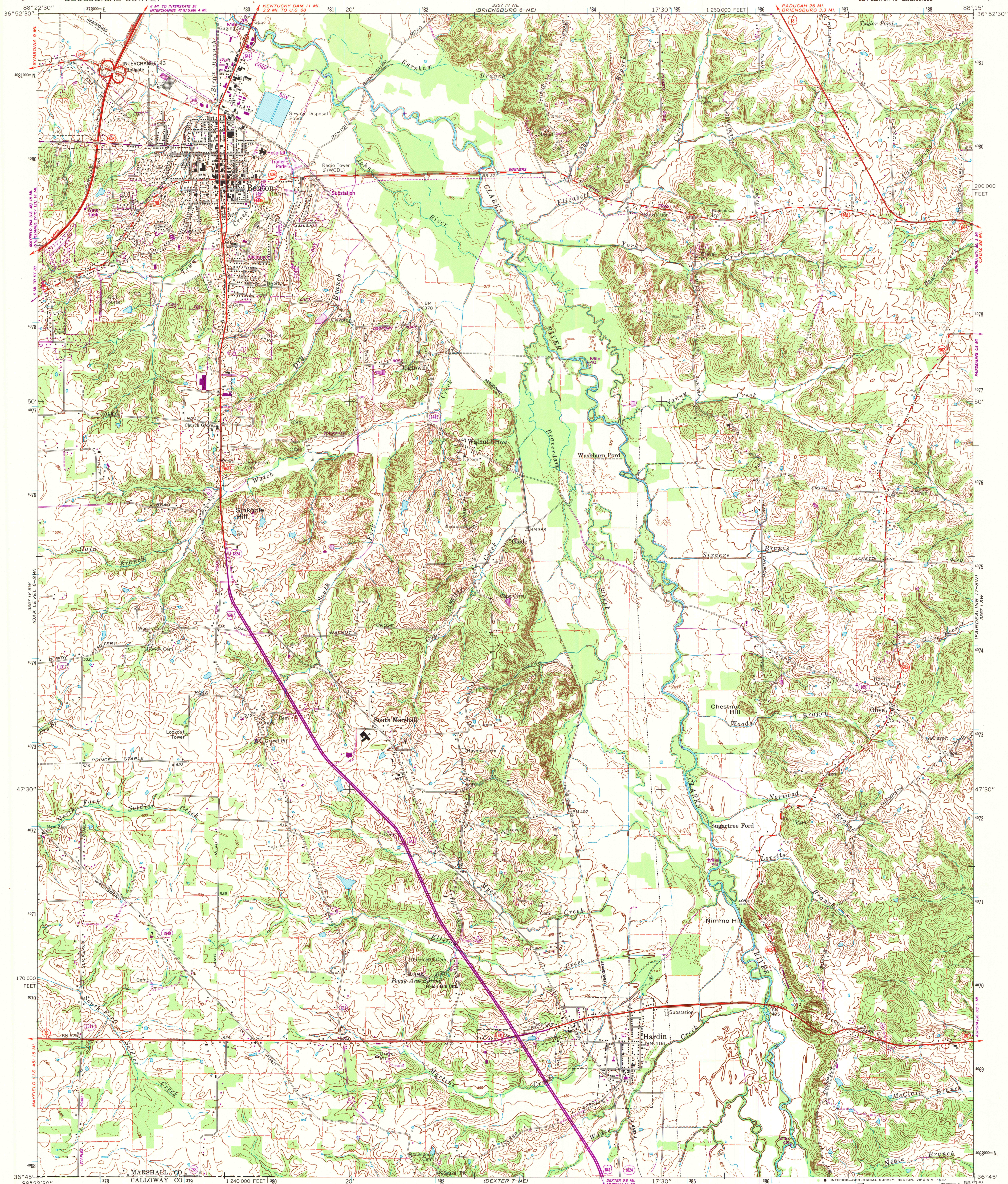


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

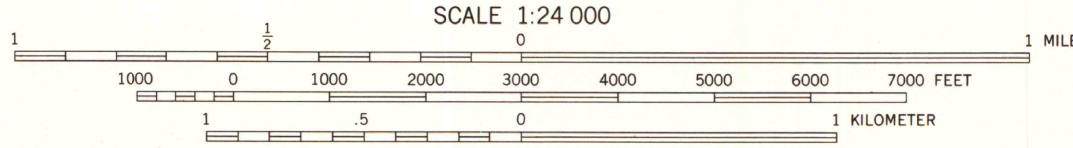
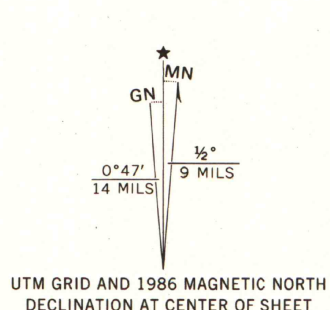
HARDIN QUADRANGLE  
KENTUCKY  
7.5 MINUTE SERIES (TOPOGRAPHIC) 6-SE  
SE/4 BENTON 15' QUADRANGLE



Mapped by the Tennessee Valley Authority  
Edited and published by the Geological Survey  
Revised by the Geological Survey in cooperation  
with Kentucky Geological Survey  
Control by USGS, NOS/NOAA, and TVA

Topography by photogrammetric methods from aerial photographs  
taken 1948. Field checked 1951. Revised from aerial  
photographs taken 1968. Field checked 1969.  
Polyconic projection. 10,000-foot grid ticks based on  
Kentucky coordinate system, south zone.  
1000-meter Universal Transverse Mercator grid ticks,  
zone 16, shown in blue. 1927 North American Datum  
To place on the predicted North American Datum 1983  
move the projection lines 5 meters south and  
4 meters east as shown by dashed corner ticks.  
Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked

Revisions shown in purple and woodland compiled by the  
Tennessee Valley Authority from aerial photographs taken  
1981 and other sources. Contours adjusted adjacent to  
certain photorevised hydrographic features. This information  
not field checked. Map edited 1986



CONTOUR INTERVAL 10 FEET  
DASHED LINES REPRESENT HALF INTERVAL CONTOURS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY  
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
KENTUCKY GEOLOGICAL SURVEY, LEXINGTON, KENTUCKY 40506  
KENTUCKY DEPARTMENT OF COMMERCE, FRANKFORT, KENTUCKY 40601  
AND U.S. TENNESSEE VALLEY AUTHORITY  
CHATTANOOGA, TENN. 37401 OR KNOXVILLE, TENN. 37902  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



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

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University of Wisconsin-Madison

HARDIN, KY.  
SE/4 BENTON 15' QUADRANGLE  
36088-G3-TF-024

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JUN 10 1987