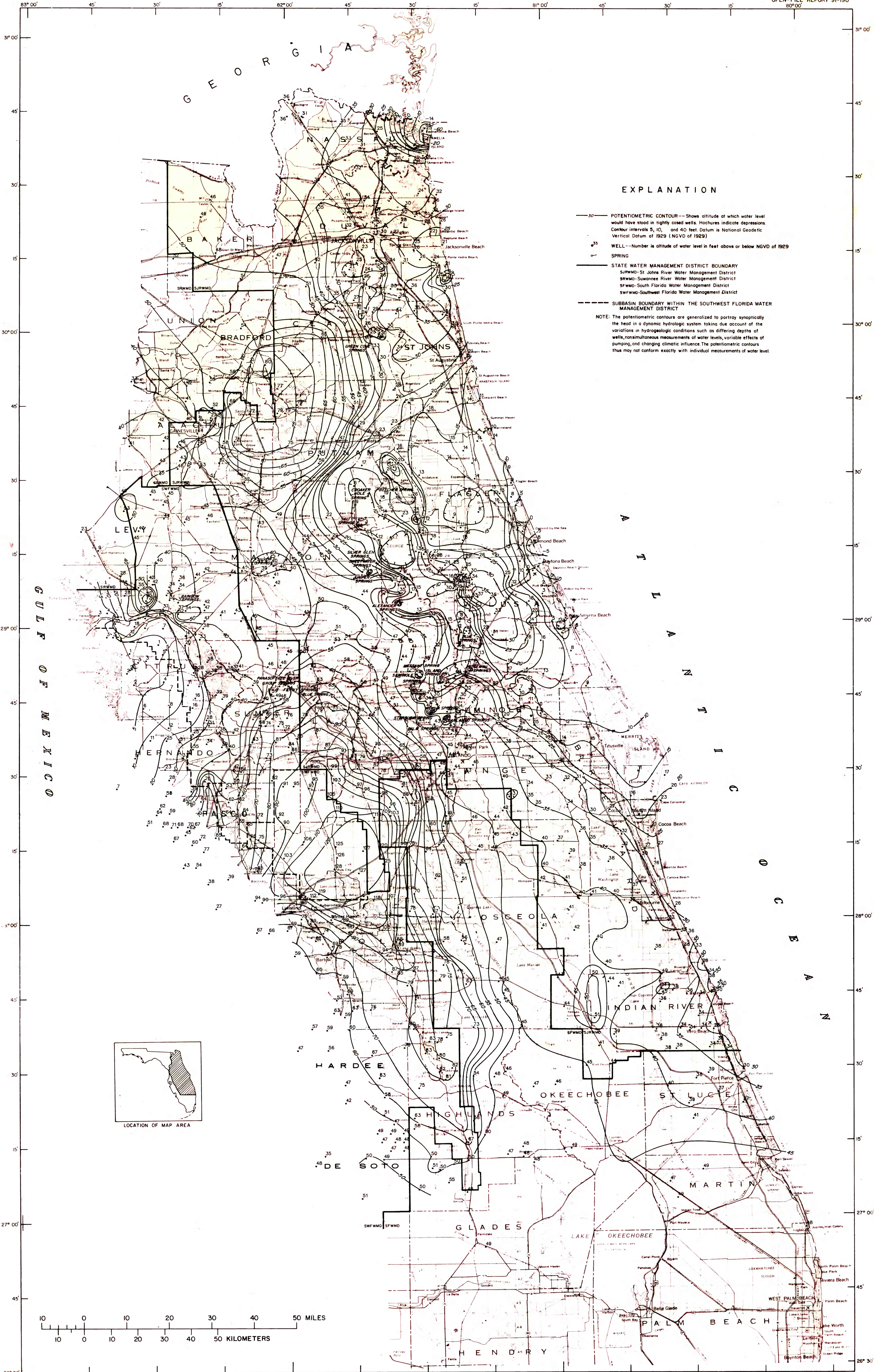


PREPARED IN COOPERATION WITH THE  
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT  
AND  
THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT AND THE  
SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY

OPEN-FILE REPORT 91-190



EXPLANATION

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

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, 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

0 10 20 30 40 50 MILES  
0 10 20 30 40 50 KILOMETERS

Base from U.S. Geological Survey  
State base map, 1:500,000

POTENTIOMETRIC SURFACE OF THE UPPER FLORIDAN AQUIFER IN THE ST. JOHNS RIVER  
WATER MANAGEMENT DISTRICT AND VICINITY, FLORIDA, SEPTEMBER 1990

By  
R.M. Spechler, L.C. Murray, L.A. Bradner, and G.G. Phelps  
1991

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