

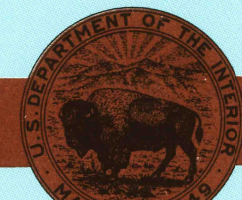
Portola
CALIFORNIA

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
PHOTOINSPECTED 1990

Produced by the United States Geological Survey
Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1950-1975. Planimetry revised from aerial photographs taken 1973-75 and other source data. Revised information not field checked. Map edited 1979
1927 North American Datum (NAD 27). Projection and 10 000-meter grid. Universal Transverse Mercator, zone 10 25 000-foot ticks. California coordinate system, zones 1 and 2
The difference between NAD 27 and North American Datum of 1983 (NAD 83) is too small to show at this scale. The values of the shift between the datums for 7.5-minute intersections are given in USGS Bulletin 1875
There may be private inholdings within the boundaries of the National or State reservations shown on this map

Projected land lines are dashed
Map photoinspected using 1989-90 photographs
No major culture or drainage changes found

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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS														
Meters	Feet		1	2	3	4	5	6	7	8							
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	29.5275																
10	32.8084																
To convert meters to feet multiply by 3.2808		UTM grid convergence (GM) and 171 magnetic declination (MD) at center of map. Diagram is approximate	<table><tr><td>1 Lake Almanor</td></tr><tr><td>2 Sacramento</td></tr><tr><td>3 Klamath Peak</td></tr><tr><td>4 Reno</td></tr><tr><td>5 Lake City</td></tr><tr><td>6 Truckee</td></tr><tr><td>7 Carson City</td></tr></table>								1 Lake Almanor	2 Sacramento	3 Klamath Peak	4 Reno	5 Lake City	6 Truckee	7 Carson City
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2 Sacramento																	
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4 Reno																	
5 Lake City																	
6 Truckee																	
7 Carson City																	
To convert feet to meters multiply by 0.3048																	

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 22092



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 gauge; narrow gauge.....	
Bridge: overpass; underpass.....	
Tunnel: road; railroad.....	
Built up areas; 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.....	
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.....	
Ruins; cliff dwelling.....	
Dissected surface; strip mine; line; 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

