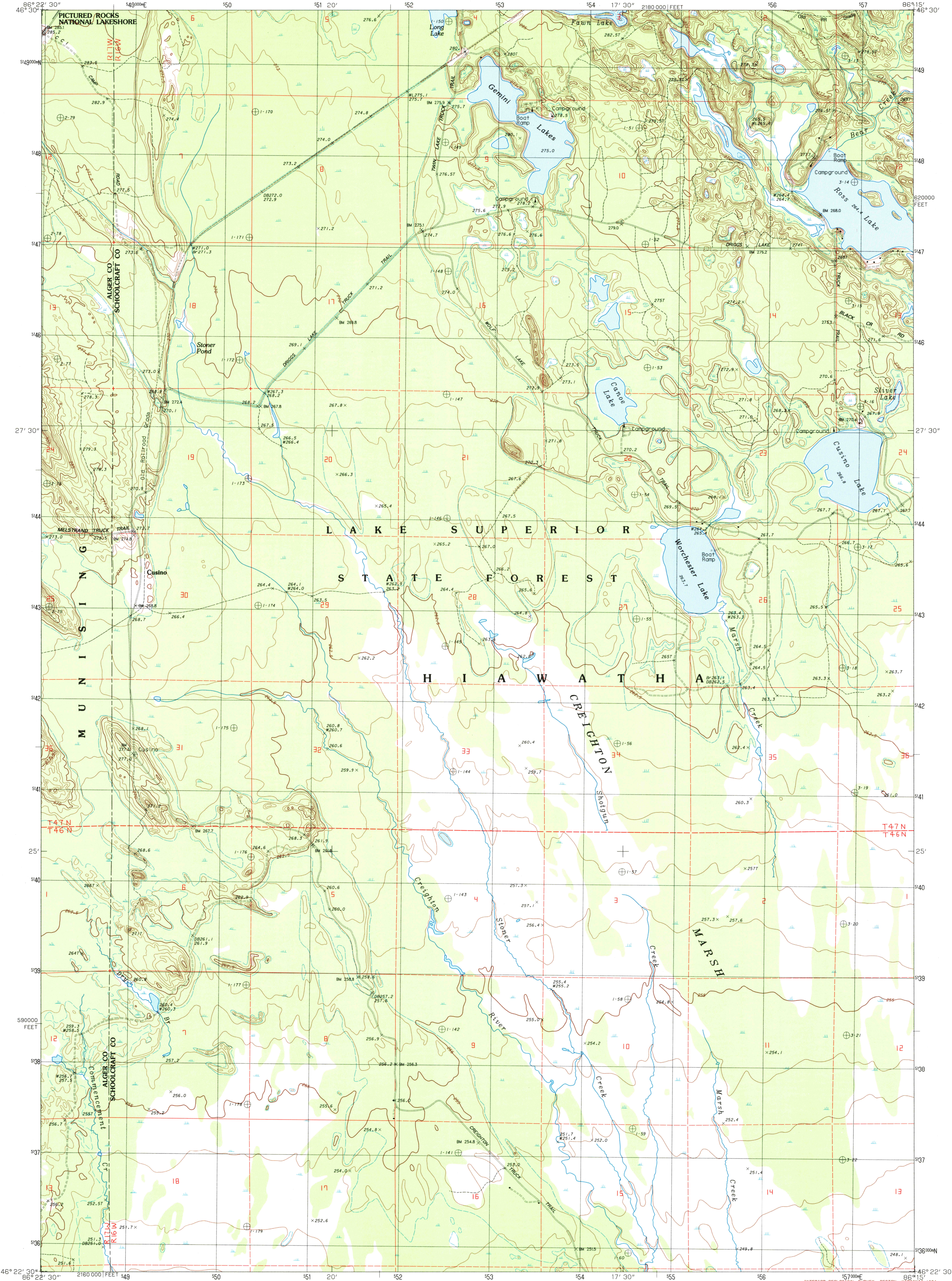




PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY: ..... USGS AND NOS/NOAA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN ..... 1977  
FIELD CHECKED ..... 1980. MAP EDITED ..... 1983  
PROJECTION ..... UNIVERSAL TRANSVERSE MERCATOR  
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 16  
UTM GRID DECLINATION ..... 0° 30' EAST  
1983 MAGNETIC NORTH DECLINATION ..... 3° 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  
(5 meters north and 6 meters east)  
There may be private inholdings within the boundaries of any  
Federal and State Reservations shown on this map.  
All lettering generated and positioned by automated type  
placement procedures

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

SCALE 1:25 000  
KILOMETERS  
METERS  
MILES  
FOOT  
CONTOUR INTERVAL 15 METERS  
CONTROL AND FIELD ESTABLISHED ELEVATIONS SHOWN TO THE NEAREST 0.1 METER  
OTHER ELEVATIONS SHOWN TO THE NEAREST 0.5 METER  
To convert meters to feet multiply by 3.2808  
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092  
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909

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