

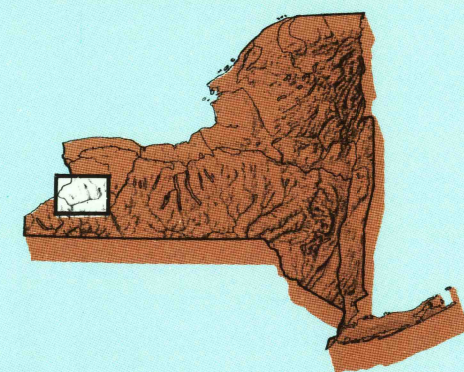
BUFFALO, NEW YORK—ONTARIO, CANADA

30 X 60 MINUTE SERIES (PLANIMETRIC)

Buffalo

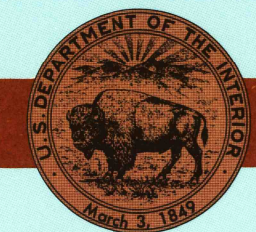
NEW YORK—  
ONTARIO, CANADA

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-scale topographic maps dated 1949–1982. Planimetry in the U. S. portion revised from photographs taken 1981 and other source data. Revised information not field checked Map edited 1984  
Projection and 10 000-meter grid, zone 17: Universal Transverse Mercator, 25 000-foot grid ticks based on New York coordinate system, west zone. 1927 North American Datum  
To place on the predicted North American Datum 1983 move the projection lines 2 meters south and 21 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                             |         | 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 (GN and 1984 magnetic declination (NM) at center of map. Diagram is approximate |                |   |   |
| To convert feet to meters multiply by 0.3048 |         |  |                |   |   |

USGS NMD HISTORICAL MAP SALE BY U. S. GEOLOGICAL SURVEY  
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

JAN 24 1990

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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                                 |  |
| 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   |  |
| 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                       |  |
| Rapids, large and small; falls, large and small             |  |
| Area to be submerged; marsh, swamp                          |  |
| Land subject to controlled inundation; woodland             |  |
| Springs; mangrove   |  |
| Orchard; vineyard   |  |

A pamphlet describing topographic maps is available on request

