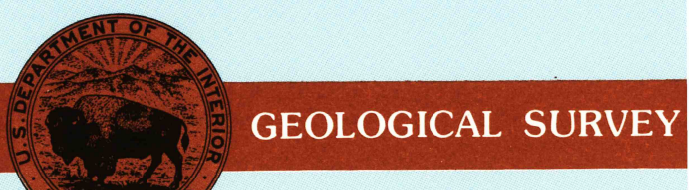




30 X 60 MINUTE QUADRANGLE SHOWING

- 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 1948-1975. Planimetry revised from aerial photography taken 1976-77 and other source data. Revised information not field checked. Map edited 1982.
 Projection and 10 000-meter grid, zone 11. Universal Transverse Mercator. 25 000-foot grid ticks based on California coordinate system, zone 6. 1927 North American Datum.
 To place on the projected North American Datum move the projection lines 2 meters south and 79 meters east.
 There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 40 METERS
 SUPPLEMENTARY CONTOUR INTERVAL 20 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet	DECLINATION DIAGRAM	ADJOINING MAPS	
1	3.2808		1 Santa Ana	
2	6.5617		2 Palm Springs	
3	9.8425		3 Eagle Mts.	
4	13.1234		4 Oceanside	
5	16.4042		5 Salton Sea	
6	19.6850		6 San Diego	
7	22.9659		7 El Cajon	
8	26.2467		8 El Centro	
9	29.5275			
10	32.8084			

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

UTM grid convergence (IGM and 1982 magnetic declination) at center of map. Diagram is approximate.



USGS HISTORIC MAP ARCHIVES
 APR 2 1996
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Topographic Map Symbols

Primary highway, hard surface	
Secondary highway, hard surface	
Light duty road, gravel or dirt, hard or improved surface	
Other road or street, incl.	
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: protected	
Power transmission line; pipeline	
Clear, bare with rock	
Cemetery; building	
Windmill; water well; spring	
Mine shaft; adit or cave; mine, quarry; gravel pit	
Campground; picnic area; U. S. location monument	
Rail; off-branching	
Disturbed 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	

