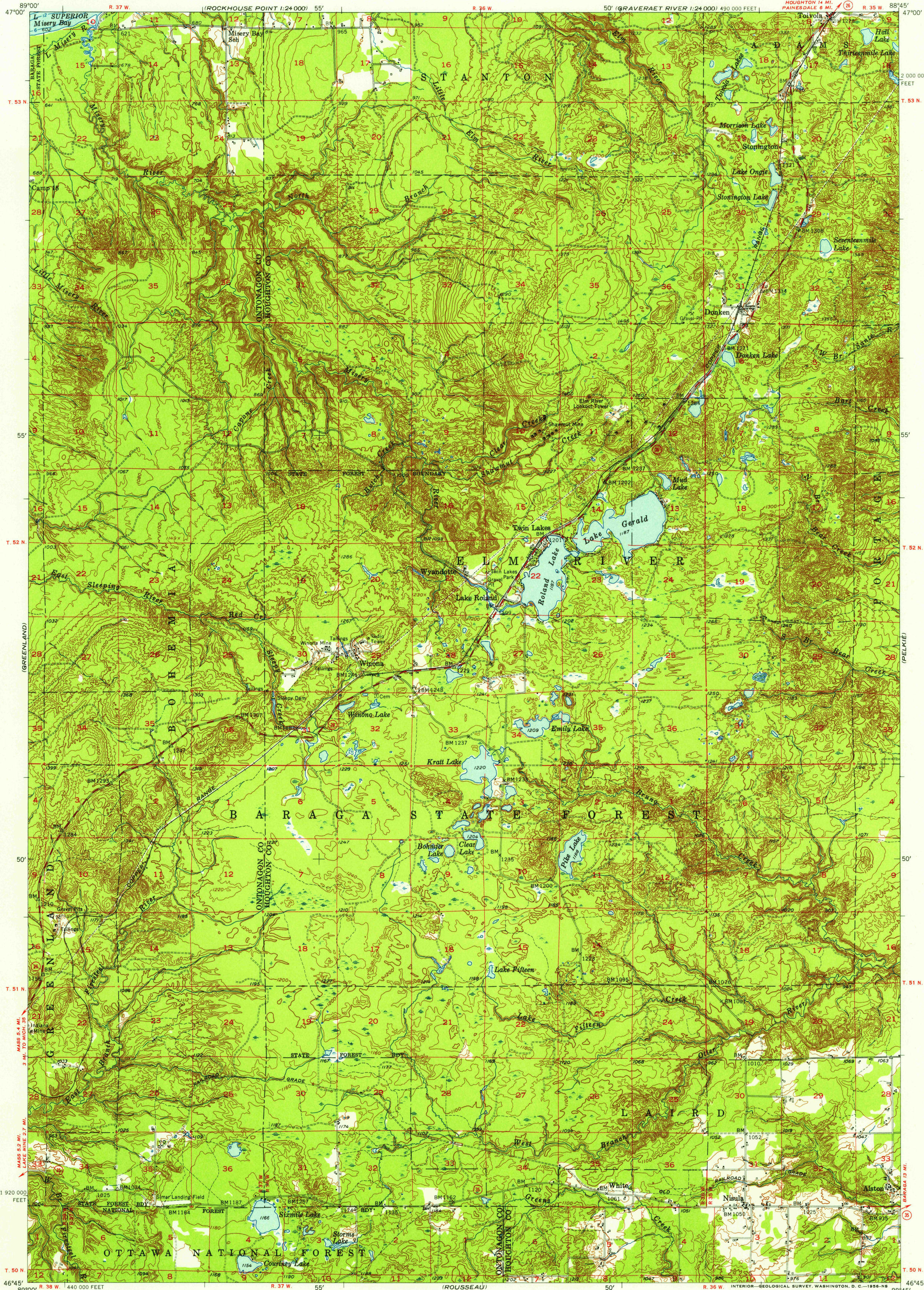


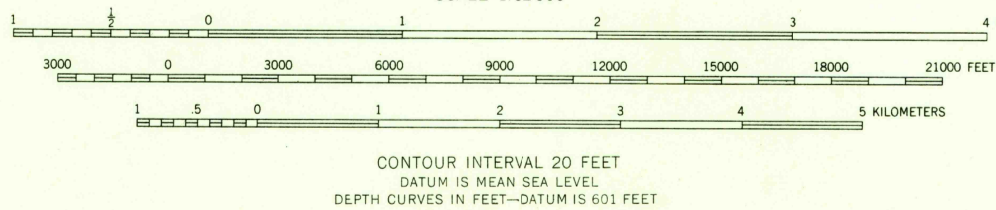
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

WINONA QUADRANGLE  
MICHIGAN  
15 MINUTE SERIES (TOPOGRAPHIC)



U.S.G.S.  
FILE COPY  
TOPOGRAPHIC DIVISION

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 and 1953. Field check 1954  
Hydrography from U. S. Lake Survey Chart 95 (1:120 000)  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Michigan coordinate system,  
west zone  
Unchecked elevations are shown in brown



ROAD CLASSIFICATION  
Heavy-duty 4 LANE 16 LANE Light-duty  
Medium-duty 4 LANE 16 LANE Unimproved dirt  
U. S. Route  
State Route



WINONA, MICH.  
N4645-W8845/15

U.S.G.S.  
FILE COPY  
TOPOGRAPHIC DIVISION

MAR 16 1956