



Produced by the United States Geological Survey
in cooperation with the U.S. Forest Service

Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1954-1982. Planimetry revised from aerial photographs taken 1975, 1979, and other source data. Revised information not field checked. Map edited 1984

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 predicted North American Datum 1983
move the projection lines 80 meters east

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

CONTOUR INTERVAL 50 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY,
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Meters	Feet
1	3.2808
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

To convert feet to meters multiply by 0.3048

UTM grid convergence (GN and MN) magnetic declination (MN) at center of map
Diagram is approximate

	1	2	3
4			
5			
6	7	8	

	1	2	3
1	San Bernardino		
2	Big Bear Lake		
3	Shree Holy Mts.		
4	Santa Ana		
5	Cade Mountains		
6	Oceanside		
7	Boneno Valley		
8	Salton Sea		

ISBN 0-607-10589-5

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JUN 30 2000

USGS NMN
HISTORICAL MAP ARCHIVES

Topographic Map Symbols

- Primary highway, hard surface
Secondary highway, hard surface
Light duty road, principal arterial, hard or improved surface
Other road or street
Route marker: Interstate, U. S. State
Railroad: standard gauge, narrow gauge
Bridge: overpass, underpass
Tunnel: road, railroad
Built up area, locally, 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: projected
Power transmission line; pipeline
Dam, dam with lock
Cemetery: building
Windmill: water well; spring
Mine shaft; salt; cave, mine, quarry; gravel pit
Cemeterial, picnic area, U. S. location monument
Ruins; old dwelling
Disturbed surface: strip mine, lake, 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 area
Scribble, vignette

A pamphlet describing topographic maps is available on request.