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Control by USGS, USC&GS, and U. S. Lake Survey

Topography by photogrammetric methods from aerial photographs taken 1971. Field checked 1971

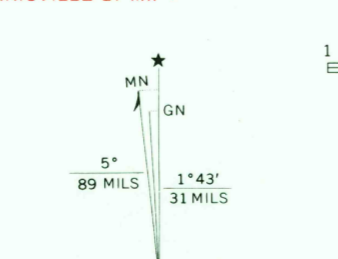
Selected hydrographic data compiled from U. S. Lake Survey Chart 53 (1970). This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Michigan coordinate system, central zone (Lambert conformal conic)

1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue. 1927 North American datum

Red tint indicates areas in which only landmark buildings are shown

Fine red dashed lines indicate selected fence and field lines generally visible on aerial photographs. This information is unchecked



SCALE 1:24 000

CONTOUR INTERVAL 10 FEET

DOTTED LINES REPRESENT 5-FOOT CONTOURS

NATIONAL GEODETIC VERTICAL DATUM OF 1929

DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS LOW WATER 576.8 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

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



QUADRANGLE LOCATION

To place on the predicted North American Datum 1983, move the projection lines 2 meters north and 5 meters west as shown by dashed corner ticks

ALPENA, MICH.

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DMA 4374 III SW—SERIES V862

