



USGS
science for a changing world

Alamo Lake

ARIZONA

1:100 000-scale metric topographic map

30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names

GEOLOGICAL SURVEY

1979

Produced by the United States Geological Survey
 Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1966-1967. Planimetry revised from aerial photographs taken 1973 and other source data. Revised information not field checked. Map edited 1979.

North American Datum of 1927 (NAD 27). Projection and 10 000-meter-grid: Universal Transverse Mercator, zone 12. 25 000-foot ticks: Arizona coordinate system west of central zone.

The values of the shift between NAD 27 and North American Datum of 1983 (NAD 83) for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software.

There may be private subdivisions within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 50 METERS
 SUPPLEMENTARY CONTOUR INTERVAL 10 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25586, DENVER, COLORADO, 80225

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	1983	1983	1	2	3
1	3.2808	11° 31'	11° 31'	1	2	3
2	6.5617	11° 31'	11° 31'	4	5	6
3	9.8425	11° 31'	11° 31'	7	8	9
4	13.1234	11° 31'	11° 31'	10	11	12
5	16.4042	11° 31'	11° 31'	13	14	15
6	19.6850	11° 31'	11° 31'	16	17	18
7	22.9659	11° 31'	11° 31'	19	20	21
8	26.2467	11° 31'	11° 31'	22	23	24
9	29.5275	11° 31'	11° 31'	25	26	27
10	32.8084	11° 31'	11° 31'	28	29	30

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048

UTM grid convergence (60° and 90° magnetic declination) at center of map Diagram is approximate

Symbol	Description
1	Needle
2	Bagfold
3	Breakout
4	Parker
5	Breakdown Mix
6	Hydrate
7	Salvage
8	Phoenix North

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 HISTORICAL MAP ARCHIVES

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Topographic Map Symbols

Primary highway, hard surface	Secondary highway, hard surface	Light city road, principal street, hard or improved surface	Other road or street, trail
Route marker: Interstate, U. S. State	Railroad: standard gage, narrow gage	Bridge: overpass, underpass	Tunnel: road, railroad
Built up area, locality, elevation	Airport: landing field, landing strip	National boundary	State boundary
County boundary	National or State reservation boundary	Land grant boundary	U. S. public lands survey: range, township; section
Range, township; section line: protracted	Power transmission line; pipeline	Dam: dam with lock	Cemetery; building
Windmill; water well; spring	Mine shaft; adit or cave; mine, quarry; gravel pit	Campground; picnic area; U. S. location monument	Rail; cliff dwelling
Distorted surface: strip mine, lava, sand	Contours: index; intermediate; supplementary	Bathymetric contours: index; intermediate	Stream: lake, perennial; intermittent
Swamp, lake, pond; marsh, swamp	Area to be submerged; marsh, swamp	Land subject to controlled inundation: wooded	Scrub; mangrove
Orchard; vineyard			