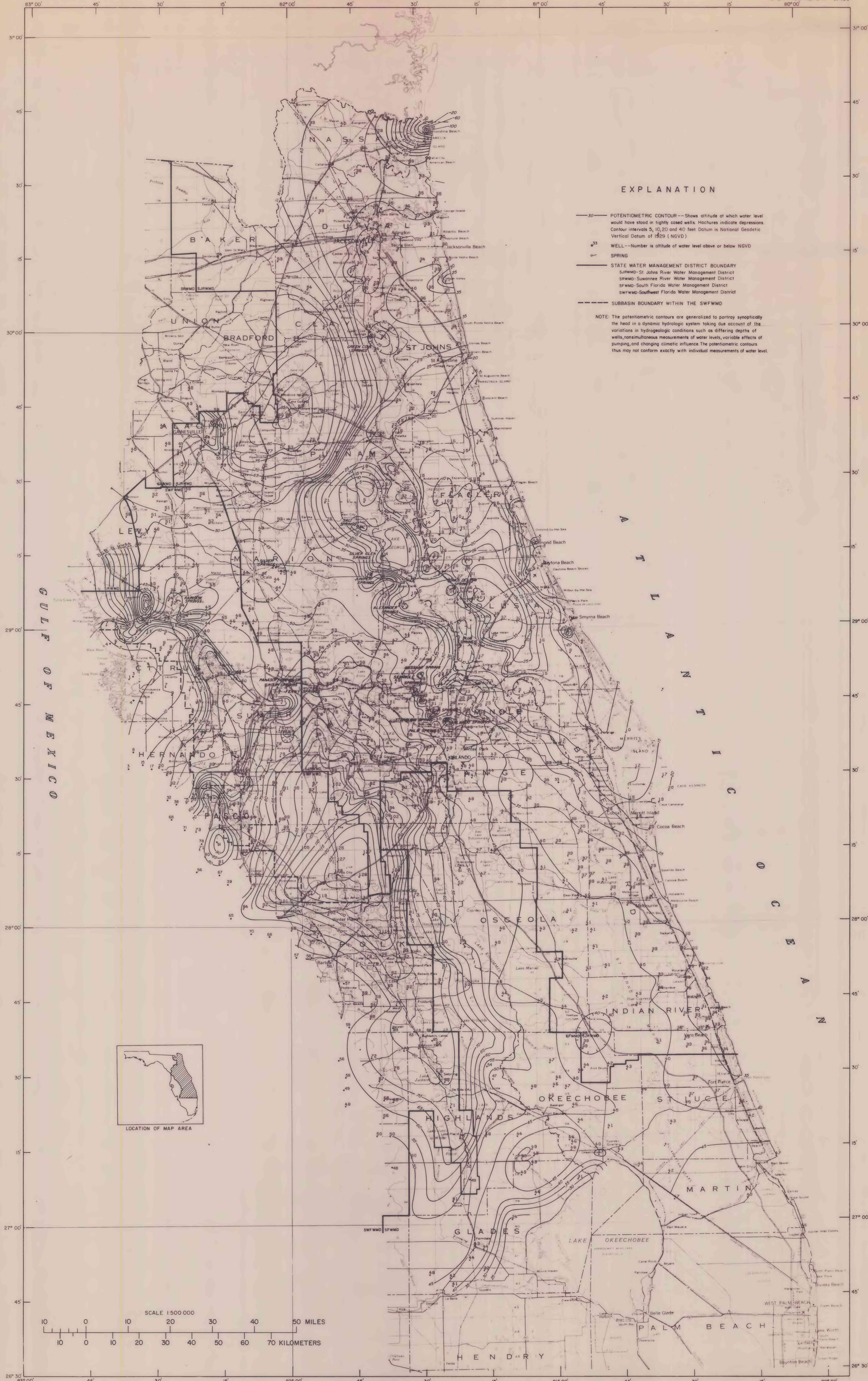


PREPARED IN COOPERATION WITH THE
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
AND

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

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

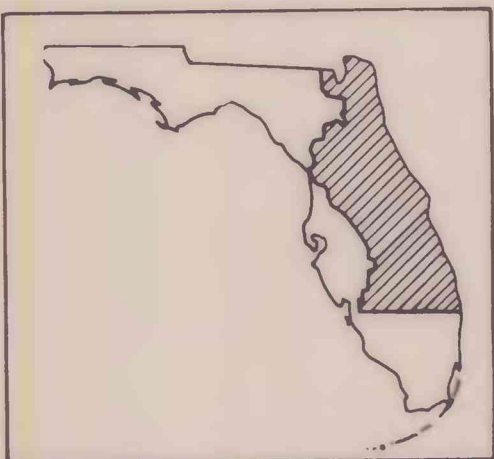
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EXPLANATION

- 30 — POTENTIOMETRIC CONTOUR—Shows altitude at which water level would have stood in tightly cased wells. Hachures indicate depressions. Contour intervals 5, 10, 20 and 40 feet. Datum is National Geodetic Vertical Datum of 1929 (NGVD).
- 33 • WELL—Number is altitude of water level above or below NGVD
- SPRING
- STATE WATER MANAGEMENT DISTRICT BOUNDARY
— SURFMD—St. Johns River Water Management District
— SWFMD—Suwannee River Water Management District
— SFWMD—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 into account of the variations in hydrogeologic conditions such as differing depths of wells, nonsimultaneous 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.



LOCATION OF MAP AREA

POTENTIOMETRIC SURFACE MAP OF THE FLORIDAN AQUIFER IN THE ST. JOHNS
RIVER WATER MANAGEMENT DISTRICT AND VICINITY, FLORIDA, SEPTEMBER 1980

By
G. R. Schiner and E. C. Hayes
1980