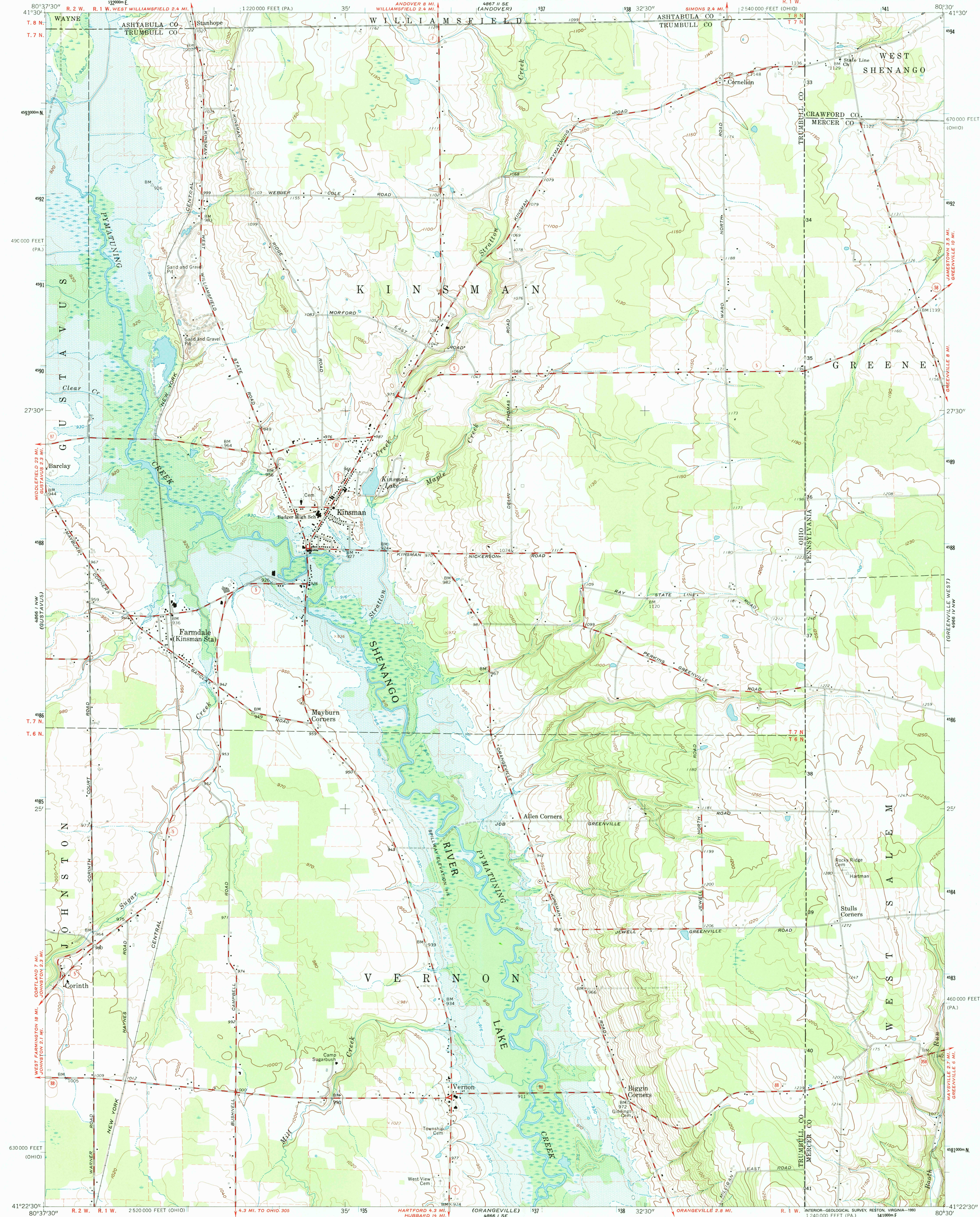


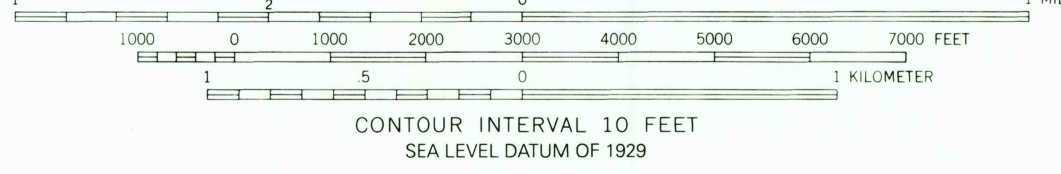
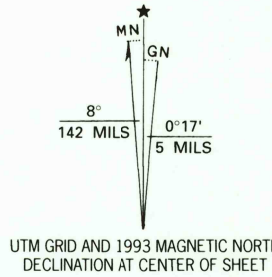
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL SURVEY

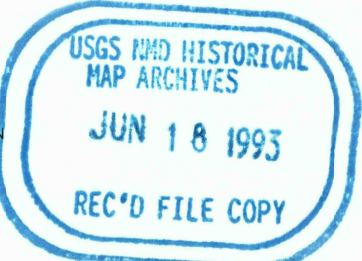
KINSMAN QUADRANGLE
OHIO-PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 KINSMAN 15' QUADRANGLE



Produced by the United States Geological Survey
Control by USGS, NOS/NOAA and USCE
Topography by photogrammetric methods from aerial photographs
taken 1961. Field checked 1961
Projection and 10,000-foot grid ticks: Ohio coordinate
system, north zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue
1927 North American Datum (NAD 27)
North American Datum of 1983 (NAD 83) is shown by dashed corner ticks
The values of the shift between NAD 27 and NAD 83 for 7.5-minute
intersections are given in USGS Bulletin 1875
Blue hatching indicates areas to be submerged by Shenango River
Lake. Areas covered by dashed light-blue pattern are
subject to controlled inundation
Ohio area lies within the Connecticut Western Reserve. Land lines
established by private subdivision of the Connecticut Western Reserve
Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked
Photorevised from 1991 source; no major culture or drainage
changes observed. Names revised and boundaries verified 1993



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION
Medium-duty ——— Light-duty ———
Unimproved dirt ———
State Route ———

KINSMAN, OHIO-PA.
NE/4 KINSMAN 15' QUADRANGLE
41080-D5-TF-024
1961
MINOR REVISION 1993
DMA 4866 1 NE - SERIES V852