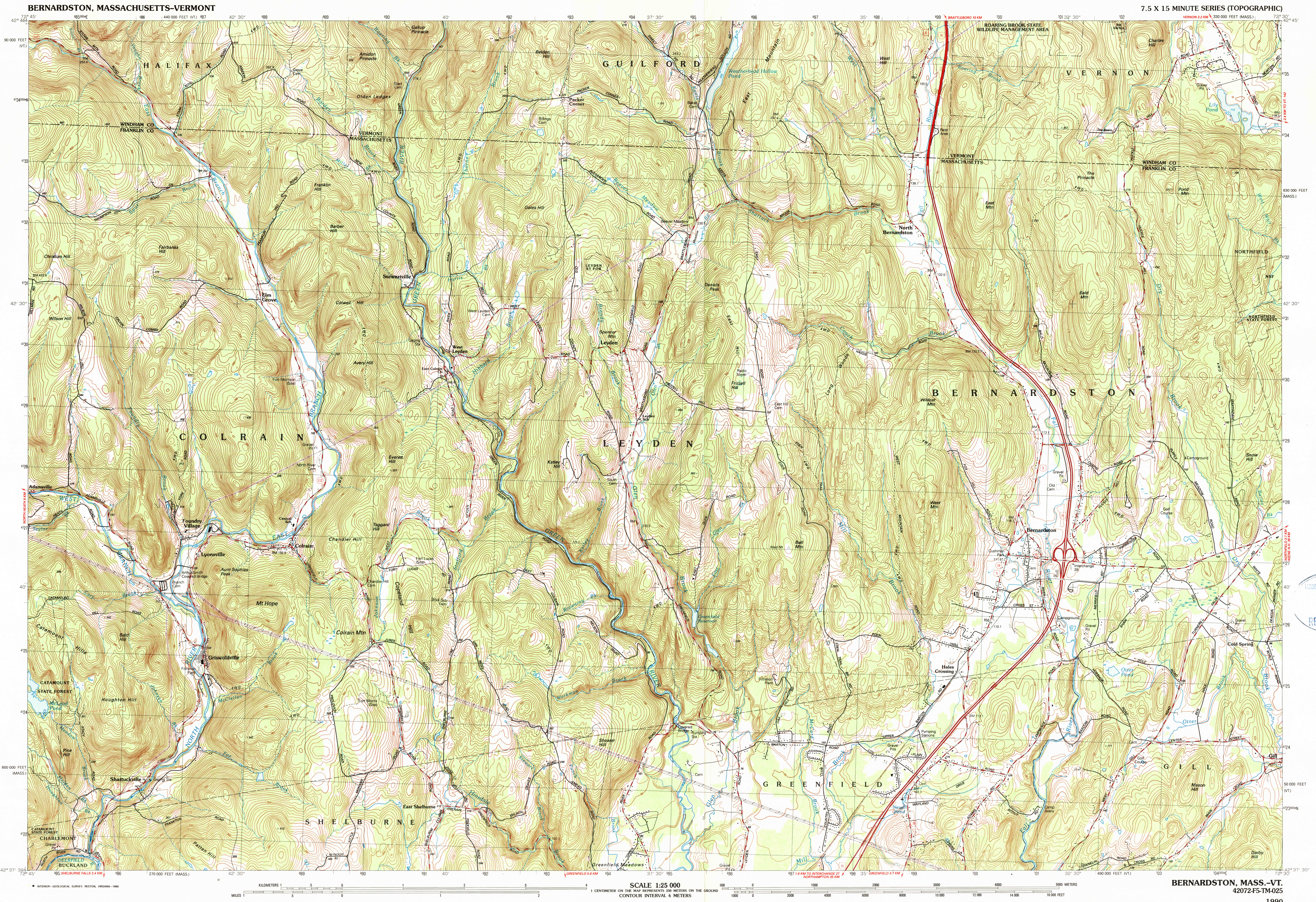
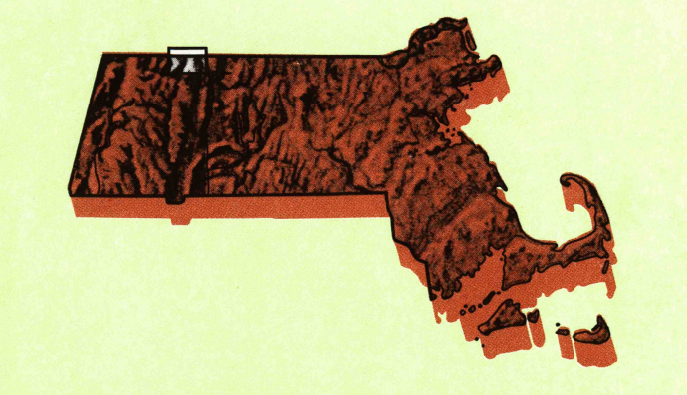




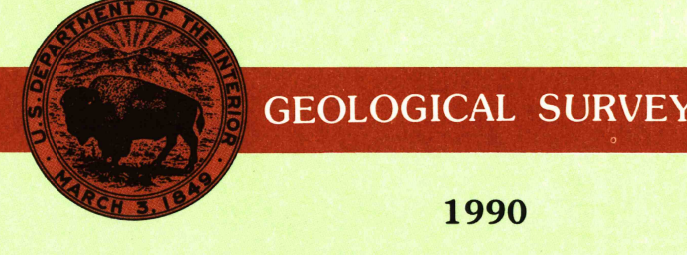
Bernardston

MASSACHUSETTS-VERMONT

1:25 000-scale metric
topographic map



- 7.5 X 15 MINUTE QUADRANGLE
SHOWING
- Contours and elevations in meters
 - Highways, roads and other manmade structures
 - Water features
 - Woodland areas
 - Geographic names



Produced by the United States Geological Survey
Control by USGS, NOS/NOAA, and Commonwealth of Massachusetts agencies
Compiled by photogrammetric methods from aerial photographs taken 1981. Field checked 1984. Map edited 1990
Supersedes Bernardston and Colrain 1:25,000-scale maps dated 1977. This area also covered by 7.5 minute, 1:24,000-scale maps: Bernardston and Colrain dated 1977
Projection and 1000-meter grid, zone 18
Universal Transverse Mercator
10,000-foot grid ticks based on Massachusetts coordinate system, mainland zone, and Vermont coordinate system
To place on the predicted North American datum 1983, move the projection lines 5 meters south and 38 meters west as shown by dashed corner ticks
There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 6 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST METER
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS			
Meters	Feet		1	2	3	
1	3.2808		1	2	3	
2	6.5617		4	5		
3	9.8425					
4	13.1234					
5	16.4042		6	7	8	
6	19.6850					
7	22.9658					
8	26.2466					
9	29.5274					
10	32.8082					
To convert meters to feet multiply by 3.2808		UTM grid convergency (GM) and 1990 magnetic declination (M) at center of map Diagram is approximate				
To convert feet to meters multiply by 0.3048						

FOR SALE BY U.S. GEOLOGICAL SURVEY
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Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light-duty road, hard or improved surface
- Unimproved road, trail
- Road marker: Interstate, U.S., State
- Railroad: standard gauge; narrow gauge
- Bridge: drawbridge
- Footbridge, overpass, underpass
- Built-up area: only selected building shown
- House, barn, church, school; large structure
- Boundary
- National, with monument
- State
- County, parish
- Civil township, precinct, district
- Incorporated city, village, town
- National or State reservation; park
- Land grant with monument; found section corner
- U.S. public lands survey: range, township, section
- Range, township, section line: location approximate
- Power or field line
- Power transmission line, located tower
- Dam; dam with lock
- Cemetery, grave
- Campground; picnic area; U.S. forest ranger station
- Windmill; water well; spring
- Mine shaft; prospect; adit or cave
- Control: horizontal station; vertical station; spot elevation
- Contours: index; intermediate; supplementary; depression
- Disturbed surface: strip mine, levee, sand
- Sounding: depth curve
- Perennial lake and stream; intermittent lake and stream
- Rapids, large and small; falls, large and small
- Swamp, marsh
- Submerged marsh; land subject to controlled inundation
- Wooded; scattered trees
- Scrub, mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request