



FIGURE 2.—Streams in the Patillas—Maunabo area for which flood information is provided.

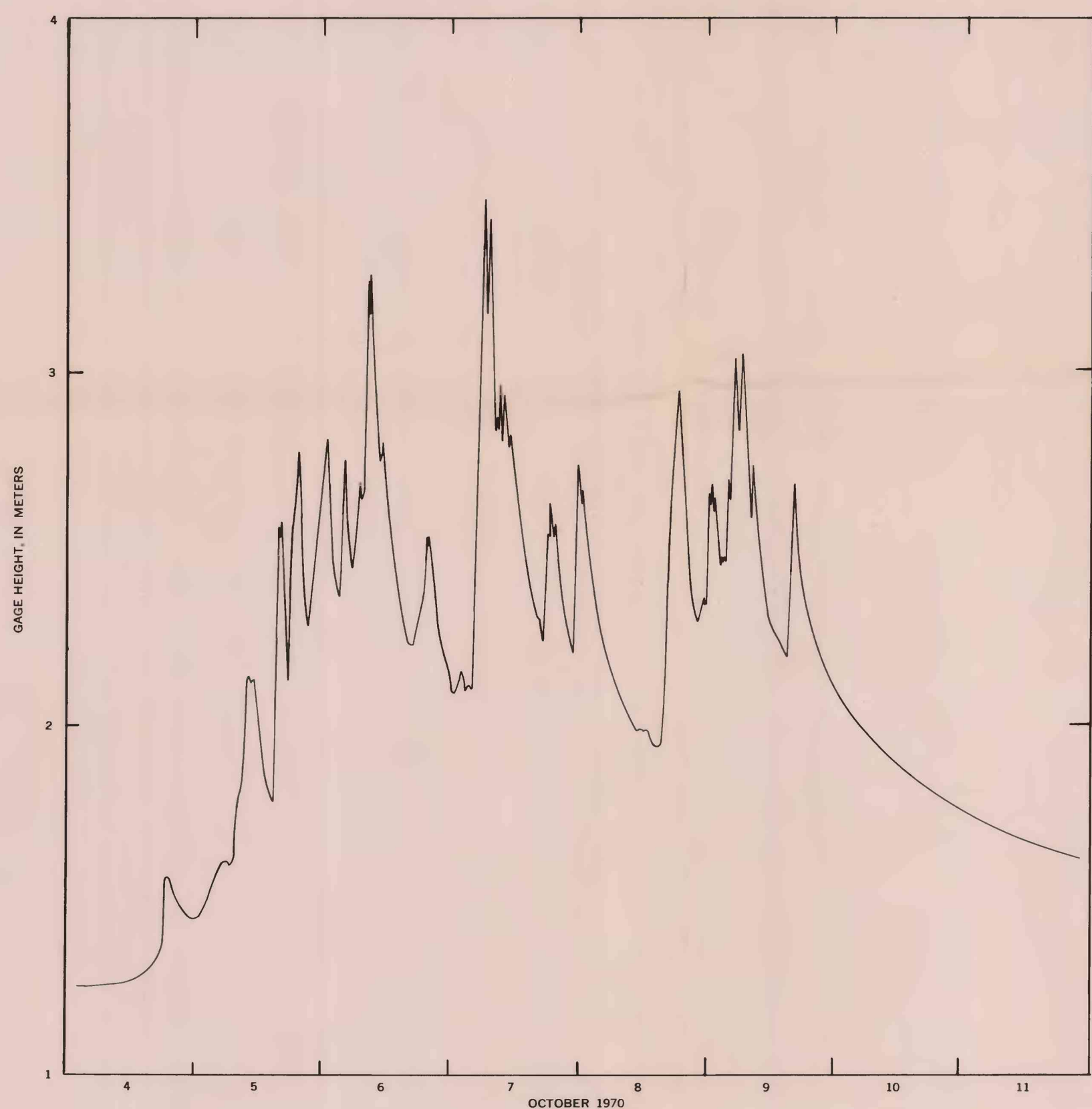


FIGURE 1.—Stage hydrograph of Río Grande de Patillas October 4-11, 1970, showing multiple peaks, typical of the 1970 flood on streams in the eastern two-thirds of Puerto Rico.

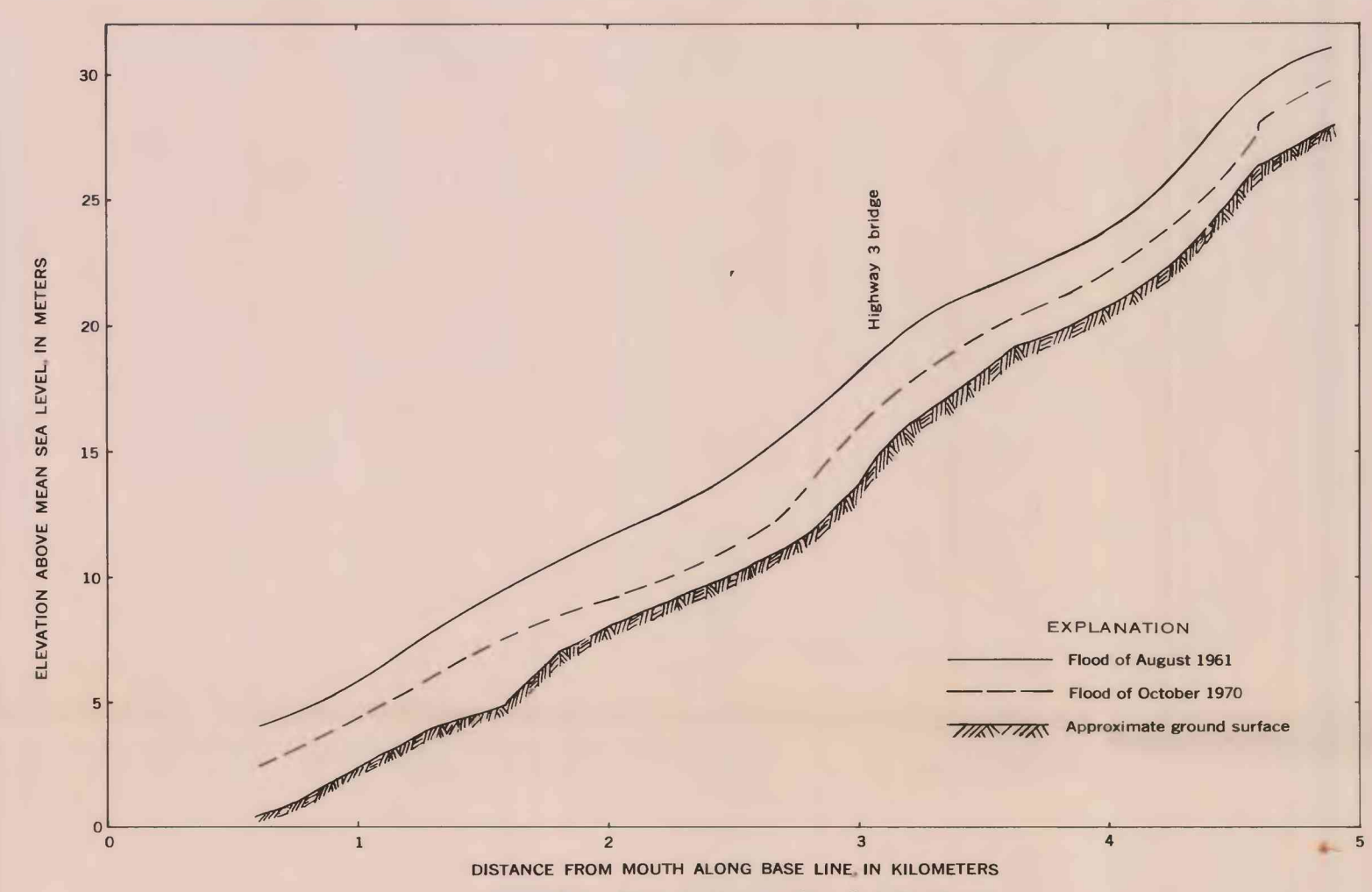


FIGURE 3.—Flood profiles, Río Grande de Patillas.

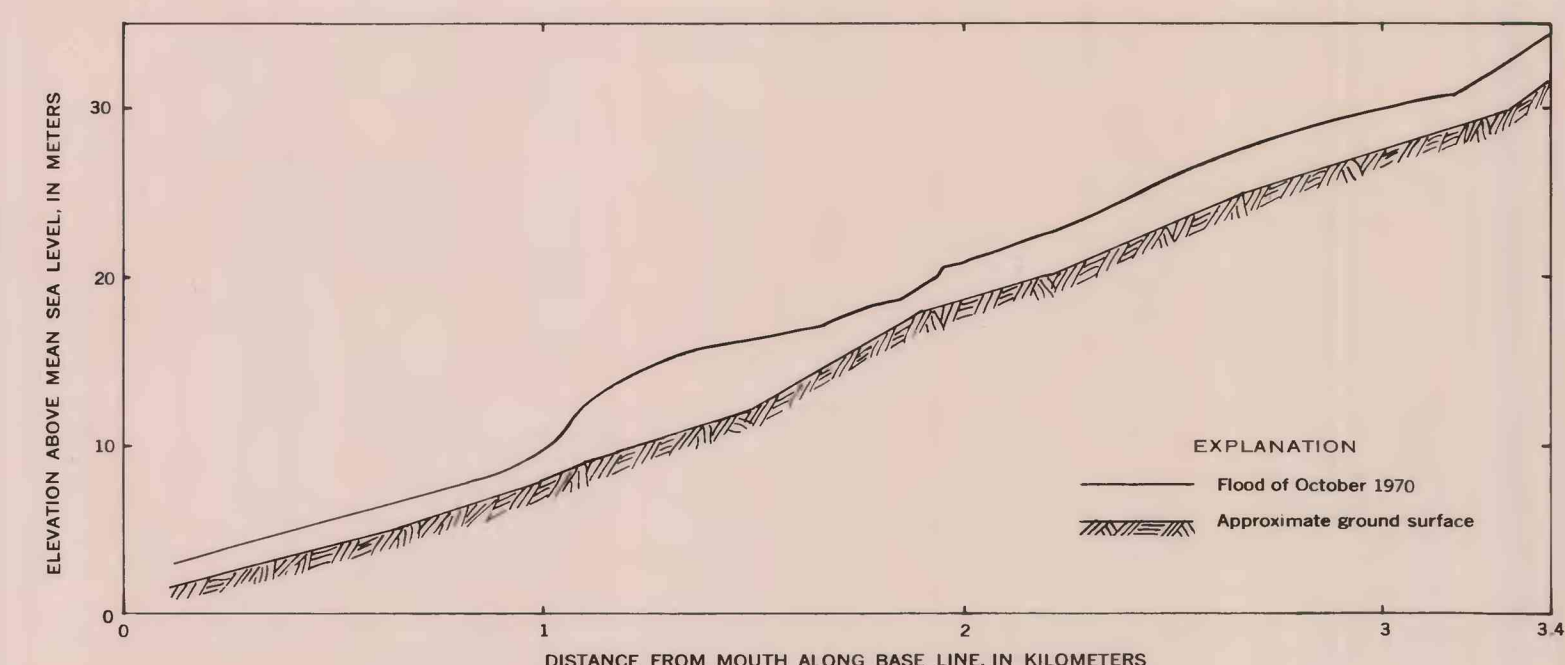


FIGURE 4.—Flood profile, Río Jacoboa.

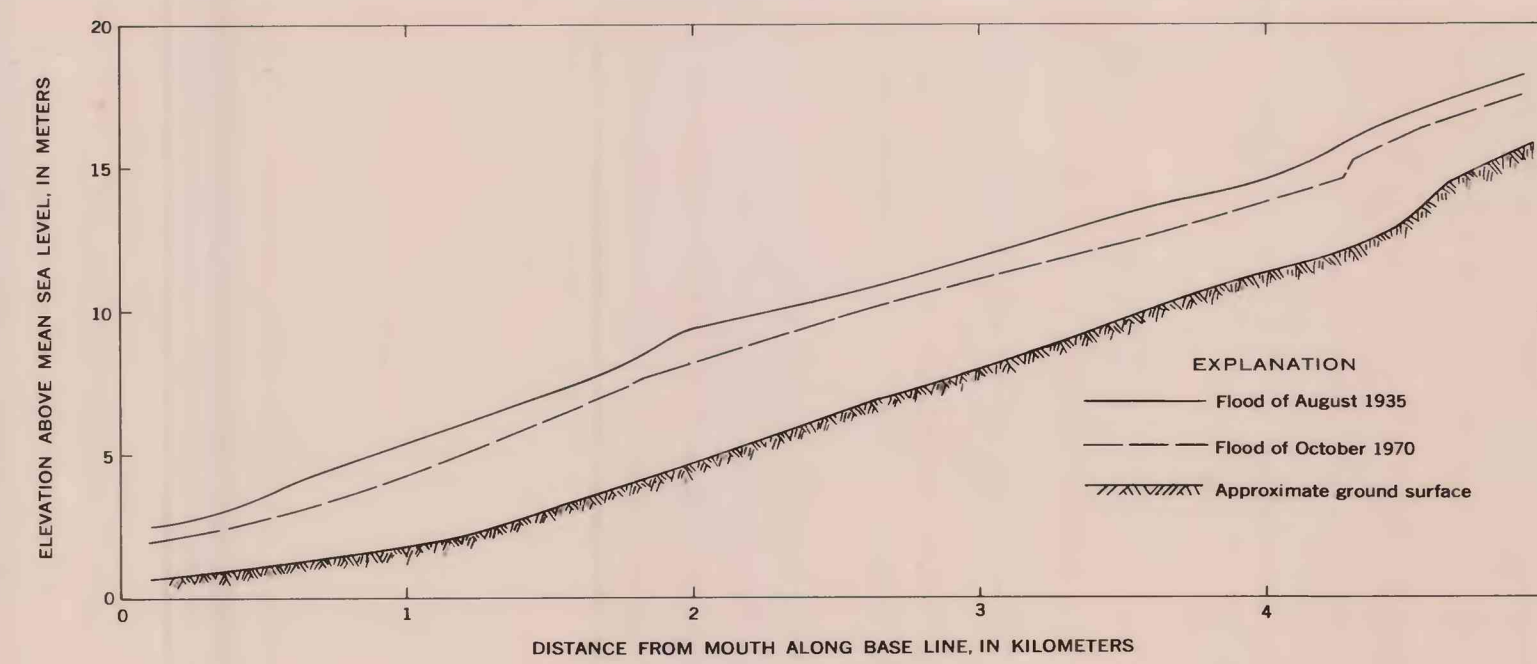


FIGURE 5.—Flood profiles, Río Maunabo.

EXPLANATION

Area flooded

Boundary of flood

Water-surface contour for flood, in meters. Contour interval varies

Floodmark elevation, in meters, and year of flood

Base line and distance from mouth of river, in kilometers



A common scene along the southern coast of Puerto Rico during the floods of October 1970.

FLOODS IN PATILLAS-MAUNABO AREA, PUERTO RICO

By
William J. Haire

SCALE 1:20,000

0 1 2 3 4 5 KILOMETERS

0 1 2 3 4 MILE

CONTOUR INTERVAL 10 METERS
DASHED LINES REPRESENT 5-METER CONTOURS
DOTTED LINES REPRESENT 1-METER CONTOURS
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 0.2 METERS

1971