



4. PEARL RIVER NEAR COLUMBIA, MISS.



B. LITTLE MANATEE RIVER NEAR WIMAUMA, FLA.



C. CONGAREE RIVER AT COLUMBIA, S. C.

FIGURE 1.—GAGING-STATION STRUCTURES.

tables are published for all stations except those at which the daily discharge for the greater part of the year was determined by the shifting-control method, the slope method, or other special methods.

The description of the station gives the type of gage, its latitude and longitude as determined from the best available maps, and information in regard to diversions that decrease the flow at the gage, artificial regulation from pondage or storage, and the accuracy of the records. Under "Average discharge" is given the average discharge for the number of years indicated. It is given only for stations for which there are 10 or more complete years of record. Under "Extremes" are given the maximum discharge and gage height; the minimum discharge if there is little or no regulation; the minimum daily discharge if there is extensive regulation (also the minimum discharge if useful); and the minimum gage height (unless it is of no importance). Unless otherwise qualified, the maximum discharge corresponds to the crest stage, obtained by use of a water-stage recorder or a nonrecording gage read at the time of the crest. Likewise the minimum discharge represents the lowest stage, unless otherwise qualified. Selected peak discharges with the times of their occurrence are given, below the table of monthly discharge, for some stations. This supplementary information is generally omitted for a station at which the drainage area of the stream is less than 10 or more than 10,000 square miles or at which, on most days, the peak discharge exceeds the mean discharge by less than 10 percent.

For stations equipped with water-stage recorders, except those on streams subject to sudden or rapid fluctuation, the table gives the discharge corresponding to the daily mean gage height. For stations subject to such fluctuation the daily mean gage height may not indicate the true daily mean discharge, which must be obtained by averaging the discharge for parts of the day or by using the discharge integrator, an instrument for obtaining the daily mean discharge from a continuous gage-height graph and containing as an essential element a curve representing the stage-discharge relation at the station. For stations equipped with nonrecording gages, the table of daily discharge gives the discharge in second-feet corresponding to once-daily readings of the gage or the mean of twice-daily readings. For periods of rapidly changing stage the daily mean discharge is determined from gage-height graphs based on gage readings made once or twice daily or oftener, as stated in the station description.

In the table of monthly discharge the column headed "Second-foot-days" gives the sum for each month of the figures given in the table of daily discharge. The column headed "Maximum" gives the maximum daily discharge, not the momentary discharge when the water surface was at crest stage. Likewise, in the column headed "Minimum" the quantity given is the minimum daily discharge. The column headed "Mean" gives the average flow in cubic feet per second during the month.

For most gaging stations on lakes and reservoirs the data presented comprise a description of the station and a monthly summary table of stage and contents. For some reservoirs a table showing daily contents is given. A skeleton table of capacity at given stages is usually given in the first report in which data for a station are published but is omitted from succeeding reports.

TIME BASIS

At 2 a.m. on February 9, 1942, as an emergency measure, the Nation shifted from standard time to "war time," and clock time in the several zones of the country was moved ahead 1 hour, or to 3 a.m. At 2 a.m., war time, on September 30, 1945, a change was made

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Strong River at Dlo, Miss.

Location.— Water-stage recorder, lat. 31°58'45", long. 89°54'05", in SW $\frac{1}{4}$ sec. 28, T. 2 N., R. 4 E. Choctaw meridian, at bridge on U. S. Highway 49, 460 feet upstream from Gulf & Ship Island Railroad bridge, a quarter of a mile south of Dlo, 1,500 feet downstream from Sellers Creek, 1.6 miles upstream from Dobbs Creek, and 2 miles northwest of Mendenhall. Datum of gage is 257.99 feet above mean sea level (Corps of Engineers, U. S. Army, bench mark).

Drainage area.— 429 square miles.

Records available.— August 1928 to September 1945.

Average discharge.— 16 years (1928-29, 1930-45), 545 second-feet.

Extremes.— Maximum discharge during year, 7,780 second-feet Feb. 23 (gage height, 23.87 feet); minimum, 24 second-feet Oct. 28 (gage height, 2.43 feet).

1928-45: Maximum discharge, 22,900 second-feet Mar. 7, 1935 (gage height, 28.0 feet, from floodmarks, site and datum then in use), from rating curve extended above 13,400 second-feet; minimum, 16 second-feet Aug. 8, 9, 1933 (gage height, 2.25 feet, site and datum then in use).

Remarks.— Records good.

Rating table, water year 1944-45 (gage height, in feet, and discharge, in second-feet)
(Shifting-control method used Aug. 25 to Sept. 30)

2.4	21	3.6	174	11.0	2,000
2.6	41	4.4	311	16.0	3,650
2.8	73	5.6	549	22.0	6,690
3.2	112	8.0	1,120	23.4	7,480

Discharge, in second-feet, water year October 1944 to September 1945

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	35	27	64	822	101	445	1,210	920	62	452	320	50
2	34	28	59	920	97	386	3,390	455	62	774	208	47
3	33	28	52	846	112	348	4,150	338	63	496	169	45
4	34	29	51	614	195	1,250	3,230	293	61	266	124	43
5	32	30	49	338	2,780	2,770	2,560	223	59	176	171	42
6	34	31	147	480	3,910	2,530	1,350	179	77	462	106	46
7	37	30	486	1,820	3,230	1,970	507	153	72	1,100	89	47
8	36	35	435	1,790	2,000	1,260	386	209	60	405	75	45
9	33	75	486	1,340	1,320	517	329	204	51	302	68	46
10	31	53	357	1,120	570	366	284	185	50	385	62	43
11	28	46	231	517	425	329	248	193	55	750	60	43
12	31	42	166	302	804	574	225	891	342	846	59	45
13	42	132	329	3,750	3,750	200	1,020	357	921	54	44	
14	32	43	112	266	4,330	4,290	180	920	668	2,210	50	45
15	29	49	98	223	3,190	2,740	164	465	2,110	1,610	50	41
16	28	60	86	188	2,280	4,790	168	1,050	1,880	1,550	48	42
17	28	43	78	163	1,520	6,140	395	1,730	1,400	895	48	42
18	27	55	78	147	895	5,840	275	1,260	1,550	320	47	41
19	26	135	90	318	945	6,590	187	1,020	2,070	248	45	41
20	26	139	85	405	2,420	5,240	156	425	1,640	248	41	43
21	26	101	97	386	4,330	4,290	136	257	1,180	176	46	42
22	26	89	127	435	7,000	3,390	240	198	549	136	47	48
23	25	70	106	329	7,480	2,050	329	164	266	111	60	41
24	25	56	92	257	6,190	846	324	136	184	97	146	40
25	25	95	85	218	4,650	1,240	1,550	114	140	387	223	117
26	25	105	236	184	2,740	3,390	570	98	112	995	155	157
27	25	89	395	161	750	3,430	357	90	95	453	92	64
28	24	70	681	147	549	2,140	525	81	83	275	133	52
29	26	75	727	134	-	1,260	2,070	74	77	681	88	50
30	27	73	636	120	-	614	1,880	71	62	774	65	55
31	27	-	465	109	-	870	-	66	-	592	55	-

Month	Second-foot-days	Maximum	Minimum	Mean	Per square mile	Runoff in inches
October	907	38	24	29.3	0.068	0.08
November	1,848	139	27	61.6	.144	.16
December	6,989	727	49	225	.524	.61
Calendar year 1944	244,160	8,470	24	667	1.55	21.16
January	15,423	1,620	109	498	1.16	1.54
February	68,563	7,480	97	2,449	5.71	5.94
March	75,465	6,390	329	2,434	5.67	6.54
April	27,178	4,150	136	905	2.11	2.56
May	15,512	1,730	86	456	1.02	1.37
June	15,447	2,110	50	615	1.20	1.34
July	19,393	2,210	97	626	1.46	1.68
August	3,001	320	41	96.8	.226	.26
September	1,547	157	40	51.6	.120	.13
Water year 1944-45	249,268	7,480	24	683	1.59	21.61

Time basis: Central war time up to 2 a.m., Sept. 30, 1945; central standard time thereafter.
To convert war time to standard time, subtract 1 hour.

Bogue Chitto near Tylertown, Miss.

Location.- Water-stage recorder, lat. 31°11', long. 90°17', in SE $\frac{1}{4}$ sec. 34, T. 3 N., R. 9 E. Washington meridian, $\frac{3}{4}$ quarter of a mile upstream from Fernwood, Columbia & Gulf Railroad bridge, $\frac{3}{4}$ quarter of a mile upstream from Bars Branch, $2\frac{1}{4}$ miles downstream from Topisaw Creek, and 9 miles northwest of Tylertown. Prior to Sept. 14, 1944, wire-weight gage at same site and datum.

Drainage area.- 502 square miles.

Records available.- August 1944 to September 1945.

Extremes.- 1944-45: Maximum discharge during period, 6,480 second-feet Jan. 8 (gage height, 15.37 feet); minimum, 208 second-feet Nov. 6 (gage height, 7.41 feet).

Remarks.- Records good except those for periods of no gage-height record, which are fair.

Discharge, in second-feet, 1944-45

1944

Day	Aug.	Sept.	Day	Aug.	Sept.	Day	Aug.	Sept.	Day	Aug.	Sept.
1	-	382	9	-	918	17	-	289	25	325	273
2	-	375	10	-	874	18	-	292	26	458	280
3	-	a350	11	-	401	19	-	276	27	405	283
4	-	295	12	-	364	20	-	295	28	763	286
5	-	283	13	-	339	21	-	289	29	806	318
6	-	339	14	-	322	22	-	280	30	595	424
7	-	346	15	-	305	23	-	283	31	416	-
8	-	828	16	-	302	24	292	280			

a No gage-height record; discharge interpolated.

1944-45

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	393	213	397	872	h454	699	1,650	595	292	872	615	302
2	325	221	371	1,800	h447	636	3,030	534	289	850	534	292
3	289	218	342	1,180	h474	595	3,300	466	292	678	462	280
4	276	221	325	806	h554	595	2,580	427	312	439	458	276
5	270	221	318	636	g1,290	806	2,010	401	360	401	439	270
6	292	210	435	699	g2,410	606	918	386	299	534	494	270
7	451	218	1,250	3,650	3,210	657	720	375	283	514	451	270
8	431	238	1,930	4,850	3,900	574	636	378	280	510	427	276
9	466	454	1,610	3,390	1,620	534	a600	375	270	390	478	286
10	390	574	1,110	2,580	941	510	a540	371	267	346	784	283
11	322	482	741	1,080	784	482	a500	360	261	332	615	273
12	286	339	678	826	763	478	a480	408	276	318	494	273
13	273	283	615	763	3,560	502	a450	872	322	305	678	276
14	267	267	534	657	3,890	502	a430	895	1,130	325	628	276
15	264	264	478	615	3,590	486	a410	574	3,120	367	554	270
16	252	270	435	554	2,250	474	a400	904	2,250	353	427	264
17	249	283	405	614	1,060	476	a700	1,520	2,010	325	586	264
18	252	286	393	495	872	699	a900	1,340	1,680	309	378	267
19	241	534	382	554	784	850	a900	872	918	318	396	267
20	241	895	371	478	784	650	a700	574	699	315	364	267
21	241	987	386	a1,500	1,110	672	a500	474	554	318	424	270
22	235	678	386	a2,500	3,980	1,080	a600	424	466	312	534	302
23	224	447	371	a1,500	4,970	763	a900	390	420	286	1,160	292
24	221	371	376	h895	4,410	595	a1,200	371	382	283	1,200	280
25	218	455	364	h784	2,540	636	2,580	353	350	289	695	289
26	218	763	356	h636	1,180	1,150	2,820	339	342	318	574	283
27	221	1,060	412	h554	918	1,400	1,580	328	386	1,650	443	286
28	216	806	828	h534	784	1,200	918	322	405	4,300	378	305
29	216	534	1,200	h514	-	763	699	312	339	2,280	360	318
30	215	447	1,250	h494	-	657	a650	305	412	1,130	328	308
31	213	-	941	h478	-	1,150	-	299	-	784	508	-

Peak discharge.- Jan. 8 (3:30 a.m.) 6,480 sec.-ft.; Feb. 13 (10 p.m.) 4,410 sec.-ft.; Feb. 23 (1:30 a.m.) 6,090 sec.-ft.; Feb. 24 (8 a.m.) 4,850 sec.-ft.; July 28 (4 p.m.) 4,740 sec.-ft.

a No gage-height record; discharge computed on basis of records for station at Franklinton, La.

g Computed from graph based on gage readings.

h Computed from tape-gage readings.

Monthly discharge, in second-feet, 1944-45

Month	Second-foot-days	Maximum	Minimum	Mean	Per square mile	Runoff in inches
August 24-31, 1944.	4,060	806	292	508	1.01	0.30
September.	10,551	918	273	362	.721	.80
Water year	-	-	-	-	-	-
October 1944	8,671	466	213	280	.558	.64
November.	13,219	1,060	210	441	.878	.98
December.	19,989	1,930	318	645	1.28	1.48
Calendar year	-	-	-	-	-	-
January 1945	36,973	4,850	478	1,193	2.38	2.74
February.	52,969	4,970	447	1,892	3.77	3.92
March.	22,459	1,400	474	724	1.44	1.66
April.	34,301	3,300	400	1,143	2.28	2.54
May.	16,644	1,520	299	534	1.06	1.23
June.	19,666	3,120	261	656	1.31	1.48
July.	20,847	4,300	283	876	1.35	1.55
August.	16,646	1,200	308	543	1.08	1.25
September.	8,477	528	264	283	1.564	.63
Water year 1944-45	271,061	4,970	210	743	1.48	20.08

Time basis: Central war time up to 2 a.m., Sept. 30, 1945; central standard time thereafter. To convert war time to standard time, subtract 1 hour.

Bogue Chitto at Franklinton, La.

Location.—Water-stage recorder, lat. 30°50'35", long. 90°09'45", in SE $\frac{1}{4}$ sec. 26, T. 2 S., R. 10 E., at bridge on State Highway 35, three-quarters of a mile west of Franklinton and $\frac{3}{4}$ miles upstream from Lawrence Creek. Datum of gage is 124.81 feet above mean sea level, datum of 1929, supplementary adjustment of 1941.

Drainage area.—985 square miles.

Records available.—October 1938 to September 1945. August 1928 to September 1931 at site a quarter of a mile downstream. Gage-height records collected at sites in this vicinity since 1922 are contained in reports of U. S. Weather Bureau.

Average discharge.—10 years, 1,514 second-feet.

Extremes.—Maximum discharge during year, 9,700 second-feet Apr. 29 (gage height, 9.53 feet); minimum, 550 second-feet Oct. 4-6, Oct. 22 to Nov. 8; minimum gage height, 0.28 foot Sept. 17-19.

1928-31, 1938-45: Maximum discharge, 50,000 second-feet Mar. 21, 1943 (gage height, 18.46 feet); minimum, 350 second-feet Nov. 6-8, 1938; minimum gage height, 0.23 foot Oct. 30, 1940.

Maximum stage known, 27.6 feet, former site and datum, or 28.5 feet, former site and present datum, from floodmark, sometime in April 1900.

Remarks.—Records good.

Rating tables, water year 1944-45 (gage height, in feet, and discharge, in second-feet)
(Shifting-control method used Oct. 1-31)

Oct. 1 to June 15

June 16 to Sept. 30

0.3	530	4.0	2,960	0.3	560	3.0	2,140
1.0	840	6.0	5,010	1.0	865	4.0	2,960
2.0	1,400	8.0	7,440	2.0	1,440	6.0	5,010
3.0	2,100	9.0	8,870				

Discharge, in second-feet, water year October 1944 to September 1945

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	745	550	1,070	1,700	1,070	1,400	3,240	1,760	678	690	1,470	620
2	678	550	965	1,660	1,020	1,280	4,780	1,460	678	1,400	1,150	620
3	590	550	890	1,840	1,240	1,220	5,010	1,240	678	1,280	965	600
4	550	550	840	1,730	1,530	1,180	4,350	1,100	678	1,020	1,130	580
5	550	550	615	1,400	2,860	1,340	3,720	1,020	745	915	1,080	580
6	867	550	1,560	1,520	5,120	1,400	2,600	940	722	1,050	915	560
7	1,400	850	3,920	3,420	5,360	1,280	1,730	890	655	1,080	865	580
8	1,620	570	3,720	5,010	4,780	1,130	1,430	940	632	940	792	620
9	1,070	1,020	3,420	5,010	4,140	1,040	1,260	940	632	690	748	600
10	840	940	2,960	4,240	2,340	990	1,180	860	632	615	615	580
11	745	890	2,100	2,960	1,800	940	1,100	1,070	610	770	965	580
12	655	790	1,620	1,800	1,800	940	1,020	990	610	792	792	792
13	632	700	1,460	1,520	5,010	1,020	965	1,580	610	748	748	702
14	610	632	1,360	1,360	5,820	1,100	915	1,700	940	702	1,100	620
15	590	655	1,160	1,240	5,240	1,040	890	1,430	5,120	748	992	580
16	590	655	1,070	1,130	5,240	990	865	2,740	4,720	748	770	560
17	590	655	990	1,040	3,920	1,230	1,240	3,620	3,340	702	725	560
18	570	655	965	1,020	2,620	5,060	1,340	3,040	3,340	660	702	560
19	570	1,380	990	1,220	1,950	3,020	1,520	2,430	2,870	702	702	560
20	570	1,840	915	1,160	1,730	2,180	1,530	1,660	1,530	640	660	660
21	570	1,520	890	1,630	1,730	2,020	1,100	1,220	1,220	840	725	620
22	550	1,400	890	4,560	2,680	1,600	1,180	1,040	1,050	615	792	580
23	550	1,040	890	3,720	4,900	1,730	1,520	965	992	770	702	580
24	550	865	865	3,240	5,240	1,400	1,590	890	890	702	1,630	560
25	550	1,260	665	2,820	4,780	1,540	4,090	840	815	680	1,740	580
26	550	2,680	840	1,950	2,960	4,140	5,240	790	770	940	1,250	640
27	550	2,520	840	1,590	1,950	3,330	3,920	765	748	1,770	890	600
28	550	2,020	1,070	1,460	1,620	2,600	3,060	748	792	5,580	770	600
29	550	1,520	1,520	1,430	-	1,950	7,980	722	770	5,580	702	640
30	550	1,240	1,760	1,240	-	1,720	3,140	722	725	3,140	660	702
31	550	-	1,760	1,130	-	4,190	-	700	-	1,980	640	-

Month	Second-foot-days	Maximum	Minimum	Mean	Per square mile	Runoff in inches
October	21,102	1,620	550	681	0.691	0.80
November	31,297	2,680	500	1,043	1.06	1.18
December	44,980	3,920	815	1,451	1.47	1.70
Calendar year 1944	580,401	16,500	518	1,586	1.61	21.91
January	66,450	5,010	1,020	2,144	2.18	2.51
February	90,350	6,620	1,020	3,227	3.28	3.41
March	56,200	5,060	940	1,813	1.84	2.12
April	73,545	7,980	865	2,452	2.49	2.78
May	40,842	3,620	700	1,317	1.34	1.54
June	38,692	5,120	610	1,280	1.31	1.46
July	40,489	5,580	660	1,306	1.33	1.53
August	28,587	1,740	640	922	.936	1.08
September	18,236	792	560	608	.617	.89
Water year 1944-45	550,770	7,980	550	1,509	1.53	20.80

Time basis: Central war time up to 2 a.m., Sept. 30, 1945; central standard time thereafter.
To convert war time to standard time, subtract 1 hour.

Bogue Chitto near Bush, La.

Location.— Chain gage, lat. 30°37'45", long. 89°53'50", in T. 5 S., R. 13 E., at bridge on State Highway 7, 0.2 mile downstream from Gulf, Mobile & Ohio Railroad bridge and 1.4 miles north of Bush. Prior to Oct. 23, 1936, staff gage at same site and datum. Datum of gage is 44.25 feet above mean sea level, datum of 1929, supplementary adjustment of 1941 (levels by Corps of Engineers, U. S. Army).

Drainage area.— 1,210 square miles (authority, Corps of Engineers, U. S. Army).

Records available.— October 1937 to September 1945.

Extremes.— Maximum and minimum discharges for the water years 1936 to 1945 are contained in the following table:

Water year	Maximum			Minimum		
	Date	Discharge (sec.-ft.)	Gage height (feet)	Date	Discharge (sec.-ft.)	Gage height (feet)
1937-38	Apr. 11	†29,600	13.2	Oct. 1	460	0.7
1938-39	June 6	20,800	12.1	(†)	508	.9
1939-40	July 11	9,660	10.5	(†)	522	.6
1940-41	Dec. 18, 19	12,400	11.0	Oct. 29-31	500	.7
1941-42	Apr. 21	6,900	10.3	Oct. 22-27, Nov. 20	573	††1.2
1942-43	Mar. 23	†51,200	15.9	Aug. 4	548	†1.44
1943-44	Mar. 31	20,000	11.96	Oct. 12	632	††1.36
1944-45	Jan. 24	7,690	9.92	Oct. 4, 5		

† From rating curve extended above 20,000 second-feet.

† On many days.

†† Oct. 25, Dec. 4, 5.

†† Oct. 5.

1937-45: Maximum discharge, 51,200 second-feet Mar. 23, 1943 (gage height, 15.9 feet), from rating curve extended above 20,000 second-feet; minimum, 460 second-feet Oct. 1, 1937 (gage height, 0.7 foot).

Remarks.— Records fair. Gage read once daily prior to Nov. 25, 1937, and twice daily thereafter.

Cooperation.— Base data collected by Corps of Engineers, U. S. Army, and occasional discharge measurements made by Geological Survey since 1944; records of discharge computed by Geological Survey.

Discharge, in second-feet, 1937-45
1937-36.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	460	657	758	869	1,170	1,900	1,340	1,600	732	732	1,530	732
2	532	632	732	859	1,230	1,640	1,280	1,500	732	707	1,530	732
3	2,420	607	707	1,440	1,260	1,470	1,360	1,360	758	732	1,670	862
4	3,900	582	682	1,670	1,230	1,340	2,070	1,280	732	732	1,530	943
5	2,280	582	784	1,740	1,170	1,280	3,150	1,200	707	682	1,280	810
6	1,340	557	836	1,740	1,050	1,170	3,640	1,110	732	657	1,140	732
7	970	582	836	1,670	998	1,170	2,830	998	682	632	1,050	732
8	836	582	943	1,740	943	1,110	5,210	943	784	632	2,020	732
9	732	582	998	1,600	889	1,050	8,260	889	732	632	2,930	1,030
10	682	632	1,050	1,640	889	998	20,000	862	707	682	2,570	943
11	632	682	970	1,740	836	943	26,000	862	732	784	2,420	836
12	607	862	943	1,860	836	943	16,000	836	1,740	862	1,740	784
13	582	836	836	1,670	810	889	8,260	836	2,170	707	1,440	758
14	582	810	784	1,470	810	862	5,210	810	2,570	707	1,170	732
15	607	768	784	1,340	862	836	3,150	810	2,350	682	1,230	707
16	607	707	784	1,280	836	1,050	2,570	810	1,530	682	1,400	682
17	582	707	836	1,230	836	1,740	2,290	810	1,080	889	1,280	682
18	1,080	784	970	1,110	889	1,670	4,840	836	998	732	1,110	632
19	1,700	970	1,030	1,060	1,640	1,230	3,900	836	970	732	943	607
20	1,470	889	943	998	2,650	1,400	3,390	810	916	810	836	607
21	1,230	889	836	970	2,740	1,600	4,190	1,050	1,440	1,170	784	582
22	998	889	810	943	2,570	1,400	4,670	1,470	1,820	1,140	732	582
23	862	810	943	889	3,640	1,700	3,900	1,340	1,780	943	707	582
24	810	784	1,200	1,200	5,400	2,420	2,740	998	1,670	943	682	557
25	732	768	1,280	1,780	6,010	2,070	2,290	889	1,380	1,140	682	557
26	682	732	1,170	1,940	5,020	1,740	2,070	889	1,050	1,110	707	557
27	707	732	1,050	1,780	2,640	1,530	1,890	836	943	998	707	557
28	836	784	970	1,560	2,420	1,600	1,900	810	916	1,260	682	567
29	810	836	970	1,280	-	1,530	1,820	784	862	1,110	657	607
30	732	784	970	1,170	-	1,470	1,700	784	784	1,050	632	682
31	657	-	943	1,110	-	1,380	-	732	-	1,280	632	-

Discharge, in second-feet, of Bogue Chitto near Bush, La., 1937-45--Continued

1938-39

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	682	508	557	943	1,670	3,150	6,220	916	2,650	1,290	1,290	659
2	632	508	557	889	1,820	3,040	7,690	836	2,570	1,230	1,200	636
3	582	508	557	836	1,740	3,510	9,260	810	2,930	1,090	1,070	636
4	557	532	557	784	1,600	4,670	6,440	784	6,440	659	1,150	636
5	557	607	582	943	1,500	5,800	3,900	784	16,000	830	1,230	659
6	557	607	582	1,280	1,600	5,210	2,570	784	20,000	805	1,120	707
7	557	582	582	1,560	1,600	5,020	2,120	732	13,700	755	959	780
8	532	557	582	1,740	1,700	5,210	1,980	732	7,970	731	855	755
9	532	532	582	1,670	1,980	5,020	1,900	707	6,220	707	805	707
10	532	532	582	1,340	2,290	4,500	1,900	732	4,840	707	780	659
11	532	532	582	1,280	2,420	3,770	1,700	784	4,190	780	755	613
12	532	532	582	1,200	2,740	3,510	1,530	810	3,040	907	780	567
13	532	532	582	1,320	3,150	2,650	1,380	732	2,120	805	755	567
14	508	532	582	1,900	3,640	2,170	1,280	682	1,740	780	755	590
15	508	532	582	2,490	3,390	1,980	1,230	657	1,530	755	731	567
16	508	532	582	2,740	3,150	1,780	1,170	832	1,380	755	707	590
17	508	532	582	2,570	3,040	1,640	1,050	832	1,290	659	707	613
18	582	532	582	2,170	3,040	1,530	1,050	682	1,230	636	707	636
19	682	682	607	1,900	2,740	1,400	1,530	936	1,180	731	881	636
20	682	916	607	1,740	2,570	1,340	1,340	1,050	1,180	855	1,010	659
21	632	784	607	1,670	2,830	1,540	1,170	1,110	1,120	1,040	1,010	659
22	582	732	582	1,530	3,150	1,230	1,050	1,050	1,040	1,200	933	636
23	532	632	607	1,830	2,740	1,170	1,030	970	959	1,070	1,010	613
24	532	632	632	1,230	2,170	1,050	998	998	907	1,010	1,070	590
25	532	582	732	1,110	1,980	998	970	1,110	855	1,070	985	567
26	508	582	998	1,050	2,070	943	943	1,600	805	1,230	959	567
27	508	582	1,280	998	2,740	1,110	943	2,740	855	1,440	830	544
28	508	557	1,670	943	3,150	1,400	970	4,500	959	1,560	707	544
29	508	557	1,670	943	-	1,600	1,170	5,800	1,120	1,530	659	590
30	508	557	1,530	1,050	-	2,930	1,030	4,670	1,290	1,410	659	659
31	508	-	1,280	1,400	-	4,190	-	3,270	-	1,230	636	-

1939-40

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	683	907	544	959	755	1,820	5,600	5,210	707	959	2,170	755
2	659	805	544	855	755	1,670	5,600	7,420	683	1,410	1,900	707
3	636	731	522	905	780	1,530	5,020	5,600	683	1,530	1,740	707
4	613	707	544	780	805	1,410	3,390	3,900	683	2,490	1,670	683
5	613	659	544	785	1,010	1,290	1,980	2,740	659	3,900	1,600	683
6	567	636	544	755	3,150	1,180	1,670	2,170	659	4,840	1,530	659
7	567	636	544	755	3,900	1,150	1,820	1,860	659	5,400	1,470	636
8	567	613	544	780	3,390	1,090	2,650	2,150	659	6,220	1,410	636
9	544	613	567	780	3,810	1,070	4,500	2,130	683	6,910	1,290	613
10	544	567	567	780	5,000	1,010	3,150	2,120	707	7,970	1,230	613
11	544	567	567	805	7,420	985	2,290	2,100	755	9,260	1,530	590
12	522	544	544	805	5,440	959	2,350	2,100	805	8,570	2,930	567
13	522	544	544	805	6,010	959	3,400	4,960	907	7,970	2,290	567
14	522	522	544	907	3,510	1,350	3,770	900	1,230	6,910	1,980	544
15	522	522	544	1,070	2,290	1,860	3,040	2,860	1,120	5,020	1,530	544
16	522	544	544	1,120	1,980	2,120	2,740	2,740	1,070	4,190	1,180	544
17	522	567	544	1,230	2,290	1,830	2,070	2,780	959	5,640	1,040	544
18	522	613	544	1,290	3,390	1,530	1,780	2,740	933	5,510	1,010	544
19	522	613	567	1,090	5,210	1,290	3,390	2,720	881	3,390	985	544
20	544	613	590	881	6,440	1,120	4,840	2,700	855	3,040	907	567
21	522	613	613	855	5,600	1,010	4,840	2,700	855	3,270	805	613
22	522	567	613	855	4,500	985	3,510	707	907	2,930	805	636
23	522	567	613	850	2,930	959	3,360	707	881	2,420	755	613
24	522	544	805	905	2,120	959	2,420	707	805	1,560	755	1,350
25	567	544	707	805	2,070	959	1,900	707	805	1,700	731	1,350
26	731	544	959	780	2,170	933	1,700	707	755	1,600	731	1,180
27	1,180	544	1,200	755	2,290	907	1,600	683	707	1,530	755	985
28	1,900	544	1,260	731	2,420	881	1,530	683	683	1,530	755	830
29	1,980	544	1,440	731	2,170	933	1,530	683	707	1,600	805	707
30	1,530	544	1,290	731	-	1,670	3,150	707	805	1,620	805	636
31	1,120	-	1,040	731	-	4,800	-	731	-	2,070	780	-

c Backwater from Pearl River; discharge computed on basis of records for station at Franklinton.

Discharge, in second-feet, of Bogue Chitto near Bush, La., 1937-45--Continued

1940-41

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	613	755	780	5,400	1,470	1,070	1,670	1,600	755	805	855	d640
2	590	1,120	780	4,500	1,410	1,010	1,980	1,670	755	1,040	755	805
3	567	1,120	805	3,390	1,470	959	2,120	1,320	707	1,090	907	959
4	567	683	855	2,740	1,470	907	2,420	1,150	659	1,090	1,900	1,150
5	567	567	855	2,170	1,440	855	2,570	1,090	613	1,230	1,980	1,410
6	544	567	805	1,980	1,800	855	2,230	1,070	613	1,230	1,440	1,230
7	544	d566	755	1,820	1,500	1,820	1,900	1,120	567	1,180	1,010	855
8	567	d560	855	1,740	1,470	3,390	1,640	1,180	659	1,070	855	707
9	590	d560	1,040	1,600	1,410	4,340	1,410	1,120	659	1,070	805	659
10	567	d560	1,090	1,470	1,290	4,190	1,350	1,070	613	780	755	659
11	544	855	1,120	1,440	1,260	3,150	1,230	1,010	659	755	805	656
12	544	1,180	1,010	1,340	1,230	2,570	1,150	959	659	805	907	613
13	544	1,070	1,740	1,290	1,180	2,070	1,070	907	731	1,350	1,200	613
14	544	959	4,500	1,180	1,150	1,860	1,010	805	755	1,470	1,010	613
15	544	805	7,420	1,180	1,150	1,740	959	780	935	1,290	855	613
16	522	755	8,260	1,900	1,150	1,670	959	780	1,230	1,230	805	590
17	522	707	9,260	2,830	1,070	1,600	907	755	1,560	1,320	780	590
18	522	659	11,800	2,740	1,040	1,530	881	755	2,490	1,230	755	590
19	522	613	12,400	2,350	1,010	1,470	855	731	2,020	1,070	755	590
20	522	590	7,160	1,900	1,010	1,530	830	707	1,500	1,070	731	567
21	522	590	5,600	1,530	1,040	1,530	855	d700	1,320	1,070	707	567
22	522	d600	4,190	1,230	1,010	1,470	1,320	d680	1,120	1,040	683	567
23	522	d620	3,270	1,180	955	1,530	2,420	d680	1,120	1,350	659	567
24	522	d640	2,570	1,230	1,010	1,670	2,740	d680	907	1,780	656	567
25	522	d660	2,170	1,290	1,040	1,530	3,040	d660	855	1,600	613	590
26	522	755	2,170	1,350	1,070	1,440	4,190	d680	855	1,230	590	d600
27	522	805	3,900	1,530	1,120	1,550	4,190	d680	907	1,120	d600	d580
28	522	830	6,010	2,070	1,090	1,320	2,570	d660	935	1,070	d600	d580
29	500	855	7,690	2,490	-	1,290	1,980	d660	855	1,090	d620	d680
30	500	805	8,570	1,980	-	1,230	1,640	d680	707	1,040	d640	d560
31	500	-	8,570	1,640	-	1,290	-	d700	-	959	d660	-

d Doubtful gage-height record; discharge computed on basis of records for station at Franklinton.

1941-42

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	d560	613	590	2,420	1,010	1,820	1,780	855	780	881	a950	1,070
2	613	855	567	4,190	985	1,670	1,600	830	780	1,290	a1,100	959
3	933	805	636	4,500	1,070	1,940	1,410	805	755	1,980	a1,500	907
4	1,070	755	707	6,670	1,070	2,120	1,290	780	755	2,740	a2,000	830
5	855	707	755	8,260	1,010	2,290	1,230	d805	780	2,490	a2,800	805
6	707	659	731	6,220	907	2,740	1,120	805	805	1,980	a2,600	755
7	659	636	659	5,020	881	2,740	1,070	780	830	1,820	a2,000	755
8	613	755	613	3,900	805	2,570	1,010	755	1,010	1,530	a1,500	855
9	567	707	567	2,230	805	2,120	959	707	1,260	1,290	a1,300	830
10	567	659	567	1,940	805	2,070	1,230	659	1,740	a1,000	a1,300	731
11	544	613	567	1,740	907	1,980	1,410	636	2,170	a900	a1,400	805
12	544	567	590	1,600	1,120	1,940	1,350	659	1,900	a800	a1,500	855
13	544	567	656	1,470	1,150	1,740	1,230	830	1,530	a800	a1,300	855
14	544	544	659	1,230	985	1,560	1,120	1,330	1,120	a750	a1,200	731
15	522	522	659	1,180	1,470	1,530	1,090	2,020	805	a800	a1,100	755
16	522	522	683	1,120	2,570	1,900	1,070	2,830	755	a850	a1,000	1,230
17	522	522	659	1,070	3,150	2,070	1,090	3,390	755	a900	a1,300	2,290
18	522	522	659	1,040	3,770	2,020	1,670	4,670	805	a950	a1,900	4,500
19	522	522	613	1,010	4,190	1,780	2,120	4,500	830	a850	a2,600	5,210
20	522	500	613	1,010	4,190	1,640	4,500	2,930	855	a900	a2,200	4,840
21	522	613	567	985	2,930	1,600	8,570	2,120	907	a850	a2,000	2,830
22	522	707	567	959	2,070	2,170	7,420	1,780	1,230	a850	1,940	1,350
23	500	755	1,290	933	1,860	3,150	3,390	1,560	1,410	a950	2,020	1,440
24	500	731	2,290	907	2,290	d5,000	2,570	1,320	1,410	a1,100	2,290	1,260
25	500	683	4,190	881	2,050	d4,500	1,940	1,090	1,260	a1,000	2,570	1,120
26	500	659	5,800	855	2,740	2,930	1,350	985	1,040	a1,000	2,420	d1,000
27	522	613	6,910	830	2,420	3,150	1,120	933	805	a1,000	2,070	d950
28	522	590	7,970	805	2,170	3,040	1,040	907	755	a1,100	1,530	d950
29	522	590	4,340	780	-	2,930	907	881	855	a1,100	1,230	d950
30	522	590	2,740	780	-	2,740	881	855	805	a1,100	1,180	d950
31	522	-	1,940	855	-	1,980	-	805	-	a1,000	1,070	-

a No gage-height record; discharge computed on basis of record for station at Franklinton.

d Doubtful gage-height record; discharge computed on basis of records for station at Franklinton.

Discharge, in second-feet, of Bogue Chitto near Bush, La., 1937-45--Continued

1942-43

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	d850	1,290	659	44,000	d1,200	1,290	4,190	1,630	823	d850	748	d600
2	907	1,700	636	36,000	1,140	1,420	3,640	1,360	798	d850	698	d600
3	855	2,170	636	7,970	1,060	1,380	3,390	1,110	748	d850	648	d650
4	805	2,070	613	3,150	950	1,160	2,830	1,000	723	d850	598	d650
5	855	1,780	613	1,870	924	1,220	2,570	1,000	698	d800	d650	d700
6	907	1,530	707	1,550	1,350	2,280	2,280	d950	698	d800	d650	848
7	907	1,120	755	1,550	3,270	5,210	1,980	d950	673	d750	d650	1,160
8	855	959	881	1,820	14,400	6,010	1,630	d950	673	d750	d650	1,350
9	805	959	1,040	2,830	16,000	6,440	1,630	d900	698	798	d700	1,350
10	780	855	1,120	3,900	10,100	5,900	2,160	d900	698	748	848	1,160
11	755	907	1,180	3,770	5,600	4,840	d5,500	1,060	898	950	976	950
12	731	881	1,120	2,930	2,650	4,500	d6,500	1,350	873	1,000	1,110	848
13	731	855	1,070	2,280	2,160	3,640	d5,000	2,280	798	1,000	1,110	823
14	731	805	959	2,040	d1,900	2,570	d4,000	2,650	723	873	950	748
15	707	780	805	1,770	1,720	1,920	d2,600	1,680	648	798	673	623
16	707	755	755	1,520	d1,600	1,720	1,590	1,220	648	698	d650	598
17	683	707	731	1,420	d1,400	3,150	1,550	976	798	698	d650	1,060
18	683	683	707	1,280	d1,300	7,420	2,280	898	848	798	d700	1,680
19	683	659	707	d1,200	1,200	8,570	3,770	898	873	976	d700	3,390
20	659	659	805	d1,300	1,060	6,670	8,570	873	848	1,030	d700	4,840
21	659	707	855	d1,300	976	21,600	12,400	848	798	950	d650	5,400
22	683	805	1,010	d1,200	1,350	45,600	10,100	898	798	698	d650	4,340
23	659	805	1,230	d1,100	1,520	45,600	9,350	1,160	773	798	d650	3,040
24	636	780	1,410	d1,100	1,490	31,200	6,440	1,350	848	798	d650	1,870
25	613	755	1,380	d1,100	1,420	18,400	5,400	1,440	848	698	d650	1,420
26	805	731	1,200	d1,200	1,350	8,570	4,340	1,350	798	1,000	648	a1,300
27	1,120	707	1,350	d1,200	1,220	10,100	2,570	1,280	848	1,060	d650	a1,100
28	1,530	683	2,420	d1,600	1,160	8,570	2,220	1,160	848	1,080	d650	a950
29	1,600	683	6,810	d1,600	-	6,810	2,040	1,030	823	1,220	d650	a850
30	1,440	659	23,200	d1,400	-	6,010	1,820	950	d850	1,160	d600	a880
31	1,260	-	39,200	d1,300	-	4,840	-	848	-	698	d600	-

a No gage-height record; discharge computed on basis of records for station at Franklinton.

d Doubtful gage-height record; discharge computed on basis for records for station at Franklinton.

1943-44

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	a750	598	1,000	a2,900	1,720	3,640	16,900	2,930	1,140	848	673	1,320
2	a750	598	1,000	a2,400	1,630	3,150	12,400	2,570	1,110	848	698	1,170
3	a750	598	976	a3,000	1,480	2,490	9,260	2,110	1,080	848	924	1,080
4	a700	598	924	a4,000	1,480	1,630	7,420	1,980	1,080	848	1,220	1,030
5	a700	598	848	a4,400	1,520	1,550	5,210	2,350	1,080	798	1,220	998
6	a700	598	848	a3,600	1,680	1,480	3,640	6,440	1,030	748	1,260	1,050
7	698	1,220	823	a3,000	1,920	1,480	2,830	6,910	1,000	723	1,280	1,110
8	673	2,570	823	a2,200	1,820	1,440	2,740	6,440	1,000	723	1,350	1,140
9	673	4,040	798	a2,000	1,590	1,440	2,570	5,600	976	698	1,590	1,110
10	623	5,600	798	a1,900	1,590	1,440	2,280	4,670	1,030	698	1,680	1,530
11	598	5,020	798	a1,800	1,920	1,440	2,280	3,640	1,350	698	d1,600	1,820
12	573	2,350	798	a1,700	1,920	1,280	2,160	2,570	2,370	723	d1,500	1,600
13	598	1,590	873	a1,800	1,720	1,220	2,160	1,770	3,270	698	d1,400	1,230
14	648	1,350	1,200	a2,400	1,590	1,060	2,100	1,520	2,160	698	d1,300	970
15	648	d1,100	1,820	a4,000	1,980	924	2,100	1,360	1,870	698	d1,200	810
16	623	d950	2,040	a5,000	2,650	1,030	2,040	1,280	1,380	723	1,110	784
17	648	d900	1,720	a5,500	2,930	1,080	1,920	1,200	1,080	698	1,080	810
18	648	d800	1,440	a4,800	2,280	1,000	1,770	1,110	1,060	698	1,050	810
19	648	d800	1,550	4,190	2,160	1,520	1,720	1,030	1,080	698	998	784
20	623	d750	1,200	2,490	2,220	3,900	1,720	1,080	1,110	698	970	758
21	623	d750	1,080	2,280	2,830	7,160	1,590	1,420	1,110	673	898	758
22	623	d750	976	1,770	3,150	6,910	1,550	1,550	1,080	648	784	784
23	623	d750	d950	1,550	4,190	7,690	1,550	2,420	1,030	648	784	810
24	623	d750	d950	1,440	3,770	9,660	3,270	5,210	924	648	943	810
25	623	748	d950	1,480	3,390	10,100	4,500	4,500	823	648	1,200	758
26	623	723	1,630	2,040	2,570	7,420	4,670	2,350	773	623	1,600	732
27	623	723	2,220	2,650	2,570	5,400	4,500	2,040	773	598	1,640	682
28	623	723	d3,000	2,420	4,190	4,840	3,770	1,920	748	598	1,530	657
29	623	723	d3,200	2,160	3,900	6,010	1,770	1,770	748	598	1,700	632
30	598	823	d3,200	2,040	-	7,690	3,390	1,520	823	598	1,850	784
31	598	-	d3,200	1,820	-	16,000	-	1,320	-	623	1,820	-

a No gage-height record; discharge computed on basis of records for station at Franklinton.

d Doubtful gage height record; discharge computed on basis of records for station at Franklinton.

Discharge, in second-feet, of Bogue Chitto near Bush, La., 1937-45--Continued

1944-45

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1,080	657	1,980	1,860	1,670	3,390	2,170	5,800	862	d1,100	a2,400	889
2	998	657	d1,700	1,820	1,640	2,570	3,900	3,640	889	d1,200	a1,800	862
3	758	657	d1,400	1,700	1,670	1,980	5,600	2,290	889	d1,300	1,470	784
4	632	657	d1,200	1,600	1,740	1,900	5,600	1,900	889	d1,400	1,260	732
5	632	657	1,110	1,580	2,550	1,860	5,020	1,820	889	1,440	1,110	a700
6	732	657	1,170	1,780	4,190	1,820	4,340	1,640	862	1,380	1,080	a700
7	1,050	657	1,700	3,270	6,010	1,820	3,640	1,400	836	1,320	1,050	a700
8	1,600	657	3,510	3,900	6,220	1,820	2,740	1,260	836	1,250	1,030	a700
9	1,940	657	4,840	4,500	6,010	1,780	1,980	1,230	810	1,170	970	a750
10	1,980	998	4,840	5,600	5,210	1,780	1,600	1,200	784	1,140	943	a700
11	1,700	1,110	4,670	5,800	3,640	1,780	1,470	1,200	753	1,030	943	a700
12	1,280	1,030	3,640	5,400	2,740	1,740	1,440	1,200	732	916	916	a750
13	1,030	943	2,740	4,340	2,650	1,740	1,260	732	916	943	943	a900
14	862	916	2,290	2,650	1,870	1,670	1,250	1,500	707	889	998	a900
15	784	889	2,120	1,900	5,800	1,640	1,140	1,500	1,260	889	998	d850
16	732	889	2,070	1,780	6,440	1,600	1,140	1,560	2,420	889	998	d800
17	732	889	2,080	1,740	6,910	1,560	1,170	d3,000	3,900	916	1,110	732
18	707	889	1,900	1,780	4,600	1,860	1,230	d4,400	3,510	943	1,320	732
19	707	1,140	1,740	1,900	3,770	3,510	d1,400	d4,000	3,510	943	998	732
20	707	1,670	1,500	1,940	3,150	4,340	d1,500	2,950	3,590	916	970	758
21	707	1,820	1,230	2,350	2,070	3,150	d1,600	1,980	2,570	943	943	836
22	707	1,640	1,140	4,190	2,490	2,570	d1,400	1,530	1,980	1,030	916	810
23	707	1,560	1,140	6,220	d3,200	2,290	d1,500	1,280	1,470	1,030	916	784
24	707	1,320	1,170	7,690	d4,600	2,170	d1,800	1,260	1,380	1,000	1,260	784
25	707	1,170	1,260	5,210	d6,000	2,230	d2,600	1,230	1,280	d1,100	1,670	732
26	682	2,230	1,340	3,040	d3,600	d3,000	3,400	1,170	1,200	d1,200	1,600	784
27	682	4,340	1,440	2,120	d4,900	d4,400	4,840	1,110	1,140	d1,400	1,080	784
28	682	4,500	1,560	2,120	d4,000	d3,400	5,600	1,080	1,080	d2,600	1,200	784
29	682	3,640	1,670	2,070	-	2,490	5,800	1,050	1,030	d5,800	1,030	943
30	682	2,650	1,670	1,780	-	2,070	5,800	998	998	d6,200	970	1,340
31	682	-	1,780	1,700	-	1,980	-	889	-	d3,500	943	-

a No gage-height record; discharge computed on basis of records for station at Franklinton.

d Doubtful gage-height record; discharge computed on basis of records for station at Franklinton.

Monthly discharge, in second-feet, 1937-45

Month	Second-foot-days	Maximum	Minimum	Mean	Per square mile	Runoff in inches
October 1937	31,667	3,900	460	1,022	0.845	0.97
November	21,998	970	557	733	.606	.68
December	28,348	1,260	682	914	.755	.87
Calendar year	-	-	-	-	-	-
January 1938	43,388	1,940	889	1,400	1.16	1.33
February	53,274	6,010	810	1,903	1.57	1.64
March	43,031	2,420	836	1,388	1.15	1.32
April	154,050	28,000	1,280	5,135	4.24	4.73
May	30,600	1,600	732	987	.816	.94
June	34,999	2,570	682	1,167	.964	1.08
July	26,551	1,260	632	856	.707	.82
August	36,423	2,930	632	1,239	1.02	1.18
September	21,095	1,030	557	703	.581	.65
Water year 1937-38	527,424	28,000	460	1,445	1.19	16.21
October 1938	17,152	682	508	553	.457	.53
November	17,524	916	508	584	.463	.54
December	23,176	1,670	557	748	.618	.71
Calendar year 1938	503,265	28,000	508	1,379	1.14	15.47
January 1939	44,599	2,740	784	1,439	1.19	1.37
February	68,310	3,640	1,600	2,440	2.02	2.10
March	86,161	5,800	943	2,747	2.27	2.62
April	77,514	9,230	943	2,260	1.98	2.08
May	43,132	5,600	632	1,321	1.15	1.33
June	112,110	20,000	805	3,737	3.09	3.45
July	30,557	1,560	636	986	.815	.94
August	27,681	1,290	636	883	.738	.86
September	18,641	780	544	628	.519	.58
Water year 1938-39	555,759	20,000	508	1,523	1.26	17.10
October 1939	22,353	1,980	522	721	.596	.69
November	18,078	907	522	603	.498	.56
December	21,344	1,440	522	689	.569	.66
Calendar year 1939	559,680	20,000	522	1,533	1.27	17.23
January 1940	26,616	1,290	731	859	.710	.82
February	94,305	7,420	755	3,252	2.69	2.90
March	41,909	4,500	861	1,352	1.12	1.23
April	90,602	50,600	1,530	3,020	2.50	2.78
May	49,202	7,420	683	1,587	1.31	1.51
June	24,207	1,230	659	807	.667	.74
July	119,579	9,260	959	3,857	3.19	3.68
August	39,874	2,930	731	1,286	1.06	1.23
September	21,147	1,350	544	705	.563	.65
Water year 1939-40	569,216	9,260	522	1,555	1.29	17.51

Monthly discharge, in second-feet, of Bogue Chitto near Bush, La., 1937-45--Continued

Month	Second-foot-days	Maximum	Minimum	Mean	Per square mile	Runoff in inches
October 1940	16,722	613	500	539	0.445	0.51
November	22,411	1,180	560	747	.617	.69
December	128,000	12,400	755	4,129	3.41	3.93
Calendar year 1940	674,674	12,400	500	1,843	1.52	20.75
January 1941	62,480	5,400	1,180	2,015	1.67	1.92
February	34,045	1,500	985	1,216	1.00	1.05
March	54,236	4,340	855	1,750	1.45	1.67
April	54,112	4,190	830	1,804	1.49	1.66
May	28,039	1,670	660	904	.747	.86
June	28,776	2,460	567	959	.733	.88
July	35,524	1,780	755	1,146	.947	1.09
August	25,875	1,930	590	887	.717	.83
September	20,847	1,410	560	695	.574	.64
Water year 1940-41	512,065	12,400	500	1,403	1.16	15.75
October 1941	18,106	1,070	500	584	.483	.56
November	19,083	855	500	636	.526	.59
December	51,334	7,970	567	1,656	1.37	1.58
Calendar year 1941	433,455	7,970	500	1,188	.982	13.33
January 1942	67,390	8,260	780	2,174	1.80	2.07
February	51,380	4,190	805	1,835	1.52	1.58
March	73,430	5,000	1,530	2,369	1.96	2.26
April	58,537	8,570	981	1,951	1.61	1.80
May	45,012	4,670	636	1,432	1.20	1.38
June	31,497	2,170	755	1,030	.868	.97
July	36,651	2,740	750	1,182	.977	1.13
August	52,870	2,600	950	1,705	1.41	1.62
September	43,368	5,210	731	1,445	1.19	1.33
Water year 1941-42	548,658	8,570	500	1,503	1.24	16.87
October 1942	26,677	1,600	613	661	.712	.82
November	29,617	2,170	659	984	.813	.91
December	96,664	39,200	613	3,118	2.58	2.97
Calendar year 1942	612,993	39,200	613	1,679	1.39	18.84
January 1943	138,550	44,000	1,100	4,469	3.69	4.26
February	81,460	16,000	924	2,909	2.40	2.50
March	287,800	48,800	1,160	9,294	7.67	8.85
April	124,250	12,400	1,550	4,132	3.41	3.82
May	56,969	2,650	849	1,193	.996	1.14
June	23,617	898	648	787	.650	.73
July	27,627	1,220	698	891	.736	.85
August	22,107	1,110	598	713	.589	.68
September	45,778	5,400	398	1,526	1.26	1.41
Water year 1942-43	941,016	48,800	598	2,578	2.13	28.94
October 1943	20,075	750	573	648	.536	.62
November	40,091	5,600	598	1,336	1.10	1.23
December	43,433	3,200	798	1,401	1.16	1.33
Calendar year 1943	891,757	48,800	573	2,443	2.02	27.42
January 1944	84,630	5,500	1,440	2,730	2.26	2.60
February	65,640	4,160	1,480	2,367	1.86	2.11
March	123,074	16,000	924	3,970	3.28	3.78
April	117,360	16,800	1,550	3,912	3.23	3.61
May	94,770	6,910	1,030	2,735	2.26	2.61
June	36,578	3,270	748	1,219	1.01	1.12
July	21,713	848	598	700	.579	.67
August	38,853	1,860	673	1,253	1.04	1.19
September	29,321	1,820	632	977	.807	.90
Water year 1943-44	708,538	16,800	573	1,936	1.60	21.77
October 1944	28,270	1,980	632	912	.754	.87
November	42,146	4,500	657	1,405	1.16	1.30
December	63,480	4,840	1,110	2,048	1.69	1.95
Calendar year 1944	758,835	16,800	598	2,019	1.67	22.71
January 1945	95,310	7,690	1,560	3,075	2.54	2.93
February	113,160	6,910	1,640	4,041	3.54	3.48
March	71,910	4,400	1,560	2,320	1.92	2.21
April	94,030	5,800	1,140	2,801	2.31	2.58
May	58,327	5,800	889	1,882	1.56	1.79
June	43,588	3,900	707	1,453	1.20	1.34
July	47,760	6,200	889	1,541	1.27	1.47
August	35,855	2,400	916	1,167	.966	1.10
September	23,952	1,340	700	798	.650	.74
Water year 1944-45	707,798	7,690	632	1,939	1.60	21.76

Time basis: Central standard time except 2 a.m., Feb. 9, 1942, to 2 a.m., Sept. 30, 1945, when central war time was used. To convert war time to standard time, subtract 1 hour.

Measurements of stream flow in the south Atlantic slope and eastern Gulf of Mexico basins made at points other than gaging stations are given in the following table:

Miscellaneous discharge measurements in the south Atlantic slope and eastern Gulf of Mexico basins during water year October 1944 to September 1945

James River Basin				
Date	Stream	Tributary to or diverting from--	Locality	Discharge (sec.-ft.)
Oct. 26	Smith Creek.....	Jackson River...	$\frac{1}{2}$ mile above Clifton Forge Intake, and 3.6 miles above mouth.	3.55
Dec. 15	....do.....	....do.....	....do.....	6.39
Jan. 17	....do.....	....do.....	....do.....	15.4
Feb. 14	....do.....	....do.....	....do.....	26.9
Mar. 16	....do.....	....do.....	....do.....	10.7
Apr. 11	....do.....	....do.....	....do.....	11.8
May 9	....do.....	....do.....	....do.....	8.73
June 6	....do.....	....do.....	....do.....	6.62
July 18	....do.....	....do.....	....do.....	2.36
Sept. 12	....do.....	....do.....	....do.....	2.02
June 29	Moormans River..	South Fork Rivanna River.	Above Charlottesville Reservoir, 4.5 miles northwest of Whitehall, Va.	1.54
Oct. 21	Deep Creek.....	James River.....	At crossing of State Highway 27, 1 mile west of Provost post office, Va., and 2.5 miles above mouth.	20.0
Roanoke River Basin				
Sept. 21	Roanoke River...	Albemarle Sound.	At crossing of U. S. Highway 1, near South Hill, Va.	120,000
Neuse River Basin				
Apr. 14	Eno River.....	Flat River.....	Above Duke Power Co. steam plant, $5\frac{1}{2}$ miles east of Hillsboro, N. C.	42.3
Cape Fear River Basin				
Oct. 4	Cape Fear River.	Atlantic Ocean..	At site of former gaging station at Fayetteville, N. C.	18,500
Sept. 19	....do.....	....do.....	....do.....	114,000
20	....do.....	....do.....	....do.....	122,000
18	Reedy Fork.....	Haw River.....	Computation of crest discharge over Lake Bryant Dam near Greensboro, N. C.	8,100
18	....do.....	....do.....	Slope-area determination of crest discharge below Hardy Mill, near Greensboro, N. C.	8,450
18	Deep River.....	Cape Fear River.	Computation of crest discharge over High Point Reservoir dam near High Point, N. C.	5,020
18	Rocky River.....	Deep River.....	Contracted-opening computation of crest discharge at U. S. Highway 15, about 5 miles southwest of Pittsboro, N. C.	40,000
May 22	Rockfish Creek..	Cape Fear River.	At Aberdeen & Rockfish R. R. trestle at Lakefield, N. C.	101
Pee Dee River Basin				
Apr. 5	Deep Creek.....	Drowning Creek..	At site of former gaging station near Roseland, N. C.	29.2
5	Aberdeen Creek..	....do.....	At U. S. Highway 1 at Aberdeen, N. C.	21.6
May 22	Ray's Mill Creek.	....do.....	Above Aberdeen & Rockfish R. R., at Aberdeen, N. C.	4.46
Santee River Basin				
Oct. 26	Lyle Creek.....	Catawba River...	Just above mouth, at Catawba, N. C.	122
Nov. 17	....do.....	....do.....	....do.....	49.2
Apr. 19	....do.....	....do.....	....do.....	80.8
July 22	....do.....	....do.....	....do.....	41.6
Feb. 6	South Pacolet River.	Pacolet River...	Just below Spartanburg water works plant, near Chesnee, S. C.	61.3
Oct. 12	Little River....	Santee River....	Below Lake Marion Dam, near Pineville, S. C.	38.3
Dec. 27	....do.....	....do.....	....do.....	35.6
Feb. 23	....do.....	....do.....	....do.....	37.7
Apr. 10	....do.....	....do.....	....do.....	36.2
May 30	....do.....	....do.....	....do.....	37.7
July 10	....do.....	....do.....	....do.....	39.8
Aug. 22	....do.....	....do.....	....do.....	41.9
St. Johns River Basin				
May 10	St. Johns River.	Atlantic Ocean..	At Main St. Bridge, Jacksonville, Fla.	a6,060
Aug. 16	....do.....	....do.....	....do.....	a33,200
17	....do.....	....do.....	....do.....	a33,800
20	....do.....	....do.....	....do.....	a41,400
23	....do.....	....do.....	....do.....	a37,200
23	....do.....	....do.....	....do.....	a35,100
24	....do.....	....do.....	....do.....	a33,800
Apr. 3	Little Econlockhatchee River.	Econlockhatchee River.	1 mile north of State Highway 22, near Orlando, Fla.	1.46
Oct. 14	Lake Sue Outlet.	Lake Virginia...	At crossing of Seaboard Ry. in Orlando, Fla.	.79
Nov. 25	....do.....	....do.....	....do.....	.88
Jan. 8	....do.....	....do.....	....do.....	.83
Mar. 16	....do.....	....do.....	....do.....	.85
Sept. 10	Snake Run Creek.	Lake Howell....	$1\frac{1}{2}$ miles east of Maitland, Fla.	17.9
Aug. 8	Mill Creek Spring.	Wekiva River....	4 miles northeast of Apopka, Fla.	4.69
June 7	Wekiva Springs..	....do.....	....do.....	64.8
a Integrated mean discharge for 1 tide cycle.				

Miscellaneous discharge measurements in the south Atlantic slope and eastern Gulf of Mexico basins during water year October 1944 to September 1945--Continued

St. Johns River Basin--Continued

Date	Stream	Tributary to or diverting from--	Locality	Discharge (sec.-ft.)
June 7	Rock Springs...	Wekiva River....	5½ miles north of Apopka, Fla.....	52.5
Aug. 8	Miami Spring...	....do.....	5 miles northwest of Apopka, Fla.....	5.79
Sept-12	Drainage ditch..	Prairie Creek...	At Camp Ranch, near Gainesville, Fla.....	101

Tomoka River Basin

Aug. 10	Little Tomoka River.	Tomoka River....	3/4 mile above mouth, near Daytona Beach, Fla.	25.9
Sept-26	....do.....	....do.....	....do.....	65.2

St. Lucie River Basin

Oct. 26	Ten Mile Creek..	North Fork St. Lucie River.	At Powers Bridge, near Fort Pierce, Fla.....	589
Nov. 14	....do.....	....do.....	....do.....	260
Dec. 14	....do.....	....do.....	....do.....	186
Jan. 18	....do.....	....do.....	....do.....	148
Feb. 15	....do.....	....do.....	....do.....	118
Mar. 14	....do.....	....do.....	....do.....	b61.8
Apr. 18	....do.....	....do.....	At Kings Highway, near Fort Pierce, Fla.....	28.2
May 22	....do.....	....do.....	....do.....	24.8
July 3	....do.....	....do.....	....do.....	148

b Average of 2 measurements during 1 tide cycle.

Lake Okeechobee and the Everglades

Oct. 27	Down-Butler Canal.	Lake Butler....	Windermere, Fla.....	3.30
27	Butler-Louise Canal.	Lake Louise....	....do.....	24.8
Sept-22	Shingle Creek..	Tohopekaliga Lake.	At crossing of U. S. Highway 92, 1 mile southwest of Kissimmee, Fla.	1,970
Oct. 20	West Palm Beach Canal.	Atlantic Ocean..	Just below junction with Cross Canal, near Loxahatchee, Fla.	232
20	....do.....	....do.....	At crossing of State Highway 199, near West Palm Beach, Fla.	1,600
31	....do.....	....do.....	....do.....	1,190
Nov. 2	North New River Canal.	South Fork New River.	17.8 miles below Okeelanda, Fla.....	128
2	....do.....	....do.....	At 26-mile bend, near Fort Lauderdale, Fla...	217
17	....do.....	....do.....	....do.....	10.7
Dec. 1	....do.....	....do.....	....do.....	9.80
15	....do.....	....do.....	....do.....	9.40
Nov. 3	....do.....	....do.....	At 20-mile bend, near Fort Lauderdale, Fla...	279
2	....do.....	....do.....	At 15-mile dike, near Fort Lauderdale, Fla...	364
Oct. 13	Lateral eastward	North New River Canal.	At 26-mile bend, near Fort Lauderdale, Fla...	112
Nov. 17	....do.....	....do.....	....do.....	102
Dec. 1	....do.....	....do.....	....do.....	98.3
15	....do.....	....do.....	....do.....	78.3
29	....do.....	....do.....	....do.....	65.8
Jan. 19	....do.....	....do.....	....do.....	121
Feb. 2	....do.....	....do.....	....do.....	113
Mar. 16	....do.....	....do.....	....do.....	16.5
Feb. 16	....do.....	....do.....	....do.....	72.0
July 20	....do.....	....do.....	....do.....	34.0
Aug. 3	....do.....	....do.....	....do.....	33.7
17	....do.....	....do.....	....do.....	5.10
31	....do.....	....do.....	....do.....	71.0
Oct. 13	Lateral westward	....do.....	....do.....	21.1
Nov. 17	....do.....	....do.....	....do.....	16.9
Dec. 29	....do.....	....do.....	....do.....	9.90
Jan. 19	....do.....	....do.....	....do.....	31.1
Feb. 2	....do.....	....do.....	....do.....	27.5
16	....do.....	....do.....	....do.....	9.90
Mar. 16	....do.....	....do.....	....do.....	1.80
Aug. 3	....do.....	....do.....	....do.....	6.50
31	....do.....	....do.....	....do.....	36.0

Mulock Creek Basin

Oct. 12	Line-A Canal....	Mulock Creek....	¼ mile above crossing of U. S. Highway 41, near Fort Myers, Fla.	2.65
Nov. 17	....do.....	....do.....	....do.....	2.10
Jan. 11	....do.....	....do.....	....do.....	2.31
Aug. 10	....do.....	....do.....	....do.....	24.4

Peace Creek Basin

Apr. 13	Peace Creek Marsh Canal.	Peace Creek....	At Pierce Bridge, 1½ miles north of Connersville, Fla.	21.1
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Hillsboro River Basin

Sept. 7	Hillsboro River.	Hillsboro Bay...	At Fowler St. Bridge, near Barney, Fla.....	2,630
Aug. 6	Lake Platt Inlet	Lake Platt....	At 3rd channel west of Florida Ave. on Lake Magdalene Blvd., near Sulphur Springs, Fla.	36.1
14	....do.....	....do.....	....do.....	22.6
2	Lake Magdalene Inlet.	Lake Magdalene..	At Beares Ave., near Sulphur Springs, Fla....	10.0

MISCELLANEOUS DISCHARGE MEASUREMENTS

Miscellaneous discharge measurements in the south Atlantic slope and eastern Gulf of Mexico basins during water year October 1944 to September 1945--Continued

Brooker Creek Basin

Date	Stream	Tributary to or diverting from--	Locality	Drainage area (sq.mi.)	Discharge (sec.-ft.)
June 25	Brooker Creek..	Spring Bayou....	At East Lake Road, near Palm Harbor, Fla.	-	382
July 10	.....do.....	.....do.....	.....do.....	-	22.2
7	Spring Bayou....	Anclote River....	At Tarpon Springs, Fla.	-	a628
8	.....do.....	.....do.....	.....do.....	-	a623
9	.....do.....	.....do.....	.....do.....	-	a623
10	.....do.....	.....do.....	.....do.....	-	a567

a Integrated mean discharge for 1 tide cycle.

Waccasassa River Basin

July 26	Waccasassa River.	Waccasassa Bay..	At crossing of U. S. Highway 41, near Gulf Hammock, Fla.	-	138
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Ochlockonee River Basin

Mar. 17	Copeland Branch	Tired Creek.....	In Cairo, Ga.	-	1.56
June 3	.....do.....	.....do.....	.....do.....	-	.46

Apalachicola River Basin

July 6	Wehadkee Creek.	Chattahoochee River.	SE $\frac{1}{4}$ sec. 4, T. 21 S., R. 13 E., 6 miles northeast of Rconoke, Ala.	14	7.92
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Choctawhatchee River Basin

Oct. 17	Claybank Creek.	Choctawhatchee River.	NW $\frac{1}{4}$ sec. 15, T. 3 N., R. 23 E., 0.7 mile west of Clayhatchee, Ala.	218	140
Nov. 15	.....do.....	.....do.....	.....do.....	-	145
Dec. 29	.....do.....	.....do.....	.....do.....	-	171
Feb. 28	.....do.....	.....do.....	.....do.....	-	587
Apr. 24	.....do.....	.....do.....	.....do.....	-	541
May 31	.....do.....	.....do.....	.....do.....	-	105
July 27	.....do.....	.....do.....	.....do.....	-	160
Sept. 13	.....do.....	.....do.....	.....do.....	-	580
Oct. 16	Whitewater Creek.	Pea River.....	SE $\frac{1}{4}$ sec. 5, T. 5 N., R. 20 E., 1 mile north of Elba, Ala.	318	208
Nov. 16	.....do.....	.....do.....	.....do.....	-	205
24	.....do.....	.....do.....	.....do.....	-	207
Dec. 28	.....do.....	.....do.....	.....do.....	-	263
Feb. 27	.....do.....	.....do.....	.....do.....	-	506
Apr. 27	.....do.....	.....do.....	.....do.....	-	1,100
June 2	.....do.....	.....do.....	.....do.....	-	113
15	.....do.....	.....do.....	.....do.....	-	85.8
July 27	.....do.....	.....do.....	.....do.....	-	152
Sept. 11	.....do.....	.....do.....	.....do.....	-	239

Yellow River Basin

Oct. 16	Poley Creek....	Yellow River....	SW $\frac{1}{4}$ sec. 36, T. 4 N., R. 17 E., 3 miles west of Opp, Ala.	114	144
Nov. 16	.....do.....	.....do.....	.....do.....	-	132
Dec. 28	.....do.....	.....do.....	.....do.....	-	146
Mar. 9	.....do.....	.....do.....	.....do.....	-	145
May 7	.....do.....	.....do.....	.....do.....	-	126
June 1	.....do.....	.....do.....	.....do.....	-	47.8
July 26	.....do.....	.....do.....	.....do.....	-	76.7
Sept. 11	.....do.....	.....do.....	.....do.....	-	64.8

Mobile River Basin

Oct. 24	Iadiga Creek...	Terrapin Creek..	NE $\frac{1}{4}$ sec. 34, T. 12 S., R. 10 E., 2 $\frac{1}{2}$ miles northeast of Piedmont, Ala.	-	4.67
Dec. 20	.....do.....	.....do.....	.....do.....	-	3.62
Apr. 23	.....do.....	.....do.....	.....do.....	-	7.07
Aug. 22	.....do.....	.....do.....	.....do.....	-	5.39
July 5	Black Creek....	Big Mills Creek.	SE $\frac{1}{4}$ sec. 29, T. 11 S., R. 6 E., at bridge on county road, 2 miles north of Gadsden, Ala.	50	2.64
5	Little Mills Creek.	.....do.....	SW $\frac{1}{4}$ sec. 17, T. 11 S., R. 6 E., at Resesville, 2 $\frac{1}{2}$ miles southwest of Grady, Ala.	22	6.42
4	Talladega Creek	Coosa River.....	NE $\frac{1}{4}$ sec. 17, T. 19 S., R. 6 E., 6 miles southeast of Talladega, Ala.	81	35.3
Oct. 27	Tallaseehatches Creek.	.....do.....	NE $\frac{1}{4}$ sec. 9, T. 21 S., R. 4 E., 4 miles north of Sylacauga, Ala.	87	1.91
July 4	.....do.....	.....do.....	.....do.....	-	25.4
3	Hatchet Creek..	.....do.....	SE $\frac{1}{4}$ sec. 8, T. 24 N., R. 20 E., at highway bridge 2 miles northwest of Goodwater, Ala.	100	43.3
6	Tallapoosa River.	Alabama River...	NE $\frac{1}{4}$ sec. 26, T. 16 S., R. 11 E., 8 miles southeast of Heflin, Ala.	438	210
Sept. 10	Curtis Creek...	Little Tallapoosa River.	At crossing of county road, 1 $\frac{1}{2}$ miles north of Carrollton, Ga., and $\frac{1}{2}$ mile above mouth.	-	1.74
July 6	Sims Creek.....	High Pine Creek.	SE $\frac{1}{4}$ sec. 33, T. 21 S., R. 12 E., 1 mile southwest of Roncele, Ala.	-	.58
Sept. 29	Finley Creek...	Tallapoosa River	SW $\frac{1}{4}$ sec. 21, T. 22 N., R. 26 E., 3 $\frac{1}{2}$ miles southwest of Lafayette, Ala.	3.1	3.55

Miscellaneous discharge measurements in the south Atlantic slope and eastern Gulf of Mexico basins during water year October 1944 to September 1945--Continued

Mobile River Basin--Continued

Date	Stream	Tributary to or diverting from--	Locality	Drainage area (sq.mi.)	Discharge (sec.-ft.)
Sept. 29	Finley Creek...	Tallapoosa River	SW $\frac{1}{4}$ sec. 17, T. 22 N., R. 26 E., 3 $\frac{1}{2}$ miles west of Lafayette, Ala., at head of pond 500 feet upstream from dam at city pumping station.	11.2	4.52
Nov. 3	Sougarhatchee Creek...	....do.....	SE $\frac{1}{4}$ sec. 26, T. 19 N., R. 23 E., 3 miles northwest of Notasulga, Ala.	168	55.2
Nov. 3	Sawacklahatchee Creek...	Uphapee Creek...	NW $\frac{1}{4}$ sec. 23, T. 17 N., R. 25 E., 5 miles northwest of Society Hill, Ala.	100	18.8
July 3	Cahaba River...	Alabama River...	Sec. 14, T. 17 S., R. 1 W., $\frac{1}{2}$ mile south of Lovick, Ala.	115	15.7
July 3	Little Cahaba River...	Cahaba River...	SE $\frac{1}{4}$ sec. 30, T. 17 S., R. 1 E., at bridge on county road, 2.4 miles southwest of Leeds, Ala.	19	10.2
Dec. 15	Shades Creek...	....do.....	SW $\frac{1}{4}$ sec. 17, T. 18 S., R. 2 W., 3 miles southeast of Birmingham, Ala.	19	4.89
July 3	....do.....	....do.....	....do.....	-	4.04
Nov. 1	Shoal Creek...	Little Cahaba River...	SE $\frac{1}{4}$ sec. 5, T. 24 N., R. 12 E., 1 mile north of Wilton, Ala.	61	17.8
July 3	....do.....	....do.....	....do.....	-	37.0
Nov. 6	Mantachie Creek Canal.	East Fork Tombigbee River.	NE $\frac{1}{4}$ sec. 5, T. 10 S., R. S E. Chickasaw meridian, at bridge on U. S. Highway 78, $\frac{1}{2}$ mile east of Dorsey, Miss.	62	2.01
Jan. 2	....do.....	....do.....	....do.....	-	139
Apr. 28	Little Coonewar Creek.	Coonewar Creek...	NE $\frac{1}{4}$ sec. 32, T. 9 S., R. 5 E. Chickasaw meridian, at bridge on county road, 4 miles west of Tupelo, Miss.	6.8	198
Apr. 28	....do.....	....do.....	NE $\frac{1}{4}$ sec. 4, T. 10 S., R. 5 E. Chickasaw meridian, at bridge on State High- way 6, $\frac{3}{4}$ miles southwest of Tupelo, Miss.	10	255
July 9	Luxapilla Creek.	Tombigbee River	NE $\frac{1}{4}$ sec. 12, T. 13 S., R. 13 W., 2 miles northwest of Winfield, Ala.	17	4.76
Aug. 26	Lububb Creek...	....do.....	SE $\frac{1}{4}$ sec. 30, T. 22 S., R. 15 W., 1 $\frac{1}{2}$ miles southeast of Aliceville, Ala.	318	38.8
Nov. 2	Noxubee River...	....do.....	NW $\frac{1}{4}$ sec. 19, T. 16 N., R. 13 E. Choctaw meridian, at bridge on county road, 7 $\frac{1}{2}$ miles north of Louisville, Miss.	89	9.07
July 4	....do.....	....do.....	....do.....	-	10.5
Oct. 28	Woodards Creek.	Noxubee River...	NE $\frac{1}{4}$ sec. 28, T. 23 N., R. 3 W., 5 miles north of Geiger, Ala.	-	74.4
Dec. 4	Turkey Creek...	Locust Fork....	NE $\frac{1}{4}$ sec. 15, T. 15 S., R. 3 W., $\frac{1}{2}$ mile above Cunningham Branch, 1 $\frac{1}{2}$ miles south of Morris, Ala.	50	.06
Oct. 31	....do.....	....do.....	SW $\frac{1}{4}$ sec. 12, T. 15 S., R. 3 W., 1 mile south of Morris, Ala.	61	12.2
Dec. 4	....do.....	....do.....	....do.....	-	12.1
Jan. 30	....do.....	....do.....	....do.....	-	49.1
Feb. 14	....do.....	....do.....	....do.....	-	594
Mar. 26	....do.....	....do.....	....do.....	-	500
May 9	....do.....	....do.....	....do.....	-	85.4
May 23	....do.....	....do.....	....do.....	-	50.4
July 3	....do.....	....do.....	....do.....	-	20.2
Aug. 28	....do.....	....do.....	....do.....	-	13.4
July 4	Five Mile Creek	....do.....	NE $\frac{1}{4}$ sec. 5, T. 17 S., R. 2 W., at Tarrant City, Ala.	26	14.2
July 4	Village Creek...	Black Warrior River.	NE $\frac{1}{4}$ sec. 31, T. 17 S., R. 3 W., at bridge on Avenue F in Ensley, Ala.	38.6	34.9
Oct. 3	Lost Creek....	Mulberry Fork...	NW $\frac{1}{4}$ sec. 21, T. 14 S., R. 8 W., 6 miles west of Jasper, Ala.	116	21.0
July 9	....do.....	....do.....	....do.....	-	9.68
July 9	Valley Creek...	Black Warrior River.	NW $\frac{1}{4}$ sec. 25, T. 18 S., R. 6 W., 2 miles east of Oak Grove, Ala.	148	106
Oct. 5	Yellow Creek...	....do.....	NE $\frac{1}{4}$ sec. 16, T. 20 S., R. 9 W., 8 miles northeast of Tuscaloosa, Ala.	24	7.72
Dec. 1	....do.....	....do.....	....do.....	-	11.1
Jan. 26	....do.....	....do.....	....do.....	-	21.9
Feb. 28	....do.....	....do.....	....do.....	-	43.5
Mar. 31	....do.....	....do.....	....do.....	-	52.6
May 24	....do.....	....do.....	....do.....	-	26.7
July 12	....do.....	....do.....	....do.....	-	11.9
Aug. 31	....do.....	....do.....	....do.....	-	7.55
Oct. 5	Hurricane Creek	....do.....	SE $\frac{1}{4}$ sec. 24, T. 21 S., R. 9 W., 1 $\frac{1}{2}$ miles northeast of Cottondale, Ala.	89	7.20
Oct. 30	....do.....	....do.....	....do.....	-	5.60
Dec. 1	....do.....	....do.....	....do.....	-	18.9
Jan. 16	....do.....	....do.....	....do.....	-	56.2
Mar. 2	....do.....	....do.....	....do.....	-	52.9
Mar. 31	....do.....	....do.....	....do.....	-	178
May 25	....do.....	....do.....	....do.....	89	49.8
July 13	....do.....	....do.....	....do.....	-	6.12
Aug. 31	....do.....	....do.....	....do.....	-	4.67
Feb. 14	....do.....	....do.....	SW $\frac{1}{4}$ sec. 14, T. 21 S., R. 9 W., 3 miles southeast of Holt, Ala.	111	819
May 15	....do.....	....do.....	....do.....	-	498
May 25	Cottondale Creek.	Hurricane Creek.	NE $\frac{1}{4}$ sec. 23, T. 21 S., R. 9 W., 1 mile north of Cottondale, Ala.	19	5.25
Aug. 31	....do.....	....do.....	....do.....	-	.75

Miscellaneous discharge measurements in the south Atlantic slope and eastern Gulf of Mexico basins during water year October 1944 to September 1945--Continued

Mobile River Basin--Continued

Date	Stream	Tributary to or diverting from--	Locality	Drainage area (sq.mi.)	Discharge (sec.-ft.)
Oct. 5	Cribbs Mill Creek.	Black Warrior River.	SE $\frac{1}{4}$ sec. 35, T. 21 S., R. 10 W., 2 miles south of Tuscaloosa, Ala.	11	4.98
July 13	.....do.....	.....do.....	.....do.....	-	6.54
Aug. 22	.....do.....	.....do.....	.....do.....	-	4.81
Oct. 6	Big Sandy Creek	.....do.....	NE $\frac{1}{4}$ sec. 14, T. 24 N., R. 6 E., $\frac{1}{2}$ mile southeast of Duncanville, Ala.	58	30.5
July 13	.....do.....	.....do.....	.....do.....	-	31.2
Oct. 6	Big Sandy Spring.	Big Sandy Creek.	N $\frac{1}{2}$ sec. 25, T. 22 S., R. 8 W., $4\frac{1}{2}$ miles south of Coaling, Ala.	-	16.2
July 13	.....do.....	.....do.....	.....do.....	-	14.4
Oct. 6	Big Creek.	Black Warrior River.	SE $\frac{1}{4}$ sec. 2, T. 21 N., R. 3 E., $\frac{1}{2}$ mile northeast of Wedgworth, Ala.	178	10.1
25	.....do.....	.....do.....	.....do.....	-	6.94
Nov. 30	.....do.....	.....do.....	.....do.....	-	520
Jan. 26	.....do.....	.....do.....	.....do.....	-	114
Feb. 14	.....do.....	.....do.....	.....do.....	-	832
15	.....do.....	.....do.....	.....do.....	-	794
Mar. 30	.....do.....	.....do.....	.....do.....	-	768
May 17	.....do.....	.....do.....	.....do.....	178	248
July 12	.....do.....	.....do.....	.....do.....	-	25.1
Aug. 23	.....do.....	.....do.....	.....do.....	1	12.3
Oct. 11	Cedar Creek.	Mobile River.	SW $\frac{1}{4}$ sec. 6, T. 1 N., R. 1 E., $\frac{3}{4}$ mile south of Mt. Vernon, Ala.	86	35.3
11	Chickasaw Creek	.....do.....	NW $\frac{1}{4}$ sec. 2, T. 3 S., R. 2 W. St. Stephens meridian, $\frac{1}{2}$ mile north of Kushla, Ala.	124	93.4

Pascagoula River Basin

Nov. 1	Sowashee Creek	Okatibbee Creek.	On line between sects. 23 and 24, T. 6 N., R. 15 E. Choctaw meridian, at 49th St. extension, 0.8 mile south of city limits of Meridian, Miss.	75	6.29
Sept. 27	Hassanlowaha Creek.	Chickasawhay River.	Sec. 32, T. 3 N., R. 14 E. Choctaw meridian, at bridge on U. S. Highway 11, $1\frac{1}{2}$ miles north of Pachuta, Miss.	174	20.9
Oct. 31	Black Creek....	Pascagoula River	NW $\frac{1}{4}$ sec. 15, T. 1 N., R. 12 W., St. Stephens meridian, at bridge on U. S. Highway 49, at Brooklyn, Miss.	352	86.6
Dec. 6	.....do.....	.....do.....	.....do.....	-	1,030
Jan. 16	.....do.....	.....do.....	.....do.....	-	461
Feb. 28	.....do.....	.....do.....	.....do.....	-	600
Apr. 13	.....do.....	.....do.....	.....do.....	-	260
13	.....do.....	.....do.....	NW $\frac{1}{4}$ sec. 1, T. 1 S., R. 11 W. St. Stephens meridian, at bridge on county road, $10\frac{1}{2}$ miles northeast of Higgins, Miss.	471	369
May 18	.....do.....	.....do.....	.....do.....	-	1,370
June 21	.....do.....	.....do.....	.....do.....	471	1,270
July 31	.....do.....	.....do.....	.....do.....	-	870
Sept. 21	.....do.....	.....do.....	.....do.....	-	140
21	Red Creek....	Black Creek....	NW $\frac{1}{4}$ sec. 18, T. 3 S., R. 11 W. St. Stephens meridian, at bridge on U. S. Highway 49, $\frac{1}{2}$ mile north of Perkinson, Miss.	218	108
Jan. 18	Escatawpa River	Pascagoula River	SW $\frac{1}{4}$ sec. 5, T. 1 S., R. 4 W. St. Stephens meridian, 12 miles southwest of Citronelle, Ala.	-	360
Mar. 6	.....do.....	.....do.....	.....do.....	-	326
Nov. 21	Big Creek.....	.....do.....	NW $\frac{1}{4}$ sec. 1, T. 4 S., R. 4 W. St. Stephens meridian, 7 miles south of Wilmer, Ala.	133	178
Jan. 19	.....do.....	.....do.....	.....do.....	-	258
Mar. 7	.....do.....	.....do.....	.....do.....	-	128

Tchoutacabouffa River Basin

Oct. 30	Luxachanie Creek.	Tchoutacabouffa River.	NW $\frac{1}{4}$ sec. 20, T. 6 S., R. 9 W. St. Stephens meridian, at bridge on State Highway 57, 7 miles north of Biloxi, Miss.	91	7.76
Dec. 9	.....do.....	.....do.....	.....do.....	-	459
Jan. 17	.....do.....	.....do.....	.....do.....	-	81.0
Mar. 1	.....do.....	.....do.....	.....do.....	-	105
Apr. 14	.....do.....	.....do.....	.....do.....	-	28.2
May 18	.....do.....	.....do.....	.....do.....	-	175
June 20	.....do.....	.....do.....	.....do.....	-	36.1
July 31	.....do.....	.....do.....	.....do.....	-	191
Sept. 20	.....do.....	.....do.....	.....do.....	-	30.0

Biloxi River Basin

Oct. 30	Biloxi River...	Gulf of Mexico..	NW $\frac{1}{4}$ sec. 31, T. 5 S., R. 11 W. St. Stephens meridian, at U. S. Highway 49, 1 mile north of Northam, Miss.	106	6.39
Dec. 9	.....do.....	.....do.....	.....do.....	-	466
Jan. 17	.....do.....	.....do.....	.....do.....	-	93.4
Mar. 1	.....do.....	.....do.....	.....do.....	-	151
Apr. 14	.....do.....	.....do.....	.....do.....	-	29.4

Miscellaneous discharge measurements in the south Atlantic slope and eastern Gulf of Mexico basins during water year October 1944 to September 1945--Continued

Biloxi River Basin--Continued

Date	Stream	Tributary to or diverting from--	Locality	Drainage area (sq.mi.)	Discharge (sec.-ft.)
May 17	Biloxi River...	Gulf of Mexico..	NW $\frac{1}{4}$ sec. 31, T. 5 S., R. 11 W. St. Stephens meridian, at U. S. Highway 49, 1 mile north of Wortham, Miss.	-	438
June 20	....do.....	....do.....	....do.....	-	147
July 31	....do.....	....do.....	....do.....	-	295
Sept. 21	....do.....	....do.....	....do.....	-	25.5

Pearl River Basin

Aug. 30	Pearl River....	Gulf of Mexico..	NE $\frac{1}{4}$ sec. 6, T. 11 N., R. 12 E. Choctaw meridian, at bridge on State Highway 15, 4 miles north of Philadelphia, Miss.	524	2.84
July 17	Kentawka Creek.	Pearl River.....	NW $\frac{1}{4}$ sec. 35, T. 11 N., R. 11 E. Choctaw meridian, at bridge on State Highway 16, 1 $\frac{1}{2}$ miles west of Philadelphia, Miss.	135	7.85
Aug. 30	....do.....	....do.....	....do.....	-	3.64
Feb. 13	Lobutchka Creek.	....do.....	E $\frac{1}{2}$ sec. 34, T. 11 N., R. 8 E. Choctaw meridian, at bridge on State Highway 16, 4 $\frac{1}{2}$ miles east of Carthage, Miss.	253	1,560
22	....do.....	....do.....	....do.....	-	12,300
24	....do.....	....do.....	....do.....	-	5,020
Mar. 19	....do.....	....do.....	....do.....	-	2,100
Aug. 13	Pelahatchie Creek.	....do.....	SW $\frac{1}{4}$ sec. 32, T. 6 N., R. 5 E. Choctaw meridian, at bridge on U. S. Highway 80, 0.6 mile west of Pelahatchie, Miss.	34	1.0
Sept. 19	Copiah Creek...	....do.....	SE $\frac{1}{4}$ sec. 27, T. 1 N., R. 1 W. Choctaw meridian, at bridge on State Highway 20, 6 $\frac{1}{2}$ miles east of Hazlehurst, Miss.	45	11.6
18	Silver Creek...	....do.....	NE $\frac{1}{4}$ sec. 3, T. 7 N., R. 20 W. St. Stephens meridian, at bridge on U. S. Highway 84, at Silver Creek, Miss.	94	104
Aug. 15	Bogue Chitto...do.....	SW $\frac{1}{4}$ sec. 26, T. 7 N., R. 7 E. Washington meridian, at bridge on U. S. Highway 84, 2 $\frac{1}{2}$ miles southwest of Brookhaven, Miss.	30	4.28
Sept. 10do.....do.....do.....	-	2.91

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