

Map marking information for Pleasant Valley, Arizona [Turf Soaring with Mountains]

Courtesy of Tony Smolder 'TS1'
 Updated 16 February, 2001

Non-Control Point Waypoints are indicated by a *

Latitude range: 31 20.6 to 36 18.0
 Longitude range: -115 56.7 to -107 24.2

File created Thursday, 31 July 2003 at 05:32 GMT

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User assumes all risk of use.

Sectionals required: Albuquerque, El Paso, Las Vegas, Los Angeles, and Phoenix

	Way Point	Latitude	Longitude	Distance	Bearing	Sectional
*	Atascosa Peak	31 26.0	N 111 8.5	W 176	158	
63	Nogales	31 25.0	N 110 51.0	W 184	153	Phoenix
*	Mount Washington	31 22.0	N 110 43.5	W 190	152	
*	Lone Mountain	31 21.3	N 110 22.4	W 201	147	Phoenix
*	Miller Peak	31 23.5	N 110 17.2	W 202	145	
*	Evelyn	31 22.1	N 110 7.5	W 209	143	Phoenix
*	Thompson Aviation	31 26.0	N 110 5.0	W 207	142	Phoenix
*	Fissure Peak	31 27.0	N 109 57.0	W 211	140	
12	Bisbee	31 21.6	N 109 53.2	W 218	140	Phoenix
*	Cochise College	31 22.3	N 109 41.4	W 225	138	Phoenix
13	Bisbee Douglas	31 28.4	N 109 36.8	W 222	136	Phoenix

	Way Point	Latitude	Longitude	Distance	Bearing	Sectional
*	Douglas	31 20.6 N	109 30.4 W	233	136	Phoenix
*	Sells	31 56.0 N	111 53.7 W	131	171	Phoenix
*	Kitt Peak	31 58.0 N	111 36.0 W	132	163	
*	Baboquivari Peak	31 46.5 N	111 36.0 W	145	165	
6	Baboquivari	31 49.0 N	111 27.0 W	145	161	
4	Arivaca	31 34.5 N	111 19.7 W	163	161	
*	Cerro Colorado Mountains	31 43.0 N	111 15.5 W	155	158	
*	Keystone Peak	31 53.0 N	111 12.9 W	146	155	
49	Keystone	31 56.3 N	111 7.4 W	145	153	Phoenix
*	Ruby Star	31 54.5 N	111 7.3 W	146	153	Phoenix
*	Tumacacori Mountains	31 33.4 N	111 7.0 W	169	157	
*	Tubac Flightpark	31 36.9 N	111 2.2 W	167	155	Phoenix
27	Continental	31 50.1 N	110 58.7 W	155	151	Phoenix
*	Mount Wrightson	31 42.0 N	110 50.5 W	167	150	
45	Helvetia Mine	31 54.0 N	110 47.0 W	157	147	
*	Mount Fagan	31 54.0 N	110 43.0 W	159	145	
*	C & L Ranch	31 44.3 N	110 37.6 W	171	146	Phoenix
*	Empire Ranch	31 47.5 N	110 37.6 W	168	145	Phoenix
*	Apache Peak	31 49.7 N	110 25.7 W	173	142	
*	Sierra Vista Muni-Libby AAF	31 35.3 N	110 20.7 W	189	144	Phoenix
*	Whetstone	31 41.0 N	110 17.4 W	186	142	Phoenix
*	Benson	31 57.8 N	110 15.6 W	172	137	Phoenix
90	Tombstone	31 40.1 N	110 1.7 W	196	138	Phoenix
*	Mount Glen	31 57.0 N	109 59.0 W	184	134	
*	Dragoon Mountains	31 51.0 N	109 56.0 W	191	134	
67	Pearce	31 54.5 N	109 49.0 W	193	132	
*	Tribal Air	31 36.1 N	109 39.1 W	214	134	Phoenix
34	Elfrida	31 41.3 N	109 36.0 W	212	133	
*	Swisshelm Mountain	31 40.8 N	109 31.8 W	216	132	
*	Circle H Ranch	31 30.1 N	109 23.5 W	230	133	El Paso
*	Chiricahua Peak	31 51.0 N	109 17.0 W	219	127	
*	Rodeo	31 57.0 N	109 2.5 W	226	124	Phoenix
*	Playas Air	31 56.2 N	108 32.2 W	251	120	El Paso
*	Ajo	32 27.0 N	112 52.0 W	100	201	Phoenix
*	South Mountain	32 0.5 N	112 8.4 W	124	177	
*	Gu Achi Peak	32 21.0 N	111 52.0 W	103	167	
*	South Comobabi Mountains	32 2.2 N	111 48.8 W	125	168	
*	Mount Devine	32 8.0 N	111 48.3 W	118	167	
*	Solo Peak	32 30.0 N	111 40.0 W	96	159	
51	Kitt Peak	32 1.0 N	111 34.0 W	130	162	
72	Ragged Top	32 28.6 N	111 32.6 W	100	156	

	Way Point	Latitude	Longitude	Distance	Bearing	Sectional
*	Coyote Mountains	32 0.5 N	111 31.8 W	131	161	
*	Silver Bell Peak	32 24.8 N	111 29.2 W	106	155	
*	Waterman Peak	32 21.0 N	111 28.5 W	110	156	
85	Silver Bell	32 22.0 N	111 28.0 W	109	155	
*	Martina Mountain	32 3.8 N	111 26.6 W	129	159	Phoenix
35	El Tiro	32 25.7 N	111 23.6 W	107	152	
*	Recortado Mountain	32 10.5 N	111 22.7 W	123	156	
*	The Strip	32 17.7 N	111 20.7 W	117	153	Phoenix
*	Taylor	32 18.1 N	111 19.4 W	117	152	Phoenix
89	Taylor	32 17.8 N	111 19.2 W	117	152	Phoenix
75	Robles Junction	32 4.3 N	111 18.9 W	131	155	
*	Marana Northwest	32 24.6 N	111 13.1 W	113	148	Phoenix
76	Ryan	32 9.0 N	111 10.0 W	130	151	Phoenix
*	Wasson Peak	32 16.5 N	111 8.5 W	124	148	
*	Black Mountain	32 5.5 N	111 3.0 W	137	149	
52	La Cholla	32 27.1 N	110 59.8 W	118	142	Phoenix
*	Tucson	32 7.0 N	110 56.5 W	139	147	Phoenix
*	Davis-Monthan AFB	32 10.0 N	110 53.0 W	138	145	Phoenix
*	Mount Kimball	32 23.5 N	110 50.2 W	127	140	
*	Mount Lemmon Radome	32 26.2 N	110 46.5 W	127	137	
*	Showers Point Towers	32 25.0 N	110 42.6 W	131	137	
*	Tanque Verde Peak	32 12.0 N	110 37.5 W	145	139	
*	Mica Mountain	32 13.0 N	110 32.5 W	148	137	
*	Rincon Peak	32 7.3 N	110 31.0 W	154	139	
*	Forest Hill	32 8.0 N	110 25.5 W	157	137	
21	Cascabel	32 18.0 N	110 22.0 W	151	133	Phoenix
11	Benson	32 0.0 N	110 21.8 W	166	138	Phoenix
*	Mae West Peaks	32 6.0 N	110 7.5 W	170	133	
*	Reily Peak	32 23.5 N	110 6.2 W	158	128	
*	Musk Hog Mountain	32 19.5 N	110 4.0 W	163	128	
3	Ammon	32 1.5 N	109 57.5 W	181	132	Albuquerque
*	Westchester Farm	32 22.6 N	109 56.2 W	166	126	Phoenix
98	Willcox	32 15.0 N	109 53.0 W	174	127	Phoenix
*	Greasewood Mountain	32 29.5 N	109 46.6 W	169	122	
*	Leroy	32 6.8 N	109 45.7 W	186	128	Phoenix
*	Dos Cabezas Peaks	32 13.7 N	109 36.3 W	188	125	
17	Bowie	32 20.0 N	109 28.0 W	191	121	Phoenix
*	Cochise Head	32 4.0 N	109 17.5 W	209	124	
81	San Simon	32 16.0 N	109 14.0 W	204	120	
*	Peloncillo Mountains	32 22.6 N	109 3.4 W	210	117	
86	Steins	32 13.5 N	108 59.0 W	218	119	

	Way Point	Latitude	Longitude	Distance	Bearing	Sectional
55	Lordsburg	32 20.0	N 108 41.0	W 230	115	Albuquerque
*	Luna Landing	32 6.0	N 107 49.4	W 282	113	Albuquerque
32	Deming	32 15.7	N 107 43.2	W 283	111	Albuquerque
*	Allen's	32 14.0	N 107 43.0	W 284	111	Albuquerque
*	Solo Ranch	32 15.8	N 107 24.2	W 300	109	Albuquerque
*	Laguna AAF	32 51.6	N 114 23.8	W 140	243	Phoenix
60	Mohawk Pass	32 43.5	N 113 44.0	W 114	229	
31	Dateland	32 49.0	N 113 32.0	W 101	228	Phoenix
*	Morton Field	32 48.4	N 113 30.4	W 100	227	Phoenix
84	Sentinel	32 51.0	N 113 12.0	W 86	220	
65	Paloma	32 54.0	N 112 54.0	W 73	211	Phoenix
*	Gila Bend Af Aux	32 53.3	N 112 43.2	W 69	203	Phoenix
40	Gila Bend	32 57.4	N 112 41.0	W 64	203	Phoenix
*	South Maricopa Mountains	32 57.0	N 112 23.0	W 60	187	
*	Maricopa Peak	32 45.5	N 112 22.5	W 73	186	
*	Flying Bucket Ranch	32 58.9	N 112 17.2	W 57	182	Phoenix
*	Serene	32 59.8	N 112 16.3	W 56	181	Phoenix
*	Walter Ranch	32 53.7	N 112 15.2	W 63	180	Phoenix
114	G.M. Ranch	32 54.0	N 112 14.0	W 62	179	Phoenix
88	Table Top	32 50.1	N 112 8.5	W 67	175	
*	Donnelly Residence	32 53.2	N 112 7.8	W 64	174	Phoenix
*	Tabletop Mountain	32 45.0	N 112 7.0	W 73	174	
2	Ak Chin	32 59.3	N 112 1.6	W 58	167	Phoenix
*	Carranza Farm	32 50.8	N 111 57.0	W 68	165	Phoenix
68	Potters	32 52.0	N 111 57.0	W 67	165	Phoenix
54	Lake St. Clair	32 39.1	N 111 56.8	W 82	168	
15	Bon	32 59.8	N 111 55.0	W 59	161	Phoenix
*	Prieta Peak	32 33.0	N 111 53.0	W 89	166	
23	Chuichu	32 45.0	N 111 46.6	W 78	159	
20	Casa Grande	32 57.3	N 111 46.4	W 65	155	Phoenix
145	Three Points	32 54.5	N 111 45.4	W 68	155	
8	Bakers Acres	32 34.0	N 111 43.6	W 91	160	
*	Casa Grande Mountain	32 49.0	N 111 42.5	W 75	155	
*	Eloy	32 48.4	N 111 35.2	W 79	151	Phoenix
33	Eds Field	32 40.8	N 111 30.0	W 89	151	Phoenix
*	Sarita	32 56.1	N 111 29.1	W 75	143	Phoenix
26	Connors	32 34.5	N 111 27.1	W 97	151	
*	Valley Farms	32 59.6	N 111 27.1	W 73	140	Phoenix
*	Newman Peak Ranch	32 44.2	N 111 26.9	W 87	148	Phoenix
142	Sasco	32 33.0	N 111 26.5	W 98	151	
28	Coolidge	32 55.6	N 111 25.4	W 77	142	Phoenix

	Way Point	Latitude	Longitude	Distance	Bearing	Sectional
*	Cerro Prieto	32 31.6	N 111 25.2	W 100	151	
*	Picacho Peak	32 38.7	N 111 24.5	W 94	148	
*	Newman Peak	32 43.3	N 111 24.0	W 89	146	
58	Marana	32 30.5	N 111 19.0	W 105	149	Phoenix
*	Twin Hawks	32 31.7	N 111 11.8	W 107	145	Phoenix
*	Tortolita Mountains	32 31.5	N 111 2.7	W 113	141	
*	Black Mountain	32 47.0	N 110 57.5	W 103	133	
135	Oracle Junction	32 34.0	N 110 56.0	W 115	138	
53	Little Hills	32 35.0	N 110 51.0	W 117	136	Phoenix
*	Marble Peak	32 31.2	N 110 45.0	W 124	135	
24	Central Arizona College	32 51.0	N 110 42.0	W 111	126	
80	San Manuel	32 38.3	N 110 38.2	W 123	130	Phoenix
*	Kennedy Peak	32 38.4	N 110 18.5	W 138	125	
22	China Peak	32 43.8	N 110 17.8	W 135	123	Phoenix
*	Bassett Peak	32 30.5	N 110 16.6	W 145	128	
*	Stanley Butte	32 52.2	N 110 13.4	W 134	118	
*	Blue Jay Peak	32 44.0	N 110 1.5	W 148	119	
39	Fort Grant	32 36.0	N 109 57.3	W 157	121	
*	Flying J Ranch	32 50.9	N 109 52.9	W 152	115	Phoenix
*	Mount Graham	32 42.0	N 109 52.3	W 157	118	
*	Ladybug Peak	32 37.5	N 109 49.0	W 163	119	
*	High Mesa	32 45.7	N 109 39.2	W 166	115	Phoenix
77	Safford	32 51.0	N 109 38.0	W 165	113	Phoenix
44	Greenlee Co.	32 57.0	N 109 13.0	W 185	108	Phoenix
*	Turner Ridgeport	32 44.5	N 108 17.3	W 240	107	Albuquerque
*	Whiskey Creek	32 45.7	N 108 12.5	W 244	106	Albuquerque
43	Grant Co.	32 38.2	N 108 10.0	W 249	108	Albuquerque
*	Casas Adobes	32 48.8	N 107 56.4	W 258	104	Albuquerque
*	Signal Peak	33 22.0	N 114 4.5	W 109	254	
*	Kofa Wildlife Refuge	33 25.0	N 113 58.0	W 102	255	
*	Eagletail Mountains	33 29.0	N 113 24.0	W 70	252	
*	Eagletail Peak	33 24.5	N 113 18.0	W 66	246	
*	Saddle Mountain	33 26.5	N 113 2.0	W 52	241	
*	Mauldin	33 28.9	N 113 0.1	W 49	243	Phoenix
*	Gila Bend Mountains	33 10.0	N 112 53.0	W 57	220	
136	Palo Verde	33 23.0	N 112 51.0	W 45	230	
*	Watts	33 24.8	N 112 50.0	W 43	231	Phoenix
41	Gila Compressor	33 15.0	N 112 48.1	W 50	220	Phoenix
*	Buckeye	33 25.3	N 112 41.2	W 36	224	Phoenix
19	Buckeye Pierce	33 21.4	N 112 37.2	W 38	215	Phoenix
94	Turnbow	33 0.9	N 112 24.0	W 55	189	

	Way Point	Latitude	Longitude	Distance	Bearing	Sectional
*	Phoenix Goodyear	33 25.4	N 112 22.6	W 27	195	Phoenix
*	Mel's Ranch	33 0.7	N 112 16.9	W 55	182	Phoenix
*	Schu Ranch	33 1.0	N 112 16.9	W 54	182	Phoenix
*	Sierra Estrella	33 16.7	N 112 16.7	W 36	183	Phoenix
59	Mobile	33 6.8	N 112 16.5	W 48	182	Phoenix
*	Montezuma Peak	33 11.5	N 112 11.5	W 42	175	Phoenix
*	Paradise	33 24.7	N 112 10.9	W 27	172	Phoenix
36	Estrella	33 5.3	N 112 9.8	W 50	174	Phoenix
*	Millar	33 3.2	N 112 8.7	W 52	173	Phoenix
*	Boulais Ranch	33 4.7	N 112 7.7	W 51	172	Phoenix
*	Hangar Haciendas	33 21.2	N 112 7.6	W 32	167	Phoenix
*	South Mountain Towers	33 20.0	N 112 3.5	W 34	161	Phoenix
*	Phoenix Sky Harbor	33 26.1	N 112 0.5	W 29	151	Phoenix
*	U of A Maricopa Ag Center	33 4.8	N 111 59.0	W 52	163	Phoenix
*	Papago AAF	33 28.3	N 111 57.8	W 28	144	Los Angeles
*	Stellar	33 17.9	N 111 54.9	W 40	151	Phoenix
*	Memorial	33 14.6	N 111 54.8	W 43	153	Phoenix
*	Chandler	33 16.1	N 111 48.7	W 45	145	Phoenix
*	Falcon Field	33 27.6	N 111 43.7	W 38	128	Phoenix
*	Santan Mountains	33 11.0	N 111 42.0	W 53	143	Phoenix
*	Sacaton Peak	33 0.5	N 111 40.0	W 64	148	Phoenix
*	Williams Gateway	33 18.5	N 111 39.3	W 48	135	Phoenix
*	Pegasus	33 12.8	N 111 37.0	W 55	138	Phoenix
*	Ray Schnepf Ranch	33 13.5	N 111 35.6	W 55	136	Phoenix
87	Supertor	33 17.0	N 111 7.0	W 75	119	Phoenix
48	Kearney	33 3.0	N 110 54.0	W 94	123	Phoenix
*	San Carlos Apache	33 21.2	N 110 40.0	W 96	108	Phoenix
79	San Carlos	33 22.0	N 110 28.0	W 107	106	Phoenix
*	Mount Turnbull	33 4.5	N 110 15.0	W 126	113	Phoenix
*	Regeneration	33 2.0	N 109 59.2	W 141	112	Phoenix
*	Glenwood-Catron County	33 21.2	N 108 52.0	W 197	98	Albuquerque
*	Whitewater Mesa Ranch	33 21.8	N 108 51.8	W 197	98	Albuquerque
106	Chiriaco Summit	33 39.8	N 115 43.0	W 199	268	Los Angeles
*	Julian Hinds Pump Plant	33 41.9	N 115 38.2	W 195	269	Los Angeles
*	Desert Center	33 44.9	N 115 19.4	W 176	270	Los Angeles
102	Blythe	33 37.0	N 114 42.8	W 142	265	Phoenix
*	W R Byron	33 40.8	N 114 38.6	W 138	267	Phoenix
*	Cyr Aviation	33 35.5	N 114 36.3	W 136	264	Phoenix
111	Ehrenberg	33 36.4	N 114 31.8	W 132	265	Phoenix
*	Aha-Quin	33 52.2	N 114 31.6	W 131	273	Phoenix
*	Dome Rock	33 34.5	N 114 21.0	W 122	263	Phoenix

	Way Point	Latitude	Longitude	Distance	Bearing	Sectional
*	Middle Camp Mountain	33 40.5	114 20.0	120	266	
71	Quartzsite	33 40.0	114 13.0	113	266	Phoenix
*	New Water Mountain	33 36.0	114 1.5	103	263	
18	Brenda Junction	33 39.8	114 1.2	102	265	
16	Bouse	33 55.0	113 59.0	100	275	
118	Hope	33 43.4	113 42.2	84	267	
*	Salome Outback	33 46.7	113 38.5	80	269	Phoenix
*	Harcuvar Peak	33 55.0	113 38.0	80	276	
78	Salome	33 46.6	113 37.3	79	269	
121	Indian Hills	33 45.6	113 36.8	78	268	Phoenix
149	Wenden	33 49.4	113 32.5	74	271	
*	Harcuvar Mountains	34 0.0	113 30.0	73	281	
117	Harquahala Peak	33 48.3	113 21.2	63	270	
*	East Harquahala Mountains	33 52.0	113 13.5	56	275	
*	Hillair Dirt	33 55.2	113 11.4	54	279	Phoenix
141	Sampley's	33 55.7	113 10.9	54	279	Phoenix
1	Aguila	33 54.8	113 10.1	53	278	Phoenix
47	1-10 Intersection	33 32.3	113 9.9	56	251	
*	Big Horn Peak	33 37.0	113 9.0	53	256	
*	Big Horn Mountains	33 33.0	113 5.0	51	250	
*	Black Butte	33 50.5	113 1.0	44	274	
38	Forepaugh	33 57.0	113 0.0	44	283	Phoenix
*	Tonopah	33 32.0	112 57.6	45	246	Phoenix
148	Vulture Mine	33 49.0	112 50.0	33	272	
96	Wickenburg	33 57.9	112 48.4	34	289	Phoenix
*	Vulture Peak	33 53.0	112 47.7	32	280	
10	Bell Road	33 38.0	112 46.5	32	249	
140	Rio Vista Hills	33 57.0	112 41.0	27	292	Phoenix
73	Ranta Strip	33 51.2	112 39.5	24	278	Phoenix
57	Luke #4	33 44.5	112 38.3	23	259	
139	Rancho Loma	33 52.5	112 37.9	22	283	
105	Castle Wells	33 51.6	112 35.7	20	281	Phoenix
*	Roesner Ranch	33 50.9	112 35.3	20	279	Phoenix
150	White Tanks	33 35.0	112 35.0	24	232	
108	Circle City	33 49.5	112 34.0	18	275	
129	Luke #1	33 43.2	112 32.4	18	251	
*	Red Picacho	33 58.0	112 30.8	19	307	
107	Chrysler Track	33 49.5	112 30.0	14	276	
*	Buckhorn Mountains	33 59.5	112 29.0	19	314	
*	Coyner	33 30.3	112 28.4	24	212	Phoenix
74	Red Mine	33 54.8	112 28.0	15	301	

	Way Point	Latitude	Longitude	Distance	Bearing	Sectional
9	Bean	33 46.6 N	112 25.7 W	10	259	
56	Luke #2	33 42.1 N	112 25.4 W	12	235	
*	Black Butte	33 47.6 N	112 23.2 W	7	265	
*	Luke AFB	33 32.1 N	112 23.0 W	20	202	Phoenix
*	Harts Field	33 41.9 N	112 22.1 W	10	223	Phoenix
104	Castle Hot Springs	33 59.0 N	112 22.0 W	14	332	
109	Clementine Mine	33 46.8 N	112 20.7 W	5	252	Phoenix
*	El Mirage-Village Square	33 36.8 N	112 20.1 W	14	200	Phoenix
144	Sun City Sub-Station	33 42.0 N	112 19.0 W	8	208	
93	Turf North	33 57.2 N	112 18.6 W	11	342	
*	Glendale	33 31.6 N	112 17.7 W	19	188	Phoenix
128	Lake Pleasant	33 50.9 N	112 16.5 W	3	335	
92	Turf	33 48.3 N	112 15.0 W			
*	Airscrew Performance Flightpark	33 31.8 N	112 13.0 W	19	174	Phoenix
*	McGill's Field	33 41.1 N	112 9.8 W	9	149	Phoenix
62	New River	33 54.3 N	112 8.8 W	9	40	Phoenix
*	Daisy Mountain	33 53.3 N	112 6.2 W	10	55	
*	Phoenix-Deer Valley	33 41.3 N	112 5.0 W	13	130	Phoenix
*	New River Mountains	33 59.6 N	112 1.5 W	18	45	
*	Squaw Peak	33 33.0 N	112 1.0 W	22	143	
*	Camelback Mountain	33 31.0 N	111 57.5 W	26	140	
*	Scottsdale	33 37.4 N	111 54.6 W	23	123	Phoenix
103	Carefree	33 49.0 N	111 54.0 W	20	87	Phoenix
*	North McDowell Mountains	33 41.0 N	111 48.0 W	27	108	
119	Humbolt Peak	33 58.9 N	111 47.8 W	29	65	
101	Bartlett Dam	33 49.0 N	111 38.0 W	35	88	
*	Goldfield Ranch	33 36.0 N	111 36.3 W	40	111	Phoenix
133	Mount Ord	33 54.0 N	111 25.0 W	48	82	
122	Jakes Corner	33 57.8 N	111 19.3 W	54	78	
113	Four Peaks	33 41.0 N	111 19.0 W	54	99	
*	Grapevine	33 38.4 N	111 3.4 W	70	99	Phoenix
*	Sierra Ancha	33 48.5 N	110 54.0 W	78	89	
*	Whiteriver	33 48.8 N	109 59.2 W	130	89	Phoenix
*	Mount Baldy	33 54.5 N	109 33.5 W	155	87	
*	Escudilla Mountain	33 57.0 N	109 7.0 W	180	86	
*	Reserve	33 42.0 N	108 51.0 W	195	91	Albuquerque
*	Negrito	33 31.3 N	108 32.6 W	214	94	Albuquerque
*	Twentynine Palms	34 7.9 N	115 56.7 W	213	277	Los Angeles
*	Iron Mountain Pumping Plant	34 8.1 N	115 7.1 W	166	279	Los Angeles
*	Whipple Mountains	34 19.0 N	114 24.5 W	128	287	
*	Avi Suquilla	34 9.0 N	114 16.3 W	118	282	Phoenix

	Way Point	Latitude	Longitude	Distance	Bearing	Sectional
137	Parker	34 10.0	114 15.0	117	283	
*	Gene Wash Reservoir	34 18.5	114 11.2	116	288	Los Angeles
100	Alamo Lake	34 14.0	113 36.0	83	291	
*	Arrastra Mountain	34 25.0	113 23.0	77	303	
*	Smith Peak	34 4.0	113 21.5	66	286	
*	Flying Dare's Ranch	34 0.7	113 12.2	56	285	Phoenix
*	Tres Alamos	34 15.0	113 10.6	61	300	
30	Date Creek	34 12.5	113 3.7	54	301	
25	Congress	34 7.4	112 55.1	44	300	
46	Hillside	34 25.0	112 55.0	57	318	
*	Moreton	34 1.2	112 49.5	36	294	
*	Weaver Peak	34 19.5	112 49.0	48	318	
152	Yarnell	34 13.0	112 45.0	40	315	
*	Date Creek Mountains	34 13.5	112 45.0	41	316	
*	Silver Mountain	34 8.3	112 44.3	36	310	
125	Kirkland	34 23.7	112 40.9	48	329	
*	Antelope Peak	34 13.5	112 40.5	38	320	
110	Cooper Ranch	34 13.0	112 32.0	33	330	Phoenix
*	Mount Francis	34 29.3	112 31.9	50	341	
134	Mount Union	34 25.0	112 24.0	43	349	
146	Towers Mountain	34 14.0	112 22.0	30	347	
*	Horse Thief Basin	34 9.8	112 16.0	25	358	
*	Cordes	34 18.3	112 9.9	35	8	Phoenix
14	Black Canyon	34 4.5	112 8.4	20	19	
29	Cordes Junction	34 19.9	112 7.6	37	11	
64	Orme School	34 25.0	112 4.0	44	14	Phoenix
*	Squaw Mountain	34 3.8	111 59.0	24	40	
*	Pine Mountain	34 18.0	111 57.5	38	26	
*	Turret Peak	34 11.0	111 54.0	33	37	
*	Squaw Peak	34 28.1	111 52.6	51	25	
131	Mazatzal Peak	34 4.0	111 28.0	48	68	
138	Payson	34 15.0	111 20.0	61	59	Phoenix
*	Breadpan Mountain	34 4.0	111 9.0	66	74	
*	Pleasant Valley	34 9.5	110 56.1	79	72	Phoenix
*	Mogollon	34 23.8	110 31.8	107	67	Phoenix
*	Cibecue	34 0.2	110 26.6	104	82	Phoenix
*	Taylor	34 27.2	110 6.9	130	69	Phoenix
*	Show Low	34 15.9	110 0.3	132	75	Phoenix
*	White Mountain Lake	34 21.1	109 58.2	136	73	Phoenix
*	Greens Peak	34 6.5	109 34.0	155	81	
*	Springerville Babbitt	34 7.7	109 18.7	170	82	Phoenix

	Way Point	Latitude	Longitude	Distance	Bearing	Sectional
*	Dick Taylor	34 52.9 N	115 44.0 W	212	292	Phoenix
*	Danby	34 33.3 N	115 21.4 W	185	287	Los Angeles
*	Camino	34 50.1 N	114 57.4 W	170	296	Los Angeles
*	Needles	34 46.0 N	114 37.4 W	151	297	Phoenix
*	Eagle	34 53.3 N	114 37.0 W	154	300	Phoenix
*	Chemehuevi Valley	34 31.7 N	114 25.9 W	134	292	Phoenix
126	Lake Havasu	34 35.0 N	114 20.0 W	131	295	Phoenix
*	Crossman Peak	34 33.0 N	114 11.0 W	122	296	Phoenix
112	Ford Motor	34 53.0 N	114 7.0 W	130	306	Phoenix
*	Sergio	34 48.0 N	114 6.8 W	127	303	Phoenix
*	Wabayuma Peak	34 58.0 N	113 57.0 W	126	310	Phoenix
*	Granite Peak	34 46.5 N	113 51.5 W	114	307	Phoenix
*	Pine Peak	34 52.5 N	113 51.3 W	118	309	Phoenix
97	Wikieup	34 42.0 N	113 37.0 W	100	309	Phoenix
*	Parsons	34 59.9 N	113 27.7 W	108	320	Phoenix
*	Mohon Peak	34 57.0 N	113 18.0 W	99	323	Phoenix
7	Bagdad	34 35.3 N	113 10.0 W	75	316	Phoenix
*	Mount Hope	34 56.5 N	113 7.0 W	93	328	Phoenix
*	Cypress Mountain	34 40.3 N	113 1.6 W	75	324	Phoenix
153	Yolo Ranch	34 47.7 N	112 58.6 W	80	329	Phoenix
*	Hyde Mountain Fire Tower	34 50.0 N	112 55.0 W	81	332	Phoenix
*	Martin Mountain	34 31.5 N	112 46.2 W	58	329	Phoenix
70	Quarter Circle J	34 30.8 N	112 40.5 W	55	334	Phoenix
*	West Spruce Mountain	34 32.6 N	112 35.0 W	54	340	Phoenix
*	Granite Mountain	34 38.0 N	112 33.0 W	60	343	Phoenix
115	Granite Mountain	34 38.0 N	112 33.0 W	60	343	Phoenix
*	HH Ranch	34 46.0 N	112 32.9 W	69	346	Phoenix
*	Big Spring Ranch	34 54.6 N	112 32.0 W	78	348	Phoenix
*	Pilots Rest	34 55.9 N	112 30.8 W	79	349	Phoenix
66	Paulden	34 54.0 N	112 27.0 W	77	352	Phoenix
*	Robin	34 44.7 N	112 26.7 W	66	350	Phoenix
69	Prescott	34 39.0 N	112 25.0 W	59	351	Phoenix
*	Mount Elliott	34 30.6 N	112 20.1 W	49	354	Phoenix
*	Bar Heart Ranch	34 58.8 N	112 17.8 W	81	358	Phoenix
*	Coyote Run	34 41.0 N	112 17.5 W	61	358	Phoenix
*	Woodchute Mountain	34 45.0 N	112 10.0 W	66	4	Phoenix
132	Mingus Mountain	34 42.0 N	112 7.0 W	62	7	Phoenix
*	Cottonwood	34 43.8 N	112 2.1 W	65	11	Phoenix
*	Solair Estates	34 42.6 N	111 53.7 W	66	18	Phoenix
61	Montezuma	34 36.6 N	111 51.9 W	60	21	Phoenix
*	Rimrock	34 39.1 N	111 47.3 W	64	24	Phoenix

	Way Point	Latitude	Longitude	Distance	Bearing	Sectional
82	Sedona	34 51.0 N	111 47.0 W	77	20	Phoenix
*	Steamboat Rock	34 55.0 N	111 45.5 W	82	20	
*	Apache Maid Mountain	34 43.5 N	111 32.5 W	75	32	
*	Hutch Mountain	34 48.0 N	111 23.0 W	85	35	
130	Macks Crossing	34 41.2 N	111 0.8 W	93	49	Phoenix
*	Holbrook	34 56.3 N	110 8.4 W	144	56	Los Angeles
*	Conner	35 5.8 N	115 13.2 W	191	299	Phoenix
*	Hart Mine	35 17.0 N	115 11.5 W	196	302	Phoenix
143	Searchlight	35 26.0 N	114 54.0 W	188	308	Phoenix
*	Kidwell	35 18.3 N	114 53.0 W	182	305	Phoenix
*	Sun Valley	35 0.8 N	114 33.8 W	156	303	Phoenix
127	Laughlin	35 10.0 N	114 33.0 W	161	306	Phoenix
*	Willow Springs Ranch	35 17.7 N	114 22.4 W	159	311	Phoenix
*	Mount Nutt	35 5.0 N	114 20.5 W	148	307	
*	Cherum Peak	35 24.0 N	114 8.0 W	154	316	Phoenix
50	Kingman	35 15.0 N	113 57.0 W	139	316	
*	Hualapai Peak	35 3.5 N	113 53.5 W	127	313	
*	X Bar 1 Ranch (Lower)	35 20.9 N	113 41.3 W	134	323	Phoenix
91	Trans West	35 12.0 N	113 23.0 W	116	327	
*	X-1 Ranch Upper Headquarters	35 23.0 N	113 18.0 W	124	332	Phoenix
*	Cross Mountain	35 9.5 N	113 15.0 W	110	329	
*	Black Mountain	35 19.0 N	113 6.0 W	115	335	
124	Juniper	35 0.5 N	113 2.0 W	94	332	
83	Seligman	35 20.0 N	112 53.0 W	112	341	Phoenix
*	Picacho Butte	35 14.0 N	112 44.0 W	102	345	
*	Mount Floyd	35 24.0 N	112 43.5 W	114	346	
5	Ashfork	35 13.5 N	112 29.0 W	99	352	
*	Bill Williams Mountain	35 12.0 N	112 12.0 W	96	2	
99	Williams	35 17.5 N	112 11.5 W	103	2	Phoenix
*	Sitgraves Mountain	35 21.0 N	112 0.5 W	108	7	
*	Sunrise Ranch	35 14.3 N	111 56.1 W	101	10	Phoenix
*	Kendrick Peak	35 25.5 N	111 50.0 W	114	12	
120	Humphreys Peak	35 21.0 N	111 40.0 W	112	17	
37	Flagstaff	35 8.0 N	111 40.0 W	98	20	Phoenix
151	Winslow	35 1.3 N	110 43.0 W	121	46	Phoenix
*	Heritage	35 46.5 N	115 37.9 W	235	306	Los Angeles
*	Sky Ranch	35 47.7 N	115 37.6 W	236	307	Las Vegas
123	Jean	35 46.0 N	115 20.0 W	221	309	Las Vegas
*	Henderson	35 58.6 N	115 8.0 W	222	313	Las Vegas
*	Boulder City	35 56.8 N	114 51.7 W	209	316	Las Vegas
*	Triangle	35 42.9 N	114 28.9 W	183	317	Phoenix

	Way Point	Latitude	Longitude	Distance	Bearing	Sectional
*	Mount Tipton	35 32.0	N 114 11.0	W 162	318	
*	Grand Canyon West	35 59.5	N 113 49.0	W 175	330	Las Vegas
*	Hualapai	35 34.3	N 113 17.5	W 136	334	Las Vegas
116	Grand Canyon Caverns	35 31.0	N 113 15.0	W 131	335	Phoenix
95	Valle	35 39.0	N 112 9.0	W 128	3	Phoenix
*	Grand Canyon National Park	35 57.1	N 112 8.8	W 149	2	Las Vegas
*	McCarran	36 4.8	N 115 9.1	W 227	315	Las Vegas
*	Voc Tech	36 4.7	N 115 4.1	W 224	315	Las Vegas
*	Temple Bar	36 1.2	N 114 20.1	W 193	323	Las Vegas
*	Pearce Ferry	36 5.6	N 114 2.8	W 188	328	Las Vegas
*	Tuweep	36 18.0	N 113 4.1	W 179	345	Las Vegas
*	The Ranch	36 0.6	N 112 17.5	W 152	359	Las Vegas
42	Grand Canyon	36 4.0	N 112 9.0	W 156	2	
*	Tuba City	36 5.6	N 111 23.0	W 166	17	Las Vegas
147	Tuba City	36 8.0	N 111 14.0	W 171	19	