



1:100 000-scale metric topographic map of Happy Camp CALIFORNIA—OREGON



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 1980-1982. Planimetry revised from aerial photographs taken 1978 and other source data. Revised information not field checked. Map edited 1983.
 Projection and 10 000-meter grid, zone 10, Universal Transverse Mercator
 25 000-foot grid ticks based on California coordinate system, zone 1, 1927 North American Datum
 To place on the predicted North American Datum 1983 move the projection lines 20 meters north and 90 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

| CONVERSION TABLE | | DECLINATION DIAGRAM | | ADJOINING MAPS | |
|------------------|---------|---------------------|--------|----------------|---|
| Meters | Feet | GN | MN | 1 | 2 |
| 1 | 3.2808 | 0° 00' | 1° 00' | 1 | 3 |
| 2 | 6.5617 | 0° 00' | 1° 00' | 4 | 5 |
| 3 | 9.8425 | 0° 00' | 1° 00' | 6 | 7 |
| 4 | 13.1234 | 0° 00' | 1° 00' | 8 | 9 |
| 5 | 16.4042 | 0° 00' | 1° 00' | | |
| 6 | 19.6851 | 0° 00' | 1° 00' | | |
| 7 | 22.9659 | 0° 00' | 1° 00' | | |
| 8 | 26.2468 | 0° 00' | 1° 00' | | |
| 9 | 29.5276 | 0° 00' | 1° 00' | | |
| 10 | 32.8085 | 0° 00' | 1° 00' | | |

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

UTM grid convergence (GN) and 1963 magnetic declination (MN) at center of map diagram is approximate.

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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 gauge, narrow gauge
- Bridge: covered, 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
- Dam, dam with lock
- Cemetery: building
- Well: water well, spring
- Mine shaft: adit or cave, mine, quarry, gravel pit
- Campground: picnic area; U.S. location monument
- Ruin; cliff dwelling
- Disturbed surface: stony 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; meadow
- Dashed; viewshed