

This cloudburst caused a rapid rise in the Elkhorn River to bankful stage at, and for a few miles below, Ewing. The rise amounted to only about 4 feet at Clearwater, approximately 15 miles downstream. No flood damage was reported due to overflowing of streams. However, extensive damage to newly planted corn resulted from the intensity of the rainstorm, and many fields will have to be replanted in the Ewing-Clearwater-Orchard area.

*Ohio Basin.*—The heavy rain near the end of May over southern New York and northern Pennsylvania caused several widely separated flash floods in headwater tributaries of the Allegheny River. Coudersport and Port Allegany, Pa., and Olean, N. Y., had the highest floods since July 1942. The most serious flooding occurred at New Castle, Pa., on the Neshannock Creek; Oil City on Oil Creek; Coudersport, Port Allegany, and other smaller towns on the headwaters of the Allegheny River. Damage was extensive, amounting probably to more than a million dollars.

Flood stage was not reached on the Ohio River at or below Pittsburgh, Pa.

There was some light overflow of the Scioto River in the vicinity of Picketon, Ohio.

General heavy rainfall in central and southern Indiana on May 1 and 2 caused a considerable rise in the lower Wabash, the lower West Fork of White, and the main White Rivers. Frequent rains thereafter, with heavy amounts rather general on the 11th and the 16th, caused several moderate rises in the upper portions and sustained high water in the lower portions of these streams during much of the latter part of the month. A few upper Wabash stations barely reached flood stage, and this occurred on only one or two days. Mt. Carmel was the only lower Wabash station reaching flood stage, and the crest here was only 1.5 feet above flood stage. On the lower West Fork and on the main White the excess above flood stage was several feet. Damage from this flood was slight.

*White, Arkansas, and Red Basins.*—Light overflow occurred at most stations in the White River Basin in Arkansas and moderate flood stages were reached on the Ouachita River. Rains were frequent over eastern Texas, and flood stages were exceeded several times on the Sulphur and Cypress Rivers, with numerous crests reported at most stations.

*West Gulf of Mexico.*—Frequent heavy rainfall over eastern Texas and Louisiana caused overflow of most streams in the area, with rather severe flood stages on the Sabine and upper Trinity Rivers. The greatest damage or loss caused by the floods was probably the suspension of farming activities and the delay of planting of crops. The floods in the Sabine and Trinity Rivers continued at the end of the month.

*Pacific Slope drainage.*—Severe local damage was caused by a cloudburst that occurred on May 26, near Kendrick, Idaho. The sudden heavy rainfall hit American Ridge, near Kendrick, late in the afternoon, sending a 6-foot high wall of water rushing down Brady Gulch. Considerable damage was reported to automobiles, buildings, and highways.

An early melting of the above-normal snow cover in the Columbia River Basin caused a seasonal peak earlier than usual. Peak stages were reached in the Columbia River during the closing days of May or early in June. Flood stages were exceeded slightly at The Dalles, Oreg., and Vancouver, Wash., on the Columbia, and at Portland, Oreg., on the Willamette. The Kootenai River at Bonners Ferry, Idaho, reached the third highest stage in the past 30 years, but the crest was about one-half foot under flood stage.

FLOOD STAGE REPORT FOR MAY 1946

[All dates in May unless otherwise specified.]

River and station	Flood stage	Above flood stages—dates		Crest 1	
		From—	To—	Stage	Date
<b>ATLANTIC SLOPE DRAINAGE</b>					
	<i>Feet</i>			<i>Feet</i>	
Lehigh: Lehighon, Pa. ....	9	28	28	9.0	28
Pine Creek: Cedar Run, Pa. ....	12	27	28	14.4	28
West Branch:					
Renovo, Pa. ....	16	27	28	20.2	28
Lock Haven, Pa. ....	21	27	29	26.85	28
Williamsport, Pa. ....	20	27	29	29.6	28
Lewisburg, Pa. ....	18	27	30	29.0	29
Susquehanna:					
Towanda, Pa. ....	16	27	30	25.1	29
Wilkes-Barre, Pa. ....	22	28	30	32.0	29
Danville, Pa. ....	20	28	31	26.0	29
Sunbury, Pa. ....	16	28	30	23.0	29
Harrisburg, Pa. ....	17	28	30	21.8	29
James: Columbia, Va. ....	10	5	8	15.4	5
Roanoke: Williamston, N. C. ....	10	21	( <sup>1</sup> )	10.6	26, 31
Nense: Smithfield, N. C. ....	13	28	29	14.6	29
Cape Fear: Lock No. 2, Elizabethtown, N. C. ....	20	2	2	20.6	2
Saluda: Pelzer, S. C. ....	6	4	6	11.0	5
Altamaha: Charlotte, Ga. ....	12	26	28	12.2	28
<b>EAST GULF OF MEXICO DRAINAGE</b>					
Apalachicola: Blountstown, Fla. ....	15	{ Apr. 26	8	15.6	Apr. 28-29
		17	( <sup>2</sup> )	20.6	24
Choctawhatchee:					
Geneva, Ala. ....	23	23	23	23.6	23
Caryville, Fla. ....	12	20	27	13.3	24
Tombigbee:					
Lock No. 4, Demopolis, Ala. ....	39	22	25	41.1	23
Lock No. 3, Ala. ....	33	20	27	43.7	23-24
Lock No. 1, Ala. ....	31	21	28	33.0	25
Pascagoula: Merrill, Miss. ....	22	{ 18	20	22.3	19
		21	22	22.1	22
Pearl:					
Jackson, Miss. ....	18	19	( <sup>3</sup> )	27.4	27
Pearl River, La. ....	12	16	( <sup>3</sup> )	14.9	22
<b>MISSISSIPPI SYSTEM</b>					
<i>Upper Mississippi Basin</i>					
Raccoon: Jefferson, Iowa. ....	12	26	29	13.4	27
Boone: Webster City, Iowa. ....	10	26	26	10.8	26
Des Moines:					
Eddyville, Iowa. ....	15	30	31	16.4	31
Ottumwa, Iowa. ....	9	31	31	9.4	31
<i>Missouri Basin</i>					
Grand: Chillicothe, Mo. ....	18	{ 3	5	25.5	4
		6	7	23.5	7
Osage:					
Quenemo, Kans. ....	27	-----	-----	31.7	11
Ottawa, Kans. ....	24	10	11	25.0	10-11
Osawatimie, Kans. ....	28	11	12	30.5	11
La Cygne, Kans. ....	25	11	14	27.2	12-13
Gasconade: Jerome, Mo. ....	15	26	26	17.0	26
<i>Ohio Basin</i>					
Allegheny:					
Olean, N. Y. ....	10	28	( <sup>4</sup> )	17.3	29
Port Allegany, Pa. ....	9	28	29	11.6	28
Parkers Landing, Pa. ....	20	28	28	20.3	28
Lock No. 8, Mosgrove, Pa. ....	24	28	28	24.4	28
Lock No. 5, Schenley, Pa. ....	24	28	30	29.5	28
Lock No. 4, Natrona, Pa. ....	24	28	29	27.4	28
Lock No. 3, Acmontonia, Pa. ....	25	28	29	27.4	28
Scioto: Picketon, Ohio. ....	16	18	18	16.8	18
West Fork:					
Anderson, Ind. ....	10	-----	-----	10.0	17
Elliston, Ind. ....	18	17	23	22.8	20
		3	7	15.1	5
Edwardsport, Ind. ....	12	{ 13	29	19.7	21
				15.8	16
White:					
Petersburg, Ind. ....	16	18	26	19.9	23
Hazleton, Ind. ....	16	18	27	20.7	24
Wabash:					
Bluffton, Ind. ....	10	29	( <sup>5</sup> )	11.2	30
Wabash, Ind. ....	12	30	30	12.1	30
LaFayette, Ind. ....	11	19	19	11.2	19
Terre Haute, Ind. ....	14	20	21	14.2	20
Mt. Carmel, Ill. ....	17	21	26	18.5	24
Ohio: Dam No. 7, Midland, Pa. ....	30	20	29	32.6	29
<i>White Basin</i>					
Black:					
Leeper, Mo. ....	11	25	25	13.1	25
		2	4	17.8	3
Poplar Bluff, Mo. ....	16	{ 18	20	18.2	18
		26	28	20.0	26
Black Rock, Ark. ....	14	2	( <sup>6</sup> )	23.5	26
White:					
Cotter, Ark. ....	21	28	28	21.3	28
		17	17	21.2	17
Calico Rock, Ark. ....	19	{ 26	26	21.7	26
		28	29	20.8	29
		17	18	27.7	17
Batesville, Ark. ....	23	{ 25	30	27.6	26
		19	( <sup>7</sup> )	30.0	30

FLOOD STAGE REPORT FOR MAY 1946—Continued

[All dates in May unless otherwise specified.]

River and station	Flood stage	Above flood stages—dates		Crest <sup>1</sup>	
		From—	To—	Stage	Date
<b>MISSISSIPPI SYSTEM—continued</b>					
<b>White Basin—Continued</b>					
White—Continued					
Augusta, Ark.....	32	19	( <sup>2</sup> )	34.9	31
Georgetown, Ark.....	21	5	12	21.8	June 6
Des Arc, Ark.....	24	20	( <sup>2</sup> )	27.4	
Clarendon, Ark.....	26	24	( <sup>2</sup> )		
St. Charles, Ark.....	25	8	( <sup>2</sup> )		
		16	( <sup>2</sup> )		
<b>Arkansas Basin</b>					
Petit Jean: Danville, Ark.....	20	1	6	22.6	5
		24	28	23.3	26
<b>Red Basin</b>					
Saline: Benton, Ark.....	20	24	24	25.4	24
Ouachita:					
Arkadelphia, Ark.....	17	Apr. 29	2	28.1	Apr. 30
		18	18	17.2	18
		24	28	26.7	24
Camden, Ark.....	26	2	10	35.0	5
		19	( <sup>2</sup> )	36.9	29
Little: Whitecliffs, Ark.....	25	27	( <sup>2</sup> )	27.1	28
Sulphur:		Apr. 30	4	39.6	1
Hagensport, Tex.....	38	13	13	38.3	13
				39.5	18
		15	( <sup>2</sup> )	41.0	20
				20.6	24
Naples, Tex.....	22	Apr. 30	9	23.4	1
				25.1	5
		16	( <sup>2</sup> )	27.0	21
				27.5	24
				28.6	28
Cypress: Jefferson, Tex.....	18	19	( <sup>2</sup> )	20.4	21
				22.2	26
<b>Lower Mississippi Basin</b>					
St. Francis:					
Fisk, Mo.....	20	2	( <sup>2</sup> )	23.3	6-7, 22
				23.4	25, 29
				20.8	8-9
St. Francis, Ark.....	18	5	( <sup>2</sup> )	20.9	11-12
				21.5	27-29
Coldwater: Sarah, Miss.....	18	24	27	21.9	24

FLOOD STAGE REPORT FOR MAY 1946—Continued

[All dates in May unless otherwise specified.]

River and station	Flood stage	Above flood stages—dates		Crest <sup>1</sup>	
		From—	To—	Stage	Date
<b>WEST GULF OF MEXICO DRAINAGE</b>					
	<i>Feet</i>			<i>Feet</i>	
Bayou Nespique: Basile, La.....	22	19	23	23.2	21
Mermentau: Mermentau, La.....	5	18	25	6.0	21
Whiskey Chitto Creek: Mittie, La.....	15	15	21	18.5	17
Calcasieu:					
Oberlin, La.....	16	17	17	16.4	17
Kinder, La.....	16	21	21	17.4	21
		16	23	17.9	18
Sabine:					
Mineola, Tex.....	14	14	( <sup>2</sup> )		
Gladewater, Tex.....	26	22	( <sup>2</sup> )		
Logansport, La.....	25	17	24	27.9	20
		30	( <sup>2</sup> )		
Bon Wier, Tex.....	17	15	23	18.9	18
Neches: Evadale, Tex.....	16	29	( <sup>2</sup> )	16.2	26
Elm Fork: Carrollton, Tex.....	6	23	29		
		29	( <sup>2</sup> )		
		1	2	11.1	1
		14	18	12.1	17
East Fork: Rockwall (nr.), Tex.....	10	20	28	12.9	22
				14.3	25
		28	( <sup>2</sup> )		
Trinity:					
Dallas, Tex.....	28	16	17	32.0	16
		29	( <sup>2</sup> )	40.3	30
Rosser, Tex.....	26	30	( <sup>2</sup> )		
Trinidad, Tex.....	28	29	( <sup>2</sup> )		
Liberty, Tex.....	24	15	30	27.4	19-20
Nueces: Cotulla, Tex.....	15	30	30	15.4	30
<b>PACIFIC SLOPE DRAINAGE</b>					
<b>Columbia Basin</b>					
Wilamette: Portland, Ore.....	18	22	( <sup>2</sup> )	20.9	June 1
Columbia:					
The Dalles, Ore.....	40	11	( <sup>2</sup> )	44.1	29
Vancouver, Wash.....	15	9	( <sup>2</sup> )	20.4	June 1

<sup>1</sup> Provisional.  
<sup>2</sup> Continued at end of month.