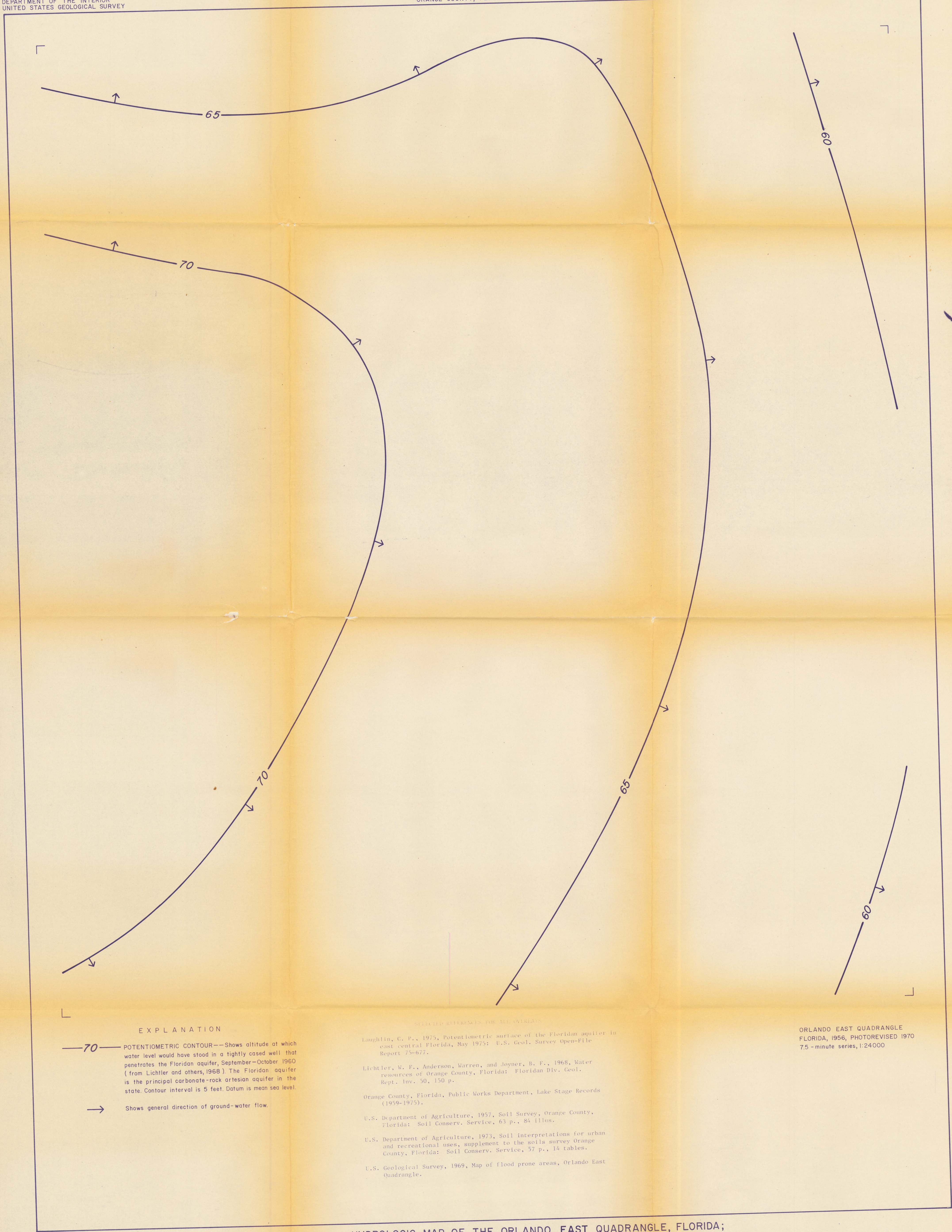


DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
BOARD OF COMMISSIONERS,
ORANGE COUNTY, FLORIDA

WATER RESOURCES INVESTIGATIONS
OPEN-FILE REPORT 77-134 (SHEET 1 OF 8)



EXPLANATION

- 70— POTENTIOMETRIC CONTOUR—Shows altitude at which water level would have stood in a tightly cased well that penetrates the Floridan aquifer, September–October 1960 (from Lichtler and others, 1968). The Floridan aquifer is the principal carbonate-rock artesian aquifer in the state. Contour interval is 5 feet. Datum is mean sea level.
- Shows general direction of ground-water flow.

SELECTED REFERENCES FOR ALL OVERLAYS

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- U.S. Department of Agriculture, 1973, Soil interpretations for urban and recreational uses, supplement to the soils survey Orange County, Florida: Soil Conserv. Service, 57 p., 14 tables.
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ORLANDO EAST QUADRANGLE
FLORIDA, 1956, PHOTOREVISED 1970
7.5-minute series, 1:24000

HYDROLOGIC MAP OF THE ORLANDO EAST QUADRANGLE, FLORIDA;
OVERLAY SHOWING POTENTIOMETRIC SURFACE OF THE FLORIDAN
AQUIFER HIGH OF RECORD

By
W. D. Wood and L. J. Snell
1977