



Base from U.S. Geological Survey, 1959.
The Carter Coordinate System letters and numbers used to designate five-minute divisions of latitude and longitude are shown along the margins; tick marks indicate one-minute divisions.

APPROXIMATE MEAN DEPRESSION, 1973

Alluviated area
Subcrop of Providence Limestone Member at base of Lieman Formation (Upper Pennsylvanian).
The alluviated valleys are filled with as much as 135 feet of unconsolidated material. Lithology of Pennsylvanian rocks described by Johnson (in press).

Non-alluviated area
From map by Johnson (in press)

EXPLANATION

Topographic contours on buried bedrock surface
Datum is mean sea level. Contours above 380 feet not shown. Contour interval 20 feet

Ancient stream course

Drill hole from which data used in map compilation were obtained. Subsurface data from logs and records of core holes, auger holes, water wells, and oil and gas test wells. Figure indicates bedrock altitude in feet above mean sea level; shown in italics where highly interpretive (includes most rotary-drilled oil and gas test wells)

REFERENCES CITED

Gallaher, J. T., 1964, Geology and hydrology of alluvial deposits along the Ohio River in the Henderson area, Kentucky: U.S. Geol. Survey Hydrol. Inv. Atlas HA-91.
Harvey, E. J., 1956, Geology and ground-water resources of the Henderson area, Kentucky: U.S. Geol. Survey Water-Supply Paper 1356, 227 p.
Johnson, W. D., Jr., Geologic map of part of the Henderson quadrangle, Henderson County, Kentucky: U.S. Geol. Survey Geol. Quad. Map G4-1074 (in press).

MAP SHOWING BEDROCK TOPOGRAPHY AND SUBCROP OF A SELECTED BED BENEATH ALLUVIAL DEPOSITS OF PART OF THE HENDERSON QUADRANGLE, HENDERSON COUNTY, KENTUCKY

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1973