

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



1983

Produced by the United States Geological Survey and the National Ocean Service
 Compiled by photogrammetric methods from aerial photographs taken 1977. Field checked 1978. Map edited 1983.
 Supersedes Duwamish Head and Seattle South 1:25 000 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 (dotted) line and mean high water (heavy solid) line compiled by NOS from tide-coordinated aerial photography updated through 1977.
 Projection and 1000-meter grid, zone 10, Universal Transverse Mercator 10,000-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 23 meters north and 93 meters east.

Grey list 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 2 FEET ABOVE THE PLANE OF MEAN LOWER LOW WATER IN PUGET SOUND.
 THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE. OTHER ELEVATIONS SHOWN TO THE NEAREST METER.

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

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4043
6	19.6852
7	22.9660
8	26.2469
9	29.5278
10	32.8084



1	2	3
4	5	6
7	8	

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048

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

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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	.....
Houses; barn; church; school; large structure	.....
Boundary:	.....
National, with 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, located tower	.....
Dam; dam with lock	.....
Canal; irrigation	.....
Campground; picnic area; U. S. location monument	.....
Windmill; 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, lava, sand	.....
Bathymetric contours: index; intermediate	.....
Perennial ice and snow; intermittent lake and stream	.....
Rapids; large and small; falls; large and small	.....
Swamp; marsh	.....
Saltpetre marsh; lake subject to controlled inundation	.....
Woodland: scattered trees	.....
Spruce; mangrove	.....
Ochre; vineyard	.....

A pamphlet describing topographic maps is available on request

SEATTLE SOUTH, WASHINGTON N4730-W12215/7.5x15

1983

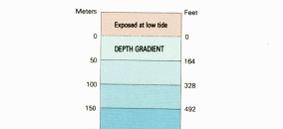
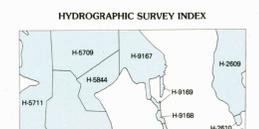
SCALE 1:25 000
 1 CENTIMETER ON THE MAP REPRESENTS 250 METERS ON THE GROUND
 METERS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
 KILOMETERS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
 FEET 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000 14000 15000 16000 17000 18000 19000 20000 21000 22000 23000 24000 25000 26000 27000 28000 29000 30000 31000 32000 33000 34000 35000 36000 37000 38000 39000 40000 41000 42000 43000 44000 45000 46000 47000 48000 49000 50000 51000 52000 53000 54000 55000 56000 57000 58000 59000 60000 61000 62000 63000 64000 65000 66000 67000 68000 69000 70000 71000 72000 73000 74000 75000 76000 77000 78000 79000 80000 81000 82000 83000 84000 85000 86000 87000 88000 89000 90000 91000 92000 93000 94000 95000 96000 97000 98000 99000 100000

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RECEIVED
 DEC 31 1998
 USGS NMD
 HISTORICAL MAP ARCHIVES

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-2069	1902	1:10,000	06-25
H-2070	1902	1:10,000	04-23
H-2071	1902	1:10,000	05-25
H-2072	1904	1:20,000	04-20
H-2073	1904	1:20,000	07-07
H-2074	1905	1:10,000	05-10
H-2075	1905	1:10,000	02-06
H-2076	1905	1:10,000	02-04



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