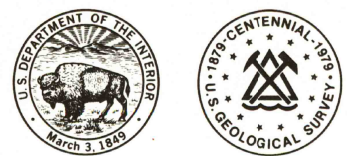
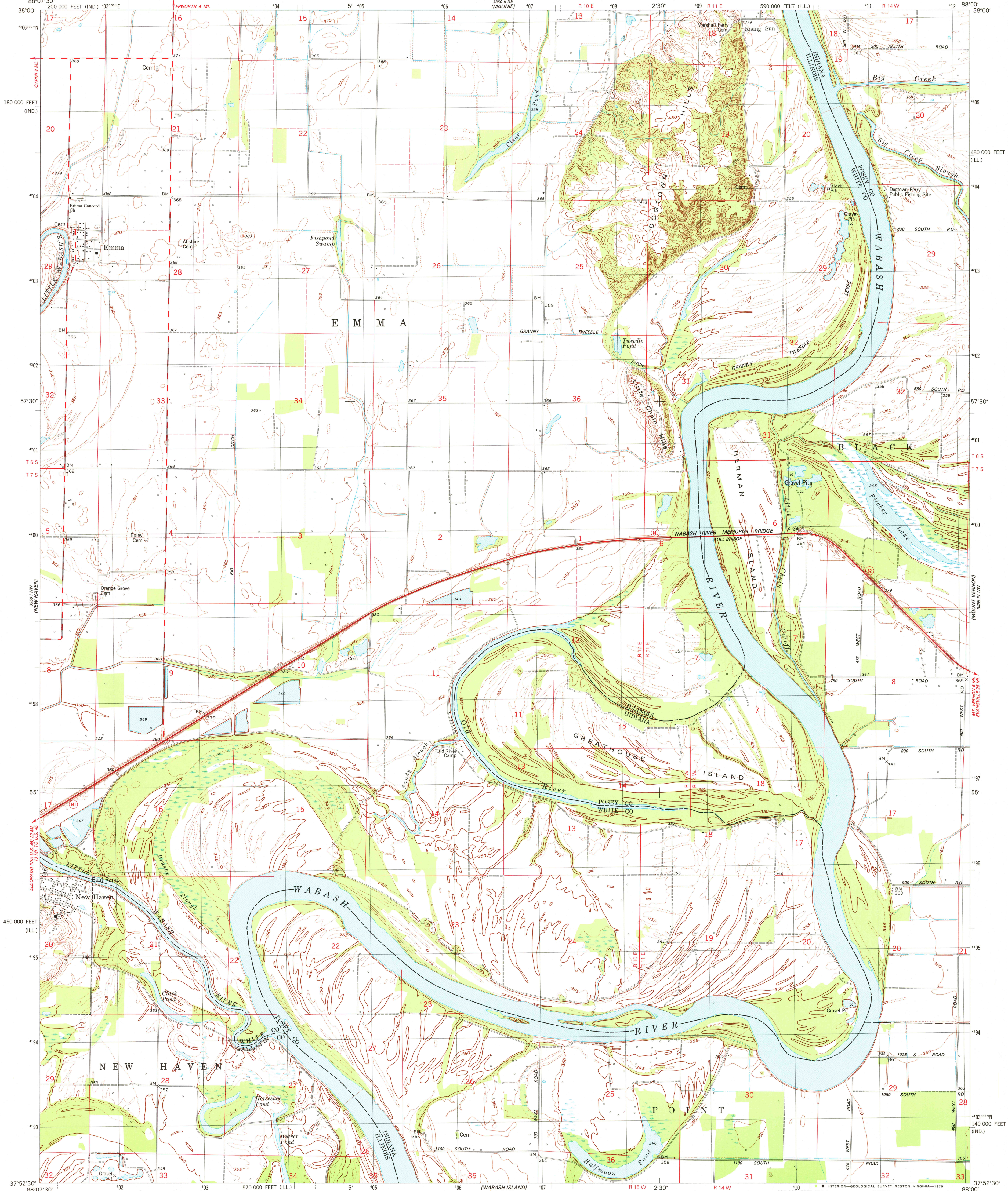


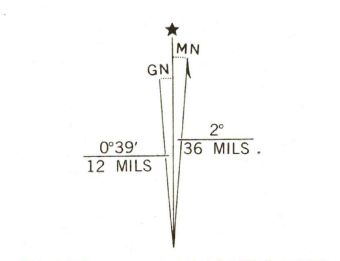
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



EMMA QUADRANGLE
ILLINOIS-INDIANA
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey
in cooperation with Indiana Dept. of Natural Resources
Control by USGS, NOS/NOAA and USCE
Planimetry by photogrammetric methods from aerial photographs
taken 1956. Topography by planetable surveys 1958. Revised
from aerial photographs taken 1974. Field checked 1976
Map edited 1978
Polyconic projection. 1927 North American datum
10,000-foot grid ticks based on Illinois coordinate system, east zone,
and Indiana coordinate system, west zone
1000-meter Universal Transverse Mercator grid, zone 16
Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked
Unlabeled wells are oil wells



SCALE 1:24 000
CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092,
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



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

USGS
Historical File
Topographic Division

EMMA, ILL.-IND.
NE 1/4 NEW HAVEN 15' QUADRANGLE
N3752.5-W8800.7.5
1978
AMS 3359 I NE-SERIES V863

APR 14 1978

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