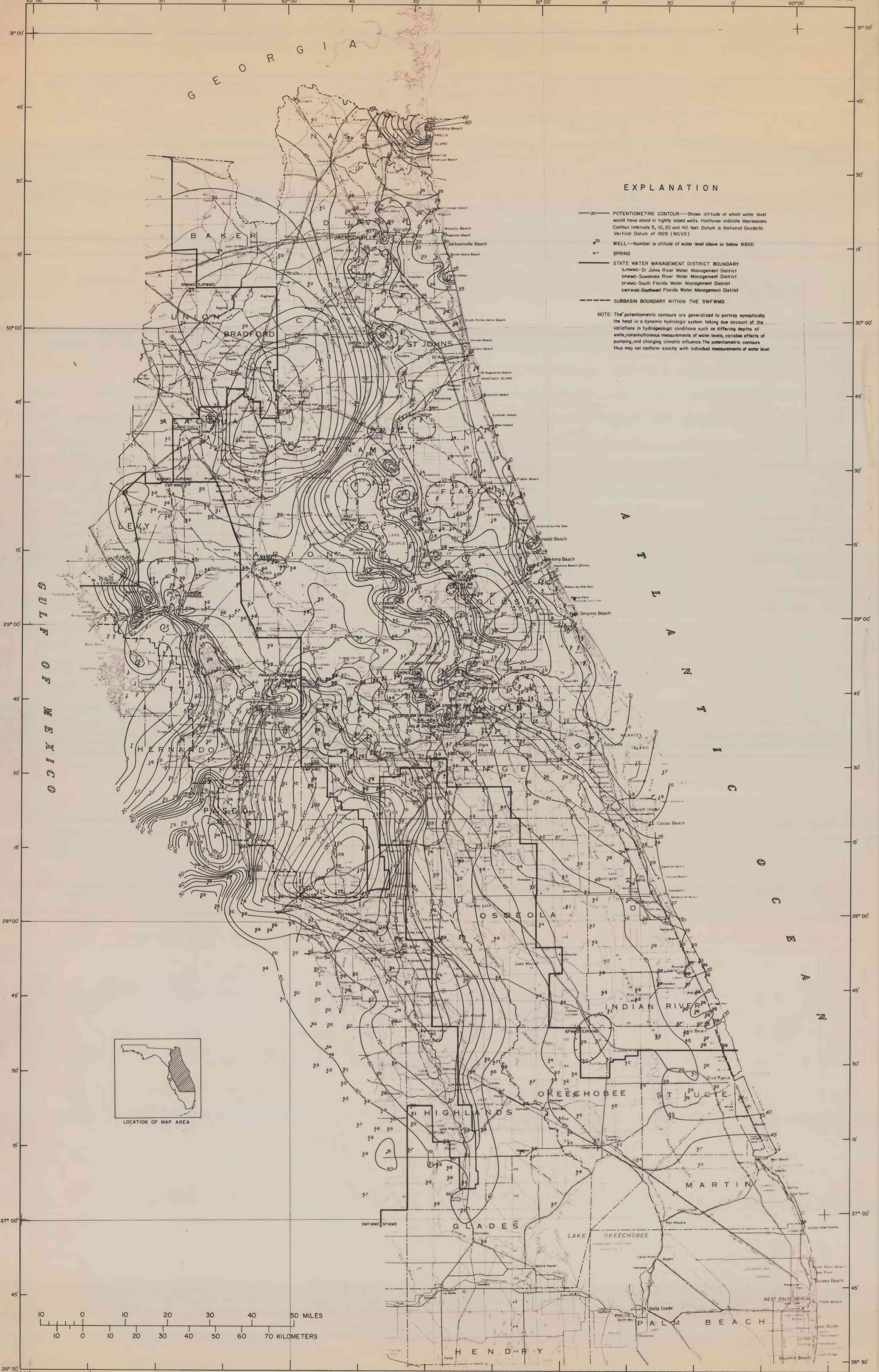


ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

BREVARD, DUVAL, FLAGLER, LAKE, SUMTER, AND VOLUSIA COUNTIES; BUREAU OF WATER RESOURCES MANAGEMENT-FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION;
SOUTH FLORIDA WATER MANAGEMENT DISTRICT; SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT; CITIES OF GAINESVILLE AND COCOA; AND
REEDY CREEK IMPROVEMENT DISTRICT

OPEN-FILE REPORT 82-915



EXPLANATION

- POTENTIOMETRIC CONTOUR--Shows altitude at which water level would have stood in tightly cased wells. Contours indicate depressions. Contour intervals 5, 10, 20 and 40 feet. Datum is National Geodetic Vertical Datum of 1929 (NGVD)
- WELL--Number is altitude of water level above or below NGVD
- SPRING
- STATE WATER MANAGEMENT DISTRICT BOUNDARY
SJRWMD-St. Johns River Water Management District
SRWMD-Suwannee River Water Management District
SWFMD-South Florida Water Management District
SWFWMD-Southwest Florida Water Management District
- SUBBASIN BOUNDARY WITHIN THE SWFWMD

NOTE: The potentiometric contours are generalized to portray synoptically the head in a dynamic hydrologic system taking due account of the variations in hydrogeologic conditions such as differing depths of wells, non-simultaneous measurements of water levels, variable effects of pumping, and changing climatic influence. The potentiometric contours thus may not conform exactly with individual measurements of water level.

POTENTIOMETRIC SURFACE OF THE FLORIDAN AQUIFER IN THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT AND VICINITY, FLORIDA, MAY 1982

By
G. R. Schiner and E. C. Hayes
1982