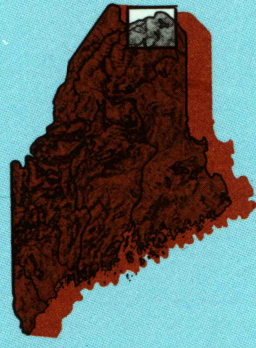


Madawaska

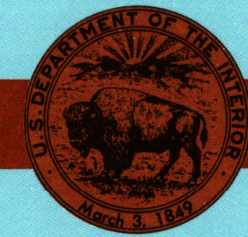
MAINE-NEW BRUNSWICK

1:100 000-scale metric
topographic map



30 X 60 MINUTE QUADRANGLE
SHOWING

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



U. S. GEOLOGICAL SURVEY

1994

Produced by the United States Geological Survey
Compiled from USGS 1:62 500-scale topographic maps dated 1928-1953. Planimetry revised from aerial photographs taken 1975 and 1989-91 and other source data. Revised information not field checked. Map edited 1994 Canadian portion copied from Department of Energy, Mines and Resources, 1:50,000-scale topographic maps dated 1952 and 1982-84.

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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 7-minute intersections are given in USGS Bulletin 1875.

CONTOUR INTERVAL 10 METERS IN UNITED STATES
CONTOUR INTERVAL 10 METERS, 25 AND 50 FEET IN CANADA
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER IN UNITED STATES
ELEVATIONS SHOWN TO THE NEAREST METER AND FOOT IN CANADA
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	5		
2	6.5617					
3	9.8425					
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9659					
8	26.2467					
9	29.5275					
10	32.8084					
To convert meters to feet multiply by 3.2808		UTM grid convergence (GTM and SGA magnetic declination (MM) at center of map Diagram is approximate		1 2 3 4 Allagash 5 Van Buren 6 Clayton Lake 7 Presque Isle 8 Fort Fairfield		
To convert feet to meters multiply by 0.3048						

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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	Road 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	Civil township 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	Ruins: cliff dwelling	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
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