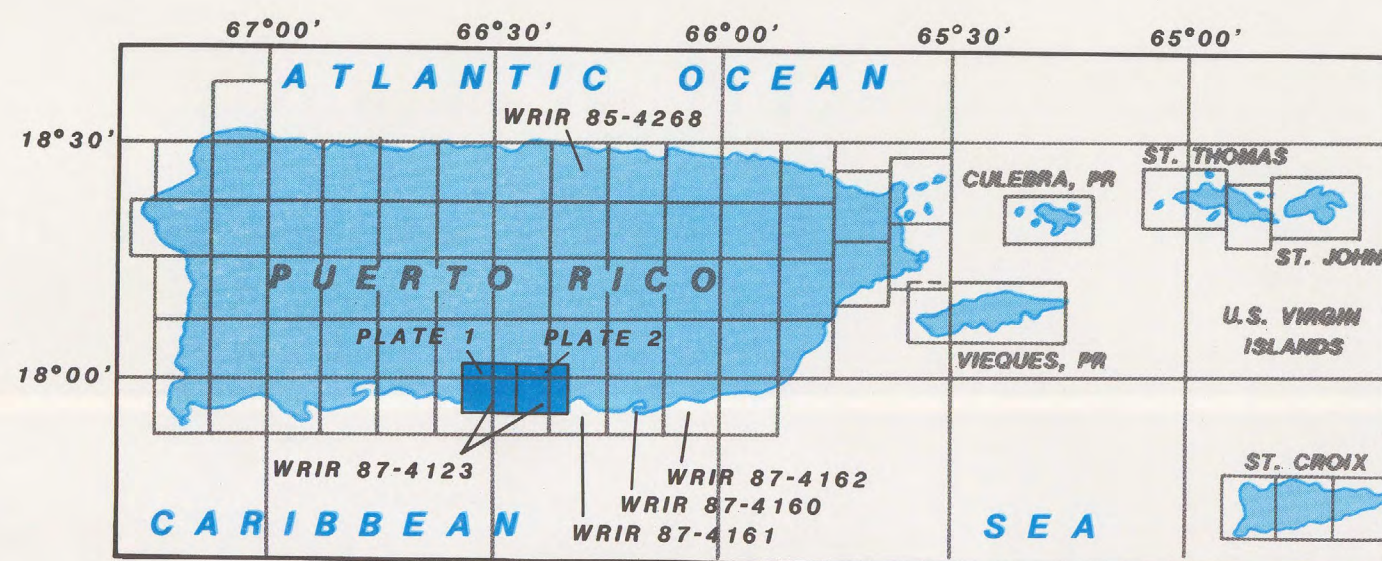


ELEVATION OF THE WATER-TABLE SURFACE FOR THE ALLUVIAL AQUIFER AND HYDROLOGIC CONDITIONS IN THE SANTA ISABEL-JUANA DIAZ AREA, PUERTO RICO, MARCH 1986

U.S. GEOLOGICAL SURVEY
WATER-RESOURCES INVESTIGATIONS
REPORT 87-4123



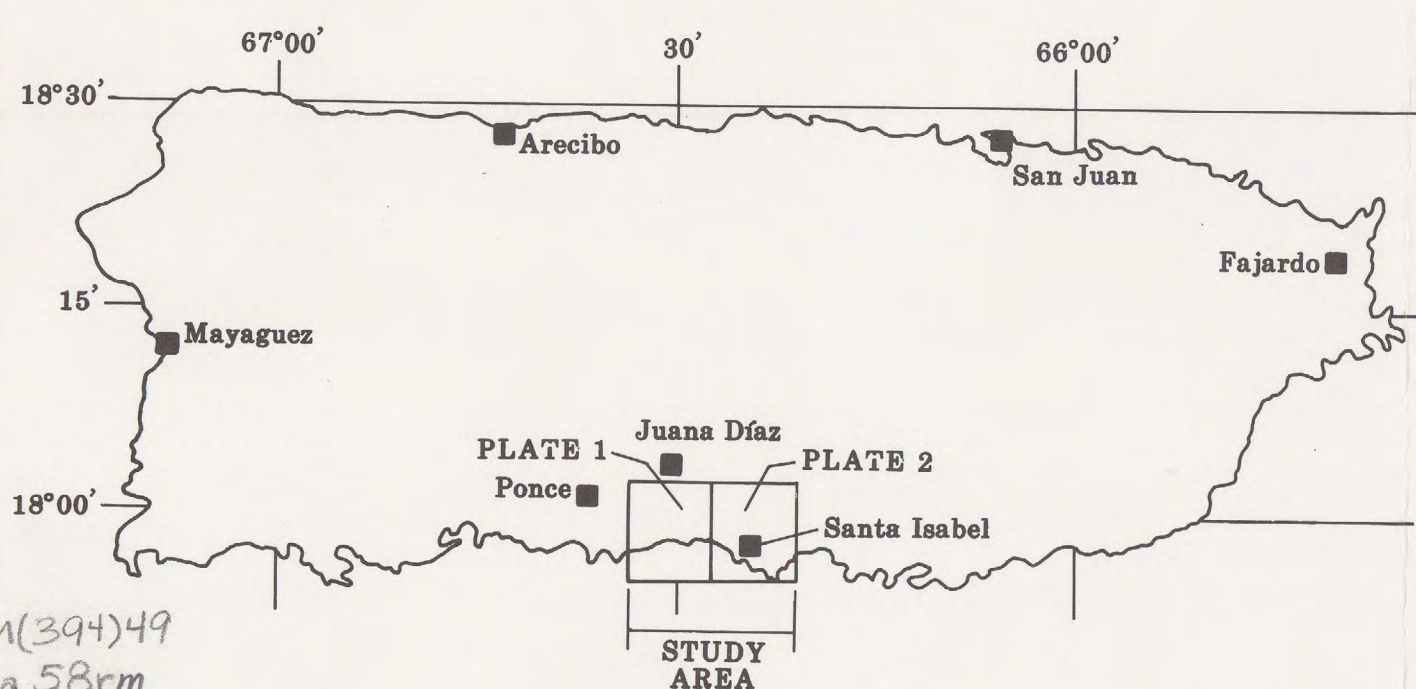
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1987

ELEVATION OF THE WATER-TABLE SURFACE FOR THE ALLUVIAL AQUIFER AND HYDROLOGIC CONDITIONS IN THE SANTA ISABEL-JUANA DIAZ AREA, PUERTO RICO, MARCH 1986

By
Angel Román-Más and Orlando Ramos-Ginés

The elevation of the water-table surface, ground-water discharge by wells, and streamflow were measured in the Santa Isabel-Juana Diaz area during March 1986. Static water-level elevations in wells were contoured to produce a water-table elevation map. Instantaneous discharge was measured at all active wells in the area. In addition, the mean daily number of operating hours for each well was determined. Discharge was measured at several points along the major rivers and irrigation canals. Active farming areas were delineated.

Additional information is available from the U.S. Geological Survey, Water Resources Division, GPO Box 4424, San Juan, Puerto Rico, 00936 - Tel: (809) 753-4414.



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