

# Seattle South WASHINGTON

1:25 000-scale metric topographic-bathymetric map



7.5 X 15 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 United States Geological Survey and the National Ocean Service

Control by USGS, NOS/NOAA, USCE and King County Engineer Office  
 Compiled by photogrammetric methods from aerial photographs taken 1977. Field checked 1978. Map edited 1983.  
 Supersedes Duwamish Head and Seattle South 1:24 000 scale maps dated 1949.  
 Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. This information is not intended for navigational purposes.  
 Mean low water (dashed line) and mean high water (heavy solid line) compiled by NOS from tide-coordinated aerial photography updated through 1979.  
 Projection and 1000-meter grid, zone 10, Universal Transverse Mercator 1000S 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 line 23 meters north and 93 meters east.  
 Grey tint indicates areas in which only landmark buildings are shown.  
 There may be private buildings within the boundaries of the National or State reservations shown on this map.

**CONTOUR INTERVAL 5 METERS**  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 BATHYMETRIC CONTOUR INTERVAL 2 METERS-DATUM IS MEAN LOWER LOW WATER. DATUM OF LAKE WASHINGTON IS LOW WATER WHICH IS 1.5 FEET ABOVE THE PLANE OF MEAN LOWER LOW WATER IN PUGET SOUND.  
 THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE.  
 CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER.  
 OTHER ELEVATIONS SHOWN TO THE NEAREST METER.  
 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	Feet	1 2 3
1	3.2808	4 5
2	6.5617	6 7 8
3	9.8425	
4	13.1234	
5	16.4042	
6	19.6850	
7	22.9659	
8	26.2467	
9	29.5275	
10	32.8084	

UTM grid convergence (GN) and 1983 magnetic declination (MD) at center of map. Diagram is approximate.

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 AND RESTON, VIRGINIA 20192 AND NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852

## Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light-duty road, hard or improved surface
- Unimproved road, trail
- Route marker: interstate; U. S. State
- Railroad: standard gage; narrow gage
- Bridge: drawbridge
- Footbridge; overpass; underpass
- Built-up area: only selected landmark buildings shown
- House; barn; church; school; large structure
- Boundary:
  - National monument
  - State
  - County, parish
  - Civil township, precinct, district
  - Incorporated city, village, town
  - National or State reservation, small park
  - Land grant with monument; found section corner
  - U. S. public lands survey; range, township, section
  - Range, township, section line: location approximate
- Fence or field line
- Power transmission line, bearded tower
- Dam; dam with lock
- Cemetery; grave
- Campground; picnic area; U. S. location monument
- Wellhead; water well; spring
- Mine shaft; prospect; adit or cave
- Control: horizontal station; vertical station; spot elevation
- Contours: index; intermediate; supplementary; depression
- Distorted surface: strip mine, sand
- Bathymetric contours: index; intermediate
- Perennial lake and stream; intermittent lake and stream
- Rapids, large and small; falls, large and small
- Swamp; marsh
- Submerged marsh; land subject to controlled inundation
- Woodland; scattered trees
- Sand; mangrove
- Orchard; vineyard

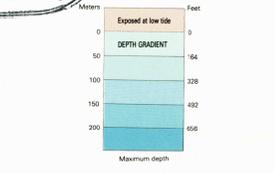
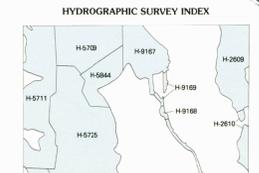
SCALE 1:25 000  
 1 CENTIMETER ON THE MAP REPRESENTS 250 METERS ON THE GROUND  
 CONTOUR INTERVAL 5 METERS  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 BATHYMETRIC CONTOUR INTERVAL 2 METERS-DATUM IS MEAN LOWER LOW WATER. DATUM OF LAKE WASHINGTON IS LOW WATER WHICH IS 1.5 FEET ABOVE THE PLANE OF MEAN LOWER LOW WATER IN PUGET SOUND.  
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SEATTLE SOUTH, WASHINGTON  
 N4730-W1215/7.5x15  
 1983



HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-2809	1962	1:10,000	06.25
H-2810	1962	1:10,000	06.25
H-2811	1962	1:10,000	06.25
H-2812	1962	1:10,000	06.25
H-2813	1962	1:10,000	06.25
H-2814	1962	1:10,000	06.25
H-2815	1962	1:10,000	06.25
H-2816	1962	1:10,000	06.25
H-2817	1962	1:10,000	06.25
H-2818	1962	1:10,000	06.25
H-2819	1962	1:10,000	06.25



Photographic copies of the above and prior surveys may be obtained, at the cost of reproduction, by contacting the Director, U.S. Geological Survey, National Ocean Service, National Oceanic Atmospheric Administration, Rockville, Maryland 20852.