

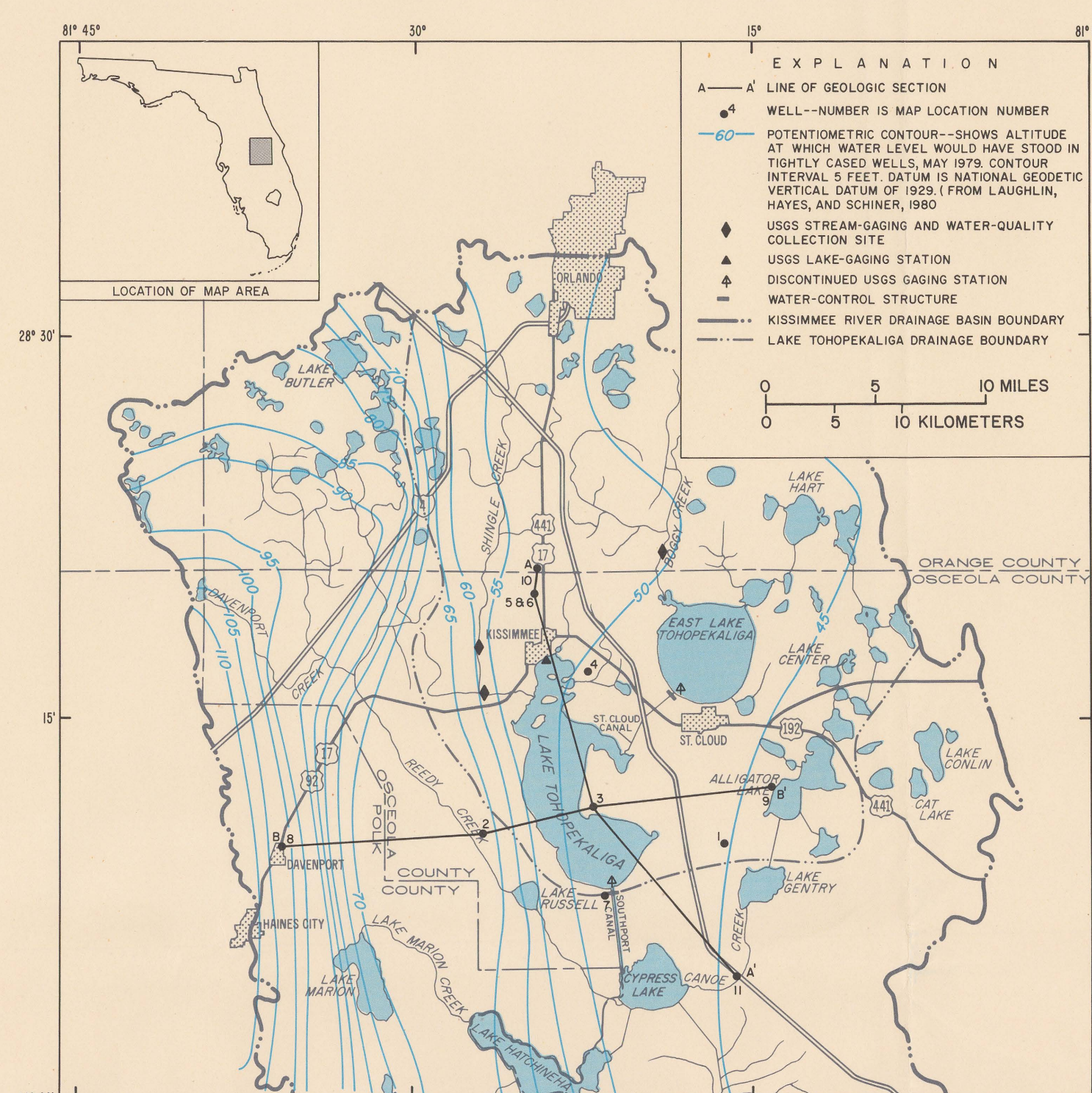


Figure 1.—The upper Kissimmee River basin showing Lake Tohopekaliga and area contributing surface drainage to its potentiometric contours of the Floridan aquifer; location of Floridan aquifer wells; and geologic sections A-A' and B-B'.

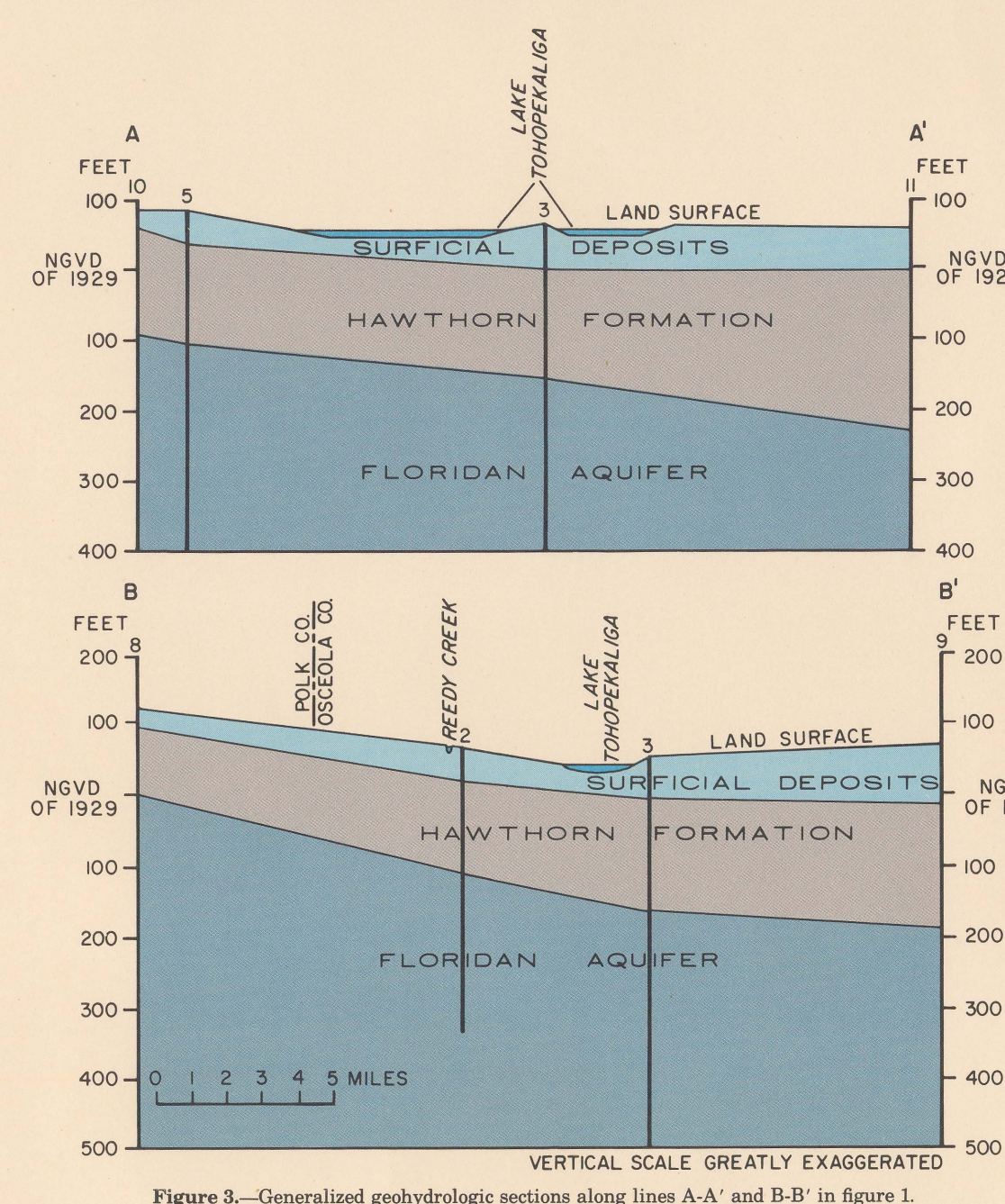


Figure 3.—Generalized geologic sections along lines A-A' and B-B' in figure 1.

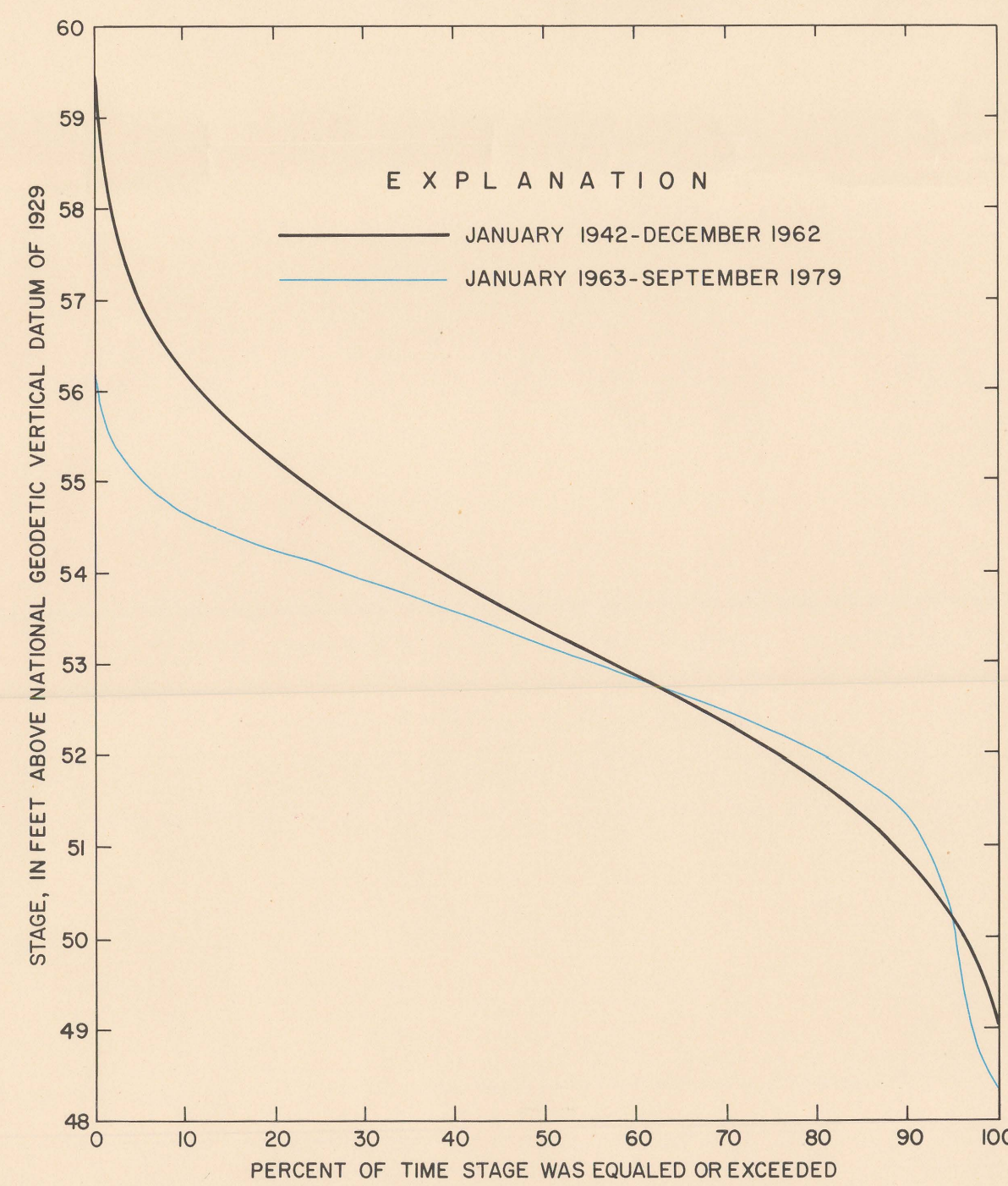


Figure 4.—Stage-duration curve for Lake Tohopekaliga.

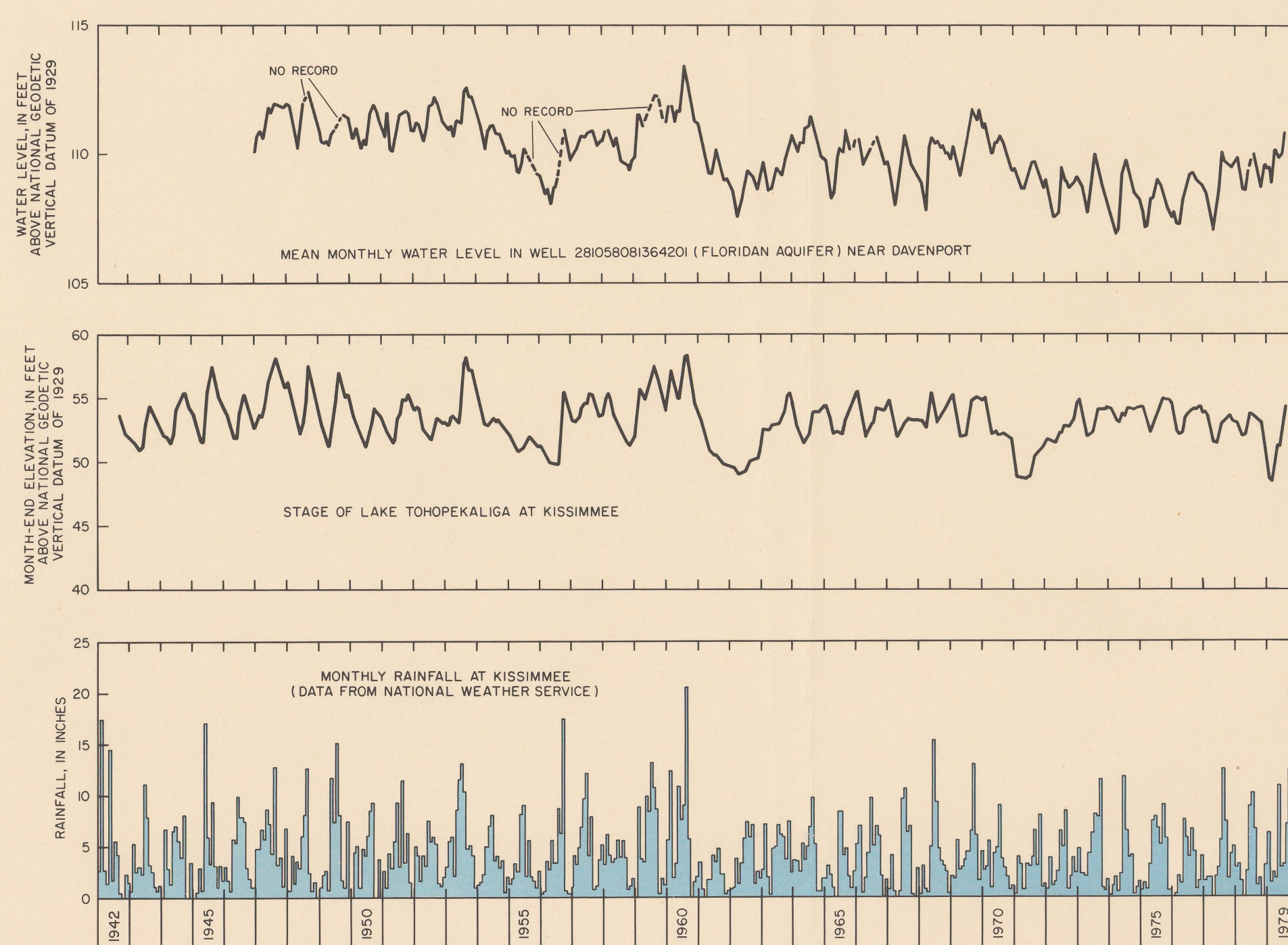


Figure 2.—Hydrographs of Lake Tohopekaliga, Floridan aquifer well 281058081364201 near Davenport, and precipitation at Kissimmee.

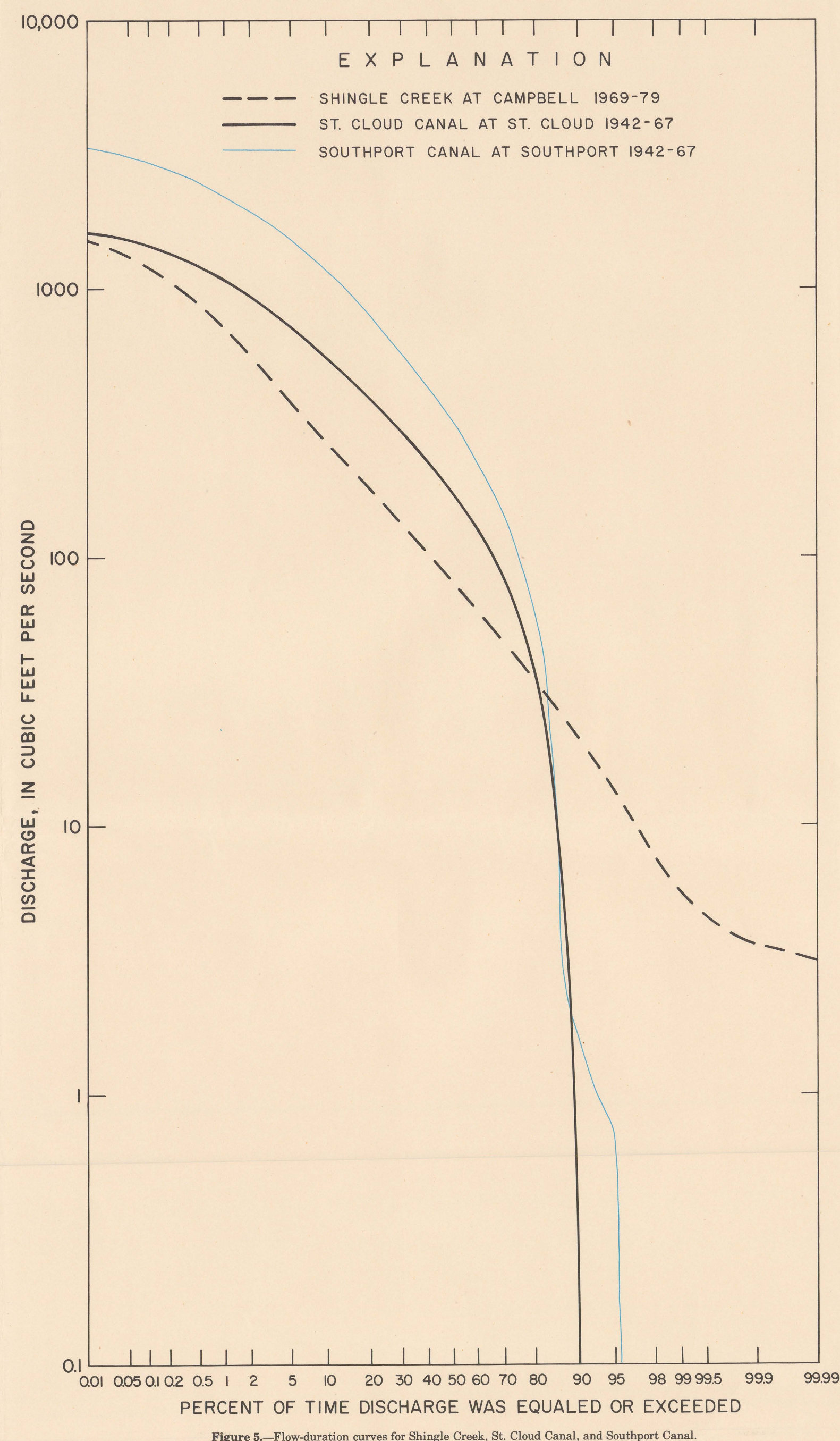


Figure 5.—Flow-duration curves for Shingle Creek, St. Cloud Canal, and Southport Canal.

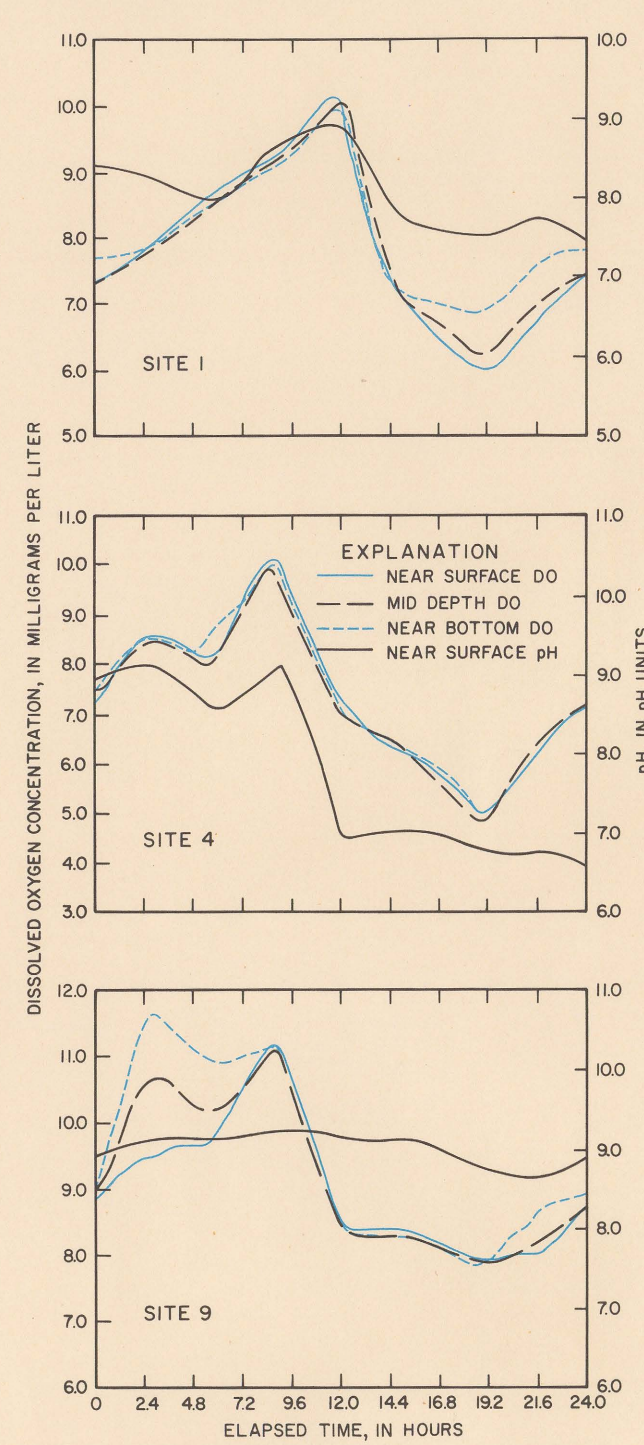


Figure 7.—Diel fluctuations of dissolved-oxygen (DO) concentration and pH at sites 1, 4, and 9 in Lake Tohopekaliga, May 1980.

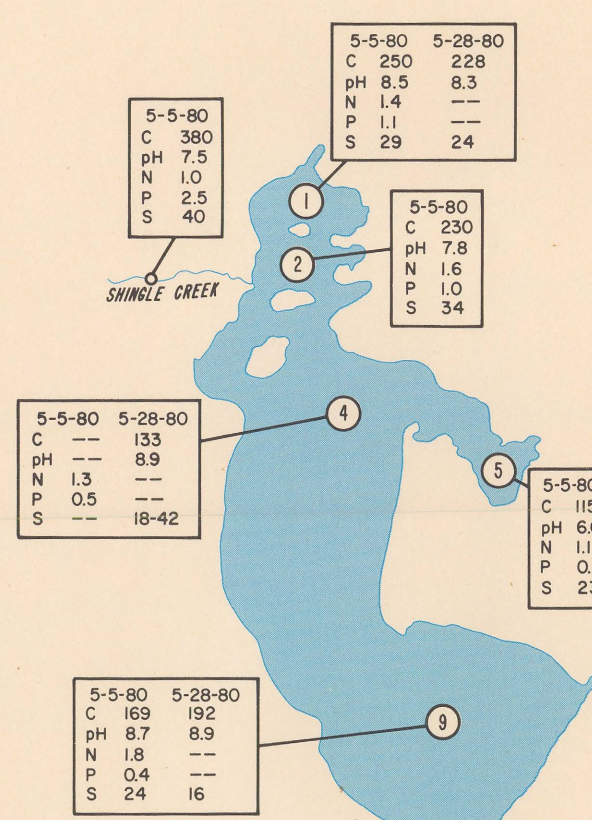


Figure 8.—Variation of selected chemical and physical parameters in Lake Tohopekaliga.

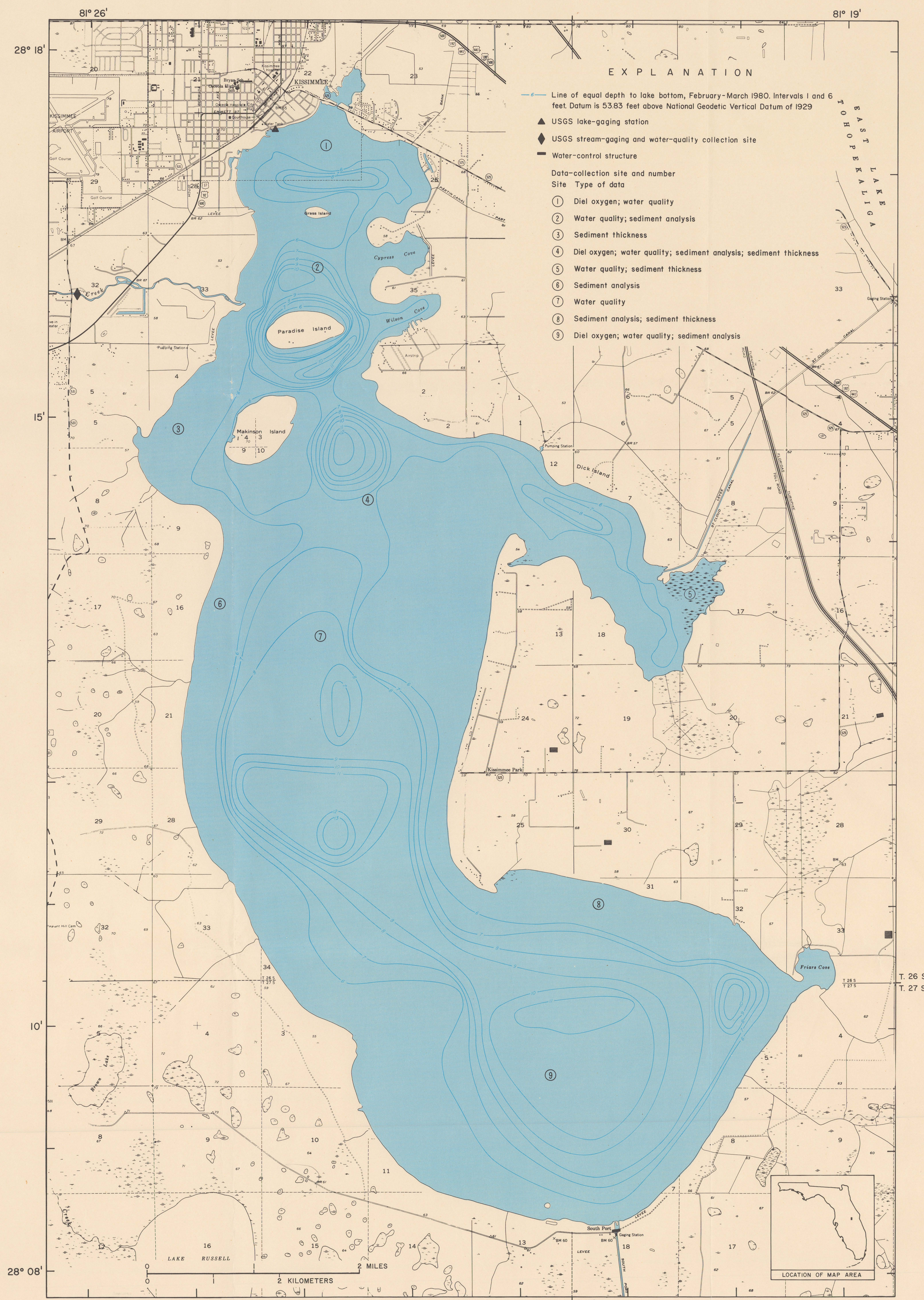
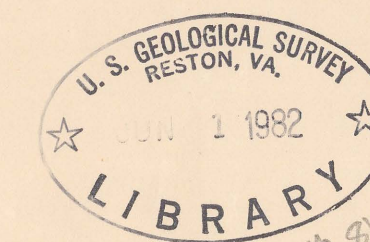


Figure 6.—Lake-depth contours and data-collection sites.

HYDROLOGY OF LAKE TOHOPEKALIGA, OSCEOLA COUNTY, FLORIDA

By
G. G. Phelps
1982



M(234)78
15726
91-536
Sheet 2



M(234)78
15726
91-536
Sheet 2