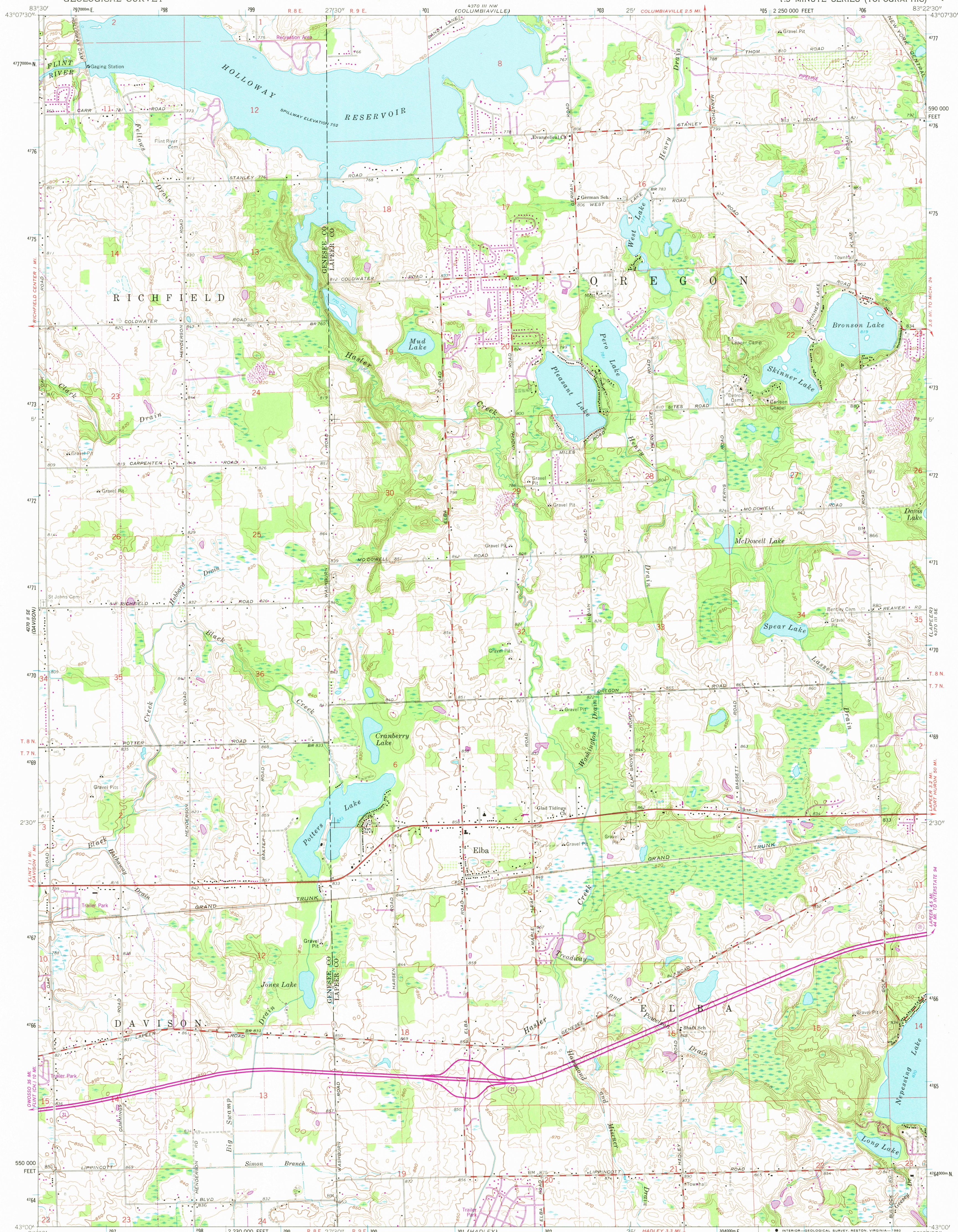


82°11' NE
(COLUMBIA)

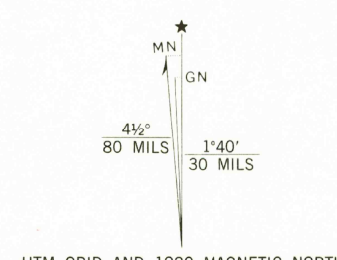
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ELBA QUADRANGLE
MICHIGAN
7.5 MINUTE SERIES (TOPOGRAPHIC)

82°11' NE
(BARNEYS LAKE)



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial
photographs taken 1958-59. Field checked 1963
Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue
Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked
To place on the predicted North American Datum 1983
move the projection lines 1 meter north and
6 meters west as shown by dashed corner ticks
Revisions shown in purple compiled from aerial photographs taken
1978. Map edited 1980. This information not field checked



SCALE 1:24,000
CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
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MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION	
Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route	U. S. Route
	State Route

ELBA, MICH.
N4300-W8322.5/7.5
1963
PHOTOREVISED 1980
DMA 4370 III SW-SERIES V862

2250
NOV 17 1980
Historical File
Topographic Division