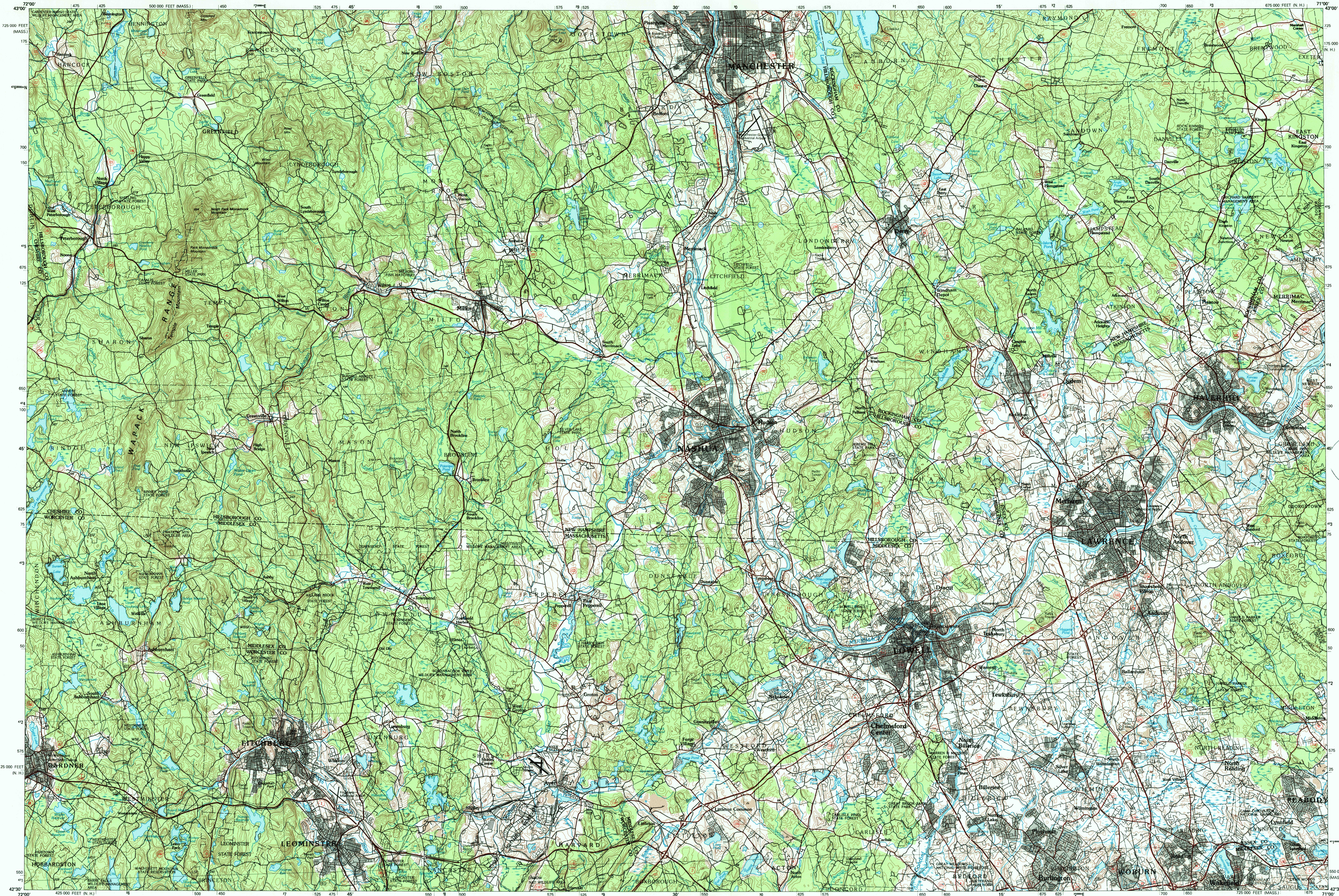
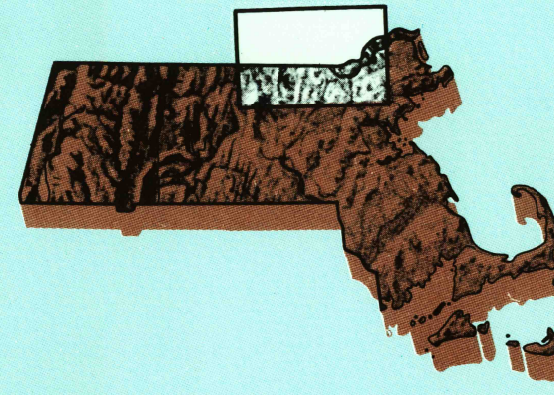


LOWELL, MASSACHUSETTS – NEW HAMPSHIRE

30 X 60 MINUTE SERIES (TOPOGRAPHIC)

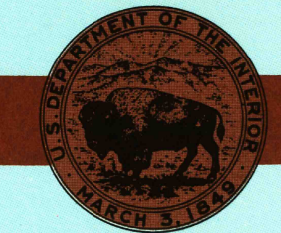


Lowell
MASSACHUSETTS
NEW HAMPSHIRE
1:100 000-scale *metric*
topographic map



**30 X 60 MINUTE QUADRANGLE
SHOWING**

- **Contours and elevations in meters**
- **Highways, roads and other manmade structures**
- **Water features**
- **Woodland areas**
- **Geographic names**



GEOLOGICAL SURVEY

1988

Produced by the United States Geological Survey
Compiled from 1:24 000 and 1:62 500-scale topographic maps
dated 1953-1979. Planimetry revised from aerial photographs
taken 1985 and other source data. Revised information not
field checked. Map edited 1988

Projection and 10 000-meter grid, zone 19, Universal Transverse Mercator
25 000-foot grid ticks based on Massachusetts coordinate system, mainland zone and New Hampshire coordinate system
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

CONTOUR INTERVAL 10 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

USGS NMD HISTORICAL MAP THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

APR 18 1989

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[illegible]

FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR 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 marked: interstate; U.S.; State	
Relief: 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: protracted	
Power transmission line, pipeline	
Dam, dam with lock	
Cemetery; building	
Wellhead; water well; spring	
Mine shaft; adit or cave; mine; quarry; gravel pit	
Compound; picnic area; U.S. location monument	
Ruins; cliff dwelling	
Distorted surface: strip mine, lava; sand	
Contours: index; intermediate; supplementary	
Bathymetry; 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	

A pamphlet describing topographic maps is available on request

LOWELL, MASS. — N. H.

42071-E1-TM-100

1988