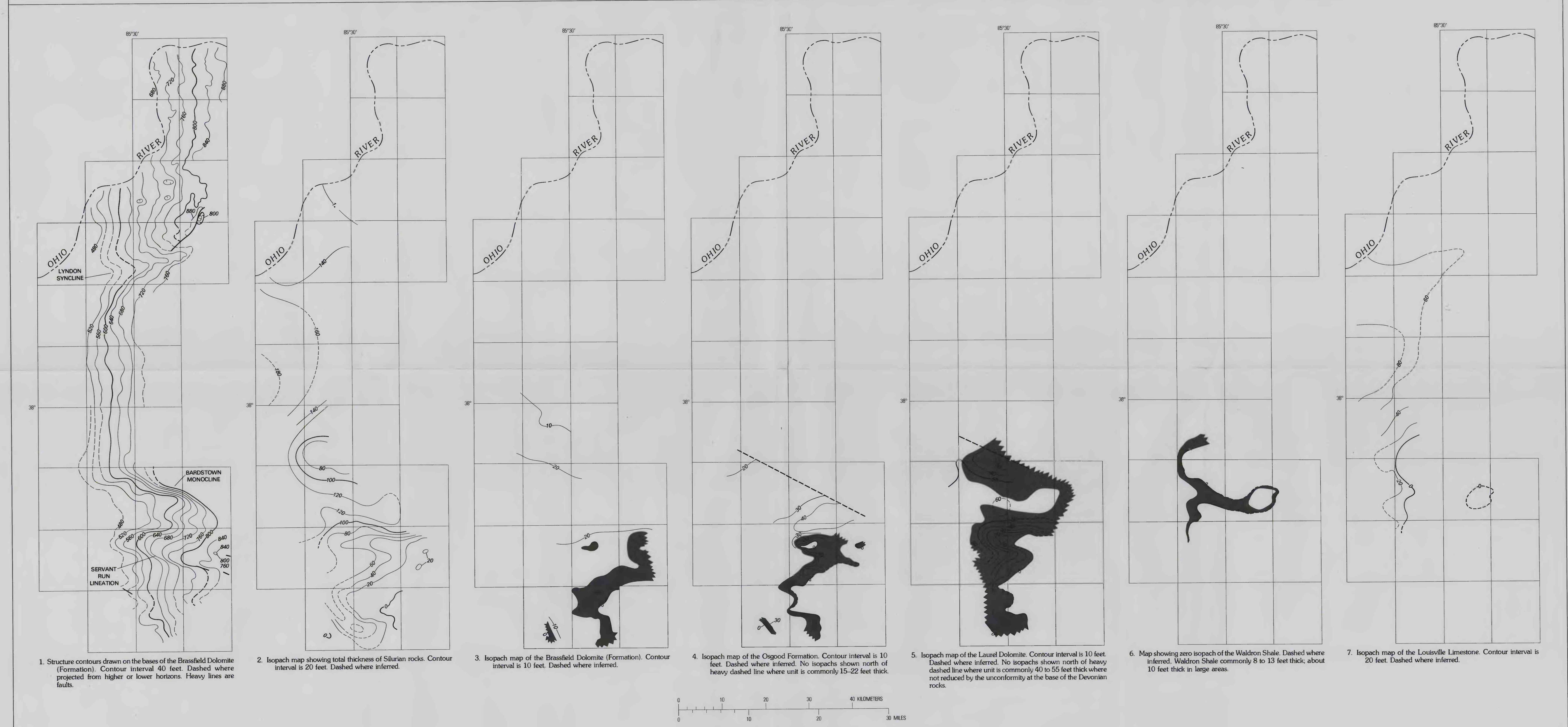


A. Maps showing names of quadrangles, generalized area of outcrop of the Silurian rocks west of the crest of the Cincinnati arch, shaded, the generalized areas of outcrop of the five Silurian formations, shaded, and the ranges of thicknesses of the five formations recorded in feet on the individual geologic quadrangle maps listed in table 1. Quadrangle group same as shown in figure 1. Data from published geologic quadrangle maps listed in table 1 and from field notes. P, unit is present but thickness is not given, P?, unit may be present.



B. Maps showing structure contours on the base of the Brassfield Dolomite (Formation) and isopach maps of the total thickness of the Silurian rocks and of the five Silurian formations. Shaded areas show where the formation is overlain by rocks of Devonian age except the Louisville Limestone which is everywhere overlain by Devonian rocks. Edge of shaded area seriated where position is not established or cannot be reasonably inferred. Data taken from published geologic quadrangle maps listed in table 1 and from field notes. Quadrangle group same as that shown in the upper parts of the maps in A.

MAPS SHOWING THE AREAS OF EXPOSURE AND THE THICKNESSES OF THE SILURIAN SYSTEM AND THE SILURIAN FORMATIONS AND THE STRUCTURE ON THE BASE OF THE BRASSFIELD DOLOMITE (FORMATION), WEST SIDE OF THE CINCINNATI ARCH IN KENTUCKY