

H-5725 H-5930 H-5931 H-5932 H-6101 H-6102 H-6103 H-6104 H-6105 H-6106 H-6107 H-6108

1:20,000 1:10,000 1:10,000 1:10,000 1:20,000 1:10,000 1:10,000 1:20,000 1:10,000 1:20,000 1:20,000 1:10,000 .04 – .20 .05 – .10 .10 – .20 .01 – .14 .05 – .26 .01 – .08 .01 – .10 .02 – .16 .02 – .15 .01 – .08 .01 – .10 H-6197 H-6198 H-6199 H-6202 H-6203 H-6204 H-6205 H-9372 H-9410 H-9411 H-9412 H-9682

1:10,000 1:10,000 1:5,000 1:10,000 1:10,000 1:10,000 1:10,000 1:5,000 1:5,000 1:5,000 .01 - .10 .02 - .06 .01 - .04 .02 - .07 .01 - .06 .01 - .07 .01 - .08 .02 - .07 .02 - .06 .02 - .11 .01 - .07 Tacoma washington

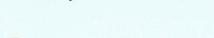
1:100 000-scale *metric* topographic—bathymetric map



47122-A1-TB-10

30 X 60 MINUTE QUADRANGLE

- SHOWINGContours and elevations in meters
- Highways, roads and other
- manmade structures
- Water features
- Woodland areas
- Geographic namesBathymetric contours in meters







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

Compiled from USGS 1:24 000-scale topographic maps dated 1968-81 Planimetry revised from aerial photographs taken 1980 and other source data. Revised information not field checked. Map edited 1991

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 25 000-foot grid ticks based on Washington coordinate system, south and north zones. 1927 North American Datum

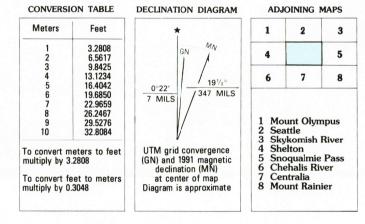
To place on the predicted North American Datum 1983 move the projection lines 23 meters north and 94 meters east

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

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 BY 10 METER INTERVALS. DATUM IS MEAN LOWER
LOW WATER. THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

CONTOUR INTERVAL 20 METERS

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

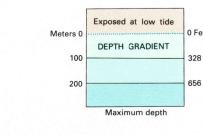


FOR SALE BY U.S. GEOLOGICAL SURVEY DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092 AND NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852

## Topographic Map Symbols

Secondary highway, hard surface		
Light duty road, principal street, hard or improved surface	THE STATE OF THE S	
Other road or street; trail		
Route marker: Interstate; U. S.; State	$\bigcirc$	3
Railroad: standard gage; narrow gage		
Bridge; overpass; underpass	<del>+</del>	<del>;                                    </del>
Tunnel: road; railroad		$\rightarrow \rightarrow - \leftarrow$
Built up area; locality; elevation		• 15
Airport; landing field; landing strip	consequences	
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		10
Cemetery; building	[ <del>]</del>	
Windmill; water well; spring		· ·
Mine shaft; adıt or cave; mine, quarry; gravel pit		* .
Campground; picnic area; U. S. location monument	1 *	
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	30 H	
Area to be submerged; marsh, swamp	and the same of the	Alle Alle
Land subject to controlled inundation; woodland	The state of the s	
Scrub; mangrove		SARK S
Orchard; vineyard		

A pamphlet describing topographic maps is available on request





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H-6204
H-6204
H-6205
H-6206
H-6107
H-6107
H-6107
H-6108
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