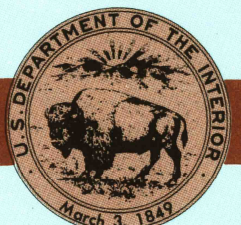




- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1942-1980. Planimetry revised from aerial photographs taken 1987 and other source data. Revised information not field checked. Map edited 1989.

Projection and 10 000-meter grid, zone 10 Universal Transverse Mercator. 25 000-foot grid ticks based on California coordinate system, zones 5 and 4, 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 7 meters north and 89 meters east. There may be private inholdings within the boundaries of the National or State reservations shown on this map. Where omitted, land lines have not been established.

CONTOUR INTERVAL 50 METERS

NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS				
Meters	Feet			1	2	3	4	5
1	3.2808		UTM grid convergence (km) and 180 magnetic declination (MM) at center of map. Diagram is approximate.					
2	6.5617							
3	9.8425							
4	13.1234							
5	16.4042							
6	19.6850							
7	22.9659							
8	26.2467							
9	29.5276							
10	32.8084							
To convert meters to feet multiply by 3.2808				1	2	3	4	5
To convert feet to meters multiply by 0.3048				6	7	8		
				1	2	3	4	5
				6	7	8		
				1	2	3	4	5
				6	7	8		

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USGS NMD HISTORICAL MAP
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SEP 11 1989

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Topographic Map Symbols

Primary highway, hard surface	
Secondary highway, hard surface	
Light duty 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	
Railroad: standard gage; narrow gage	
Power transmission line; pipeline	
Dam; dam with lock	
Cemetery; building	
Widened; water well; spring	
Mine shaft; adit or cave; mine, quarry; gravel pit	
Campground; picnic area; U. S. location monument	
Ruins; cliff dwelling	
Distorted surface: strip mine, lava, sand	
Contours: index; intermediate; supplementary	
Bathymetric contours: index; intermediate	
Stream; lake; perennial; intermittent	
Rapids, large and small; falls, large and small	
Area to be submerged; marsh, swamp	
Land subject to controlled inundation; woodland	
Scrub; mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request

