

## ELEVATION REFERENCE MONUMENT

**ERM:** 205

**Panel:** 1340

**Elevation (NAVD88):** 4703.98

**Elevation (NGVD29):** 4701.30

**Latitude:** 34°45'58"N

**Longitude:** 112°29'41"W

**Description:** Aerial Mapping Company ½" rebar with aluminum cap, approximately 41 feet southwest of the west end of the first dike south of Road 3 North, approximately 2200 feet north of and approximately 2000 feet east of the southwest corner of Section 17, T16N, R2W

Pt #	NAD83(1992) Latitude Longitude	NAD83(1992) Northing Easting	NAVD88 Elevation	NGVD29 Elevation	Description
14	N 34°43'51.45273" W 112°27'55.60497"	1357832.777 535119.059	4828.254	4825.541	Brass Cap flush with pavement at intersection of Road 2 South and Road 1 West
23	N 34°46'28.06020" W 112°31'08.79354"	1373756.955 519090.534	4812.595	4809.843	General Land Office Brass Cap stamped "T16N, R2W, 12-7-18-13, 1913"; approximately 750 feet south of intersection of Cherokee Drive and Morgan Trail
24	N 34°45'36.30897" W 112°30'05.11412"	1368493.882 524371.957	4790.958	4788.271	General Land Office Brass Cap stamped "T16N, R2W, 18-17-20-19, 1914"; south of 2 North Road, east of intersection of Yuma Drive and Road 2 North
32	N 34°45'37.14975" W 112°28'59.85580"	1368547.689 529816.951	4747.869	4745.189	Brass Cap in Handhole at intersection of Reed Road and Road 2 North
101	N 34°47'49.40096" W 112°28'59.88690"	1381917.377 529889.779	4591.611	4588.760	Town of Chino Valley Brass Cap flush with pavement at intersection of Road 4½ North and Reed Road; stamped "T16N, R2W, ¼, 5¼, 1997, LS13190"
103	N 34°45'35.52750" W 112°30'37.79274"	1368430.870 521645.104	4787.373	4784.660	1" iron pipe with U.S. General Land Office survey brass cap, stamped ¼, S18 19, 1914, approximately 26 feet north of T intersection of two dirt roads centerline, approximately 150 feet west northwest of an intersection of a wash flowline and dirt road centerline
107	N 34°46'32.34832" W 112°32'14.35707"	1374223.750 513624.169	4965.646	4962.887	Brass Cap in concrete (0.81' above ground), approximately 3' southeast of bush and approximately 1.3' west of fence corner, stamped "W.J. CHEEK, 11-12-13-14, 1961, P.E. No. 2398"
124	N 34°44'44.22042" W 112°29'01.09822"	1363197.510 529683.112	4829.854	4827.164	Brass Cap in Handhole at intersection of Reed Road and Center Street
127	N 34°44'41.99734" W 112°31'09.62012"	1363035.163 518957.279	4901.428	4898.685	General Land Office Brass Cap, north of edge of pavement of Center Street, approximately 1 mile west of Yuma Drive
130	N 34°44'43.23824" W 112°29'44.93209"	1363119.070 526024.834	4761.304	4758.614	From Chino Valley at the intersection of Highway 89 and Center Street, travel west 2.3 miles to a dirt road heading south. Station is 40 feet south of Center Street, 50 feet east of southbound dirt road. Station is a ½" rebar with an aluminum cap marked, 14,216.
136	N 34°43'50.62741" W 112°30'05.00983"	1357810.209 524318.515	4863.545	4860.822	General Land Office Brass Cap, approximately 50' southeast of intersection of Road 2 South and Yuma Drive
137	N 34°43'49.45986" W 112°31'09.82754"	1357724.118 518908.134	4875.822	4873.056	General Land Office Brass Cap, approximately 50' south Road 2 South and Yuma Drive and approximately 1 mile west of intersection of Road 2 South and Yuma Drive
138	N 34°43'51.37955" W 112°32'15.46381"	1357951.512 513431.313	5054.462	5051.657	Brass Cap stamped "PE 2398 WJ", approximately 50 north of Road 2 South, approximately 2 miles west of intersection of Road 2 South and Yuma Drive
154	N 34°42'59.06308" W 112°27'54.59126"	1352536.141 535174.781	4899.588	4896.845	Brass Cap flush with pavement at intersection of Road 2 West and Outer Loop Road

Pt #	NAD83(1992) Latitude Longitude	NAD83(1992) Northing Easting	NAVD88 Elevation	NGVD29 Elevation	Description
157	N 34°42'58.41429" W 112°29'00.03257"	1352500.831 529711.762	4912.749	4910.003	General Land Office Brass Cap, approximately 50 feet southwesterly of intersection of Reed Road and Road 2 South
158	N 34°42'57.77625" W 112°30'05.49782"	1352467.606 524246.721	4904.471	4901.718	General Land Office Brass Cap, at intersection of Russland Road and Yuma Drive extended south, approximately 2000 feet east of Table Mountain Road
159	N 34°42'57.08311" W 112°31'09.75203"	1352429.192 518882.708	5215.993	5213.208	General Land Office Brass Cap at intersection of Cowboy Trail extended north and Russland Road extended west, approximately 1950 feet west of intersection of Meadow Lake Drive and Russland Road
160	N 34°42'57.75212" W 112°32'16.17134"	1352530.548 513338.783	5098.175	5095.357	Brass Cap stamped "CHEEK PE 2398" along Dome Road extended east, approximately 3000 feet east of intersection of Dome Road and Williamson Valley Road
161	N 34°42'04.22722" W 112°32'12.43480"	1347117.674 513617.341	5107.477	5104.649	Brass Cap stamped "FAMAS RLS 12005", approximately 400 feet southeast of Williamson Valley Ranch Road, approximately 800 feet south of intersection of Running Iron Drive and Williamson Valley Ranch Road
162	N 34°42'04.70096" W 112°31'08.52320"	1347133.157 518953.583	5003.009	5000.204	Brass Cap stamped "FAMAS RLS 12005", approximately 50 west of Cowboy Trail, approximately 1500 feet north of intersection of Cowboy Trail and Outer Loop Road
164	N 34°47'25.08937" W 112°31'07.23152"	1379521.441 519255.389	4829.200	4826.457	General Land Office Brass Cap approximately 50 feet northwest of intersection of Road 4 North and Cherokee Drive
203	N 34°48'16.65675" W 112°28'49.99702"	1384668.113 530730.002	4555.033	4552.372	Aerial Mapping Company 1/2" rebar with aluminum cap, approximately 31 feet north of Road 5 North centerline, approximately 15 feet north of a barbed wire fence, approximately 315 feet east of wash flowline, on a small hill, approximately 900 feet east of and approximately 50 feet north of the southwest corner of Section 33, T17N, R2W
205	N 34°45'58.10262" W 112°29'40.81685"	1370685.336 526411.757	4703.984	4701.300	Aerial Mapping Company 1/2" rebar with aluminum cap, approximately 41 feet southwest of the west end of the first dike south of Road 3 North, approximately 2200 feet north of and approximately 2000 feet east of the southwest corner of Section 17, T16N, R2W
207	N 34°46'29.16277" W 112°30'04.81159"	1373836.882 524428.289	4707.819	4705.129	U.S. General Land Office Brass Cap at the southeast corner of Section 7, T16N, R2W, approximately 45 feet south of the southeast corner of a high voltage box, approximately 16 feet south of Road 3 North, approximately 605 feet east of a wash flowline