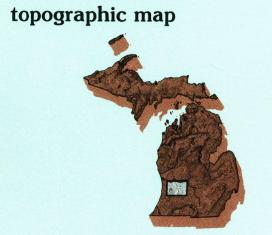
42085-E1-TM-100

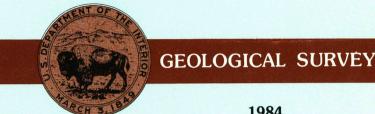
Grand Rapids
MICHIGAN

1:100 000-scale metric



30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations
- in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names

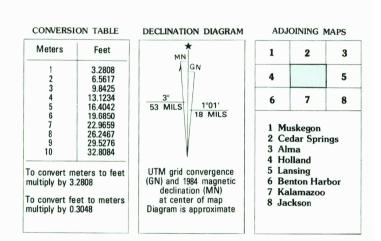


Produced by the United States Geological Survey Compiled from USGS 1:24 000-scale topographic maps dated 1972-1982. Planimetry revised from aerial photographs taken 1978 and 1980 and other source data. Revised information not field checked. Map edited 1984 Projection and 10 000-meter grid, zone 16, Universal Transverse Mercator 25 000-foot grid ticks based on Michigan coordinate

system, south zone 1927 North American Datum To place on the predicted North American Datum 1983, move the projection lines 1 meter north and 1 meter east There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 10 METERS NATIONAL GEODETIC VERTICAL DATUM OF 1929 ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS



FOR SALE BY U.S. GEOLOGICAL SURVEY **RESTON VIRGINIA 22092** 

## Topographic Map Symbols

Primary highway, hard surface.... Secondary highway, hard surface...... Light duty road, principal street, hard or improved surface .... Other road or street; trail...... Route marker: Interstate; U.S.; State ..... Railroad: standard gage; narrow gage..... Bridge; overpass; underpass... Tunnel: road; railroad...... Built up area; locality; elevation ... \_\_\_\_\_ County boundary...... National or State reservation boundary.... Land grant boundary...... U.S. public lands survey: range, township; section .. Cemetery; building...... Windmill; water well; spring..... Campground; picnic area; U.S. location monument ... Ruins; cliff dwelling..... Distorted surface: strip mine, lava; sand ..... Scrub; mangrove ...... Orchard; vineyard .....

A pamphlet describing topographic maps is available on request

RETURN TO: USGS NMD HISTORICAL MAP ARCHIVES