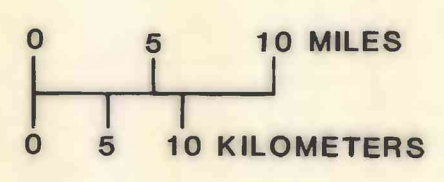


Upper Jurassic rocks range in thickness from less than 50 feet along their eastern boundary and at several isolated sites to a maximum of about 250 feet in northwestern Scott County. The thickness changes considerably within short distances. Thicknesses of more than 200 feet are present at several isolated sites in Scott, Greeley, Morton, and Stanton Counties. The average thickness of Upper Jurassic rocks is about 100 feet in the study area. Although their presence is uncertain, rocks of Triassic age may be located in the extreme southwestern part of the State. Triassic rocks were not differentiated from Upper Jurassic rocks and are included in Upper Jurassic rocks in this study.

Limit of Upper Jurassic rocks modified from Merriam (1963) and Gutentag and others (1981)

EXPLANATION

- 200 — LINE OF EQUAL THICKNESS OF UPPER JURASSIC ROCKS-- Interval 50 feet
- 127 • DATA POINT--Number is thickness of Upper Jurassic rocks, in feet



Base from U.S. Geological Survey, 1974

MAP SHOWING THICKNESS OF UPPER JURASSIC ROCKS, SOUTHWESTERN KANSAS

By
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1983