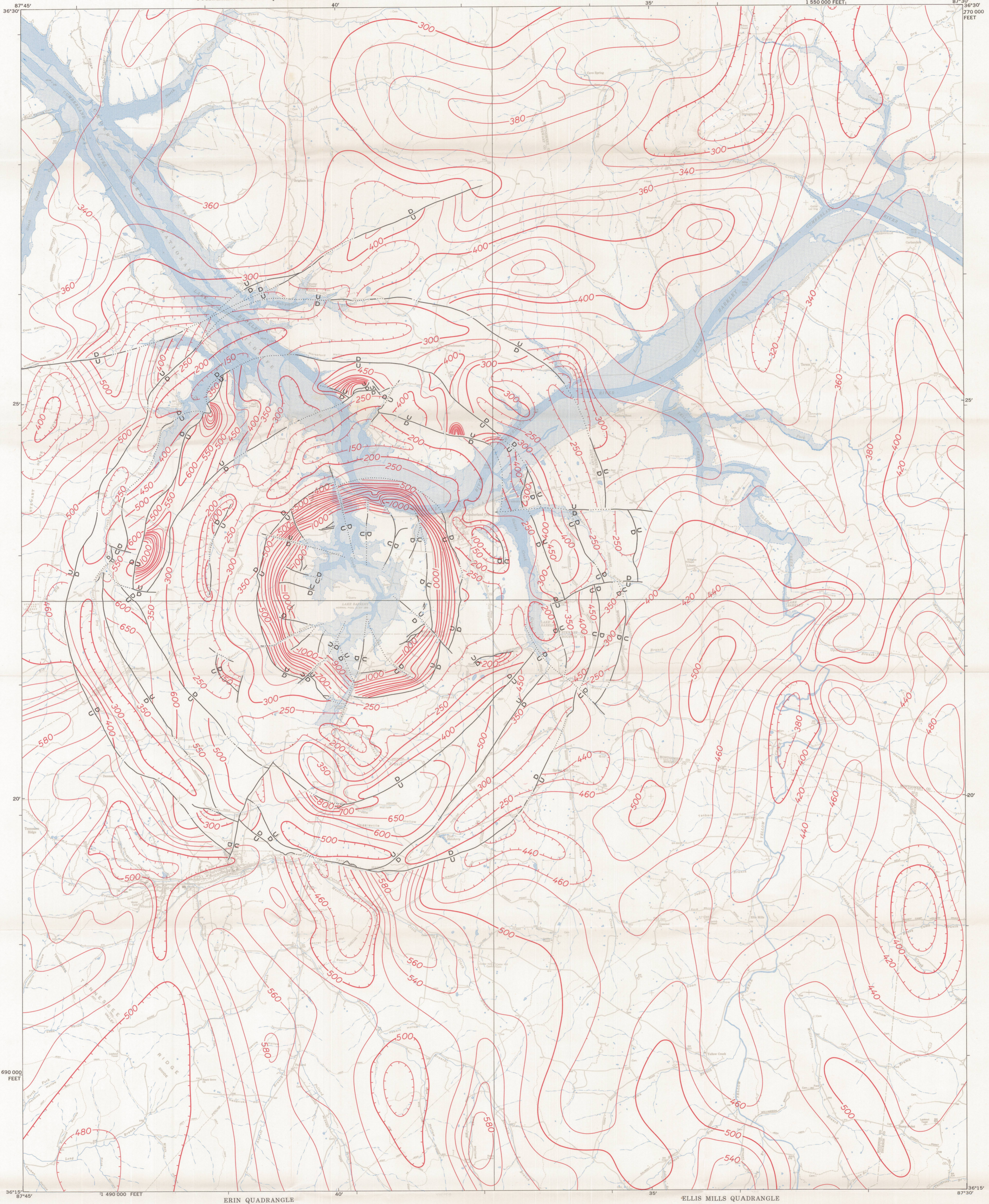


CUMBERLAND CITY QUADRANGLE

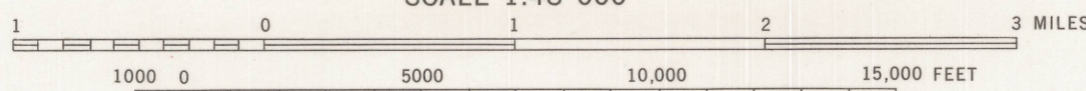
NEEDMORE QUADRANGLE



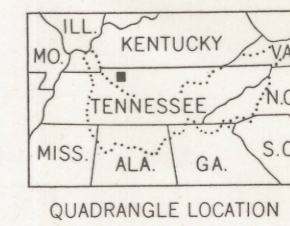
Base map by USGS-TVA.
Cartography and publication by Tennessee Valley Authority.
10,000-foot grid based on Tennessee rectangular coordinate system.

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION 1968

SCALE 1:48 000



CONTOUR INTERVAL 20 FEET OUTSIDE THE WELLS CREEK STRUCTURE
AND 50 FEET INSIDE THE WELLS CREEK STRUCTURE



Map preparation and editing by Robert A. Miller and Robert J. Floyd.

LEGEND

- 500 Structure contour line
- Fault, dotted where concealed:
 - U upthrown side,
 - D downthrown side

STRUCTURE CONTOUR MAP ON TOP
OF THE MISSISSIPPIAN FORT PAYNE FORMATION
OF THE WELLS CREEK AREA

By
Richard G. Stearns