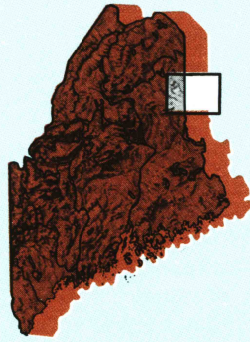


Houlton
MAINE-NEW BRUNSWICK

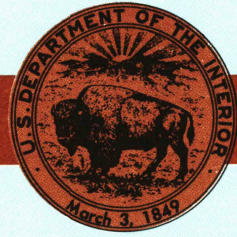
1:100 000-scale metric
topographic map



30 X 60 MINUTE QUADRANGLE
SHOWING

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

USGS Library
Reston, VA,
Topo Archive



U. S. GEOLOGICAL SURVEY

1993

Produced by the United States Geological Survey
Compiled from USGS 1:62 500-scale topographic maps dated 1951. Planimetry revised from aerial photographs taken 1989 and other source data. Revised information not field checked. Map edited 1993
Canadian portion copied from Department of Energy, Mines and Resources. 1:50,000-scale topographic maps dated 1981
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1927 North American Datum (NAD 27). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 19
25 000-foot ticks: Maine coordinate system, east zone
The difference between NAD 27 and North American Datum of 1983 (NAD 83) is too small to show at this scale. The values of the shift between the datums for 2.5-minute intersections are given in USGS Bulletin 1875

CONTOUR INTERVAL 10 METERS IN UNITED STATES
CONTOUR INTERVAL 10 METERS IN CANADA

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

THE U.S. PORTION OF THIS MAP COMPLIES WITH NATIONAL MAP
ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS
Meters	Feet		1 2 3
1	3.2808		4
2	6.5617		5
3	9.8425		6
4	13.1234		7
5	16.4042		8
6	19.6850		
7	22.9659		
8	26.2467		
9	29.5276		
10	32.8084		
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map Diagram is approximate	1 Presque Isle
To convert feet to meters multiply by 0.3048			2 Fort Fairfield
			3
			4 Oakfield
			5
			6 Millisnoet
			7 Danforth
			8

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 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	—————
Civil township 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	—————
Windmill; water well; spring	—————
Mine shaft; adit or cave; mine; quarry; gravel pit	—————
Campground; picnic area; U.S. location monument	—————
Ruins; cliff dwelling	—————
Distorted surface: strip mine, lava, sand	—————
Contours: index; intermediate; supplementary	—————
Bathymetric contours: index; intermediate	—————
Stream, lake: perennial, intermittent	—————
Reefs, large and small; reefs, 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

HOULTON, MAINE-NEW BRUNSWICK
46067-A1-TM-10C

1993

• INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1993

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

SCALE 1:100 000
1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
CONTOUR INTERVAL 10 METERS IN UNITED STATES
CONTOUR INTERVAL 10 METERS IN CANADA