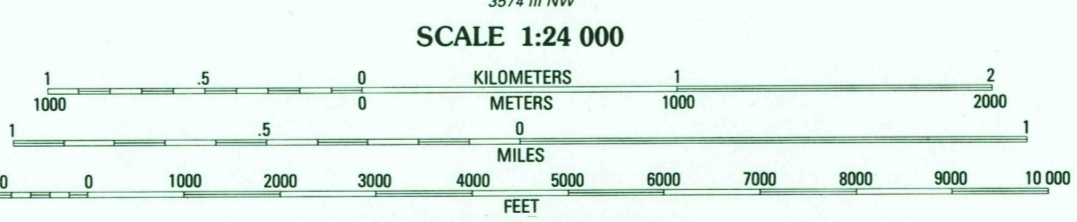
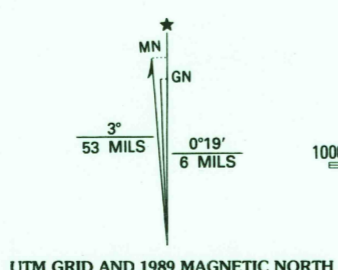


Produced by the United States Geological Survey
Control by USGS and NOS/NOAA
Topography by photogrammetric methods from aerial photographs taken 1954. Revised from aerial photographs taken 1983. Field checked 1988. Map edited 1989
Selected hydrographic data compiled from NOS chart 14909 (1979)
This information is not intended for navigational purposes
Projection and 10,000-foot grid ticks: Michigan coordinate system, north 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 5 meters north and 6 meters east as shown by dashed corner ticks
There may be private inholdings within the boundaries of the National or State reservations shown on this map
Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET
REFERENCE LEVEL: 576.8 FEET; INTERNATIONAL GREAT LAKES DATUM
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE



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

ARTHUR BAY, MICH.
SW/4 CEDAR RIVER 15' QUADRANGLE
45087-C4-TF-024

1989
DMA 3574 IV SW—SERIES V862

USGS NMD HISTORICAL MAP
NOV 29 1989
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