

Aerial photography shown on this sheet, obtained October 8, 1979, covers areas in the Rocky Creek basin. Flooded areas were delineated using supplementary aerial photography of August 24 and October 8, 1979, and photogrammetric maps with 1-foot contours. The inundated area boundary around gaged lakes was outlined on the 1-foot contour maps at the recorded maximum stage. The inundated area boundary around ungaged lakes and low-lying depressions were based on observed high-water marks or were estimated from the difference in altitude of the water on the date of photography and the maximum stage recorded on nearby gaged lakes. The State of Florida has map labels above location of the study area and an index map shows location of the area covered by this sheet and the other 11 inundation maps in this report.

Private residences are located near Pearl Lake, Lake Crenshaw, and Round and Saddleback Lakes. A small residential development, Kingsborough Gardens, is located on the east side of the study area. The area around the study area is located south of Saddleback Lake and east of Dale Mabry Highway. An area of large development, Northdale, is located south of Starvation Lake and west of Dale Mabry Highway.

Flooding affected a large area in the western part of the sheet, which includes part of the Northlake development, and several homes near Lake Crenshaw and Round and Saddleback Lakes. Other areas affected by flooding in the Rocky Creek basin are shown on sheets 2-4 and 7-10.

All lake stages are in feet above the National Geodetic Vertical Datum of 1929 (NGVD of 1929). Stage records have been collected on Van Dyke Lake, Lake Crenshaw, and Saddleback Lake since 1911, and 1911, fig. 1, table 1, since about 1970-71, and since 1981 for Starvation Lake table 13. Daily stage records were collected on Round Lake since 1967 and 1967, and three times weekly since 1971. A 1979 stage hydrograph for Lake Crenshaw is shown in figure 26. This hydrograph may indicate the change in stage during 1979 for other lakes in the immediate area.

The 1979 maximum stage on Van Dyke Lake, Lake Crenshaw, Starvation Lake (estimated), Round Lake, and Saddleback Lake occurred in late September. Except for Van Dyke Lake, the maximum stage for 1979 was the highest stage of record for gaged lakes mentioned above. However, records are too short to determine a reliable estimate of the frequency of the 1979 maximum flooding. The 1979 maximum stage for Lake Hobbs table 6, sheet 8, several miles northeast, had a recurrence interval of about 8 years.

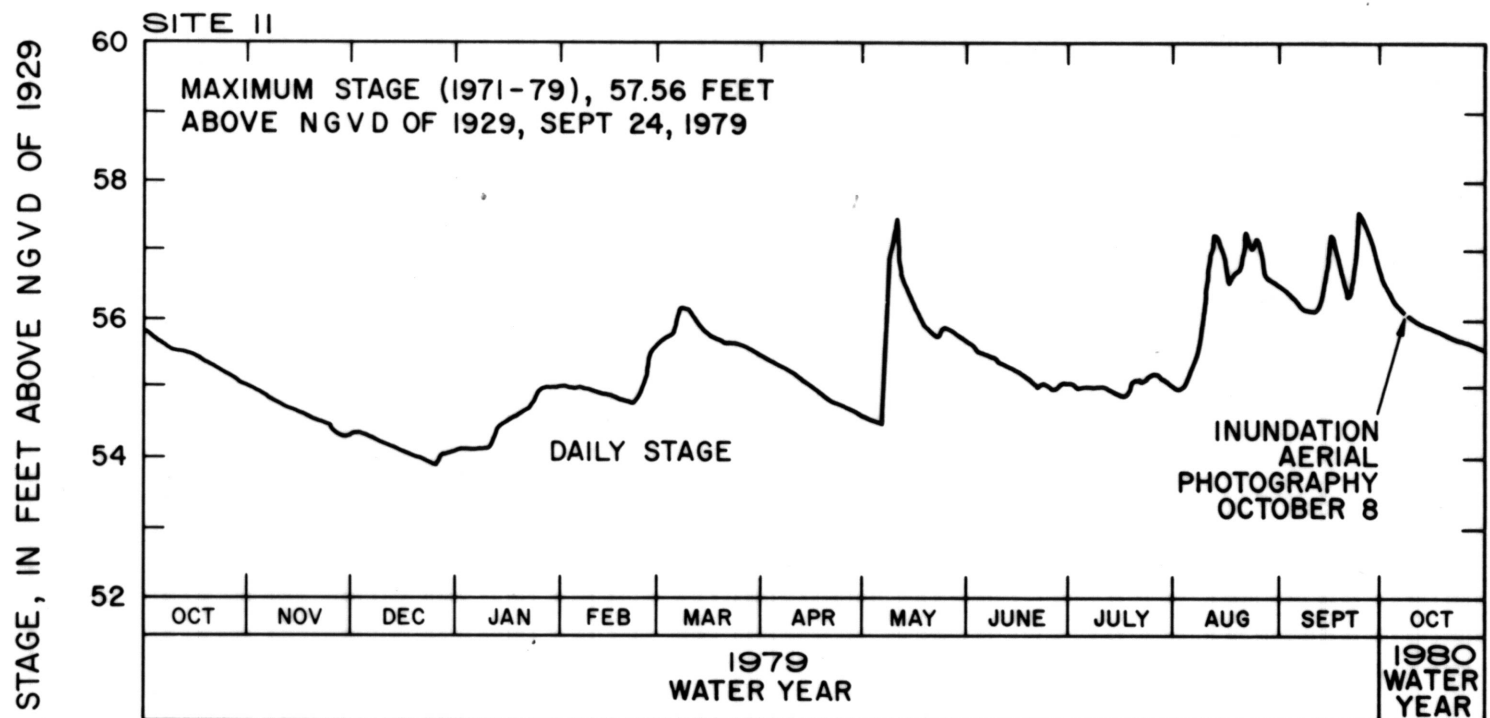
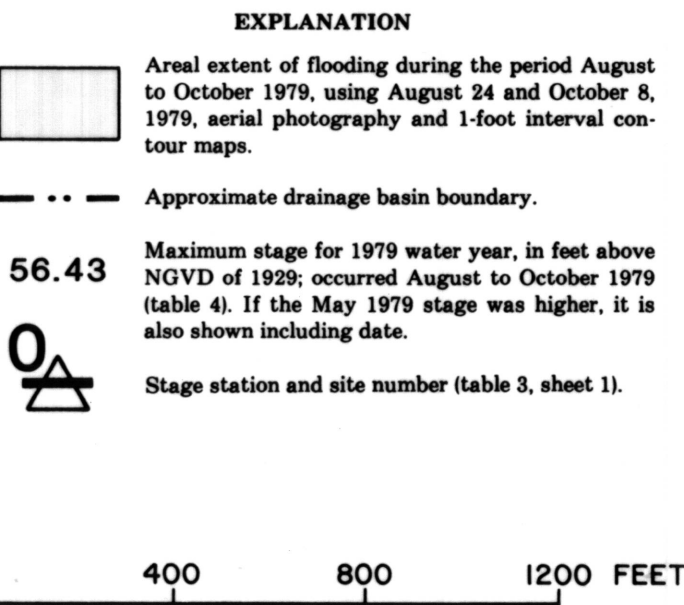
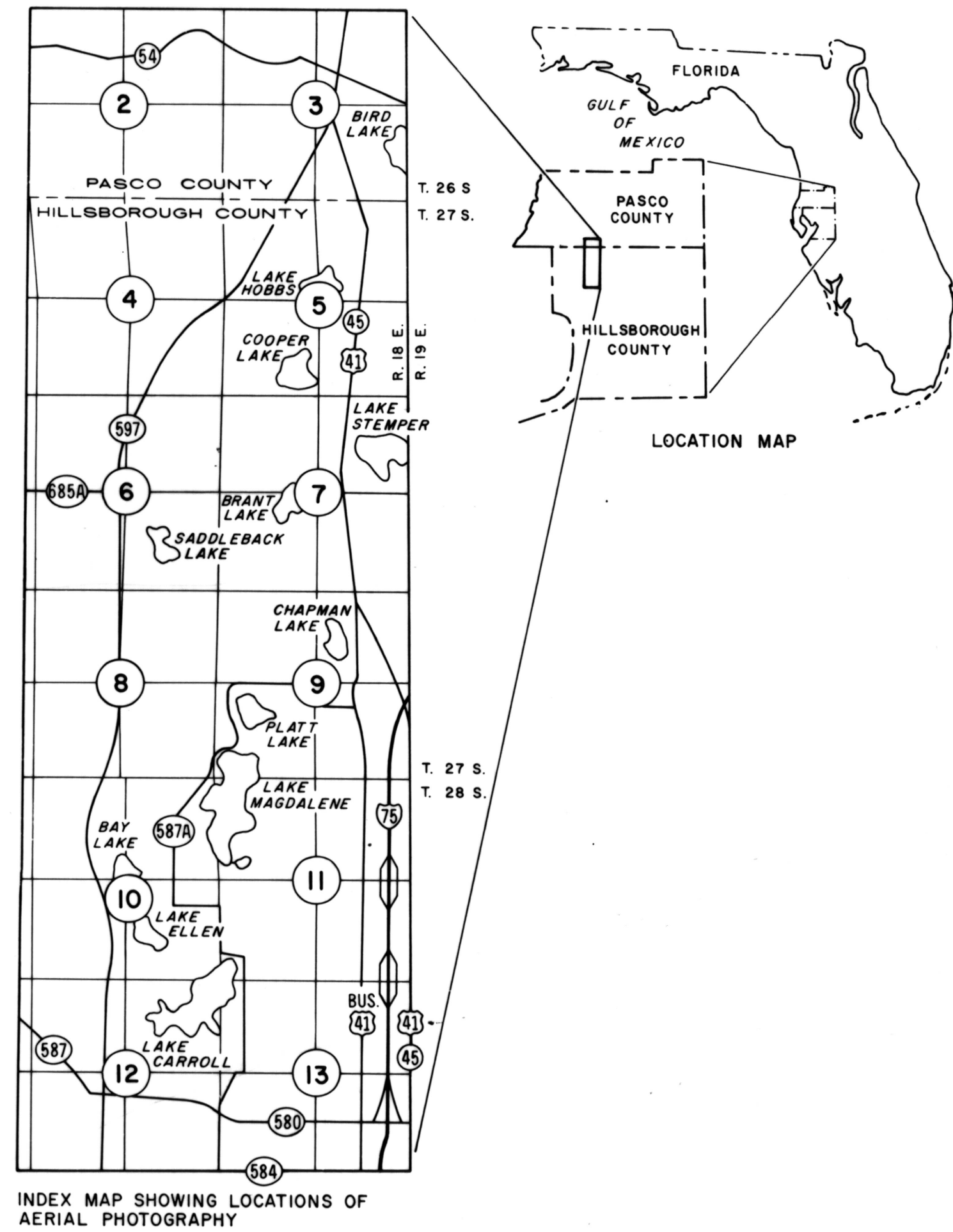


Figure 26.—Stage hydrograph for Lake Crenshaw near Lutz.



FLOOD DELINEATION BY
SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
USING PHOTOGRAMMETRIC METHODS

AERIAL PHOTOGRAPHY BY
KUCERA AND ASSOCIATES, INC.
(SHEETS 2-11, OCTOBER 8, 1979)
AND
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(SHEETS 12, 13, OCTOBER 5, 1979)

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