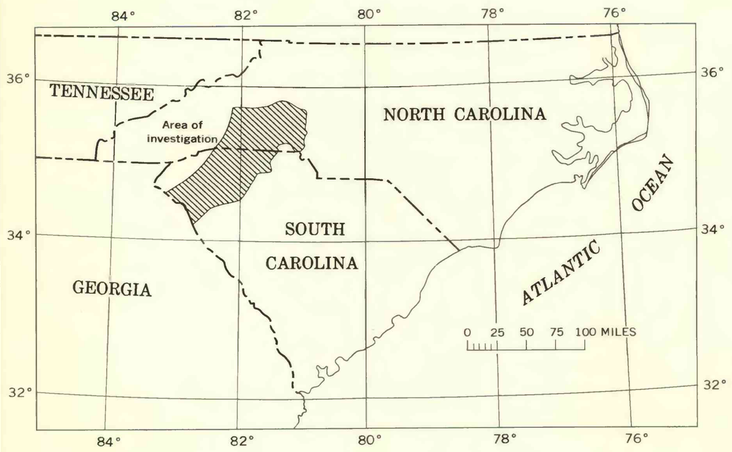
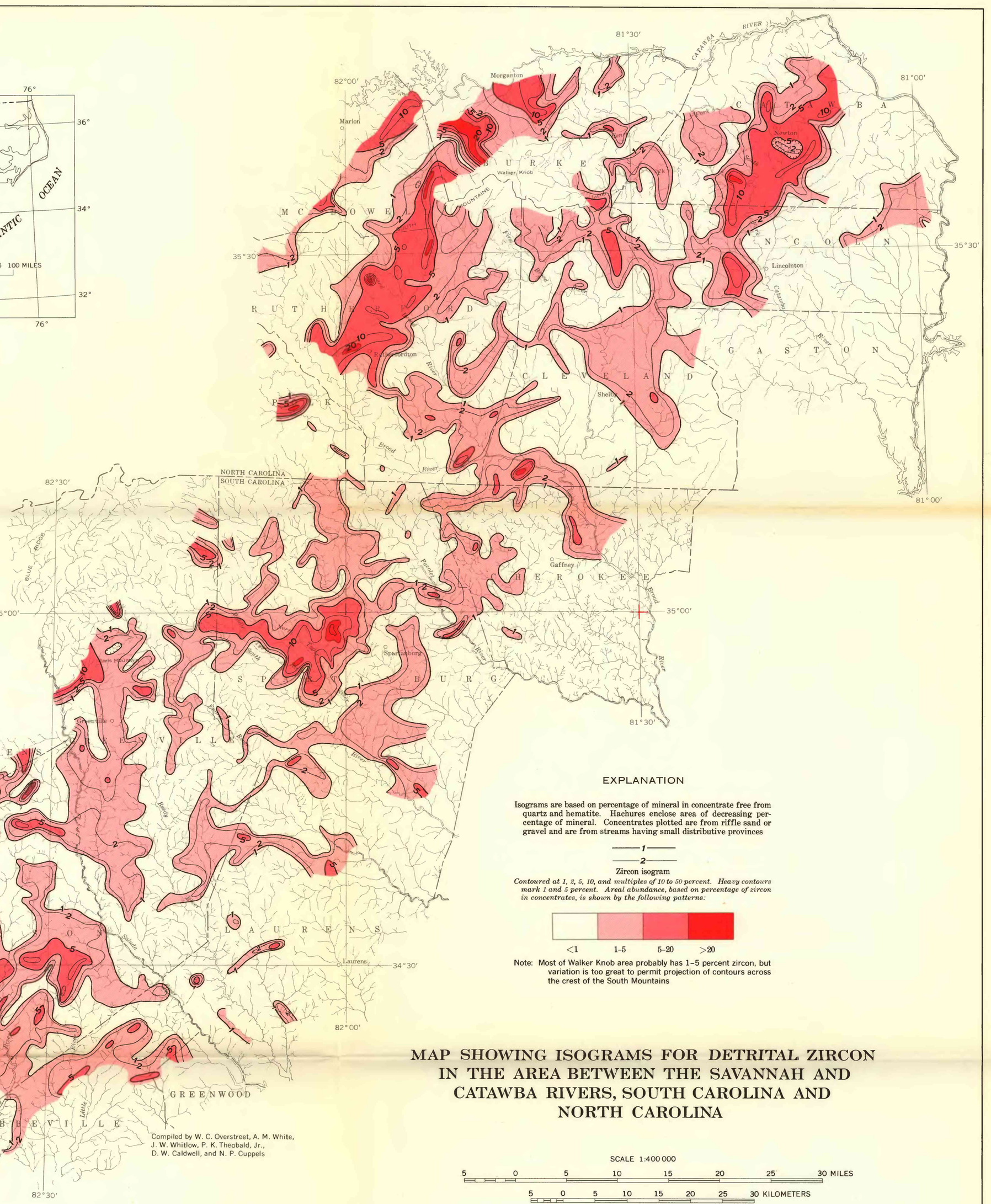


INDEX MAP



Base compiled from county road maps

Compiled by W. C. Overstreet, A. M. White, J. W. Whitlow, P. K. Theobald, Jr., D. W. Caldwell, and N. P. Cuppels

EXPLANATION

Isograms are based on percentage of mineral in concentrate free from quartz and hematite. Hachures enclose area of decreasing percentage of mineral. Concentrates plotted are from riffle sand or gravel and are from streams having small distributive provinces

1
2

Zircon isogram

Contoured at 1, 2, 5, 10, and multiples of 10 to 50 percent. Heavy contours mark 1 and 5 percent. Areal abundance, based on percentage of zircon in concentrates, is shown by the following patterns:

<1 1–5 5–20 >20

Note: Most of Walker Knob area probably has 1–5 percent zircon, but variation is too great to permit projection of contours across the crest of the South Mountains

MAP SHOWING ISOGRAMS FOR DETRITAL ZIRCON IN THE AREA BETWEEN THE SAVANNAH AND CATAWBA RIVERS, SOUTH CAROLINA AND NORTH CAROLINA

SCALE 1:400 000

5 0 5 10 15 20 25 30 MILES

5 0 5 10 15 20 25 30 KILOMETERS

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