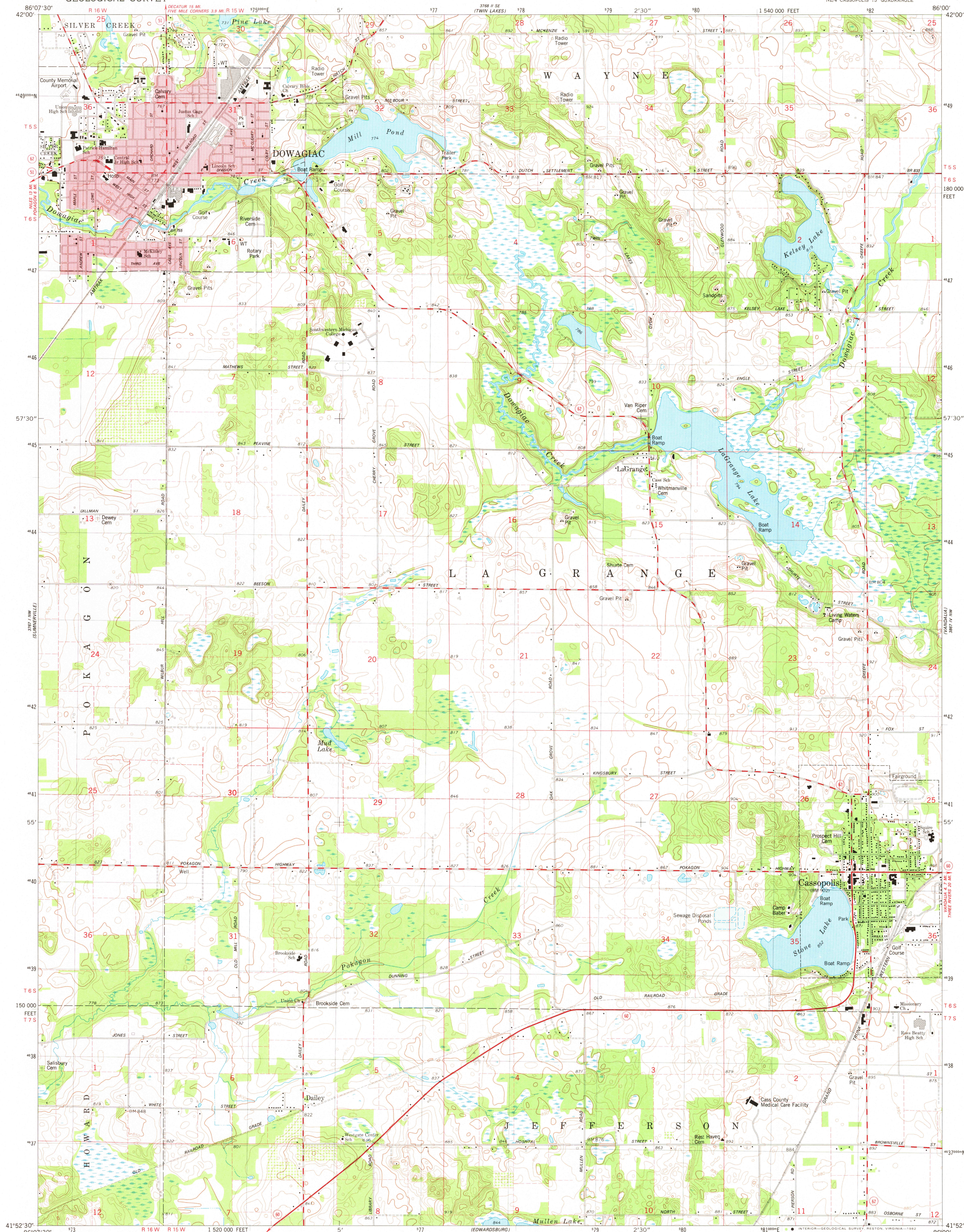


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DOWAGIAC QUADRANGLE
MICHIGAN—CASS CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 CASSOPOLIS 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs

taken 1975. Field checked 1977. Map edited 1981

Projection and 10,000-foot grid ticks: Michigan coordinate

system, south zone (Lambert conformal conic)

1000-meter Universal Transverse Mercator grid, zone 16

1927 North American Datum

To place on the predicted North American Datum 1983

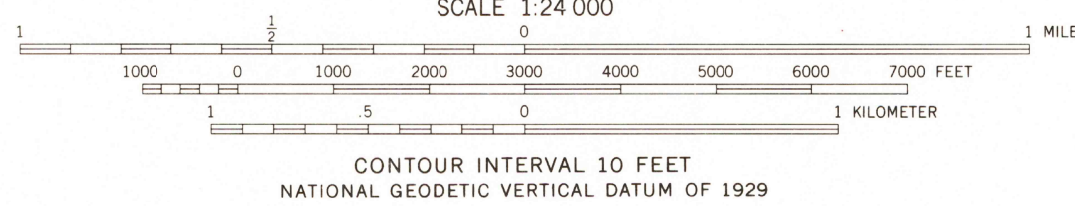
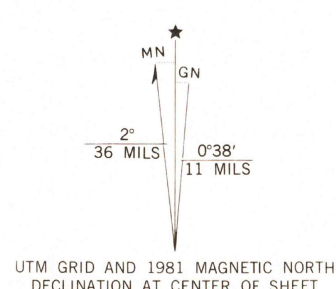
move the projection lines 1 meter north and

2 meters east as shown by dashed corner ticks

Red tint indicates areas in which only landmark buildings are shown

Fine red dashed lines indicate selected fence and field lines where

generally visible on aerial photographs. This information is unchecked



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
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



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

DOWAGIAC, MICH.
NE/4 CASSOPOLIS 15' QUADRANGLE
N4152.5-W8600/7.5

1981

DMA 3767 1 NE-SERIES V862

MAR 4 1982

1550