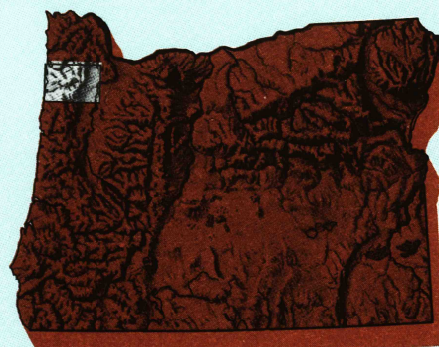


Yamhill River

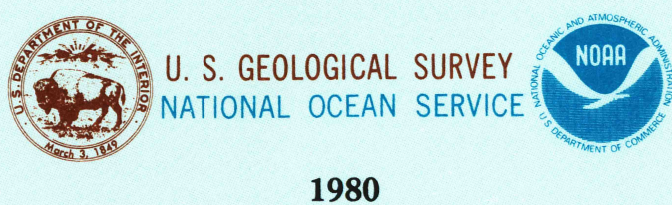
OREGON

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



Produced by the Geological Survey and the National Ocean Service

Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1955-1979 and from advance materials

Planimetry revised from aerial photographs taken 1976-77 and other source data. Revised information not field checked. Map edited 1980

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 solid) line compiled by NOS from tide-coordinated aerial photographs. Apparent shoreline (outer edge of vegetation) shown by light solid line

Projection and 10 000-meter grid, zone 10; Universal Transverse Mercator 23 000-foot grid ticks based on Oregon coordinate system, north zone 1927 North American Datum

To place on the predicted North American Datum 1983 move the projection lines 23 meters north and 96 meters east

Limited revision and bathymetry added 1987

There may be private inholdings within the boundaries of National or State reservations shown on this map

CONTOUR INTERVAL 50 METERS
SUPPLEMENTARY CONTOUR INTERVAL 10 METERS

NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

BATHYMETRIC CONTOUR INTERVALS: 10 METERS TO MAXIMUM DEPTH, WITH SUPPLEMENTARY 2 METER CONTOURS-DATUM IS MEAN LOWER LOW WATER

THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

BASE MAP COMPLETES WITH NATIONAL MAP ACCURACY STANDARDS. BATHYMETRIC SURVEY DATA COMPLETES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 44 ACCURACY STANDARDS AND/OR STANDARDS USED AS OF THE DATE OF THE SURVEYS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS			
Meters	Fath		1	2	3	
1	0.5399		1	2	3	
2	1.0798		4	5		
3	1.6197		6	7	8	
4	2.1596					
5	2.6995					
6	3.2394					
7	3.7793					
8	4.3192					
9	4.8591					
10	5.3990					
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN and 1983 magnetic declination (M)) at center of map		1 Nehalem River 2 Vancouver 3 Oregon City 4 Newport 5 Corvallis 6 North 7 Santiam River		
To convert feet to meters multiply by 0.3048		Diagram is approximate				



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 gage; narrow gage
- Bridge, overpass, 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: protracted
- 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
- Distorted surface: strip 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; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

YAMHILL RIVER, OREGON

45123-A1-TB-100

1980

BATHYMETRY ADDED 1987

SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

CONTOUR INTERVAL 50 METERS

SUPPLEMENTARY CONTOUR INTERVAL 10 METERS