

PRODUCED BY THE U. S. GEOLOGICAL SURVEY AND THE NATIONAL OCEAN SURVEY

Base map prepared by the Defense Mapping Agency from 1:25,000, 1:31,680, and 1:62,500 quadrangles dated 1900-46. Planimetry partially revised from aerial photographs taken 1936. Revised by the U. S. Geological Survey, 1969.

Bathymetry compiled by the National Ocean Survey from tide-coordinated hydrographic surveys. Bathymetric survey data comply with International Hydrographic Organization (IHO) Special Publication 44 accuracy standards and standards used at the date of the survey. This information is not intended for navigational purposes.

Mean low water (dotted) line and mean high water (solid) line compiled by NOS tide-coordinated aerial photographs.

Offshore protection survey data, shown in red, compiled by the Bureau of Land Management. Heavy lines indicate limits of BLM Outer Continental Shelf Official Protection Diagrams dated June 22, 1977. The protections on this map are not for Federal leasing purposes; for such purposes, refer to the OCS Official Protection Diagrams available from Bureau of Land Management.

Transverse Mercator Projection, 10,000-meter Universal Transverse Mercator grid, zone 18. 100,000-foot grid ticks based on North Carolina coordinate system and Virginia coordinate system, south zone, 1927 North American Datum. To place on the predicted North American Datum 1983, move the projection lines 10 meters south and 33 meters west.

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram.

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

LEGEND

Figures in red denote approximate distances in miles between stars

POPULATED PLACES

- Over 500,000
- 100,000 to 500,000
- 25,000 to 100,000
- 5,000 to 25,000
- 1,000 to 5,000
- Link less than 1,000

ROADS

- Primary, all-weather, hard surface
- Secondary, all-weather, hard surface
- Light-duty, all-weather, hard or improved surface
- Fair or dry weather, unimproved surface
- Trail
- Interchanges

RAILROADS

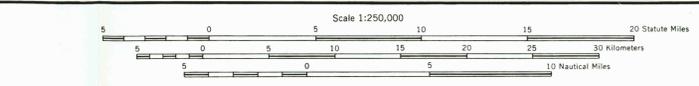
- Normal gauge
- Narrow gauge
- Single track Double or Multiple

BOUNDARIES

- International
- State
- County
- Park or reservation

Other Features

- Landplane airport
- Landing area
- Seaplane airport
- Marsh or swamp
- Approximate shoreline
- Sounding datum line
- Woods/bushwood
- Route markers: Interstate, U.S., State
- Mine
- Lighthouse, School, Church, Other
- Spot elevation in feet
- Marsh or swamp
- Approximate shoreline
- Sounding datum line



ENTIRE AREA BELOW 50 FEET NATIONAL GEODETIC VERTICAL DATUM OF 1929 BATHYMETRIC CONTOUR INTERVALS: 10 METERS TO 200 METER DEPTH SUPPLEMENTED BY 2 METER INTERVALS, 50 METERS TO MAXIMUM DEPTH DATUM: MEAN LOW WATER THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

1980 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 8W (150 MILS) WESTERLY FOR THE CENTER OF THE WEST EDGE TO 10° (180 MILS) WESTERLY FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092 AND BY NATIONAL OCEAN SURVEY, ROCKVILLE, MARYLAND 20852

NATIONAL OCEAN SURVEY HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUTICAL MILES)
H-865	1888	1:40,000	50-17
H-1181	1884	1:20,000	18-74
H-1752	1916	1:30,000	10-40
H-2022	1915	1:20,000	25-40
H-2892	1916	1:20,000	08-15
H-3082	1919	1:40,000	125-13
H-3272	1915	1:20,000	02-07
H-3892	1916	1:20,000	02-07
H-4082	1919	1:40,000	02-07
H-4282	1915	1:20,000	10-10
H-4482	1915	1:20,000	10-10
H-4682	1915	1:20,000	10-10
H-4882	1915	1:20,000	10-10
H-5082	1915	1:20,000	10-10
H-5282	1915	1:20,000	10-10
H-5482	1915	1:20,000	10-10
H-5682	1915	1:20,000	10-10
H-5882	1915	1:20,000	10-10
H-6082	1915	1:20,000	10-10
H-6282	1915	1:20,000	10-10
H-6482	1915	1:20,000	10-10
H-6682	1915	1:20,000	10-10
H-6882	1915	1:20,000	10-10
H-7082	1915	1:20,000	10-10
H-7282	1915	1:20,000	10-10
H-7482	1915	1:20,000	10-10
H-7682	1915	1:20,000	10-10
H-7882	1915	1:20,000	10-10
H-8082	1915	1:20,000	10-10
H-8282	1915	1:20,000	10-10
H-8482	1915	1:20,000	10-10
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H-8882	1915	1:20,000	10-10
H-9082	1915	1:20,000	10-10
H-9282	1915	1:20,000	10-10
H-9482	1915	1:20,000	10-10
H-9682	1915	1:20,000	10-10
H-9882	1915	1:20,000	10-10
H-10082	1915	1:20,000	10-10
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H-10482	1915	1:20,000	10-10
H-10682	1915	1:20,000	10-10
H-10882	1915	1:20,000	10-10
H-11082	1915	1:20,000	10-10
H-11282	1915	1:20,000	10-10
H-11482	1915	1:20,000	10-10
H-11682	1915	1:20,000	10-10
H-11882	1915	1:20,000	10-10
H-12082	1915	1:20,000	10-10
H-12282	1915	1:20,000	10-10
H-12482	1915	1:20,000	10-10
H-12682	1915	1:20,000	10-10
H-12882	1915	1:20,000	10-10
H-13082	1915	1:20,000	10-10
H-13282	1915	1:20,000	10-10
H-13482	1915	1:20,000	10-10
H-13682	1915	1:20,000	10-10
H-13882	1915	1:20,000	10-10
H-14082	1915	1:20,000	10-10
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H-17682	1915	1:20,000	10-10
H-17882	1915	1:20,000	10-10
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H-18682	1915	1:20,000	10-10
H-18882	1915	1:20,000	10-10
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H-29082	1915	1:20,000	10-10
H-29282	1915	1:20,000	10-10
H-29482	1915	1:20,000	10-10
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H-30082	1915	1:20,000	10-10
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H-35682	1915	1:20,000	10-10
H-35882	1915	1:20,000	10-10
H-36082	1915	1:20,000	10-10
H-36282	1915	1:20,000	10-10
H-36482	1915	1:20,000	10-10
H-36682	1915	1:20,000	10-10
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H-37082	1915	1:20,000	10-10
H-37282	1915	1:20,000	10-10
H-37482	1915	1:20,000	10-10
H-37682	1915	1:20,000	10-10
H-37882	1915	1:20,000	10-10
H-38082	1915	1:20,000	10-10
H-38282	1915	1:20,000	10-10
H-38482	1915	1:20,000	10-10
H-38682	1915	1:20,000	10-10
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H-39082	1915	1:20,000	10-10
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