



USGS
science for a changing world

Portola CALIFORNIA

1:100 000-scale metric topographic map

RECEIVED
MAR 3 1 2000
USGS NAD HISTORICAL MAP ARCHIVES

30 X 60 MINUTE QUADRANGLE SHOWING

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

USGS
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
Protracted 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

FOR SALE BY U.S. GEOLOGICAL SURVEY,
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| CONVERSION TABLE | | DECLINATION DIAGRAM | | ADJOINING MAPS | | |
|------------------|---------|--|------|----------------|---|---|
| Meters | Feet | Magnetic Declination | | 1 | 2 | 3 |
| 1 | 3.2808 | 136° | 170° | 1 | 2 | 3 |
| 2 | 6.5616 | 28 MILES | | 4 | 5 | 6 |
| 3 | 9.8424 | 311 MILES | | 7 | 8 | |
| 4 | 13.1232 | UTM grid convergence (EN) and (10) magnetic declination (MN) at center of map diagram is approximate | | 1 | 2 | 3 |
| 5 | 16.4040 | | | 4 | 5 | 6 |
| 6 | 19.6848 | | | 7 | 8 | |
| 7 | 22.9656 | | | 1 | 2 | 3 |
| 8 | 26.2464 | | | 4 | 5 | 6 |
| 9 | 29.5272 | | | 7 | 8 | |
| 10 | 32.8080 | | | 1 | 2 | 3 |

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

1 Lake Almanor
2 Summitville
3 Bonanza Peak
4 Chico
5 Reno
6 Yuba City
7 Truckee
8 Carson City



Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, top
- Route marker: Interstate, U.S., State
- Railroad: standard gage, narrow gage
- Bridge: overpass, underpass
- Tunnel: road, railroad
- Built up area; locality; elevation
- Arctic: 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
- Well: water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Compost; picnic area; U.S. location monument
- Ruins; cliff dwelling
- Distorted surface: strip mine, lava, sand
- Contours: index, intermediate, supplementary
- Barometric 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