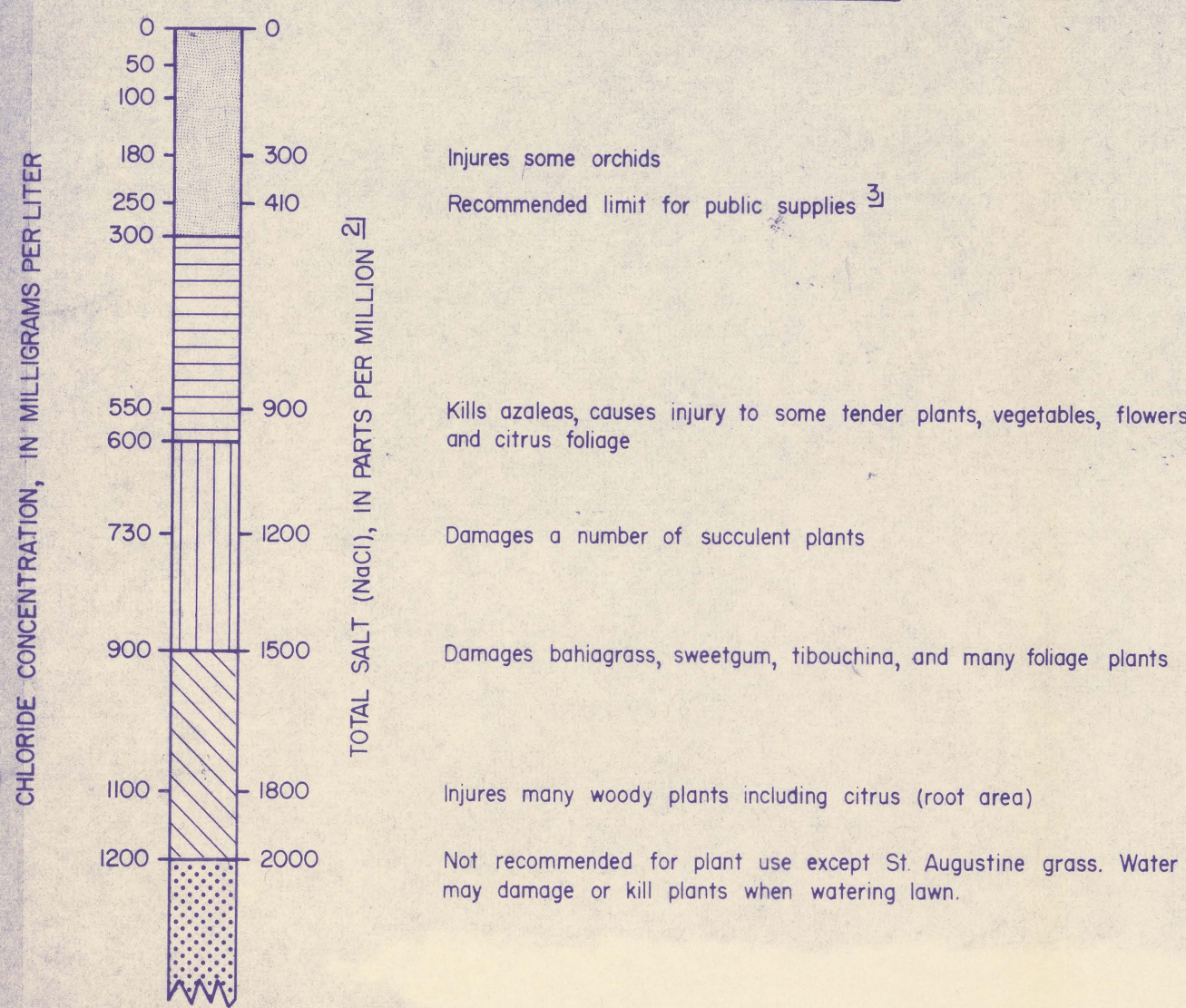




### EXPLANATION

#### AGRICULTURAL SIGNIFICANCE <sup>1</sup>



— 900 — LINE OF EQUAL CHLORIDE CONCENTRATION, March and September 1976. Dashed where approximately located. Some control data are on adjacent quadrangle. Contour interval 100 milligrams per liter.

• 620 WELL SAMPLED FOR CHLORIDE ANALYSIS. Number is chloride concentration, in milligrams per liter. Local well number is shown on sheet 1.

• 680 1957 WELL SAMPLED FOR CHLORIDE ANALYSIS IN PREVIOUS YEARS. Top number is chloride concentration, in milligrams per liter. Bottom number is year of sample collection.

<sup>1</sup> Agricultural significance levels were derived from experimental greenhouse plots and field observations, and reported as a form letter distributed by Brevard County Cooperative Extension Service (Rose, 1977) (reference, sheet 3).

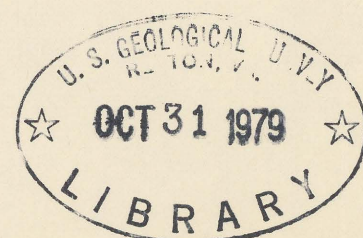
<sup>2</sup> Total salt values represent sodium chloride (NaCl) and other chloride salts present in ground-water samples analyzed by the Brevard County Cooperative Extension Service (Rose, 1977) using the solu-bridge electrode method. Total salt values are listed to provide a comparison for agricultural interests and homeowners using data from both sources. Chloride concentrations, in milligrams per liter, are portrayed on this overlay.

<sup>3</sup> National Academy of Sciences and National Academy of Engineering, 1974 (reference, sheet 3).

LAKE POINSETT QUADRANGLE, FLORIDA  
1953, PHOTOREVISED 1970,  
7.5-minute series, 1:24000

OVERLAY MAP OF THE LAKE POINSETT QUADRANGLE, FLORIDA; CHLORIDE CONCENTRATION OF WATER IN THE FLORIDAN AQUIFER, 1976

By  
James M. Frazee, Jr.,  
and  
C. P. Laughlin  
1979



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