

*Floods in rivers of the South and East.*—The table below shows the essential facts in connection with high water in the streams named. The flood in the White River of Indiana was due to the precipitation that occurred in connection with the West Indian hurricane before mentioned; the remaining floods were mostly due to heavy local rains in the respective watersheds.

TABLE 7.—*Flood stages in various rivers, August, 1915.*

River.	Station.	Flood stage.	Above flood stage.		Crest.	
			From—	To—	Stage.	Date.
		<i>Feet.</i>			<i>Feet.</i>	
Chattahoochee.....	Eufaula, Ala.....	4.0	20	21	.....	.....
Wateree.....	Camden, S. C.....	24.0	23	24	4.5	20
Santee.....	Rimini, S. C.....	12.0	13	13	24.4	13
Do.....	Ferguson, S. C.....	12.0	24	25	12.5	24
Roanoke.....	Weldon, N. C.....	30.0	19	20	.....	.....
Staunton.....	Randolph, Va.....	21.0	25	26	13.1	26
White.....	Elliston, Ind.....	19.0	14	14	30.4	14
St. Joseph.....	Montpelier, Ohio.....	10.0	15	17	21.3	24
Conoquessing Creek.....	Eilwood City, Pa.....	10.0	22	25	10.0	23
Connecticut.....	Hartford, Conn.....	16.0	4	4	10.2	4
			6	6	16.5	6

*Loss of life and property.*—Between 50 and 60 persons lost their lives during the month by reason of floods. Thirty of this number perished in the Erie, Pa., catastrophe, and 20 more were drowned in St. Louis County, Mo., by the overflow of the Meramec and Des Peres Rivers.

The property loss is uncertain at best. Systematic efforts to arrive at an approximate figure are made by officials in charge of river district centers. These show an approximate loss of about four millions, distributed as shown in the table below; while out-of-hand estimates, made by newspaper reporters, show additional losses aggregating about four millions, distributed as follows: Erie, Pa., \$3,000,000; St. Louis County and western Illinois, \$1,000,000; making an aggregate of about \$7,000,000 for the month.

*Property loss by flood, August, 1915.*

District.	Tangible property, bridges, etc.	Crops.		Movable property (live stock).	Suspension of business.	Saved by warnings.
		In hand.	Prospective.			
Little Rock, Ark.....	\$371,250	\$608,250	\$1,133,300	\$38,600	\$70,000	.....
Fort Smith, Ark.....	15,000	10,200	85,000	500	.....	\$5,500
Shreveport, La.....	75,000	30,000	375,000	3,000	150,000	\$350,000
Columbia, S. C.....	.....	.....	.....	.....	.....	8,200
Total.....	461,250	648,450	1,593,300	42,100	220,000	363,700

<sup>a</sup> Mostly live stock.

Hydrographs for typical points on several principal rivers are shown on Chart I. The stations selected for charting are Keokuk, St. Louis, Memphis, Vicksburg, and New Orleans, on the Mississippi; Cincinnati and Cairo, on the Ohio; Nashville, on the Cumberland; Johnsonville, on the Tennessee; Kansas City, on the Missouri; Little Rock, on the Arkansas; and Shreveport, on the Red.

**MEAN LAKE LEVELS DURING AUGUST, 1915.**

By UNITED STATES LAKE SURVEY.

[Dated: Detroit, Mich., Sept. 4, 1915.]

The following data are reported in the Notice to Mariners of the above date:

Data.	Lakes.			
	Superior.	Michigan and Huron.	Erie.	Ontario.
Mean level during August, 1915:				
Above mean sea level at New York.....	<i>Feet.</i> 602.41	<i>Feet.</i> 580.11	<i>Feet.</i> 572.34	<i>Feet.</i> 245.43
Above or below—				
Mean stage of July, 1915.....	+0.12	+0.19	+0.26	+0.30
Mean stage of August, 1914.....	-0.34	-0.52	-0.22	-0.90
Average stage for August, last 10 years.....	-0.23	-0.87	-0.32	-1.21
Highest recorded August stage.....	-1.52	-3.40	-1.77	-2.83
Lowest recorded August stage.....	+0.81	+0.26	+0.96	+1.08
Probable change during September, 1915.....	+0.1	-0.2	-0.3	-0.4