.0	979379.83	0.30	-70.84
EST-3002	32	53.91	112	16.29	1644.0	979387.21	0.13	-71.73
EST-3003	32	53.03	112	16.29	1658.0	979382.16	0.09	-74.77
EST-3004	32	53.09	112	17.32	1700.0	979379.59	0.29	-74.72
EST-3005	32	52.16	112	17.32	1721.0	979375.13	0.19	-76.75
EST-3006	32	53.91	112	17.32	1698.0	979383.24	0.30	-72.31
EST-3007	32	53.91	112	18.34	1780.0	979379.89	0.49	-70.58
EST-3008	32	54.78	112	18.34	1765.0	979382.17	0.37	-70.51
EST-3009	32	55.65	112	17.32	1668.0	979391.10	0.27	-68.66
EST-3010	32	54.78	112	17.32	1689.0	979387.62	0.30	-69.66
EST-6013	32	56.53	112	28.88	1448.0	979409.33	0.18	-64.84
EST-6014	32	56.53	112	27.18	1673.0	979397.95	0.38	-62.61
GAC-0033	32	26.82	112	14.66	2245.0	979310.18	0.31	-75.67
GAC-1305	32	21.41	112	3.25	1816.0	979316.94	0.06	-87.37
GAC-1306	32	21.80	112	2.38	1781.0	979316.58	0.02	-90.39
GAC-1307	32	22.25	112	1.67	1761.0	979315.48	-0.01	-93.32

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
GAC-1308	32	23.06	112	1.54	1737.0	979314.94	0.02	-96.37
GAC-1309	32	24.39	112	1.43	1705.0	979315.13	0.18	-99.73
GAC-1310	32	24.86	112	1.39	1692.0	979314.98	0.21	-101.27
GAC-1311	32	24.10	112	2.18	1732.0	979314.61	0.12	-98.31
GAC-1315	32	17.20	112	4.55	1947.0	979314.00	0.15	-76.68
GAC-1317	32	16.26	112	6.38	2051.0	979312.33	0.18	-70.85
GAC-1319	32	16.12	112	7.11	2175.0	979305.78	0.38	-69.61
GAC-1320	32	16.09	112	7.99	2139.0	979308.85	0.29	-68.73
GAC-1321	32	15.42	112	8.27	2189.0	979304.02	0.45	-69.51
GAC-1322	32	16.60	112	8.45	2148.0	979308.95	0.28	-68.80
GAC-1323	32	17.03	112	8.84	2107.0	979311.80	0.39	-68.87
GAC-1324	32	15.27	112	8.71	2245.0	979300.46	0.31	-69.67
GAC-1325	32	15.45	112	9.23	2239.0	979301.01	0.29	-69.74
GAC-1326	32	16.26	112	9.51	2184.0	979305.75	0.23	-69.44
GAC-1327	32	15.03	112	10.27	2286.0	979294.33	0.40	-72.94
GAC-1328	32	15.15	112	11.19	2354.0	979295.23	0.36	-68.18
GAC-1329	32	15.67	112	11.53	2294.0	979288.84	0.34	-78.88
GAC-1331	32	16.66	112	12.64	2240.0	979289.41	0.33	-82.88
GAC-1332	32	15.71	112	13.82	2314.0	979286.01	0.44	-80.47
GAC-1333	32	16.37	112	13.57	2269.0	979287.70	0.35	-82.45
GAC-1334	32	16.87	112	14.35	2233.0	979295.42	0.32	-77.59
GAC-1335	32	15.74	112	14.81	2298.0	979291.62	0.52	-75.78
GAC-1758	32	21.36	112	2.71	1795.0	979315.60	0.02	-89.93
GAC-1759	32	21.33	112	2.12	1778.0	979314.75	0.01	-91.77
GAC-1760	32	21.35	112	1.13	1755.0	979312.56	0.00	-95.36
GAC-1761	32	21.37	112	0.52	1740.0	979312.95	0.01	-95.89
GAC-1762	32	21.37	112	0.13	1735.0	979314.11	0.04	-95.00
GAC-1763	32	21.39	112	4.14	1839.0	979320.65	0.14	-82.18
GAC-1764	32	21.37	112	4.69	2003.0	979316.97	0.32	-75.88
GAC-259	32	16.01	112	1.15	1892.0	979303.78	0.12	-88.59
GAC-260	32	17.39	112	0.41	1848.0	979302.86	0.45	-93.68
GAC-261	32	19.50	112	0.93	1781.0	979306.70	0.03	-97.12
GAC-262	32	20.57	112	3.38	1824.0	979317.94	0.09	-84.72
GAC-263	32	19.94	112	3.04	1815.0	979315.13	0.06	-87.24
GAC-264	32	17.94	112	3.03	1870.0	979311.39	0.13	-84.91
GAC-303	32	15.49	112	4.30	2008.0	979308.80	0.11	-75.96
GAC-305	32	16.36	112	2.88	1923.0	979311.99	0.13	-79.00
GAC-306	32	18.92	112	2.72	1828.0	979311.47	0.08	-88.72
GAC-310	32	19.49	112	2.36	1803.0	979311.96	0.04	-90.53
GAC-311	32	20.16	112	1.47	1773.0	979310.92	0.01	-94.30

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: University of Arizona

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
GAC-544	32	18.60	112	3.50	1861.0	979314.22	0.18	-83.47
GAC-545	32	20.66	112	5.56	1890.0	979325.41	0.54	-72.98
GAC-546	32	20.88	112	6.64	1930.4	979321.54	0.30	-74.99
GAC-547	32	20.97	112	7.54	1959.0	979317.10	0.15	-78.00
GAC-548	32	21.25	112	8.49	1995.0	979312.48	0.14	-80.86
GAC-550	32	21.27	112	10.72	2051.0	979302.48	0.18	-87.51
GAC-551	32	19.94	112	11.34	2035.0	979304.21	0.24	-84.86
GAC-554	32	16.72	112	10.56	2191.0	979301.83	0.21	-73.59
GAC-558	32	22.06	112	10.41	2079.0	979303.43	0.33	-85.82
GAC-559	32	22.44	112	10.63	2095.0	979302.63	0.40	-86.10
GAC-560	32	23.29	112	10.47	2122.0	979303.09	0.30	-85.29
GAC-561	32	24.08	112	10.49	2163.0	979302.22	0.24	-84.86
GAC-562	32	24.98	112	10.59	2203.0	979302.72	0.28	-83.16
GAC-563	32	25.74	112	10.76	2236.0	979303.97	0.71	-80.55
GAC-565	32	26.59	112	10.93	2287.0	979308.67	0.73	-73.94
GAC-566	32	27.15	112	11.03	2321.0	979308.01	0.53	-73.54
GAC-567	32	27.50	112	11.88	2362.0	979303.72	0.35	-76.04
GAC-568	32	27.69	112	12.95	2306.0	979305.53	0.55	-77.63
GAC-569	32	27.85	112	13.99	2260.0	979303.64	0.37	-82.66
GAC-572	32	23.46	112	13.25	2254.0	979305.80	0.38	-74.87
GDK-0205	31	45.67	112	13.62	1880.0	979285.88	0.61	-65.65
GDK-0206	31	45.67	112	14.71	1837.2	979281.59	0.24	-72.86
GDK-0210	31	47.63	112	14.47	1830.0	979287.58	0.13	-70.06
GDK-0211	31	47.20	112	14.63	1826.0	979286.82	0.22	-70.38
GDK-0212	31	46.91	112	14.73	1824.0	979286.21	0.25	-70.69
GDK-0224	31	49.40	112	14.18	1828.5	979290.14	0.15	-69.95
GDK-0229	31	47.92	112	14.88	1820.5	979289.34	0.13	-69.25
GDK-0231	31	47.34	112	14.14	1837.0	979287.48	0.18	-69.29
GDK-0232	31	47.02	112	13.73	1843.0	979288.36	0.22	-67.59
GDK-0233	31	46.66	112	13.21	1919.0	979285.44	0.25	-65.46
GDK-0234	31	46.71	112	12.35	1885.0	979287.16	0.43	-65.65
GDK-0239	31	48.02	112	12.54	1855.0	979287.20	0.20	-69.40
GDK-0240	31	47.56	112	12.54	1859.5	979287.93	0.27	-67.71
GDK-0241	31	47.95	112	11.76	1847.5	979284.13	0.37	-72.65
GDK-0242	31	47.44	112	11.79	1875.5	979285.26	0.27	-69.27
GDK-0243	31	48.96	112	11.47	1876.0	979284.78	0.17	-71.87
GDK-0244	31	48.50	112	12.17	1865.5	979285.08	0.17	-71.57
GDK-0245	31	49.15	112	12.53	1857.0	979286.97	0.19	-71.05
GDK-0246	31	48.50	112	13.27	1844.0	979288.72	0.15	-69.24
GDK-0247	31	48.07	112	13.10	1840.5	979289.48	0.23	-68.02

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
GDK-0248	31	47.32	112	13.15	1855.5	979289.55	0.24	-66.04
GDK-0249	31	48.11	112	13.96	1827.0	979290.08	0.18	-68.33
GDK-0289	31	45.53	112	14.72	1835.0	979280.25	0.23	-74.16
GDK-0290	31	45.31	112	14.80	1829.0	979280.33	0.25	-74.12
GDK-0351	31	52.25	112	0.30	2108.0	979256.57	0.14	-90.71
GDK-0487	31	54.12	112	8.63	1891.0	979283.01	0.17	-79.71
GDK-0533	31	54.31	112	4.90	1985.0	979265.05	0.12	-92.37
GDK-1376	31	55.83	112	3.96	1998.0	979266.24	0.13	-92.45
GDK-1377	31	57.25	112	7.91	1919.0	979281.07	0.19	-84.19
GDK-1378	31	54.41	112	3.07	2038.0	979265.77	0.23	-88.51
GDK-1379	31	54.20	112	5.39	1965.0	979264.79	0.15	-93.65
GDK-1381	31	52.67	112	6.21	1941.0	979266.43	0.19	-91.33
GDK-1382	31	52.88	112	7.14	1918.0	979271.28	0.22	-88.10
GDK-1384	31	53.67	112	8.52	1895.0	979280.10	0.14	-81.80
GDK-323	31	59.15	112	2.03	2062.0	979266.62	0.18	-92.69
GDK-324	31	56.63	112	1.39	2074.0	979266.06	0.16	-89.15
GDK-327	31	56.98	112	0.47	2098.0	979263.41	0.20	-90.80
GDK-328	31	58.02	112	0.10	2126.0	979264.09	0.19	-89.86
GDK-335	31	55.04	112	0.94	2101.0	979267.10	0.15	-84.36
GDK-336	31	55.26	112	2.68	2044.0	979263.53	0.21	-91.56
GDK-337	31	56.16	112	3.20	2016.0	979265.94	0.17	-92.08
GDK-338	31	56.95	112	3.53	2007.0	979268.61	0.13	-91.06
GDK-344	31	54.64	112	2.32	2060.0	979262.82	0.17	-90.52
GDK-345	31	53.34	112	3.44	2016.0	979264.33	0.16	-89.89
GDK-346	31	52.82	112	4.12	1993.0	979261.03	0.15	-93.87
GDK-347	31	52.10	112	4.42	1988.0	979261.44	0.15	-92.79
GDK-348	31	52.39	112	6.00	1947.0	979266.29	0.21	-90.71
GDK-349	31	51.73	112	3.75	1999.0	979259.24	0.13	-93.85
GDK-350	31	51.92	112	3.12	2019.0	979257.08	0.12	-95.09
GDK-357	31	50.18	112	2.15	2030.0	979253.14	0.10	-96.04
GDK-358	31	49.47	112	2.98	2021.0	979253.59	0.10	-95.17
GDK-360	31	49.37	112	8.60	1920.0	979277.31	0.34	-77.09
GDK-361	31	48.87	112	8.86	1923.0	979279.46	0.34	-74.09
GDK-362	31	48.50	112	10.36	1897.0	979282.04	0.25	-72.65
GDK-363	31	48.50	112	11.60	1874.0	979284.55	0.24	-71.53
GDK-399	31	49.34	112	7.24	1944.0	979272.87	0.22	-80.19
GDK-400	31	48.19	112	9.69	1914.0	979280.51	0.34	-72.66
GDK-401	31	47.69	112	8.74	1937.0	979279.49	0.23	-71.74
GDK-402	31	47.43	112	7.75	1956.0	979274.81	0.17	-75.00
GDK-403	31	46.26	112	6.45	2017.0	979262.80	0.17	-81.80

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
GDK-404	31	46.83	112	7.03	1984.0	979268.91	0.17	-78.42
GDK-405	31	45.47	112	6.05	2049.0	979257.54	0.18	-84.08
GDK-484	31	54.35	112	4.14	2004.0	979267.32	0.14	-89.00
GDK-485	31	53.77	112	4.56	1990.0	979265.12	0.12	-91.28
GDK-486	31	53.29	112	7.30	1917.0	979272.63	0.16	-87.42
GDK-488	31	54.89	112	8.97	1882.0	979287.57	0.19	-76.71
GDK-491	31	53.50	112	9.48	1885.0	979285.74	0.12	-76.55
GDK-492	31	53.77	112	10.32	1873.0	979291.59	0.16	-71.73
GDK-493	31	54.26	112	11.38	1858.0	979294.80	0.46	-69.79
GDK-494	31	54.82	112	12.04	1848.0	979298.02	0.25	-68.12
GDK-496	31	56.26	112	12.34	1838.0	979297.87	0.25	-70.82
GDK-497	31	56.79	112	12.60	1839.0	979297.02	0.26	-72.31
GDK-498	31	56.98	112	13.58	1836.0	979298.48	0.25	-71.30
GDK-499	31	57.40	112	14.26	1842.0	979298.49	0.20	-71.55
GDK-527	31	47.64	112	14.99	1820.0	979288.62	0.12	-69.64
GDK-528	31	47.63	112	14.07	1838.0	979288.13	0.14	-69.02
GDK-529	31	48.50	112	13.87	1834.0	979289.70	0.14	-68.86
GDK-531	31	49.15	112	12.47	1857.0	979286.87	0.19	-71.15
GDK-534	31	52.35	112	9.08	1899.0	979281.36	0.12	-78.54
GDK-535	31	51.52	112	9.72	1895.0	979284.16	0.11	-74.86
GDK-536	31	50.28	112	11.18	1873.0	979286.89	0.18	-71.71
GDK-537	31	50.89	112	10.46	1889.0	979285.75	0.16	-72.74
GDK-538	31	49.73	112	11.74	1865.0	979287.24	0.19	-71.08
GDK-539	31	49.52	112	13.46	1837.0	979290.86	0.19	-68.85
GDK-540	31	50.02	112	14.45	1822.0	979289.34	0.19	-71.93
GIL-6010	32	54.56	112	35.86	1055.0	979424.11	-0.01	-70.96
GIL-6011	32	56.53	112	31.72	1216.0	979413.53	0.03	-74.61
GIL-6012	32	56.53	112	30.68	1281.0	979410.53	0.05	-73.72
GIL-6015	32	59.14	112	30.73	1223.0	979426.63	0.68	-64.03
GIL-6016	32	58.27	112	30.73	1247.0	979425.92	0.33	-62.47
GIL-6017	32	57.40	112	30.73	1260.0	979419.98	0.11	-66.65
GIL-6018	32	55.34	112	33.23	1178.0	979418.33	0.06	-70.41
GIL-6019	32	54.47	112	31.62	1275.0	979409.75	0.31	-71.77
GIL-6020	32	53.03	112	31.71	1401.0	979413.13	0.16	-59.05
GUA-0003	32	26.34	112	2.92	1751.0	979322.21	0.11	-92.64
GUA-0005	32	29.92	112	3.43	1758.0	979323.04	0.11	-96.28
GUA-0006	32	29.82	112	5.36	1879.0	979329.45	0.41	-82.22
GUA-0008	32	25.72	112	7.24	2160.0	979315.32	0.93	-73.48
GUA-0009	32	26.32	112	5.82	1641.0	979320.44	5.41	-95.64
GUA-0010	32	22.78	112	2.72	1776.0	979316.91	0.03	-91.68

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
GUA-0012	32	16.99	112	0.94	1860.0	979304.91	0.30	-90.52
GUA-0014	32	23.21	112	13.86	2320.0	979299.70	0.59	-76.48
GUA-0016	32	22.65	112	13.25	2200.0	979307.57	0.24	-75.35
GUA-0017	32	22.59	112	13.74	2225.0	979306.53	0.31	-74.75
GUA-0018	32	22.24	112	14.43	2240.0	979305.57	0.38	-74.27
GUA-0019	32	22.27	112	12.92	2182.0	979308.25	0.23	-75.24
GUA-0020	32	21.77	112	12.36	2135.0	979304.42	0.26	-81.16
GUA-0021	32	23.08	112	12.71	2200.0	979309.05	0.23	-74.47
GUA-0022	32	20.51	112	11.10	2046.0	979302.75	0.20	-86.48
GUA-0023	32	21.53	112	10.35	2055.0	979303.41	0.17	-86.70
GUA-0026	32	17.25	112	2.49	1879.0	979309.74	0.19	-85.02
GUH-0250	32	15.25	112	13.95	2360.0	979284.16	0.45	-78.94
HOR-0159	32	53.02	113	32.39	372.0	979494.01	-0.17	-39.78
HOR-0160	32	53.88	113	32.39	384.0	979490.62	-0.17	-43.64
HOR-0161	32	53.88	113	33.41	380.0	979490.94	-0.16	-43.55
HOR-0162	32	53.88	113	31.49	391.0	979489.30	-0.17	-44.54
HOR-0163	32	54.75	113	30.91	406.0	979485.30	-0.17	-48.85
HOR-0164	32	54.97	113	31.52	410.0	979485.21	-0.16	-48.99
HOR-0165	32	54.89	113	32.39	412.0	979486.75	-0.16	-47.22
HOR-0166	32	55.69	113	32.39	432.0	979486.39	-0.13	-47.46
HOR-0167	32	55.24	113	33.41	439.0	979486.32	-0.14	-46.50
HOR-0168	32	54.43	113	35.35	423.0	979486.92	-0.14	-45.74
HOR-0169	32	53.59	113	37.22	399.0	979490.44	-0.14	-42.50
HOR-0170	32	53.59	113	34.16	473.0	979485.05	0.18	-43.17
HOR-0171	32	56.57	113	33.61	494.0	979487.61	-0.11	-43.74
HOR-0172	32	58.25	113	35.17	671.0	979493.79	0.05	-29.17
HOR-0173	32	59.11	113	35.91	755.0	979487.45	0.67	-31.06
HOR-0174	32	58.46	113	36.02	670.0	979491.82	0.19	-31.34
HOR-0175	32	57.75	113	37.02	630.0	979492.00	0.04	-32.72
HOR-0176	32	57.46	113	35.62	589.0	979492.48	-0.04	-34.36
HOR-0177	32	56.37	113	34.72	521.0	979485.83	-0.10	-43.62
HOR-0178	32	55.30	113	35.99	475.0	979484.81	-0.11	-45.92
HOR-0179	32	55.65	113	36.58	501.0	979484.63	-0.10	-45.02
HOR-0180	32	55.45	113	35.12	482.0	979484.58	-0.12	-45.95
HOR-0181	32	56.50	113	31.88	459.0	979490.86	-0.14	-42.50
HOR-0182	32	57.45	113	32.60	492.0	979492.57	-0.10	-40.09
HOR-0183	32	56.01	113	31.69	435.0	979486.60	-0.13	-47.51
HOR-0184	32	56.56	113	30.57	460.0	979489.53	-0.13	-43.84
HOR-0201	32	58.31	113	30.58	505.0	979500.35	-0.12	-32.74
HTM-1660	32	32.70	112	30.14	2320.0	979311.33	2.94	-75.44

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
HTM-1661	32	33.23	112	30.33	2304.0	979314.28	1.24	-75.87
HTM-1662	32	33.92	112	30.85	2160.0	979325.38	0.87	-74.67
HTM-1663	32	34.54	112	31.44	2080.0	979330.60	1.40	-74.54
HTM-1664	32	35.11	112	33.09	2163.0	979323.01	1.58	-77.78
HTM-1665	32	35.28	112	33.70	1960.0	979338.47	0.66	-75.58
HTM-838	32	30.74	112	33.44	2528.0	979291.72	0.93	-81.98
KAA-0066	32	32.65	112	22.65	2470.0	979297.80	0.63	-82.27
KAA-0067	32	32.50	112	23.85	2500.0	979302.27	0.71	-75.72
KAA-0068	32	32.85	112	25.25	2580.0	979306.61	0.62	-67.18
KAA-0069	32	33.30	112	25.35	2520.0	979306.04	0.92	-71.64
KAA-0070	32	33.70	112	26.90	2397.0	979313.52	0.76	-72.20
KAA-0071	32	34.25	112	28.20	2280.0	979320.43	0.71	-73.08
KAA-0072	32	35.45	112	29.50	2165.0	979335.43	0.53	-66.75
KAA-0073	32	29.50	112	34.86	2196.0	979329.64	6.09	-57.01
KAA-0074	32	33.90	112	25.90	2800.0	979283.36	2.24	-77.12
KAA-0075	32	34.25	112	25.45	3125.0	979262.67	4.25	-76.88
KAA-0076	32	31.55	112	23.75	2435.0	979301.11	0.51	-79.66
KAA-0077	32	31.60	112	23.10	2400.0	979301.56	0.44	-81.44
KAA-0080	32	30.70	112	16.75	2220.0	979319.47	0.30	-73.18
KAA-0083	32	32.50	112	18.05	2260.0	979313.09	0.32	-79.60
KAA-0084	32	33.05	112	17.65	2240.0	979316.75	0.35	-77.86
KAA-0085	32	33.80	112	17.35	2200.0	979319.86	0.28	-78.23
KAA-0086	32	31.95	112	19.00	2282.0	979308.87	0.55	-81.54
KAA-0087	32	32.30	112	19.85	2325.0	979306.63	0.58	-81.66
KAA-0088	32	32.75	112	20.65	2390.0	979304.64	0.41	-80.56
KAA-1588	32	30.47	112	18.48	2240.0	979313.64	0.37	-77.43
KAA-1655	32	30.30	112	28.81	2520.0	979298.69	0.85	-74.97
KAA-1656	32	30.66	112	28.53	2600.0	979295.38	0.90	-73.94
KAA-1657	32	31.18	112	28.41	2640.0	979291.88	1.27	-75.40
KAA-1658	32	31.60	112	28.08	2560.0	979296.35	1.17	-76.37
KAA-1659	32	32.56	112	29.32	2400.0	979307.76	1.17	-75.82
KAA-1667	32	32.11	112	28.51	2473.0	979302.99	1.50	-75.29
KAA-1671	32	30.96	112	21.38	2658.0	979286.36	1.91	-78.91
KAA-1672	32	31.79	112	22.57	2400.0	979301.48	0.43	-81.78
KAA-1673	32	31.28	112	22.14	2360.0	979305.55	0.47	-79.37
KAA-1674	32	30.29	112	21.40	2320.0	979311.00	0.69	-74.73
KAA-1675	32	30.10	112	20.29	2280.0	979311.67	0.91	-75.97
KAA-1676	32	30.50	112	19.64	2260.0	979313.19	0.99	-76.11
KAA-1677	32	31.53	112	17.91	2240.0	979314.23	0.64	-78.01
KAA-1678	32	32.11	112	16.56	2240.0	979312.40	0.35	-80.93



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Area: Ajo Quadrangle and Papago Indian Reservation

Data source: University of Arizona

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
KAA-1679	32	32.45	112	15.98	2160.0	979319.54	0.32	-79.05
KAA-1680	32	38.25	112	16.80	2259.0	979320.69	0.35	-79.90
KAA-1681	32	38.25	112	18.37	2335.0	979313.04	0.58	-82.78
KAA-1682	32	37.50	112	18.38	2360.0	979308.65	0.47	-84.77
KAA-1683	32	38.25	112	15.28	2142.0	979327.02	0.26	-80.63
KAA-847	32	30.02	112	20.74	2292.0	979311.07	0.72	-75.93
KAA-849	32	31.80	112	17.34	2244.0	979314.27	0.54	-78.20
KAA-850	32	32.75	112	15.12	2200.0	979317.10	0.23	-79.61
KAA-851	32	33.54	112	15.05	2101.0	979326.73	0.55	-76.64
KAK-1000	32	43.72	112	17.89	2185.0	979340.28	0.35	-72.20
KAK-1001	32	43.93	112	15.93	2045.0	979352.35	0.27	-68.85
KAK-2009	32	41.67	112	16.79	2167.0	979341.33	0.31	-69.47
KAK-2010	32	41.02	112	16.08	2129.0	979341.18	0.28	-71.02
KAK-2011	32	40.58	112	15.33	2089.0	979340.42	0.26	-73.58
KAK-4001	32	43.38	112	18.27	2259.0	979337.66	0.45	-69.84
KAK-4002	32	42.89	112	18.58	2327.0	979340.37	0.65	-62.21
KAK-4003	32	42.75	112	19.63	2386.0	979337.16	0.57	-61.79
KAK-4004	32	41.61	112	18.18	2283.0	979337.36	0.44	-66.30
KAK-4005	32	39.12	112	18.68	2473.0	979317.24	0.85	-71.27
KMV-0103	31	47.63	112	18.01	1767.0	979288.23	0.09	-73.20
KMV-0104	31	47.19	112	18.46	1753.0	979290.16	0.09	-71.51
KMV-0105	31	47.19	112	19.07	1748.0	979289.98	0.09	-71.99
KMV-0106	31	46.77	112	19.07	1741.0	979288.39	0.09	-73.43
KMV-0107	31	46.37	112	19.07	1740.0	979285.50	0.09	-75.84
KMV-0108	31	46.77	112	18.46	1752.5	979288.10	0.09	-73.03
KMV-0109	31	46.37	112	18.46	1750.0	979285.81	0.09	-74.93
KMV-0110	31	46.37	112	18.04	1756.5	979285.76	0.13	-74.56
KMV-0112	31	45.90	112	19.07	1743.0	979281.54	0.09	-78.99
KMV-0113	31	45.90	112	18.52	1748.5	979281.56	0.10	-78.63
KMV-0114	31	45.90	112	18.04	1758.0	979281.25	0.11	-78.36
KMV-0115	31	46.77	112	18.04	1759.5	979287.66	0.11	-73.03
KMV-0116	31	47.19	112	18.04	1760.5	979288.30	0.10	-72.92
KMV-0122	31	45.90	112	17.54	1767.5	979281.65	0.13	-77.38
KMV-0123	31	45.90	112	17.04	1776.0	979283.93	0.12	-74.60
KMV-0124	31	46.37	112	17.04	1773.0	979286.17	0.12	-73.17
KMV-0125	31	46.77	112	17.04	1777.5	979287.63	0.11	-71.99
KMV-0126	31	47.19	112	17.04	1774.0	979289.48	0.11	-70.92
KMV-0127	31	47.44	112	17.04	1777.0	979290.08	0.10	-70.49
KMV-0128	31	47.44	112	17.54	1766.5	979287.92	0.10	-73.27
KMV-0129	31	47.44	112	18.04	1763.5	979287.96	0.09	-73.42

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: University of Arizona

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
KMV-0130	31	47.19	112	17.54	1766.0	979286.94	0.12	-73.93
KMV-0131	31	46.77	112	17.54	1767.5	979286.71	0.13	-73.49
KMV-0132	31	46.37	112	17.54	1762.5	979285.31	0.15	-74.63
KMV-0133	31	47.44	112	18.46	1756.0	979290.93	0.09	-70.90
KMV-0137	31	45.44	112	17.04	1776.0	979281.16	0.12	-76.75
KMV-0138	31	45.44	112	17.54	1761.0	979279.28	0.11	-79.54
KMV-0139	31	45.44	112	18.04	1755.0	979278.57	0.10	-80.61
KMV-0140	31	45.44	112	18.52	1744.5	979278.85	0.10	-80.96
KMV-0141	31	45.44	112	19.07	1735.5	979279.49	0.09	-80.86
KMV-0142	31	45.44	112	19.72	1726.5	979280.37	0.10	-80.52
KMV-0143	31	45.90	112	19.72	1737.0	979282.72	0.10	-78.16
KMV-0144	31	46.37	112	19.72	1730.5	979286.37	0.09	-75.54
KMV-0145	31	46.77	112	19.72	1734.5	979288.69	0.09	-73.52
KMV-0146	31	47.19	112	19.72	1736.0	979291.28	0.09	-71.40
KMV-0147	31	47.44	112	19.72	1743.5	979292.26	0.09	-70.32
KMV-0148	31	47.44	112	19.07	1746.0	979292.05	0.09	-70.38
KMV-0154	31	45.02	112	19.07	1733.0	979276.75	0.09	-83.19
KMV-0155	31	44.40	112	19.46	1720.0	979274.94	0.10	-84.93
KMV-0156	31	43.75	112	19.72	1715.0	979274.41	0.12	-84.86
KMV-0157	31	43.62	112	19.22	1722.0	979272.74	0.12	-85.94
KMV-0158	31	43.48	112	18.75	1710.0	979273.39	0.10	-85.84
KMV-0159	31	43.44	112	18.58	1713.0	979273.05	0.10	-85.95
KMV-0160	31	43.38	112	18.45	1715.0	979273.14	0.10	-85.65
KMV-0161	31	43.30	112	18.16	1724.0	979273.19	0.12	-84.94
KMV-0162	31	43.20	112	17.83	1732.0	979273.57	0.13	-83.94
KMV-0163	31	43.05	112	17.42	1742.0	979274.87	0.13	-81.84
KMV-0164	31	42.80	112	16.55	1771.5	979278.12	0.14	-76.49
KMV-0165	31	42.50	112	15.57	1820.0	979280.55	0.17	-70.73
KMV-0166	31	42.35	112	15.12	1840.0	979281.30	0.20	-68.56
KMV-0176	31	43.86	112	19.96	1716.0	979275.24	0.15	-84.09
KMV-0177	31	44.01	112	20.38	1702.5	979277.74	0.12	-82.63
KMV-0178	31	44.28	112	21.35	1693.0	979281.74	0.17	-79.50
KMV-0179	31	44.50	112	22.04	1690.0	979284.51	0.16	-77.23
KMV-0180	31	44.77	112	22.86	1683.0	979286.75	0.18	-75.74
KMV-0181	31	45.12	112	24.07	1675.0	979289.09	0.15	-74.38
KMV-0182	31	45.42	112	24.87	1675.0	979293.10	0.17	-70.75
KMV-0183	31	45.56	112	25.21	1677.0	979295.02	0.15	-68.92
KMV-0184	31	45.61	112	25.56	1687.0	979296.17	0.20	-67.19
KMV-0185	31	45.89	112	26.24	1709.0	979297.38	0.23	-65.02
KMV-0186	31	45.83	112	26.24	1711.0	979297.24	0.22	-64.97

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
KMV-0187	31	45.89	112	26.55	1719.0	979296.79	0.20	-65.05
KMV-0188	31	46.13	112	27.25	1741.0	979295.08	0.27	-65.70
KMV-0189	31	46.33	112	27.92	1759.5	979295.26	0.30	-64.66
KMV-0190	31	46.43	112	28.27	1775.0	979295.76	0.38	-63.29
KMV-0191	31	46.51	112	28.55	1938.0	979286.07	0.75	-63.00
KMV-0192	31	46.75	112	29.29	1862.0	979292.30	0.99	-61.38
KMV-0198	31	47.63	112	17.55	1772.5	979289.01	0.09	-72.10
KMV-0199	31	47.63	112	16.52	1784.5	979289.66	0.14	-70.67
KMV-0200	31	47.27	112	16.36	1789.5	979288.20	0.12	-71.37
KMV-0201	31	46.85	112	16.70	1785.0	979288.07	0.11	-71.22
KMV-0202	31	46.32	112	16.23	1785.0	979286.18	0.18	-72.32
KMV-0203	31	46.45	112	15.66	1802.0	979285.80	0.31	-71.74
KMV-0204	31	46.06	112	15.27	1928.0	979275.31	0.19	-74.30
KMV-0207	31	45.70	112	15.74	1799.0	979284.60	0.23	-72.18
KMV-0209	31	47.63	112	15.52	1808.0	979289.71	0.12	-69.25
KMV-0219	31	48.07	112	18.03	1767.0	979290.57	0.09	-71.45
KMV-0220	31	48.41	112	17.55	1805.0	979291.43	0.10	-68.78
KMV-0221	31	48.82	112	17.10	1789.0	979293.79	0.18	-67.84
KMV-0222	31	49.00	112	16.32	1786.0	979293.82	0.30	-68.12
KMV-0223	31	49.10	112	15.41	1807.0	979291.72	0.22	-69.18
KMV-0225	31	49.99	112	17.62	1849.0	979288.46	0.21	-71.15
KMV-0226	31	49.62	112	17.14	1783.0	979293.12	0.49	-69.64
KMV-0227	31	48.77	112	16.04	1795.0	979293.83	0.19	-67.37
KMV-0228	31	48.47	112	15.61	1793.0	979293.39	0.20	-67.51
KMV-0230	31	48.17	112	15.17	1812.0	979291.52	0.14	-67.90
KMV-0255	31	47.32	112	15.44	1810.0	979288.71	0.13	-69.70
KMV-0256	31	46.08	112	14.57	1846.0	979284.13	0.22	-70.37
KMV-0257	31	46.25	112	14.01	1852.0	979284.77	0.22	-69.60
KMV-0258	31	45.89	112	20.12	1725.0	979283.35	0.10	-78.23
KMV-0259	31	45.89	112	20.63	1714.0	979283.42	0.10	-78.81
KMV-0260	31	45.46	112	20.12	1718.0	979280.67	0.10	-80.74
KMV-0261	31	47.10	112	22.14	1712.0	979289.49	0.11	-74.48
KMV-0262	31	48.30	112	21.72	1728.0	979294.94	0.11	-69.70
KMV-0263	31	48.50	112	20.96	1740.0	979294.65	0.10	-69.56
KMV-0264	31	48.50	112	19.97	1745.0	979296.04	0.11	-67.86
KMV-0265	31	48.50	112	18.97	1755.0	979294.84	0.10	-68.47
KMV-0293	31	45.00	112	17.87	1765.0	979280.00	0.12	-77.98
KMV-0294	31	46.03	112	16.23	1785.0	979285.01	0.19	-73.09
KMV-0295	31	45.68	112	15.25	1819.0	979282.52	0.25	-73.02
KMV-0296	31	45.69	112	14.18	1860.0	979282.32	0.25	-70.79

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
KMV-0306	31	48.52	112	20.68	1744.0	979295.83	0.10	-68.16
KMV-0307	31	49.01	112	20.66	1732.5	979297.50	0.14	-67.80
KMV-0308	31	48.96	112	20.89	1728.6	979297.37	0.13	-68.11
KMV-0309	31	49.07	112	20.55	1734.1	979297.72	0.14	-67.57
KMV-0310	31	49.18	112	20.76	1732.4	979298.29	0.13	-67.25
KMV-0311	31	49.37	112	20.90	1734.9	979298.34	0.14	-67.30
KMV-0312	31	49.63	112	21.03	1732.2	979298.02	0.17	-68.10
KMV-0313	31	50.02	112	21.19	1738.0	979298.61	0.18	-67.69
KMV-0314	31	50.38	112	21.28	1734.7	979300.87	0.20	-66.09
KMV-0315	31	50.41	112	21.05	1746.4	979300.75	0.26	-65.49
KMV-0316	31	50.48	112	20.61	1829.3	979297.08	0.58	-63.99
KMV-0317	31	50.58	112	21.33	1739.7	979302.37	0.23	-64.53
KMV-0318	31	50.37	112	21.42	1727.5	979300.23	0.18	-67.16
KMV-0319	31	50.32	112	21.77	1720.5	979300.13	0.15	-67.64
KMV-0320	31	50.31	112	21.89	1717.1	979300.11	0.15	-67.85
KMV-0321	31	50.26	112	22.27	1717.4	979299.36	0.14	-68.53
KMV-0322	31	50.24	112	22.43	1714.1	979299.38	0.15	-68.66
KMV-0323	31	50.23	112	22.56	1715.1	979299.19	0.15	-68.79
KMV-0324	31	50.20	112	22.85	1711.6	979298.96	0.20	-69.13
KMV-0325	31	50.15	112	23.18	1712.3	979301.48	0.31	-66.39
KMV-0326	31	49.88	112	21.69	1718.0	979299.85	0.14	-67.48
KMV-0327	31	49.77	112	22.32	1714.0	979299.37	0.13	-68.07
KMV-0328	31	48.97	112	22.34	1704.0	979297.69	0.11	-69.29
KMV-0329	31	48.37	112	22.34	1710.0	979295.69	0.11	-70.12
KMV-0330	31	47.93	112	22.26	1723.0	979292.02	0.12	-72.41
KMV-0331	31	48.85	112	19.07	1760.0	979295.25	0.11	-68.22
KMV-0332	31	48.92	112	18.45	1765.0	979294.24	0.12	-69.02
KMV-0333	31	49.45	112	18.82	1771.0	979296.15	0.17	-67.42
KMV-0334	31	49.80	112	19.07	1792.0	979296.66	0.51	-65.78
KMV-0336	31	44.59	112	17.07	1765.0	979278.68	0.11	-78.75
KMV-0337	31	45.00	112	17.07	1765.0	979279.64	0.12	-78.34
KMV-0342	31	45.53	112	23.49	1685.0	979287.44	0.14	-76.00
KMV-0343	31	46.04	112	23.58	1687.0	979288.24	0.13	-75.77
KMV-0344	31	46.54	112	23.68	1691.0	979289.22	0.12	-75.24
KMV-0345	31	47.00	112	23.75	1685.0	979290.34	0.11	-75.11
KMV-0351	31	46.12	112	24.10	1684.0	979290.98	0.13	-73.32
KMV-0352	31	46.12	112	25.31	1684.0	979295.02	0.15	-69.26
KMV-0353	31	48.07	112	27.26	1731.0	979294.44	0.17	-69.65
KMV-0354	31	48.51	112	27.26	1740.0	979292.42	0.18	-71.72
KMV-0355	31	48.55	112	28.05	1751.0	979292.95	0.20	-70.56

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
KMV-0356	31	48.88	112	28.96	1769.0	979293.24	0.24	-69.61
KMV-0358	31	49.74	112	31.82	1752.0	979297.03	0.30	-67.93
KMV-0359	31	50.26	112	31.20	1770.0	979292.71	0.25	-71.93
KMV-0360	31	50.43	112	30.50	1817.0	979289.56	0.23	-72.52
KMV-0361	31	51.12	112	30.24	1812.0	979289.72	0.25	-73.58
KMV-0363	31	51.76	112	28.56	1876.0	979293.59	0.57	-66.43
KMV-0364	31	52.00	112	28.25	1910.0	979294.18	0.91	-63.80
KMV-0365	31	51.54	112	29.51	1849.0	979291.82	0.30	-69.79
KMV-0366	31	45.20	112	23.95	1685.0	979291.03	0.17	-71.93
KMV-0367	31	47.27	112	23.80	1685.0	979290.79	0.11	-75.02
KMV-0373	31	44.48	112	15.03	1811.0	979283.68	0.24	-70.73
KMV-0374	31	44.24	112	15.03	1830.0	979285.64	0.20	-67.36
KMV-0381	31	44.16	112	17.04	1753.0	979277.75	0.11	-79.82
KMV-0382	31	45.00	112	16.06	1782.0	979285.44	0.15	-71.50
KMV-0383	31	45.00	112	15.06	1815.0	979282.19	0.25	-72.68
KMV-0384	31	45.00	112	18.04	1754.0	979275.63	0.11	-83.01
KMV-0385	31	44.16	112	18.04	1732.0	979273.91	0.12	-84.90
KMV-0386	31	44.58	112	18.04	1746.0	979274.19	0.12	-84.35
KMV-0387	31	51.36	112	25.91	1860.0	979299.53	0.75	-60.73
KMV-0389	31	51.12	112	28.27	1856.0	979293.57	0.30	-67.05
KMV-0390	31	50.25	112	28.27	1814.0	979291.30	0.23	-70.73
KMV-0391	31	49.39	112	28.27	1777.0	979291.18	0.21	-71.91
KMV-0392	31	47.64	112	27.25	1728.0	979294.70	0.17	-68.99
KMV-0393	31	46.77	112	27.25	1730.0	979295.79	0.20	-66.58
KMV-0394	31	47.64	112	29.29	1789.0	979293.37	0.32	-66.53
KMV-0395	31	47.64	112	28.27	1762.0	979294.07	0.23	-67.53
KMV-0396	31	49.39	112	27.25	1772.0	979292.18	0.19	-71.23
KMV-0398	31	51.12	112	27.25	1874.0	979297.25	0.37	-62.23
KMV-0399	31	52.29	112	27.00	2000.0	979290.58	1.14	-62.20
KMV-0400	31	51.68	112	26.06	1960.0	979289.95	1.12	-64.41
KMV-0401	31	50.25	112	25.20	1770.0	979297.76	0.67	-66.45
KMV-0402	31	49.88	112	24.27	1727.0	979297.69	0.25	-69.00
KMV-0403	31	49.14	112	24.13	1705.0	979295.40	0.16	-71.70
KOF-0118	32	53.02	113	43.74	402.0	979487.82	-0.13	-44.15
KOF-0119	32	53.02	113	42.88	401.0	979488.46	-0.14	-43.57
KOF-0120	32	53.02	113	41.21	398.0	979491.83	-0.14	-40.39
KOF-0121	32	52.80	113	38.98	389.0	979492.44	-0.15	-40.02
KOV-0775	31	56.37	112	28.62	2280.0	979266.39	0.60	-75.74
KOV-0882	31	45.92	112	19.62	1737.0	979281.91	0.10	-78.99
KOV-0885	31	47.50	112	16.25	1814.0	979287.99	0.10	-70.45

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: University of Arizona

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
KOV-0886	31	46.89	112	16.20	1877.0	979280.67	0.26	-73.03
KOV-0887	31	46.21	112	15.82	1923.0	979275.18	0.27	-74.86
KOV-0890	31	49.36	112	16.77	1986.0	979275.28	0.58	-74.94
KOV-0891	31	48.53	112	19.09	1754.0	979293.06	0.11	-70.34
KOV-0892	31	48.53	112	19.47	1750.0	979293.54	0.11	-70.10
KOV-0893	31	48.49	112	20.49	1742.0	979293.59	0.10	-70.48
KOV-0894	31	48.38	112	21.46	1732.0	979293.04	0.11	-71.47
KOV-0896	31	45.90	112	22.14	1699.0	979282.60	0.13	-80.51
KOV-0897	31	45.21	112	22.06	1705.0	979280.96	0.19	-80.80
KOV-0898	31	45.28	112	24.55	1677.0	979288.54	0.14	-75.04
KOV-0899	31	45.47	112	25.19	1677.0	979291.61	0.16	-72.20
KOV-0900	31	45.70	112	25.92	1701.6	979292.79	0.24	-69.79
KOV-0901	31	46.01	112	26.85	1727.0	979292.59	0.22	-68.91
KOV-0902	31	46.20	112	27.53	1751.0	979291.34	0.27	-68.93
KOV-0903	31	46.74	112	28.66	1871.0	979286.42	0.49	-67.21
KOV-0913	31	48.09	112	26.26	1715.0	979294.66	0.15	-70.43
KOV-0914	31	48.09	112	25.60	1705.0	979293.95	0.14	-71.75
KOV-0915	31	47.78	112	23.90	1695.0	979292.69	0.11	-73.22
KOV-1631	31	58.98	112	20.24	1788.0	979308.51	0.16	-66.93
KOV-1632	31	58.02	112	20.42	1774.0	979306.99	0.14	-68.00
KOV-1633	31	56.89	112	21.44	1761.0	979305.37	0.12	-68.89
KOV-1634	31	55.48	112	22.07	1757.0	979304.97	0.15	-67.60
KOV-1635	31	54.54	112	22.04	1758.0	979302.66	0.15	-68.57
KOV-1636	31	54.36	112	22.93	1780.0	979297.56	0.19	-72.08
KOV-1637	31	53.74	112	24.18	1818.0	979296.69	0.53	-69.51
KOV-1638	31	53.80	112	22.85	1757.0	979297.48	0.20	-72.76
KOV-1639	31	56.36	112	21.87	1759.0	979304.91	0.14	-68.73
KOV-500	31	58.01	112	14.98	1851.0	979298.57	0.14	-71.82
KOV-501	31	59.19	112	16.52	1861.0	979301.19	0.13	-70.21
KOV-502	31	58.55	112	15.78	1850.0	979299.94	0.14	-71.24
KOV-509	31	59.41	112	20.59	1791.0	979309.03	0.29	-66.68
KOV-510	31	57.55	112	20.79	1773.0	979305.71	0.13	-68.72
KOV-511	31	56.91	112	20.48	1767.0	979306.00	0.10	-67.95
KOV-512	31	56.90	112	18.15	2134.0	979283.23	2.09	-66.83
KOV-513	31	56.24	112	17.55	1876.0	979301.39	0.23	-65.03
KOV-514	31	56.40	112	20.25	1768.0	979305.63	0.10	-67.57
KOV-517	31	52.66	112	20.58	1745.0	979303.02	0.13	-66.47
KOV-518	31	52.48	112	21.56	1729.0	979304.60	0.18	-65.55
KOV-520	31	52.85	112	22.62	1733.0	979301.70	0.24	-68.65
KOV-521	31	51.17	112	20.16	1892.0	979292.71	0.50	-65.63

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: University of Arizona

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
KOV-522	31	49.75	112	19.65	2051.0	979277.46	2.19	-67.80
KOV-526	31	47.66	112	16.02	1797.0	979289.70	0.12	-69.95
KOV-704	31	42.65	112	16.04	1794.0	979279.61	0.15	-73.44
KOV-705	31	42.96	112	17.00	1753.0	979276.41	0.13	-79.52
KOV-707	31	43.58	112	19.09	1716.0	979273.01	0.11	-85.98
KOV-709	31	44.15	112	20.89	1707.0	979279.05	0.19	-81.17
KOV-710	31	44.46	112	21.70	1694.0	979283.43	0.17	-78.00
KOV-711	31	44.61	112	22.41	1692.0	979285.26	0.22	-76.44
KOV-712	31	44.91	112	23.37	1687.0	979287.12	0.20	-75.31
KOV-769	31	57.66	112	21.83	1776.0	979305.96	0.12	-68.45
KOV-770	31	57.42	112	22.42	1773.0	979306.09	0.15	-68.14
KOV-771	31	57.05	112	24.83	1873.0	979300.06	0.30	-67.56
KOV-772	31	56.94	112	25.97	1955.0	979291.79	0.40	-70.70
KOV-773	31	56.83	112	26.90	2106.0	979278.71	0.45	-74.57
KOV-776	31	55.68	112	28.54	2194.0	979274.78	0.80	-71.35
KOV-777	31	55.12	112	29.21	2090.0	979283.55	1.13	-67.70
LLS-0167	31	42.28	112	14.75	1855.0	979282.13	0.24	-66.69
LLS-0168	31	42.09	112	14.26	1882.0	979283.27	0.29	-63.64
LLS-0169	31	41.91	112	13.72	1925.0	979280.46	0.68	-63.25
LLS-0291	31	44.95	112	14.70	1822.0	979280.63	0.31	-73.69
LLS-0292	31	44.72	112	14.70	1818.0	979280.74	0.31	-73.51
LLS-0370	31	46.34	112	13.54	1861.0	979288.30	0.32	-65.56
LLS-0371	31	45.59	112	13.70	1877.0	979285.76	0.54	-65.92
LLS-0375	31	43.91	112	14.91	1840.0	979284.71	0.25	-67.19
LLS-0376	31	42.97	112	14.69	1900.0	979283.25	0.25	-63.81
LLS-0377	31	42.93	112	13.73	1928.0	979280.37	0.27	-64.95
LLS-0378	31	42.74	112	13.13	1972.0	979278.33	0.53	-63.85
LLS-0379	31	43.40	112	13.98	1902.0	979281.02	0.22	-66.53
LLS-0380	31	44.10	112	13.38	1900.0	979284.37	0.65	-63.82
LSM-406	31	44.13	112	5.16	2124.0	979245.30	0.17	-90.05
LSM-671	31	38.20	112	0.14	2665.0	979196.42	1.32	-97.53
LSM-672	31	38.25	112	1.84	2455.0	979202.50	0.33	-105.03
LSM-683	31	40.84	112	0.14	2336.0	979233.66	0.56	-84.22
LSM-684	31	40.69	112	1.07	2339.0	979225.57	0.41	-92.08
LSM-685	31	40.43	112	1.92	2353.0	979217.12	0.30	-99.46
LSM-686	31	39.79	112	2.54	2392.0	979210.81	0.31	-102.57
LSM-687	31	39.19	112	2.11	2427.0	979206.74	0.31	-103.74
LSM-690	31	38.29	112	2.09	2473.0	979202.02	0.34	-104.48
LSM-691	31	38.66	112	3.31	2425.0	979208.89	0.33	-100.98
LSM-692	31	39.04	112	4.53	2378.0	979219.65	0.33	-93.54

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation

Data source: University of Arizona

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
LSM-693	31	39.26	112	5.22	2341.0	979228.60	0.33	-87.09
LSM-694	31	39.52	112	6.00	2318.0	979234.45	0.32	-82.97
LSM-695	31	39.70	112	6.64	2313.0	979236.83	0.35	-81.10
LSM-697	31	40.19	112	8.21	2276.0	979243.47	0.41	-77.27
LSM-698	31	40.66	112	9.76	2279.0	979248.15	0.47	-72.98
LSM-699	31	41.11	112	11.04	2228.0	979257.59	0.47	-67.19
LSM-700	31	41.34	112	11.81	2143.0	979263.96	0.64	-66.03
LSM-701	31	42.04	112	12.26	2051.0	979272.27	0.53	-64.25
LSM-702	31	41.72	112	12.60	2056.0	979271.75	1.40	-63.18
LSM-703	31	41.91	112	13.45	2160.0	979265.74	0.65	-63.99
MA-2	32	13.40	112	40.50	1987.0	979313.69	0.38	-69.21
MHK-0131	32	46.12	113	42.57	416.0	979507.59	0.07	-13.87
MHK-0132	32	44.43	113	41.16	381.0	979495.71	-0.11	-25.70
MHK-0133	32	44.80	113	40.20	366.0	979490.92	-0.13	-31.91
MHK-0136	32	44.80	113	38.00	363.0	979488.57	-0.14	-34.45
MHK-0137	32	45.67	113	37.55	361.0	979486.81	-0.12	-37.50
MTA-0171	32	14.30	112	30.75	2050.0	979309.87	0.29	-70.59
MTA-0178	32	14.85	112	31.65	2070.0	979306.79	0.30	-73.21
MTA-0179	32	14.90	112	32.75	2088.0	979303.41	0.31	-75.57
MTA-0180	32	13.95	112	34.00	2116.0	979302.95	0.32	-73.06
MTA-0181	32	13.30	112	34.10	2139.0	979301.75	0.36	-71.97
MTA-0182	32	14.85	112	34.95	2103.0	979304.18	0.45	-73.71
MTA-0183	32	14.05	112	36.70	2080.0	979306.83	0.34	-71.45
MTA-0184	32	14.75	112	37.65	2060.0	979310.23	0.35	-70.18
MTA-0186	32	14.25	112	40.50	2020.0	979314.36	0.60	-67.51
MTA-0187	32	4.10	112	35.00	2200.0	979289.86	0.43	-67.67
MTA-0188	32	4.90	112	34.75	2190.0	979290.66	0.51	-68.47
MTA-0189	32	5.75	112	34.74	2200.0	979291.89	0.48	-67.83
MTA-0190	32	6.55	112	34.55	2230.0	979292.57	0.47	-66.46
MTA-0191	32	8.00	112	34.55	2280.0	979292.69	0.53	-65.26
MTA-0192	32	8.85	112	34.75	2320.0	979238.27	0.53	-68.44
MTA-0193	32	9.65	112	34.40	2280.0	979289.48	0.54	-70.70
MTA-0194	32	10.50	112	34.30	2240.0	979285.51	0.44	-78.31
MTA-0195	32	11.50	112	34.70	2200.0	979289.04	0.38	-78.58
MTA-0196	32	11.30	112	35.50	2198.0	979288.59	0.38	-78.88
MTA-0197	32	10.90	112	36.20	2220.0	979292.88	0.44	-72.67
MTA-0198	32	10.20	112	36.60	2290.0	979292.83	0.47	-67.57
MTA-0199	32	11.20	112	37.95	2155.0	979296.54	0.41	-73.33
MTA-0200	32	11.35	112	38.45	2120.0	979301.18	0.39	-71.00
MTA-0736	32	4.31	112	30.51	2047.0	979294.58	0.33	-72.46



## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y observed	tc	cba
MTA-0799	32 3.11	112 34.46	2190.0	979286.17	0.42	-70.63
MTA-0931	32 14.89	112 33.93	2111.0	979303.11	0.42	-74.38
MTA-0935	32 14.82	112 35.67	2091.0	979305.94	0.49	-72.58
MTA-0956	32 14.65	112 42.59	1891.0	979325.34	0.74	-64.62
MTA-0960	32 13.77	112 43.60	1861.0	979325.42	0.90	-64.98
MTA-0961	32 12.89	112 43.60	1876.0	979323.62	1.00	-64.59
MTA-0962	32 13.16	112 43.03	2038.0	979311.41	0.46	-68.04
MTA-0963	32 12.01	112 42.59	1934.0	979319.75	0.60	-64.21
MTA-0964	32 11.46	112 42.40	1955.0	979318.18	0.52	-63.86
MTA-0965	32 11.32	112 41.09	2067.0	979311.32	0.76	-63.61
MTA-0966	32 12.23	112 41.38	2088.0	979309.91	0.56	-65.20
MTA-0967	32 8.27	112 39.78	2129.0	979304.05	1.14	-62.66
MTA-0968	32 9.02	112 40.01	2141.0	979304.81	0.64	-62.70
MTA-0973	32 8.37	112 40.63	2092.0	979307.60	1.22	-61.37
MTA-0974	32 8.37	112 41.70	2090.0	979307.87	0.93	-61.52
MTA-0975	32 9.36	112 43.61	1945.0	979307.92	0.42	-71.96
MTA-0976	32 10.01	112 42.45	2066.0	979307.25	0.61	-66.11
MTA-0977	32 11.17	112 42.90	2087.0	979308.09	0.75	-65.45
MTA-1531	32 11.83	112 34.65	2179.0	979291.35	0.37	-77.98
MTA-1532	32 11.26	112 34.63	2204.0	979285.02	0.38	-82.03
MTA-1533	32 8.76	112 34.82	2361.0	979285.14	0.53	-69.01
MTA-1534	32 8.11	112 34.37	2357.0	979284.68	0.57	-68.79
MTA-1535	32 3.52	112 35.99	2240.0	979273.26	0.50	-81.04
MTA-1536	32 2.00	112 40.56	2744.0	979253.40	7.12	-62.15
MTA-1537	32 2.97	112 37.72	2353.0	979269.79	0.70	-76.82
MTA-716	32 14.04	112 42.95	1882.0	979324.79	0.71	-64.91
MTA-717	32 13.50	112 42.18	1946.0	979318.63	0.45	-66.78
MTA-718	32 13.32	112 41.23	1972.0	979317.55	0.43	-66.09
MTA-719	32 13.33	112 40.53	1987.0	979313.82	0.38	-68.99
MTA-720	32 12.59	112 40.21	2007.0	979311.04	0.65	-69.30
MTA-721	32 11.86	112 39.97	2054.0	979308.67	3.01	-65.51
MTA-722	32 10.96	112 39.54	2104.0	979306.44	0.43	-66.13
MTA-723	32 10.07	112 39.33	2145.0	979304.14	0.50	-64.70
MTA-724	32 9.19	112 39.08	2247.0	979297.70	0.81	-63.55
MTA-725	32 8.44	112 38.72	2211.0	979298.54	1.20	-63.45
MTA-726	32 7.86	112 38.41	2222.0	979296.35	0.68	-64.72
MTA-727	32 7.01	112 38.00	2211.0	979291.64	0.56	-69.05
MTA-730	32 5.12	112 36.12	2229.0	979282.60	0.58	-74.44
MTA-731	32 4.41	112 35.48	2214.0	979284.37	0.46	-72.72
MTA-732	32 4.02	112 35.10	2202.0	979287.10	0.43	-70.21

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
MTA-733	32	3.77	112	34.20	2166.0	979288.70	0.41	-70.43
MTA-734	32	4.41	112	33.67	2153.0	979289.65	0.42	-71.12
MTA-735	32	4.52	112	32.59	2114.0	979291.67	0.33	-71.66
MTA-796	32	0.61	112	34.85	2173.0	979274.71	0.46	-79.68
MTA-797	32	1.45	112	34.92	2190.0	979273.32	0.45	-81.20
MTA-798	32	2.27	112	34.74	2187.0	979278.82	0.44	-77.00
MTA-800	32	6.84	112	34.17	2218.0	979292.04	0.44	-68.13
MTA-801	32	12.21	112	31.49	2126.0	979302.13	0.30	-70.95
MTA-813	32	12.27	112	33.29	2176.0	979294.61	0.38	-75.49
MTA-815	32	12.44	112	35.28	2150.0	979297.65	0.37	-74.24
MTA-816	32	12.81	112	37.95	2085.0	979305.12	0.34	-71.18
MTA-817	32	13.10	112	39.29	2036.0	979308.45	0.36	-71.14
NTH-A010	32	12.53	112	50.76	1542.4	979330.92	0.21	-77.47
NTH-A020	32	13.03	112	50.76	1542.6	979332.87	0.21	-76.20
NTH-A027	32	13.38	112	50.76	1544.6	979334.29	0.22	-75.12
NTH-B010	32	12.53	112	51.28	1529.0	979333.47	0.21	-75.72
NTH-B019	32	12.98	112	51.28	1528.3	979335.22	0.22	-74.62
NTH-C010	32	12.53	112	51.79	1509.1	979336.34	0.23	-74.02
P-1	32	10.90	112	19.00	2051.0	979290.39	0.24	-85.44
P-2	32	11.20	112	21.90	1937.0	979300.81	0.16	-82.30
P-3	32	11.80	112	27.30	1976.0	979299.32	0.20	-82.24
PFM- 298	31	47.71	112	13.28	1852.1	979289.09	0.16	-67.30
PIS-0172	32	14.80	112	30.25	2040.0	979304.45	0.46	-77.11
PIS-0173	32	14.85	112	30.32	2030.0	979300.05	0.57	-82.07
PIS-0219	32	5.75	112	15.40	2160.0	979282.49	0.30	-79.79
PIS-0220	32	5.35	112	16.25	2100.0	979286.00	0.29	-79.33
PIS-0221	32	4.75	112	17.15	2040.0	979288.90	0.27	-79.22
PIS-0222	32	3.25	112	16.75	2000.0	979291.32	0.21	-77.21
PIS-0223	32	3.50	112	15.60	2060.0	979286.70	0.33	-78.47
PIS-0226	32	4.85	112	19.65	1940.0	979289.24	0.15	-85.09
PIS-0227	32	6.50	112	20.20	1938.0	979291.85	0.16	-84.83
PIS-0228	32	7.65	112	20.45	1960.0	979294.17	0.16	-82.76
PIS-0229	32	8.20	112	20.65	1961.0	979297.43	0.18	-80.17
PIS-0230	32	8.00	112	20.90	1958.0	979300.39	0.19	-77.10
PIS-0231	32	9.75	112	20.93	1960.0	979300.43	0.17	-79.34
PIS-0232	32	10.60	112	21.05	1958.0	979299.89	0.17	-81.15
PIS-0234	32	3.90	112	16.85	2020.0	979290.37	0.27	-77.79
PIS-0235	32	4.40	112	16.00	2081.0	979286.02	0.41	-79.03
PIS-0236	32	4.98	112	15.20	2140.0	979314.94	0.32	-47.48
PIS-1387	32	4.40	112	16.07	2081.0	979286.56	0.40	-78.51

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
PIS-1388	32	11.80	112	16.57	2187.0	979287.65	0.40	-81.13
PIS-1546	32	4.19	112	29.28	2009.0	979294.84	0.24	-74.39
PIS-1547	32	3.72	112	27.48	1957.0	979297.04	0.24	-74.66
PIS-1548	32	2.89	112	25.52	1900.0	979299.41	0.27	-74.53
PIS-1549	32	2.98	112	23.75	1861.0	979300.96	0.16	-75.54
PIS-1550	32	2.54	112	21.44	1842.0	979300.46	0.15	-76.59
PIS-1553	32	12.21	112	16.37	2178.0	979286.73	0.53	-83.01
PIS-1554	32	13.33	112	18.81	2042.0	979291.70	0.24	-87.97
PIS-1555	32	12.60	112	19.97	2007.0	979287.82	0.19	-92.99
PIS-1556	32	12.19	112	20.68	1980.0	979288.34	0.18	-93.53
PIS-1557	32	11.52	112	21.45	1954.0	979292.69	0.16	-89.85
PIS-1560	32	13.66	112	21.84	1960.0	979290.56	0.17	-94.51
PIS-1561	32	12.07	112	22.08	1941.0	979293.45	0.16	-90.61
PIS-1562	32	9.21	112	21.11	1951.0	979298.25	0.17	-81.32
PIS-1563	32	3.62	112	18.89	1920.0	979289.47	0.16	-84.38
PIS-1564	32	4.18	112	20.83	1927.0	979289.02	0.27	-85.06
PIS-1565	32	4.40	112	22.44	1859.0	979293.16	0.24	-85.30
PIS-1566	32	2.47	112	19.01	1902.0	979290.25	0.13	-83.15
PIS-1567	32	1.70	112	19.82	1870.0	979295.78	0.13	-78.48
PIS-1568	32	0.90	112	21.49	1807.0	979302.24	0.12	-74.70
PIS-1569	32	2.97	112	20.65	1867.0	979292.46	0.14	-83.69
PIS-1570	32	3.56	112	21.58	1860.0	979293.13	0.18	-84.19
PIS-1571	32	10.28	112	23.92	1928.0	979292.74	0.16	-89.66
PIS-1572	32	11.50	112	25.33	1959.0	979294.90	0.17	-87.30
PIS-1573	32	12.02	112	29.68	2080.0	979297.70	0.29	-77.87
PIS-1580	32	10.99	112	18.18	2097.0	979287.51	0.26	-85.68
PIS-1629	32	1.11	112	17.20	1905.0	979299.47	0.13	-71.91
PIS-1630	32	1.30	112	19.38	1856.0	979300.53	0.15	-74.00
PIS-504	32	0.11	112	17.43	1873.0	979299.42	0.13	-72.51
PIS-505	32	0.53	112	17.70	1874.0	979299.54	0.11	-72.92
PIS-506	32	1.31	112	18.26	1886.0	979298.05	0.12	-74.74
PIS-507	32	2.00	112	18.73	1897.0	979295.82	0.13	-77.24
PIS-508	32	0.71	112	19.95	1828.0	979306.33	0.13	-69.10
PIS-739	32	3.11	112	24.47	1877.0	979301.00	0.17	-74.71
PIS-741	32	2.42	112	20.72	1854.0	979301.06	0.13	-75.13
PIS-742	32	2.32	112	20.01	1867.0	979297.65	0.12	-77.64
PIS-749	32	9.86	112	15.89	2246.0	979280.11	0.58	-82.34
PIS-750	32	9.23	112	15.75	2245.0	979279.43	0.47	-82.34
PIS-751	32	9.18	112	16.37	2201.0	979281.99	0.35	-82.45
PIS-752	32	8.90	112	16.89	2159.0	979285.14	0.29	-81.49

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
PIS-753	32	8.58	112	17.58	2118.0	979289.30	0.27	-79.36
PIS-754	32	8.39	112	18.39	2065.0	979293.40	0.22	-78.21
PIS-755	32	8.95	112	15.80	2237.0	979279.78	0.40	-82.15
PIS-757	32	7.73	112	17.14	2124.0	979288.27	0.27	-78.88
PIS-758	32	6.88	112	17.44	2085.0	979289.67	0.23	-78.69
PIS-759	32	6.79	112	18.28	2041.0	979291.72	0.20	-79.17
PIS-760	32	6.84	112	19.06	2012.0	979294.10	0.19	-78.60
PIS-764	32	4.24	112	17.96	1989.0	979291.85	0.19	-78.69
PIS-765	32	3.37	112	17.89	1966.0	979293.57	0.18	-77.18
PIS-766	32	2.64	112	18.18	1933.0	979294.31	0.14	-77.46
PIS-767	32	0.51	112	22.12	1832.0	979307.13	0.18	-67.73
PIS-768	32	0.35	112	21.80	1842.0	979306.85	0.22	-67.16
PIS-804	32	10.78	112	16.48	2213.0	979282.13	0.37	-83.75
PIS-805	32	10.90	112	16.84	2184.0	979284.21	0.33	-83.60
PIS-806	32	10.94	112	17.24	2153.0	979285.34	0.31	-84.39
PIS-807	32	10.85	112	19.06	2051.0	979290.58	0.23	-85.20
PIS-808	32	10.98	112	21.29	1955.0	979298.62	0.17	-83.12
PIS-810	32	11.30	112	23.93	1946.0	979298.20	0.16	-84.51
PIS-811	32	11.58	112	26.13	1973.0	979299.45	0.21	-81.98
PRP-1493	31	33.94	111	36.17	3922.2	979096.27	1.55	-116.67
PRP-1494	31	33.29	111	36.04	3784.2	979102.95	1.93	-116.98
PRP-1495	31	32.61	111	36.03	3661.2	979110.39	1.55	-116.36
PRP-1496	31	32.02	111	36.77	3444.2	979123.83	2.45	-114.18
PRP-1497	31	31.70	111	37.35	3303.1	979133.26	2.23	-112.96
PRP-1498	31	31.87	111	38.08	3282.2	979136.07	1.40	-112.46
PRP-1499	31	31.57	111	38.60	3139.1	979144.96	1.24	-111.86
PRP-1500	31	31.63	111	40.99	2895.1	979163.35	0.59	-108.77
PRP-1501	31	32.23	111	42.88	2753.1	979170.58	0.44	-110.97
PRP-1502	31	33.14	111	44.90	2621.1	979174.93	0.36	-115.80
PRP-1503	31	32.88	111	44.07	2673.1	979173.62	0.41	-113.61
PRP-1504	31	33.71	111	44.18	2652.1	979176.45	0.41	-113.14
PRP-1505	31	33.71	111	43.33	2710.1	979173.91	0.47	-112.16
PRP-1506	31	34.37	111	43.49	2690.1	979175.50	0.48	-112.64
PRP-1507	31	35.41	111	43.26	2682.1	979174.92	0.55	-115.02
PRP-1508	31	36.07	111	43.53	2658.1	979178.53	0.53	-113.75
PRP-1509	31	37.00	111	44.22	2624.1	979182.24	0.49	-113.36
PRS-0436	31	42.77	111	40.78	3163.1	979164.56	1.49	-105.64
PRS-411	31	36.17	111	42.26	2750.1	979174.69	0.93	-111.84
PRS-412	31	35.75	111	41.77	2812.1	979172.85	0.87	-109.47
PRS-413	31	34.96	111	41.33	2915.1	979165.21	0.92	-109.86

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
PRS-414	31	35.52	111	39.94	3250.1	979142.17	2.35	-112.22
PRS-415	31	37.26	111	42.20	2794.1	979174.14	0.83	-111.33
PRS-416	31	37.50	111	42.70	2750.1	979177.50	0.71	-111.04
PRS-419	31	34.23	111	42.74	2778.1	979172.41	0.57	-110.20
PRS-420	31	33.44	111	42.05	2915.1	979160.50	1.01	-112.44
PRS-421	31	33.36	111	40.78	2952.1	979161.07	0.87	-109.69
PRS-422	31	34.19	111	40.91	2921.1	979163.58	1.00	-110.02
PRS-423	31	32.62	111	41.04	2909.1	979163.55	0.69	-108.97
PRS-424	31	31.98	111	40.94	2897.1	979163.37	0.64	-109.05
PRS-425	31	32.15	111	41.57	2841.1	979166.64	0.57	-109.42
PRS-426	31	31.45	111	39.69	3013.1	979155.74	0.89	-108.79
PRS-427	31	31.33	111	38.17	3153.1	979143.78	1.34	-111.79
PRS-429	31	37.51	111	42.81	2736.1	979179.15	0.69	-110.26
PRS-430	31	38.60	111	42.85	2763.1	979182.67	0.72	-106.56
PRS-431	31	39.59	111	42.71	2812.1	979183.53	0.79	-104.04
PRS-432	31	39.48	111	40.58	3163.1	979156.86	1.68	-108.72
PRS-433	31	40.17	111	42.57	2829.1	979183.70	0.85	-103.57
PRS-434	31	41.73	111	42.33	2850.1	979184.92	0.93	-103.12
PRS-435	31	42.18	111	41.90	2950.1	979178.47	1.05	-104.09
PRS-437	31	43.24	111	39.69	3416.1	979146.73	1.86	-108.63
PRS-438	31	43.75	111	39.94	3272.1	979157.98	1.51	-107.01
QTM-0224	32	3.75	112	14.60	2120.0	979282.40	0.28	-79.58
QTM-0225	32	4.05	112	14.10	2200.0	979281.54	0.38	-75.98
QTM-0237	32	5.33	112	14.50	2200.0	979278.97	0.38	-80.28
QTM-0238	32	5.70	112	13.65	2280.0	979273.26	0.45	-81.66
QTM-0239	32	6.43	112	12.80	2400.0	979267.14	0.50	-81.55
QTM-0240	32	7.00	112	12.45	2480.0	979262.54	0.59	-82.07
QTM-0241	32	7.75	112	13.25	2400.0	979267.41	0.49	-83.08
QTM-0242	32	8.75	112	13.40	2400.0	979269.77	0.48	-82.09
QTM-0243	32	9.66	112	13.30	2440.0	979270.97	0.55	-79.67
QTM-0244	32	11.20	112	13.45	2480.0	979271.17	1.07	-78.65
QTM-0245	32	12.10	112	13.00	2560.0	979266.23	1.13	-79.98
QTM-0246	32	12.80	112	13.55	2600.0	979265.12	1.86	-78.93
QTM-0247	32	13.40	112	14.10	2616.0	979270.38	2.77	-72.61
QTM-0248	32	13.55	112	12.70	2480.0	979270.18	0.69	-83.22
QTM-0249	32	14.45	112	13.45	2400.0	979278.05	0.69	-81.34
QTM-0251	32	8.02	112	5.54	2318.0	979265.32	0.41	-90.51
QTM-0251	32	12.80	112	12.15	2560.0	979264.90	0.59	-82.81
QTM-0252	32	12.10	112	11.20	2640.0	979262.60	0.62	-79.35
QTM-0253	32	11.50	112	10.35	2720.0	979257.43	0.80	-78.75

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
QTM-1607	32	7.82	112	6.74	2428.0	979271.17	0.74	-77.50
QTM-1608	32	7.41	112	6.50	2398.0	979271.80	0.66	-78.19
QTM-1609	32	6.64	112	6.38	2354.0	979271.50	0.65	-80.07
QTM-1610	32	5.92	112	6.07	2257.0	979273.18	0.71	-83.14
QTM-1611	32	5.31	112	6.34	2237.0	979274.37	0.84	-82.19
QTM-1612	32	4.56	112	7.00	2257.0	979278.45	0.87	-75.87
QTM-1613	32	3.68	112	7.15	2204.0	979279.70	2.03	-75.42
QTM-1614	32	2.96	112	7.28	2219.0	979279.00	0.90	-75.39
QTM-1615	32	3.25	112	6.10	2109.0	979275.65	0.49	-86.10
QTM-1616	32	3.25	112	5.27	2084.0	979273.76	0.38	-89.59
QTM-1617	32	3.40	112	4.53	2074.0	979269.76	0.30	-94.47
QTM-1618	32	2.84	112	7.88	2325.0	979275.07	3.04	-70.69
QTM-1619	32	2.40	112	7.49	2180.0	979282.33	0.80	-73.73
QTM-1620	32	1.98	112	8.46	2239.0	979282.95	0.69	-69.12
QTM-1621	32	2.29	112	8.90	2274.0	979282.11	1.03	-67.96
QTM-1622	32	2.87	112	9.43	2360.0	979276.72	0.77	-69.27
QTM-1623	32	3.51	112	9.35	2495.0	979268.73	0.97	-69.87
QTM-1624	32	3.05	112	10.53	2337.0	979276.21	0.51	-71.65
QTM-1625	32	2.92	112	11.36	2235.0	979281.14	0.41	-72.73
QTM-1626	32	2.69	112	11.83	2201.0	979281.37	0.35	-74.28
QTM-1627	32	2.42	112	12.61	2135.0	979284.07	0.29	-75.20
QTM-1642	32	10.98	112	9.81	2699.0	979256.15	0.98	-80.40
QTM-1643	32	11.73	112	9.72	2828.0	979252.60	0.99	-77.26
QTM-1644	32	11.70	112	10.69	2690.0	979258.19	0.71	-80.15
QTM-1645	32	12.24	112	11.41	2624.0	979263.09	0.62	-80.00
QTM-1646	32	13.02	112	12.40	2525.0	979267.30	0.71	-82.67
QTM-1647	32	13.66	112	12.61	2494.0	979270.06	0.61	-82.73
QTM-1648	32	14.12	112	13.35	2436.0	979276.37	0.75	-80.37
QTM-1649	32	10.56	112	11.63	2629.0	979262.64	0.67	-77.83
QTM-1750	32	4.48	112	0.95	2207.0	979269.95	0.22	-87.89
QTM-1751	32	4.34	112	0.25	2238.0	979269.57	0.47	-85.98
QTM-1752	32	4.69	112	2.00	2157.0	979271.43	0.24	-89.66
QTM-1753	32	4.87	112	2.98	2118.0	979270.69	0.33	-92.88
QTM-1754	32	4.74	112	3.87	2100.0	979268.77	0.39	-95.63
QTM-1755	32	4.78	112	4.92	2143.0	979269.72	0.42	-92.15
QTM-1756	32	5.02	112	5.66	2180.0	979272.07	0.67	-87.66
QTM-1757	32	5.26	112	7.31	2494.0	979268.80	0.99	-72.21
QTM-247	32	2.79	112	3.70	2054.0	979268.35	0.24	-96.31
QTM-248	32	3.30	112	1.75	2138.0	979270.59	0.22	-89.77
QTM-249	32	4.37	112	2.57	2129.0	979270.24	0.29	-92.03

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	deg	min	deg	min		observed	tc	cba
QTM-250	32	6.35	112	4.19	2197.9	979271.42	0.24	-89.48
QTM-254	32	14.90	112	4.70	2047.0	979304.55	0.16	-77.04
QTM-255	32	14.11	112	5.08	2098.0	979296.66	0.20	-80.76
QTM-270	32	10.37	112	5.51	2331.0	979273.46	0.38	-84.81
QTM-271	32	10.66	112	4.45	2237.0	979274.40	0.26	-90.00
QTM-272	32	10.02	112	5.42	2332.0	979273.32	0.37	-84.43
QTM-273	32	10.26	112	4.08	2224.0	979273.57	0.24	-91.08
QTM-274	32	11.26	112	1.61	2051.0	979286.05	0.17	-90.35
QTM-277	32	9.40	112	3.35	2170.0	979274.79	0.23	-91.92
QTM-278	32	9.32	112	5.13	2293.0	979272.71	0.42	-86.36
QTM-286	32	9.54	112	4.25	2230.0	979271.72	0.26	-91.57
QTM-287	32	10.09	112	3.20	2153.0	979276.69	0.20	-92.00
QTM-288	32	11.71	112	1.30	2028.0	979287.56	0.14	-90.84
QTM-289	32	8.48	112	2.42	2123.0	979275.54	0.34	-92.62
QTM-290	32	7.59	112	2.53	2134.0	979274.94	0.32	-91.38
QTM-291	32	5.84	112	0.10	2258.0	979266.96	0.51	-89.39
QTM-294	32	6.96	112	2.29	2147.0	979274.48	0.24	-90.28
QTM-295	32	7.15	112	2.82	2142.2	979274.07	0.28	-91.20
QTM-296	32	7.63	112	3.70	2192.0	979272.47	0.24	-90.52
QTM-297	32	7.75	112	4.78	2261.0	979270.16	0.32	-88.79
QTM-298	32	6.17	112	2.93	2127.0	979273.88	0.32	-90.92
QTM-299	32	5.34	112	2.10	2169.0	979271.52	0.21	-89.76
QTM-301	32	11.50	112	6.27	2357.0	979280.53	0.53	-77.58
QTM-302	32	12.66	112	5.70	2214.0	979287.87	0.33	-80.54
QTM-320	32	0.82	112	4.15	2003.0	979269.69	0.17	-95.41
QTM-321	32	1.03	112	3.02	2045.0	979267.70	0.16	-95.19
QTM-322	32	0.31	112	2.68	2046.0	979268.81	0.15	-93.05
QTM-340	32	1.60	112	4.02	2020.0	979268.93	0.20	-96.18
QTM-343	32	1.75	112	1.82	2097.0	979269.38	0.19	-91.35
QTM-746	32	10.45	112	9.38	2666.0	979257.99	1.17	-79.62
QTM-747	32	10.44	112	13.39	2457.7	979272.74	0.69	-77.76
SAV-111	32	0.74	111	38.11	3146.8	979187.50	1.27	-108.16
SAV-116	32	2.16	111	37.02	3064.0	979192.96	0.86	-109.97
SAV-1193	32	7.91	111	40.88	2483.1	979236.86	0.25	-109.13
SAV-1194	32	10.25	111	39.58	2411.1	979251.64	0.19	-101.88
SAV-1195	32	11.11	111	39.14	2281.1	979261.17	0.14	-101.32
SAV-1204	32	14.91	111	31.35	2204.1	979272.45	0.01	-99.93
SAV-1207	32	14.59	111	31.04	2225.1	979269.48	0.01	-101.21
SAV-1208	32	14.30	111	30.77	2237.1	979267.41	0.02	-102.16
SAV-1209	32	13.94	111	30.43	2255.1	979265.47	0.03	-102.53

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
SAV-1210	32	13.62	111	30.11	2279.1	979263.76	0.04	-102.36
SAV-122	32	2.13	111	43.25	2779.1	979206.26	0.47	-114.02
SAV-128	32	2.51	111	36.46	3054.1	979192.54	0.81	-111.50
SAV-131	32	2.86	111	34.73	3040.1	979192.05	0.80	-113.32
SAV-132	32	2.98	111	33.23	3002.8	979196.87	0.83	-110.86
SAV-133	32	2.81	111	31.75	2947.1	979204.95	0.97	-105.72
SAV-135	32	2.21	111	33.59	3236.2	979181.92	1.37	-110.29
SAV-138	32	1.60	111	38.65	3050.1	979192.62	0.88	-110.36
SAV-141	32	3.82	111	39.46	2798.1	979211.78	0.47	-109.65
SAV-142	32	4.95	111	40.04	2684.1	979220.88	0.36	-109.00
SAV-143	32	5.98	111	40.51	2600.1	979226.30	0.31	-110.04
SAV-144	32	7.24	111	40.97	2525.1	979231.85	0.28	-110.70
SAV-145	32	1.06	111	37.96	3125.1	979188.21	1.14	-109.30
SAV-146	32	0.11	111	40.92	3022.1	979191.30	1.01	-111.21
SAV-151	32	2.37	111	34.60	3107.1	979188.98	0.94	-111.58
SAV-152	32	3.64	111	34.13	2927.1	979199.96	0.64	-113.36
SAV-153	32	2.43	111	32.73	3067.1	979194.30	1.19	-108.48
SAV-154	32	0.96	111	33.60	3346.2	979171.52	2.33	-111.47
SAV-155	32	0.29	111	33.88	3630.2	979156.04	2.76	-108.66
SAV-156	32	1.02	111	34.66	3333.1	979176.19	1.50	-108.50
SAV-159	32	0.90	111	34.58	3336.2	979174.28	1.58	-109.98
SAV-161	32	0.59	111	35.55	3577.2	979160.85	2.97	-107.21
SAV-162	32	0.15	111	36.56	3518.1	979163.89	2.37	-107.70
SAV-164	32	1.06	111	36.94	3203.1	979184.28	1.26	-108.46
SAV-165	32	1.49	111	36.10	3228.1	979188.89	1.11	-103.09
SAV-166	32	1.64	111	34.75	3210.1	979182.57	1.15	-110.64
SAV-170	32	0.51	111	42.47	2895.1	979193.95	0.60	-117.08
SAV-171	32	0.34	111	41.25	2978.1	979192.10	0.82	-113.53
SAV-172	32	0.41	111	40.40	3012.1	979191.67	1.13	-111.72
SAV-173	32	1.53	111	37.53	3250.1	979180.71	1.39	-109.73
SAV-174	32	0.90	111	39.58	3006.1	979193.72	1.01	-110.81
SAV-175	32	1.52	111	42.05	2851.1	979200.14	0.53	-114.96
SAV-176	32	1.61	111	41.00	2890.1	979196.39	0.62	-116.41
SAV-177	32	0.85	111	43.01	2830.1	979197.80	0.54	-117.64
SAV-180	32	0.48	111	43.82	2795.1	979197.41	0.51	-119.64
SAV-181	32	1.08	111	43.98	2805.1	979198.47	0.47	-118.84
SAV-182	32	1.61	111	43.20	2800.1	979201.50	0.47	-116.82
SAV-183	32	2.90	111	43.61	2764.1	979208.43	0.50	-113.76
SAV-184	32	3.02	111	42.95	2745.1	979211.08	0.52	-112.39
SAV-185	32	3.45	111	42.68	2732.1	979214.92	0.54	-109.88



## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
SAV-187	32	5.65	111	41.35	2613.1	979224.46	0.34	-110.62
SAV-196	32	8.42	111	40.21	2449.1	979242.31	0.22	-106.43
SAV-197	32	9.65	111	39.87	2654.1	979233.22	1.98	-103.20
SAV-202	32	8.09	111	40.90	2477.1	979238.32	0.24	-108.29
SAV-203	32	8.67	111	41.55	2445.1	979241.44	0.25	-107.85
SAV-205	32	11.25	111	43.33	2652.1	979243.14	2.32	-95.23
SAV-215	32	11.35	111	38.53	2260.1	979264.31	0.12	-99.78
SCM-0093	32	20.55	112	39.98	1845.0	979325.61	1.03	-74.83
SCM-0094	32	21.40	112	39.95	1905.0	979323.40	0.59	-75.06
SCM-0095	32	22.20	112	39.96	1885.0	979326.05	0.57	-74.72
SCM-0096	32	22.85	112	39.93	1920.0	979323.11	0.55	-76.47
SCM-0097	32	22.75	112	40.50	1840.0	979328.35	0.48	-75.93
SCM-0098	32	22.15	112	40.20	1840.0	979329.50	0.53	-73.92
SCM-0099	32	22.25	112	41.40	1795.0	979332.07	0.45	-74.25
SCM-0100	32	23.25	112	42.25	1750.0	979330.82	0.55	-79.44
SCM-0101	32	23.35	112	43.00	1752.0	979329.78	0.43	-80.62
SCM-0102	32	23.65	112	43.90	1700.0	979331.30	0.73	-82.31
SCM-0103	32	23.40	112	44.80	1658.0	979333.65	0.97	-81.88
SCM-0104	32	22.25	112	42.45	1740.0	979332.55	0.55	-76.95
SCM-0106	32	19.99	112	42.15	1900.0	979323.14	1.07	-73.22
SCM-0107	32	20.65	112	42.75	1830.0	979328.74	0.70	-73.06
SCM-0108	32	21.15	112	43.35	1840.0	979329.49	0.45	-72.64
SCM-0109	32	22.25	112	44.85	1660.0	979332.09	0.90	-81.82
SCM-0111	32	19.65	112	32.05	2192.0	979305.04	0.50	-74.02
SCM-0112	32	20.15	112	31.45	2178.0	979303.73	0.48	-76.86
SCM-0114	32	21.25	112	30.10	2184.0	979302.22	0.37	-79.62
SCM-0115	32	23.25	112	32.15	2325.0	979298.48	0.67	-77.37
SCM-0116	32	23.35	112	33.50	2383.0	979296.56	0.72	-75.92
SCM-0118	32	22.40	112	30.40	2240.0	979301.31	0.53	-78.60
SCM-0119	32	18.25	112	33.30	2205.0	979303.88	0.50	-72.49
SCM-0121	32	16.65	112	33.85	2177.0	979300.72	0.42	-75.23
SCM-0122	32	15.65	112	33.80	2151.0	979299.36	0.58	-76.62
SCM-0123	32	15.70	112	37.80	2034.0	979311.48	0.55	-71.57
SCM-0139	32	15.40	112	44.00	1800.0	979327.98	0.33	-68.84
SCM-0140	32	16.55	112	44.50	1776.0	979326.11	0.33	-73.71
SCM-0141	32	17.15	112	44.75	1765.0	979322.79	0.30	-78.53
SCM-0142	32	15.20	112	40.45	2000.0	979319.17	0.48	-65.30
SCM-0143	32	16.20	112	40.40	1967.0	979320.49	0.42	-67.37
SCM-0164	32	19.20	112	31.60	2170.0	979303.85	0.52	-75.88
SCM-0165	32	19.00	112	30.95	2155.0	979304.26	0.51	-76.11

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	deg	min	deg	min		observed	tc	cba
SCM-0166	32	18.30	112	30.25	2126.0	979304.40	0.56	-76.70
SCM-0167	32	17.70	112	30.00	2115.0	979303.31	0.59	-77.59
SCM-0169	32	15.80	112	30.50	2100.0	979308.05	0.34	-71.42
SCM-0170	32	15.10	112	30.75	2080.0	979307.97	0.31	-71.77
SCM-0185	32	15.80	112	38.80	2000.0	979314.85	0.37	-70.55
SCM-0932	32	16.64	112	34.23	2285.0	979293.29	0.53	-76.10
SCM-0933	32	16.27	112	34.61	2151.0	979302.59	0.47	-74.34
SCM-0934	32	15.80	112	35.09	2130.0	979304.23	0.50	-73.28
SCM-0936	32	15.18	112	36.69	2071.0	979310.03	0.46	-70.20
SCM-0937	32	15.65	112	37.13	2055.0	979313.02	0.65	-68.61
SCM-0938	32	16.96	112	38.48	2014.0	979311.56	0.47	-74.48
SCM-0939	32	18.02	112	39.19	2153.0	979301.26	0.82	-77.59
SCM-0940	32	18.02	112	39.45	1969.3	979315.42	0.49	-74.71
SCM-0941	32	18.90	112	40.62	1902.0	979324.14	1.27	-70.42
SCM-0942	32	17.82	112	40.50	1934.0	979321.87	0.79	-69.79
SCM-0943	32	16.54	112	39.35	1977.0	979315.30	0.37	-72.48
SCM-0944	32	16.65	112	40.89	1979.0	979322.61	0.71	-64.86
SCM-0945	32	16.41	112	41.49	2026.0	979321.00	0.93	-63.12
SCM-0946	32	16.41	112	42.07	1934.0	979326.57	0.73	-63.23
SCM-0947	32	16.67	112	42.98	1855.0	979330.13	0.93	-64.54
SCM-0948	32	17.01	112	43.59	1829.0	979330.57	0.69	-66.35
SCM-0949	32	17.71	112	42.67	1934.0	979325.05	0.93	-66.33
SCM-0950	32	17.54	112	43.50	1851.0	979329.40	0.65	-66.97
SCM-0951	32	18.14	112	43.60	1816.0	979329.61	0.73	-69.58
SCM-0957	32	15.62	112	43.15	1937.0	979321.36	0.44	-67.48
SCM-0958	32	15.51	112	43.60	1817.0	979327.72	0.39	-68.18
SCM-0959	32	16.40	112	43.60	1864.0	979326.68	0.77	-67.24
SCM-0978	32	17.32	112	33.76	2180.0	979303.45	0.44	-73.21
SCM-0979	32	18.55	112	32.81	2244.0	979301.93	0.64	-72.39
SCM-0980	32	19.09	112	32.92	2227.0	979302.62	0.57	-73.52
SCM-818	32	16.80	112	40.39	1951.0	979320.43	0.53	-69.09
SCM-819	32	19.94	112	39.88	1868.0	979323.09	1.31	-74.87
SCM-822	32	21.91	112	40.78	1796.0	979331.24	0.70	-74.30
SCM-825	32	24.44	112	41.18	1845.0	979327.56	0.67	-78.54
SCM-827	32	25.09	112	39.53	1977.0	979321.78	0.56	-77.44
SCM-828	32	25.09	112	38.49	2064.0	979319.21	0.80	-74.59
SCM-829	32	25.71	112	39.86	1988.0	979321.15	0.54	-78.29
SCM-830	32	26.36	112	39.23	2095.0	979317.09	0.65	-76.74
SCM-831	32	29.10	112	34.64	2557.0	979286.53	1.43	-82.70
SCM-832	32	29.05	112	34.11	2544.0	979283.64	1.15	-86.58

## PRINCIPAL FACTS

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	deg	min	deg	min		observed	tc	cba
SCM-833	32	28.88	112	33.27	2502.0	979287.33	1.32	-84.99
SCM-834	32	28.62	112	32.05	2414.0	979295.30	0.68	-82.56
SCM-835	32	28.45	112	31.23	2378.0	979297.49	0.55	-82.41
SCM-837	32	29.09	112	30.95	2403.0	979298.34	0.56	-80.93
SEL- 102	31	55.70	111	54.50	2330.1	979256.29	0.27	-82.28
SEL-0377	31	45.37	111	49.84	2422.7	979222.78	0.26	-96.33
SEL-0474	31	48.30	111	45.59	2682.6	979196.98	0.44	-110.39
SEL-0919	31	55.06	111	53.32	2360.1	979252.03	0.32	-83.83
SEL-1181	31	55.06	111	47.40	2597.1	979224.07	0.37	-97.61
SEL-1182	31	54.47	111	47.45	2594.1	979223.42	0.37	-97.64
SEL-1183	31	54.38	111	46.41	2657.1	979205.53	0.43	-111.59
SEL-1184	31	54.17	111	46.33	2669.1	979203.30	0.42	-112.83
SEL-1185	31	53.57	111	46.43	2645.1	979204.69	0.43	-112.05
SEL-1186	31	53.47	111	47.06	2627.1	979208.01	0.37	-109.73
SEL-1187	31	53.32	111	47.20	2615.1	979209.94	0.36	-108.32
SEL-1188	31	53.24	111	47.38	2595.1	979212.42	0.37	-106.91
SEL-1189	31	54.43	111	48.08	2569.1	979227.13	0.49	-95.24
SEL-1190	31	54.29	111	48.45	2535.1	979232.36	0.65	-91.69
SEL-1232	31	56.73	111	46.81	2632.1	979212.34	0.42	-109.45
SEL-1233	31	56.38	111	46.69	2628.1	979210.88	0.42	-110.68
SEL-1234	31	56.13	111	46.92	2605.1	979214.24	0.42	-108.35
SEL-1235	31	55.91	111	46.77	2627.1	979210.53	0.41	-110.46
SEL-1236	31	55.81	111	46.73	2630.1	979210.72	0.41	-109.96
SEL-1237	31	55.66	111	47.32	2595.1	979225.28	0.39	-97.30
SEL-1238	31	55.53	111	48.08	2570.1	979230.21	0.36	-93.72
SEL-1239	31	55.01	111	50.90	2445.1	979238.82	0.42	-91.81
SEL-1240	31	54.31	111	51.55	2435.1	979241.26	0.44	-89.00
SEL-1241	31	54.01	111	51.10	2478.1	979236.19	0.37	-91.17
SEL-1242	31	54.06	111	50.65	2488.1	979234.92	0.35	-91.93
SEL-1243	31	53.23	111	51.21	2545.1	979227.87	0.87	-93.94
SEL-1244	31	52.43	111	49.95	2713.1	979218.41	0.70	-92.46
SEL-1245	31	51.31	111	49.83	2514.1	979227.93	0.31	-93.69
SEL-1246	31	50.63	111	49.97	2471.1	979226.85	0.29	-96.44
SEL-1247	31	50.32	111	50.07	2459.1	979224.82	0.28	-98.78
SEL-1248	31	50.10	111	50.42	2452.1	979226.48	0.28	-97.23
SEL-1249	31	48.68	111	49.40	2475.1	979216.17	0.28	-104.26
SEL-1250	31	49.45	111	49.98	2452.1	979221.14	0.26	-101.72
SEL-1251	31	49.69	111	50.16	2436.1	979223.94	0.28	-100.18
SEL-1252	31	50.62	111	50.72	2489.1	979228.77	0.28	-93.44
SEL-1255	31	55.49	111	53.89	2353.1	979255.51	0.28	-81.40

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
SEL-1256	31	55.68	111	54.11	2348.1	979257.13	0.29	-80.31
SEL-1257	31	55.52	111	54.83	2313.1	979257.46	0.26	-81.89
SEL-1258	31	55.67	111	55.40	2294.1	979258.00	0.23	-82.72
SEL-1259	31	56.03	111	54.70	2337.1	979258.24	0.28	-80.34
SEL-1260	31	56.36	111	55.18	2333.1	979258.48	0.27	-80.80
SEL-1261	31	56.51	111	54.81	2396.1	979256.25	0.32	-79.43
SEL-1262	31	56.74	111	54.20	2399.1	979257.14	0.32	-78.67
SEL-1263	31	56.48	111	53.45	2421.1	979254.45	0.33	-79.68
SEL-1264	31	58.31	111	52.67	2655.1	979239.83	0.62	-82.53
SEL-1265	31	58.82	111	52.74	2794.1	979231.67	0.87	-82.83
SEL-1266	31	59.24	111	52.72	2811.1	979230.55	0.94	-83.44
SEL-1268	31	59.02	111	53.56	2754.1	979234.68	0.83	-82.52
SEL-1269	31	59.19	111	53.90	2709.1	979238.00	0.76	-82.19
SEL-1270	31	59.42	111	55.11	2507.1	979253.79	0.50	-79.02
SEL-1274	31	58.54	111	47.54	2792.1	979212.30	0.53	-102.29
SEL-1275	31	59.21	111	48.38	2883.1	979214.81	0.72	-95.06
SEL-1277	31	58.72	111	48.48	2816.1	979221.32	0.69	-91.92
SEL-1279	31	57.13	111	48.01	2662.1	979230.11	0.44	-90.42
SEL-1280	31	53.23	111	46.61	2652.1	979201.96	0.39	-113.94
SEL-1281	31	52.74	111	45.92	2699.1	979197.76	0.43	-114.64
SEL-1282	31	52.24	111	45.74	2707.1	979197.71	0.45	-113.51
SEL-1283	31	51.43	111	46.26	2651.1	979202.39	0.41	-111.12
SEL-1284	31	50.79	111	46.48	2631.1	979203.58	0.40	-110.27
SEL-1285	31	51.10	111	47.81	2553.1	979210.47	0.34	-108.51
SEL-1286	31	50.48	111	48.24	2525.1	979212.30	0.32	-107.54
SEL-1287	31	50.12	111	49.13	2472.1	979217.94	0.30	-104.59
SEL-1288	31	48.68	111	50.69	2408.1	979226.14	0.24	-98.33
SEL-1289	31	48.73	111	51.26	2383.1	979231.19	0.26	-94.82
SEL-1290	31	48.60	111	52.29	2359.1	979236.92	0.29	-90.31
SEL-1291	31	47.95	111	51.95	2343.1	979234.94	0.31	-92.35
SEL-1292	31	48.21	111	50.73	2399.1	979227.50	0.24	-96.87
SEL-1293	31	48.21	111	49.96	2438.1	979220.95	0.26	-101.07
SEL-1519	31	56.66	111	46.00	2663.1	979196.17	0.45	-123.65
SEL-191	31	53.94	111	46.09	2490.1	979235.76	2.06	-89.10
SEL-192	31	54.65	111	45.47	2464.1	979236.34	3.34	-89.74
SEL-241	31	54.58	111	54.14	2332.1	979254.07	0.28	-82.86
SEL-242	31	54.90	111	51.63	2412.3	979243.42	0.40	-89.03
SEL-243	31	55.62	111	47.66	2589.5	979226.20	0.38	-96.67
SEL-244	31	56.54	111	46.03	2660.7	979202.21	0.45	-117.59
SEL-329	31	58.94	111	59.61	2160.1	979263.18	0.20	-89.98

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	deg	min	deg	min		observed	tc	cba
SEL-354	31	53.88	111	54.85	2294.1	979259.46	0.24	-78.83
SEL-355	31	52.80	111	56.24	2240.1	979258.68	0.23	-81.38
SEL-356	31	52.52	111	58.42	2167.1	979256.15	0.14	-87.98
SEL-366	31	48.42	111	59.23	2098.1	979252.57	0.15	-90.12
SEL-367	31	45.64	111	55.84	2193.1	979240.84	0.17	-92.42
SEL-368	31	46.43	111	54.55	2241.1	979232.22	0.19	-99.23
SEL-369	31	46.82	111	53.16	2283.1	979228.57	0.20	-100.88
SEL-370	31	47.29	111	52.13	2322.1	979233.46	0.32	-94.18
SEL-371	31	49.07	111	49.46	2473.1	979216.59	0.27	-104.49
SEL-374	31	47.78	111	51.01	2381.1	979231.55	0.26	-93.30
SEL-375	31	46.93	111	50.80	2404.1	979228.75	0.28	-93.56
SEL-376	31	46.18	111	50.36	2396.1	979225.47	0.24	-96.34
SEL-378	31	45.66	111	50.04	2414.1	979223.07	0.25	-96.96
SEL-477	31	45.94	111	47.63	2538.1	979203.38	0.33	-109.55
SRM-0201	32	37.05	111	54.05	1548.0	979377.31	-0.03	-64.40
SRM-0202	32	38.00	111	55.00	1500.0	979378.55	-0.03	-67.33
SRM-0203	32	39.12	111	54.95	1525.0	979376.19	0.15	-69.55
SRM-0204	32	39.90	111	55.50	1485.0	979376.44	0.00	-72.90
SRM-0205	32	40.75	111	55.25	1495.0	979376.40	-0.09	-73.60
SRM-0206	32	41.40	111	54.65	1475.0	979375.84	-0.05	-76.19
SRM-0207	32	42.10	111	54.55	1450.0	979379.11	-0.02	-75.35
SRM-0208	32	41.40	111	49.67	1500.0	979378.18	-0.06	-72.38
SRM-0209	32	39.10	111	51.60	1608.0	979365.74	-0.08	-75.25
SRM-0210	32	38.55	111	52.10	1600.0	979368.42	-0.08	-72.30
SRM-0211	32	36.35	111	53.50	1550.0	979376.20	0.02	-64.39
SRM-0212	32	35.60	111	54.30	1550.0	979371.68	0.13	-67.77
SRM-0213	32	35.05	111	54.65	1600.0	979366.99	0.04	-68.82
SRM-0214	32	23.90	111	55.25	1603.0	979362.91	1.08	-56.47
SRM-0215	32	32.55	111	54.85	1725.0	979350.98	0.41	-73.59
SRM-0386	32	44.97	111	46.97	1461.1	979383.67	-0.16	-74.20
SRM-1038	32	44.18	111	54.41	1404.0	979382.37	-0.15	-77.81
SRM-1039	32	42.80	111	55.42	1431.0	979376.00	-0.04	-80.56
SRM-1040	32	42.31	111	55.37	1435.0	979376.79	0.05	-78.78
SRM-1058	32	43.71	111	51.22	1408.0	979383.22	-0.13	-76.05
SRM-1059	32	43.54	111	52.16	1403.1	979380.07	-0.12	-79.26
SRM-1060	32	43.21	111	53.13	1409.1	979379.39	-0.08	-79.09
SRM-1065	32	41.37	111	55.47	1453.1	979373.53	-0.01	-79.73
SRM-1075	32	44.85	111	55.65	1424.0	979380.05	-0.13	-79.83
SRM-1076	32	44.62	111	55.25	1408.0	979380.33	-0.15	-80.21
SRM-1077	32	44.42	111	54.84	1401.0	979381.27	-0.15	-79.41

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: University of Arizona

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
SRM-1078	32	43.90	111	54.24	1404.0	979383.11	-0.14	-76.67
SRM-1079	32	43.64	111	53.88	1408.0	979382.50	-0.13	-76.68
SRM-1080	32	43.35	111	53.58	1410.0	979381.09	-0.09	-77.52
SRM-1081	32	43.08	111	53.26	1415.1	979378.71	-0.08	-79.23
SRM-1085	32	42.79	111	52.92	1421.1	979377.63	-0.06	-79.53
SRM-1086	32	42.64	111	52.75	1418.0	979377.43	0.02	-79.63
SRM-1087	32	42.48	111	52.58	1408.0	979377.48	0.07	-79.90
SRM-1088	32	42.20	111	52.25	1440.1	979375.00	-0.02	-80.19
SRM-1089	32	42.05	111	52.10	1453.1	979374.41	-0.03	-79.80
SRM-1090	32	41.91	111	51.95	1479.1	979372.93	-0.08	-79.59
SRM-1091	32	41.79	111	51.81	1481.1	979373.17	-0.05	-79.04
SRM-1092	32	41.61	111	51.60	1531.1	979370.01	-0.07	-79.00
SRM-1093	32	41.47	111	51.44	1488.1	979372.67	-0.07	-78.70
SRM-1094	32	41.34	111	51.29	1487.0	979373.25	-0.06	-78.00
SRM-1095	32	41.20	111	51.14	1472.0	979374.83	-0.02	-77.08
SRM-1096	32	41.05	111	50.98	1470.0	979375.67	-0.04	-76.17
SRM-1097	32	40.92	111	50.81	1483.1	979376.25	-0.08	-74.68
SRM-1098	32	40.78	111	50.67	1477.1	979376.97	-0.07	-74.12
SRM-1099	32	40.63	111	50.49	1478.1	979377.19	-0.09	-73.65
SRM-1100	32	40.48	111	50.35	1483.1	979376.90	-0.11	-73.46
SRM-1101	32	40.36	111	50.22	1486.1	979376.99	-0.11	-73.02
SRM-1102	32	40.19	111	50.05	1494.1	979376.42	-0.11	-72.88
SRM-1103	32	40.08	111	49.90	1513.1	979375.18	-0.12	-72.85
SRM-1104	32	39.94	111	49.75	1576.0	979370.99	-0.11	-73.08
SRM-1107	32	39.80	111	49.60	1551.0	979372.35	-0.10	-73.01
SRM-1108	32	39.67	111	49.43	1582.1	979368.57	-0.10	-74.77
SRM-1109	32	39.51	111	49.25	1550.1	979371.19	-0.13	-73.87
SRM-1110	32	39.35	111	49.07	1519.1	979373.94	-0.12	-72.74
SRM-1111	32	39.19	111	48.90	1524.0	979374.03	-0.13	-72.14
SRM-1112	32	39.02	111	48.76	1528.1	979373.74	-0.13	-71.96
SRM-1113	32	38.84	111	48.72	1534.1	979373.52	-0.11	-71.55
SRM-1114	32	38.66	111	48.48	1546.1	979372.88	-0.11	-71.23
SRM-1115	32	38.46	111	48.33	1612.1	979368.92	-0.14	-71.01
SRM-1116	32	38.28	111	48.20	1633.1	979368.14	-0.10	-70.26
SRM-1117	32	38.11	111	48.08	1611.1	979370.01	-0.14	-69.51
SRM-1118	32	37.92	111	47.96	1624.0	979369.32	-0.13	-69.15
SRM-1119	32	37.73	111	47.86	1632.1	979368.97	-0.10	-68.74
SRM-1120	32	37.56	111	47.75	1607.1	979370.63	-0.15	-68.38
SRM-1134	32	36.48	111	52.48	1528.1	979376.03	0.04	-66.02
SRM-1148	32	33.82	111	56.12	1560.1	979364.11	0.04	-72.40

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
SRM-1149	32 33.76	111 57.03	1575.1	979356.97	-0.05	-78.66
SRM-1150	32 33.61	111 57.80	1595.0	979351.62	-0.07	-82.63
SRM-1151	32 33.28	111 59.04	1626.0	979342.92	-0.05	-89.01
SRM-1152	32 33.12	111 59.66	1646.1	979339.17	-0.01	-91.31
SRM-1168	32 43.16	111 55.91	1437.0	979374.75	-0.07	-81.98
SRM-1427	32 30.40	111 47.62	1645.1	979353.73	-0.11	-73.19
SRM-1428	32 31.11	111 48.12	1630.1	979358.21	-0.12	-70.59
SRM-1430	32 32.52	111 49.12	1609.1	979363.69	-0.10	-68.27
SRM-1431	32 33.28	111 49.57	1599.0	979364.28	-0.10	-69.31
SRM-1432	32 33.07	111 55.72	1631.1	979356.50	0.06	-74.73
SRM-1433	32 31.22	111 56.69	1603.1	979348.32	-0.05	-82.17
SRM-387	32 44.49	111 47.21	1474.0	979383.84	-0.10	-72.53
SRM-388	32 42.43	111 49.39	1495.0	979379.27	-0.02	-72.95
SRM-390	32 39.81	111 51.03	1574.0	979368.18	-0.05	-75.78
SRM-391	32 37.06	111 53.07	1523.1	979377.97	0.10	-65.12
SRM-393	32 46.37	111 47.54	1494.1	979377.12	-0.19	-80.73
SRM-394	32 47.21	111 47.08	1493.0	979377.22	-0.15	-81.80
SRM-395	32 48.00	111 46.84	1490.1	979379.52	-0.14	-80.75
SRM-396	32 48.92	111 46.77	1490.1	979381.43	-0.06	-80.02
SRM-640	32 42.28	111 45.41	1496.1	979375.20	-0.20	-76.93
SRM-641	32 41.40	111 45.39	1512.0	979373.50	-0.20	-76.48
SRM-647	32 40.46	111 45.63	1526.0	979371.37	-0.15	-76.44
SRM-648	32 40.53	111 46.45	1512.0	979373.16	-0.17	-75.59
SRM-650	32 39.96	111 47.50	1524.0	979374.11	-0.18	-73.16
SRM-651	32 39.10	111 47.50	1556.1	979372.63	-0.14	-71.51
SRM-652	32 38.23	111 47.50	1592.1	979371.75	-0.15	-69.07
SRM-653	32 37.36	111 47.50	1635.1	979369.05	-0.12	-67.99
SRM-654	32 36.50	111 47.50	1631.1	979367.26	-0.14	-68.86
SRM-655	32 35.62	111 47.50	1594.1	979369.35	-0.14	-67.77
SRM-656	32 34.76	111 47.50	1577.1	979368.36	-0.13	-68.59
SRM-657	32 33.89	111 47.50	1584.1	979365.96	-0.13	-69.39
SRM-658	32 33.01	111 47.50	1598.1	979364.25	-0.13	-69.06
SRM-659	32 32.14	111 47.50	1613.1	979361.62	-0.14	-69.62
SRM-660	32 31.26	111 47.50	1628.1	979358.03	-0.13	-71.10
SSM-1421	32 22.46	111 46.00	1817.1	979319.53	-0.03	-86.24
SSM-1422	32 22.46	111 46.99	1854.1	979318.82	-0.01	-84.72
SSM-1423	32 24.21	111 46.99	1798.1	979324.03	-0.04	-85.26
SSM-1424	32 25.16	111 47.90	1791.1	979326.00	-0.04	-85.01
SSM-1425	32 28.67	111 47.67	1676.0	979334.58	-0.10	-88.13
SSM-1426	32 29.63	111 47.67	1662.1	979343.24	-0.11	-81.62

## PRINCIPAL FACTS

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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
SSM-1526	32 15.97	111 59.97	1887.1	979296.56	0.06	-96.11
SSM-1684	32 29.87	111 56.55	1863.1	979328.22	1.03	-83.85
SSM-1685	32 30.00	111 57.57	1620.0	979345.47	-0.06	-82.35
SSM-1687	32 26.41	111 53.45	1800.1	979331.14	0.14	-80.85
SSM-1688	32 26.09	111 53.07	1880.1	979326.82	0.52	-79.59
SSM-1689	32 25.85	111 52.59	2000.1	979320.25	0.72	-78.48
SSM-1690	32 25.99	111 53.81	1800.1	979331.11	0.21	-80.24
SSM-1691	32 25.52	111 53.50	1920.1	979323.47	0.56	-79.74
SSM-1692	32 25.27	111 54.08	1800.1	979329.31	0.36	-80.91
SSM-1693	32 24.49	111 53.92	1880.1	979323.67	0.55	-80.52
SSM-1696	32 25.30	111 56.32	1670.1	979329.07	0.01	-89.29
SSM-1697	32 25.70	111 57.10	1650.1	979326.68	0.01	-93.42
SSM-1698	32 29.18	111 58.54	1620.0	979331.79	-0.06	-94.91
SSM-1699	32 27.89	111 59.56	1627.1	979324.27	-0.01	-100.20
SSM-1700	32 28.65	111 59.01	1620.0	979329.39	-0.06	-96.59
SSM-1703	32 21.16	111 46.15	1848.1	979318.19	0.00	-83.93
SSM-1704	32 20.73	111 46.37	1860.1	979318.34	0.03	-82.44
SSM-1705	32 20.84	111 46.94	1969.1	979311.82	0.19	-82.46
SSM-1706	32 20.07	111 47.12	1887.1	979316.54	0.03	-81.74
SSM-1707	32 20.06	111 47.71	2000.1	979310.88	0.08	-80.60
SSM-1708	32 19.59	111 47.08	1888.1	979313.78	0.00	-83.82
SSM-1709	32 18.94	111 47.76	1900.1	979310.29	0.00	-85.71
SSM-1710	32 18.48	111 48.63	1914.1	979306.29	0.03	-88.22
SSM-1711	32 18.31	111 49.65	1915.1	979305.63	0.24	-88.37
SSM-1712	32 18.96	111 50.02	1950.1	979306.69	0.16	-86.20
SSM-1713	32 20.07	111 50.56	2118.1	979303.10	0.42	-81.01
SSM-1714	32 20.52	111 50.95	2280.1	979292.64	0.94	-81.91
SSM-1715	32 20.73	111 51.52	2480.1	979280.64	2.69	-80.51
SSM-1716	32 21.05	111 51.84	2840.1	979258.77	4.12	-79.91
SSM-1717	32 21.21	111 50.43	2120.1	979302.73	0.64	-82.59
SSM-1718	32 21.76	111 50.15	2067.1	979306.92	0.36	-82.59
SSM-1719	32 21.97	111 49.37	2000.1	979311.49	0.14	-82.53
SSM-1720	32 22.12	111 48.74	1953.1	979314.46	0.07	-82.63
SSM-1721	32 22.25	111 48.10	1912.1	979316.67	0.02	-83.10
SSM-1722	32 22.39	111 47.52	1880.1	979317.42	0.00	-84.46
SSM-1723	32 23.34	111 46.98	1830.1	979321.24	-0.03	-84.95
SSM-1724	32 26.03	111 47.65	1748.1	979324.63	-0.05	-90.13
SSM-1725	32 26.90	111 47.65	1715.1	979326.60	-0.05	-91.32
SSM-1726	32 27.77	111 47.65	1694.1	979328.39	-0.08	-92.00
SSM-1734	32 28.63	111 50.02	1690.1	979339.73	-0.06	-82.04



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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
SSM-1735	32	29.85	111	49.19	1664.1	979348.89	-0.07	-76.11
SSM-1736	32	29.12	111	49.18	1667.1	979342.43	-0.05	-81.38
SSM-1737	32	21.50	111	54.90	1898.1	979319.74	0.38	-79.48
SSM-1738	32	21.41	111	58.34	1725.1	979320.78	0.00	-89.01
SSM-1739	32	21.42	111	57.38	1730.1	979323.73	0.03	-85.74
SSM-1740	32	21.42	111	57.85	1730.1	979322.29	0.00	-87.22
SSM-1741	32	21.39	111	59.16	1730.1	979318.25	-0.01	-91.23
SSM-1742	32	21.42	111	56.56	1743.1	979324.99	0.05	-83.69
SSM-1743	32	21.43	111	56.04	1773.1	979324.77	0.09	-82.09
SSM-1744	32	21.46	111	55.49	1817.1	979323.35	0.19	-80.83
SSM-265	32	27.28	111	54.03	1707.1	979337.96	0.00	-80.90
SSM-281	32	18.28	111	52.52	1869.1	979314.04	0.18	-82.73
SSM-281	32	18.13	111	50.58	1903.1	979306.13	0.31	-88.27
SSM-283	32	18.14	111	51.58	1888.1	979310.07	0.12	-85.43
SSM-312	32	19.41	111	59.91	1780.1	979305.55	0.04	-98.20
SSM-313	32	19.32	111	59.19	1782.1	979305.74	0.00	-97.81
SSM-314	32	19.39	111	58.20	1775.1	979308.21	0.00	-95.85
SSM-315	32	19.22	111	57.32	1771.1	979310.75	0.02	-93.30
SSM-316	32	17.18	111	56.20	1851.1	979302.81	0.03	-93.68
SSM-317	32	17.26	111	56.79	1841.1	979300.96	0.02	-96.25
ST-1	32	48.10	113	31.40	463.0	979502.53	-0.15	-19.07
ST-2	32	46.30	113	36.20	410.0	979493.05	-0.15	-29.24
STH-A010	32	11.53	112	51.79	1509.4	979333.50	0.21	-75.50
STH-B010	32	11.53	112	51.28	1531.3	979330.71	0.22	-76.98
STH-C010	32	11.53	112	50.76	1549.8	979328.54	0.21	-78.06
SVB-583	32	19.76	111	28.75	2597.1	979265.10	0.48	-89.96
SVB-585	32	20.80	111	28.29	3195.1	979230.58	4.38	-86.31
SVB-586	32	19.72	111	29.37	2423.1	979275.64	0.31	-89.92
SVB-588	32	18.64	111	28.99	2330.1	979279.73	0.27	-89.94
TXH-0109	32	45.34	113	44.26	383.0	979512.75	0.04	-9.64
TXH-0110	32	46.01	113	44.78	358.0	979513.02	0.04	-11.78
TXH-0111	32	46.87	113	44.78	315.0	979507.15	-0.08	-21.51
TXH-0112	32	48.63	113	44.78	322.0	979490.89	-0.14	-39.82
TXH-0113	32	49.51	113	44.78	321.0	979489.58	-0.15	-42.41
TXH-0114	32	49.51	113	43.74	323.0	979492.49	-0.15	-39.38
TXH-0115	32	50.38	113	43.74	329.0	979492.32	-0.13	-40.37
TXH-0116	32	51.24	113	43.74	360.0	979490.74	-0.15	-41.30
TXH-0117	32	52.12	113	43.74	372.0	979490.03	-0.14	-42.49
TXH-0122	32	51.75	113	41.37	382.0	979492.87	-0.14	-38.56
TXH-0123	32	52.12	113	39.63	380.0	979494.55	-0.14	-37.50

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
TXH-0124	32	51.24	113	39.63	334.0	979498.53	-0.16	-35.07
TXH-0125	32	50.38	113	39.63	341.0	979500.89	-0.16	-31.11
TXH-0126	32	50.38	113	40.68	336.0	979499.65	-0.16	-32.65
TXH-0127	32	49.51	113	40.68	333.0	979502.56	-0.16	-28.72
TXH-0128	32	49.51	113	41.69	334.0	979501.76	-0.14	-29.45
TXH-0129	32	49.51	113	42.75	327.0	979491.79	-0.15	-39.85
TXH-0134	32	45.17	113	39.27	360.0	979489.81	-0.15	-33.91
TXH-0144	32	47.15	113	39.19	396.0	979496.23	-0.15	-28.06
TXH-0146	32	48.52	113	40.11	399.0	979496.44	-0.15	-29.55
TXH-0147	32	47.76	113	38.59	405.0	979496.44	-0.15	-28.15
TXH-0148	32	48.58	113	38.59	407.0	979497.02	-0.15	-28.57
VAM-1446	31	44.77	111	50.65	2377.1	979223.37	0.24	-97.68
VAM-1447	31	44.68	111	51.77	2328.1	979220.98	0.22	-102.88
VAM-1448	31	44.18	111	52.77	2282.1	979223.37	0.20	-102.59
VAM-1449	31	43.57	111	53.62	2255.1	979226.19	0.20	-100.56
VAM-1450	31	42.63	111	53.80	2267.1	979222.45	0.21	-102.30
VAM-1451	31	42.25	111	54.53	2281.1	979223.08	0.21	-100.33
VAM-1452	31	40.65	111	54.87	2380.1	979217.08	0.24	-98.24
VAM-1454	31	39.03	111	54.60	2502.1	979207.75	0.33	-98.02
VAM-1455	31	38.46	111	54.45	2553.1	979205.92	0.36	-96.01
VAM-1456	31	37.86	111	54.38	2631.1	979203.94	0.42	-92.47
VAM-1457	31	35.98	111	53.85	3060.1	979179.78	1.41	-87.51
VAM-1458	31	36.34	111	53.73	2949.1	979188.61	1.14	-86.06
VAM-1461	31	42.11	111	52.94	2287.1	979219.07	0.21	-103.79
VAM-1462	31	41.23	111	51.67	2319.1	979213.70	0.26	-106.01
VAM-1463	31	39.75	111	50.50	2380.1	979208.42	0.27	-105.66
VAM-1464	31	39.21	111	50.08	2401.1	979207.68	0.28	-104.41
VAM-1465	31	37.84	111	48.48	2426.1	979203.42	0.34	-105.27
VAM-1466	31	37.44	111	48.01	2438.1	979201.14	0.36	-106.28
VAM-1467	31	35.42	111	49.48	2647.1	979195.10	0.40	-97.10
VAM-1468	31	35.05	111	49.79	2710.1	979193.02	0.45	-94.87
VAM-1469	31	34.67	111	50.52	2801.1	979193.58	0.61	-88.21
VAM-1470	31	34.42	111	49.83	2722.1	979190.16	0.49	-96.12
VAM-1471	31	34.25	111	49.22	2665.1	979188.90	0.42	-100.63
VAM-1472	31	34.02	111	48.53	2611.1	979187.36	0.34	-105.16
VAM-1473	31	33.50	111	46.84	2527.1	979181.57	0.38	-115.23
VAM-1510	31	36.87	111	45.63	2532.1	979188.27	0.38	-112.75
VAM-379	31	44.61	111	49.33	2436.1	979221.78	0.31	-95.46
VAM-380	31	43.83	111	48.84	2484.8	979218.41	0.45	-94.73
VAM-381	31	42.77	111	48.49	2485.1	979216.48	0.32	-95.34

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: University of Arizona

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
VAM-382	31	41.62	111	48.27	2417.1	979213.35	0.36	-100.95
VAM-383	31	39.98	111	47.74	2426.1	979203.19	0.31	-108.42
VAM-410	31	36.81	111	46.75	2477.1	979192.68	0.34	-111.59
VAM-478	31	42.43	111	46.60	2513.1	979199.35	0.36	-110.31
VAM-479	31	41.02	111	46.22	2509.1	979196.91	0.37	-111.08
VAM-480	31	40.04	111	45.95	2508.1	979196.85	0.39	-109.86
VAM-481	31	38.28	111	47.20	2447.1	979197.73	0.34	-110.30
VAM-482	31	43.19	111	54.61	2248.1	979228.92	0.23	-97.70
VAM-664	31	35.34	111	52.73	3554.2	979150.28	2.54	-85.53
VAM-665	31	36.12	111	55.21	2838.1	979191.99	0.58	-89.57
VAM-666	31	36.48	111	56.25	2748.1	979195.15	0.46	-92.39
VAM-667	31	36.69	111	57.02	2690.1	979194.62	0.43	-96.69
VAM-668	31	37.30	111	58.96	2580.1	979203.83	0.36	-94.93
VAM-669	31	37.41	111	59.34	2558.1	979201.46	0.34	-98.78
VAM-674	31	42.72	111	54.45	2259.1	979226.87	0.22	-98.48
VAM-675	31	42.62	111	55.37	2277.1	979229.89	0.20	-94.26
VAM-676	31	42.63	111	56.36	2307.1	979232.39	0.26	-89.93
VAM-677	31	42.29	111	57.12	2340.1	979232.28	0.27	-87.60
VAM-678	31	41.57	111	57.58	2357.1	979232.08	0.29	-85.80
VAM-679	31	41.06	111	58.46	2364.1	979232.21	0.27	-84.58
VAM-680	31	41.42	111	59.55	2364.1	979233.82	0.43	-83.30
VAM-681	31	41.95	111	57.97	2369.1	979232.75	0.33	-84.88
VAM-682	31	40.86	111	59.70	2335.1	979235.37	0.33	-82.83
VEK-1002	32	43.67	112	13.56	1957.0	979350.48	0.27	-75.61
VEK-1003	32	42.10	112	13.21	1992.0	979339.96	0.20	-81.97
VEK-1004	32	39.14	112	14.25	2085.0	979329.05	0.21	-83.27
VEK-2012	32	38.25	112	14.87	2136.0	979328.03	0.22	-80.02
VEK-2013	32	39.93	112	12.86	2026.0	979328.35	0.20	-88.58
VEK-2014	32	39.00	112	13.02	2048.0	979326.87	0.19	-87.49
VEK-4006	32	38.63	112	9.07	2083.0	979328.44	0.61	-82.90
VEK-4007	32	39.38	112	8.18	2050.0	979333.99	0.36	-80.59
VEK-4008	32	39.99	112	7.66	2088.0	979334.76	0.28	-78.48
VEK-4009	32	40.84	112	8.05	2104.0	979333.88	0.42	-79.42
VEK-4010	32	40.84	112	9.10	2090.0	979331.53	0.72	-82.31
VEK-4011	32	42.88	112	11.37	2085.0	979338.65	0.35	-78.65
VEK-4012	32	43.62	112	10.25	2221.0	979332.02	1.68	-76.85
VEK-4013	32	43.78	112	9.84	2345.0	979331.02	1.09	-71.26
VEK-4014	32	44.38	112	11.35	2078.0	979348.42	1.16	-70.54
VEK-6001	32	38.23	112	12.17	2035.0	979326.81	0.59	-86.86
VEK-6002	32	38.23	112	13.18	2074.0	979326.11	0.18	-85.65

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation

Data source: University of Arizona

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
VEK-6003	32	38.23	112	14.21	2111.0	979327.53	0.20	-82.00
VEK-6004	32	38.23	112	11.13	2032.0	979329.39	0.97	-84.08
VEK-6007	32	37.17	112	11.90	2029.0	979328.72	0.88	-83.58
VEK-6008	32	36.64	112	12.17	2025.0	979329.06	0.84	-82.79
VHL-1196	32	17.63	111	33.96	2152.1	979289.23	0.08	-89.87
VHL-1197	32	17.32	111	33.66	2154.1	979288.10	0.08	-90.47
VHL-1198	32	16.96	111	33.32	2152.1	979287.76	0.07	-90.45
VHL-1199	32	16.61	111	32.96	2151.1	979287.24	0.10	-90.52
VHL-1200	32	16.26	111	32.64	2154.1	979286.35	0.07	-90.78
VHL-1201	32	15.93	111	32.31	2158.1	979285.83	0.04	-90.65
VHL-1202	32	15.57	111	31.96	2166.1	979280.17	0.03	-95.35
VHL-1203	32	15.23	111	31.65	2184.1	979276.10	0.01	-97.91
VHL-1357	32	17.92	111	34.23	2156.1	979291.32	0.06	-87.96
VHL-1358	32	18.23	111	34.46	2132.1	979294.78	0.09	-86.33
VHL-1359	32	18.58	111	34.71	2136.1	979294.85	0.02	-86.56
VHL-1360	32	18.92	111	34.94	2139.1	979294.59	0.01	-87.12
VHL-1361	32	19.25	111	35.17	2137.1	979294.60	0.02	-87.67
VHL-1362	32	19.56	111	35.40	2137.1	979294.90	0.05	-87.76
VHL-1363	32	19.90	111	35.64	2137.1	979294.94	0.06	-88.17
VHL-1364	32	20.25	111	35.84	2133.1	979295.11	0.06	-88.72
VHL-1365	32	20.58	111	36.12	2130.1	979293.44	0.11	-90.97
VHL-1366	32	20.89	111	36.34	2117.1	979294.17	0.17	-91.37
VHL-1367	32	21.21	111	36.57	2116.1	979295.12	0.17	-90.92
VHL-1368	32	21.54	111	36.80	2096.1	979295.94	0.30	-91.61
VHL-1369	32	21.69	111	36.90	2087.1	979296.57	0.47	-91.55
VHL-1370	32	21.85	111	37.00	2082.1	979297.15	0.58	-91.38
VHL-1371	32	22.00	111	37.12	2077.1	979297.55	0.46	-91.60
VHL-1372	32	22.17	111	37.23	2070.1	979297.89	0.49	-91.88
VHL-1373	32	22.47	111	37.48	2061.1	979299.96	0.33	-90.91
VHL-1392	32	25.83	111	34.14	2268.1	979298.60	0.35	-84.48
VHL-1393	32	25.59	111	34.75	2231.1	979301.19	0.43	-83.70
VHL-1399	32	23.50	111	38.19	2015.1	979305.14	0.18	-90.03
VHL-1400	32	23.82	111	38.40	2003.1	979305.37	0.04	-91.09
VHL-1401	32	24.20	111	38.64	1988.1	979306.19	0.01	-91.71
VHL-1404	32	25.22	111	36.32	2367.1	979291.38	1.26	-84.06
VHL-1405	32	25.16	111	38.08	1997.1	979311.59	0.42	-86.67
VHL-1406	32	25.34	111	39.48	1932.1	979311.32	-0.02	-91.50
VHL-1411	32	24.96	111	39.17	1956.1	979309.21	-0.01	-91.66
VHL-1412	32	24.59	111	38.92	1967.1	979307.89	-0.01	-91.81
VHL-1413	32	23.16	111	37.94	2032.1	979304.15	0.29	-89.43

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: University of Arizona

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y observed	tc	cba
VHL-1414	32 22.81	111 37.69	2050.1	979302.44	0.33	-89.55
VHL-1417	32 22.83	111 38.53	2004.1	979305.77	0.15	-89.17
VHL-1418	32 22.37	111 41.94	1857.1	979309.46	-0.06	-93.83
VHL-1419	32 22.37	111 42.94	1844.1	979312.28	-0.07	-91.79
VHL-1420	32 22.37	111 44.98	1817.1	979317.77	-0.04	-87.88
VHL-581	32 19.99	111 30.18	2426.1	979273.52	0.52	-92.01
VKM-1130	32 43.46	112 2.94	1909.0	979348.90	0.33	-79.71
VKM-1131	32 43.46	112 3.98	2013.0	979342.04	0.30	-80.40
VKM-1132	32 43.46	112 5.00	2139.0	979336.99	0.47	-77.76
VKM-1133	32 43.46	112 6.01	2264.0	979329.72	0.71	-77.34
VKM-1139	32 37.85	112 10.04	2067.0	979330.28	0.63	-80.93
VKM-1140	32 38.72	112 10.75	2031.0	979329.24	0.80	-85.13
VKM-1141	32 39.50	112 11.48	2027.0	979328.37	0.64	-87.47
VKM-1142	32 40.24	112 12.18	2022.0	979328.45	0.40	-88.94
VKM-1143	32 40.85	112 12.19	2028.0	979330.38	0.32	-87.57
VKM-1144	32 40.85	112 11.16	2072.0	979327.83	0.40	-87.42
VKM-1145	32 40.85	112 10.14	2101.0	979327.20	0.53	-86.18
VKM-1154	32 33.58	112 0.85	1677.0	979338.99	0.42	-89.84
VKM-1155	32 34.34	112 0.55	1652.0	979345.42	0.40	-85.96
VKM-1156	32 32.65	112 1.56	1702.0	979332.37	0.17	-93.96
VKM-1157	32 32.27	112 2.71	1740.0	979331.38	0.09	-92.24
VKM-1158	32 31.85	112 3.58	1775.0	979330.73	0.07	-90.24
VKM-1159	32 31.42	112 4.35	1796.0	979330.80	0.08	-88.33
VKM-1161	32 30.78	112 5.43	1857.0	979331.64	0.25	-82.81
VKM-1169	32 39.96	112 5.37	1966.0	979337.62	0.19	-82.94
VKM-1170	32 36.66	112 9.17	2164.3	979330.02	0.35	-74.04
VKM-1171	32 36.20	112 8.60	2254.0	979325.20	0.53	-72.70
VKM-1172	32 35.54	112 8.71	2242.0	979326.47	0.41	-71.37
VKM-1173	32 35.45	112 9.24	2182.6	979328.60	0.28	-72.78
VKM-1174	32 34.94	112 9.93	2050.0	979333.61	0.40	-74.86
VKM-1176	32 33.40	112 9.62	1962.0	979338.54	0.70	-72.78
VKM-1177	32 32.04	112 7.93	1901.0	979335.34	0.53	-77.92
VKM-853	32 35.14	112 13.16	2054.0	979336.15	0.74	-72.02
VKM-854	32 34.53	112 12.80	2039.0	979337.51	0.55	-70.91
VKM-861	32 35.00	112 11.96	2014.0	979339.45	0.66	-70.99
VKM-862	32 35.45	112 11.35	2011.0	979333.61	1.26	-77.03
VKM-863	32 36.19	112 10.89	2043.0	979329.62	0.99	-80.39
VKM-864	32 36.87	112 10.23	2080.0	979329.29	0.64	-79.80
VKM-865	32 37.35	112 9.58	2092.0	979331.27	0.62	-77.77
VKM-866	32 37.29	112 8.38	2192.0	979325.39	0.57	-77.66

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
Data source: University of Arizona

STATION	LATITUDE		LONGITUDE		ELEVATION	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
VKM-867	32	37.35	112	7.77	2059.0	979333.33	0.79	-77.51
VKM-868	32	37.07	112	6.82	1966.0	979340.43	0.30	-76.06
VKM-869	32	37.09	112	5.82	1941.0	979341.82	0.31	-76.18
VKM-870	32	37.08	112	4.84	1884.0	979342.66	0.63	-78.40
VKM-871	32	36.37	112	3.28	1798.0	979351.06	0.17	-74.62
VKM-873	32	35.53	112	1.67	1696.0	979352.83	0.28	-77.68
VKM-874	32	35.13	112	0.86	1657.0	979350.41	0.55	-81.60
W-1	32	41.50	114	0.00	349.0	979481.15	-0.07	-38.12
WES-0010	32	12.36	112	54.49	1536.0	979345.58	0.34	-62.84
WHY-0002	32	16.19	112	44.48	1784.0	979326.60	0.31	-72.27

Date: 08/31/81

Appendix E,  
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## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
Data source: Department of Defense

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y observed	tc	cba
3097 859	31 33.10	111 45.59	7867.0	979176.15	0.34	-116.93
3277 290	31 34.19	111 41.00	8903.0	979163.32	0.93	-110.36
31100129	31 34.75	111 50.68	8638.0	979190.81	0.64	-89.09
31100088	31 36.37	111 55.91	8467.0	979193.02	0.49	-92.56
3277 37	31 39.89	112 7.40	6998.0	979239.66	0.42	-79.47
3277 283	31 41.00	111 58.90	7206.0	979231.99	0.29	-84.70
3277 36	31 44.20	112 5.20	6476.0	979245.17	0.16	-90.24
3097 655	31 45.20	111 50.99	7193.0	979223.55	0.23	-99.11
3277 30	31 46.19	112 6.40	6149.0	979262.84	0.19	-81.62
3277 28	31 46.40	112 0.29	6409.0	979248.44	0.22	-91.19
3097 317	31 47.60	112 17.00	5419.0	979290.18	0.11	-70.54
3277 197	31 47.99	112 27.29	5277.0	979293.74	0.17	-70.22
3097 269	31 48.50	112 12.70	5666.0	979286.49	0.15	-70.57
3277 283	31 48.50	112 18.20	5368.0	979292.63	0.12	-70.29
3277 23	31 48.80	111 49.40	7539.0	979215.83	0.27	-104.87
3097 169	31 48.89	112 33.29	5273.0	979303.98	0.37	-61.07
3277 196	31 49.19	112 33.50	5307.0	979304.83	0.33	-60.01
3097 267	31 49.30	112 3.59	6130.0	979255.34	0.12	-93.75
3277 29	31 49.30	112 4.90	6064.0	979261.71	0.12	-88.68
3097 266	31 49.40	112 8.20	5883.0	979276.26	0.27	-77.66
3277 131	31 51.50	112 44.69	4349.0	979327.51	0.23	-59.28
3277 282	31 51.80	112 20.80	5328.0	979303.37	0.20	-64.71
3277 27	31 52.19	112 0.29	6425.0	979256.60	0.14	-90.60
3277 25	31 52.79	111 56.30	6828.0	979258.80	0.23	-81.24
3097 352	31 53.09	112 48.59	4410.0	979323.29	0.40	-64.28
3277 32	31 53.20	112 8.69	5785.0	979279.26	0.13	-81.84
3097 379	31 53.20	112 48.80	4298.0	979324.67	0.23	-65.41
3277 195	31 53.30	112 33.80	5794.0	979295.08	0.30	-65.81
3097 359	31 53.39	112 50.00	4368.0	979326.35	0.31	-62.54
3097 361	31 53.69	112 51.40	4145.0	979327.51	0.25	-66.21
3277 21	31 53.80	111 47.09	8006.0	979207.65	0.37	-110.56
3097 362	31 53.80	112 52.30	4002.0	979330.25	0.23	-66.43
3097 360	31 53.99	112 50.50	4407.0	979328.38	0.32	-60.54
3277 824	31 54.10	112 53.30	4022.0	979328.53	0.21	-68.18
3097 353	31 54.29	112 48.70	4532.0	979321.48	0.26	-65.46
3097 319	31 54.40	112 20.60	5337.0	979303.91	0.12	-67.58
3097 365	31 54.70	112 55.10	3883.0	979330.65	0.23	-69.57
46882738	31 54.80	111 52.44	7315.0	979246.24	0.33	-86.88
3097 366	31 54.89	112 56.00	3801.0	979334.96	0.23	-67.12
3097 649	31 55.00	111 53.80	7193.0	979251.68	0.27	-84.16

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
Data source: Department of Defense

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y observed	tc	cba
3097 654	31 55.00	111 58.49	6663.0	979263.00	0.16	-83.32
3277 33	31 55.19	112 2.69	6230.0	979263.51	0.21	-91.50
3097 354	31 55.19	112 48.10	4785.0	979323.63	0.41	-59.43
3097 367	31 55.19	112 56.80	3706.0	979341.50	0.19	-62.88
3277 35	31 55.30	112 12.80	5624.0	979298.44	0.20	-68.58
3277 826	31 55.90	112 58.00	3675.0	979348.74	0.17	-57.23
3277 281	31 56.00	112 20.30	5386.0	979305.25	0.11	-67.46
3277 134	31 56.00	112 47.90	4937.0	979316.64	0.37	-64.59
3097 370	31 56.20	112 58.90	3615.0	979349.43	0.16	-58.13
3097 371	31 56.50	112 59.90	3472.0	979352.92	0.18	-57.82
3277 827	31 56.50	113 0.59	3447.0	979354.31	0.17	-56.92
3097 372	31 56.60	112 48.59	5243.0	979314.25	0.49	-61.69
3277 280	31 56.90	112 27.50	6181.0	979284.17	0.74	-73.57
3097 355	31 56.99	112 47.80	5063.0	979314.84	0.37	-65.26
3277 825	31 57.10	112 52.60	4847.0	979321.98	0.37	-62.49
3277 193	31 57.20	112 34.79	6317.0	979285.40	0.61	-70.22
3097 535	31 57.20	113 0.50	3496.0	979354.12	0.19	-57.09
3097 373	31 57.40	112 48.59	5334.0	979315.35	0.63	-59.75
3097 374	31 57.80	112 47.99	5203.0	979315.17	0.40	-63.26
3097 536	31 58.00	113 0.59	3627.0	979351.27	0.20	-58.44
3277 828	31 58.00	113 5.20	3088.0	979363.20	0.15	-57.10
3097 375	31 58.30	112 48.59	5334.0	979313.89	0.50	-62.55
3277 34	31 58.49	112 4.10	6052.0	979269.83	0.14	-93.19
3097 377	31 58.70	112 50.80	5654.0	979307.87	0.60	-62.76
3097 376	31 58.90	112 49.70	5681.0	979309.29	0.49	-61.19
20510318	31 59.00	111 55.70	7029.0	979258.56	1.03	-85.14
3097 315	31 59.30	112 16.49	5672.0	979301.09	0.13	-70.46
3097 381	31 59.60	112 48.29	5432.0	979313.90	0.51	-62.38
3097 378	31 59.60	112 50.50	5761.0	979305.57	0.61	-64.17
20510316	31 59.69	111 41.80	9299.0	979192.26	0.99	-107.98
3277 279	31 59.80	112 20.20	5498.0	979310.14	0.14	-65.49
46882851	31 59.88	111 51.80	9223.0	979216.12	2.24	-84.62
46882829	31 59.99	111 57.29	7059.0	979263.16	0.33	-81.99
46882569	32 0.15	111 40.85	9211.0	979190.64	1.02	-111.92
3277 822	32 0.50	112 58.49	4129.0	979341.70	0.43	-61.35
3277 812	32 0.59	112 34.79	6624.0	979274.71	0.46	-79.64
3097 308	32 1.00	112 48.20	5334.0	979314.89	0.47	-65.24
3097 306	32 1.00	112 57.59	4350.0	979341.26	0.47	-58.11
3277 128	32 1.19	113 16.19	2572.0	979391.36	0.31	-43.18
31110594	32 1.63	111 46.29	9133.0	979196.88	0.70	-109.53



## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
Data source: Department of Defense

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A observed	V I T Y tc	cba
3097 304	32 1.79	112 55.30	5227.0	979326.54	0.75	-56.47
3277 155	32 2.00	112 18.80	5781.0	979295.80	0.13	-77.28
3277 274	32 2.09	112 13.60	6346.0	979283.66	0.29	-78.32
3097 302	32 2.09	112 52.10	5334.0	979315.33	0.46	-66.29
3097 309	32 2.20	112 47.80	5331.0	979312.11	0.49	-69.68
3277 127	32 2.39	113 20.00	2340.0	979403.92	0.11	-36.98
4688 415	32 2.75	112 22.58	5587.0	979303.41	0.15	-74.45
3097 501	32 3.10	112 24.40	5721.0	979300.85	0.17	-74.85
3277 126	32 3.40	113 23.50	2092.0	979411.13	0.08	-36.01
3277 156	32 3.50	112 26.39	5882.0	979298.70	0.24	-74.32
3277 819	32 3.50	112 46.60	5897.0	979303.98	0.77	-68.22
3097 502	32 3.89	112 28.60	6066.0	979295.91	0.22	-74.06
4688 363	32 4.17	112 11.97	7022.0	979274.97	0.71	-76.19
3277 842	32 4.19	113 5.09	3402.0	979372.89	0.20	-49.60
3097 404	32 4.40	112 33.59	6562.0	979289.36	0.43	-71.39
3277 820	32 4.60	112 52.90	4842.0	979329.68	0.32	-65.10
3277 129	32 4.79	113 27.89	2162.0	979397.73	0.03	-49.98
3097 498	32 5.09	112 17.99	6151.0	979290.25	0.22	-79.69
3277 271	32 5.20	112 3.29	6434.0	979271.54	0.34	-92.89
20510319	32 5.50	112 0.20	6507.0	979270.16	0.37	-93.21
3277 810	32 5.69	112 36.80	6852.0	979282.68	0.64	-73.94
3277 125	32 5.80	113 21.20	2381.0	979406.01	0.04	-38.78
3277 730	32 5.80	113 31.00	2502.0	979396.85	0.17	-45.45
3277 154	32 5.99	112 17.80	6222.0	979291.08	0.20	-78.71
3035 68	32 5.99	113 17.20	2772.0	979393.34	0.11	-43.99
31110833	32 6.73	111 42.92	8131.0	979223.64	0.43	-109.56
3277 296	32 7.10	111 40.90	7696.0	979231.14	0.29	-111.22
3277 841	32 7.10	113 6.70	3240.0	979374.91	0.12	-54.77
3277 729	32 7.49	113 36.29	2611.0	979394.57	0.42	-47.64
3277 66	32 7.49	113 41.09	3430.0	979394.54	1.67	-30.41
3277 149	32 7.60	112 24.50	5810.0	979300.65	0.15	-79.43
46882812	32 7.68	111 51.96	8738.0	979227.98	0.91	-94.15
3277 813	32 8.20	112 39.80	6489.0	979304.04	1.35	-62.37
3097 499	32 8.30	112 16.49	6623.0	979284.64	0.31	-80.32
3277 809	32 8.30	112 34.70	7008.0	979291.12	0.60	-66.02
4688 286	32 8.47	112 6.67	7431.0	979271.44	0.69	-77.57
4688 392	32 8.48	112 22.54	5794.0	979301.66	0.18	-79.89
3277 814	32 8.50	112 44.69	5745.0	979306.82	0.45	-75.45
3277 816	32 8.60	112 46.00	5527.0	979312.67	0.37	-74.08
3277 291	32 8.90	111 53.20	8019.0	979247.90	0.68	-90.19

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
3277 817	32	8.99	112	50.20	4748.0	979326.91	0.28	-75.69
3277 818	32	9.20	112	54.29	4329.0	979345.19	0.31	-65.87
4688 453	32	9.31	112	28.34	6166.0	979301.99	0.27	-73.32
3277 733	32	9.40	113	34.10	2460.0	979401.91	0.08	-46.18
3277 728	32	9.59	113	41.09	3430.0	979383.20	0.94	-45.33
3277 130	32	9.70	113	29.39	2295.0	979402.82	0.09	-48.89
20510320	32	9.89	112	7.30	7349.0	979271.46	1.35	-80.42
3277 276	32	10.00	112	7.60	7684.0	979267.69	0.69	-78.44
3097 407	32	10.10	112	39.40	6538.0	979304.19	0.50	-64.69
3277 731	32	10.49	113	31.19	2329.0	979400.76	0.07	-51.38
4688 289	32	10.53	112	11.72	8013.0	979262.71	0.64	-77.75
20510321	32	11.09	112	16.79	6700.0	979282.56	0.34	-84.65
3277 150	32	11.09	112	22.00	5904.0	979301.01	0.16	-81.96
3277 839	32	11.20	113	14.30	2926.0	979395.12	0.26	-46.13
20510322	32	11.69	112	26.39	6047.0	979299.66	0.20	-81.28
3277 148	32	11.69	112	27.29	6082.0	979299.08	0.20	-81.18
31110849	32	11.74	111	42.11	6884.0	979264.97	0.17	-99.70
4688 312	32	12.23	112	17.41	6473.0	979292.20	0.30	-81.04
3277 808	32	12.40	112	34.30	6625.0	979292.31	0.36	-78.13
20510323	32	12.59	112	35.39	6553.0	979297.46	0.36	-74.65
31110640	32	12.74	111	48.27	6973.0	979274.31	0.59	-89.55
31111124	32	12.75	111	56.59	6336.0	979285.68	0.15	-91.10
3277 807	32	13.10	112	39.29	6204.0	979308.38	0.36	-71.24
3277 277	32	13.19	112	5.39	6572.0	979290.34	0.26	-82.31
3277 732	32	13.40	113	35.00	2606.0	979398.33	0.14	-52.28
4688 186	32	13.58	112	6.34	6693.0	979297.18	0.71	-73.18
3035 66	32	13.60	113	44.90	3578.0	979380.88	0.44	-50.70
3277 815	32	13.70	112	45.20	5413.0	979327.91	0.37	-67.99
3277 708	32	14.00	113	49.40	3696.0	979378.83	1.13	-50.30
3277 151	32	14.30	112	21.29	6002.0	979294.87	0.18	-90.52
3277 806	32	14.60	112	43.60	5601.0	979327.66	0.52	-65.64
3277 832	32	14.80	113	23.30	2682.0	979409.85	0.29	-41.02
20510324	32	14.99	112	44.00	5438.0	979326.36	0.43	-70.75
3672 23	32	15.04	114	0.70	3633.0	979393.94	0.78	-38.18
3277 739	32	15.10	113	34.49	2896.0	979397.63	0.38	-49.38
3277 707	32	15.20	113	52.90	3640.0	979381.22	0.46	-51.30
3277 110	32	15.29	112	52.19	4953.0	979340.88	0.28	-66.27
3277 738	32	15.29	113	37.10	2768.0	979399.72	0.18	-50.25
20510340	32	15.40	112	4.00	6136.0	979309.46	0.13	-74.85
3277 846	32	16.30	112	56.99	5054.0	979348.70	0.88	-57.25

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: Department of Defense

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
3277 734	32 16.60	113 41.60	3052.0	979398.17	1.55	-46.66
3277 834	32 16.70	113 29.80	3033.0	979405.31	0.25	-41.32
3097 282	32 16.79	112 3.40	5861.0	979313.58	0.18	-77.95
4734TA6	32 16.90	113 49.79	4337.0	979369.83	2.14	-49.70
3277 706	32 16.90	113 57.59	3245.0	979388.62	0.31	-54.09
3277 855	32 17.00	113 11.30	2617.0	979397.89	0.03	-57.50
3277 229	32 17.39	111 55.30	5663.0	979304.22	0.05	-92.13
27570695	32 17.53	111 42.10	6031.0	979299.99	0.11	-89.29
31110615	32 17.78	111 52.21	5775.0	979311.26	0.09	-83.39
3679 96	32 17.93	114 0.47	3328.0	979397.22	0.37	-45.20
3277 293	32 17.99	111 47.39	5892.0	979303.33	0.00	-89.41
3277 41	32 18.40	113 50.50	4383.0	979371.76	1.87	-49.18
4688 11	32 18.59	112 3.39	5672.0	979314.35	0.13	-83.38
3277 121	32 18.89	112 40.19	5805.0	979322.22	0.89	-72.56
3277 106	32 18.89	112 46.00	5100.0	979330.25	0.44	-78.76
3277 42	32 19.00	113 50.99	4278.0	979374.43	2.10	-49.15
3277 833	32 19.10	113 26.80	2493.0	979422.70	0.04	-37.96
3277 705	32 19.30	114 2.90	3431.0	979407.87	0.83	-33.95
27570274	32 19.55	111 47.18	5756.0	979313.83	-0.01	-83.70
3277 847	32 19.90	113 0.89	4520.0	979371.43	0.80	-49.94
3277 735	32 19.90	113 42.29	2908.0	979407.13	0.38	-46.17
3097 283	32 20.30	112 3.70	5608.0	979321.23	0.30	-79.90
3277 258	32 20.50	111 47.00	5651.0	979318.96	0.06	-81.85
3277 227	32 20.50	112 3.40	5560.0	979317.82	0.09	-84.74
3097 739	32 20.60	112 30.80	6675.0	979301.49	0.53	-78.95
4734TA7	32 20.60	113 52.49	3810.0	979388.73	1.62	-46.65
4688 110	32 20.71	112 9.57	6105.0	979309.24	0.13	-82.90
3277 736	32 21.20	113 39.89	2605.0	979411.10	0.86	-49.41
3277 43	32 21.40	113 55.70	3393.0	979396.27	0.60	-49.37
3277 233	32 21.59	112 9.40	6197.0	979307.54	0.19	-83.94
3277 118	32 21.59	112 40.49	5505.0	979329.95	0.60	-74.65
3277 136	32 21.89	112 27.50	6715.0	979305.98	0.37	-75.59
3277 52	32 22.10	113 40.00	2536.0	979417.49	0.98	-45.47
3679 98	32 22.19	114 3.40	3115.0	979409.95	0.40	-42.40
20510325	32 22.30	112 52.00	5340.0	979351.76	0.64	-57.00
2381	32 22.40	112 51.59	5339.0	979351.74	0.43	-57.38
3277 259	32 22.49	111 41.90	5660.0	979309.50	-0.06	-93.96
3277 112	32 22.49	112 56.69	5527.0	979364.60	0.69	-40.71
3097 285	32 22.60	112 11.80	6645.0	979301.60	0.20	-82.48
3277 850	32 22.60	113 9.59	2495.0	979407.59	0.17	-57.67

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation

Data source: Department of Defense

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
3277 849	32 22.79	113 6.59	3224.0	979406.27	1.16	-44.01
3277 51	32 22.79	113 40.19	2469.0	979425.99	0.74	-39.46
3277 49	32 23.09	113 32.00	2329.0	979430.25	0.06	-39.03
3277 45	32 23.39	113 54.59	3667.0	979398.73	2.65	-42.21
3277 848	32 23.69	113 2.69	4029.0	979386.82	0.48	-49.63
3277 140	32 23.80	112 28.49	6820.0	979304.12	0.43	-77.94
3277 114	32 23.99	112 41.99	5468.0	979328.80	0.60	-79.80
3277 107	32 24.10	112 51.20	4937.0	979354.63	0.27	-64.83
27570574	32 24.32	111 54.43	5538.0	979325.06	0.35	-82.87
3277 678	32 24.50	114 1.70	684.0	979462.45	11.50	-29.45
3277 704	32 24.50	114 4.49	2865.0	979415.56	0.28	-44.94
27570340	32 24.56	111 46.99	5441.0	979324.47	-0.04	-86.08
3277 234	32 24.89	112 14.80	7027.0	979298.78	0.40	-80.74
46882603	32 25.08	111 59.65	5059.0	979320.33	0.00	-98.35
3277 852	32 25.10	113 15.29	2463.0	979427.77	0.04	-41.65
3277 836	32 25.10	113 23.90	2070.0	979438.30	0.17	-38.67
3277 44	32 25.10	113 58.30	2718.0	979417.29	0.54	-46.65
3277 257	32 25.19	111 47.00	5383.0	979324.93	-0.06	-87.63
3277 46	32 25.60	113 40.00	2249.0	979441.48	0.10	-32.74
3277 236	32 25.90	112 6.70	6373.0	979316.36	0.55	-77.19
3277 853	32 25.90	113 12.40	2196.0	979423.11	0.04	-52.62
3277 48	32 26.50	113 34.40	2065.0	979437.60	0.04	-41.50
3277 115	32 26.80	112 40.40	6148.0	979322.76	0.57	-76.40
3277 105	32 26.80	112 54.89	4642.0	979368.58	0.85	-59.75
3097 284	32 27.40	112 1.19	5060.0	979315.59	0.48	-105.75
3277 141	32 27.80	112 28.90	7174.0	979300.36	0.52	-80.14
3277 235	32 28.00	112 14.50	6810.0	979306.26	0.27	-81.88
3277 676	32 28.00	114 2.99	475.0	979472.55	10.69	-29.02
3277 147	32 28.19	112 16.49	6666.0	979310.20	0.25	-81.04
3277 117	32 28.19	112 30.20	7181.0	979300.88	0.49	-80.04
3277 142	32 28.49	112 25.40	7666.0	979294.06	0.88	-77.39
3277 116	32 28.49	112 36.20	8575.0	979267.98	1.97	-84.58
3277 255	32 28.60	111 44.60	5163.0	979328.25	-0.11	-93.31
3277 256	32 28.60	111 47.69	5108.0	979334.80	-0.10	-87.83
3679 99	32 28.73	114 1.06	2789.0	979429.80	0.78	-37.46
3277 50	32 29.00	113 37.40	1884.0	979449.04	-0.01	-37.06
3277 838	32 29.20	113 25.00	1791.0	979440.76	-0.06	-47.48
27570552	32 29.36	111 53.00	5419.0	979341.30	0.24	-75.94
27570360	32 29.79	111 47.66	5057.0	979345.58	-0.11	-79.68
3277 146	32 29.80	112 18.50	6868.0	979311.88	0.79	-77.06

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation

Data source: Department of Defense

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
20510338	32 29.99	111 57.70	5017.0	979348.46	-0.01	-77.75
4734TAC1	32 30.29	114 2.39	2560.0	979439.07	0.45	-35.12
4734TAC2	32 30.29	114 3.40	2286.0	979442.43	0.22	-37.35
4734TAC3	32 30.29	114 4.49	2118.0	979444.90	0.13	-38.25
3277 218	32 30.40	111 46.49	5026.0	979347.25	-0.13	-79.46
46882315	32 30.40	111 58.30	4931.0	979339.01	-0.07	-89.50
46882361	32 30.41	112 12.20	6851.0	979316.96	0.84	-73.10
3097 745	32 30.50	111 57.10	4871.0	979346.06	-0.06	-83.75
3277 720	32 30.50	113 53.60	2277.0	979441.83	0.09	-38.54
3277 801	32 30.59	112 52.49	3971.0	979392.63	0.39	-54.45
3277 144	32 30.89	112 19.10	6875.0	979311.82	0.78	-78.48
46882336	32 31.06	112 6.41	5742.0	979332.37	0.60	-80.51
3277 239	32 31.19	112 5.00	5554.0	979332.49	0.19	-84.65
22705721	32 31.28	111 44.44	5005.0	979353.07	-0.13	-75.26
3277 202	32 31.40	113 16.40	2089.0	979438.78	-0.07	-46.65
3277 802	32 31.70	112 56.39	3682.0	979398.87	0.12	-55.65
3277 747	32 31.70	113 41.30	1729.0	979447.21	0.00	-45.59
3277 716	32 31.70	113 57.29	2683.0	979440.54	0.35	-33.27
22705722	32 31.70	111 43.43	5029.0	979357.14	-0.12	-71.28
3277 713	32 31.90	114 3.59	2105.0	979450.55	0.20	-34.98
3277 217	32 32.00	111 43.00	5043.0	979356.24	-0.13	-72.32
3277 722	32 32.20	113 51.50	1984.0	979450.91	0.02	-37.57
3277 749	32 32.30	113 38.30	1844.0	979466.64	0.09	-24.65
3277 778	32 32.39	112 37.00	6592.0	979322.99	0.70	-74.98
3277 803	32 32.50	113 2.09	3211.0	979418.19	0.07	-46.68
3277 203	32 32.60	113 21.50	1833.0	979462.83	0.02	-29.15
3679 108	32 32.63	114 1.18	2429.0	979452.79	0.38	-27.23
3277 238	32 32.80	112 0.70	5111.0	979332.92	0.23	-95.05
22700010	32 32.99	111 40.34	4993.0	979350.56	0.23	-79.97
22705723	32 32.99	111 41.39	4971.0	979355.28	-0.13	-76.04
22705719	32 32.99	111 43.42	4935.0	979361.89	-0.14	-70.15
22705720	32 32.99	111 44.44	4916.0	979363.81	-0.14	-68.60
3277 223	32 33.20	111 49.70	4875.0	979364.43	-0.09	-69.02
3097 746	32 33.20	111 55.60	4950.0	979358.46	0.15	-73.28
22700011	32 33.40	111 40.30	4919.0	979350.18	-0.01	-82.60
3277 224	32 33.59	111 56.20	4804.0	979362.39	-0.01	-72.90
3277 145	32 33.59	112 11.99	6401.0	979327.02	0.35	-76.67
3277 143	32 33.70	112 26.99	7041.0	979302.79	1.09	-87.79
22700012	32 33.74	111 40.34	4874.0	979349.85	-0.14	-84.41
22705718	32 33.85	111 42.40	4855.0	979358.76	-0.15	-76.03

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
227000I3	32	33.88	111	40.04	4877.0	979350.32	-0.16	-84.09
3277 804	32	34.10	113	7.70	2795.0	979430.72	0.03	-44.50
3277 805	32	34.30	113	12.70	2428.0	979432.16	-0.05	-50.58
3277 776	32	34.49	112	45.20	4642.0	979367.34	0.39	-71.95
3277 750	32	34.49	113	40.90	1629.0	979467.55	0.35	-30.67
4688 702	32	34.71	111	52.67	5120.0	979367.82	0.11	-62.70
22705717	32	34.75	111	41.39	4825.0	979352.48	-0.15	-84.12
3277 215	32	34.79	112	13.49	6312.0	979332.09	0.49	-74.84
3277 777	32	34.79	112	41.80	5505.0	979349.25	0.92	-73.04
3277 108	32	35.00	112	50.99	3677.0	979402.63	0.08	-56.53
3277 745	32	35.20	113	30.29	1375.0	979454.65	-0.10	-49.95
3679 109	32	35.39	114	0.29	2609.0	979456.32	0.80	-23.53
46882049	32	35.62	111	59.87	4953.0	979352.82	0.14	-82.18
46882243	32	35.62	112	11.67	6141.0	979333.53	1.15	-77.22
22705716	32	35.65	111	40.82	4834.0	979351.70	-0.17	-85.98
3277 715	32	35.69	113	58.90	1908.0	979473.89	0.13	-20.74
3277 205	32	35.80	113	27.20	1455.0	979450.12	-0.11	-53.75
3277 240	32	35.99	112	2.39	5309.0	979352.68	0.15	-75.86
46882272	32	36.07	112	6.03	6163.0	979337.91	0.42	-73.76
3277 214	32	36.10	111	40.30	4840.0	979351.18	-0.18	-87.01
3097 747	32	36.29	111	53.60	4679.0	979376.13	0.09	-65.19
22700717	32	37.00	111	40.30	4831.0	979354.44	-0.18	-85.16
3277 800	32	37.00	112	55.49	3254.0	979424.94	0.32	-44.99
227000H3	32	37.37	111	40.60	4804.0	979357.51	-0.15	-83.09
227000H2	32	37.37	111	41.02	4795.0	979359.96	-0.13	-80.79
227000H1	32	37.37	111	41.45	4831.0	979363.49	-0.09	-76.52
227000H0	32	37.39	111	41.86	4999.0	979361.29	0.11	-75.26
3679 7	32	37.42	114	0.52	1597.0	979482.40	0.06	-20.74
227000H4	32	37.49	111	40.30	4807.0	979356.77	-0.17	-83.95
227000H5	32	37.88	111	40.30	4791.0	979358.29	-0.16	-83.27
20510337	32	38.00	111	52.60	4965.0	979368.96	-0.07	-69.27
20510327	32	38.00	112	52.00	3456.0	979410.06	0.06	-57.54
3277 157	32	38.20	112	35.30	5323.0	979351.94	0.43	-79.07
3277 28	32	38.80	114	2.50	1251.0	979485.70	-0.04	-26.18
227000G0	32	39.11	111	44.42	5041.0	979365.80	0.19	-72.21
3277 744	32	39.20	113	34.10	1241.0	979473.55	-0.12	-39.16
3277 86	32	39.20	113	43.70	1520.0	979493.24	0.30	-13.60
3277 796	32	39.40	112	51.20	3463.0	979413.92	0.08	-55.44
3277 132	32	39.59	111	44.39	4825.0	979368.51	-0.13	-74.70
3277 94	32	39.70	111	40.30	4752.0	979363.27	-0.20	-81.58

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
Data source: Department of Defense

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
3277 135	32 39.70	111 42.40	4708.0	979370.89	-0.14	-74.76
3277 250	32 39.70	111 46.49	4759.0	979370.60	-0.17	-74.08
3277 224	32 39.70	111 48.59	4624.0	979376.44	-0.16	-70.88
3277 178	32 39.70	111 50.60	4704.0	979370.51	-0.01	-75.09
3277 717	32 39.80	113 57.20	1326.0	979477.87	-0.07	-33.95
3277 209	32 39.89	112 5.39	5992.0	979337.49	0.19	-82.98
22700062	32 39.98	111 43.90	4697.0	979370.17	-0.11	-76.05
3097 748	32 40.00	111 50.80	4724.0	979370.26	-0.06	-75.41
3277 775	32 40.30	112 51.10	3401.0	979421.04	0.22	-50.63
3277 725	32 40.30	113 49.90	1237.0	979476.00	-0.07	-38.24
3277 93	32 40.49	111 40.19	4748.0	979363.19	-0.20	-82.82
3277 126	32 40.49	111 41.30	4702.0	979366.17	-0.19	-80.73
3277 134	32 40.49	111 42.40	4680.0	979371.08	-0.16	-76.22
3277 133	32 40.49	111 43.40	4658.0	979369.69	-0.14	-78.02
3277 130	32 40.49	111 45.40	4652.0	979371.12	-0.15	-76.72
3277 223	32 40.49	111 47.50	4583.0	979376.11	-0.18	-73.11
3277 226	32 40.49	111 49.60	4510.0	979377.57	-0.12	-73.01
3277 175	32 40.49	111 50.60	4525.0	979376.38	-0.07	-73.86
3277 176	32 40.49	111 51.59	4932.0	979364.91	0.96	-76.34
22700064	32 40.57	111 43.79	4654.0	979370.61	-0.16	-77.31
3277 225	32 40.60	111 48.59	4567.0	979377.59	-0.13	-72.04
4688 898	32 40.62	111 45.93	4645.0	979372.07	-0.17	-76.10
31080201	32 40.71	111 58.19	4779.0	979362.82	-0.04	-82.72
3277 214	32 40.79	112 14.80	6299.0	979337.60	0.23	-78.05
3277 757	32 40.79	113 1.49	2655.0	979440.30	-0.02	-46.86
4688 828	32 40.82	111 51.64	4818.0	979366.29	0.24	-78.36
22705751	32 40.88	111 46.43	4584.0	979374.93	-0.19	-74.81
22700065	32 40.93	111 43.84	4630.0	979371.93	-0.15	-76.94
35981155	32 41.09	114 1.19	847.0	979495.19	0.14	-27.54
3277 29	32 41.09	114 1.40	1003.0	979495.14	-0.06	-24.74
46882159	32 41.28	112 4.98	6190.0	979338.10	0.25	-80.34
22700066	32 41.36	111 43.82	4615.0	979372.87	-0.17	-76.90
3277 92	32 41.39	111 40.30	4723.0	979364.11	-0.21	-83.63
3277 125	32 41.39	111 41.20	4682.0	979366.32	-0.21	-82.22
3277 127	32 41.39	111 42.29	4655.0	979368.66	-0.20	-80.40
22700068	32 41.39	111 42.85	4642.0	979371.15	-0.19	-78.16
3277 128	32 41.39	111 43.40	4620.0	979371.11	-0.17	-78.61
3277 153	32 41.39	111 45.29	4596.0	979373.40	-0.19	-76.81
3277 222	32 41.39	111 46.40	4564.0	979375.36	-0.18	-75.46
3277 157	32 41.39	111 48.50	4791.0	979373.01	-0.10	-73.29

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: Department of Defense

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
3277 174	32 41.39	111 49.60	4573.0	979377.93	-0.07	-72.60
3277 156	32 41.39	111 50.60	4585.0	979376.66	0.00	-73.57
3277 179	32 41.39	111 51.59	4587.0	979371.58	-0.03	-78.64
3277 231	32 41.39	111 52.60	5205.0	979358.01	0.50	-79.60
3277 743	32 41.60	113 35.60	1140.0	979479.01	-0.13	-38.97
22705747	32 41.69	111 49.46	4670.0	979377.43	-0.02	-71.57
22705752	32 41.74	111 46.43	4557.0	979375.91	-0.18	-75.52
22700069	32 41.75	111 42.83	4636.0	979371.05	-0.20	-78.88
1083001'	32 41.99	113 56.80	1059.0	979480.90	-0.10	-39.16
22700610	32 42.10	111 42.85	4624.0	979371.59	-0.20	-79.04
3277 147	32 42.20	111 43.40	4608.0	979372.22	-0.20	-78.87
3277 218	32 42.20	111 48.50	6169.0	979342.41	3.21	-74.73
35981156	32 42.20	113 52.90	1012.0	979482.99	-0.11	-38.29
227000E3	32 42.20	111 54.98	4374.0	979378.70	0.00	-76.76
22700613	32 42.28	111 41.78	4651.0	979368.74	-0.21	-81.63
22700612	32 42.28	111 42.19	4639.0	979369.63	-0.22	-80.98
22700611	32 42.28	111 42.59	4627.0	979371.15	-0.22	-79.70
227000E2	32 42.28	111 54.50	4362.0	979379.65	0.02	-76.14
22700713	32 42.29	111 42.83	4621.0	979371.26	-0.22	-79.72
3277 91	32 42.29	111 40.30	4689.0	979365.30	-0.22	-84.35
3277 124	32 42.29	111 41.30	4658.0	979367.10	-0.21	-83.14
3277 136	32 42.29	111 44.39	4570.0	979373.91	-0.21	-78.05
3277 221	32 42.29	111 46.40	4542.0	979376.31	-0.18	-76.17
3277 159	32 42.29	111 47.50	4653.0	979376.38	0.11	-73.64
3277 155	32 42.29	111 49.49	4555.0	979378.81	-0.04	-73.28
3277 230	32 42.29	111 50.60	4409.0	979379.27	-0.06	-75.69
3277 180	32 42.29	111 51.59	4362.0	979377.03	-0.04	-78.83
227000E1	32 42.50	111 54.19	4356.0	979380.64	0.09	-75.50
22700615	32 42.52	111 41.30	4654.0	979368.25	-0.22	-82.40
3277 212	32 42.59	112 11.20	6471.0	979336.84	0.30	-77.84
3277 199	32 42.70	112 21.40	7544.0	979330.68	1.35	-62.11
1083005	32 42.70	113 51.59	1035.0	979484.50	-0.12	-37.02
227000E5	32 42.73	111 55.40	4365.0	979376.52	-0.01	-79.85
22700616	32 42.88	111 41.30	4645.0	979368.99	-0.22	-82.32
22705746	32 42.89	111 49.18	4538.0	979382.87	0.02	-70.31
22705748	32 43.00	111 46.81	4542.0	979380.28	-0.14	-73.13
3277 795	32 43.00	112 50.39	3167.0	979437.44	0.10	-42.62
227000E6	32 43.07	111 55.60	4356.0	979375.67	-0.07	-81.41
3277 90	32 43.10	111 40.30	4658.0	979366.62	-0.22	-84.75
3277 123	32 43.10	111 41.20	4632.0	979368.79	-0.21	-83.07



## PRINCIPAL FACTS

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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
3277 173	32 43.10	111 48.59	4652.0	979381.24	0.14	-69.88
3277 235	32 43.10	111 49.60	4406.0	979382.89	-0.08	-73.26
3277 232	32 43.10	111 52.60	4276.0	979378.75	-0.08	-79.94
3277 212	32 43.19	111 41.30	4639.0	979368.96	-0.21	-82.89
3277 145	32 43.19	111 42.29	4600.0	979371.30	-0.22	-81.32
3277 146	32 43.19	111 43.30	4581.0	979373.26	-0.22	-79.73
3277 151	32 43.19	111 45.50	4523.0	979376.95	-0.19	-77.14
3277 220	32 43.19	111 46.40	4522.0	979379.33	-0.17	-74.77
3277 219	32 43.19	111 47.50	4813.0	979377.25	0.25	-70.74
3277 234	32 43.19	111 50.60	4326.0	979381.12	-0.08	-76.72
3277 233	32 43.19	111 51.59	4300.0	979379.77	-0.09	-78.58
227000E7	32 43.46	111 55.55	4331.0	979376.28	-0.10	-81.85
22705745	32 43.64	111 48.11	4569.0	979384.05	-0.01	-69.59
227000E8	32 43.70	111 55.19	4307.0	979378.51	-0.12	-80.44
3097 749	32 43.79	111 47.99	4557.0	979383.65	-0.08	-70.49
227000E9	32 43.93	111 54.86	4289.0	979380.26	-0.13	-79.37
3277 122	32 44.00	111 41.20	4598.0	979371.82	-0.22	-81.95
3277 248	32 44.00	111 42.40	4568.0	979374.32	-0.22	-80.04
3277 143	32 44.00	111 43.30	4544.0	979376.05	-0.22	-78.78
3277 149	32 44.00	111 45.40	4499.0	979379.04	-0.20	-76.65
3277 150	32 44.00	111 46.40	4486.0	979381.07	-0.16	-74.83
3277 236	32 44.00	111 48.50	4458.0	979386.17	-0.15	-70.27
3277 237	32 44.00	111 49.49	4362.0	979385.86	-0.15	-72.45
3277 238	32 44.00	111 50.60	4317.0	979384.60	-0.12	-74.56
3277 239	32 44.00	111 51.59	4287.0	979383.13	-0.15	-76.65
3277 89	32 44.09	111 40.30	4624.0	979369.32	-0.22	-84.06
22700E10	32 44.15	111 54.50	4279.0	979382.16	-0.15	-77.98
3277 208	32 44.20	111 56.90	4526.0	979375.60	-0.05	-79.68
3277 742	32 44.20	113 37.19	1104.0	979486.43	-0.14	-35.82
3277 718	32 44.20	113 57.20	802.0	979492.64	-0.11	-35.48
3277 30	32 44.20	114 2.00	771.0	979505.51	0.19	-22.92
3277 213	32 44.30	112 14.20	5955.0	979353.66	0.27	-73.49
3277 726	32 44.30	113 50.99	1042.0	979494.30	-0.11	-29.27
22700E11	32 44.35	111 54.20	4261.0	979384.34	-0.16	-76.43
3277 798	32 44.50	112 57.80	2607.0	979448.03	-0.06	-45.18
1083005	32 44.50	113 41.09	1162.0	979495.50	-0.11	-26.00
22700E12	32 44.51	111 53.86	4255.0	979384.67	-0.16	-76.44
3277 198	32 44.60	112 24.59	8452.0	979318.44	1.70	-58.83
227000F1	32 44.69	111 47.02	4459.0	979383.68	-0.15	-73.68
22700E13	32 44.75	111 53.50	4246.0	979385.38	-0.17	-76.25

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
3277 88	32 44.90	111 40.19	4601.0	979372.87	-0.23	-82.09
3277 121	32 44.90	111 41.09	4568.0	979375.32	-0.22	-80.27
3277 144	32 44.90	111 42.29	4539.0	979378.00	-0.22	-78.16
3277 142	32 44.90	111 43.40	4515.0	979379.98	-0.21	-76.63
3277 140	32 44.90	111 45.40	4471.0	979382.19	-0.19	-75.27
3277 245	32 44.90	111 47.50	4453.0	979384.04	-0.14	-73.72
3277 244	32 44.90	111 48.50	4415.0	979387.39	-0.15	-71.12
3277 243	32 44.90	111 49.60	4363.0	979386.94	-0.10	-72.54
3277 242	32 44.90	111 50.60	4323.0	979385.18	-0.12	-75.10
3277 240	32 44.90	111 51.59	4291.0	979385.44	-0.19	-75.54
3277 241	32 44.90	111 52.60	4299.0	979383.85	-0.18	-76.96
227000F2	32 44.93	111 46.75	4453.0	979383.25	-0.15	-74.56
227000E14	32 44.95	111 53.18	4249.0	979385.85	-0.17	-75.99
3277 154	32 44.99	111 46.30	4458.0	979382.45	-0.17	-75.36
3277 33	32 45.10	113 59.39	788.0	979501.86	0.04	-27.62
227000E15	32 45.13	111 52.82	4255.0	979386.33	-0.18	-75.66
227000F3	32 45.17	111 46.49	4447.0	979383.53	-0.15	-74.72
3277 764	32 45.20	112 49.40	3186.0	979450.93	0.73	-31.14
3277 39	32 45.20	113 59.39	788.0	979501.89	0.05	-27.71
227000F4	32 45.29	111 46.10	4447.0	979384.20	-0.15	-74.22
227000E16	32 45.35	111 52.46	4255.0	979387.37	-0.19	-74.93
3672 30	32 45.35	114 4.15	1158.0	979491.92	0.22	-30.49
227000F5	32 45.50	111 45.71	4447.0	979386.33	-0.18	-72.41
3277 740	32 45.50	113 38.39	1177.0	979488.99	-0.15	-33.62
227000E17	32 45.55	111 52.10	4255.0	979389.12	-0.19	-73.45
3277 54	32 45.70	111 42.29	4518.0	979382.58	-0.22	-75.08
3277 55	32 45.70	111 43.40	4485.0	979383.60	-0.21	-74.70
3277 229	32 45.70	111 45.40	4443.0	979386.78	-0.16	-72.29
3277 254	32 45.70	111 47.50	4407.0	979386.77	-0.13	-72.97
3277 787	32 45.70	112 4.30	5996.0	979354.76	0.51	-73.27
31080046	32 45.75	111 56.65	4406.0	979381.51	-0.12	-78.31
3277 167	32 45.80	111 40.19	4581.0	979377.15	-0.23	-79.43
3277 53	32 45.80	111 41.20	4539.0	979380.14	-0.23	-77.26
3277 69	32 45.80	111 44.30	4463.0	979386.10	-0.20	-72.75
3277 177	32 45.80	111 45.40	4450.0	979386.72	-0.17	-72.36
3277 261	32 45.80	111 48.50	4384.0	979388.34	-0.13	-71.99
227000E18	32 45.82	111 52.37	4240.0	979388.84	-0.19	-74.39
227000C1	32 45.82	112 3.29	5621.0	979361.19	0.26	-74.59
227000C0	32 45.83	112 3.71	5782.0	979359.27	0.34	-73.29
3277 52	32 45.89	111 40.19	4575.0	979378.03	-0.23	-78.79

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
Data source: Department of Defense

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y observed	tc	cba
3277 62	32 46.00	113 31.30	1521.0	979501.92	-0.13	-14.64
227000D0	32 46.09	111 59.86	4795.0	979379.29	0.38	-72.89
227000C2	32 46.09	112 3.05	5450.0	979365.11	0.22	-74.42
3277 181	32 46.10	111 56.60	4381.0	979383.34	-0.12	-77.45
22705662	32 46.10	111 57.80	4526.0	979382.24	-0.09	-75.68
3277 781	32 46.10	112 29.69	5757.0	979372.23	0.43	-61.10
227000F7	32 46.12	111 45.41	4435.0	979388.41	-0.16	-71.39
22700E19	32 46.16	111 52.61	4231.0	979389.46	-0.19	-74.41
3277 97	32 46.19	112 31.49	5251.0	979380.14	0.65	-62.99
1083005	32 46.19	113 36.50	1235.0	979493.00	-0.15	-29.43
22705103	32 46.34	112 32.69	4923.0	979384.53	1.25	-64.62
227000C3	32 46.34	112 2.78	5328.0	979369.19	0.18	-73.11
227000D1	32 46.45	111 59.87	4770.0	979380.81	0.04	-72.69
22705027	32 46.48	112 48.71	3051.0	979462.94	0.02	-24.23
3277 71	32 46.49	113 17.99	1734.0	979481.80	-0.15	-31.29
3277 84	32 46.60	111 40.19	4528.0	979381.86	-0.23	-76.85
3277 68	32 46.60	111 44.39	4437.0	979389.11	-0.15	-71.30
3277 228	32 46.60	111 45.40	4410.0	979389.43	-0.15	-71.51
3277 252	32 46.60	111 46.49	4402.0	979387.55	-0.18	-73.58
3277 255	32 46.60	111 48.50	4342.0	979390.46	-0.13	-71.79
3277 270	32 46.60	111 49.49	4306.0	979387.78	-0.05	-75.09
3277 265	32 46.60	111 52.60	4223.0	979388.02	-0.19	-76.61
20510328	32 46.60	112 49.00	3002.0	979465.06	0.01	-23.24
227000C4	32 46.64	112 2.51	5212.0	979373.41	0.15	-71.60
22700810	32 46.64	111 40.00	4560.0	979382.68	-0.23	-75.46
3277 72	32 46.70	111 41.30	4522.0	979384.09	-0.21	-74.85
3277 73	32 46.70	111 42.29	4504.0	979387.77	-0.19	-71.50
3277 56	32 46.70	111 43.30	4462.0	979386.70	-0.18	-73.38
3277 253	32 46.70	111 47.39	4382.0	979387.93	-0.16	-73.70
3277 176	32 46.70	111 50.00	4292.0	979387.50	-0.14	-75.87
3277 269	32 46.70	111 50.50	4276.0	979386.28	-0.18	-77.44
227000D2	32 46.76	111 59.87	4718.0	979382.48	-0.01	-72.51
3277 61	32 46.79	113 35.00	1246.0	979498.77	-0.13	-24.24
227000F9	32 46.82	111 45.41	4401.0	979390.26	-0.17	-71.18
22700E21	32 46.87	111 52.61	4215.0	979388.18	-0.19	-76.98
22705030	32 46.93	112 52.30	2783.0	979458.16	-0.05	-34.93
22705656	32 46.94	111 54.70	4179.0	979389.88	-0.17	-76.06
22705657	32 46.94	111 55.73	4206.0	979391.16	-0.15	-74.23
22705661	32 46.94	111 57.80	4432.0	979387.38	-0.10	-73.54
227000C5	32 46.94	112 2.30	5102.0	979375.81	0.12	-71.79

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation

Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
3277 69	32	47.00	113	23.09	1603.0	979498.20	-0.14	-18.13
35981158	32	47.09	113	34.19	1292.0	979499.19	-0.15	-23.36
227000D3	32	47.15	111	59.87	4679.0	979383.37	-0.01	-72.92
22705102	32	47.15	112	34.28	4404.0	979394.24	1.28	-66.14
22700F10	32	47.18	111	45.40	4395.0	979391.30	-0.18	-70.76
227000C6	32	47.21	112	2.11	4996.0	979378.80	0.09	-71.28
22700E22	32	47.21	111	52.61	4206.0	979387.32	-0.20	-78.49
3277 92	32	47.39	112	40.60	3502.0	979419.29	0.03	-60.30
227000C7	32	47.48	112	1.85	4895.0	979381.50	0.06	-70.95
227000D4	32	47.48	111	59.87	4627.0	979385.72	-0.02	-72.05
3277 82	32	47.50	111	40.19	4528.0	979384.91	-0.23	-75.03
3277 75	32	47.50	111	41.30	4525.0	979388.81	-0.16	-71.12
3277 74	32	47.50	111	42.29	4711.0	979386.09	0.53	-69.51
3277 57	32	47.50	111	43.30	4443.0	979390.51	-0.10	-70.97
3277 227	32	47.50	111	45.40	4392.0	979392.00	-0.21	-70.58
3277 260	32	47.50	111	46.40	4364.0	979390.75	-0.20	-72.37
3277 257	32	47.50	111	47.50	4346.0	979388.78	-0.19	-74.68
3277 256	32	47.50	111	48.50	4319.0	979388.59	-0.18	-75.39
3277 258	32	47.50	111	49.49	4289.0	979387.06	-0.17	-77.49
3277 268	32	47.50	111	50.60	4256.0	979385.39	-0.21	-79.85
3277 267	32	47.50	111	51.59	4223.0	979385.55	-0.21	-80.34
3277 34	32	47.50	113	54.10	900.0	979502.64	-0.07	-28.05
22705654	32	47.51	111	46.96	4356.0	979389.88	-0.19	-73.40
22700811	32	47.54	111	40.00	4532.0	979385.67	-0.23	-74.25
22700E23	32	47.56	111	52.63	4206.0	979387.47	-0.20	-78.82
3277 67	32	47.60	111	44.30	4422.0	979391.27	-0.18	-70.83
22705655	32	47.80	111	54.70	4154.0	979390.42	-0.18	-77.20
22705658	32	47.80	111	55.72	4145.0	979392.68	-0.16	-75.10
22705659	32	47.80	111	56.77	4240.0	979390.86	-0.15	-75.05
22705660	32	47.80	111	57.80	4334.0	979389.88	-0.11	-74.15
22705031	32	47.80	112	53.32	2640.0	979459.39	-0.08	-37.72
3277 753	32	47.80	113	14.60	2089.0	979472.35	-0.13	-35.58
3277 68	32	47.80	113	27.29	1576.0	979498.24	-0.13	-19.71
227000C8	32	47.81	112	1.90	4834.0	979383.66	0.05	-70.44
227000D5	32	47.83	111	59.87	4590.0	979387.49	-0.04	-71.50
22705101	32	47.83	112	36.01	3926.0	979406.56	0.42	-64.95
22700F12	32	47.87	111	45.40	4383.0	979394.34	-0.21	-68.92
22700E24	32	47.93	111	52.64	4191.0	979387.75	-0.20	-79.34
227000C9	32	47.99	112	1.55	4773.0	979385.67	0.02	-69.90
1083005	32	47.99	113	31.79	1391.0	979503.20	-0.15	-18.64

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
Data source: Department of Defense

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y observed	tc	cba
3035 15	32 47.99	113 32.39	1360.0	979503.37	-0.16	-19.10
227000D6	32 48.20	111 59.87	4538.0	979388.27	-0.04	-72.25
22700F13	32 48.20	111 45.40	4377.0	979395.33	-0.21	-68.51
22700C10	32 48.23	112 1.19	4691.0	979387.34	0.01	-70.17
3277 212	32 48.29	111 47.50	4321.0	979391.68	-0.21	-73.38
3277 76	32 48.40	111 41.30	4520.0	979391.78	-0.12	-69.44
3277 77	32 48.40	111 42.40	6870.0	979339.90	4.69	-70.55
3277 70	32 48.40	111 43.30	4508.0	979391.68	0.19	-69.47
3277 66	32 48.40	111 44.30	4391.0	979393.70	-0.15	-70.07
3277 217	32 48.40	111 45.40	4382.0	979395.16	-0.22	-68.86
3277 216	32 48.40	111 46.40	4342.0	979394.39	-0.21	-70.40
3277 213	32 48.40	111 48.50	4293.0	979389.77	-0.20	-75.97
3277 215	32 48.40	111 49.40	4265.0	979388.74	-0.20	-77.55
22705649	32 48.40	111 49.52	4264.0	979389.25	-0.20	-77.06
3277 259	32 48.40	111 50.60	4234.0	979385.66	-0.22	-81.25
3277 272	32 48.40	111 51.59	4210.0	979385.72	-0.21	-81.66
3277 271	32 48.40	111 52.60	4178.0	979387.07	-0.21	-80.93
22700C11	32 48.47	112 0.89	4615.0	979388.91	0.04	-70.39
22700F14	32 48.53	111 45.41	4377.0	979395.80	-0.22	-68.50
227000D7	32 48.53	111 59.86	4493.0	979389.40	-0.05	-72.46
22700E26	32 48.68	111 52.64	4170.0	979388.13	-0.21	-80.41
22700821	32 48.68	111 54.70	4136.0	979390.83	-0.19	-78.36
22700C12	32 48.70	112 0.52	4538.0	979389.99	0.04	-71.13
3277 785	32 48.70	112 8.09	6062.0	979358.78	0.58	-72.00
3277 93	32 48.70	112 41.00	3280.0	979427.82	-0.02	-57.96
22705025	32 48.83	112 47.39	2899.0	979463.32	-0.06	-30.12
227000D8	32 48.89	111 59.86	4438.0	979390.33	-0.04	-73.09
22700C13	32 48.98	112 0.20	4453.0	979391.22	0.06	-71.93
22705100	32 49.01	112 37.39	3511.0	979417.60	0.11	-63.96
3277 622	32 49.19	111 40.19	4477.0	979391.62	-0.21	-71.62
3277 79	32 49.19	111 41.30	4469.0	979392.90	-0.13	-70.42
3277 81	32 49.19	111 42.29	4996.0	979384.81	0.71	-67.36
3277 63	32 49.19	111 43.30	4796.0	979388.47	0.75	-67.57
3277 64	32 49.19	111 44.30	4375.0	979394.70	-0.13	-70.45
3277 175	32 49.19	111 45.40	4343.0	979397.13	-0.22	-68.74
3277 214	32 49.19	111 48.50	4269.0	979393.55	-0.23	-73.78
3277 193	32 49.19	111 49.49	4241.0	979391.87	-0.23	-76.01
3277 194	32 49.19	111 50.60	4211.0	979387.34	-0.22	-81.11
3277 80	32 49.19	113 25.10	1469.0	979490.73	-0.17	-31.26
227000D9	32 49.22	111 59.86	4383.0	979391.07	-0.06	-73.90

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation

Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
3277 78	32	49.30	111	40.19	4477.0	979391.54	-0.21	-71.85
3277 210	32	49.30	111	46.49	4309.0	979399.06	-0.23	-67.63
3277 211	32	49.30	111	47.39	4279.0	979398.19	-0.22	-69.08
3277 195	32	49.30	111	51.59	4175.0	979386.84	-0.22	-82.46
35981159	32	49.30	113	26.99	1481.0	979492.99	-0.16	-28.90
1083001	32	49.30	113	27.40	1490.0	979493.30	-0.16	-28.42
3277 621	32	49.40	111	40.10	4476.0	979392.16	-0.21	-71.38
3277 36	32	49.49	113	46.30	1005.0	979488.59	-0.14	-42.84
22705664	32	49.55	111	56.78	4106.0	979392.34	-0.17	-78.60
22705663	32	49.55	111	57.80	4142.0	979392.68	-0.14	-77.53
22700010	32	49.58	111	59.84	4340.0	979391.46	-0.06	-74.84
3277 780	32	49.60	112	25.19	5531.0	979372.71	0.30	-69.97
3277 70	32	49.60	113	25.10	1469.0	979490.72	-0.17	-31.83
22705099	32	49.67	112	37.94	3331.0	979421.01	0.08	-65.00
3277 788	32	49.70	112	1.90	4527.0	979392.89	0.04	-69.82
22705094	32	49.78	112	41.23	3127.0	979433.00	-0.05	-57.28
3277 620	32	49.79	111	40.60	4454.0	979391.60	-0.20	-72.90
3277 619	32	49.90	111	40.90	4444.0	979392.20	-0.19	-72.64
22700011	32	49.94	111	59.84	4298.0	979392.10	-0.08	-75.54
3277 618	32	50.00	111	41.09	4439.0	979392.51	-0.19	-72.57
3277 180	32	50.00	111	57.80	4101.0	979391.94	-0.15	-79.71
1083005	32	50.00	113	21.80	1552.0	979484.40	-0.17	-37.08
22700082	32	50.06	112	8.18	5599.0	979371.00	0.91	-70.37
22700081	32	50.06	112	8.60	5672.0	979368.84	0.97	-71.04
3277 617	32	50.09	111	41.20	4424.0	979392.95	-0.18	-72.53
3277 616	32	50.09	111	41.30	4428.0	979393.33	-0.18	-72.07
3277 112	32	50.09	111	41.39	4418.0	979393.76	-0.16	-71.82
3277 65	32	50.09	111	42.29	4417.0	979397.53	-0.08	-67.99
3277 59	32	50.09	111	43.30	4418.0	979399.19	0.01	-66.22
3277 62	32	50.09	111	44.39	4338.0	979396.68	-0.17	-70.47
3277 208	32	50.09	111	45.40	4315.0	979396.87	-0.23	-70.79
3277 199	32	50.09	111	48.50	4232.0	979395.65	-0.22	-73.63
3277 196	32	50.09	111	51.59	4171.0	979388.00	-0.23	-82.48
3277 197	32	50.09	111	52.60	4137.0	979388.45	-0.21	-82.67
22700080	32	50.09	112	9.05	5813.0	979365.51	0.52	-72.11
22705838	32	50.12	111	43.90	4362.0	979399.49	-0.10	-67.16
22705837	32	50.12	111	44.90	4343.0	979397.14	-0.22	-70.00
22705836	32	50.12	111	45.88	4295.0	979399.10	-0.23	-68.99
22705832	32	50.12	111	46.91	4264.0	979399.59	-0.23	-69.11
22705666	32	50.14	111	46.46	4282.0	979399.69	-0.23	-68.69

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
227000B3	32	50.18	112	7.70	5502.0	979373.55	0.46	-70.34
3277 615	32	50.20	111	41.39	4417.0	979393.82	-0.17	-71.94
3277 207	32	50.20	111	46.30	4294.0	979398.97	-0.23	-69.26
3277 206	32	50.20	111	47.39	4256.0	979399.16	-0.23	-69.80
3277 192	32	50.20	111	49.49	4212.0	979395.10	-0.22	-74.72
3277 198	32	50.20	111	50.50	4186.0	979392.07	-0.22	-78.26
3277 173	32	50.20	111	51.59	4170.0	979387.97	-0.23	-82.68
3277 784	32	50.20	112	10.79	5731.0	979365.72	0.67	-73.50
227000B4	32	50.27	112	7.30	5395.0	979376.30	0.29	-69.97
3277 72	32	50.30	113	19.79	1671.0	979479.71	-0.16	-39.84
227000B5	32	50.39	112	6.89	5273.0	979379.00	0.38	-69.73
3277 614	32	50.39	111	41.80	4409.0	979395.19	-0.17	-70.99
20510333	32	50.39	112	5.60	4971.0	979387.46	0.19	-67.37
3277 95	32	50.39	112	38.50	3150.0	979423.62	0.02	-66.98
227000B6	32	50.48	112	6.44	5130.0	979383.17	0.53	-68.33
3277 783	32	50.50	112	14.90	5291.0	979368.05	0.11	-80.75
3277 102	32	50.50	112	15.10	5303.0	979367.51	0.10	-81.07
20510332	32	50.50	112	15.80	5313.0	979368.66	0.09	-79.72
227000B7	32	50.60	112	6.02	5011.0	979386.36	0.44	-67.72
3277 782	32	50.60	112	19.40	5665.0	979368.36	0.20	-73.17
1083005	32	50.69	113	16.79	1764.0	979477.40	-0.17	-40.89
227000B8	32	50.75	112	5.69	4889.0	979389.60	0.18	-67.33
1083003	32	50.80	111	42.59	4388.0	979396.90	-0.16	-70.24
3277 612	32	50.90	111	42.70	4380.0	979396.97	-0.17	-70.47
227000B9	32	50.99	112	5.38	4785.0	979390.87	0.11	-68.50
3277 37	32	50.99	111	40.30	4397.0	979392.98	-0.22	-74.30
3277 36	32	50.99	111	41.30	4390.0	979391.88	-0.21	-75.53
3277 110	32	50.99	111	42.20	4375.0	979395.68	-0.19	-72.00
3277 58	32	50.99	111	43.30	4357.0	979398.36	-0.17	-69.66
3277 60	32	50.99	111	44.39	4320.0	979400.83	-0.22	-67.96
3277 204	32	50.99	111	45.40	4293.0	979400.25	-0.24	-69.09
3277 205	32	50.99	111	46.40	4267.0	979399.38	-0.24	-70.46
3277 201	32	50.99	111	47.50	4224.0	979400.72	-0.24	-69.97
3277 200	32	50.99	111	48.50	4199.0	979396.66	-0.24	-74.51
3277 191	32	50.99	111	49.49	4182.0	979394.43	-0.24	-77.08
3277 190	32	50.99	111	50.50	4160.0	979393.95	-0.24	-77.98
3277 189	32	50.99	111	51.59	4133.0	979391.13	-0.23	-81.32
22700815	32	50.99	111	52.63	4115.0	979390.83	-0.22	-81.97
3277 786	32	50.99	112	5.20	4782.0	979390.08	0.08	-69.38
22700819	32	51.01	111	56.78	4033.0	979393.33	-0.20	-81.08

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation

Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
22700820	32	51.01	111	57.80	4036.0	979395.24	-0.17	-79.08
22700751	32	51.02	111	42.80	4383.0	979397.13	-0.19	-70.44
22700816	32	51.02	111	53.68	4106.0	979390.53	-0.22	-82.48
22700817	32	51.02	111	54.70	4069.0	979391.41	-0.22	-82.32
3277 108	32	51.20	111	43.10	4364.0	979397.51	-0.18	-70.67
3277 762	32	51.20	112	48.10	2633.0	979468.88	-0.13	-33.08
22700810	32	51.28	112	4.99	4676.0	979392.35	0.14	-69.51
22700811	32	51.50	112	4.61	4581.0	979394.21	0.29	-69.66
1083005	32	51.50	113	11.80	2117.0	979473.50	-0.15	-38.98
3277 73	32	51.50	113	13.00	2099.0	979474.13	-0.15	-38.70
3277 63	32	51.50	113	32.39	1131.0	979498.88	-0.15	-32.86
3277 610	32	51.59	111	43.79	4327.0	979399.44	-0.23	-70.05
35981160	32	51.59	113	12.80	2070.0	979474.39	-0.15	-39.13
3277 760	32	51.70	113	10.90	2166.0	979472.50	-0.13	-39.27
22700812	32	51.74	112	4.22	4490.0	979397.30	0.30	-68.68
3277 183	32	51.80	111	47.50	4215.0	979400.88	-0.24	-71.09
3277 184	32	51.80	111	48.50	4173.0	979399.38	-0.25	-73.42
20510331	32	51.80	112	24.80	5047.0	979387.26	0.93	-67.28
22705097	32	51.80	112	39.47	2883.0	979428.54	-0.06	-69.29
3277 44	32	51.89	111	40.19	4379.0	979393.34	-0.20	-75.51
3277 43	32	51.89	111	41.30	4358.0	979390.77	-0.23	-78.52
3277 42	32	51.89	111	42.29	4341.0	979393.13	-0.22	-76.48
3277 41	32	51.89	111	43.30	4329.0	979397.62	-0.22	-72.23
3277 609	32	51.89	111	44.39	4310.0	979400.51	-0.24	-69.73
3277 181	32	51.89	111	45.40	4270.0	979402.97	-0.24	-68.05
3277 182	32	51.89	111	46.40	4244.0	979402.25	-0.24	-69.28
3277 185	32	51.89	111	49.60	4160.0	979396.60	-0.24	-76.57
3277 186	32	51.89	111	50.60	4136.0	979395.98	-0.23	-77.65
3277 187	32	51.89	111	51.59	4113.0	979394.19	-0.22	-79.88
3277 188	32	51.89	111	52.60	4083.0	979392.40	-0.23	-82.27
22700813	32	51.98	112	3.82	4407.0	979396.71	0.05	-71.47
3277 608	32	52.00	111	44.39	4311.0	979400.40	-0.24	-69.97
22705858	32	52.15	112	8.06	4895.0	979388.07	0.16	-70.69
22700814	32	52.19	112	3.43	4331.0	979397.60	-0.04	-72.44
3277 766	32	52.19	112	55.40	2286.0	979476.78	-0.17	-33.36
3277 81	32	52.19	113	28.30	1241.0	979492.95	-0.18	-37.62
3277 607	32	52.30	111	44.80	4262.0	979401.59	-0.25	-70.16
22705665	32	52.31	111	46.46	4231.0	979405.28	-0.24	-67.08
22705095	32	52.36	112	41.68	2746.0	979440.96	-0.10	-60.36
22700815	32	52.40	112	3.04	4255.0	979397.99	-0.08	-73.86



## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
Data source: Department of Defense

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
3277 104	32 52.49	111 44.90	4279.0	979401.48	-0.23	-70.18
3277 165	32 52.49	111 45.20	4267.0	979402.12	-0.24	-69.79
3277 620	32 52.49	111 45.40	4262.0	979402.49	-0.24	-69.51
3277 116	32 52.60	111 45.20	4262.0	979402.49	-0.24	-69.66
1083005	32 52.60	113 6.80	2280.0	979468.30	-0.15	-42.51
22700B16	32 52.61	112 2.69	4197.0	979397.60	-0.10	-75.70
3277 71	32 52.70	111 43.30	4304.0	979396.03	-0.25	-75.45
2381	32 52.70	111 45.70	4239.0	979403.94	-0.25	-68.81
3277 165	32 52.70	111 48.50	4166.0	979402.54	-0.25	-71.64
3277 166	32 52.70	111 49.60	4123.0	979399.92	-0.22	-75.07
22700603	32 52.75	111 57.80	3984.0	979399.76	-0.20	-78.00
34560312	32 52.76	111 49.87	4116.0	979399.25	-0.22	-75.96
22700607	32 52.76	111 42.65	4307.0	979394.80	-0.24	-76.70
22700602	32 52.76	111 56.75	3996.0	979399.12	-0.21	-78.43
22700604	32 52.76	111 58.79	3975.0	979399.07	-0.19	-78.86
22700608	32 52.78	111 40.73	4346.0	979393.97	-0.24	-76.79
22700B22	32 52.78	111 59.81	3996.0	979397.20	-0.17	-80.33
22700B21	32 52.78	112 0.35	4014.0	979396.47	-0.13	-80.67
22700B20	32 52.78	112 0.80	4045.0	979396.22	-0.15	-80.33
22700B19	32 52.78	112 1.28	4066.0	979396.76	-0.13	-79.36
22700B18	32 52.78	112 1.70	4097.0	979396.96	-0.13	-78.56
22700B17	32 52.78	112 2.24	4133.0	979397.25	-0.11	-77.54
22700599	32 52.79	111 53.66	4036.0	979396.37	-0.23	-80.46
22700600	32 52.79	111 54.70	4011.0	979395.58	-0.23	-81.73
3277 13	32 52.79	111 40.19	4358.0	979394.60	-0.18	-75.88
3277 168	32 52.79	111 40.49	4342.0	979394.59	-0.22	-76.24
3277 12	32 52.79	111 42.29	4310.0	979393.04	-0.25	-78.45
3277 246	32 52.79	111 44.39	4285.0	979399.61	-0.24	-72.36
3277 203	32 52.79	111 45.40	4248.0	979403.59	-0.24	-69.09
3277 621	32 52.79	111 45.70	4239.0	979404.28	-0.25	-68.59
3277 161	32 52.79	111 46.40	4224.0	979406.03	-0.25	-67.14
3277 162	32 52.79	111 47.50	4191.0	979405.09	-0.25	-68.72
3277 174	32 52.79	111 50.60	4102.0	979399.03	-0.21	-76.48
3277 171	32 52.79	111 51.70	4086.0	979397.10	-0.21	-78.72
3277 178	32 52.79	111 55.70	3985.0	979396.45	-0.22	-81.36
3277 16	32 52.90	111 41.20	4330.0	979391.75	-0.25	-79.50
35981169	32 53.00	111 44.99	4234.0	979402.19	-0.25	-71.07
1083004	32 53.00	113 2.90	2328.0	979475.40	-0.15	-35.02
22705857	32 53.05	112 8.06	4666.0	979394.54	0.08	-70.01
3277 117	32 53.09	111 45.70	4239.0	979404.25	-0.25	-69.04

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: Department of Defense

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
3277 118	32 53.09	111 46.19	4219.0	979406.35	-0.25	-67.33
22705096	32 53.14	112 40.52	2664.0	979433.85	-0.08	-70.12
22705022	32 53.32	112 44.18	2551.0	979457.64	-0.14	-48.85
3277 122	32 53.39	111 47.00	4186.0	979408.80	-0.24	-65.93
3277 623	32 53.50	111 46.40	4199.0	979408.30	-0.24	-66.32
3277 626	32 53.50	111 46.90	4186.0	979408.84	-0.24	-66.03
46799090	32 53.51	112 2.90	4072.0	979398.58	-0.10	-78.40
3277 6	32 53.60	111 40.19	4331.0	979395.74	-0.13	-76.33
3277 5	32 53.60	111 41.20	4313.0	979394.22	-0.25	-78.32
3277 4	32 53.60	111 42.29	4288.0	979393.64	-0.26	-79.40
3277 3	32 53.60	111 43.30	4270.0	979395.74	-0.26	-77.65
3277 2	32 53.60	111 44.39	4252.0	979400.06	-0.24	-73.66
3277 160	32 53.60	111 46.40	4199.0	979408.25	-0.24	-66.51
3277 163	32 53.60	111 47.39	4161.0	979408.89	-0.22	-66.59
3277 164	32 53.60	111 48.50	4144.0	979406.75	-0.22	-69.06
3277 169	32 53.60	111 51.59	4051.0	979400.82	-0.14	-76.73
3277 170	32 53.60	111 52.60	4037.0	979399.12	-0.23	-78.80
3277 789	32 53.60	112 1.90	4018.0	979396.71	-0.11	-81.46
22705640	32 53.63	111 53.65	4017.0	979400.37	-0.23	-77.98
22705641	32 53.63	111 55.72	3965.0	979400.62	-0.23	-78.75
22705613	32 53.65	111 40.75	4325.0	979396.06	-0.24	-76.30
3277 1	32 53.69	111 45.20	4221.0	979402.50	-0.25	-71.96
3277 202	32 53.69	111 45.50	4237.0	979404.56	-0.25	-69.59
3277 167	32 53.69	111 49.49	4114.0	979402.40	-0.21	-74.11
3277 168	32 53.69	111 50.60	4092.0	979401.21	-0.18	-75.70
22705034	32 53.87	112 54.79	2228.0	979474.22	-0.17	-39.36
3277 94	32 53.90	112 41.80	2551.0	979443.65	-0.13	-63.62
3277 120	32 53.99	111 46.40	4308.0	979406.78	-0.23	-66.37
3277 625	32 53.99	111 46.49	4254.0	979408.08	-0.25	-66.15
3277 123	32 53.99	111 47.60	4147.0	979409.58	-0.21	-66.70
20510330	32 53.99	112 34.40	3530.0	979426.16	0.05	-61.92
3277 91	32 53.99	112 44.50	2465.0	979458.75	-0.15	-50.35
3277 83	32 53.99	113 0.80	2306.0	979484.10	-0.14	-28.09
35981161	32 53.99	113 2.00	2350.0	979477.79	-0.08	-33.49
4679CGAP	32 54.08	111 45.43	4221.0	979404.61	-0.25	-70.39
3277 121	32 54.10	111 46.40	4254.0	979408.12	-0.24	-66.25
3277 132	32 54.29	111 45.50	4221.0	979404.65	-0.25	-70.64
3277 99	32 54.29	112 31.79	3851.0	979411.62	0.32	-70.33
3277 57	32 54.29	113 47.60	1408.0	979480.18	-0.10	-49.93
40990359	32 54.32	111 45.08	4215.0	979404.62	-0.25	-70.83

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
22705004	32	54.32	112	34.81	3411.0	979424.75	0.10	-66.06
22705005	32	54.38	112	33.77	3591.0	979424.94	0.13	-62.41
3277 124	32	54.40	111	48.40	4116.0	979410.01	-0.18	-67.41
22705861	32	54.44	112	4.97	4130.0	979400.37	-0.07	-76.72
22705638	32	54.50	111	51.61	4045.0	979404.74	-0.13	-74.15
22705842	32	54.50	112	1.90	3920.0	979396.16	-0.03	-85.07
22705841	32	54.50	112	2.92	3990.0	979397.24	-0.08	-82.68
3277 768	32	54.50	112	58.30	2208.0	979481.33	-0.17	-33.51
3277 79	32	54.50	113	28.79	1228.0	979491.15	-0.18	-42.85
46799102	32	54.52	111	55.70	3932.0	979402.70	-0.23	-78.53
22705635	32	54.55	111	48.55	4115.0	979410.77	-0.20	-66.89
22705020	32	54.76	112	44.11	2402.0	979459.06	-0.15	-52.32
3277 125	32	54.80	111	48.89	4086.0	979410.20	-0.14	-68.31
22705860	32	54.80	112	5.98	4167.0	979402.78	-0.09	-74.10
22705855	32	54.80	112	8.05	4325.0	979405.82	-0.03	-67.91
22705091	32	54.80	112	42.13	2451.0	979447.26	-0.14	-63.22
3277 98	32	54.89	112	36.80	2848.0	979430.30	0.11	-72.29
22705036	32	54.92	112	55.42	2182.0	979475.83	-0.18	-40.11
22700596	32	55.00	111	45.43	4215.0	979405.50	-0.25	-70.88
3277 126	32	55.10	111	49.49	4067.0	979411.67	-0.11	-67.60
1083004	32	55.19	112	53.60	2210.0	979469.50	-0.19	-46.27
3277 64	32	55.19	113	31.49	1340.0	979486.22	-0.13	-46.49
22705039	32	55.31	112	52.34	2249.0	979469.91	-0.18	-45.25
22705845	32	55.34	112	0.88	3856.0	979396.45	0.00	-87.16
22705843	32	55.34	112	1.90	3837.0	979395.18	0.03	-88.78
22705639	32	55.37	111	51.61	3999.0	979409.00	0.02	-71.84
22705634	32	55.37	111	46.42	4206.0	979412.29	-0.23	-64.75
22705633	32	55.39	111	48.53	4121.0	979413.85	-0.17	-64.82
22705642	32	55.39	111	55.70	3923.0	979406.65	-0.23	-75.95
3277 127	32	55.40	111	49.90	4077.0	979411.49	-0.11	-67.99
3277 182	32	55.40	111	59.80	3872.0	979398.74	-0.20	-84.84
22705624	32	55.42	111	43.33	4267.0	979396.35	-0.24	-79.58
46799089	32	55.45	112	2.92	3892.0	979397.02	-0.07	-86.11
22705002	32	55.49	112	38.66	2737.0	979433.52	-0.10	-72.27
3277 128	32	55.60	111	50.39	4075.0	979410.76	-0.09	-69.02
22705061	32	55.60	112	55.27	2188.0	979473.18	-0.19	-43.58
3277 632	32	55.70	111	50.39	4076.0	979410.45	-0.10	-69.45
3277 793	32	55.70	112	7.60	4183.0	979408.13	-0.06	-69.64
22705854	32	55.70	112	8.05	4209.0	979407.83	-0.07	-69.45
3277 794	32	55.70	112	13.19	4676.0	979397.34	0.11	-70.62

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
Data source: Department of Defense

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
3277 129	32 55.90	111 50.80	4084.0	979409.22	-0.12	-70.83
22705019	32 55.94	112 43.45	2289.0	979457.30	-0.16	-57.93
22705041	32 55.99	112 47.42	2219.0	979464.08	-0.19	-52.61
46799099	32 56.03	111 53.66	3932.0	979411.38	-0.23	-71.92
22705001	32 56.11	112 40.55	2460.0	979441.43	-0.13	-70.66
22705042	32 56.18	112 46.18	2213.0	979464.03	-0.19	-53.04
22705018	32 56.23	112 43.36	2292.0	979456.21	-0.17	-59.36
46799097	32 56.27	111 56.23	3889.0	979409.01	-0.23	-75.47
46799093	32 56.27	111 58.28	3850.0	979404.11	-0.23	-81.13
46799106	32 56.27	111 49.55	4200.0	979412.64	-0.22	-65.75
46799105	32 56.27	111 50.56	4145.0	979410.54	-0.18	-68.88
46799080	32 56.27	111 55.67	3904.0	979409.84	-0.23	-74.34
46799103	32 56.29	111 45.38	4310.0	979403.54	-0.24	-72.74
46799104	32 56.29	111 46.40	4298.0	979409.94	-0.22	-66.56
46799096	32 56.29	111 56.75	3868.0	979408.34	-0.23	-76.57
22700748	32 56.30	111 41.24	4410.0	979397.61	-0.23	-76.72
22700749	32 56.30	111 42.26	4374.0	979394.81	-0.23	-80.22
22700750	32 56.30	111 43.30	4346.0	979394.53	-0.23	-81.05
22705632	32 56.30	111 48.50	4249.0	979413.07	-0.22	-64.40
3277 172	32 56.30	111 51.40	4100.0	979409.85	-0.12	-70.43
46799095	32 56.30	111 57.25	3865.0	979406.98	-0.23	-78.00
46799098	32 56.33	111 54.43	3911.0	979412.19	-0.23	-71.94
46799085	32 56.36	112 1.37	3801.0	979395.16	0.01	-90.92
46799083	32 56.36	112 2.33	3792.0	979394.60	-0.07	-91.73
22700A15	32 56.36	112 3.76	3856.0	979398.48	-0.12	-86.65
22700A14	32 56.36	112 4.19	3883.0	979399.22	-0.11	-85.38
22700A13	32 56.36	112 4.64	3908.0	979401.08	0.02	-82.90
22700A12	32 56.36	112 5.11	3935.0	979403.24	0.03	-80.20
22700A11	32 56.36	112 5.53	3968.0	979405.79	-0.01	-77.05
22700A10	32 56.36	112 5.99	4008.0	979408.74	-0.04	-73.34
22700A17	32 56.38	112 2.98	3816.0	979395.54	-0.11	-90.40
22700A16	32 56.38	112 3.40	3837.0	979396.57	-0.13	-88.97
46799087	32 56.39	112 0.29	3825.0	979397.37	0.08	-88.22
46799084	32 56.39	112 1.82	3795.0	979394.52	-0.06	-91.79
46799091	32 56.39	111 59.45	3831.0	979399.82	-0.20	-85.93
3277 790	32 56.39	112 0.80	3828.0	979395.94	0.00	-89.67
3277 779	32 56.39	112 28.00	5209.0	979391.90	1.17	-65.53
3035 19	32 56.39	112 41.39	2347.0	979441.45	-0.15	-73.25
1083004	32 56.39	112 45.40	2203.0	979462.50	-0.19	-55.05
46799092	32 56.41	111 58.82	3837.0	979401.89	-0.22	-83.79

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
22705643	32	56.42	111	55.63	3886.0	979410.52	-0.23	-74.22
46795644	32	56.42	111	57.76	3850.0	979405.77	-0.23	-79.67
22705062	32	56.42	112	55.25	2192.0	979472.56	-0.19	-45.25
22705060	32	56.42	112	57.34	2182.0	979477.58	-0.19	-40.43
22705063	32	56.44	112	53.24	2204.0	979468.58	-0.19	-49.03
22705065	32	56.45	112	52.34	2225.0	979468.06	-0.18	-49.13
46799088	32	56.45	111	59.75	3822.0	979398.81	-0.18	-87.17
3277 77	32	56.50	113	24.29	1268.0	979508.23	-0.19	-27.74
3672 75	32	56.50	114	4.13	4648.0	979415.32	3.70	-50.70
20510329	32	56.60	112	43.00	2243.0	979453.56	-0.16	-63.47
22705603	32	56.63	112	41.45	2341.0	979446.41	-0.15	-68.73
22705853	32	56.69	112	8.05	4142.0	979408.81	-0.05	-71.12
2381	32	56.69	112	43.10	2268.0	979452.24	-0.16	-64.42
3277 131	32	56.80	111	52.19	4080.0	979412.74	-0.17	-68.67
227000A9	32	56.80	112	5.99	3984.0	979408.44	-0.07	-74.75
3277 75	32	56.90	113	18.29	1349.0	979501.05	-0.18	-33.88
3277 196	32	56.99	112	41.20	2329.0	979446.39	-0.15	-69.49
3277 195	32	56.99	112	41.80	2302.0	979447.41	-0.14	-68.98
3277 194	32	56.99	112	41.99	2261.0	979449.00	-0.16	-68.22
3277 86	32	56.99	113	5.20	2080.0	979480.84	-0.17	-39.92
3277 198	32	57.10	112	39.50	2506.0	979442.41	-0.13	-70.14
3277 596	32	57.10	112	41.20	2329.0	979446.38	-0.14	-69.64
227000A8	32	57.16	112	5.99	3975.0	979408.00	-0.08	-75.87
22705630	32	57.17	111	49.55	4349.0	979410.33	-0.18	-66.34
22705631	32	57.17	111	47.48	4438.0	979409.10	-0.19	-65.84
22705625	32	57.20	111	43.31	4471.0	979392.14	-0.22	-82.23
3277 133	32	57.20	111	52.79	4059.0	979412.31	-0.21	-70.10
3277 197	32	57.20	112	40.40	2420.0	979443.98	-0.14	-70.39
22705017	32	57.23	112	40.15	2429.0	979444.65	-0.14	-69.59
22705064	32	57.32	112	53.39	2192.0	979467.68	-0.19	-51.37
46799081	32	57.40	112	2.83	3761.0	979391.34	-0.17	-97.13
227000A7	32	57.40	112	6.14	3990.0	979408.59	-0.10	-75.33
227000A6	32	57.40	112	6.59	4014.0	979410.50	-0.09	-72.95
227000A5	32	57.40	112	7.00	4048.0	979411.04	-0.08	-71.73
227000A4	32	57.40	112	7.28	4075.0	979410.80	-0.11	-71.48
227000A3	32	57.40	112	7.70	4106.0	979410.31	-0.08	-71.32
227000A2	32	57.40	112	8.05	4136.0	979410.26	-0.05	-70.76
3277 594	32	57.40	112	39.50	2506.0	979442.40	-0.13	-70.56
227000A1	32	57.50	112	8.47	4161.0	979412.12	-0.06	-68.56
3277 593	32	57.50	112	38.90	2588.0	979441.46	-0.12	-70.03

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: Department of Defense

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
22700595	32 57.56	111 45.40	4456.0	979398.73	-0.21	-76.41
3277 134	32 57.59	111 53.50	4023.0	979413.74	-0.21	-69.91
227000A0	32 57.59	112 8.90	4609.0	979403.93	0.14	-67.91
3277 200	32 57.59	112 38.20	2666.0	979440.79	-0.07	-69.25
3672 76	32 57.65	114 1.00	5496.0	979401.93	7.04	-45.75
3277 590	32 57.80	112 36.89	2867.0	979434.89	-0.09	-71.53
3277 88	32 57.80	112 37.19	2827.0	979437.04	-0.09	-70.16
3277 135	32 58.00	111 54.20	3982.0	979414.97	-0.22	-70.06
3277 203	32 58.00	112 36.20	2942.0	979431.56	-0.08	-73.65
34560036	32 58.03	111 47.06	4615.0	979401.10	-0.18	-71.55
22705629	32 58.04	111 47.48	4633.0	979403.07	-0.15	-69.21
22705627	32 58.06	111 42.29	4657.0	979393.07	-0.19	-78.81
22705628	32 58.07	111 44.35	4560.0	979393.41	-0.19	-80.38
22705626	32 58.07	111 43.31	4596.0	979392.97	-0.20	-80.13
3277 170	32 58.10	111 43.49	4606.0	979392.39	-0.20	-80.55
3277 204	32 58.10	112 35.20	3059.0	979428.92	0.02	-74.04
22705645	32 58.16	111 53.69	4039.0	979414.88	-0.21	-69.24
22705059	32 58.18	112 57.55	2036.0	979481.23	-0.15	-42.00
22705066	32 58.21	112 52.37	2137.0	979467.77	-0.20	-53.58
46799111	32 58.27	112 2.81	3731.0	979396.44	-0.17	-93.82
22705852	32 58.27	112 8.00	4066.0	979413.36	-0.02	-70.20
1083003	32 58.30	111 54.70	3945.0	979414.90	-0.22	-71.26
3277 101	32 58.30	112 16.30	4657.0	979404.95	0.21	-66.86
3277 205	32 58.30	112 34.19	3192.0	979428.71	0.49	-71.46
3277 58	32 58.30	113 49.19	1731.0	979466.90	-0.03	-62.34
34560116	32 58.40	111 52.63	4185.0	979411.70	-0.19	-69.87
3277 136	32 58.49	111 55.00	3918.0	979415.67	-0.23	-71.29
3277 206	32 58.49	112 33.20	3352.0	979428.20	0.07	-69.52
3277 85	32 58.49	113 4.30	2150.0	979483.89	-0.16	-37.56
3277 78	32 58.49	113 26.30	1528.0	979504.90	-0.16	-28.70
3277 89	32 58.70	112 32.00	3508.0	979427.11	0.04	-67.89
3277 66	32 58.70	113 40.49	2048.0	979486.72	0.02	-36.83
22705081	32 58.75	112 40.88	2234.0	979450.72	-0.13	-69.41
3277 137	32 58.90	111 55.70	3857.0	979417.81	-0.22	-70.90
22705646	32 58.94	111 53.69	4109.0	979414.35	-0.21	-69.47
3277 179	32 59.00	111 55.70	3856.0	979418.13	-0.22	-70.73
3277 178	32 59.00	112 31.19	3641.0	979428.07	0.11	-64.67
3277 769	32 59.00	112 57.59	1975.0	979482.77	-0.02	-42.65
22705849	32 59.05	112 5.99	3880.0	979409.54	-0.14	-78.85
22705846	32 59.09	112 2.84	3706.0	979398.36	-0.14	-93.48

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
22705847	32	59.09	112	3.89	3722.0	979398.66	-0.03	-92.75
3277 791	32	59.09	112	4.90	3801.0	979402.01	-0.09	-87.93
22705850	32	59.09	112	7.07	3911.0	979417.38	-0.11	-70.42
22705851	32	59.09	112	7.91	3972.0	979419.20	0.23	-67.07
22705043	32	59.09	112	48.22	1960.0	979470.19	0.25	-55.39
3277 770	32	59.09	112	50.50	2027.0	979470.37	-0.01	-54.16
22705067	32	59.15	112	54.29	2033.0	979474.46	-0.03	-50.05
3277 65	32	59.20	113	30.59	1658.0	979502.82	-0.10	-29.16
22705068	32	59.24	112	52.04	2006.0	979470.10	-0.03	-55.06
3277 138	32	59.50	111	56.50	3801.0	979421.09	-0.16	-69.47
35981164	32	59.50	112	32.90	3405.0	979419.29	0.06	-78.80
20510350	32	59.50	112	40.40	2360.0	979452.06	-0.16	-66.67
3277 792	32	59.60	112	9.10	4103.0	979414.80	0.02	-69.82
3277 186	32	59.60	112	26.60	4511.0	979410.94	0.80	-64.93
3277 139	32	59.69	111	56.99	3781.0	979422.24	-0.17	-68.99
3277 188	32	59.69	112	26.20	4603.0	979410.13	0.37	-64.49
1083004	32	59.69	112	26.30	4531.0	979410.90	0.57	-64.93
3277 180	32	59.69	112	30.80	3829.0	979424.66	0.34	-65.12
46799054	32	59.78	111	52.88	4273.0	979414.13	-0.10	-67.53
3672 85	32	59.78	114	3.44	6578.0	979384.50	4.54	-47.44
3277 171	32	59.80	111	49.49	4935.0	979402.57	0.54	-65.54
3277 642	32	59.80	111	56.99	3780.0	979422.27	-0.17	-69.13
3277 90	32	59.80	112	25.40	4636.0	979407.47	0.19	-66.84
3277 577	32	59.80	112	26.09	4603.0	979410.09	0.41	-64.64
3277 578	32	59.80	112	26.30	4584.0	979410.75	0.44	-64.32
3277 580	32	59.80	112	27.50	4401.0	979411.71	0.38	-67.00
3277 583	32	59.80	112	30.89	3797.0	979424.83	0.43	-65.64
3277 183	32	59.90	111	59.80	3719.0	979411.57	-0.06	-81.05
3277 576	32	59.90	112	25.40	4634.0	979407.47	0.18	-67.02
3277 181	32	59.90	112	29.90	3960.0	979419.80	0.26	-67.79
3672 77	32	59.90	114	1.04	7413.0	979364.29	9.79	-46.23
46799053	32	59.92	111	54.67	3993.0	979418.14	-0.20	-69.29
46799052	32	59.93	111	55.72	3865.0	979419.79	-0.20	-70.16
22705056	32	59.93	112	57.59	1932.0	979486.40	0.41	-40.72
46799051	32	59.95	111	56.20	3783.0	979422.55	-0.16	-68.99
22705967	32	59.99	111	57.34	3764.0	979422.87	-0.17	-69.11
22705966	32	59.99	111	57.77	3764.0	979421.21	-0.20	-70.79
22705965	32	59.99	111	58.30	3761.0	979419.10	-0.19	-72.95
22705964	32	59.99	111	58.78	3761.0	979416.99	-0.19	-75.06
22705963	32	59.99	111	59.21	3734.0	979414.84	-0.18	-77.73

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
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STATION	LATITUDE		LONGITUDE		ELEVATION	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
22705957	32	59.99	112	0.38	3703.0	979409.98	-0.01	-83.02
46799020	32	59.99	112	5.38	3773.0	979406.22	-0.13	-85.54
22700241	33	0.00	112	0.77	3703.0	979407.35	-0.14	-85.80
22705959	33	0.00	112	1.25	3700.0	979405.37	-0.16	-87.86
22705960	33	0.00	112	1.81	3691.0	979404.00	-0.17	-89.42
22705961	33	0.00	112	2.30	3670.0	979402.92	-0.17	-90.90
22705962	33	0.00	112	2.84	3661.0	979401.80	-0.15	-92.19
46799033	33	0.00	112	9.05	4023.0	979419.59	0.04	-67.12
3277 202	33	0.00	112	25.40	4667.0	979407.99	0.10	-66.07
3277 605	33	0.00	112	28.70	4174.0	979416.34	0.07	-67.39
22705045	33	0.00	112	50.32	1875.0	979474.22	0.15	-54.37
46799016	33	0.01	112	3.35	3673.0	979401.16	-0.16	-92.61
46799017	33	0.01	112	3.85	3679.0	979401.37	-0.10	-92.23
46799018	33	0.01	112	4.40	3719.0	979401.99	-0.14	-90.86
46799019	33	0.01	112	4.93	3740.0	979403.62	-0.15	-88.83
46799021	33	0.01	112	5.95	3801.0	979410.50	-0.16	-80.77
46799022	33	0.01	112	6.22	3816.0	979412.98	-0.16	-77.99
46799023	33	0.01	112	6.47	3844.0	979415.07	-0.16	-75.36
22706037	33	0.01	112	17.30	4410.0	979409.05	0.13	-70.03
22700255	33	0.02	112	7.00	3871.0	979419.96	-0.16	-69.95
46799032	33	0.02	112	7.76	3886.0	979423.77	0.03	-65.66
22700270	33	0.05	112	8.02	3895.0	979424.13	0.19	-65.00
22700013	33	0.10	111	45.50	4642.0	979401.56	-0.13	-73.36
3277 140	33	0.10	111	57.50	3752.0	979422.04	-0.21	-70.36
3277 604	33	0.10	112	23.20	4276.0	979415.23	0.25	-66.46
3277 603	33	0.10	112	25.49	4688.0	979407.78	0.07	-66.04
3277 183	33	0.10	112	28.79	4174.0	979416.39	0.06	-67.49
3277 606	33	0.10	112	29.39	4069.0	979417.84	0.05	-68.10
3097 191	33	0.10	113	30.50	1716.0	979497.50	-0.08	-34.56
22700269	33	0.13	112	9.05	4008.0	979421.48	-0.07	-65.81
3277 184	33	0.20	112	28.19	4276.0	979415.26	0.06	-66.77
22700236	33	0.35	112	2.83	3658.0	979403.47	-0.22	-91.12
22700182	33	0.37	111	46.90	4843.0	979402.83	-0.03	-68.43
22700145	33	0.38	111	56.69	3767.0	979423.39	-0.23	-69.12
3277 141	33	0.40	111	58.00	3733.0	979421.29	-0.19	-71.88
3277 601	33	0.40	112	24.40	4574.0	979408.94	0.03	-67.57
22705058	33	0.49	112	59.29	2021.0	979491.28	-0.16	-35.44
22700268	33	0.52	112	9.05	3978.0	979423.78	-0.14	-64.71
3277 142	33	0.70	111	58.49	3720.0	979421.28	-0.22	-72.58
3277 600	33	0.70	112	23.60	4513.0	979409.66	0.01	-68.46



## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
22700190	33	0.73	112	12.04	4228.0	979413.09	-0.11	-70.77
22700183	33	0.74	111	48.11	5075.0	979402.10	0.65	-64.45
3277 193	33	0.80	112	23.60	4514.0	979409.61	0.01	-68.64
22700240	33	0.82	112	0.77	3676.0	979411.08	-0.23	-83.82
22700234	33	0.82	112	2.89	3645.0	979405.38	-0.23	-90.12
22700223	33	0.83	111	54.74	3999.0	979420.64	-0.19	-67.92
22700136	33	0.83	111	55.69	3862.0	979422.90	-0.22	-68.37
22700152	33	0.83	111	59.75	3700.0	979415.98	-0.19	-78.42
22700181	33	0.85	111	50.24	4740.0	979408.62	0.07	-65.22
22700137	33	0.85	111	56.71	3758.0	979425.21	-0.24	-68.14
22700150	33	0.85	111	57.71	3712.0	979423.88	-0.22	-70.34
22700243	33	0.86	112	1.79	3670.0	979407.35	-0.24	-87.73
22700267	33	0.86	112	9.05	3895.0	979425.21	-0.15	-65.38
22700271	33	0.86	112	8.02	3798.0	979425.45	-0.16	-67.04
22700254	33	0.88	112	7.00	3795.0	979420.84	-0.18	-71.76
22706036	33	0.89	112	17.30	4319.0	979413.02	-0.08	-69.25
22700156	33	0.94	111	58.70	3712.0	979421.04	-0.22	-73.31
22700044	33	0.95	111	51.44	4572.0	979413.19	0.20	-63.94
22700179	33	1.01	111	52.88	4328.0	979419.03	0.68	-62.47
22705082	33	1.01	112	39.92	2192.0	979460.62	-0.16	-63.47
22700011	33	1.07	111	47.30	4724.0	979410.39	0.20	-63.93
3277 143	33	1.10	111	59.09	3704.0	979419.46	-0.23	-75.27
22700798	33	1.19	111	44.39	4666.0	979406.48	-0.05	-69.39
1083001	33	1.19	111	59.00	3711.0	979419.00	-0.23	-75.72
3277 599	33	1.19	112	22.90	4443.0	979412.31	-0.02	-67.89
22700012	33	1.21	111	46.82	4816.0	979405.58	-0.11	-67.45
22705046	33	1.25	112	50.35	1823.0	979475.26	-0.20	-56.41
22700144	33	1.28	111	56.68	3740.0	979427.17	-0.24	-67.12
3277 166	33	1.30	112	22.90	4443.0	979412.32	-0.03	-68.04
3097 205	33	1.30	113	48.20	2076.0	979478.58	0.02	-48.00
22700266	33	1.31	112	9.05	3825.0	979426.48	-0.16	-66.10
22700233	33	1.34	112	2.81	3627.0	979407.74	-0.23	-88.83
3097 203	33	1.40	113	57.50	2996.0	979448.94	0.62	-59.20
3277 144	33	1.60	111	59.80	3673.0	979417.67	-0.23	-78.36
3277 167	33	1.60	112	21.89	4335.0	979410.12	-0.05	-72.79
22700253	33	1.64	112	6.98	3709.0	979423.05	-0.19	-72.29
22700180	33	1.64	111	49.28	4740.0	979410.58	0.01	-64.41
22705055	33	1.66	112	57.64	1753.0	979492.55	-0.18	-41.04
22700043	33	1.70	111	51.44	4511.0	979415.20	0.24	-64.11
3277 618	33	1.70	112	0.20	3669.0	979416.53	-0.25	-79.73

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
3277 598	33	1.70	112	21.89	4335.0	979410.12	-0.05	-72.93
22705053	33	1.70	112	54.50	1750.0	979482.27	-0.19	-51.43
22705054	33	1.70	112	55.55	1737.0	979483.69	-0.19	-50.27
3097 248	33	1.70	113	8.99	1622.0	979505.59	0.08	-30.34
22700146	33	1.72	111	57.68	3697.0	979427.42	-0.24	-68.31
22705052	33	1.72	112	53.47	1768.0	979481.04	-0.19	-52.34
22700158	33	1.73	111	54.55	3984.0	979425.85	-0.18	-64.23
22700135	33	1.73	111	55.58	3847.0	979427.96	-0.22	-64.84
22700134	33	1.73	111	56.65	3740.0	979428.94	-0.25	-65.98
22700151	33	1.73	111	59.75	3670.0	979419.07	-0.24	-77.21
22700250	33	1.73	112	3.98	3624.0	979408.82	-0.23	-88.35
22700237	33	1.73	112	1.81	3642.0	979411.32	-0.25	-85.51
22700232	33	1.73	112	2.83	3612.0	979409.46	-0.24	-87.95
22700251	33	1.73	112	4.90	3661.0	979410.24	-0.22	-86.19
22700147	33	1.75	111	58.70	3688.0	979423.64	-0.24	-72.31
22700239	33	1.75	112	0.77	3661.0	979414.90	-0.25	-81.59
22700272	33	1.75	112	8.00	3712.0	979428.79	-0.18	-66.63
22700265	33	1.75	112	9.04	3792.0	979428.69	-0.18	-65.17
22706035	33	1.76	112	17.30	4215.0	979413.36	-0.10	-72.16
22700178	33	1.78	111	52.33	4380.0	979418.83	0.18	-63.22
22700252	33	1.79	112	5.98	3688.0	979416.52	-0.20	-79.44
40990358	33	1.79	111	47.20	4636.0	979412.35	0.05	-64.83
3277 145	33	1.79	112	0.20	3669.0	979416.53	-0.25	-79.86
3097 268	33	1.79	113	24.70	1792.0	979489.39	-0.15	-43.58
3097 206	33	1.79	113	44.50	2341.0	979477.55	0.02	-44.53
3097 202	33	1.79	113	53.30	2195.0	979463.28	0.07	-61.60
22700189	33	1.84	112	11.99	4121.0	979417.70	-0.14	-69.81
35981167	33	1.90	112	1.60	4377.0	979395.89	-0.15	-86.71
22705982	33	1.90	112	13.97	4121.0	979418.36	-0.13	-69.22
3277 146	33	2.00	112	0.59	3663.0	979415.79	-0.25	-81.01
3277 597	33	2.09	112	20.99	4322.0	979410.32	-0.08	-73.55
22700231	33	2.15	112	2.83	3600.0	979411.42	-0.24	-86.80
22700143	33	2.17	111	56.65	3712.0	979429.33	-0.25	-66.74
22700264	33	2.21	112	9.01	3767.0	979431.88	-0.18	-63.10
3277 169	33	2.30	112	20.39	4275.0	979411.47	-0.08	-73.61
22700316	33	2.35	111	53.51	4115.0	979423.93	-0.18	-64.44
3277 616	33	2.39	112	1.30	3637.0	979415.51	-0.25	-82.33
22700010	33	2.44	111	48.61	4499.0	979415.93	0.01	-64.87
22700799	33	2.50	111	43.49	4465.0	979416.10	0.24	-65.21
22700157	33	2.57	111	59.72	3645.0	979422.41	-0.24	-75.51

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
22700041	33	2.60	111	50.78	4429.0	979418.34	-0.10	-64.15
3277 148	33	2.60	112	1.79	3613.0	979415.23	-0.25	-83.36
22700230	33	2.60	112	2.81	3591.0	979413.28	-0.24	-85.74
22700313	33	2.60	112	4.91	3603.0	979414.12	-0.23	-84.66
22700273	33	2.60	112	8.00	3652.0	979433.16	-0.19	-64.61
22700188	33	2.60	112	12.08	4090.0	979420.79	-0.14	-68.37
3277 595	33	2.60	112	19.00	4212.0	979413.63	-0.10	-73.11
22700159	33	2.60	111	54.55	3947.0	979426.78	-0.21	-65.25
22700148	33	2.60	111	58.70	3658.0	979425.31	-0.24	-72.40
22700244	33	2.60	112	0.74	3636.0	979418.39	-0.25	-79.76
22700256	33	2.60	112	7.03	3627.0	979426.48	-0.20	-71.79
22706034	33	2.60	112	17.30	4133.0	979416.55	-0.12	-71.76
22700132	33	2.62	111	55.60	3807.0	979428.74	-0.24	-66.08
22700133	33	2.62	111	56.63	3703.0	979429.38	-0.25	-67.48
22700274	33	2.62	112	10.01	3810.0	979430.61	-0.17	-64.09
22700149	33	2.63	111	57.65	3682.0	979428.54	-0.26	-68.76
22700263	33	2.65	112	8.99	3712.0	979433.01	-0.18	-63.65
22700042	33	2.69	111	51.44	4349.0	979420.40	-0.09	-63.78
3277 594	33	2.69	112	18.50	4171.0	979414.75	-0.11	-72.92
22700015	33	2.71	111	48.11	4401.0	979418.78	0.03	-64.28
3277 615	33	2.80	112	1.90	3613.0	979415.22	-0.25	-83.66
22705048	33	2.87	112	52.04	1811.0	979482.18	-0.19	-51.95
22706033	33	2.87	112	17.93	4136.0	979416.60	-0.11	-72.00
3097 173	33	2.90	112	50.39	1859.0	979476.42	-0.19	-56.81
22705050	33	2.90	112	55.51	1728.0	979488.57	-0.17	-47.20
22700009	33	2.99	111	49.40	4380.0	979419.22	-0.14	-64.81
3277 593	33	2.99	112	17.60	4116.0	979417.24	-0.12	-71.93
22700262	33	3.02	112	8.99	3688.0	979434.53	-0.18	-63.11
22700142	33	3.05	111	56.63	3694.0	979429.87	-0.26	-67.78
22700229	33	3.05	112	2.90	3581.0	979415.30	-0.25	-84.55
3277 614	33	3.10	112	2.39	3582.0	979415.69	-0.25	-84.21
22700016	33	3.16	111	42.31	4258.0	979422.51	-0.12	-64.12
22700317	33	3.28	111	52.57	4124.0	979426.29	-0.20	-63.21
3277 591	33	3.29	112	16.19	4017.0	979417.22	-0.13	-74.31
1083001	33	3.29	112	16.49	4045.0	979416.90	-0.13	-74.09
22705083	33	3.35	112	39.92	2079.0	979466.54	-0.14	-62.96
3277 589	33	3.40	112	2.80	3578.0	979416.14	-0.25	-84.24
3277 590	33	3.40	112	15.80	4008.0	979417.57	-0.13	-74.29
22700123	33	3.46	111	57.76	3648.0	979430.90	-0.26	-68.21
22700276	33	3.46	112	8.03	3648.0	979433.99	-0.18	-65.04

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
22700249	33	3.47	112	3.95	3551.0	979417.55	-0.24	-83.45
46799059	33	3.47	112	5.18	3554.0	979417.21	-0.22	-83.71
46799060	33	3.47	112	5.45	3560.0	979417.57	-0.22	-83.23
22700257	33	3.47	112	7.00	3587.0	979427.96	-0.20	-72.29
46799066	33	3.47	112	7.22	3606.0	979428.41	-0.19	-71.46
46799068	33	3.47	112	7.81	3636.0	979432.38	-0.18	-66.89
22700261	33	3.47	112	9.11	3716.0	979436.00	-0.17	-61.70
46790122	33	3.49	111	58.70	3630.0	979428.45	-0.26	-71.05
22700248	33	3.49	112	1.69	3584.0	979419.66	-0.26	-80.74
46799058	33	3.49	112	5.05	3557.0	979417.00	-0.23	-83.90
46799061	33	3.49	112	5.71	3563.0	979419.29	-0.22	-81.48
46799055	33	3.49	112	5.98	3554.0	979421.47	-0.22	-79.48
46799062	33	3.49	112	6.23	3560.0	979423.38	-0.21	-77.44
22700124	33	3.50	111	56.63	3673.0	979430.61	-0.26	-68.07
46799007	33	3.50	111	59.15	3624.0	979426.71	-0.24	-72.90
22700121	33	3.50	111	59.75	3615.0	979424.91	-0.20	-74.83
22705981	33	3.50	112	14.18	3984.0	979421.40	-0.14	-71.08
3097 198	33	3.50	113	35.80	2256.0	979483.40	0.09	-42.62
46799011	33	3.50	111	57.14	3652.0	979429.80	-0.26	-69.29
22700245	33	3.50	112	0.77	3597.0	979422.07	-0.26	-78.09
22705051	33	3.56	112	57.29	1722.0	979498.62	-0.15	-38.16
22700359	33	3.58	111	45.23	4161.0	979424.78	-0.21	-64.41
22700166	33	3.58	111	48.35	4252.0	979423.00	-0.19	-64.40
22700040	33	3.59	111	51.43	4161.0	979426.24	-0.21	-62.97
3277 151	33	3.59	112	3.20	3553.0	979417.77	-0.25	-83.36
3277 175	33	3.59	112	14.99	3966.0	979419.62	-0.14	-73.33
22700131	33	3.65	111	55.55	3761.0	979428.69	-0.24	-68.45
22700176	33	3.68	111	53.53	3962.0	979430.31	-0.14	-62.84
22700806	33	3.70	111	41.00	3956.0	979425.22	0.14	-67.80
1083003	33	3.70	112	3.40	3555.0	979417.60	-0.24	-83.64
22700008	33	3.71	111	50.33	4212.0	979426.24	-0.20	-62.12
22700017	33	3.74	111	47.30	4164.0	979426.19	-0.21	-63.17
22700165	33	3.74	111	49.22	4237.0	979424.28	-0.21	-63.65
3097 249	33	3.80	113	14.90	1762.0	979495.10	-0.15	-41.22
22700260	33	3.88	112	9.08	3706.0	979435.07	-0.17	-63.39
22700800	33	3.89	111	44.20	4011.0	979428.02	-0.20	-64.52
22700047	33	3.89	112	2.81	3548.0	979419.81	-0.25	-81.83
3277 176	33	3.89	112	14.00	3950.0	979422.52	-0.13	-71.14
22700141	33	3.95	111	56.65	3648.0	979431.19	-0.26	-68.60
22700007	33	3.98	111	50.39	4154.0	979428.10	-0.22	-61.79

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
3277 152	33	4.10	112	4.10	3518.0	979420.24	-0.24	-82.27
3277 163	33	4.19	112	12.89	3941.0	979427.40	-0.13	-66.86
3672 87	33	4.19	114	3.29	5063.0	979415.46	0.91	-55.82
22700259	33	4.30	112	8.99	3716.0	979435.71	-0.16	-63.13
3277 160	33	4.30	112	11.99	3912.0	979430.72	-0.13	-64.26
3672 86	33	4.30	114	0.10	4642.0	979416.51	3.52	-60.54
22700048	33	4.31	112	3.89	3527.0	979421.72	-0.24	-80.91
22700275	33	4.31	112	8.03	3645.0	979434.09	-0.17	-66.15
22700227	33	4.33	112	2.60	3539.0	979422.66	-0.25	-79.76
22705979	33	4.33	112	13.19	3935.0	979428.07	-0.13	-66.50
22700119	33	4.34	111	58.70	3603.0	979429.48	-0.26	-71.72
22700187	33	4.34	112	11.03	3856.0	979434.87	-0.14	-61.27
22705985	33	4.34	112	17.30	3956.0	979420.13	-0.13	-74.04
22700130	33	4.34	111	55.73	3694.0	979431.34	-0.25	-68.07
22700125	33	4.34	111	56.63	3636.0	979431.98	-0.25	-68.56
22700118	33	4.34	111	57.65	3618.0	979431.49	-0.27	-69.42
22700120	33	4.34	111	59.75	3587.0	979427.56	-0.12	-73.81
22700258	33	4.34	112	6.95	3578.0	979427.22	-0.19	-74.40
22700246	33	4.36	112	0.74	3572.0	979426.43	-0.27	-75.41
3277 153	33	4.40	112	5.00	3502.0	979421.74	-0.23	-81.48
3277 159	33	4.40	112	10.90	3850.0	979434.68	-0.13	-61.64
1083004	33	4.40	112	11.90	3912.0	979430.50	-0.13	-64.61
3097 267	33	4.40	113	22.40	1999.0	979475.29	-0.13	-57.21
22700358	33	4.42	111	45.20	4002.0	979429.25	-0.23	-64.23
22700175	33	4.43	111	53.57	3901.0	979434.68	0.15	-60.41
22700018	33	4.45	111	47.30	4017.0	979428.84	-0.23	-64.38
22700019	33	4.45	111	48.32	4048.0	979428.35	-0.23	-64.27
22700020	33	4.45	111	49.37	4063.0	979425.99	-0.22	-66.33
22700006	33	4.45	111	50.39	4057.0	979430.11	-0.22	-62.33
22700039	33	4.45	111	51.44	4023.0	979431.34	-0.22	-61.76
22700163	33	4.45	111	52.49	3953.0	979433.06	-0.22	-61.41
22700184	33	4.45	112	4.87	3496.0	979422.12	-0.23	-81.30
22700805	33	4.49	111	41.00	3935.0	979426.50	0.13	-68.03
3277 606	33	4.49	112	8.99	3812.0	979434.22	-0.15	-62.99
3277 158	33	4.49	112	9.89	3812.0	979434.22	-0.14	-62.98
3097 192	33	4.49	113	29.20	2176.0	979476.55	-0.07	-52.56
3277 157	33	4.60	112	8.99	3741.0	979434.24	-0.15	-64.51
3277 154	33	4.70	112	5.99	3533.0	979425.71	-0.21	-77.30
3277 162	33	4.70	112	11.99	4653.0	979416.21	-0.05	-64.75
22700140	33	4.78	111	56.63	3615.0	979432.57	-0.26	-69.00

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
22700046	33	4.79	112	2.39	3517.0	979426.53	-0.25	-76.96
3277 155	33	4.79	112	5.00	3594.0	979427.55	-0.22	-74.41
3277 603	33	4.79	112	7.10	3594.0	979427.53	-0.19	-74.39
1083004	33	4.79	112	7.30	3598.0	979427.20	-0.18	-74.63
3277 156	33	4.79	112	8.00	3646.0	979431.91	-0.16	-68.97
22700005	33	4.88	111	50.41	3975.0	979431.88	-0.23	-62.76
3277 610	33	4.90	112	11.99	4653.0	979416.22	-0.04	-65.00
22705069	33	5.00	112	47.99	2588.0	979463.84	-0.16	-58.00
22501135	31	55.06	111	7.39	12021.0	979109.48	0.96	-131.21
22501171	31	55.06	111	13.43	13170.0	979092.88	3.02	-123.23
22501130	31	55.07	111	11.00	14246.0	979069.18	3.14	-125.73
22500440	31	55.09	111	23.41	8690.0	979187.38	0.54	-119.01
22500977	31	55.10	111	18.74	10397.0	979162.48	1.06	-109.98
22501131	31	55.13	111	9.80	13119.0	979090.58	1.61	-128.04
22500383	31	55.13	111	14.90	12567.0	979109.08	1.80	-120.17
22501134	31	55.19	111	8.90	12664.0	979098.68	1.27	-129.28
22500969	31	55.22	111	16.43	11555.0	979134.88	1.41	-114.71
22500793	31	55.25	111	6.77	11741.0	979114.38	0.86	-132.15
22500831	31	55.28	111	5.60	11256.0	979123.48	0.71	-132.74
22500970	31	55.31	111	17.87	10732.0	979154.38	1.27	-111.59
22500336	31	55.37	111	5.00	11040.0	979127.48	0.64	-133.17
22500934	31	55.40	111	14.06	12753.0	979103.48	1.91	-122.37
22501019	31	55.40	111	21.32	9357.0	979176.98	0.46	-116.85
22501129	31	55.43	111	11.59	14475.0	979065.58	3.71	-124.76
22501190	31	55.48	111	18.97	10250.0	979165.28	0.75	-110.88
22500792	31	55.49	111	6.04	11357.0	979122.08	0.75	-132.42
22501128	31	55.58	111	10.33	13429.0	979086.48	1.87	-126.40
3277 12	31	55.60	111	18.10	10577.0	979158.54	1.12	-111.01
22500964	31	55.66	111	16.55	12158.0	979119.88	2.97	-116.93
22500410	31	55.66	111	18.46	10473.0	979161.18	0.87	-110.74
22500794	31	55.67	111	7.33	11851.0	979113.68	0.92	-131.21
22500437	31	55.70	111	28.76	10113.0	979152.78	0.70	-126.41
22500968	31	55.70	111	16.91	11125.0	979144.18	1.28	-114.61
22500408	31	55.73	111	22.06	9110.0	979179.48	0.40	-119.69
22500416	31	55.79	111	16.07	11662.0	979131.08	1.49	-117.11
22500419	31	55.79	111	17.63	10811.0	979152.18	1.04	-113.13
22501175	31	55.82	111	13.70	12835.0	979102.38	2.11	-122.23
22500782	31	55.88	111	7.94	12155.0	979109.38	1.03	-129.72
22500783	31	55.90	111	8.63	12451.0	979104.28	1.17	-128.91
3277 13	31	55.90	111	23.39	8662.0	979186.48	0.41	-121.68

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
22501032	31	55.94	111	20.26	9717.0	979173.78	0.54	-113.65
22500439	31	55.97	111	23.42	8662.0	979186.58	0.40	-121.69
22500786	31	55.97	111	9.44	12829.0	979098.18	1.40	-127.47
22500802	31	56.00	111	5.12	10948.0	979130.18	0.61	-133.16
22500933	31	56.00	111	14.47	12274.0	979115.18	1.60	-121.18
22500974	31	56.03	111	18.97	10205.0	979164.78	0.69	-113.07
22500788	31	56.09	111	6.53	11482.0	979120.28	0.80	-132.52
22500787	31	56.15	111	7.28	11820.0	979114.78	0.92	-131.36
22500975	31	56.18	111	18.19	10503.0	979159.28	0.82	-112.81
22501197	31	56.23	111	21.26	10189.0	979140.78	2.88	-135.46
22500791	31	56.27	111	5.78	11104.0	979127.48	0.69	-133.08
22500932	31	56.30	111	14.90	11957.0	979123.08	1.39	-120.11
22500438	31	56.33	111	27.95	9778.0	979159.78	0.61	-126.92
22500777	31	56.38	111	10.39	13335.0	979089.98	1.86	-125.84
3277 11	31	56.39	111	27.89	9778.0	979160.11	0.61	-126.67
22500967	31	56.47	111	17.45	10802.0	979151.18	0.88	-115.38
22500963	31	56.60	111	15.47	11656.0	979130.88	1.19	-118.81
22500965	31	56.63	111	16.54	11110.0	979143.18	1.34	-117.10
22500785	31	56.68	111	8.48	12241.0	979110.58	1.10	-127.85
22500976	31	56.68	111	18.74	10214.0	979164.48	0.66	-114.10
22500781	31	56.69	111	7.36	11723.0	979118.38	0.88	-130.43
22501030	31	56.74	111	22.63	8763.0	979184.38	0.39	-122.96
22501031	31	56.81	111	21.86	9004.0	979180.48	0.41	-122.22
22500776	31	56.86	111	9.71	12707.0	979102.98	1.43	-126.23
22500476	31	56.86	111	23.36	8601.0	979186.68	0.36	-124.03
22500790	31	56.98	111	5.90	11083.0	979129.88	0.66	-132.08
22500789	31	57.02	111	6.50	11339.0	979125.68	0.75	-131.23
22500415	31	57.04	111	15.53	11506.0	979134.08	1.13	-119.21
22500420	31	57.05	111	17.74	10555.0	979155.18	0.76	-117.12
22500333	31	57.26	111	5.36	10839.0	979135.58	0.66	-131.55
22500382	31	57.28	111	14.80	11726.0	979128.28	1.54	-120.61
22500784	31	57.35	111	8.39	11997.0	979116.98	1.04	-127.19
22500417	31	57.37	111	15.86	11226.0	979140.98	1.03	-118.34
22500930	31	57.38	111	13.22	12600.0	979109.78	1.60	-122.06
22500929	31	57.40	111	13.97	12265.0	979117.68	1.97	-120.38
22500780	31	57.50	111	7.64	11631.0	979123.08	0.87	-128.64
22500474	31	57.50	111	18.98	10016.0	979162.98	0.60	-120.64
22500475	31	57.50	111	19.99	9592.0	979168.48	0.51	-123.54
22500778	31	57.50	111	9.05	12180.0	979113.68	1.15	-127.01
22500775	31	57.53	111	10.19	12533.0	979108.88	1.45	-124.62

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
Data source: Department of Defense

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
22500331	31 57.68	111 5.89	11052.0	979132.78	0.67	-130.73
22500464	31 57.68	111 23.14	8519.0	979188.08	0.35	-125.36
22501038	31 57.71	111 17.90	10381.0	979154.78	0.70	-121.88
22500328	31 57.83	111 10.99	12637.0	979108.28	1.63	-123.41
22500966	31 57.86	111 16.28	10948.0	979146.78	0.92	-118.76
22500327	31 57.88	111 12.80	12463.0	979113.48	1.53	-121.79
22500330	31 57.89	111 6.62	11244.0	979129.98	0.74	-129.98
22500414	31 57.97	111 15.46	11177.0	979140.78	1.26	-120.08
22500347	31 58.01	111 5.33	10781.0	979139.38	0.73	-129.82
22501036	31 58.06	111 17.09	10577.0	979151.58	0.78	-121.64
3277 266	31 58.10	111 11.99	12563.0	979111.09	1.63	-122.42
22500779	31 58.19	111 8.48	11692.0	979125.18	0.95	-126.20
22500412	31 58.24	111 24.59	8638.0	979182.58	0.35	-129.28
22501188	31 58.27	111 14.93	11442.0	979135.38	1.63	-120.32
22500321	31 58.30	111 6.22	10921.0	979136.58	0.75	-130.26
22500772	31 58.30	111 10.49	12134.0	979118.78	1.28	-123.76
22500409	31 58.33	111 22.82	8489.0	979188.88	0.35	-126.02
22500312	31 58.36	111 5.66	10817.0	979139.28	0.73	-129.69
22500473	31 58.39	111 17.93	10186.0	979157.88	0.66	-123.56
22501035	31 58.40	111 16.40	10717.0	979147.48	0.84	-123.39
22500769	31 58.51	111 6.71	11070.0	979135.38	0.70	-128.87
22500774	31 58.51	111 13.31	11875.0	979126.88	1.26	-121.04
22501187	31 58.55	111 14.12	11649.0	979131.78	1.26	-120.62
22500770	31 58.58	111 7.78	11153.0	979134.98	0.92	-127.51
22500809	31 58.61	111 9.40	11710.0	979126.98	1.02	-124.54
22501034	31 58.70	111 17.06	10403.0	979151.78	0.72	-125.77
22500323	31 58.84	111 7.94	11247.0	979134.58	0.79	-126.56
22500411	31 58.87	111 23.86	8419.0	979189.18	0.34	-127.83
22500322	31 58.93	111 6.94	10924.0	979139.58	0.68	-128.12
3277 263	31 59.00	111 5.50	10596.0	979143.61	0.77	-130.52
22500324	31 59.00	111 8.53	11403.0	979132.68	0.89	-125.52
3277 10	31 59.00	111 22.40	8495.0	979189.51	0.33	-126.20
22501037	31 59.00	111 17.74	10086.0	979157.88	0.65	-126.35
22500325	31 59.06	111 9.88	11500.0	979132.78	0.96	-123.53
22500931	31 59.09	111 14.99	11012.0	979144.88	1.00	-120.99
22500925	31 59.14	111 10.67	11582.0	979131.88	1.04	-122.85
22500771	31 59.18	111 9.16	11351.0	979134.78	0.88	-124.69
22501033	31 59.24	111 17.12	10165.0	979156.48	0.68	-126.50
22500926	31 59.33	111 11.41	11433.0	979135.88	1.04	-122.03
22500957	31 59.38	111 6.08	10592.0	979146.38	0.73	-128.38



## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
22500956	31	59.39	111	7.85	10979.0	979140.78	0.72	-126.42
22500773	31	59.41	111	13.07	11332.0	979138.88	1.10	-121.05
22500329	31	59.50	111	5.50	10372.0	979150.38	0.74	-128.84
22500400	31	59.50	111	6.83	10845.0	979142.48	0.70	-127.51
22501198	31	59.63	111	15.86	10366.0	979151.78	0.77	-127.70
22500927	31	59.69	111	9.10	11119.0	979140.38	0.82	-124.38
22500924	31	59.87	111	12.28	11040.0	979144.88	0.97	-121.52
22500472	31	59.89	111	17.47	9799.0	979164.18	0.64	-126.89
22500465	31	59.96	111	21.71	8422.0	979192.48	0.31	-125.97
3277 253	32	0.00	111	8.09	10868.0	979144.41	0.87	-125.64
22500078	32	0.01	111	15.07	10516.0	979149.18	0.85	-127.80
22500928	32	0.02	111	7.85	10686.0	979147.98	0.74	-125.79
22500656	32	0.02	111	7.10	10613.0	979148.18	0.63	-127.14
22500654	32	0.04	111	5.54	10266.0	979152.78	0.62	-129.37
22500655	32	0.04	111	6.31	10485.0	979149.58	0.59	-128.31
46882560	32	0.18	111	34.85	10628.0	979166.15	2.09	-107.63
22500632	32	0.23	111	10.00	10912.0	979146.38	0.82	-123.17
22500630	32	0.23	111	9.38	10854.0	979146.88	0.78	-123.85
3277 259	32	0.29	111	27.20	9021.0	979189.41	0.67	-117.40
22500634	32	0.34	111	11.63	10866.0	979148.48	0.89	-122.05
22500079	32	0.35	111	15.88	10004.0	979157.58	0.71	-130.03
22500568	32	0.40	111	16.43	9781.0	979163.58	0.65	-128.53
22500631	32	0.56	111	10.46	10720.0	979150.58	0.79	-123.21
22500633	32	0.58	111	12.38	10583.0	979154.18	0.80	-122.31
22500617	32	0.65	111	6.59	10278.0	979155.48	0.54	-127.34
22500620	32	0.68	111	8.42	10589.0	979152.08	0.69	-124.54
22500653	32	0.68	111	13.63	10430.0	979155.68	0.80	-123.94
22500077	32	0.76	111	21.19	8358.0	979194.98	0.29	-125.83
22500621	32	0.88	111	7.55	10296.0	979156.68	0.57	-126.07
25060268	32	0.89	111	23.99	8294.0	979203.46	0.39	-118.68
22500567	32	1.01	111	15.86	9623.0	979166.28	0.64	-129.75
22500566	32	1.01	111	16.91	9370.0	979173.28	0.57	-127.78
22501083	32	1.01	111	17.51	9257.0	979176.48	0.53	-126.83
22501101	32	1.10	111	11.89	10418.0	979156.58	0.79	-123.86
31110485	32	1.18	111	29.83	9462.0	979188.75	2.53	-108.78
25060267	32	1.19	111	21.80	8062.0	979203.06	0.44	-123.98
22500615	32	1.22	111	5.36	9805.0	979163.98	0.43	-128.98
22500616	32	1.22	111	6.56	10049.0	979160.68	0.49	-127.45
22501100	32	1.22	111	10.64	10391.0	979156.58	0.72	-124.62
22501094	32	1.24	111	8.14	10250.0	979159.18	0.59	-124.94

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation

Data source: Department of Defense

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A observed	V I T Y tc cba
3277 257	32 1.49	111 20.69	8253.0	979198.42	0.28 -125.44
22500644	32 1.55	111 13.30	9964.0	979163.98	0.73 -126.01
25060272	32 1.60	111 26.20	8458.0	979206.27	0.38 -113.63
3277 251	32 1.70	111 13.00	9912.0	979164.36	0.69 -126.90
22501102	32 1.76	111 12.02	10043.0	979162.88	0.73 -125.85
25060269	32 1.79	111 23.99	8184.0	979209.31	0.53 -116.06
22501099	32 1.81	111 10.73	10061.0	979161.68	0.68 -126.82
22500622	32 1.85	111 5.80	9647.0	979168.98	0.41 -127.95
22500618	32 1.85	111 6.76	9824.0	979165.48	0.46 -127.93
22501084	32 1.99	111 17.26	8778.0	979187.88	0.41 -126.25
20510315	32 2.00	111 29.99	8763.0	979209.06	1.63 -104.16
22501093	32 2.03	111 8.21	9927.0	979164.68	0.57 -126.85
22500564	32 2.11	111 20.26	8190.0	979200.98	0.26 -124.98
22500643	32 2.18	111 13.70	9476.0	979170.38	0.61 -130.14
22500625	32 2.18	111 5.21	9357.0	979174.68	0.34 -128.45
22501096	32 2.33	111 10.61	9714.0	979165.48	0.59 -130.61
25060273	32 2.39	111 28.19	8580.0	979209.99	0.55 -108.42
25060014	32 2.39	111 29.20	8762.0	979208.72	1.19 -105.49
25060270	32 2.50	111 23.99	8123.0	979213.69	0.68 -113.69
22501092	32 2.57	111 8.14	9641.0	979170.78	0.54 -127.11
25060010	32 2.60	111 26.99	8429.0	979211.73	0.64 -109.83
22500640	32 2.62	111 12.97	9245.0	979175.18	0.55 -130.53
22500565	32 2.66	111 17.59	8434.0	979197.48	0.32 -124.38
22500627	32 2.71	111 10.39	9479.0	979167.58	0.53 -133.69
25060266	32 2.80	111 20.99	7910.0	979211.38	0.22 -121.03
22500642	32 2.93	111 13.94	8906.0	979183.38	0.48 -129.45
3277 262	32 2.99	111 25.19	8198.0	979217.25	0.71 -109.29
22500607	32 3.11	111 5.68	9050.0	979184.88	0.29 -125.56
22501107	32 3.11	111 8.99	9293.0	979172.58	0.47 -132.93
22500608	32 3.11	111 6.52	9190.0	979181.98	0.33 -125.68
22500639	32 3.13	111 13.24	8870.0	979184.38	0.47 -129.44
22500619	32 3.23	111 8.21	9245.0	979176.08	0.42 -130.58
22501097	32 3.29	111 10.64	9147.0	979175.48	0.53 -133.07
22500635	32 3.38	111 12.23	8729.0	979186.98	0.47 -129.93
25060251	32 3.40	111 24.10	8116.0	979218.30	0.97 -110.15
22501088	32 3.41	111 7.33	9089.0	979183.98	0.35 -126.05
22500609	32 3.47	111 5.80	8909.0	979188.78	0.28 -124.93
22500638	32 3.65	111 14.06	8422.0	979195.78	0.35 -127.63
22500626	32 3.77	111 9.64	8845.0	979181.68	0.39 -133.58
25060250	32 3.80	111 23.09	8047.0	979218.58	1.08 -111.65

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
22500610	32	3.82	111	5.26	8681.0	979194.88	0.22	-123.82
25060265	32	3.89	111	19.10	7897.0	979211.29	0.18	-122.90
25060274	32	3.89	111	28.40	8394.0	979218.87	0.55	-105.22
22501098	32	3.91	111	10.82	8641.0	979188.48	0.36	-130.98
22501095	32	4.00	111	8.93	8751.0	979184.08	0.34	-133.38
25060249	32	4.00	111	21.89	7894.0	979218.90	0.21	-115.46
22500636	32	4.04	111	12.32	8364.0	979197.58	0.35	-127.50
22501091	32	4.18	111	7.28	8678.0	979191.88	0.26	-127.33
25060248	32	4.19	111	21.29	7824.0	979220.04	0.21	-115.95
22500641	32	4.31	111	14.81	8108.0	979204.48	0.27	-126.05
22500611	32	4.49	111	8.86	8501.0	979190.78	0.28	-132.29
3277 8	32	4.60	111	18.70	7741.0	979216.68	0.16	-121.54
25060007	32	4.60	111	19.49	7703.0	979220.51	0.21	-118.41
22500637	32	4.64	111	12.16	8089.0	979204.78	0.31	-126.53
25060008	32	4.70	111	20.39	7744.0	979221.94	0.30	-116.22
22501089	32	4.88	111	7.54	8382.0	979198.58	0.21	-127.43
22500614	32	5.00	111	8.96	8278.0	979197.18	0.22	-131.01
22500628	32	5.03	111	11.26	8099.0	979203.28	0.23	-128.45
25060011	32	5.09	111	17.69	7721.0	979217.30	0.15	-121.99
31110726	32	5.20	111	36.80	8327.0	979217.72	0.41	-109.60
22500595	32	5.38	111	5.81	8181.0	979214.18	0.18	-116.47
22501090	32	5.38	111	7.37	8184.0	979205.18	0.18	-125.41
25060258	32	5.39	111	16.79	7696.0	979218.11	0.14	-122.08
22500612	32	5.50	111	9.05	8086.0	979202.48	0.19	-130.17
22500629	32	5.57	111	11.50	7897.0	979208.68	0.19	-127.77
25060252	32	5.60	111	21.20	7885.0	979223.79	0.16	-112.97
22500613	32	5.63	111	9.95	7986.0	979205.78	0.19	-129.01
3277 258	32	5.80	111	15.80	7636.0	979219.49	0.14	-122.43
3277 252	32	6.20	111	5.80	7955.0	979221.32	0.13	-114.91
25060259	32	6.20	111	16.10	7559.0	979223.19	0.12	-120.80
25060260	32	6.20	111	17.09	7541.0	979225.73	0.11	-118.62
25060261	32	6.20	111	18.10	7541.0	979227.64	0.14	-116.68
22500593	32	6.23	111	6.83	7934.0	979216.98	0.13	-119.70
22500596	32	6.23	111	7.37	7913.0	979212.48	0.14	-124.60
22500594	32	6.23	111	8.90	7858.0	979208.78	0.14	-129.38
31110254	32	6.38	111	29.70	7952.0	979234.96	0.26	-101.44
3277 250	32	6.50	111	14.00	7546.0	979220.88	0.12	-123.77
25060013	32	6.59	111	14.99	7584.0	979220.66	0.15	-123.34
22500597	32	6.68	111	6.83	7833.0	979219.98	0.10	-119.31
22500169	32	6.68	111	7.87	7797.0	979213.08	0.11	-126.92

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION	G R A V I T Y		
	deg min		deg min		ft	observed	tc	cba
22500084	32	6.77	111	13.33	7495.0	979221.88	0.11	-124.14
25060254	32	7.00	111	19.19	7590.0	979234.16	0.10	-110.32
22500671	32	7.03	111	5.71	7806.0	979228.18	0.10	-112.12
25060671	32	7.10	111	14.50	7407.0	979226.64	0.09	-121.58
25060262	32	7.10	111	16.10	7407.0	979231.35	0.08	-116.87
22500155	32	7.10	111	6.83	7739.0	979224.98	0.09	-116.73
22500598	32	7.10	111	7.37	7684.0	979219.28	0.10	-123.50
22500154	32	7.10	111	7.88	7687.0	979216.58	0.10	-126.15
22500168	32	7.10	111	8.51	7620.0	979216.28	0.11	-127.75
31110125	32	7.21	111	18.77	7535.0	979236.20	0.11	-109.64
25060255	32	7.30	111	18.29	7513.0	979236.60	0.13	-109.77
22500670	32	7.34	111	5.00	7745.0	979231.08	0.23	-110.71
25060253	32	7.49	111	20.69	7803.0	979232.14	0.15	-108.79
22500156	32	7.55	111	6.83	7654.0	979231.08	0.08	-112.92
22500170	32	7.55	111	7.87	7590.0	979220.78	0.08	-124.47
20510313	32	7.60	111	10.79	7434.0	979221.96	0.08	-126.41
22500166	32	7.97	111	8.36	7495.0	979223.08	0.07	-124.62
22500167	32	7.97	111	8.89	7480.0	979221.58	0.07	-126.41
22500163	32	7.99	111	5.81	7617.0	979236.18	0.09	-109.13
22500164	32	7.99	111	6.32	7590.0	979235.98	0.08	-109.87
22500165	32	7.99	111	6.83	7580.0	979235.18	0.07	-110.88
22500153	32	7.99	111	7.85	7529.0	979225.58	0.07	-121.48
22500162	32	8.00	111	5.27	7675.0	979235.28	0.14	-108.86
25060672	32	8.00	111	14.09	7276.0	979231.13	0.06	-120.90
3277 2	32	8.09	111	10.19	7355.0	979222.33	0.07	-128.27
3277 247	32	8.20	111	10.40	7345.0	979223.48	0.06	-127.47
22500109	32	8.21	111	9.53	7385.0	979223.68	0.07	-126.49
22500171	32	8.42	111	6.32	7583.0	979239.08	0.07	-107.50
22500152	32	8.56	111	7.85	7446.0	979233.98	0.10	-115.44
25060257	32	8.80	111	17.20	7315.0	979245.65	0.09	-106.67
25060673	32	8.90	111	14.09	7178.0	979235.47	0.04	-119.72
25060263	32	8.90	111	15.10	7221.0	979237.37	0.03	-116.99
22500172	32	9.02	111	6.32	7577.0	979241.68	0.07	-105.83
22500660	32	9.10	111	9.08	7327.0	979231.88	0.06	-120.64
22500151	32	9.16	111	7.69	7446.0	979242.08	0.10	-108.16
22500146	32	9.26	111	10.33	7218.0	979231.28	0.05	-123.60
22500144	32	9.26	111	11.23	7157.0	979231.28	0.06	-124.79
22500661	32	9.29	111	5.21	7718.0	979239.48	0.08	-105.63
22500083	32	9.56	111	6.83	7559.0	979243.48	0.09	-105.09
22500659	32	9.56	111	8.44	7355.0	979240.88	0.08	-111.70

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
22500145	32	9.68	111	10.99	7151.0	979233.68	0.07	-123.07
25060674	32	9.70	111	13.00	7099.0	979236.03	0.07	-121.76
25060675	32	9.70	111	14.09	7132.0	979238.82	0.03	-118.36
22500143	32	9.74	111	12.11	7093.0	979234.58	0.10	-123.35
22500657	32	9.76	111	7.42	7501.0	979245.38	0.09	-104.60
22500658	32	10.10	111	7.91	7468.0	979246.38	0.11	-104.69
31110354	32	10.37	111	36.50	6979.0	979266.13	0.12	-94.87
25060676	32	10.49	111	13.10	7038.0	979240.38	0.13	-119.61
3277 249	32	10.49	111	14.09	7062.0	979242.27	0.05	-117.33
25060264	32	10.49	111	15.10	7093.0	979246.17	0.01	-112.87
22500116	32	10.52	111	10.76	7175.0	979238.88	0.09	-118.51
22500574	32	10.52	111	11.47	7090.0	979239.08	0.12	-119.95
22500575	32	10.52	111	12.02	7065.0	979239.28	0.13	-120.23
22500115	32	10.61	111	9.53	7330.0	979241.48	0.07	-113.02
22500107	32	10.61	111	9.97	7294.0	979240.08	0.06	-115.14
22500113	32	10.61	111	5.78	7846.0	979240.68	0.14	-103.66
22500108	32	10.61	111	6.83	7718.0	979243.88	0.15	-102.95
22500114	32	10.61	111	7.84	7547.0	979246.28	0.13	-103.92
22500577	32	11.03	111	9.38	7449.0	979243.58	0.08	-109.16
22500576	32	11.03	111	9.97	7367.0	979242.28	0.07	-112.07
22500088	32	11.21	111	5.62	8022.0	979239.28	0.27	-102.29
22500583	32	11.26	111	7.54	7748.0	979245.28	0.40	-101.60
31110232	32	11.39	111	30.18	7180.0	979250.24	0.08	-108.25
22500089	32	11.39	111	13.13	6980.0	979245.68	0.11	-116.69
22500117	32	11.42	111	9.98	7376.0	979243.48	0.08	-111.21
22500112	32	11.50	111	6.07	8028.0	979240.58	0.48	-101.06
3277 256	32	11.69	111	17.90	7060.0	979261.99	0.06	-99.27
22500105	32	11.96	111	6.83	8199.0	979238.18	1.06	-100.16
22500569	32	12.14	111	10.04	7434.0	979246.58	0.13	-107.91
31110024	32	12.23	111	18.65	7105.0	979262.23	0.05	-98.89
22500579	32	12.26	111	10.99	7251.0	979246.68	0.11	-111.57
22500578	32	12.70	111	11.47	7175.0	979249.38	0.14	-110.92
3277 244	32	12.89	111	7.79	8059.0	979243.73	0.45	-99.22
22500101	32	13.21	111	8.89	7980.0	979246.88	0.35	-98.15
22501106	32	13.22	111	6.73	8455.0	979236.08	1.41	-98.61
22500100	32	13.34	111	9.92	7687.0	979251.68	0.33	-99.29
22500573	32	13.36	111	6.01	9647.0	979211.28	1.39	-100.28
25060017	32	13.49	111	21.10	7214.0	979266.46	0.16	-94.14
22500581	32	13.54	111	5.17	8903.0	979224.88	1.43	-101.45
22500086	32	13.60	111	8.30	8260.0	979241.48	0.50	-98.45

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
22500586	32	14.03	111	10.99	7812.0	979249.08	0.35	-100.36
22500585	32	14.03	111	12.02	7343.0	979252.68	0.20	-106.09
22500584	32	14.03	111	13.13	6998.0	979256.58	0.14	-109.00
22500582	32	14.11	111	7.48	8662.0	979232.98	1.32	-98.95
3277 246	32	14.20	111	10.19	8202.0	979243.38	0.60	-98.40
25060015	32	14.39	111	19.40	6847.0	979272.21	0.01	-96.94
22500646	32	14.42	111	5.78	9287.0	979220.18	1.54	-99.72
22500665	32	14.50	111	13.67	6895.0	979259.48	0.12	-108.77
22500572	32	14.60	111	9.74	8650.0	979234.18	1.11	-98.87
3277 268	32	14.60	111	37.79	6367.0	979279.72	0.15	-98.97
22500587	32	14.60	111	11.99	7455.0	979254.58	0.31	-102.66
22500098	32	14.78	111	10.76	8303.0	979240.28	0.82	-100.09
22500664	32	14.90	111	13.16	7111.0	979257.48	0.15	-107.05
25060276	32	14.90	111	15.10	6739.0	979263.25	0.02	-108.70
25060277	32	14.90	111	16.10	6727.0	979265.72	-0.01	-106.49
25060278	32	14.90	111	18.10	6745.0	979269.67	-0.01	-102.19
22500538	32	15.01	111	8.26	9894.0	979208.08	2.15	-100.13
22500053	32	15.08	111	11.53	7843.0	979249.48	0.60	-100.52
22500062	32	15.35	111	6.02	8742.0	979232.88	1.49	-99.00
22500534	32	15.38	111	9.97	9394.0	979216.08	1.95	-102.62
31110339	32	15.39	111	37.04	6283.0	979287.02	0.34	-94.19
3277 240	32	15.40	111	22.30	6520.0	979284.10	0.43	-92.40
31110004	32	15.42	111	23.80	6914.0	979278.99	0.45	-89.81
25060160	32	15.50	111	23.90	6916.0	979279.02	0.43	-89.86
22500052	32	15.56	111	12.40	7483.0	979255.58	0.70	-102.03
22500535	32	15.68	111	11.26	8644.0	979229.48	1.40	-104.86
3277 238	32	15.70	111	18.20	6684.0	979271.79	-0.03	-102.37
22500063	32	15.77	111	14.06	6815.0	979261.08	0.12	-110.46
22501122	32	15.79	111	9.32	10628.0	979189.98	3.52	-103.54
25060575	32	15.80	111	15.10	6666.0	979263.79	0.03	-110.80
25060574	32	15.80	111	16.10	6663.0	979265.41	-0.01	-109.27
25060573	32	15.80	111	17.20	6669.0	979268.55	-0.03	-106.04
25060547	32	15.80	111	20.30	6651.0	979278.63	-0.02	-96.30
25060159	32	15.80	111	24.59	6967.0	979278.01	0.07	-90.65
22500552	32	15.86	111	7.64	10034.0	979205.28	2.36	-101.13
22500060	32	15.89	111	5.77	8156.0	979245.78	1.06	-98.74
22500061	32	15.97	111	6.77	8806.0	979232.38	1.17	-99.41
3277 226	32	16.10	111	13.00	7327.0	979257.52	0.36	-104.21
22500554	32	16.19	111	10.30	9876.0	979205.08	1.97	-105.27
22500065	32	16.27	111	12.11	7836.0	979246.68	0.99	-104.69

## PRINCIPAL FACTS

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STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
3277 242	32 16.40	111 25.30	7119.0	979275.87	0.12	-90.58
31110311	32 16.42	111 31.55	6687.0	979284.76	0.01	-90.28
25060549	32 16.70	111 17.20	6590.0	979270.05	-0.04	-107.32
25060548	32 16.70	111 20.30	6532.0	979280.30	-0.03	-98.20
22500537	32 16.73	111 12.62	7263.0	979257.58	0.50	-106.12
22500057	32 16.76	111 6.77	8748.0	979234.88	0.87	-99.42
22500064	32 16.76	111 13.72	6870.0	979261.28	0.15	-110.50
22500549	32 16.76	111 5.77	7910.0	979251.88	0.49	-99.21
22500556	32 16.76	111 10.54	8967.0	979224.48	1.14	-105.26
22500553	32 16.79	111 11.54	8376.0	979237.08	0.81	-104.61
22500555	32 17.02	111 9.28	9592.0	979213.88	2.02	-103.10
22500550	32 17.15	111 5.27	7489.0	979259.48	0.69	-100.17
22500048	32 17.15	111 9.92	9101.0	979223.08	1.10	-104.62
25060157	32 17.20	111 25.40	6921.0	979277.55	0.08	-93.91
22500049	32 17.29	111 10.88	8547.0	979234.38	0.74	-104.71
22700931	32 17.30	111 13.10	7108.0	979260.00	0.20	-107.81
22500548	32 17.38	111 6.40	7940.0	979251.88	0.48	-99.47
22500557	32 17.42	111 12.43	7422.0	979257.08	0.33	-104.62
22501125	32 17.56	111 7.36	8300.0	979244.88	0.98	-99.17
25060559	32 17.60	111 15.10	6572.0	979266.23	0.02	-112.65
25060558	32 17.60	111 16.10	6523.0	979267.63	-0.02	-112.25
25060557	32 17.60	111 17.20	6517.0	979270.30	-0.04	-109.72
25060545	32 17.60	111 18.20	6535.0	979273.36	-0.06	-106.33
25060542	32 17.60	111 19.19	6532.0	979277.17	-0.06	-102.58
25060543	32 17.60	111 20.30	6486.0	979281.19	-0.06	-99.46
25060564	32 17.60	111 21.29	6462.0	979283.58	-0.04	-97.52
25060563	32 17.60	111 22.30	6520.0	979284.06	0.01	-95.85
25060156	32 17.69	111 26.39	6949.0	979280.25	0.08	-91.32
22500066	32 17.71	111 11.69	7815.0	979249.78	0.44	-104.51
22500547	32 17.80	111 5.56	7513.0	979257.78	0.34	-102.64
22500067	32 17.87	111 13.07	7084.0	979261.38	0.17	-107.70
3277 237	32 17.90	111 15.10	6549.0	979267.00	0.02	-112.74
25060562	32 17.90	111 23.30	6584.0	979285.79	0.03	-93.26
22501126	32 17.96	111 6.65	8007.0	979250.88	0.44	-99.99
22500047	32 18.07	111 9.47	8470.0	979238.68	0.67	-103.05
22500050	32 18.14	111 12.50	7266.0	979260.18	0.22	-105.66
25060155	32 18.20	111 26.99	6961.0	979282.05	0.06	-90.00
3277 265	32 18.29	111 31.30	6844.0	979282.99	0.08	-91.45
25060148	32 18.40	111 15.10	6513.0	979267.52	0.01	-113.61
25060572	32 18.40	111 19.19	6459.0	979277.57	-0.07	-104.70

## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
25060544	32	18.40	111	20.30	6425.0	979281.88	-0.07	-101.06
22500051	32	18.43	111	13.07	6980.0	979263.88	0.14	-108.03
22500056	32	18.49	111	5.77	7233.0	979262.28	0.31	-104.59
22500558	32	18.58	111	10.28	7812.0	979253.78	0.41	-101.78
22501124	32	18.64	111	6.83	7507.0	979261.28	0.58	-100.16
22500019	32	18.68	111	9.29	7961.0	979252.38	0.42	-100.39
22500545	32	18.74	111	7.81	7638.0	979259.28	0.69	-99.62
22500071	32	18.80	111	10.97	7437.0	979261.48	0.27	-101.86
25060243	32	18.89	111	14.09	6639.0	979266.70	0.03	-112.62
22501127	32	18.95	111	6.17	7382.0	979260.18	0.27	-104.44
22501123	32	18.98	111	7.31	7504.0	979262.48	0.57	-99.49
22500055	32	19.01	111	5.36	7215.0	979259.78	0.31	-108.15
25060242	32	19.19	111	13.00	6797.0	979267.80	0.09	-108.78
25060149	32	19.19	111	15.10	6439.0	979268.18	0.01	-115.48
25060541	32	19.19	111	19.19	6376.0	979277.31	-0.07	-107.66
25060556	32	19.19	111	20.20	6358.0	979281.57	-0.07	-103.75
25060569	32	19.19	111	21.89	6389.0	979288.49	-0.03	-96.18
25060561	32	19.19	111	26.39	7010.0	979282.97	0.05	-89.48
22700928	32	19.25	111	9.97	7547.0	979262.80	0.27	-99.00
22700929	32	19.25	111	11.00	7257.0	979267.02	0.20	-100.52
22700930	32	19.25	111	11.99	7029.0	979268.74	0.14	-103.32
22700927	32	19.39	111	8.78	7544.0	979263.68	0.83	-97.81
3277 227	32	19.49	111	7.60	7585.0	979259.77	0.64	-101.24
22500546	32	19.67	111	5.98	7044.0	979265.18	0.22	-107.09
22500018	32	19.69	111	6.80	7114.0	979266.28	0.25	-104.61
25060244	32	20.00	111	12.89	6675.0	979273.46	0.06	-106.63
25060560	32	20.00	111	16.19	6331.0	979267.18	-0.04	-119.74
25060552	32	20.00	111	18.20	6309.0	979272.10	-0.06	-115.27
25060540	32	20.00	111	19.19	6303.0	979278.21	-0.08	-109.30
25060555	32	20.00	111	20.20	6297.0	979284.09	-0.08	-103.54
25060566	32	20.00	111	21.29	6279.0	979289.41	-0.06	-98.55
25060568	32	20.00	111	22.30	6486.0	979289.80	0.20	-93.85
25060152	32	20.00	111	28.30	7460.0	979275.29	0.73	-88.77
22500039	32	20.24	111	6.38	6824.0	979271.38	0.23	-105.95
27570110	32	20.40	111	37.01	6337.0	979295.78	0.25	-91.28
25060151	32	20.90	111	26.99	7399.0	979278.60	0.45	-88.16
22500042	32	20.93	111	6.07	6550.0	979277.68	0.31	-105.88
25060551	32	20.99	111	18.20	6251.0	979274.16	-0.04	-115.67
25060539	32	20.99	111	19.19	6233.0	979281.06	-0.07	-109.16
25060570	32	20.99	111	20.30	6236.0	979287.80	-0.07	-102.36



## PRINCIPAL FACTS

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STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
25060571	32	20.99	111	21.20	6218.0	979292.42	-0.06	-98.08
25060567	32	20.99	111	22.30	6334.0	979293.04	0.04	-95.09
25060245	32	21.10	111	12.89	6517.0	979278.25	0.04	-106.45
22700921	32	21.38	111	5.15	6568.0	979276.00	0.31	-107.82
1083002	32	21.40	111	5.30	6572.0	979275.00	0.29	-108.78
22500043	32	21.49	111	6.80	6501.0	979281.98	0.35	-103.25
27570011	32	21.55	111	31.23	7332.0	979273.48	0.19	-95.73
25060150	32	21.70	111	26.60	7041.0	979287.79	0.15	-87.37
25060553	32	21.80	111	17.20	6200.0	979272.13	-0.06	-119.82
3277 239	32	21.80	111	18.20	6187.0	979277.11	-0.06	-115.10
25060538	32	21.80	111	19.19	6166.0	979283.82	-0.08	-108.82
25060565	32	21.80	111	20.39	6172.0	979291.90	-0.06	-100.61
22700924	32	21.98	111	5.75	6529.0	979278.65	0.31	-106.75
3277 225	32	22.00	111	13.00	6386.0	979280.21	0.04	-108.28
22700641	32	22.25	111	23.45	6477.0	979296.51	0.06	-90.52
22700642	32	22.25	111	25.19	6760.0	979295.04	0.02	-86.50
3277 236	32	22.30	111	22.30	6330.0	979295.54	0.02	-94.48
3277 220	32	22.40	111	6.20	6485.0	979280.68	0.41	-106.05
22700644	32	22.61	111	28.63	7532.0	979281.10	0.41	-85.43
22500017	32	22.61	111	6.34	6462.0	979282.08	0.48	-105.32
22700639	32	22.61	111	21.28	6187.0	979297.30	-0.06	-96.02
22700638	32	22.72	111	19.22	6111.0	979288.02	-0.09	-106.96
25060554	32	22.79	111	17.20	6126.0	979275.67	-0.08	-119.10
25060147	32	22.79	111	17.90	6120.0	979278.86	-0.07	-116.02
25060247	32	22.90	111	12.89	6233.0	979283.79	0.29	-108.67
3277 235	32	23.09	111	29.60	8010.0	979272.28	0.58	-85.38
22700636	32	23.60	111	17.18	6078.0	979280.42	-0.06	-116.37
22700637	32	23.60	111	18.22	6075.0	979285.72	-0.07	-111.15
22700635	32	23.69	111	16.15	6087.0	979278.85	-0.06	-117.89
227000N0	32	24.08	111	8.89	6325.0	979298.20	0.81	-93.54
22700M39	32	24.14	111	9.29	6270.0	979299.01	0.67	-94.04
22700M38	32	24.14	111	9.70	6285.0	979297.78	0.49	-95.15
22700M37	32	24.14	111	10.18	6288.0	979297.16	0.35	-95.85
22700M36	32	24.14	111	10.64	6267.0	979296.83	0.33	-96.62
22700M35	32	24.14	111	11.09	6254.0	979296.16	0.24	-97.62
22700M34	32	24.14	111	11.57	6236.0	979295.22	0.16	-99.00
22700M33	32	24.14	111	12.07	6212.0	979292.66	0.11	-102.08
22700M32	32	24.14	111	12.55	6184.0	979288.92	0.06	-106.42
22700M31	32	24.14	111	13.04	6151.0	979285.69	0.05	-110.31
22700M30	32	24.14	111	13.52	6120.0	979283.32	0.03	-113.30

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation

Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
22700634	32	24.23	111	14.24	6096.0	979281.40	-0.02	-115.86
22700M29	32	24.31	111	14.00	6111.0	979282.43	-0.01	-114.64
22700N28	32	24.38	111	8.27	6297.0	979296.26	0.76	-96.50
1083000	32	24.40	111	8.39	6294.0	979297.10	0.76	-95.74
3277 250	32	24.40	111	32.99	7674.0	979278.87	0.99	-86.74
227000N1	32	24.46	111	8.89	6282.0	979299.24	0.69	-93.98
22700633	32	24.53	111	13.51	6133.0	979284.78	-0.01	-112.16
22700N2A	32	24.59	111	8.59	6285.0	979298.30	0.67	-95.07
22700M28	32	24.70	111	14.18	6105.0	979283.31	-0.03	-114.42
3277 221	32	24.80	111	8.80	6280.0	979298.81	0.53	-95.08
22700M27	32	24.85	111	14.60	6072.0	979283.21	-0.04	-115.38
227000N3	32	25.00	111	8.63	6273.0	979299.77	0.62	-94.44
22700M24	32	25.01	111	15.80	6026.0	979285.62	-0.06	-114.12
22700M26	32	25.10	111	15.02	6050.0	979283.71	-0.05	-115.67
22700M25	32	25.30	111	15.41	6035.0	979284.64	-0.05	-115.30
22700632	32	25.34	111	9.55	6221.0	979303.09	0.47	-92.75
22500031	32	25.43	111	6.83	6956.0	979284.08	0.32	-97.65
227000N4	32	25.43	111	8.65	6319.0	979301.38	0.53	-92.60
40990365	32	25.45	111	9.70	6217.0	979303.03	0.41	-93.10
3277 229	32	25.70	111	16.10	6009.0	979286.23	-0.05	-114.76
22700697	32	25.70	111	33.41	7138.0	979292.49	0.47	-85.90
227000M5	32	25.73	111	22.85	6209.0	979310.55	-0.06	-86.59
22700M16	32	25.73	111	18.35	5941.0	979295.48	-0.10	-106.93
22700M15	32	25.73	111	18.77	5938.0	979297.84	-0.10	-104.63
22700M14	32	25.73	111	19.18	5931.0	979300.14	-0.09	-102.46
22700M13	32	25.73	111	19.57	5919.0	979303.09	-0.09	-99.74
22700M12	32	25.73	111	19.99	5913.0	979305.20	-0.10	-97.76
22700M11	32	25.73	111	20.39	5904.0	979307.60	-0.09	-95.53
22700M10	32	25.73	111	20.80	5965.0	979308.34	-0.08	-93.58
227000M9	32	25.73	111	21.20	6011.0	979309.03	-0.06	-91.98
227000M8	32	25.73	111	21.62	6053.0	979309.91	-0.07	-90.28
227000M7	32	25.73	111	22.04	6102.0	979310.45	-0.08	-88.80
227000M6	32	25.73	111	22.46	6157.0	979310.50	-0.06	-87.65
3277 231	32	25.79	111	22.30	6138.0	979309.84	-0.07	-88.77
227000N5	32	25.84	111	8.50	6468.0	979299.53	0.34	-92.29
22700M22	32	25.93	111	16.58	5983.0	979288.91	-0.07	-112.92
227000M4	32	25.94	111	23.18	6230.0	979311.28	-0.04	-85.71
22700M21	32	26.09	111	17.00	5965.0	979290.77	-0.09	-111.66
22700M17	32	26.09	111	18.23	5867.0	979297.98	-0.08	-106.35
3277 251	32	26.09	111	33.59	6951.0	979297.25	0.34	-85.46

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
Data source: Department of Defense

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
227000M0	32 26.12	111 24.59	6501.0	979312.36	0.10	-79.44
227000M3	32 26.12	111 23.50	6254.0	979312.80	-0.01	-83.94
22700654	32 26.20	111 24.37	6413.0	979312.90	0.13	-80.70
227000N6	32 26.23	111 8.36	6645.0	979296.92	0.26	-92.04
227000M2	32 26.24	111 23.89	6334.0	979312.80	0.01	-82.52
22700M20	32 26.32	111 17.32	5944.0	979292.83	-0.09	-110.33
227000M1	32 26.38	111 24.26	6401.0	979312.95	0.03	-81.22
22700M18	32 26.42	111 18.22	5873.0	979298.97	-0.09	-105.71
22700M19	32 26.56	111 17.78	5934.0	979296.02	-0.08	-107.64
227000N7	32 26.60	111 8.51	6700.0	979298.68	0.27	-89.71
22700696	32 26.66	111 32.60	7175.0	979299.95	0.45	-79.04
1083002	32 26.69	111 11.60	6116.0	979301.70	0.09	-98.41
227000N8	32 26.99	111 8.36	6840.0	979295.98	0.32	-90.14
22700631	32 27.25	111 12.20	6090.0	979302.40	0.06	-99.02
3277 254	32 27.29	111 36.89	6050.0	979321.26	0.15	-80.90
227000N9	32 27.40	111 8.24	7004.0	979293.70	0.37	-89.73
35981173	32 27.50	111 12.50	6029.0	979302.69	0.06	-100.26
22700N10	32 27.73	111 7.99	7190.0	979289.96	0.44	-90.21
3277 222	32 27.80	111 13.00	6096.0	979302.70	0.03	-99.37
3277 232	32 27.80	111 27.80	6965.0	979309.82	0.17	-75.12
3277 230	32 28.00	111 18.20	5820.0	979304.94	-0.10	-102.94
22700N11	32 28.07	111 7.75	7364.0	979287.12	0.66	-89.89
3277 253	32 28.19	111 32.60	6457.0	979319.02	0.28	-76.27
22700630	32 28.25	111 13.61	5983.0	979305.84	0.03	-99.06
22700695	32 28.30	111 37.03	5819.0	979328.65	0.03	-79.53
22700693	32 28.31	111 34.00	6258.0	979320.36	0.45	-78.83
22700N12	32 28.46	111 7.67	7565.0	979284.84	0.81	-88.61
22700N13	32 28.60	111 7.67	7714.0	979285.17	0.72	-85.65
22700691	32 28.99	111 30.88	6434.0	979322.72	0.12	-74.28
3277 224	32 29.00	111 14.60	5930.0	979308.56	0.04	-98.39
3277 223	32 29.20	111 8.60	7437.0	979289.95	0.66	-87.17
40990364	32 29.24	111 14.99	5928.0	979308.31	0.00	-99.05
1083002	32 29.30	111 15.10	5926.0	979309.40	0.00	-98.08
3277 233	32 29.50	111 23.00	5837.0	979321.58	-0.11	-88.03
22700694	32 29.53	111 36.41	5642.0	979333.17	-0.04	-80.22
22700628	32 29.54	111 15.23	5925.0	979309.96	-0.01	-97.88
22700690	32 29.72	111 30.50	6325.0	979326.20	0.05	-73.99
227000K0	32 29.83	111 29.90	6300.0	979326.58	0.07	-74.24
22705766	32 30.01	111 10.48	6980.0	979297.63	0.23	-89.97
22705767	32 30.10	111 13.78	6264.0	979307.73	0.04	-94.19

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: Department of Defense

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y		
				observed	tc	cba
227000K1	32 30.11	111 30.20	6181.0	979327.15	0.02	-76.43
22700627	32 30.14	111 15.76	5938.0	979310.55	-0.04	-97.88
3277 203	32 30.29	111 17.69	5800.0	979310.45	-0.09	-100.93
22705733	32 30.40	111 38.30	5441.0	979340.28	-0.05	-78.24
227000K2	32 30.47	111 30.10	6099.0	979329.66	0.01	-76.02
227000J0	32 30.53	111 33.11	5614.0	979331.08	0.18	-84.00
22705772	32 30.82	111 28.45	5956.0	979332.48	0.04	-76.44
227000K3	32 30.85	111 30.13	5986.0	979331.13	-0.02	-77.31
3277 7	32 30.89	111 12.50	6690.0	979301.20	0.10	-93.40
22700626	32 30.89	111 16.34	5919.0	979311.82	-0.05	-98.02
227000J1	32 30.92	111 33.08	5681.0	979330.75	-0.05	-83.78
3277 206	32 31.00	111 23.60	5622.0	979335.39	0.23	-80.13
22705769	32 31.19	111 20.75	5663.0	979323.27	-0.11	-92.04
227000K4	32 31.19	111 30.08	5873.0	979332.46	-0.04	-78.68
227000J2	32 31.28	111 33.08	5614.0	979330.52	-0.06	-85.82
22705732	32 31.30	111 38.30	5276.0	979344.05	-0.09	-78.97
22705773	32 31.36	111 24.85	5733.0	979337.53	0.27	-76.27
3277 205	32 31.49	111 27.70	5724.0	979334.40	0.07	-79.95
227000K5	32 31.49	111 29.99	5779.0	979333.12	-0.05	-80.28
22705764	32 31.55	111 11.50	7016.0	979295.96	0.17	-93.10
227000L0	32 31.55	111 27.26	5825.0	979334.20	0.00	-78.32
227000J3	32 31.64	111 33.08	5535.0	979330.80	-0.09	-87.62
22700625	32 31.64	111 17.00	5870.0	979314.23	-0.06	-97.60
227000L1	32 31.73	111 26.99	5688.0	979337.14	0.01	-78.30
22705775	32 31.79	111 22.81	5596.0	979333.81	-0.10	-83.62
227000L2	32 31.85	111 26.57	5636.0	979339.94	0.04	-76.66
227000K6	32 31.87	111 29.90	5678.0	979334.59	-0.07	-81.31
227000L3	32 32.00	111 26.20	5532.0	979343.57	0.05	-75.25
227000J4	32 32.00	111 33.08	5468.0	979331.79	-0.10	-88.43
22705734	32 32.15	111 38.00	5151.0	979344.00	-0.13	-82.66
227000L4	32 32.18	111 25.70	5532.0	979345.83	0.01	-73.28
227000K7	32 32.18	111 29.81	5599.0	979335.92	-0.08	-81.97
22705774	32 32.21	111 21.74	5608.0	979328.27	-0.13	-89.53
227000L5	32 32.30	111 25.31	5547.0	979345.63	-0.05	-73.41
227000J5	32 32.33	111 33.08	5413.0	979333.12	-0.11	-88.64
22705755	32 32.42	111 14.57	6383.0	979311.84	0.03	-90.92
22700624	32 32.47	111 17.66	5825.0	979316.44	-0.07	-97.42
227000L6	32 32.47	111 24.89	5483.0	979347.01	-0.08	-73.54
227000K8	32 32.50	111 29.71	5526.0	979337.81	-0.08	-81.94
227000L7	32 32.60	111 24.52	5486.0	979344.36	-0.09	-76.32

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
22705765	32	32.68	111	9.89	7565.0	979289.15	0.29	-90.59
22700671	32	32.68	111	25.88	5438.0	979347.74	-0.08	-73.98
22705729	32	32.69	111	31.00	5474.0	979335.23	-0.11	-85.82
22705728	32	32.69	111	32.08	5419.0	979334.25	-0.12	-87.89
3277 216	32	32.69	111	33.10	5349.0	979334.06	-0.12	-89.45
227000L8	32	32.75	111	24.16	5517.0	979342.15	-0.10	-78.14
1083002	32	32.80	111	17.99	5804.0	979316.80	-0.07	-97.92
227000K9	32	32.84	111	29.81	5453.0	979339.56	-0.09	-82.09
227000L9	32	32.89	111	23.78	5529.0	979340.58	-0.03	-79.60
22705754	32	32.99	111	16.64	6023.0	979317.33	-0.05	-93.34
22705735	32	32.99	111	37.99	5038.0	979342.58	-0.15	-87.46
22700L10	32	33.01	111	23.39	5532.0	979339.40	-0.10	-80.95
227000J7	32	33.08	111	33.08	5282.0	979336.06	-0.14	-89.31
22700L11	32	33.17	111	23.02	5544.0	979337.78	-0.12	-82.57
22700K10	32	33.19	111	29.92	5401.0	979341.74	-0.06	-81.38
22700623	32	33.23	111	18.35	5779.0	979318.30	-0.08	-97.50
22705753	32	33.29	111	15.61	6203.0	979317.04	-0.01	-90.48
22700L12	32	33.29	111	22.72	5572.0	979335.87	-0.13	-84.11
22700673	32	33.34	111	28.42	5297.0	979346.47	0.70	-78.13
227000J8	32	33.35	111	33.29	5230.0	979337.24	-0.14	-89.52
22700L13	32	33.43	111	22.34	5566.0	979333.32	-0.13	-86.97
22700672	32	33.44	111	27.56	5371.0	979345.98	0.04	-77.96
22700L14	32	33.55	111	21.98	5575.0	979331.30	-0.13	-88.98
22700660	32	33.55	111	23.84	5499.0	979341.76	-0.11	-79.99
22700K11	32	33.56	111	29.99	5343.0	979344.49	-0.05	-80.26
227000J9	32	33.64	111	33.50	5169.0	979338.29	-0.14	-90.06
22705757	32	33.70	111	13.04	6742.0	979306.60	0.10	-90.82
22700L15	32	33.71	111	21.53	5575.0	979329.83	-0.13	-90.67
22705736	32	33.74	111	38.15	4950.0	979344.15	-0.14	-88.62
22700674	32	33.77	111	29.11	5288.0	979348.77	0.33	-76.96
22700L16	32	33.83	111	21.17	5587.0	979328.51	-0.12	-91.91
22705737	32	33.86	111	38.30	4944.0	979345.28	-0.15	-87.78
227000I4	32	33.88	111	39.59	4892.0	979348.76	-0.16	-85.36
22700K12	32	33.91	111	29.99	5307.0	979346.62	-0.07	-79.33
22700J10	32	33.91	111	33.77	5127.0	979339.52	-0.15	-90.03
227000I5	32	33.98	111	39.29	4895.0	979348.42	-0.16	-85.77
22700L17	32	34.00	111	20.75	5605.0	979327.57	-0.12	-92.73
22705730	32	34.07	111	36.11	5002.0	979340.62	-0.16	-91.61
3277 204	32	34.10	111	20.50	5608.0	979326.46	-0.12	-93.91
3277 215	32	34.10	111	37.00	4965.0	979341.16	-0.16	-91.83

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
Data source: Department of Defense

STATION	LATITUDE deg min	LONGITUDE deg min	ELEVATION ft	G R A V I T Y observed	tc	cba
22705758	32 34.15	111 10.49	7513.0	979292.53	0.25	-90.27
22705756	32 34.15	111 11.50	7178.0	979299.59	0.18	-89.83
22700L18	32 34.16	111 20.38	5608.0	979324.58	-0.11	-95.87
22700J11	32 34.19	111 34.00	5087.0	979340.32	-0.14	-90.39
22700K13	32 34.22	111 30.20	5258.0	979348.28	-0.12	-79.10
22700L19	32 34.28	111 19.99	5642.0	979326.20	-0.11	-93.74
22705727	32 34.30	111 30.08	5227.0	979349.34	-0.10	-78.74
227000I6	32 34.36	111 39.29	4880.0	979348.66	-0.17	-86.35
22705726	32 34.40	111 32.09	5166.0	979344.59	-0.15	-84.86
22705725	32 34.40	111 33.10	5115.0	979341.45	-0.14	-88.99
22700L20	32 34.42	111 19.60	5672.0	979325.02	-0.10	-94.52
22700J12	32 34.49	111 34.25	5072.0	979340.42	-0.15	-91.00
22705759	32 34.49	111 8.90	7977.0	979283.41	0.35	-90.67
22700622	32 34.55	111 19.49	5691.0	979324.38	-0.10	-94.96
22700661	32 34.55	111 23.63	5474.0	979342.15	-0.14	-81.48
22700K14	32 34.58	111 29.99	5227.0	979350.70	-0.11	-77.77
3277 6	32 34.70	111 6.80	8669.0	979268.36	0.61	-92.21
22700L11	32 34.75	111 19.60	5678.0	979324.45	-0.10	-95.42
227000I7	32 34.75	111 39.29	4871.0	979348.87	-0.18	-86.87
22700I10	32 34.76	111 38.00	4913.0	979343.67	-0.16	-91.24
227000I9	32 34.76	111 38.42	4898.0	979346.02	-0.15	-89.17
227000I8	32 34.76	111 38.87	4883.0	979347.79	-0.17	-87.72
22700J13	32 34.82	111 34.07	5081.0	979340.94	-0.15	-90.76
22700I11	32 34.90	111 37.24	4919.0	979342.83	-0.16	-92.15
22700K15	32 35.00	111 29.99	5221.0	979351.69	-0.13	-77.49
3277 48	31 27.40	111 26.50	11281.0	979092.51	1.12	-125.29
3277 47	31 29.39	111 32.50	10868.0	979107.41	0.62	-121.65
3277 299	31 32.60	111 33.20	11022.0	979107.89	0.66	-122.42
3277 298	31 36.59	111 36.10	11558.0	979107.75	0.98	-117.10
3277 297	31 36.80	111 31.00	10695.0	979117.68	0.51	-124.83
3277 39	31 37.79	111 25.70	10330.0	979123.08	0.51	-127.91
3277 296	31 40.30	111 34.70	11936.0	979100.88	1.15	-121.38
3277 43	31 44.30	111 29.09	10602.0	979123.50	0.70	-130.73
3277 288	31 44.50	111 39.59	9921.0	979157.69	1.61	-109.24
3097 81	31 46.90	111 37.79	10820.0	979137.13	5.18	-111.86
3277 293	31 47.39	111 27.20	9902.0	979140.18	0.52	-132.11
22500457	31 48.11	111 26.74	9711.0	979143.98	0.47	-133.07
22500459	31 48.89	111 27.20	9726.0	979147.28	0.50	-130.50
22500458	31 48.91	111 26.42	9583.0	979147.68	0.44	-132.99
22500460	31 48.94	111 28.12	9946.0	979145.58	0.60	-127.86

## PRINCIPAL FACTS

Area: Ajo Quadrangle and Papago Indian Reservation  
 Data source: Department of Defense

STATION	LATITUDE		LONGITUDE		ELEVATION ft	G R A V I T Y		
	deg	min	deg	min		observed	tc	cba
22500461	31	48.97	111	28.97	10202.0	979145.58	0.74	-122.75
22500484	31	49.09	111	30.04	10519.0	979144.08	1.04	-117.90
3277 295	31	49.10	111	32.39	11271.0	979130.02	3.18	-115.10
3097 80	31	49.10	111	39.70	9540.0	979165.63	1.40	-115.17
22500462	31	49.43	111	25.97	9424.0	979150.48	0.42	-134.02
22501010	31	52.27	111	29.12	9824.0	979151.68	0.63	-128.61
22501007	31	52.55	111	27.14	9498.0	979153.28	0.47	-133.93
22501006	31	52.64	111	26.26	9309.0	979157.38	0.42	-133.70
22501008	31	52.72	111	28.16	9696.0	979152.08	0.53	-131.43
22501009	31	52.84	111	28.97	9872.0	979150.68	0.61	-129.46
22501005	31	52.87	111	25.12	9156.0	979163.68	0.38	-130.75
22500434	31	53.39	111	29.78	10068.0	979149.38	0.75	-127.52
22501194	31	53.77	111	25.99	9220.0	979162.88	0.41	-131.48
22501011	31	53.87	111	27.23	9577.0	979155.68	0.49	-131.75
22500435	31	54.10	111	29.41	10064.0	979149.98	0.67	-128.04
22501195	31	54.29	111	26.47	9345.0	979160.58	0.44	-132.01
22500436	31	54.91	111	29.12	10092.0	979152.08	0.68	-126.48