

Along the lower Colorado River, La Grange, Tex., had 12 inches of rainfall during a period of 29 hours; Smithville had 20.40 inches from the afternoon of June 29 to the morning of the 30th, with 16 inches of this amount falling between 7 p. m. and 10 a. m.—a period of 15 hours. The river did not reach flood stage at Smithville, Tex., but rose to 10 to 12 feet above flood stage from Columbus to Wharton, Tex.

Along the Guadalupe River Basin, rainfall at San Marcos, Tex., measured 6.18 inches; Cuero, Tex., 14.40 inches, with 12.40 inches of this amount falling during the 24 hours ending at 7 a. m., June 30. Further downstream, Gonzales, Tex., had 5.98 inches. The river rose 10 feet above flood stage at Gonzales, and 9.5 feet above flood stage at Victoria, Tex., with the crest passing Gonzales on July 1 and Victoria on the 3d.

The upper watershed of the small Lavaca River was subjected to an excessive rainfall of unusual intensity and duration, and over parts of that section 22 inches of rainfall occurred within 36 hours, June 29-30. Hallettsville, Tex., approximately 20 miles below the headwaters of the Lavaca River, experienced the most costly flood in its history. It was here that seven persons were drowned, and property losses including crops and washed farming lands exceeded \$740,000.

The Nueces River reached flood stage from July 2 to 5, inclusive, but no losses occurred.

FLOOD LOSSES FOR JULY 1940

River and drainage	Tangible property	Matured crops	Prospective crops	Live-stock and other movable farm property	Suspension of business	Total
<b>EAST GULF OF MEXICO DRAINAGE</b>						
Apalachicola River					\$4,000	\$4,000
Choctawhatchee River	\$3,000	\$40	\$300	\$100	4,000	7,440
Black Warrior - Tombigbee Rivers	200,000		3,985,000		33,000	4,218,000
Pearl and Pascagoula Rivers	120,000	80,000	240,000	13,000	46,000	499,000
<b>UPPER MISSISSIPPI BASIN</b>						
Wisconsin River <sup>1</sup>	5,743	4,277	13,463		13,363	36,846
Zumbro River			5,000			5,000
<b>WEST GULF OF MEXICO DRAINAGE</b>						
Colorado River	76,000	66,000	8,000	2,000		152,000
Guadalupe River	60,000	95,000	16,000	8,000		179,000
Lavaca River	200,000	140,000	315,000	85,000		740,000
<b>GULF OF CALIFORNIA DRAINAGE</b>						
Pinal Creek (tributary of Salt River)	50,000					50,000
Tributaries of Little Colorado River	3,000	1,500		500		5,000

<sup>1</sup> Late in June and early in July.

FLOOD-STAGE REPORT

[All dates in July unless otherwise specified]

River and station	Flood stage	Above flood stages—dates		Crest	
		From—	To—	Stage	Date
<b>EAST GULF OF MEXICO DRAINAGE</b>					
Apalachicola: Blountstown, Fla.	15	8	24	18.5	14
Choctawhatchee: Caryville, Fla.	12	10	11	12.0	10-11
Cahaba: Centerville, Ala.	23	16	15	24.2	15

FLOOD-STAGE REPORT—Continued

River and station	Flood stage	Above flood stages—dates		Crest	
		From—	To—	Stage	Date
<b>EAST GULF OF MEXICO DRAINAGE—CON.</b>					
Black Warrior:					
Lock No. 10, Tuscaloosa, Ala.	46	4	4	46.1	4
		10	14	49.0	13
		14	17	51.0	16
Lock No. 7, Eutaw, Ala.	35	6	23	47.2	19
Tombigbee:					
Aberdeen, Miss.	34	15	16	34.0	15-16
Columbus, Miss.	29	5	6	30.2	5
Gainesville, Ala.	36	7	25	46.7	16
Lock No. 4, Demopolis, Ala.	39	6	27	56.9	20-21
Lock No. 3	33	5	30	56.9	21-22
Lock No. 2	46	7	29	58.1	22
Lock No. 1	31	7	(*)	38.6	25-27
Leaf: Hattiesburg, Miss.	18	9	13	19.5	11
Chickasawhay:					
Enterprise, Miss.	20	10	13	22.3	11
Shubuta, Miss.	26	5	21	31.5	15
				29.0	20
Pascagoula: Merrill, Miss.	22	10	20	24.3	14-15
Pearl:					
Edinburg, Miss.	20	9	18	23.7	13
Jackson, Miss.	18	7	31	32.0	19
				19	9
Monticello, Miss.	15	19	31	19.5	22-23-24
				22.5	12
Columbia, Miss.	17	8	31	19.0	26
Pearl River, La.	12	9	(*)	15.7	17
<b>MISSISSIPPI SYSTEM</b>					
<i>Upper Mississippi Basin</i>					
Zumbro: Theilman, Minn.	35	11	11	36.7	11
Mississippi: Louisiana, Mo.	12	(*)			
<i>Missouri Basin</i>					
Republican: Guide Rock, Nebr.	9	2	2	9.1	2
<i>Arkansas Basin</i>					
Cimarron: Perkins, Okla.	11	3	4	11.5	4
North Canadian: Yukon, Okla.	8	2	6	9.2	4
<i>Red Basin</i>					
Ouachita: Camden, Ark.	26	4	7	28.4	6
Little: Whitecliffs, Ark.	25	3	7	27.1	4-5
Sulphur:					
Ringo Crossing, Tex.	18	(*)	7	28.9	2
Naples, Tex.	22	3	12	22.6	13
				26.5	6
<i>Lower Mississippi Basin</i>					
Coldwater: Coldwater, Miss.	13	June 29	2	14.6	June 30
<b>WEST GULF OF MEXICO DRAINAGE</b>					
Trinity:					
Dallas, Tex.	28	2	6	32.4	4
Trinidad, Tex.	28	4	16	33.4	13
Colorado:					
Columbus, Tex.	24	June 30	3	36.3	1
Wharton, Tex.	26	1	4	36.0	3
Guadalupe:					
Gonzales, Tex.	20	June 30	2	30.0	1
Victoria, Tex.	21	(*)	6	29.5	3
Nueces: Three Rivers, Tex.	37	2	5	37.9	3

<sup>1</sup> Continued from preceding month.

<sup>2</sup> Continued into next month.

<sup>3</sup> Occasionally at or above flood stage due to operations of Dam No. 24.