

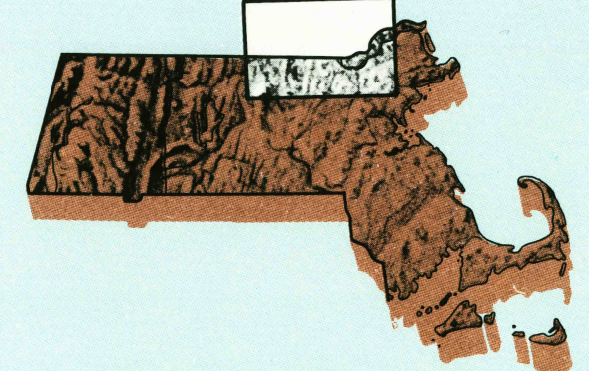
LOWELL, MASSACHUSETTS – NEW HAMPSHIRE

30 X 60 MINUTE SERIES (PLANIMETRIC)

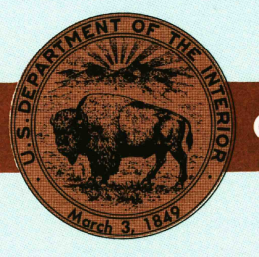
Lowell

MASSACHUSETTS NEW HAMPSHIRE

1:100 000-scale
planimetric map



- 30 X 60 MINUTE QUADRANGLE
SHOWING
- Elevations in meters
- Highways, roads and other
manmade structures
- Water features
- Woodland areas
- Geographic names



GEOLOGICAL SURVEY

1984

Produced by the United States Geological Survey
Compiled from USGS 1:24 000, 1:25 000, and 1:62 500-scale
topographic maps dated 1953–1979. Planimetry revised from
aerial photographs taken 1978 and other source data. Revised
information not held checked. Map edited 1984.
Projection and 10 000-meter grid, zone 19; Universal Transverse
Mercator.
25 000-foot grid ticks based on New Hampshire coordinate system
and Massachusetts coordinate system, mainland zone
1927 North American Datum.
To place on the predicted North American Datum 1983 move the
projection lines 6 meters south and 40 meters west.
There may be private inholdings within the boundaries of the
National or State reservations shown on this map.

NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

To convert meters to feet
multiply by 3.2808

To convert feet to meters
multiply by 0.3048

DECLINATION DIAGRAM

ADJOINING MAPS

1	2	3
4	5	6
7	8	

1 Chelmsford
2 Concord
3 Haverhill
4 Keene
5 Gloucester
6 Hallowell
7 Boston
8 Provincetown

FOR SALE BY U.S. GEOLOGICAL SURVEY
RESTON, VIRGINIA 22092

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

Cemetery; building

Windmill; water well; spring

Mine shaft; adit or cave; mine, quarry; gravel pit

Campground; picnic area; U. S. location monument

Rails; rail switching

Disturbed surface: strip mine, lava, sand

Contours: index; intermediate; supplementary

Bathymetric contours: index; intermediate

Stream, lake: perennial; intermittent

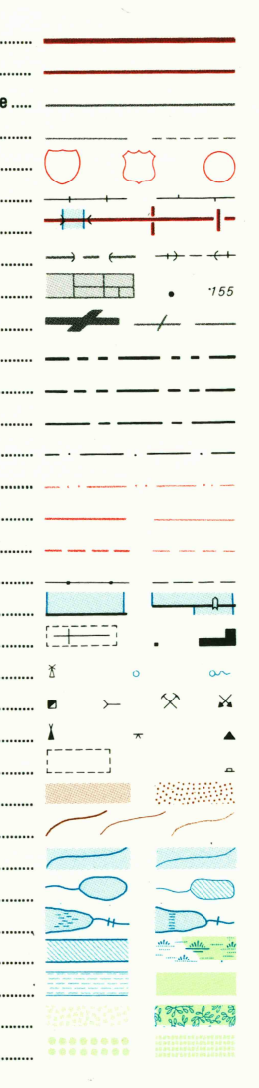
Rapids, large and small; falls, large and small

Area to be submerged; marsh, swamp

Land subject to controlled inundation; woodland

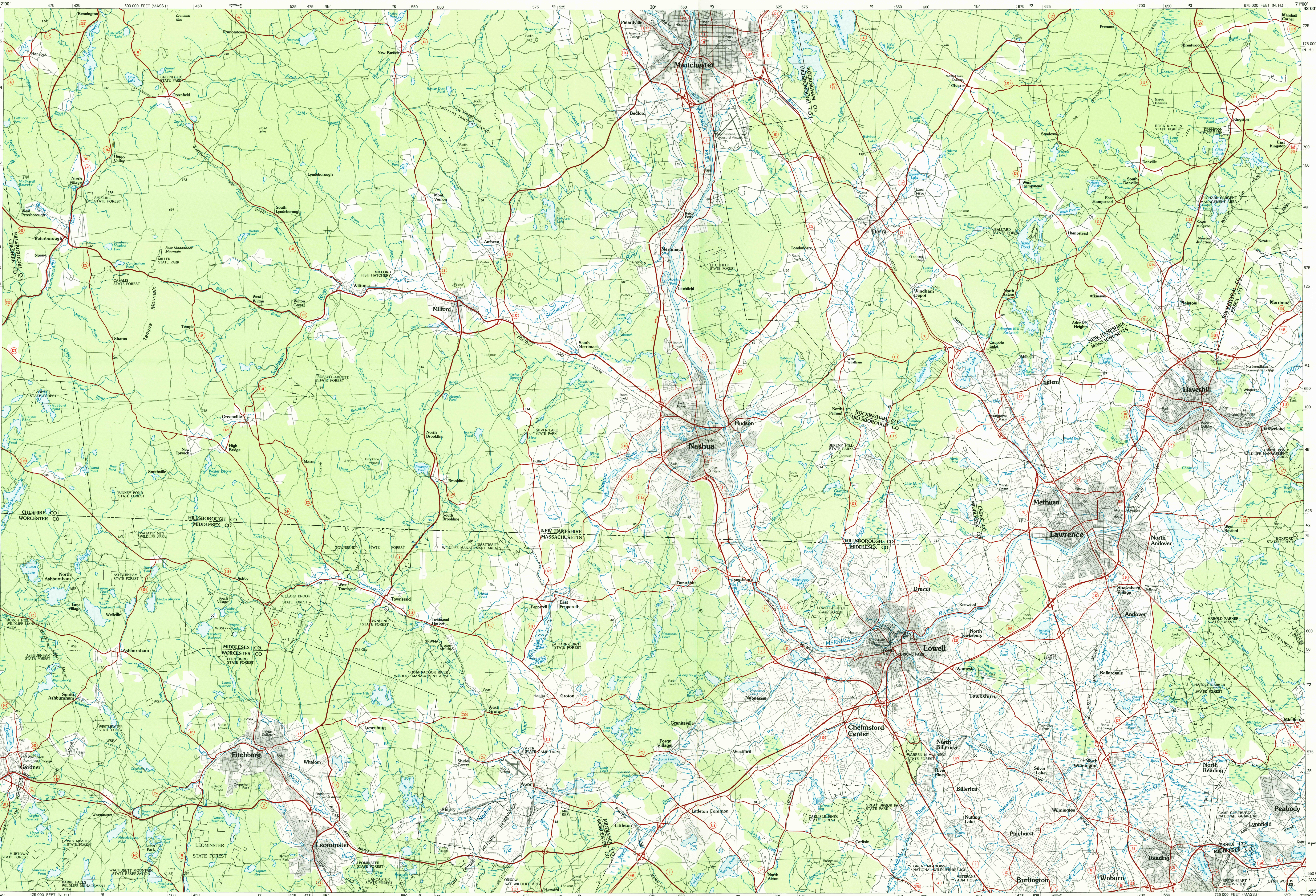
Scrub; mangrove

Orchard; vineyard



A pamphlet describing topographic maps is available on request

RETURN TO:
USGS AND HISTORICAL MAP ARCHIVES



INTERIOR-GEODETIC SURVEY, RESTON, VIRGINIA-1984

LOWELL, MASS. – N. H.

42071-E1-PL-100

1984

SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 KILOMETERS

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 MILES

0 1000 5000 10000 15000 20000 25000 30000 35000 40000 45000 50000 55000 60000 65000 70000 FEET