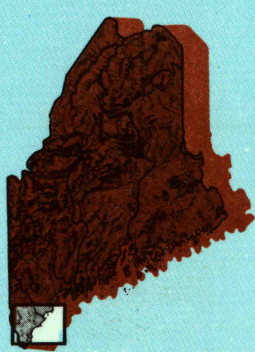
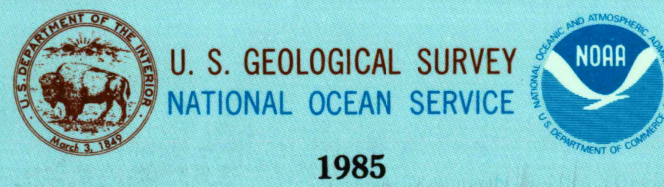


Kittery
MAINE-NEW HAMPSHIRE
1:100 000-scale metric
topographic-bathymetric map



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



Produced by the United States Geological Survey and the National Ocean Service
Compiled from USGS 1:250 000-scale topographic maps dated 1956-1983
Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic survey data. This information is not intended for navigational purposes.
Mean low water (dotted) line and mean high water (dashed) line compiled by NOS from tide-coordinated aerial photographs. Apparent shoreline (outer edge of reported) shown by light solid line.
Projection and 10 000-meter grid, zone 18 Universal Transverse Mercator 20 000-foot grid scale based on Maine coordinate system, zone one and New Hampshire coordinate system 1983 North American Datum.
To place on the pre-1983 North American Datum 1983, move the projection lines 5 meters south and 42 meters west.
Oblique projection survey data, shown in red, compiled by the Minerals Management Service. These data indicate limits of 1983 Outer Continental Shelf Official Protection Diagrams dated October 31, 1974. The protection on this map is not for Federal leasing purposes. For such purposes, refer to the 1:250 000-scale OCS Official Protection Diagrams available from the Minerals Management Service.
There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL: 10 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER
BATHYMETRIC CONTOUR INTERVAL: 10 METERS WITH SUPPLEMENTARY 2 METER CONTOURS NEAR LOWER LOW WATER DATUM
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

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 AS OF THE DATE OF THE SURVEYS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	MAGNETIC DECLINATION (MAGNETIC VARIATION)		1	2	3
1	3.2808	17° 00' 00"		4	5	
2	6.5617	17° 00' 00"		6	7	8
3	9.8425	17° 00' 00"				
4	13.1234	17° 00' 00"				
5	16.4043	17° 00' 00"				
6	19.6852	17° 00' 00"				
7	22.9661	17° 00' 00"				
8	26.2469	17° 00' 00"				
9	29.5278	17° 00' 00"				
10	32.8084	17° 00' 00"				

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

UTM grid convergence (M) at center of map
Diagram is approximate

1 Lake Windward
2 Portland
3 Bath
4 Concord
5 Lowell
6 Gloucester
7 Gloucester
8 Gloucester

FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80205, OR RESTON, VIRGINIA 22092
AND NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852

Topographic Map Symbols

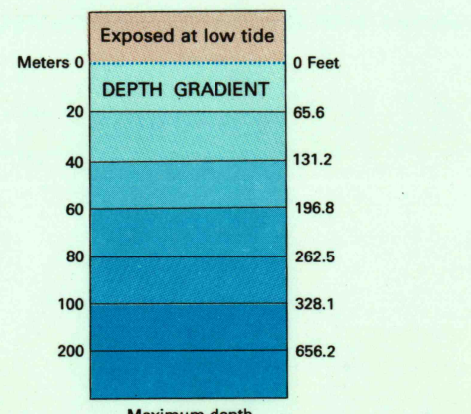
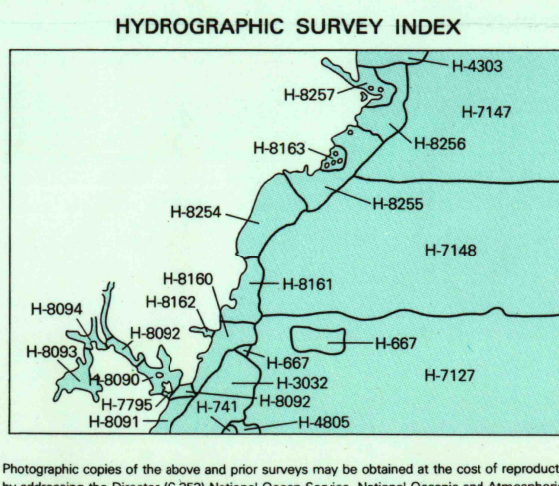
- Primary highway, hard surface
Secondary highway, hard surface
Light duty road, principal street, hard or improved surface
Other road or street, trail
Route marker: Interstate, U. S. State
Railroad: standard gauge, narrow gauge
Bridge: overpass, underpass
Tunnel: road, railroad
Built up area, locality, elevation
Airport: landing field, landing strip
National boundary
State boundary
County boundary
National or State reservation boundary
Land grant boundary
U. S. public lands survey: range, township, section
Range, township, section line: protected
Power transmission line, pipeline
Dam; dam with lock
Wetland: water, wetland, spring
Mine shaft; old or cave, mine, quarry, gravel pit
Campground; picnic area; U. S. location monument
Ruins; diff dwelling
Distorted surface: strip mine, low, sand
Contour: index, intermediate, supplementary
Bathymetric contours: index, intermediate
Stream, lake: perennial, intermittent
Rapids, large and small; falls, large and small
Area to be submerged; marsh, swamp
Land subject to controlled inundation; woodland
Sand; meadow
Orchard; vineyard

A pamphlet describing topographic maps is available on request

RETURN TO:
USGS AND HISTORICAL MAP ARCHIVES

1985

HYDROGRAPHIC SURVEY INFORMATION			
SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-487	1959	1:40,000	20.44
H-511	1959-14	1:10,000	20.40
H-503	1959	1:20,000	20.42
H-502	1959	1:20,000	22.25
H-505	1959	1:20,000	22.25
H-517	1957	1:40,000	20.36
H-512	1958	1:40,000	20.40
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