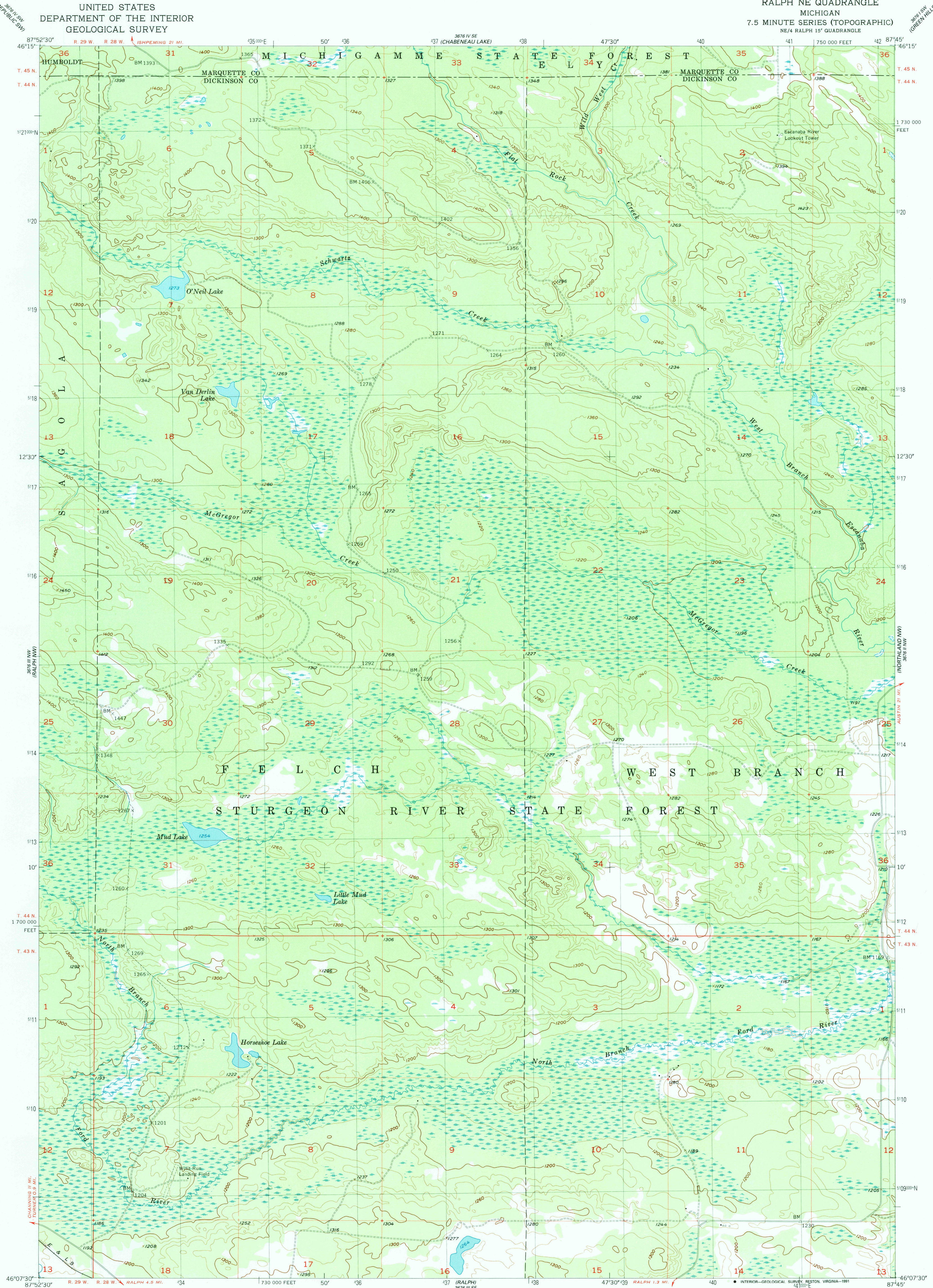
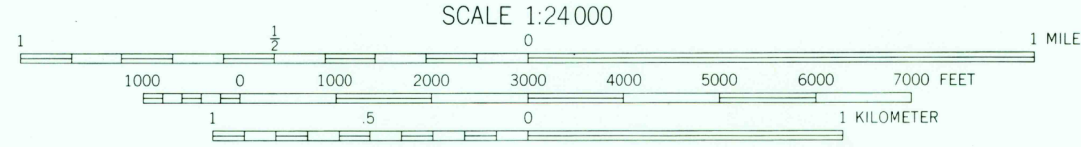
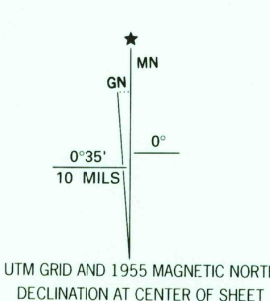


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RALPH NE QUADRANGLE
MICHIGAN
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 RALPH 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1951. Field check 1955
Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system,
west zone
1000-meter Universal Transverse Mercator grid, zone 16
The difference between 1927 North American Datum and North
American Datum of 1983 (NAD 83) for 7.5-minute intersections
is given in USGS Bulletin 1875. The NAD 83 is shown by
dashed corner ticks
Map photosinspected 1975
No major culture or drainage changes observed



ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Unimproved road
Interstate Route
U. S. Route
State Route

RALPH NE, MICH.
NE/4 RALPH 15' QUADRANGLE
46087-B7-TF-024
1955
PHOTOINSPECTED 1975
DMA 3676 III NE - SERIES V862

