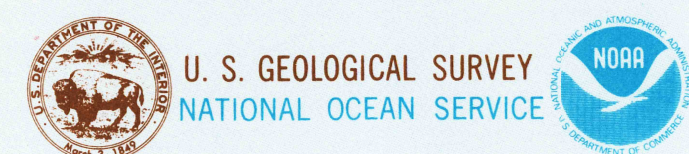


- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names
- Bathymetric contours in meters



1988

Produced by the Geological Survey and the National Ocean Service

Compiled from USGS 1:400,000 and 1:625,000 scale topographic maps dated 1956-1982.

Plastermeyer revised all latitudes taken between 1980 and other source data. Revised information not field checked. Map updated 1988.

This survey completely revises the hydrographic information contained in older hydrographic surveys. This information is not intended for navigational purposes.

Mean lower low water (dotted) line and mean high water (heavy solid) line are based on NOAA tide gauge observations at the nearest station.

Shoreline (outer edge of vegetation) shows the light sand dunes.

Projection is 10,000 meter grid zone 10; UTM Universal Transverse Mercator projection; datum is North American Datum 1983; north arrow points south and zones 1027 North American Datum.

The map was compiled from aerial photography taken between the projection scales 26 meters north and 98 meters east.

Other projections survey data shown in red, illustrated by the Minerals Management Service. Heavy black lines show Outer Continental Shelf Official Protection Designation dated November 2, 1976. The restrictions on this map are not the Federal leasing program, for such purposes, refer to the Outer Continental Shelf Act of 1973 and the Minerals Management Service Limited release and bathymetry added 1988.

There may be private subdivisions within the boundaries of National or State Lands.

CONTOUR INTERVAL 50 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER
BATHYMETRIC CONTOUR INTERVALS: 10 METERS TO 200 METERS
DEPTH, WITH SUPPLEMENTARY 5 METER CONTOURS, THENCE 50
METERS TO MAXIMUM DEPTH, WITH SUPPLEMENTARY 10 METER
CONTOURS-DATUM IS MEAN LOWER LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

BATHYMETRIC SURVEY DATA COMPLEX WITH
INTERVENTIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL
PUBLICATION ON ACCURACY STANDARDS AND SURVEY STANDARDS
USED AS OF THE DATE OF THE SURVEY.

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS
Meters	Feet		1 2 3
1	3.2808		4 5
2	6.5617		6 7
3	9.8425		8
4	13.1234		
5	16.4042		
6	19.6850		
7	22.8659		
8	26.1467		
9	29.3275		
10	32.6084		

1 meter converts meters to feet
multiply by 3.2808

1 foot converts feet to meters
multiply by 0.3048

UTM grid convergence
(GN and M) magnetic
declination (M)
at center of map
Diagram is approximate

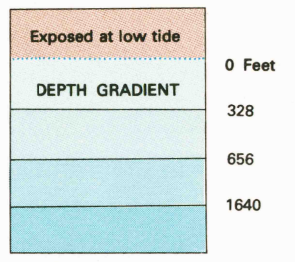
1 Cape Flattery
2 Port Angeles
3
4 Mount Olympus
5
6
7 Capla Beach
8 Shelton

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

Topographic Map Symbols

[illegible]

A pamphlet describing topographic maps is available on request



Photographic copies of the above and prior surveys may be obtained at the cost of reproduction, by addressing the Director, N/CG243, National Ocean Service, National Oceanic and Atmospheric Administration, Rockville, Maryland 20852