U. S. GEOLOGICAL SURVEY

Prepared in cooperation with
CALIFORNIA RECLAMATION BOARD

PLATE 4

(200) B622d
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EXPLANATION OF MAP SYMBOLS

- (21) Cross section and number
- ▲ Supplemental data point
- Gaging station
- X Area of bank erosion
- 65,000 ft — End of profile and distance, in feet, upstream from 0 (San Joaquin River near Newman gage)
- Area of inundation, June-July 1967 (Discharge 6,510 cfs at Merced River near Stevinson, gage)

0 ½ 1 MILE
0 2,500 5,000 FEET

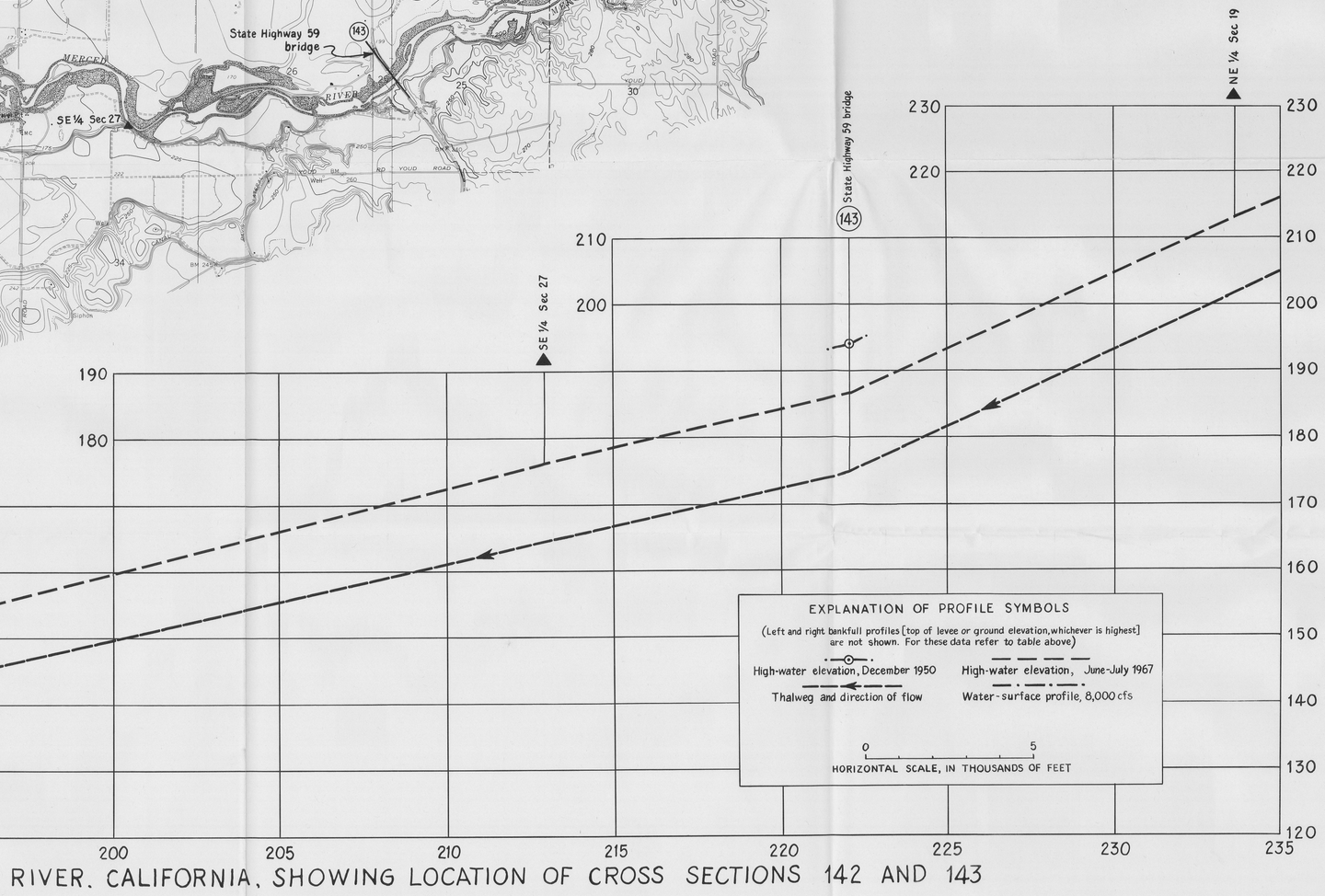
R. 12 E., R. 13 E. — R. 13 E., R. 14 E.

T. 6 S.
T. 7 S.

Base from U.S. Geological Survey
Winton, 1961, Turlock Lake, 1953,
Snelling, 1962, and Yosemite Lake, 1962

Cross section number or location	Distance upstream from San Joaquin River near Newman, gage (feet)	Elevations, in feet, above mean sea level			
		Left bank		Right bank	
		Top of levee	Ground elevation	Top of levee	Ground elevation
SE¼ sec. 25	178,280	(a)	(a)	140.7	138.6
142	191,000	154.3	152.6	(b)	149.7
SE¼ sec. 29	192,100		157		
SE¼ sec. 27	212,900	(b)	179.9	(b)	(a)
143	232,100	(b)	190.6	(b)	189.3
NE¼ sec. 19	233,650	(b)	>300	(b)	216.5

a. Not surveyed or determined from topographic map.
b. Indicates no levee.



MAP AND PROFILE OF MERCED RIVER, CALIFORNIA, SHOWING LOCATION OF CROSS SECTIONS 142 AND 143