

NUMBER ON MAP	LOCATION	PRECIPITATION, OF SEPTEMBER 15-17, 1975 IN INCHES			
		SEPTEMBER 15	SEPTEMBER 16	SEPTEMBER 17	TOTAL
1	ADJUNTAS SUBSTATION	0.15	11.99	4.87	17.01
2	CARITE PLANT NO. 1	.05	10.05	6.85	16.95
3	CERRO MARAVILLA	.46	16.00	2.37	18.83
4	CORRAL VIEJO	.10	7.58	8.26	15.94
5	ENSENADA	.05	5.41	10.30	15.76
6	HUMACAO	.40	8.02	5.22	13.64
7	LAJAS SUBSTATION	.29	3.10	12.26	15.65
8	MARICAO 2 SSW	2.32	6.05	14.10	22.47
9	PONCE 4 E	0	2.90	7.78	10.68
10	SABANA GRANDE 2 ENE	1.20	14.00	11.50	26.70

FIGURE 2.--Map of Puerto Rico showing isohyets for storm of September 15-17, 1975, locations of selected precipitation and stream-gaging stations, and table showing the precipitation for the selected stations.

Table 2.--Elevation of selected bridges in the Río Tallaboa basin.

Map symbol	Stationing along base line, in kilometers	Location of bridge	Elevation above mean sea level, in meters	
			Top of deck	Low beam
A	9.585	Río Guayanés--Highway 386	78.1	77.3
*B	8.908	Río Guayanés--Los Chinos access road	60.9	60.4
*C	8.255	Río Guayanés--Unnamed community access road	49.6	49.1
D	7.478	Río Tallaboa--Highway 132 bridge	39.9	39.1
E	4.776	Río Tallaboa--Highway 384 bridge	20.4	18.9
F	2.715	Río Tallaboa--New Highway 2 bridge	13.2	11.4
G	2.200	Río Tallaboa--Oxochem Company access road bridge	12.4	10.9
H	1.805	Río Tallaboa--Highway 127 bridge (old Highway 2)	8.4	7.1

*Bridge destroyed in September 16, 1975, flood.

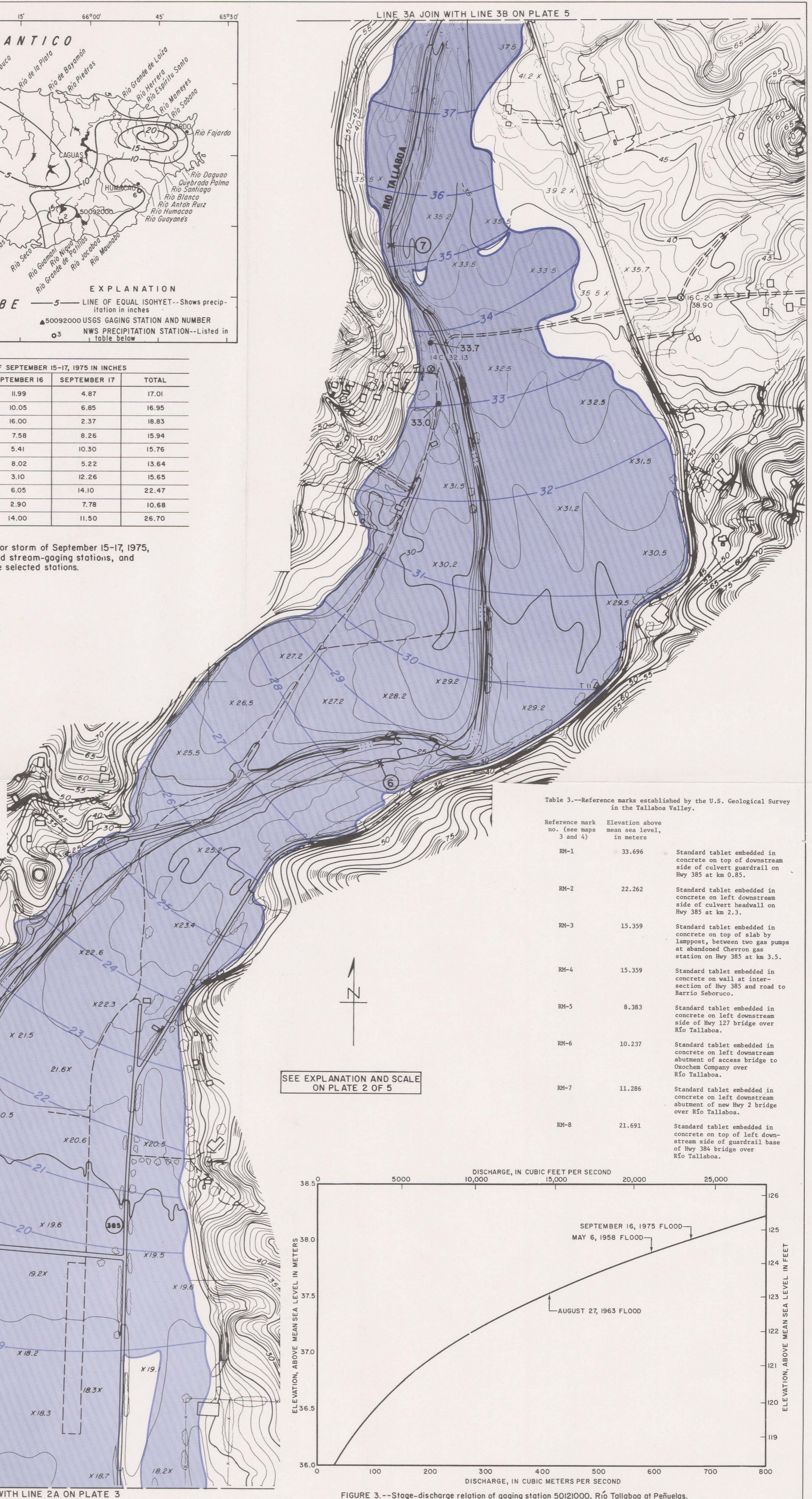


Table 3.--Reference marks established by the U.S. Geological Survey in the Tallaboa Valley.

Reference mark no. (see maps 3 and 4)	Elevation above mean sea level, in meters	Description
RM-1	33.696	Standard tablet embedded in concrete on top of downstream side of culvert guardrail on Hwy 385 at km 0.85.
RM-2	22.262	Standard tablet embedded in concrete on left downstream side of culvert headwall on Hwy 385 at km 2.3.
RM-3	15.359	Standard tablet embedded in concrete on top of slab by lamp post, between two gas pumps at abandoned Chevron gas station on Hwy 385 at km 3.5.
RM-4	15.359	Standard tablet embedded in concrete on wall at intersection of Hwy 385 and road to Barrio Seboruco.
RM-5	8.383	Standard tablet embedded in concrete on left downstream side of Hwy 127 bridge over Río Tallaboa.
RM-6	10.237	Standard tablet embedded in concrete on left downstream abutment of access bridge to Oxochem Company over Río Tallaboa.
RM-7	11.286	Standard tablet embedded in concrete on left downstream abutment of new Hwy 2 bridge over Río Tallaboa.
RM-8	21.691	Standard tablet embedded in concrete on top of left downstream side of guardrail base of Hwy 384 bridge over Río Tallaboa.

SEE EXPLANATION AND SCALE ON PLATE 2 OF 5

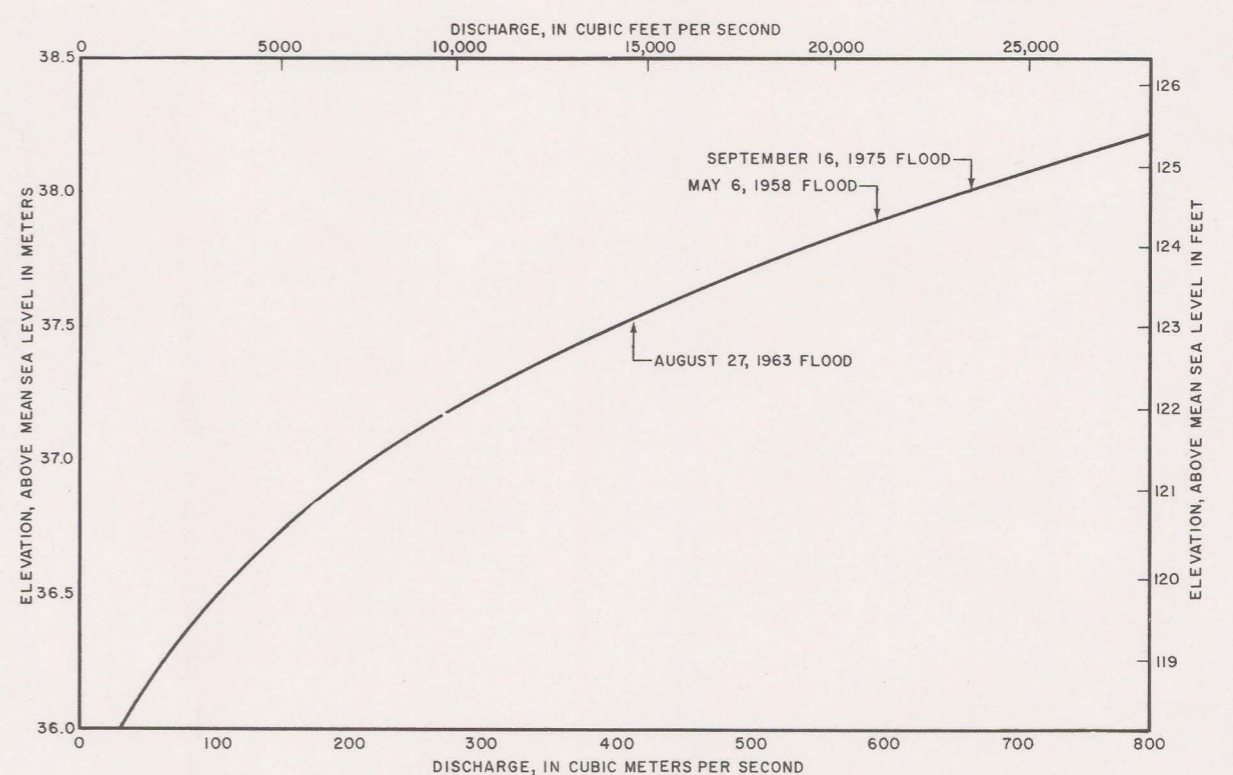


FIGURE 3.--Stage-discharge relation of gaging station 50121000, Río Tallaboa at Peñuelas.

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FLOODS OF SEPTEMBER 16, 1975 IN THE TALLABOA VALLEY, PUERTO RICO

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