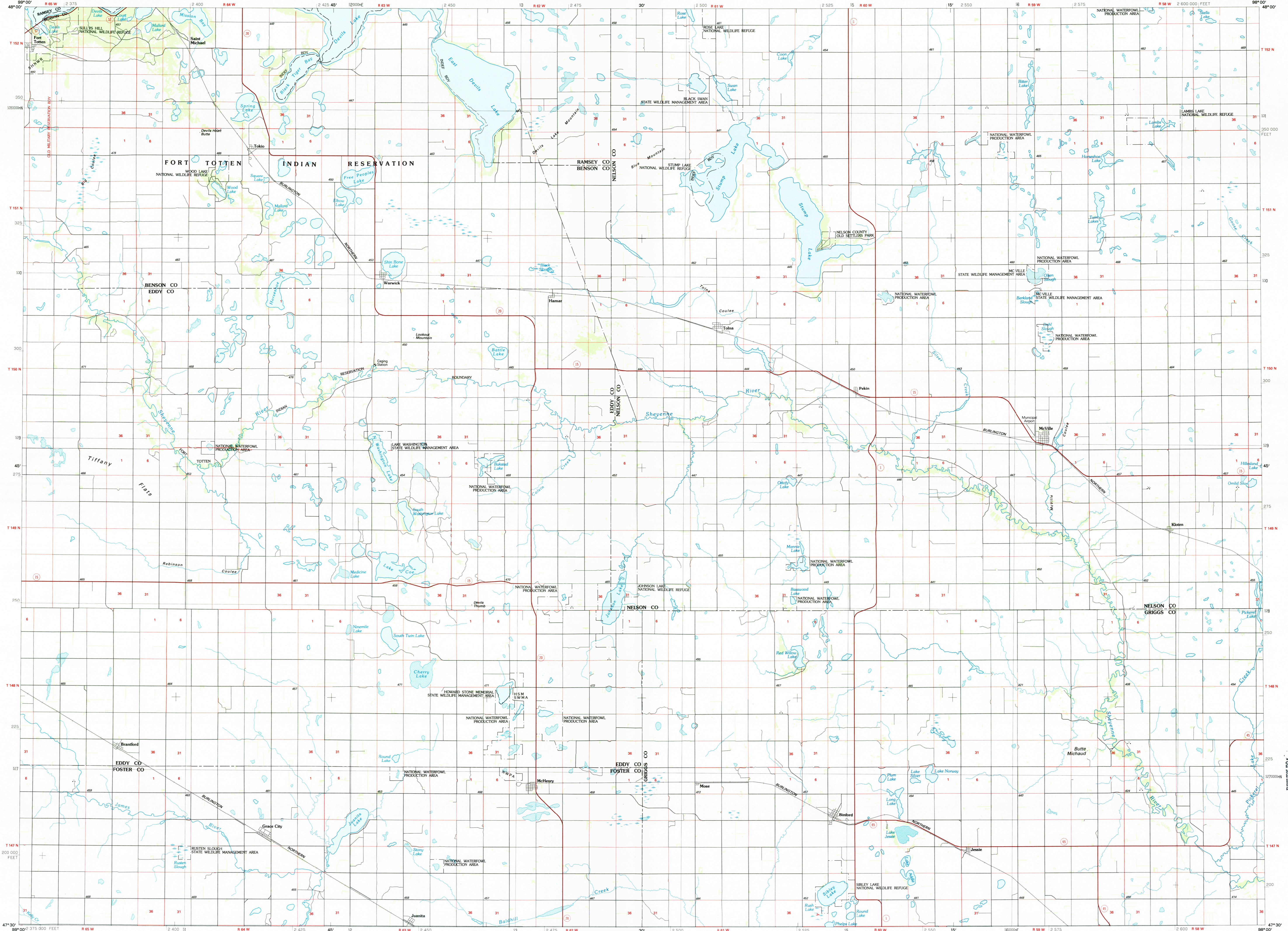


STUMP LAKE, NORTH DAKOTA

30 X 60 MINUTE SERIES (PLANIMETRIC)



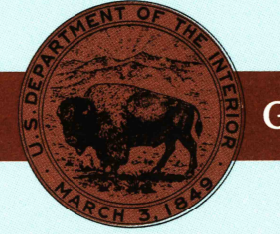
Stump Lake NORTH DAKOTA

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

1985

Produced by the United States Geological Survey
 Compiled from USGS 1:250 000-scale topographic maps dated 1949-1975. Planimetry revised from aerial photographs taken 1981 and other source data. Revised information not field checked. Map edited 1985
 Projection and 10 000-meter grid, zone 14, Universal Transverse Mercator
 25 000-foot grid ticks based on North Dakota coordinate system, north zone
 1927 North American Datum
 To place on the predicted North American Datum 1983, move the projection lines 4 meters north and 28 meters east
 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		<table border="1"> <tr><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
1	2			3											
4	5			6											
7	8			9											
10	11			12											
1	3.2808														
2	6.5615														
3	9.8423														
4	13.1230														
5	16.4038														
6	19.6845														
7	22.9653														
8	26.2460														
9	29.5268														
10	32.8075														

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048

UTM grid convergence (GN and MD) magnetic declination (MN) at center of map
 Diagram is approximate

1 Leeds
 2 Devils Lake
 3 Grattan
 4 New Rockford
 5 Grand Forks
 6 Carrington
 7 Cooperstown
 8 Hillsboro

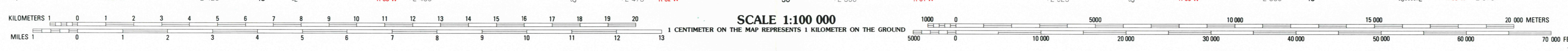
FOR SALE BY U.S. GEOLOGICAL SURVEY DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

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
- Spill 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
- Scrub; mangrove
- Orchard; vineyard

RETURN TO USGS AND HISTORICAL MAP ARCHIVES

INTERIOR—GEOLOGICAL SURVEY RESTON, VIRGINIA 20192



STUMP LAKE, NORTH DAKOTA 47098-E1-PL-100

1985

A pamphlet describing topographic maps is available on request