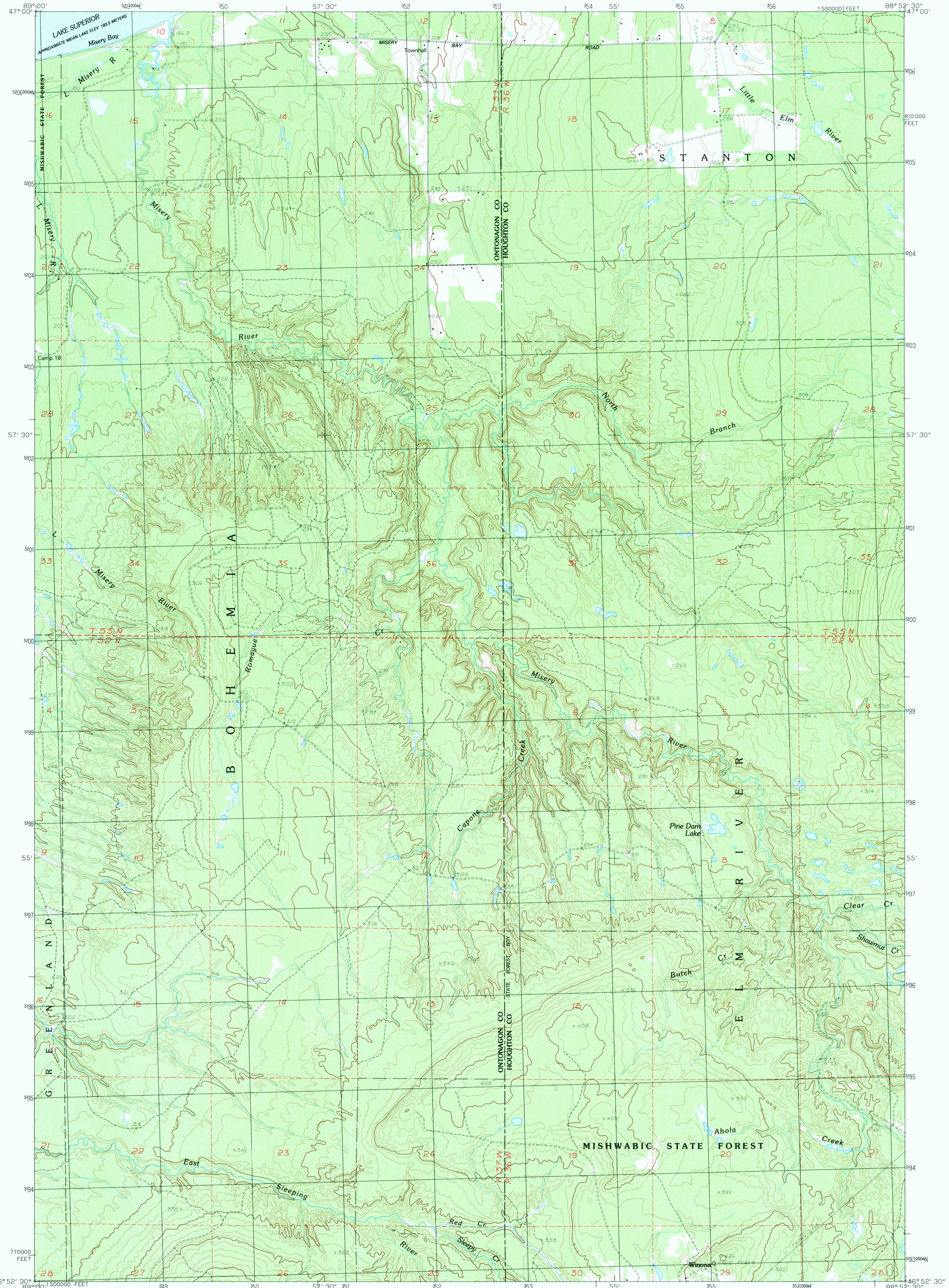
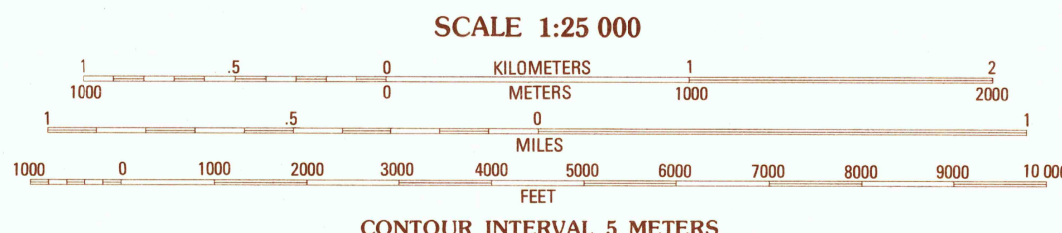




PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY ..... USGS AND NOS/NOAA  
COMPILED BY DIGITAL-PHOTOGRAMMETRIC METHODS FROM AERIAL  
PHOTOGRAPHS TAKEN ..... 1976  
FIELD CHECKED ..... 1977. MAP EDITED ..... 1982  
PROJECTION ..... LAMBERT CONFORMAL CONIC  
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 18  
10,000-FOOT STATE GRID TICKS ..... MICHIGAN NORTH ZONE  
UTM GRID DECLINATION ..... 12° WEST  
1982 MAGNETIC NORTH DECLINATION ..... 0°30' WEST  
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929  
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM  
To place on the predicted North American Datum of 1983  
move the projection lines as shown by dashed corner ticks  
(6 meters north and 9 meters east)  
There may be private inholdings within the boundaries of any  
Federal and State reservations shown on this map

**PROVISIONAL MAP**  
Produced from original  
manuscript drawings. Infor-  
mation shown as of date of  
field check.



CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER  
OTHER ELEVATIONS SHOWN TO THE NEAREST METER  
To convert meters to feet multiply by 3.2808  
To convert feet to meters multiply by .3048  
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092  
AND BY THE GEOLOGICAL SURVEY DIVISION  
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909

|   |   |   |   |
|---|---|---|---|
| 1 | 2 | 3 | 1 |
| 4 |   | 5 | 2 |
| 6 | 7 | 8 | 3 |

ADJOINING 7.5' QUADRANGLE NAMES  
CONTOURS AND ELEVATIONS  
IN METERS

**ROAD LEGEND**  
Improved Road .....  
Unimproved Road .....  
Trail .....  
Interstate Route ..... U.S. Route ..... State Route .....

**WINONA NORTH, MICHIGAN**  
PROVISIONAL EDITION 1982

46088-H8-TM-025

RETURN TO:  
USGS AND HISTORICAL MAP ARCHIVES