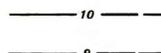


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF UTAH
UTAH GEOLOGICAL AND MINERAL SURVEY

HELPER QUADRANGLE
UTAH-CARBON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

EXPLANATION

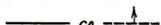


ISOPACHS—Showing thickness of coal, in feet. Short dashed where projected above land surface. Isopach interval 1 foot.

1.9



POINT OF MEASUREMENT—Showing thickness of coal, in feet.

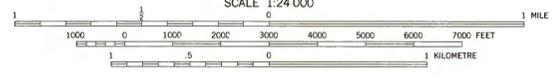
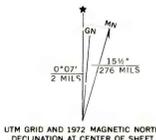
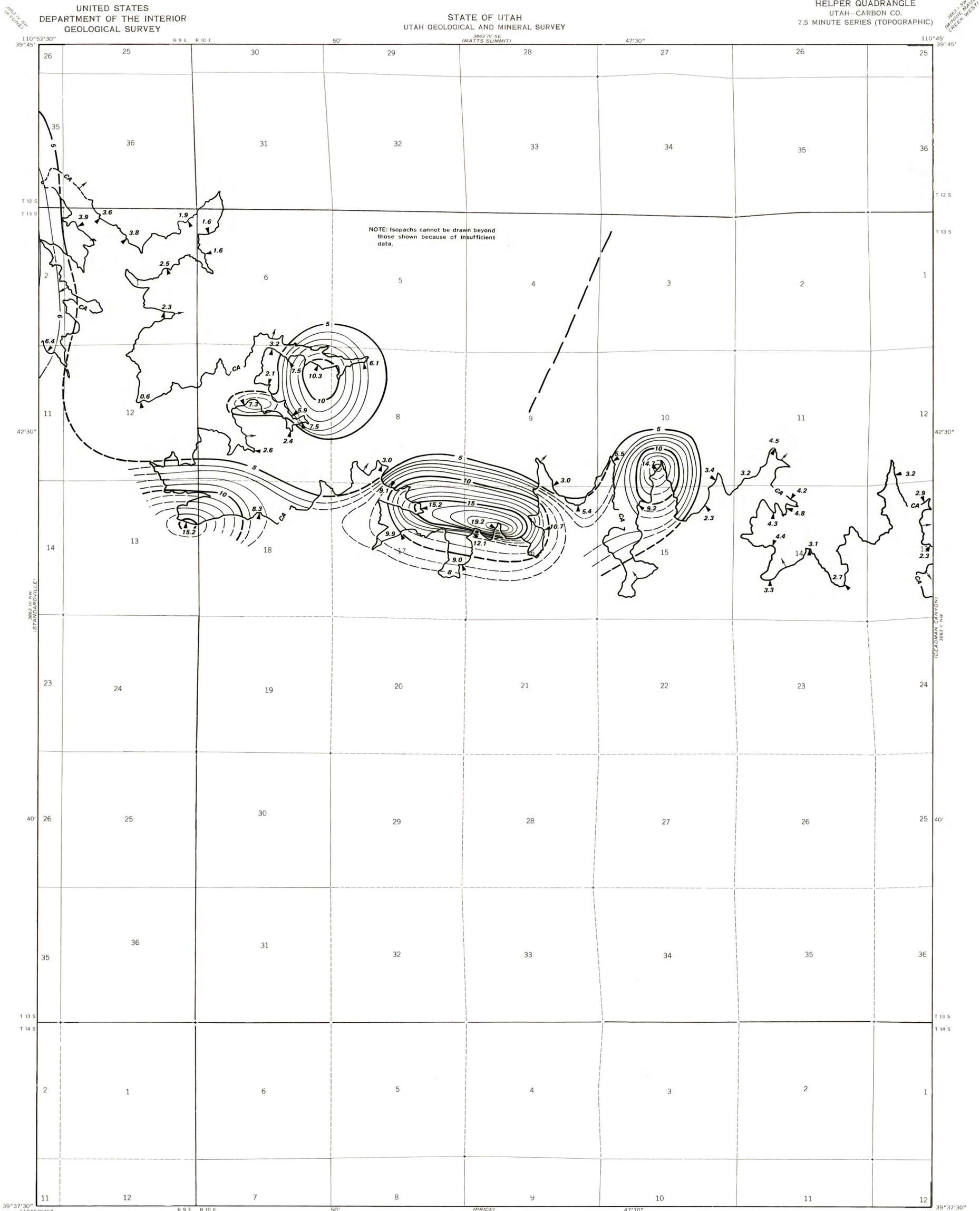


TRACE OF COAL BED OUTCROP—Showing symbol of name of coal bed. Arrow points toward coal-bearing area. Dashed where inferred by present authors.

FAULT—Dashed where approximately located.

To convert feet to meters, multiply feet by 0.3048.

NOTE: Isopachs cannot be drawn beyond those shown because of insufficient data.



COAL RESOURCE OCCURRENCE MAP OF THE HELPER QUADRANGLE, CARBON COUNTY, UTAH
BY
AAA ENGINEERING AND DRAFTING, INC.
1979