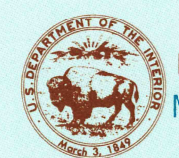


- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names
- Bathymetric contours in meters

U. S. GEOLOGICAL SURVEY
NATIONAL OCEAN SERVICE

Produced by the United States Geological Survey
and the National Ocean Service

Compiled from USGS 1:24 000-scale topographic maps dated 1985-1989. Planimetry revised from aerial photographs taken 1988 and other source data. Revised information not field checked May-June 1993.

Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. This information is not intended for navigational purposes. Mean lower low water (dotted) line and mean high water (heavy dotted) line compiled by NOS from tide-coordinated satellite photographs. Apparent shoreline (outer edge vegetation) shown by light solid line.

1927 North American Datum (NAD 27). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 10

50 000-foot ticks; Oregon coordinate system, south zone

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 two datums are 7.5-mm intersections are given in USGS Bulletin 1872.

Offshore protection survey data, shown in red, furnished by the Minerals Management Service. Heavy lines indicate limits of Outer Continental Shelf Official Protection Diagram dated 1976. The protections on this map are not for Federal leasing purposes; for such purposes, refer to the 1:250 000-scale OCS Official Protection Diagram available from the Minerals Management Service.

CONTOUR INTERVAL 50 METERS

NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER
BATHYMETRIC CONTOUR INTERVALS: 10 METERS TO 200 METER DEPTH
SUPPLEMENTED BY 2 METER INTERVALS, THENCE 50 METERS TO MAXIMUM
DEPTH. SUPPLEMENTED 10 METER INTERVALS. DATUM IS MEAN LOW WATER.
LOW WATER. THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
BASE MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
BATHYMETRIC SURVEY DATA COMPLIES WITH INTERNATIONAL
HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 44
ACCURACY STANDARDS AND/OR STANDARDS USED AT THE DATE
OF THE SURVEY

CONVERSION TABLE

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

DECLINATION DIAGRAM

UTM grid magnetic declination (GN) and 1980 magnetic declination (MN) at center of map Diagram is approximate

ADJOINING MAPS

1	2	3
4	5	6
6	7	8

1 Port Orford
2 Canyonville
3 Grants Pass
4 Grants Pass
5 Crescent City
6 Happy Camp

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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 area; locally elevated
Airport: landing field; landing strip
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
Canal, building
Wetland: water well; spring
Mine shaft; old or cave; mine, quarry; gravel pit
Cartographic pit; mine, U. S. location
Disturbed: old dwelling
Ruined: ditch; mine, levee, sand
Conformic: contour; indirect; supplementary
Bathymetric: contours; index; intermediate
Stream: lake; perennial; intermittent
Rapid, large and small; falls, large and small
Area to be submerged; marsh, swamp
Land subject to controlled inundation; woodland
Scrub mangrove
Order: vegetation

A pamphlet describing topographic maps is available on request.

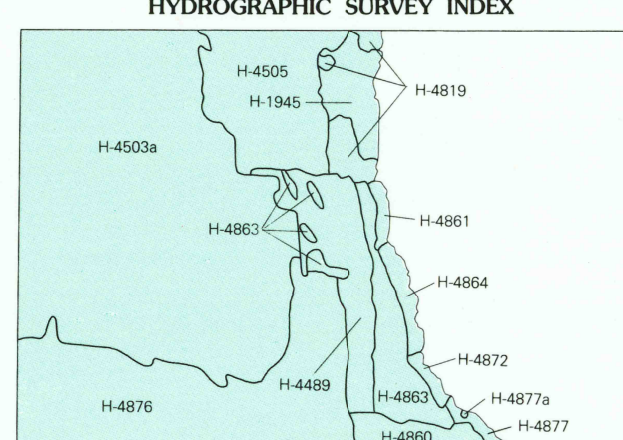
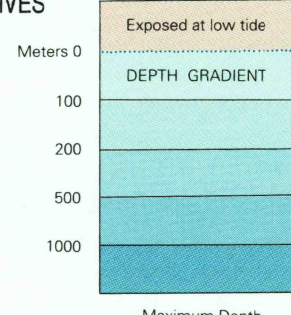
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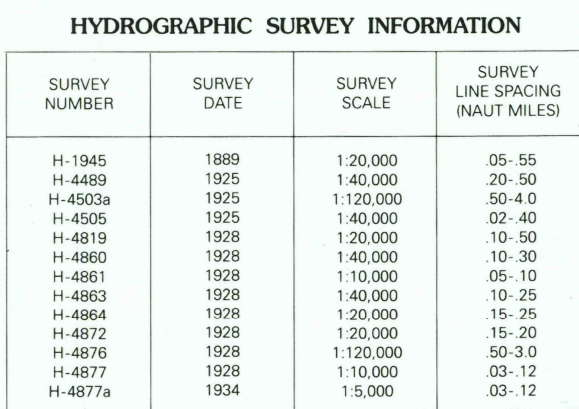
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HISTORICAL MAP ARCHIVES

USGS NM

HISTORICAL MAP ARCHIVES



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