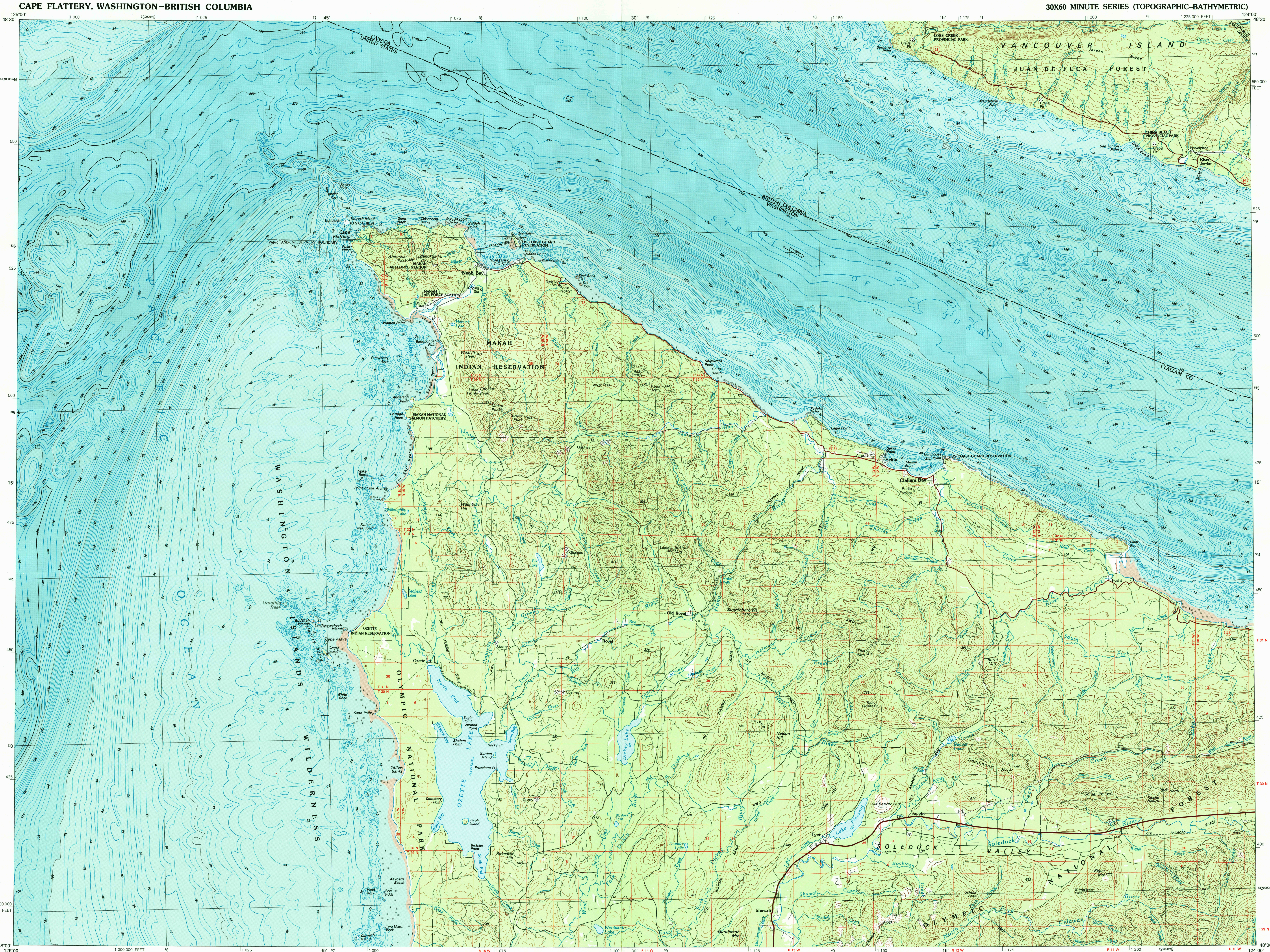




Cape Flattery

WASHINGTON –
BRITISH COLUMBIA

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

U. S. GEOLOGICAL SURVEY
 NATIONAL OCEAN SERVICE

1986

Produced by the Geological Survey and the National Ocean Service
U. S. portion compiled from USGS 1:24 000-scale topographic maps dated 1984
Bathymetry compiled by the National Ocean Service from the coordinated hydrographic survey. This information is not intended for navigational purposes
Mean lower low water (dotted) line and mean high water (heavy solid) line compiled by NOAA from tide-coordinated aerial photographs. Apparent shoreline (outer edge of vegetation) shown by light solid line
Projection and 10 000-meter grid, zone 18 Universal Transverse Mercator 25 000-foot grid ticks based on Washington coordinate system, north zone 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 24 meters north and 96 meters east
Limited revision and bathymetry added 1987
There may be private holdings within the boundaries of National or State reservations shown on this map

CONTOUR INTERVAL 50 METERS IN THE UNITED STATES
NATIONAL GEODETIC VERTICAL DATUM OF 1989
CONTOUR INTERVAL 40 METERS IN CANADA
ELEVATIONS SHOWN TO THE NEAREST METER
BATHYMETRIC CONTOUR INTERVAL 5 METERS TO 200 METERS
DEPTH WITH SUPPLEMENTARY 2 METER CONTOURS, THENCE 50 METERS TO MAXIMUM DEPTH, WITH SUPPLEMENTARY 10 METER CONTOUR-DATE IN MEAN LOWER LOW WATER
THE RELATIONSHIP BETWEEN THE THREE DATUMS IS VARIABLE

BATHYMETRIC SURVEY DATA COMBINES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION NO. 13, ACCURACY STANDARDS AND OTHER SPECIAL INFO AS OF 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	
ON	BY
7°22' N	373 MILS

UTM grid convergence (0°N and 180°W)
Magnetic declination (M.D.) at center of map
Diagram is approximate

ADJOINING MAPS		
1	2	3
4	5	6
7	8	9

1 Roche Harbor
2 Port Angeles
3 Forks
4 Mount Olympus

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

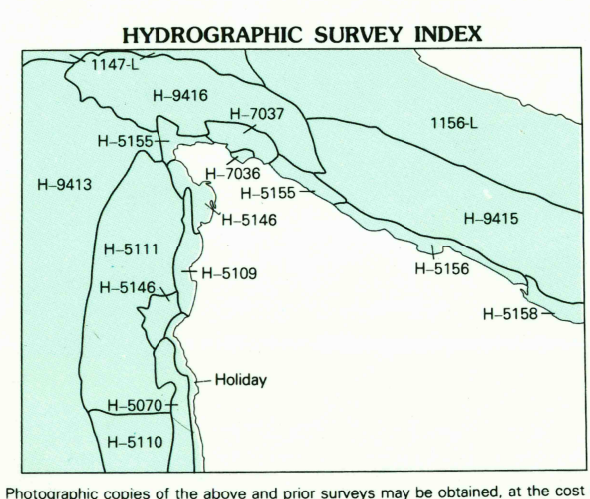
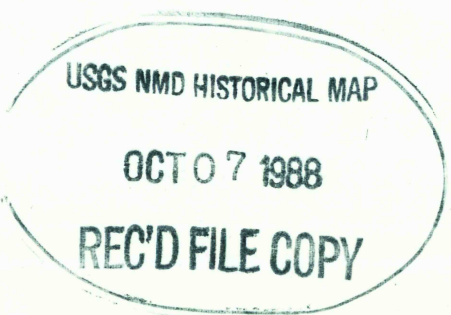
Topographic Map Symbols

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	Railroad: standard gage; narrow gage	Bridge: wares; 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	Range, township; section line, projected	Power transmission line; pipeline	Dam; dam with lock	Cemetery; building	Windmill; water well; spring	Mine shaft; salt 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, general; 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

CAPE FLATTERY, WASHINGTON–BRITISH COLUMBIA
48124-A1-TB-100
1986
BATHYMETRY ADDED 1987

HYDROGRAPHIC SURVEY INFORMATION			
SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING
11474	1905	1:80,000	05-50
11564	1915	1:80,000	20-25
H-5070	1900	1:20,000	04-14
H-5105	1900	1:20,000	06-12
H-5111	1900	1:40,000	09-11
H-5106	1901	1:20,000	04-25
H-5108	1901	1:20,000	02-25
H-5109	1901	1:20,000	01-04
H-5110	1901	1:20,000	01-12
H-5111	1901	1:20,000	01-04
H-5112	1901	1:20,000	01-12
H-5113	1901	1:20,000	01-04
H-5114	1901	1:20,000	01-12
H-5115	1901	1:20,000	01-04
H-5116	1901	1:20,000	01-12
H-5117	1901	1:20,000	01-04
H-5118	1901	1:20,000	01-12
H-5119	1901	1:20,000	01-04
H-5120	1901	1:20,000	01-12
H-5121	1901	1:20,000	01-04
H-5122	1901	1:20,000	01-12
H-5123	1901	1:20,000	01-04
H-5124	1901	1:20,000	01-12
H-5125	1901	1:20,000	01-04
H-5126	1901	1:20,000	01-12
H-5127	1901	1:20,000	01-04
H-5128	1901	1:20,000	01-12
H-5129	1901	1:20,000	01-04
H-5130	1901	1:20,000	01-12
H-5131	1901	1:20,000	01-04
H-5132	1901	1:20,000	01-12
H-5133	1901	1:20,000	01-04
H-5134	1901	1:20,000	01-12
H-5135	1901	1:20,000	01-04
H-5136	1901	1:20,000	01-12
H-5137	1901	1:20,000	01-04
H-5138	1901	1:20,000	01-12
H-5139	1901	1:20,000	01-04
H-5140	1901	1:20,000	01-12
H-5141	1901	1:20,000	01-04
H-5142	1901	1:20,000	01-12
H-5143	1901	1:20,000	01-04
H-5144	1901	1:20,000	01-12
H-5145	1901	1:20,000	01-04
H-5146	1901	1:20,000	01-12
H-5147	1901	1:20,000	01-04
H-5148	1901	1:20,000	01-12
H-5149	1901	1:20,000	01-04
H-5150	1901	1:20,000	01-12
H-5151	1901	1:20,000	01-04
H-5152	1901	1:20,000	01-12
H-5153	1901	1:20,000	01-04
H-5154	1901	1:20,000	01-12
H-5155	1901	1:20,000	01-04
H-5156	1901	1:20,000	01-12
H-5157	1901	1:20,000	01-04
H-5158	1901	1:20,000	01-12
H-5159	1901	1:20,000	01-04
H-5160	1901	1:20,000	01-12
H-5161	1901	1:20,000	01-04
H-5162	1901	1:20,000	01-12
H-5163	1901	1:20,000	01-04
H-5164	1901	1:20,000	01-12
H-5165	1901	1:20,000	01-04
H-5166	1901	1:20,000	01-12
H-5167	1901	1:20,000	01-04
H-5168	1901	1:20,000	01-12
H-5169	1901	1:20,000	01-04
H-5170	1901	1:20,000	01-12
H-5171	1901	1:20,000	01-04
H-5172	1901	1:20,000	01-12
H-5173	1901	1:20,000	01-04
H-5174	1901	1:20,000	01-12
H-5175	1901	1:20,000	01-04
H-5176	1901	1:20,000	01-12
H-5177	1901	1:20,000	01-04
H-5178	1901	1:20,000	01-12
H-5179	1901	1:20,000	01-04
H-5180	1901	1:20,000	01-12
H-5181	1901	1:20,000	01-04
H-5182	1901	1:20,000	01-12
H-5183	1901	1:20,000	01-04
H-5184	1901	1:20,000	01-12
H-5185	1901	1:20,000	01-04
H-5186	1901	1:20,000	01-12
H-5187	1901	1:20,000	01-04
H-5188	1901	1:20,000	01-12
H-5189	1901	1:20,000	01-04
H-5190	1901	1:20,000	01-12
H-5191	1901	1:20,000	01-04
H-5192	1901	1:20,000	01-12
H-5193	1901	1:20,000	01-04
H-5194	1901	1:20,000	01-12
H-5195	1901	1:20,000	01-04
H-5196	1901	1:20,000	01-12
H-5197	1901	1:20,000	01-04
H-5198	1901	1:20,000	01-12
H-5199	1901	1:20,000	01-04
H-5200	1901	1:20,000	01-12



Photographic copies of the above and prior surveys may be obtained, at the cost of reproduction by addressing the Director, NCGO4 National Ocean Service, National Oceanic and Atmospheric Administration, Rockville, Maryland 20852