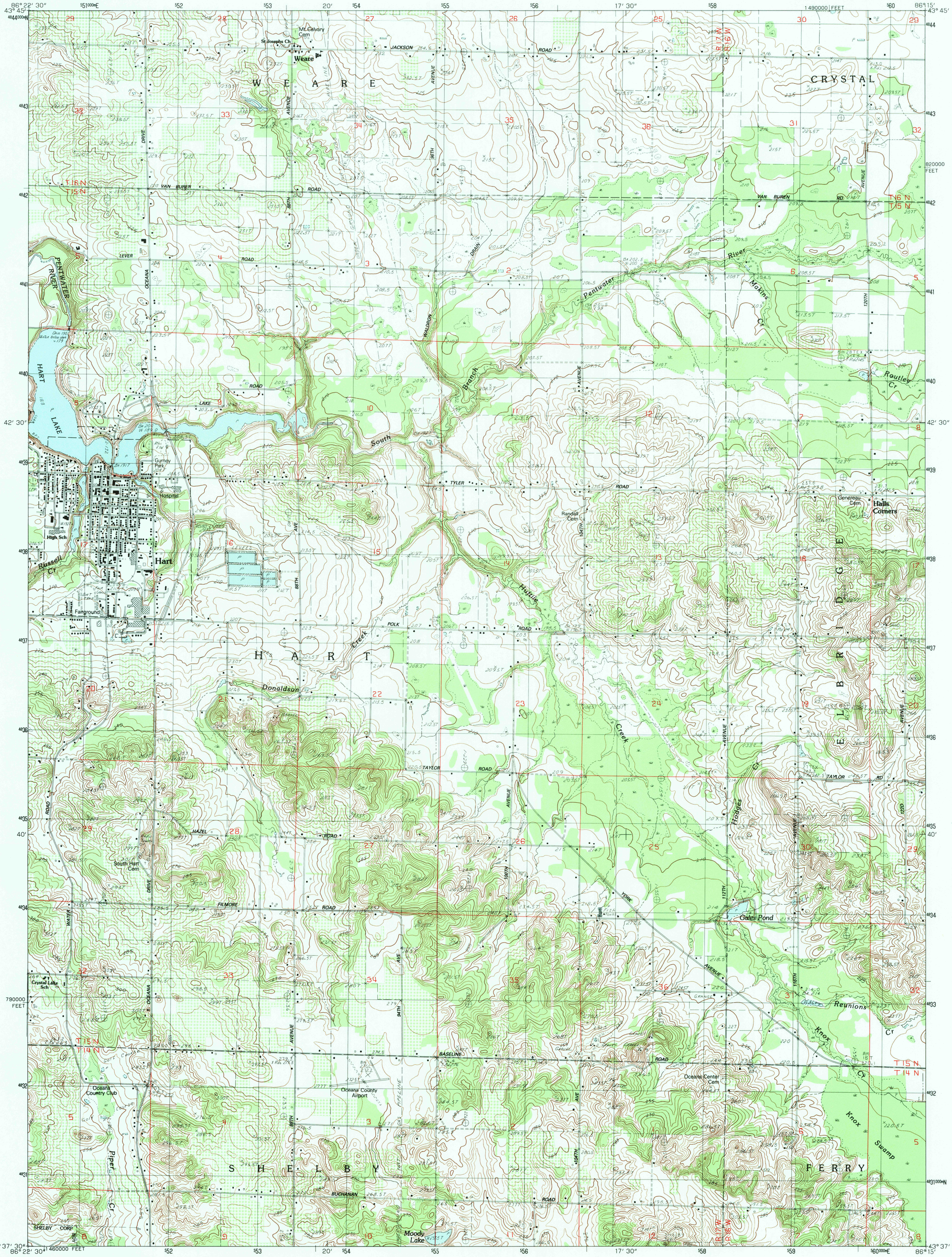
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

# HART QUADRANGLE
MICHIGAN–OCEANA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)




PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN ..... 1977
FIELD CHECKED ..... 1980. MAP EDITED ..... 1983
PROJECTION ..... LAMBERT CONFORMAL CONIC
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 16
10,000-FOOT STATE GRID TICKS ..... MICHIGAN, SOUTH ZONE
UTM GRID DECLINATION ..... 0°28′ EAST
1983 MAGNETIC NORTH DECLINATION ..... 2°30′ WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983 move the projection lines as shown by dashed corner ticks (2 meters north and 3 meters east)

There may be private inholdings within the boundaries of any Federal and State reservations shown on this map

NORTH

**PROVISIONAL MAP**
Produced from original manuscript drawings. Information shown as of date of field check. 3

SCALE 1:25 000
1 .5 0 KILOMETERS 1 2
1000 0 METERS 1000 2000
1 .5 0 1
MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000
FEET

CONTOUR INTERVAL 3 METERS

CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST 0.5 METER
To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
AND THE GEOLOGICAL SURVEY DIVISION
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909

QUADRANGLE LOCATION

| | | | |
|---|---|---|---|
| 1 | 2 | 3 | 1 Pentwater<br>2 Wiley<br>3 Crystal Valley<br>4 Mears<br>5 Walkerville West<br>6 Town Corners<br>7 Shelby<br>8 Ferry |
| 4 | | 5 | |
| 6 | 7 | 8 | |

ADJOINING 7.5′ QUADRANGLE NAMES

CONTOURS AND ELEVATIONS IN METERS

INTERIOR—GEOLOGICAL SURVEY RESTON, VIRGINIA—1983

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

## HART, MICHIGAN
PROVISIONAL EDITION 1983
43086-F3-TM-025

RETURN TO:
USGS NMD HISTORICAL MAP ARCHIVES