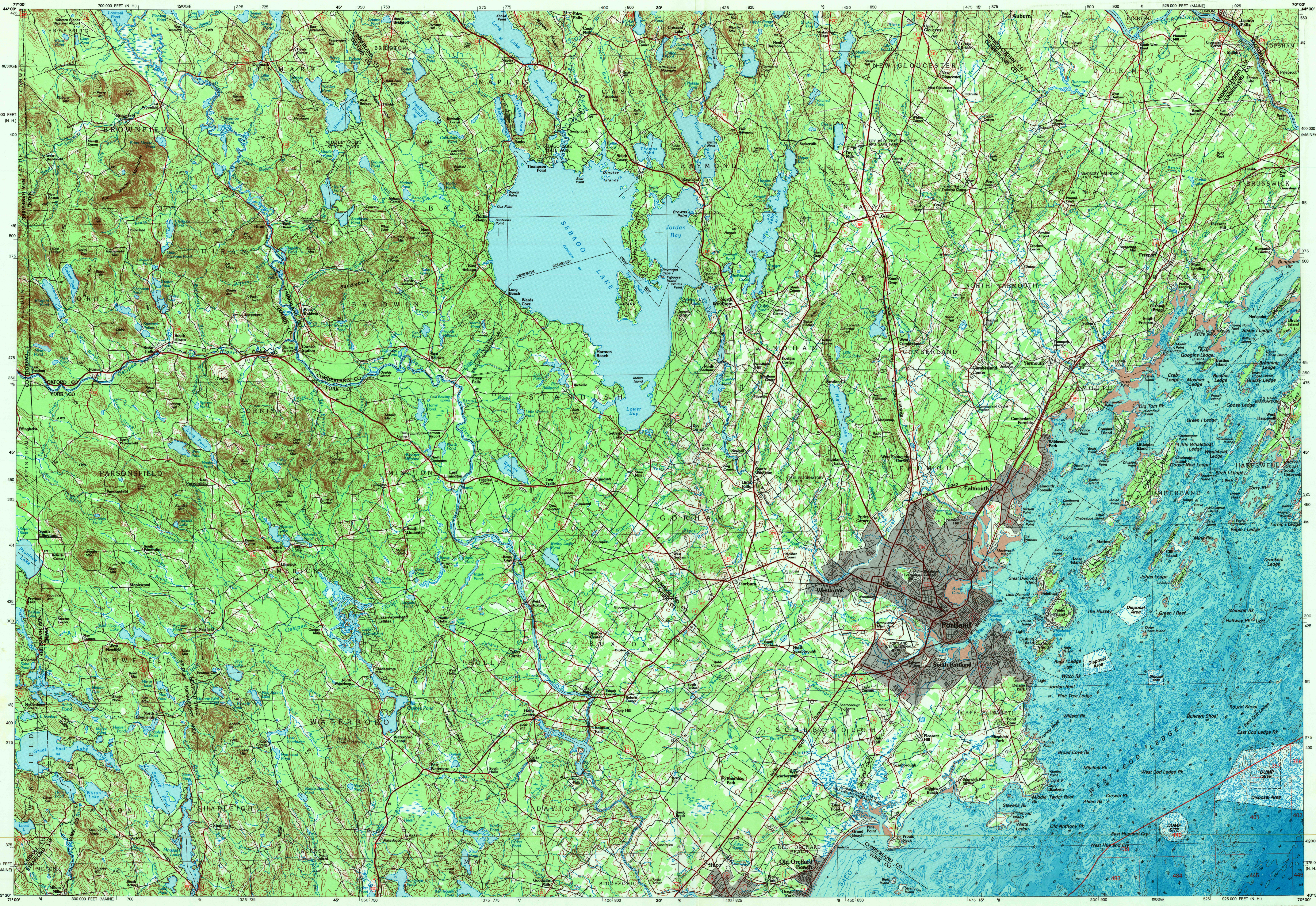
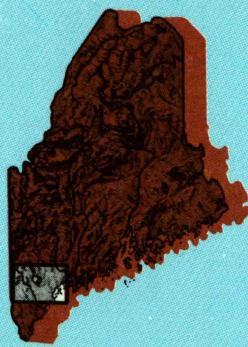


PORTLAND, MAINE-NEW HAMPSHIRE



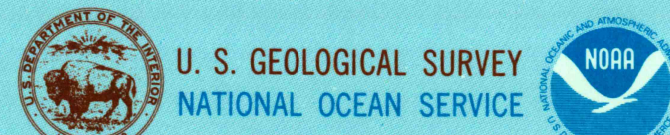
Portland  
MAINE-NEW HAMPSHIRE

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



1985  
PHOTOINSPECTED 1988

Produced by the United States Geological Survey and the National Ocean Service  
Compiled from USGS 1:250,000 and 1:62,500-scale topographic maps dated 1944-1983  
Hydrography compiled from aerial photographs taken 1972, 1982 and other source data. Revised information not field checked. Map dated 1988

Hydrography 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) computed by NOS from tide-coordinated aerial photographs. Approximate shoreline (dashed line) shown by light solid line  
Projection and 10,000-meter grid, zone 19 Universal Transverse Mercator 25,000-foot grid ticks based in Maine coordinate system, zone zone 1927 North American datum  
To place on the projected North American Datum 1983, move the projection lines 4 meters south and 41 meters west

Official protection survey data, shown in red, furnished by the Minerals Management Service. Heavy lines indicate limits of Outer Continental Shelf Official Protection Diagram dated October 21, 1974. The protection on the diagram is not for Federal liability purposes. For such purposes, refer to OCS Official Protection Diagram available from the Minerals Management Service  
There may be private landholdings within the boundaries of the National or State reservations shown on this map

Map photoinspected using 1988 photographs  
No major culture or drainage changes found  
CONTOUR INTERVAL 10 METERS  
NATIONAL GRID COORDINATE SYSTEM  
ELEVATIONS SHOWN TO THE NEAREST METER  
BATHYMETRIC CONTOUR INTERVAL 10 METERS  
2 METERS CONTOUR-SEAN LOWER LOW WATER DATUM  
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

BASE MAP COMPILED WITH NATIONAL MAP ACCURACY STANDARDS. BATHYMETRIC SURVEY DATA COMPILED WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 44 ACCURACY STANDARDS AND/OR STANDARDS USED AS OF THE DATE OF THE SURVEYS

# CONVERSION TABLE

Meters      Feet

1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9658
8	26.2467
9	29.5275
10	32.8084

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

# DECLINATION DIAGRAM

17°

302 MILS

18 MILS

UTM grid convergence (GCM) and 180 magnetic declination (MAG) at center of map

Diagram is approximate

# ADJOINING MAPS

1	2	3
4	5	
6	7	8

1 Mt. Washington

2 Lewiston

3 Augusta

4 Lake Umbagog

5 Bath

6 Concord

7 Kenney

8

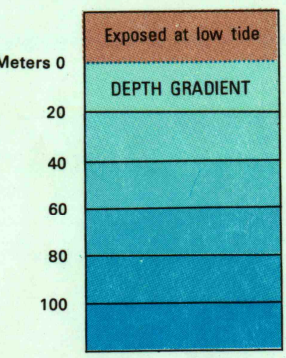
FOR SALE BY U.S. GEOLOGICAL SURVEY  
DENVER, COLORADO 80202 OR RESTON, VIRGINIA 22092  
AND NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852

Topographic Map Symbols

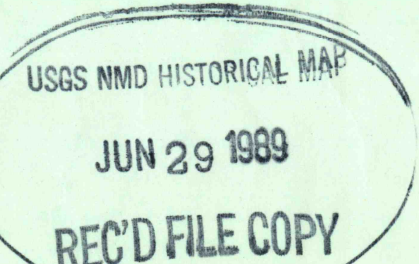
- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, trail
- Route marker: Interstate, U.S., State
- Railroad: standard gage; narrow gage
- Bridge: overpass; underpass
- Tunnel: road, railroad
- Built up 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: constructed
- Power transmission line, pipeline
- Dam; dam with lock
- Cemetery; building
- Windmill; water well; spring
- Mine shaft; old or cave; mine; quarry; gravel pit
- Campground; picnic area; U.S. location monument
- Ruins; cliff dwelling
- Distorted surface: strip mine, lava, sand
- Cultural: Indian, prehistoric, archaeological
- 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
- Scrub; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

HYDROGRAPHIC SURVEY INDEX



HYDROGRAPHIC SURVEY INFORMATION			
SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-4303	1909	1:20,000	02.25
H-4881	1941	1:20,000	02.50
H-4972	1941	1:20,000	01.00
H-4973	1942	1:20,000	01.00
H-4974	1943	1:20,000	01.00
H-4975	1943	1:20,000	01.00
H-4976	1943	1:20,000	01.00
H-4977	1943	1:20,000	01.00
H-4978	1943	1:20,000	01.00
H-4979	1943	1:20,000	01.00
H-4980	1943	1:20,000	01.00
H-4981	1943	1:20,000	01.00
H-4982	1943	1:20,000	01.00
H-4983	1943	1:20,000	01.00
H-4984	1943	1:20,000	01.00
H-4985	1943	1:20,000	01.00
H-4986	1943	1:20,000	01.00
H-4987	1943	1:20,000	01.00
H-4988	1943	1:20,000	01.00
H-4989	1943	1:20,000	01.00
H-4990	1943	1:20,000	01.00
H-4991	1943	1:20,000	01.00
H-4992	1943	1:20,000	01.00
H-4993	1943	1:20,000	01.00
H-4994	1943	1:20,000	01.00
H-4995	1943	1:20,000	01.00
H-4996	1943	1:20,000	01.00
H-4997	1943	1:20,000	01.00
H-4998	1943	1:20,000	01.00
H-4999	1943	1:20,000	01.00



Photographic copies of the above and prior surveys may be obtained at the cost of reproduction  
from the National Ocean Service, National Ocean Service, National Oceanic and Atmospheric Administration, Rockville, Maryland 20852