

Table 1.--Summary of flood stages and discharges

Site number (See fig. 2)	Stream and place of determination	Drainage area, in square miles	Period of record	Maximum floods		Rank
				Date	Gage height, in feet	
1	San Francisco River at Clifton	2,766	1870-1983	10- 2-83 1906	19.72 -----	90,900 70,000
2	Eagle Creek above pumping plant, near Morenci	613	1932-83	10- 2-83 12-18-78	13.08 12.5	36,400 24,500
3	Bonita Creek near Morenci	302	1972-1981-83	10- 2-83 12-20-72	17.3 -----	19,400 10,000
4	Gila River at head of Safford Valley, near Solomon	7,896	1906-83	10- 2-83 12-19-78 1916	20.8 14.40 15.89	132,000 100,000 100,000
5	Gila River at Calva	11,470	1906-83	10- 3-83 12-19-78 1916	23.0 15.20 -----	150,000 100,000 100,000
6	Gila River below Coolidge Dam	12,886	1914-28 1928-83	1916 10- 6-83	----- 10.7	130,000 5,020
7	Gila River at Hayden	*17,757	1983	10- 2-83	-----	125,000
8	Gila River at Kelvin	*18,011	1911-28 1928-83	1916 10- 2-83 8- 8-30	19.5 33.00 12.6	132,000 100,000 42,880
9	Gila River at U.S. Highway 89 near Florence	*18,420	1983	10- 3-83	-----	61,000
10	Gila River at State Highway 87 near Sacaton	*18,885	1983	10- 3-83	-----	46,000
11	Gila River near Laveen	*20,615	1940-83	10- 4-83 12-21-78 1941	12.08 10.2 -----	35,000 11,900

*Regulated.
*An area of 12,886 mi² above Coolidge Dam did not contribute to flooding downstream from the dam.



Figure 3.--Homes flooded by the Gila River in the community of Riverside in reach 2. View is looking north across the river. (Photograph by Carl E. Guilliams, October 2, 1983, Riverside.)



Figure 4.--Flooding at Interstate 10 bridges over the Gila River in reach 3 on October 4, 1983. View is looking south. Direction of flow is from left to right.

EXPLANATION

- ▲ STREAMFLOW-GAGING STATION
- △ MISCELLANEOUS STREAMFLOW-MEASURING SITE
- APPROXIMATE AREA OF INUNDATION

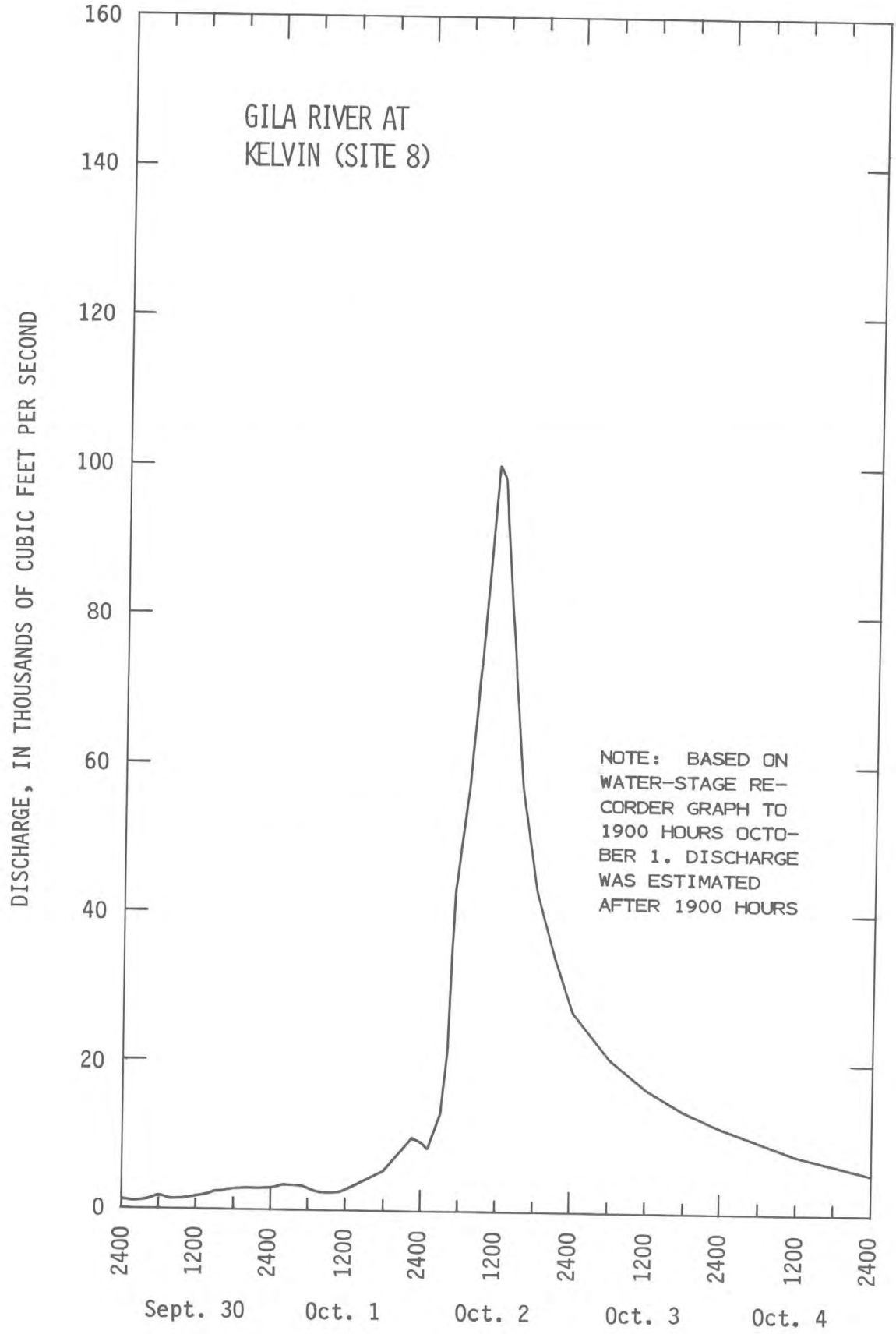
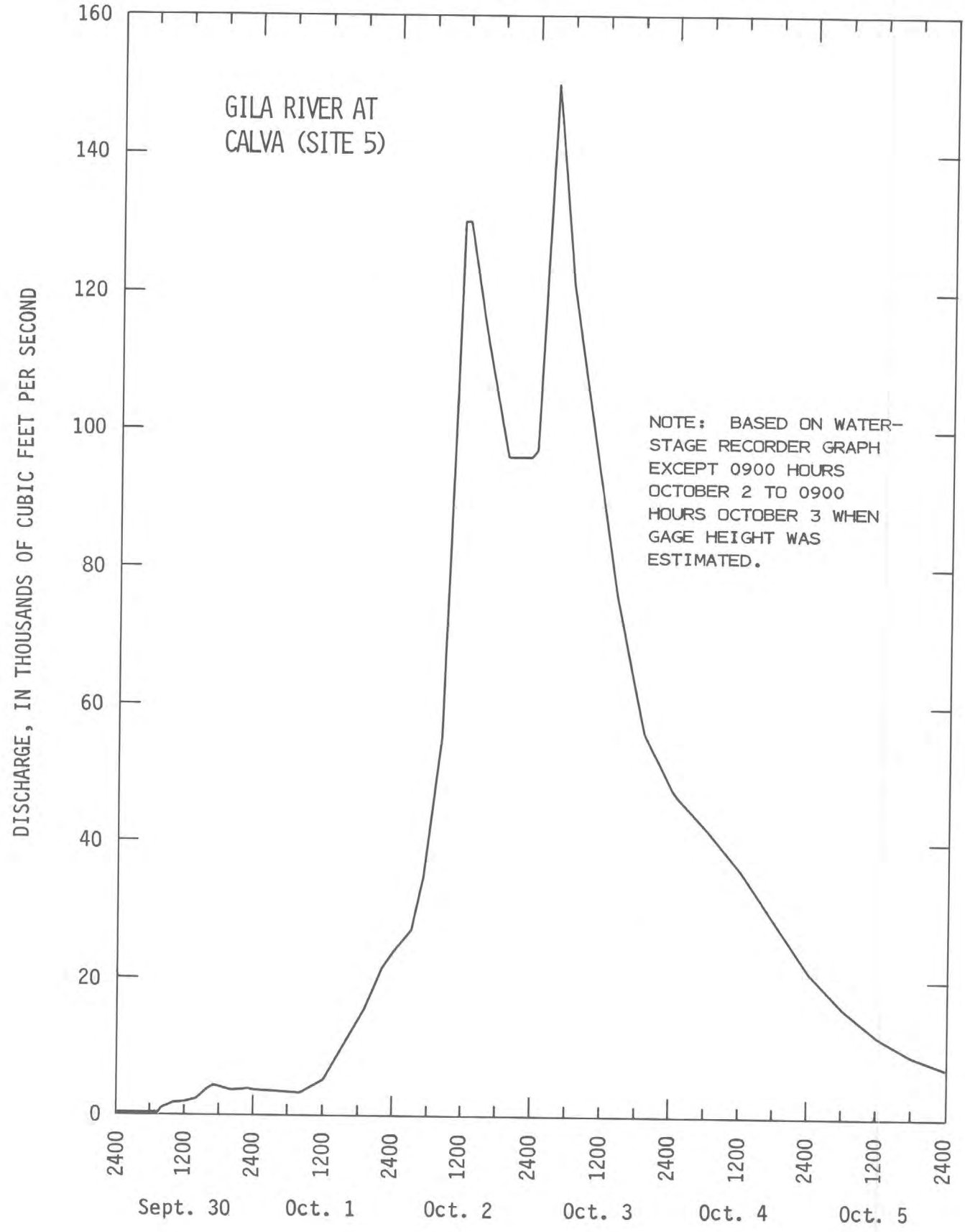
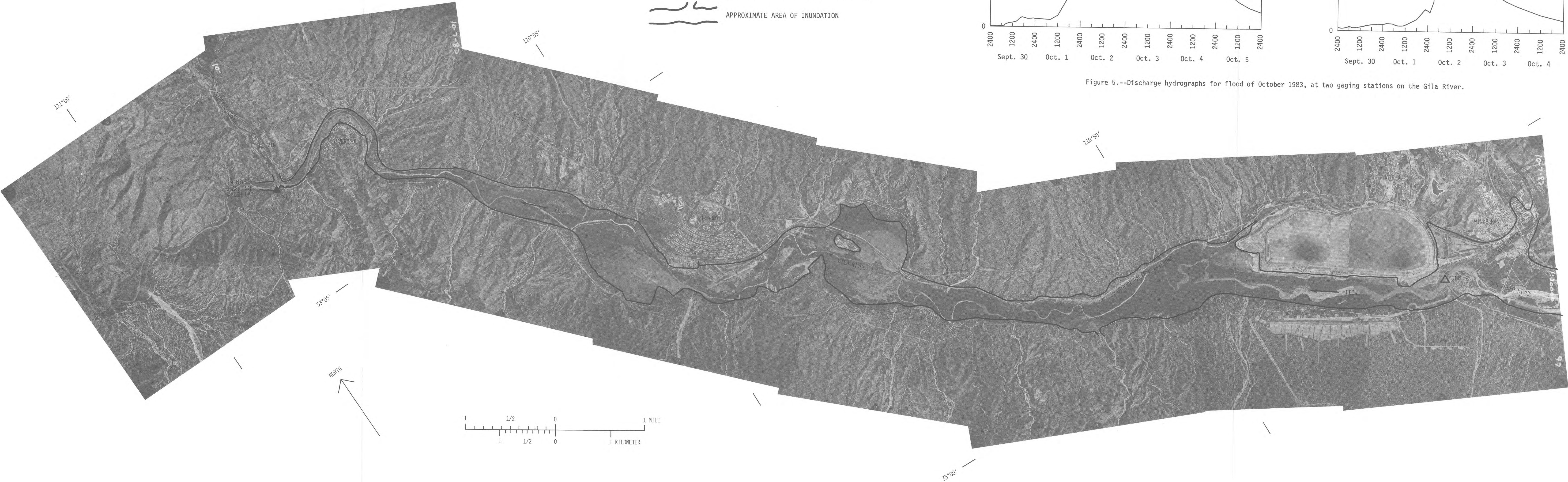


Figure 5.--Discharge hydrographs for flood of October 1983, at two gaging stations on the Gila River.



AERIAL PHOTOGRAPHS AND PHOTOMOSAIC
BY COOPER AERIAL SURVEYS.
PHOTOGRAPHS TAKEN OCTOBER 7, 1983

REACH 2--FROM WINKELMAN TO KELVIN

FLOOD OF OCTOBER 1983 IN SOUTHEASTERN ARIZONA--AREAS OF INUNDATION IN SELECTED REACHES ALONG THE GILA RIVER

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