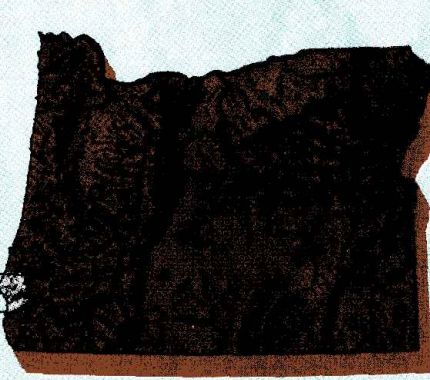
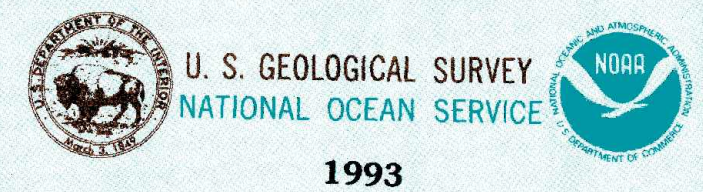


Port Orford OREGON

1:100 000-scale metric
topographic-bathymetric map



- 30 X 60 MINUTE QUADRANGLE
SHOWING**
- Contours and elevations in meters
 - Highways, roads and other manmade structures
 - Water features
 - Woodland areas
 - Geographic names
 - Bathymetric contours in meters



1993

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.

Map dated 1993

Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. This information is not intended for nautical purposes. Mean lower low water (dotted line) and mean high water (dashed line) compiled by NOS from tide-coordinated aerial photographs. Apparent shoreline (outer edge of 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 datums for 7.5-minute intersections are given in USGS Bulletin 1375.

Orthorectification survey data, shown in red, furnished by the Minerals Management Service. Heavy lines indicate limits of Outer Continental Shelf Official Protection Diagrams dated November 2, 1976 and November 10, 1976. The protection on this map may not be for Federal mining purposes. Diagrams available from the Minerals Management Service.

There may be private inholdings within the boundaries of CONTOUR INTERVAL, 50 METERS.

NATIONAL GEODETIC VERTICAL DATUM of 1989 ELEVATIONS SHOWN TO THE NEAREST METRE.

BATHYMETRIC CONTOUR INTERVALS: 10 METERS TO 200 METERS DEPTH; WITH VERTICAL INTERVALS OF 2 METERS CONTINUED TO 50 METERS TO MEAN LOWER LOW WATER. THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE.

BASE MAP COMPILED WITH NATIONAL MAP ACCURACY STANDARDS. MATHEMATICAL SURVEY DATA COMPILED WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 44 ACCURACY STANDARDS AND STANDARDS DATED AT THE DATE OF THE SURVEY.

Meters	Feet	CONVERSION TABLE
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	

ADDITIONAL MAPS	1	2	3
1	Coos Bay		
2	Roseburg		
3	Cannonville		
4	Gold Beach		
5	Crater Lake		

FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852

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
- Mailbox, standard gauge, narrow gauge
- Bridge, covered, underpass
- Tunnel: road, railroad
- Built up area, healthy, elevation
- Airport, landing field, landing strip
- Natural boundary
- Country 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, spring
- Mine shaft, adit or cave, man, quarry, gravel pit
- Campground, picnic area, U. S. location monument
- Bank, cliff, fault
- Distorted surface: strip mine, levee, 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, wooded
- Sand, bar, berm
- Ditched, vineyard

A pamphlet describing topographic maps is available on request.

