

This map is preliminary and has not been edited for conformity with Geological Survey format and nomenclature



Preliminary data compiled by
Gail M. Everhart

Modified from Hartnagel (1938), Fette (1948), Hunter (1948), Woodward (1951), Freeman (1953), Green (1957), and Tectonic Map of the United States (Cohee, in press)

Surface geology from Geologic Map of the United States (Stose and Ljungstedt, 1932), Butts (1933), and published state geologic maps

EXPLANATION

- Outcrop of top of Cambrian-Ordovician carbonate sequence; sequence crops out on dotted side of line
- Faults (mainly thrust faults) along east edge of basin
- High-angle fault (highly generalized) in Kentucky; hachures on down-thrown side
- 1000
- Structure contours showing elevation in feet of top of sequence; drawn on top of Trenton, Cynthiana, Chickamauga, and Jacksonburg Limestones, Catheys and Bays Formations in various parts of study area. Datum is mean sea level
- + 100
- Supplementary structure contours
- Boundary of study area

Scale
0 25 50 75 100 MILES

FIGURE 8.—MAP SHOWING STRUCTURE ON TOP OF THE CAMBRIAN-ORDOVICIAN CARBONATE SEQUENCE.