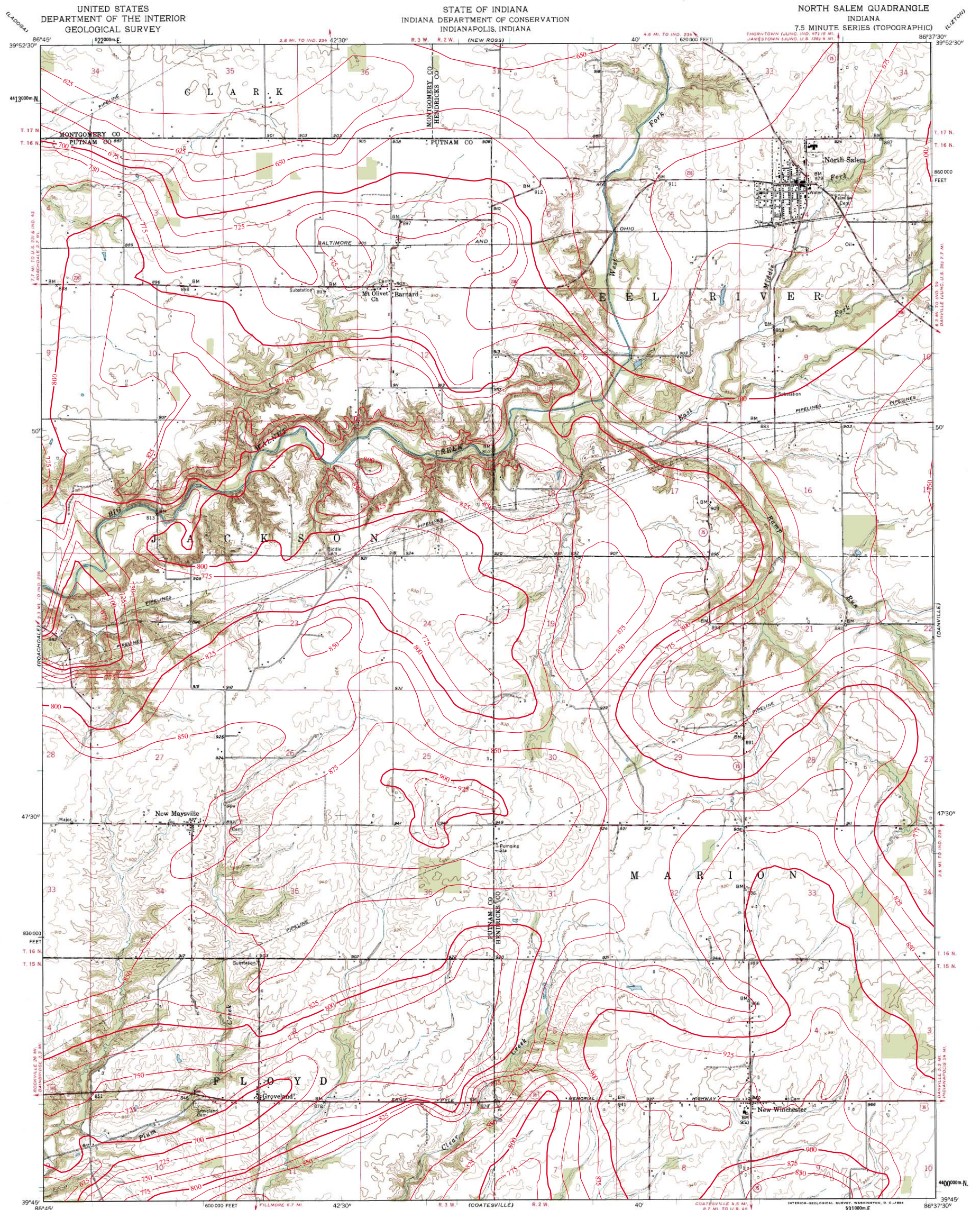


# BEDROCK TOPOGRAPHY OF NORTH SALEM QUADRANGLE, INDIANA



Mapped, edited, and published by the Geological Survey  
 Control by USGS, USC&GS, and Indiana Flood Control and  
 Water Resources Commission  
 Topography from aerial photographs by ER-55 plotter  
 Aerial photographs taken 1956. Field check 1958  
 Polyconic projection. 1927 North American datum  
 10,000-foot grid based on Indiana coordinate system,  
 west zone  
 1000-meter Universal Transverse Mercator grid ticks,  
 zone 16, shown in blue  
 Unchecked elevations are shown in brown  
 Map photorevised 1977  
 No major culture or drainage changes observed

TRUE NORTH  
 MAGNETIC NORTH  
 APPROXIMATE MEAN  
 DECLINATION, 1958

SCALE 1:24,000  
 1 MILE  
 1 KILOMETER  
 CONTOUR INTERVAL 10 FEET  
 DATUM IS MEAN SEA LEVEL



ROAD CLASSIFICATION  
 Heavy-duty ——— Light-duty ———  
 Medium-duty ——— Unimproved dirt ———  
 U.S. Route State Route

NORTH SALEM, IND.  
 N 39°45'—W 86°37'57.5"  
 PHOTOINSPECTED 1977  
 1958

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
 FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.  
 AND INDIANA DEPARTMENT OF CONSERVATION, INDIANAPOLIS, INDIANA  
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



Bedrock surface map derived from water well records housed in IDNR/DOW, Ground Water Section,  
 oil and gas well records housed in IDNR/DOG, and seismic data from the Indiana Geological Survey (IGS).  
 Bedrock contouring by Glenn Grove and Marvin Thompson, Ground Water Section, Division of Water, IDNR, 1998.  
 Bedrock contouring in Putnam County modified from Hasenmueller, unpublished work map.

Map created by Glenn E. Grove  
 IDNR, Division of Water, Ground Water Section  
 April 17, 2001

Originally mapped at a scale of 1:24,000 on USGS topographic maps. Bedrock surface contour interval = 25 feet.