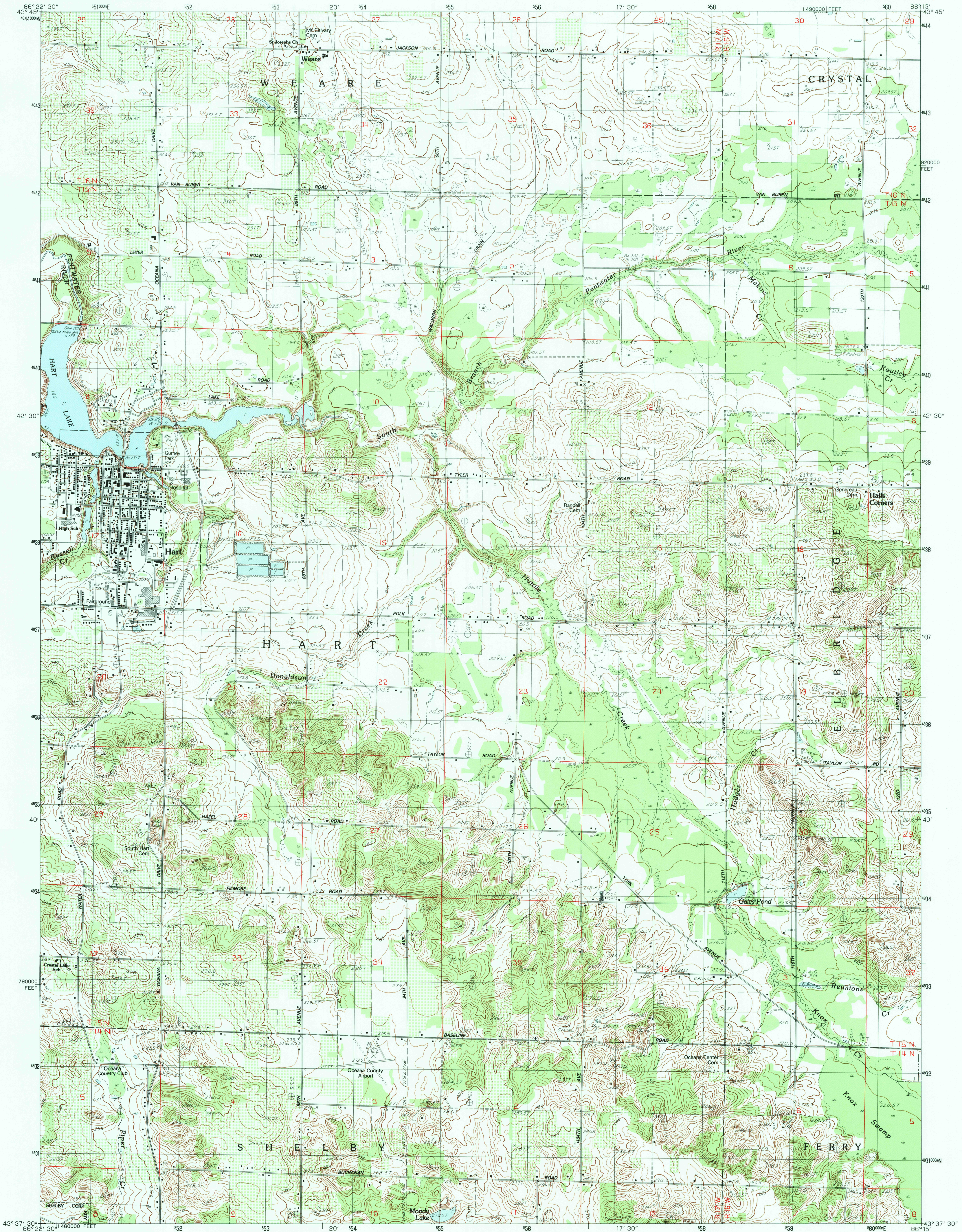


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

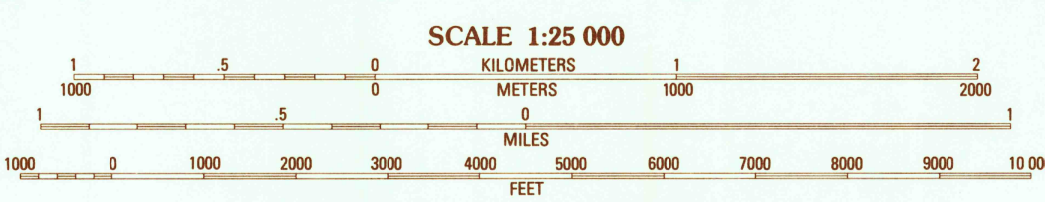
HART QUADRANGLE  
MICHIGAN-OCEANA CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY U.S.G.S. AND NOS/NOAA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1977  
FIELD CHECKED 1980. MAP EDITED 1983  
PROJECTION LAMBERT CONFORMAL CONIC  
GRID 100-METER UNIVERSAL TRANSVERSE MERCATOR  
10,000-FOOT STATE GRID TICS MICHIGAN, SOUTH ZONE  
UTM GRID DECLINATION 0728° EAST  
1983 MAGNETIC NORTH DECLINATION 230° 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

**PROVISIONAL MAP**  
Produced from original  
manuscript drawings. Infor-  
mation shown as of date of  
field check.

3



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 0.3048  
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

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

ADJOINING 7.5' QUADRANGLE NAMES  
CONTOURS AND ELEVATIONS  
IN METERS

**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 AND HISTORICAL MAP ARCHIVES