

DAILY DISCHARGE FOR 1994

MISSISSIPPI RIVER AT HICKMAN, KY.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	355	848	1051	954	1056	384	462	352	262	265	229	406
2	356	869	1036	987	1041	378	460	354	262	258	224	422
3	361	876	1024	1005	1033	360	451	341	257	259	225	428
4	366	873	1019	1009	1021	354	436	311	259	265	239	423
5	366	872	1012	1012	1006	343	422	303	262	270	274	408
6	374	875	1002	1021	978	326	408	304	267	268	307	407
7	392	878	987	1028	936	316	384	303	257	258	308	421
8	419	874	979	1033	886	336	356	289	239	248	297	428
9	452	861	984	1036	841	359	342	288	243	229	313	444
10	487	831	989	1032	818	378	352	297	228	213	326	480
11	524	795	1003	1035	814	390	356	293	219	220	345	511
12	564	771	1026	1064	824	390	346	265	215	220	366	528
13	599	775	1043	1129	838	377	335	252	210	210	365	544
14	621	791	1043	1204	848	373	352	241	208	214	345	559
15	620	816	1037	1273	852	366	363	227	212	223	328	566
16	595	841	1030	1328	844	366	364	239	214	229	323	563
17	566	861	1024	1350	811	377	348	260	212	235	311	533
18	544	874	1027	1337	759	378	337	279	205	241	307	489
19	523	876	1026	1324	701	375	354	292	202	243	310	443
20	493	881	1014	1322	648	375	352	317	201	242	289	412
21	458	890	997	1314	604	368	351	327	205	242	263	395
22	426	899	956	1290	558	365	350	341	217	244	263	377
23	405	920	891	1258	505	364	333	365	217	237	279	356
24	410	947	824	1230	465	356	322	378	212	226	307	343
25	418	985	745	1209	439	352	313	373	202	223	323	317
26	447	1032	684	1196	418	355	313	362	199	230	324	300
27	503	1064	670	1182	399	377	329	344	209	232	312	297
28	608	1067	708	1160	395	410	332	310	237	232	308	292
29	710	----	779	1123	397	438	322	280	258	233	349	275
30	777	----	847	1085	394	454	320	262	264	234	382	261
31	820	----	905	----	387	----	341	257	----	232	----	249
MEAN	502	884	947	1151	726	371	361	303	229	238	305	415
MAX	820	1067	1051	1350	1056	454	462	378	267	270	382	566
MIN	355	771	670	954	387	316	313	227	199	210	224	249

THE MEAN FLOW FOR THE YEAR 533
 HIGHEST FLOW WAS 1352 17 APR 1994
 LOWEST FLOW WAS 197 26 SEP 1994

DAILY DISCHARGE FOR 1993

MISSISSIPPI RIVER AT HICKMAN, KY.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	675	798	701	1085	973	516	587	996	597	836	374	600
2	656	742	684	1095	981	508	603	1003	579	848	364	593
3	656	675	665	1109	993	506	612	1003	576	843	361	599
4	665	624	638	1119	1005	505	636	997	577	835	362	627
5	729	586	651	1122	1025	503	670	982	572	819	366	669
6	819	547	750	1121	1039	521	709	980	584	794	365	691
7	885	507	850	1118	1039	534	750	984	594	766	357	718
8	933	475	925	1117	1025	546	790	983	599	734	349	746
9	952	457	983	1127	1003	567	811	976	589	698	364	755
10	950	448	1029	1135	977	613	826	969	585	637	362	758
11	932	441	1068	1129	947	647	840	954	581	585	345	764
12	914	437	1093	1110	902	654	848	934	569	531	336	770
13	894	440	1116	1086	855	645	855	922	557	495	327	772
14	872	447	1128	1056	829	646	872	917	542	458	324	766
15	851	455	1134	1032	811	656	883	910	545	435	398	750
16	829	469	1136	1020	799	651	885	902	542	420	542	715
17	819	484	1130	1020	788	648	889	896	539	414	675	665
18	815	496	1089	1030	776	633	897	888	549	411	762	608
19	810	503	1025	1044	773	599	910	878	568	407	811	561
20	800	512	948	1061	785	566	932	861	581	402	851	530
21	789	528	875	1064	791	540	953	847	586	416	870	506
22	777	562	822	1050	778	534	972	824	589	454	869	485
23	759	586	799	1033	744	525	980	785	591	468	848	469
24	762	613	810	1014	713	519	981	757	619	469	818	457
25	776	644	845	994	683	526	982	737	652	463	790	444
26	794	670	897	971	647	541	957	714	688	448	762	428
27	823	690	953	955	609	540	942	688	722	432	728	419
28	844	702	999	949	577	550	958	671	758	416	686	399
29	851		1035	955	558	559	969	642	794	401	644	367
30	839		1063	965	546	572	972	626	821	400	617	343
31	822		1077		521		982	612		391		334
MEAN	815	554	932	1056	822	569	853	865	608	552	554	590
MAX	952	798	1136	1135	1039	656	982	1003	821	848	870	772
MIN	656	437	638	949	521	503	587	612	539	391	324	334
TOTAL DISCHARGE FOR YEAR WAS				267593	MEAN DISCHARGE FOR YEAR WAS				733			

MAXIMUM DISCHARGE WAS 1139,169 CFS ON MAR. 17.
 MINIMUM DISCHARGE WAS 318,533 CFS ON NOV. 14.

DAILY DISCHARGE FOR 1992

7

MISSISSIPPI RIVER AT HICKMAN, KY.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	484	374	567	610	675	268	263	671	335	393	221	818
2	485	353	589	635	629	280	262	670	341	364	224	804
3	492	333	601	642	584	287	256	660	329	324	234	775
4	503	314	595	634	543	288	261	653	299	290	243	735
5	520	288	569	601	510	287	304	641	262	271	265	673
6	551	275	532	567	484	300	324	616	245	260	288	607
7	568	270	483	537	468	299	338	581	234	241	323	555
8	564	264	438	504	460	304	334	537	239	226	354	514
9	554	253	423	468	449	321	320	489	261	227	376	486
10	533	242	440	442	434	328	307	466	266	230	386	458
11	500	239	507	416	419	337	305	470	265	225	389	433
12	470	239	613	392	416	342	320	457	285	219	404	417
13	451	237	685	371	427	346	352	438	309	215	440	417
14	429	227	730	347	424	348	364	424	324	209	469	424
15	400	228	749	337	403	333	354	402	325	213	504	433
16	401	270	756	338	373	299	356	371	317	236	537	452
17	431	309	741	344	328	263	379	353	305	246	557	515
18	453	341	715	354	306	256	435	342	288	255	557	603
19	446	373	703	377	296	253	504	337	280	263	545	666
20	425	401	698	423	285	299	537	328	285	263	527	729
21	394	421	706	492	277	362	547	323	296	279	521	786
22	355	443	734	568	276	392	545	302	330	286	523	834
23	328	466	768	615	281	375	523	267	359	273	585	862
24	309	481	796	664	284	345	505	245	375	259	694	872
25	305	494	811	707	287	324	497	240	411	242	773	861
26	312	495	807	734	282	291	496	245	440	237	819	831
27	333	491	786	746	275	275	503	247	460	244	844	797
28	375	507	747	750	265	285	506	244	464	243	846	774
29	414	537	682	739	251	284	537	252	442	235	838	753
30	424		616	716	244	269	596	265	417	229	827	734
31	403		591		255		653	304		226		711
MEAN	439	350	650	535	383	308	412	414	326	255	503	655
MAX	568	537	811	750	675	392	653	671	464	393	846	872
MIN	305	227	423	337	244	253	256	240	234	209	221	417
TOTAL DISCHARGE FOR YEAR WAS					159933	MEAN DISCHARGE FOR YEAR WAS					436	

MAXIMUM DISCHARGE WAS 873,568 CFS ON DEC. 24.
 MINIMUM DISCHARGE WAS 206,421 CFS ON OCT. 14.

DAILY DISCHARGE FOR 1992

7

MISSISSIPPI RIVER AT HICKMAN, KY.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	484	374	567	610	675	268	263	671	335	393	221	818
2	485	353	589	635	629	280	262	670	341	364	224	804
3	492	333	601	642	584	287	256	660	329	324	234	775
4	503	314	595	634	543	288	261	653	299	290	243	735
5	520	288	569	601	510	287	304	641	262	271	265	673
6	551	275	532	567	484	300	324	616	245	260	288	607
7	568	270	483	537	468	299	338	581	234	241	323	555
8	564	264	438	504	460	304	334	537	239	226	354	514
9	554	253	423	468	449	321	320	489	261	227	376	486
10	533	242	440	442	434	328	307	466	266	230	386	458
11	500	239	507	416	419	337	305	470	265	225	389	433
12	470	239	613	392	416	342	320	457	285	219	404	417
13	451	237	685	371	427	346	352	438	309	215	440	417
14	429	227	730	347	424	348	364	424	324	209	469	424
15	400	228	749	337	403	333	354	402	325	213	504	433
16	401	270	756	338	373	299	356	371	317	236	537	452
17	431	309	741	344	328	263	379	353	305	246	557	515
18	453	341	715	354	306	256	435	342	288	255	557	603
19	446	373	703	377	296	253	504	337	280	263	545	666
20	425	401	698	423	285	299	537	328	285	263	527	729
21	394	421	706	492	277	362	547	323	296	279	521	786
22	355	443	734	568	276	392	545	302	330	286	523	834
23	328	466	768	615	281	375	523	267	359	273	585	862
24	309	481	796	664	284	345	505	245	375	259	694	872
25	305	494	811	707	287	324	497	240	411	242	773	861
26	312	495	807	734	282	291	496	245	440	237	819	831
27	333	491	786	746	275	275	503	247	460	244	844	797
28	375	507	747	750	265	285	506	244	464	243	846	774
29	414	537	682	739	251	284	537	252	442	235	838	753
30	424		616	716	244	269	596	265	417	229	827	734
31	403		591		255		653	304		226		711
MEAN	439	350	650	535	383	308	412	414	326	255	503	655
MAX	568	537	811	750	675	392	653	671	464	393	846	872
MIN	305	227	423	337	244	253	256	240	234	209	221	417
TOTAL DISCHARGE FOR YEAR WAS 159933												
MEAN DISCHARGE FOR YEAR WAS 436												

MAXIMUM DISCHARGE WAS 873,568 CFS ON DEC. 24.
 MINIMUM DISCHARGE WAS 206,421 CFS ON OCT. 14.

DAILY DISCHARGE FOR 1991

7

MISSISSIPPI RIVER AT HICKMAN, KY.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1330	483	1055	1017	679	768	346	236	159	184	198	318
2	1359	485	1038	1041	674	700	327	230	161	181	198	374
3	1366	490	1001	1052	671	638	329	224	167	176	202	484
4	1347	488	936	1047	649	600	317	207	164	171	213	631
5	1329	483	857	1032	627	581	310	209	165	172	227	742
6	1318	506	795	1006	611	553	309	209	177	171	229	811
7	1310	547	753	969	623	534	304	204	183	189	228	853
8	1297	590	734	910	645	516	299	200	166	206	235	875
9	1279	644	727	827	663	497	279	200	155	210	243	882
10	1277	695	719	747	665	473	292	212	154	204	243	878
11	1281	723	720	683	682	450	322	228	159	196	236	863
12	1285	732	725	642	686	423	346	225	167	191	229	819
13	1275	743	728	627	692	412	364	222	186	179	225	752
14	1268	764	720	644	697	411	361	220	177	170	224	713
15	1253	778	706	687	680	431	339	219	174	161	230	700
16	1230	786	699	736	668	431	326	212	183	153	233	706
17	1200	789	701	784	665	419	327	204	195	148	227	716
18	1165	780	711	836	645	424	315	207	200	146	225	718
19	1120	801	728	878	623	439	287	208	200	141	223	705
20	1072	871	741	912	611	446	281	206	200	139	224	667
21	1028	942	746	932	599	446	272	208	201	138	252	611
22	981	1002	760	942	578	442	256	219	202	138	287	554
23	929	1039	802	946	559	447	243	207	202	139	303	518
24	874	1063	835	941	553	438	237	191	195	139	344	489
25	826	1077	857	909	550	427	235	192	192	139	378	472
26	773	1078	877	851	551	415	237	193	195	145	398	473
27	715	1074	896	778	585	401	234	193	207	150	392	488
28	657	1065	917	714	668	397	229	189	206	155	365	502
29	601		938	686	763	390	229	184	193	161	327	504
30	549		960	682	825	376	234	177	188	173	308	496
31	505		986		822		240	165		188		490
MEAN	1090	768	818	848	651	477	291	206	182	166	261	638
MAX	1366	1078	1055	1052	825	768	364	236	207	210	398	882
MIN	505	483	699	627	550	376	229	165	154	138	198	318
TOTAL DISCHARGE FOR YEAR WAS 194379 MEAN DISCHARGE FOR YEAR WAS 532												

MAXIMUM DISCHARGE WAS 1,369,201 CFS ON JAN. 3.
 MINIMUM DISCHARGE WAS 137,468 CFS ON OCT. 20.

DAILY DISCHARGE FOR 1990

7

MISSISSIPPI RIVER AT HICKMAN, KY.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	216	613	1006	586	447	1081	592	380	376	217	372	328
2	283	655	937	551	431	1078	579	391	364	199	327	343
3	373	714	839	525	439	1075	555	406	359	188	279	355
4	468	789	726	507	457	1068	543	394	343	185	256	376
5	531	876	646	481	479	1050	536	378	333	189	254	427
6	579	937	602	457	498	1024	519	380	324	214	251	490
7	612	972	580	446	565	992	508	378	339	236	256	525
8	636	985	562	433	646	958	494	383	336	242	258	542
9	651	987	549	422	693	933	487	393	315	240	252	552
10	648	989	533	415	696	915	482	392	313	252	256	548
11	625	998	522	436	673	894	468	379	324	293	263	535
12	590	1014	513	457	632	857	457	352	315	308	281	502
13	542	1028	513	473	595	819	470	336	283	313	306	457
14	506	1037	535	487	576	792	474	323	269	305	323	415
15	488	1054	559	498	584	766	478	304	276	314	334	385
16	472	1095	578	514	611	730	482	291	277	341	331	368
17	442	1123	646	536	687	672	501	290	263	373	320	368
18	403	1137	741	553	805	633	524	287	258	395	309	403
19	381	1149	815	546	904	625	529	275	255	403	294	520
20	417	1153	856	521	992	636	526	280	252	399	262	673
21	491	1143	880	497	1066	644	524	291	259	381	238	786
22	543	1132	892	485	1104	633	522	319	264	365	233	908
23	591	1129	892	491	1107	618	515	341	256	368	233	1021
24	629	1122	877	511	1098	610	498	363	245	377	233	1103
25	653	1111	852	520	1078	618	491	379	241	392	253	1169
26	663	1104	804	527	1063	628	498	391	247	398	268	1220
27	663	1088	735	524	1054	637	502	392	250	401	269	1258
28	656	1054	668	519	1050	632	491	395	245	405	272	1286
29	639		620	507	1056	619	470	390	240	408	284	1314
30	615		603	480	1067	610	438	369	228	417	307	1366
31	603		599		1077		402	369		405		1427
MEAN	535	1006	699	496	781	794	501	354	288	320	279	708
MAX	663	1153	1006	586	1107	1081	592	406	376	417	372	1427
MIN	216	613	513	415	431	610	402	275	228	185	233	328
TOTAL DISCHARGE FOR YEAR WAS	204921					MEAN DISCHARGE FOR YEAR WAS					561	

MAXIMUM DISCHARGE WAS 1,454,815 CFS ON DEC. 31.
 MINIMUM DISCHARGE WAS 183,515 CFS ON OCT. 3.

DAILY DISCHARGE FOR 1989

7

MISSISSIPPI RIVER AT HICKMAN, KY.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	672	374	1120	771	391	548	600	277	307	383	269	338
2	647	380	1104	775	439	543	577	277	309	377	248	337
3	612	425	1080	790	481	525	621	273	326	403	245	331
4	572	510	1047	852	517	488	652	255	350	445	249	323
5	533	563	1014	932	561	458	644	231	346	434	254	311
6	507	590	985	1008	585	442	622	227	319	450	257	291
7	501	608	965	1060	571	448	604	234	303	457	256	274
8	520	625	949	1083	571	462	578	232	290	447	261	259
9	547	625	943	1081	571	479	549	244	284	426	259	252
10	565	614	943	1068	572	487	522	251	282	396	263	253
11	586	578	937	1049	580	492	494	226	311	366	282	255
12	623	516	927	1042	593	498	463	192	372	321	298	259
13	670	467	918	1039	607	516	442	179	392	288	314	265
14	733	532	917	1027	612	548	429	167	441	273	321	265
15	793	703	916	1005	615	582	414	161	495	265	327	257
16	843	876	902	965	616	611	403	161	487	252	328	248
17	880	939	885	910	617	642	398	161	476	247	349	242
18	898	945	847	825	621	665	357	173	472	236	404	239
19	896	941	789	715	616	678	300	178	474	283	444	229
20	895	948	716	611	602	691	271	182	488	308	476	209
21	880	973	658	525	574	706	271	188	491	358	509	199
22	860	1015	642	467	554	722	279	201	470	423	533	212
23	826	1069	665	432	546	740	282	226	434	475	535	210
24	744	1118	690	414	542	754	290	253	413	509	511	207
25	613	1143	707	395	528	759	302	267	406	527	475	205
26	491	1144	719	378	506	747	294	280	414	525	439	194
27	413	1140	724	355	490	725	284	299	436	488	404	187
28	375	1131	721	331	483	700	279	327	451	417	379	175
29	363		714	330	496	681	260	348	443	352	358	175
30	363		714	350	514	646	250	354	411	308	343	183
31	368		749		533		268	325		283		188
MEAN	638	767	858	752	551	599	419	237	396	378	353	244
MAX	898	1144	1120	1083	621	759	652	354	495	527	535	338
MIN	363	374	642	330	391	442	250	161	282	247	245	175
TOTAL DISCHARGE FOR YEAR WAS				187705	MEAN DISCHARGE FOR YEAR WAS				514			

MAXIMUM DISCHARGE WAS 1,146,052 CFS ON FEB. 25.
 MINIMUM DISCHARGE WAS 158,331 CFS ON AUG. 14.

DAILY DISCHARGE FOR 1988

7

MISSISSIPPI RIVER AT HICKMAN, KY.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	875	422	452	513	303	195	112	113	127	172	129	457
2	830	468	414	565	289	170	109	107	125	165	127	414
3	764	603	380	577	280	159	104	105	119	153	135	377
4	689	717	367	575	280	158	101	102	120	139	141	344
5	616	759	388	577	280	161	99	104	121	130	144	322
6	564	774	438	610	276	161	99	114	121	130	158	308
7	513	783	506	646	271	159	98	131	121	135	170	282
8	455	783	563	668	273	151	97	129	123	138	187	251
9	398	781	615	675	282	146	97	117	130	142	203	224
10	345	782	656	683	292	142	97	106	132	138	219	221
11	301	784	667	682	298	139	94	100	124	128	223	222
12	288	773	653	674	294	137	93	101	114	114	220	216
13	283	740	605	666	288	132	94	106	106	108	228	219
14	285	670	550	663	284	128	94	111	104	104	229	213
15	288	585	524	649	271	122	96	114	106	107	226	193
16	281	515	516	615	263	119	102	120	119	119	224	173
17	274	486	509	557	255	116	104	118	133	134	225	167
18	277	475	504	512	239	115	103	111	128	133	236	148
19	290	466	492	483	229	116	107	114	113	131	254	133
20	394	462	447	464	226	116	123	127	119	129	315	130
21	591	470	406	458	225	116	165	135	141	125	428	132
22	732	482	382	446	229	114	190	136	159	126	521	141
23	790	508	350	427	239	110	204	128	160	140	574	169
24	794	541	324	406	246	109	187	120	152	152	597	203
25	781	557	310	387	254	107	152	118	154	149	612	235
26	765	558	294	360	257	105	125	118	161	145	613	293
27	736	550	293	348	252	99	135	116	168	143	618	408
28	700	526	303	337	246	100	142	116	170	149	597	526
29	616	489	317	323	242	104	137	118	170	152	550	620
30	530		347	309	236	108	130	121	171	147	502	662
31	457		421		223		118	126		135		667
MEAN	532	603	451	528	262	130	119	116	133	135	320	292
MAX	875	784	667	683	303	195	204	136	171	172	618	667
MIN	274	422	293	309	223	99	93	100	104	104	127	130
TOTAL DISCHARGE FOR YEAR WAS				110103	MEAN DISCHARGE FOR YEAR WAS				300			

MAXIMUM DISCHARGE WAS 889,781 CFS ON JAN. 1.
 MINIMUM DISCHARGE WAS 92,664 CFS ON JUL. 12.

DAILY DISCHARGE FOR 1987

7

MISSISSIPPI RIVER AT HICKMAN, KY.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	550	371	708	537	568	393	250	219	324	198	158	283
2	531	378	783	585	557	423	244	243	325	199	163	285
3	486	398	832	615	534	436	247	251	316	196	172	302
4	442	423	860	637	508	434	266	233	310	192	165	321
5	413	447	884	656	474	427	289	241	292	189	162	328
6	391	468	896	661	443	414	322	249	273	187	165	323
7	377	473	884	666	422	400	355	247	252	190	169	308
8	365	469	855	659	422	380	390	253	236	188	173	293
9	355	465	824	644	427	356	433	243	221	182	178	288
10	343	455	777	630	421	325	456	218	221	181	183	281
11	324	439	717	625	402	312	444	199	238	180	187	271
12	308	423	647	635	374	307	425	200	238	181	201	263
13	310	409	585	650	349	303	414	201	228	184	198	267
14	312	399	539	672	320	314	414	195	213	181	179	281
15	311	387	515	722	305	319	425	188	203	175	177	290
16	311	381	502	801	301	309	426	188	225	172	180	304
17	305	376	479	884	289	289	422	195	231	171	192	316
18	303	373	457	933	280	282	411	208	226	170	194	314
19	308	371	438	945	281	283	390	217	218	168	197	311
20	341	369	421	939	278	281	362	232	218	167	200	319
21	382	378	421	932	276	263	332	253	226	166	201	335
22	428	394	447	925	282	246	306	258	243	163	188	367
23	465	409	487	908	297	252	279	252	269	164	179	415
24	493	433	508	890	320	262	255	256	281	166	186	460
25	515	459	507	861	351	274	240	255	277	167	198	505
26	526	484	482	802	369	284	231	235	262	168	209	625
27	525	524	462	718	370	289	224	218	241	171	217	757
28	496	599	453	633	364	283	214	211	222	169	221	854
29	443		457	583	347	266	212	212	205	165	242	925
30	408		475	570	347	253	226	228	199	161	269	941
31	383		496		371		224	275		159		926
MEAN	401	426	606	730	375	321	326	228	247	176	190	421
MAX	550	599	896	945	568	436	456	275	325	199	269	941
MIN	303	369	421	537	276	246	212	188	199	159	158	263
TOTAL DISCHARGE FOR YEAR WAS				135293	MEAN DISCHARGE FOR YEAR WAS				370			

MAXIMUM DISCHARGE WAS 945,837 CFS ON APR. 19.

MINIMUM DISCHARGE WAS 157,161 CFS ON NOV. 1.

DAILY DISCHARGE FOR 1986

7

MISSISSIPPI RIVER AT HICKMAN, KY.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	382	363	680	535	404	623	304	307	211	489	530	808
2	356	337	647	507	385	593	316	295	210	503	529	819
3	349	349	615	477	375	571	328	278	210	528	528	819
4	344	464	579	453	387	546	369	276	200	566	527	834
5	336	563	553	442	402	520	401	274	215	624	524	844
6	332	641	532	432	408	500	430	269	241	686	513	838
7	331	720	498	418	407	491	462	260	251	746	509	819
8	326	776	465	426	397	500	483	252	249	798	505	808
9	315	807	435	449	392	515	467	250	238	835	518	807
10	298	828	417	468	397	552	425	257	221	856	566	811
11	280	837	417	476	405	601	426	258	198	864	613	837
12	268	849	429	475	410	601	462	257	196	863	657	856
13	263	848	464	474	407	575	496	255	212	853	695	859
14	260	843	520	470	409	550	531	254	214	830	710	845
15	255	829	603	467	428	532	571	243	199	804	707	822
16	249	806	678	463	500	514	595	229	200	778	684	805
17	242	784	737	457	574	507	605	232	220	747	645	799
18	239	756	779	453	584	500	604	239	231	723	590	788
19	241	731	818	452	568	479	586	266	248	707	534	758
20	245	712	849	452	553	444	556	282	259	684	492	697
21	260	708	858	460	550	422	520	279	258	654	465	629
22	280	708	853	477	559	412	475	272	256	623	453	584
23	324	718	851	482	586	390	434	263	284	601	448	549
24	355	733	864	479	618	362	402	258	328	574	459	517
25	379	727	870	479	650	344	379	246	357	555	486	498
26	405	708	850	480	670	319	357	231	393	544	491	490
27	426	698	800	478	681	303	348	226	426	536	530	485
28	441	691	723	471	674	296	335	213	449	527	605	492
29	436		656	460	662	292	320	212	475	506	699	509
30	411		605	436	664	300	313	220	483	512	768	532
31	388		567		651		308	219		524		548
MEAN	323	697	652	464	508	471	438	253	271	665	566	713
MAX	441	849	870	535	681	623	605	307	483	864	768	859
MIN	239	337	417	418	375	292	304	212	196	489	448	485
TOTAL DISCHARGE FOR YEAR WAS				182959	MEAN DISCHARGE FOR YEAR WAS				501			

MAXIMUM DISCHARGE WAS 872,365 CFS ON MAR. 25.
 MINIMUM DISCHARGE WAS 191,571 CFS ON SEP. 12.

DAILY DISCHARGE FOR 1985

7

MISSISSIPPI RIVER AT HICKMAN, KY.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	855	270	1195	844	481	375	297	221	283	221	393	1017
2	934	282	1222	935	496	361	282	222	273	228	392	1027
3	989	336	1245	980	529	358	266	245	255	232	379	1040
4	1027	397	1247	1008	567	367	284	245	237	233	402	1078
5	1045	461	1253	1024	616	389	289	240	231	262	432	1092
6	1014	497	1246	1035	646	410	289	263	297	274	450	1081
7	958	526	1231	1039	641	427	292	240	255	277	462	1066
8	905	511	1222	1036	622	446	267	221	229	269	475	1058
9	865	496	1216	1032	594	447	281	218	218	263	500	1056
10	833	481	1205	1018	561	446	268	222	211	250	511	1045
11	808	476	1179	997	514	454	287	221	205	249	538	1035
12	782	518	1166	960	454	469	301	228	195	240	574	1025
13	739	541	1143	913	418	507	303	219	189	247	606	1012
14	666	576	1122	857	399	518	301	214	179	306	634	1014
15	601	606	1103	809	387	484	305	202	183	383	645	988
16	557	611	1089	760	391	447	287	212	180	424	671	938
17	503	596	1078	720	425	422	261	241	171	439	730	885
18	456	588	1066	672	434	406	258	286	169	438	788	851
19	431	575	1053	630	439	396	256	316	180	428	858	831
20	411	553	1039	595	434	414	258	305	181	410	915	817
21	392	539	1023	575	423	427	244	326	180	411	968	804
22	382	544	996	554	421	424	220	324	186	449	1010	780
23	373	592	944	523	430	407	210	305	191	469	1052	724
24	354	748	872	503	426	371	206	284	199	473	1074	667
25	328	912	785	486	407	337	204	321	194	474	1088	609
26	310	1010	719	465	391	337	200	317	197	461	1064	583
27	302	1091	667	467	378	332	193	303	202	428	1037	527
28	294	1151	641	493	393	330	197	314	208	393	1014	494
29	286		640	471	412	337	201	311	218	368	1003	482
30	280		644	474	416	313	219	289	217	366	1012	442
31	271		719		404		211	267		395		411
MEAN	611	588	1031	762	469	405	256	262	210	347	722	854
MAX	1045	1151	1253	1039	646	518	305	326	297	474	1088	1092
MIN	271	270	640	465	378	313	193	202	169	221	379	411
TOTAL DISCHARGE FOR YEAR WAS				198295	MEAN DISCHARGE FOR YEAR WAS				543			

MAXIMUM DISCHARGE WAS 1,253,361 CFS ON MAR. 5.
 MINIMUM DISCHARGE WAS 168,588 CFS ON SEP. 18.

DAILY DISCHARGE FOR 1984

7

MISSISSIPPI RIVER AT HICKMAN, KY.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	471	459	778	1171	1136	821	614	362	209	176	416	630
2	485	436	789	1171	1136	800	604	345	216	177	472	639
3	493	414	806	1171	1136	790	599	331	227	188	549	637
4	481	392	824	1172	1144	777	597	320	242	191	597	625
5	459	385	857	1176	1159	757	612	316	239	188	636	604
6	435	397	890	1185	1181	723	637	310	210	189	656	565
7	413	402	914	1192	1219	674	645	314	206	194	658	513
8	401	401	922	1189	1277	622	643	309	199	195	632	470
9	393	401	911	1183	1321	574	645	286	182	196	593	442
10	389	401	884	1176	1362	529	648	284	171	194	554	417
11	397	398	852	1166	1388	494	645	281	204	191	530	395
12	403	396	815	1159	1405	489	634	274	225	193	526	378
13	402	429	762	1154	1409	503	613	283	232	191	539	376
14	393	487	684	1150	1412	522	596	287	240	189	549	397
15	381	541	604	1139	1406	542	578	314	229	194	551	435
16	364	616	563	1118	1416	549	564	332	200	197	547	462
17	358	690	573	1087	1423	555	550	330	193	198	525	480
18	351	735	638	1040	1413	561	528	332	206	209	479	507
19	343	772	714	976	1400	560	501	337	213	224	452	535
20	338	805	795	907	1379	561	484	322	219	256	469	552
21	334	833	864	867	1338	576	471	293	213	284	520	580
22	326	861	928	844	1269	593	467	275	193	343	567	670
23	312	879	979	854	1197	606	450	262	181	405	594	726
24	300	885	1015	907	1133	619	423	241	207	432	596	761
25	309	874	1027	978	1070	620	393	223	224	426	572	784
26	344	845	1029	1047	1017	619	383	227	250	419	528	799
27	378	812	1045	1097	965	615	382	220	250	415	482	804
28	414	788	1074	1124	923	618	377	216	219	401	476	802
29	447	777	1110	1133	894	623	373	220	200	387	526	793
30	469		1140	1138	878	625	371	216	190	383	593	786
31	471		1162		850		375	212		399		794
MEAN	395	603	869	1089	1214	617	529	286	212	265	546	592
MAX	493	885	1162	1192	1423	821	648	362	250	432	658	804
MIN	300	385	563	844	850	489	371	212	171	176	416	376
TOTAL DISCHARGE FOR YEAR WAS				220188	MEAN DISCHARGE FOR YEAR WAS				601			

MAXIMUM DISCHARGE WAS 1,427,525 CFS ON MAY 17.
 MINIMUM DISCHARGE WAS 168,122 CFS ON SEP. 10.

EOF

DAILY DISCHARGE FOR 1983

7

MISSISSIPPI RIVER AT HICKMAN, KY.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1060	432	507	659	1083	1376	423	296	230	203	272	799
2	1052	435	493	679	1154	1327	436	287	224	209	257	822
3	1049	445	474	711	1266	1259	455	279	231	206	248	836
4	1035	479	450	745	1372	1175	499	278	224	206	239	863
5	1010	529	434	779	1429	1066	510	280	190	202	243	907
6	956	572	434	831	1464	985	517	273	180	192	266	946
7	909	594	486	934	1473	921	518	277	172	186	304	966
8	840	614	549	1040	1486	875	505	274	175	193	345	967
9	763	622	585	1131	1475	842	499	274	199	184	355	937
10	693	622	610	1204	1450	801	493	267	220	178	345	898
11	641	610	631	1243	1446	742	472	263	207	174	323	857
12	603	595	637	1280	1441	671	473	249	194	172	311	837
13	557	577	635	1292	1429	606	460	246	173	171	313	824
14	522	560	627	1307	1407	561	444	250	163	175	335	831
15	496	552	621	1325	1406	530	428	243	168	184	373	851
16	474	545	607	1326	1411	503	419	240	176	177	392	861
17	462	537	589	1318	1402	484	408	243	166	175	395	849
18	442	525	579	1302	1392	467	390	237	159	196	386	823
19	415	508	562	1281	1408	471	380	231	161	193	371	796
20	391	502	551	1260	1392	481	393	221	164	196	385	758
21	373	523	553	1249	1382	488	393	227	166	207	418	705
22	351	538	579	1244	1384	505	382	221	170	245	451	654
23	354	537	618	1233	1392	528	370	216	160	316	472	615
24	382	516	659	1215	1404	534	360	226	179	363	507	577
25	427	513	686	1181	1408	525	379	227	179	400	556	565
26	466	517	681	1142	1416	510	383	227	170	425	622	540
27	485	518	673	1101	1425	495	414	224	176	434	661	524
28	488	516	673	1058	1429	466	417	223	188	429	664	513
29	473		666	1016	1429	444	392	221	196	409	692	501
30	455		648	1025	1416	436	322	228	202	356	746	490
31	439		648		1399		307	236		299		474
MEAN	614	536	585	1103	1395	702	427	247	185	246	408	754
MAX	1060	622	686	1326	1486	1376	518	296	231	434	746	967
MIN	351	432	434	659	1083	436	307	216	159	171	239	474
TOTAL DISCHARGE FOR YEAR WAS				219471	MEAN DISCHARGE FOR YEAR WAS				601			

MAXIMUM DISCHARGE WAS 1,485,945 CFS ON MAY 8.
 MINIMUM DISCHARGE WAS 159,031 CFS ON SEP. 18.

DAILY DISCHARGE FOR 1982

7

MISSISSIPPI RIVER AT HICKMAN, KY.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	440	868	992	1056	540	634	366	356	355	236	238	565
2	400	920	967	1001	537	700	377	351	392	232	240	587
3	383	942	916	944	526	760	409	343	431	220	244	612
4	376	933	895	894	503	807	420	342	498	208	258	722
5	465	912	839	845	483	810	435	326	541	209	275	857
6	568	890	781	827	474	794	467	317	552	213	309	947
7	636	878	725	813	472	745	507	320	500	214	308	1019
8	669	858	683	798	470	746	555	318	436	214	302	1074
9	684	846	661	788	468	746	587	313	391	217	304	1097
10	686	832	643	770	460	761	586	332	338	222	303	1079
11	675	834	631	728	445	773	565	354	301	230	282	1066
12	658	835	619	694	453	779	556	353	277	243	262	1053
13	625	815	606	661	460	779	556	347	266	257	250	1014
14	551	802	587	638	452	780	524	341	274	268	254	976
15	471	770	655	609	440	775	486	317	291	306	258	950
16	414	735	720	585	413	765	467	274	293	299	273	925
17	361	710	798	574	387	748	446	255	304	276	306	895
18	314	685	865	587	368	724	437	327	320	282	336	872
19	285	689	934	615	372	713	436	382	337	282	342	861
20	274	732	994	646	403	701	440	391	338	282	349	836
21	259	796	1044	675	416	674	443	383	328	267	352	814
22	269	853	1083	695	428	640	461	347	314	262	365	794
23	366	904	1107	689	466	593	493	310	310	251	388	771
24	578	955	1118	694	482	547	510	281	298	252	403	738
25	652	990	1145	683	493	502	521	276	295	242	416	741
26	727	1015	1159	649	492	452	532	271	290	235	423	790
27	752	1023	1161	606	516	411	523	259	262	236	440	837
28	782	1015	1151	582	540	376	487	277	247	239	463	913
29	790		1134	572	546	347	431	290	248	247	496	984
30	787		1111	553	551	355	390	307	244	237	530	1032
31	817		1083		576		376	339		235		1052
MEAN	539	858	897	715	472	664	477	322	342	245	332	886
MAX	817	1023	1161	1056	576	810	587	391	552	306	530	1097
MIN	259	685	587	553	368	347	366	255	244	208	238	565
TOTAL DISCHARGE FOR YEAR WAS				204712	MEAN DISCHARGE FOR YEAR WAS				560			

MAXIMUM DISCHARGE WAS 1,160,903 CFS ON MAR. 27.
 MINIMUM DISCHARGE WAS 208,298 CFS ON OCT. 4.

DAILY DISCHARGE FOR 1981

7

MISSISSIPPI RIVER AT HICKMAN, KY.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	143	186	622	274	507	641	590	618	260	216	337	264
2	147	186	635	299	468	640	562	622	282	223	339	300
3	150	225	630	325	438	641	533	604	319	220	333	339
4	165	279	615	328	423	650	516	559	354	218	327	353
5	168	315	616	292	426	663	518	514	378	212	310	348
6	168	366	608	278	445	681	520	482	392	214	295	359
7	162	395	585	307	456	712	541	450	399	224	358	368
8	152	395	557	357	448	755	561	432	401	227	384	367
9	152	373	525	382	426	783	592	440	397	228	371	355
10	149	347	498	390	407	784	607	447	380	223	343	318
11	146	316	479	391	393	765	608	437	337	225	318	295
12	146	284	465	376	390	740	577	436	312	229	301	282
13	141	282	437	357	402	738	520	422	303	230	287	276
14	141	288	394	356	416	742	476	380	296	230	278	266
15	137	286	343	369	447	750	440	360	291	229	266	268
16	136	299	306	405	467	751	404	342	285	229	252	270
17	133	316	271	453	475	757	397	332	270	230	237	261
18	132	323	251	505	502	757	394	326	267	233	219	253
19	130	313	244	546	566	743	400	320	263	247	212	256
20	137	323	244	573	692	733	397	316	251	268	211	252
21	137	377	242	588	787	742	404	326	242	275	207	234
22	133	438	240	580	857	729	443	319	231	272	208	225
23	132	476	238	609	894	706	478	291	220	275	210	239
24	133	510	234	634	899	682	496	272	217	276	228	297
25	131	526	221	637	877	664	511	272	213	269	231	353
26	131	537	198	629	844	647	523	267	195	262	240	393
27	139	545	199	621	828	621	532	263	192	262	233	411
28	151	594	195	611	797	604	538	250	191	267	222	425
29	151		203	582	742	596	546	238	202	274	240	459
30	153		219	543	685	598	563	232	209	281	250	469
31	178		234		648		588	238		319		463
MEAN	145	360	379	453	582	700	508	380	284	244	274	323
MAX	178	594	635	637	899	784	608	622	401	319	384	469
MIN	130	186	195	274	390	596	394	232	191	212	207	225
TOTAL DISCHARGE FOR YEAR WAS				141001	MEAN DISCHARGE FOR YEAR WAS				386			

MAXIMUM DISCHARGE WAS 899,339 CFS ON MAY. 24.
 MINIMUM DISCHARGE WAS 129,744 CFS ON JAN. 19.

DAILY DISCHARGE FOR 1980

7

MISSISSIPPI RIVER AT HICKMAN, KY.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	650	426	510	1151	447	375	357	244	286	256	227	280
2	647	392	495	1156	431	343	355	260	274	264	230	291
3	636	365	442	1161	430	321	350	268	275	253	234	275
4	614	355	399	1165	435	327	354	259	261	251	223	242
5	570	332	374	1150	445	384	369	231	290	245	219	226
6	517	311	360	1118	450	457	376	223	298	230	220	216
7	478	286	369	1072	439	520	359	232	306	235	211	219
8	445	267	402	1032	416	569	336	258	325	240	207	224
9	422	264	476	998	379	593	319	271	337	227	204	225
10	410	265	557	975	345	598	293	277	334	233	198	217
11	409	282	617	955	306	581	294	278	311	213	189	231
12	409	289	666	938	283	555	311	276	285	181	190	283
13	419	281	698	915	271	539	327	266	268	172	182	348
14	454	269	708	901	267	529	348	261	252	174	179	365
15	488	276	707	907	268	513	366	293	246	166	189	351
16	516	287	702	929	286	498	374	321	248	160	178	329
17	537	316	708	952	302	481	369	353	255	159	186	292
18	543	325	734	964	328	465	351	386	266	160	199	258
19	539	346	763	964	394	455	322	395	265	162	210	244
20	531	366	791	957	458	449	263	391	266	184	221	216
21	526	390	828	946	499	442	219	393	262	208	245	203
22	534	415	881	929	508	436	210	403	254	181	251	201
23	544	411	938	905	493	424	200	417	266	172	236	196
24	551	408	990	873	482	400	202	434	276	177	220	174
25	566	399	1041	826	488	389	236	443	263	177	211	155
26	568	422	1083	762	495	386	268	451	260	174	229	157
27	550	469	1110	686	501	360	282	450	258	178	249	161
28	530	497	1125	606	496	333	281	447	253	212	259	159
29	516	508	1131	535	472	320	272	426	242	229	282	151
30	491		1140	480	437	342	237	379	236	232	289	148
31	456		1151		404		224	317		226		144
MEAN	518	352	738	930	408	446	304	332	273	204	218	231
MAX	650	508	1151	1165	508	598	376	451	337	264	289	365
MIN	409	264	360	480	267	320	200	223	236	159	178	144
TOTAL DISCHARGE FOR YEAR WAS				151152	MEAN DISCHARGE FOR YEAR WAS				412			

MAXIMUM DISCHARGE WAS 1,167,318 ON APR. 4.
 MINIMUM DISCHARGE WAS 144,067 ON DEC. 31.

DAILY DISCHARGE FOR 1978

MISSISSIPPI RIVER AT HICKMAN, KY.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	491	711	285	1239	644	598	399	370	297	255	213	400
2	469	714	292	1196	646	556	415	377	322	242	191	374
3	443	709	299	1160	669	510	422	386	346	235	187	383
4	418	705	310	1119	662	479	430	385	357	228	176	444
5	398	665	315	1082	618	451	426	373	348	222	171	511
6	389	604	322	1045	565	428	426	348	275	215	172	579
7	385	538	357	963	562	411	428	342	255	216	178	634
8	383	425	397	883	602	398	432	339	254	199	180	688
9	404	344	414	806	684	395	441	344	245	196	176	751
10	462	305	437	753	768	395	439	349	238	193	170	809
11	478	279	480	725	830	400	436	345	240	196	162	856
12	525	268	535	704	872	397	436	343	237	198	158	878
13	560	260	605	704	898	404	440	334	227	210	160	894
14	588	255	719	714	911	398	428	324	242	232	169	904
15	587	255	835	717	930	363	423	326	251	238	175	915
16	560	260	953	716	944	337	432	325	217	252	193	918
17	521	263	1036	713	959	302	450	316	200	265	241	924
18	469	256	1105	705	964	285	464	287	222	269	283	931
19	431	253	1135	685	956	288	460	278	257	243	305	938
20	409	250	1177	665	944	302	445	271	290	233	329	911
21	391	251	1214	658	922	309	421	268	322	224	341	880
22	383	250	1240	661	880	320	366	255	354	213	343	822
23	388	243	1266	674	852	337	351	245	349	199	299	743
24	396	236	1287	680	828	342	335	225	338	194	273	674
25	412	235	1302	686	806	356	328	215	329	192	277	625
26	429	242	1311	683	783	361	343	212	328	190	336	583
27	484	269	1320	672	748	370	367	218	316	195	354	549
28	535	284	1323	662	710	368	370	242	316	219	366	521
29	581		1314	645	687	360	362	254	311	234	390	494
30	624		1298	631	658	369	356	278	290	249	406	482
31	682		1271		640		353	284		243		611
MEAN	473	368	843	798	778	386	407	305	285	222	245	697
MAX	682	714	1323	1239	964	598	464	386	357	269	406	938
MIN	383	235	285	631	562	285	328	212	200	190	158	374
TOTAL DISCHARGE FOR YEAR WAS			177379						485			
MEAN DISCHARGE FOR YEAR WAS												

MAXIMUM DISCHARGE WAS 1,322,975 CFS ON MAR. 28.
 MINIMUM DISCHARGE WAS 158,145 CFS ON NOV. 12.

DAILY DISCHARGE FOR 1979

7

MISSISSIPPI RIVER AT HICKMAN, KY

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	462	836	1068	1148	969	619	409	619	577	571	294	793
2	495	786	1106	1201	906	642	350	629	584	549	315	806
3	551	727	1141	1228	862	659	340	633	577	535	322	811
4	604	641	1221	1249	856	654	355	624	571	536	374	812
5	661	569	1299	1278	878	633	361	613	555	531	395	796
6	709	496	1399	1307	913	604	360	576	522	515	418	757
7	737	424	1484	1317	940	571	360	543	488	500	450	700
8	762	386	1543	1314	956	545	366	514	456	481	478	629
9	790	364	1568	1311	964	529	383	496	436	470	495	556
10	816	344	1572	1309	968	516	390	469	417	449	495	496
11	810	326	1555	1306	953	526	378	462	401	434	491	456
12	796	308	1531	1322	934	536	378	447	392	421	505	434
13	774	290	1507	1359	912	537	397	438	383	410	520	419
14	756	272	1499	1417	874	526	397	435	381	411	527	422
15	722	256	1477	1477	837	506	399	451	396	420	533	456
16	676	272	1455	1531	788	486	410	444	461	432	528	490
17	621	288	1434	1532	749	465	415	434	544	440	524	526
18	567	323	1419	1505	710	424	419	401	609	442	511	554
19	527	363	1405	1501	680	395	413	363	628	436	495	558
20	509	401	1365	1483	654	375	413	303	608	423	476	549
21	524	443	1319	1458	618	361	407	284	577	400	455	524
22	573	467	1264	1433	583	366	400	310	551	377	440	480
23	617	510	1224	1409	555	385	394	348	539	355	424	434
24	669	624	1196	1370	536	414	388	400	554	327	429	411
25	708	748	1154	1324	520	436	393	451	592	312	462	423
26	755	870	1129	1295	518	461	409	485	613	308	544	463
27	801	952	1105	1246	528	482	420	504	621	297	650	523
28	827	1015	1086	1189	540	493	444	517	616	283	720	579
29	854		1072	1116	550	474	509	536	608	285	766	609
30	873		1075	1051	571	443	573	555	597	297	777	624
31	858		1098		594		604	568		303		628
MEAN	690	510	1315	1332	755	502	407	479	528	417	493	571
MAX	873	1015	1572	1532	969	659	604	633	628	571	777	812
MIN	495	256	1068	1051	518	361	340	284	381	283	294	411
TOTAL DISCHARGE FOR YEAR WAS				243761	MEAN DISCHARGE FOR YEAR WAS				667			

MAXIMUM DISCHARGE WAS 1571.822 ON MAR. 10.
 MINIMUM DISCHARGE WAS 256.000 ON FEB. 15.

DAILY DISCHARGES FOR 1978

7

MISSISSIPPI RIVER AT HICKMAN, KY,

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	445	573	229	1132	549	564	309	295	223	206	182	332
2	424	594	232	1113	549	516	335	309	250	185	155	329
3	399	599	229	1094	555	458	349	316	273	184	136	307
4	371	598	242	1049	573	407	357	316	285	177	131	324
5	347	595	254	1017	562	378	357	310	283	166	121	375
6	330	577	257	966	521	358	355	286	249	161	114	441
7	321	521	258	907	481	352	353	282	207	158	114	488
8	320	450	288	833	479	341	356	273	192	150	120	536
9	316	350	323	759	520	333	364	272	183	142	120	590
10	338	297	340	695	590	328	369	280	177	138	120	643
11	391	262	358	651	661	327	364	281	175	134	114	693
12	438	239	393	620	713	333	362	276	177	137	109	732
13	468	229	452	603	746	337	363	269	169	144	108	757
14	484	223	510	603	766	337	363	259	172	166	109	772
15	492	219	590	612	782	327	353	258	188	176	109	781
16	493	222	698	613	800	297	356	260	169	184	114	787
17	472	225	796	612	821	269	370	254	145	198	134	792
18	448	227	858	612	835	238	385	232	154	204	176	802
19	404	223	911	606	833	225	396	214	186	205	215	808
20	376	220	958	589	830	223	391	209	213	186	240	794
21	361	216	993	571	819	226	366	205	246	174	261	781
22	352	212	1058	560	799	238	322	194	276	167	274	753
23	344	211	1103	561	772	246	289	185	290	155	275	727
24	350	209	1105	575	742	254	272	167	278	142	242	650
25	361	201	1113	585	717	270	263	157	270	137	216	591
26	371	199	1143	588	699	274	267	156	268	122	214	549
27	387	200	1151	584	689	295	286	163	261	121	264	515
28	419	212	1160	577	666	301	300	172	258	131	283	481
29	455		1178	563	638	297	299	183	258	156	293	455
30	494		1170	553	615	292	291	204	240	174	317	423
31	527		1145		598		286	217		187		393
MEAN	403	325	693	713	674	321	337	240	223	163	179	593
MAX.	527	599	1178	1132	835	564	396	316	290	206	317	808
MIN.	316	199	229	553	479	223	263	156	145	121	108	307
TOTAL DISCHARGE FOR YEAR WAS 148525, MEAN DISCHARGE FOR YEAR WAS 407												

MAXIMUM DISCHARGE WAS 1,178,000 CFS ON MAR, 29 (STAGE 44.90 FEET.)
 MINIMUM DISCHARGE WAS 108,000 CFS ON NOV, 13 (STAGE 6.45 FEET.)

DAILY DISCHARGES FOR 1977

7

MISSISSIPPI RIVER AT HICKMAN, KY.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	181	136	504	662	397	175	368	195	210	353	422	567
2	183	117	546	640	389	163	361	171	233	355	407	593
3	180	114	574	609	382	160	324	157	231	372	397	643
4	178	112	616	578	390	159	317	149	228	397	426	691
5	178	117	645	582	393	157	315	146	224	424	481	743
6	184	126	680	626	387	160	303	144	247	445	514	782
7	183	125	706	677	374	166	290	131	297	455	543	808
8	187	117	717	736	390	167	275	126	321	455	564	833
9	199	121	724	788	435	165	255	128	336	450	564	841
10	193	125	723	821	477	169	243	173	338	453	555	847
11	184	127	713	850	496	164	229	225	317	476	552	841
12	173	125	707	858	501	161	237	292	296	488	559	833
13	170	146	723	854	489	176	257	308	285	499	567	821
14	176	169	745	838	458	200	246	313	270	496	580	795
15	195	217	761	815	417	212	228	307	263	486	584	766
16	204	261	760	779	371	199	239	350	293	465	570	735
17	210	307	750	723	331	170	257	379	357	445	532	711
18	213	329	744	647	302	141	259	406	398	423	508	691
19	208	336	725	554	278	143	236	423	422	405	487	682
20	203	304	700	413	256	161	206	423	419	381	474	685
21	202	267	667	348	242	165	168	398	411	357	472	703
22	192	249	631	315	230	195	186	365	388	344	487	717
23	193	253	604	302	217	167	201	336	375	344	521	722
24	198	254	572	313	203	167	208	301	370	352	548	706
25	194	286	553	345	196	222	195	251	364	348	560	678
26	183	337	532	383	208	267	183	258	358	346	548	658
27	177	383	514	397	215	386	193	296	357	354	531	642
28	176	453	524	396	206	357	205	269	349	409	528	619
29	152		572	405	201	355	202	265	336	439	537	600
30	144		616	405	172	364	209	257	343	443	553	576
31	142		649		178		205	225		422		553
MEAN	185	214	651	588	328	197	245	263	321	415	519	712
MAX.	213	453	761	858	501	364	368	423	422	499	584	847
MIN.	142	112	504	302	172	141	168	126	210	344	397	553
TOTAL DISCHARGE FOR YEAR WAS 141635, MEAN 388.0												

MAXIMUM DISCHARGE WAS 860,000 CFS ON APR. 12 (STAGE 38.70 FEET).
 MINIMUM DISCHARGE WAS 111,000 CFS ON FEB. 4 (STAGE 6.90 FEET).

DAILY DISCHARGES FOR 1976

7

MISSISSIPPI RIVER AT WICKMAN, KY.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	579	567	889	731	509	323	307	231	160	198	294	212
2	598	580	868	743	523	357	298	239	160	180	299	214
3	660	582	848	744	525	384	300	249	160	171	299	209
4	700	579	826	734	514	407	337	259	147	174	297	210
5	746	562	779	706	493	420	346	253	138	187	302	203
6	774	536	745	674	472	422	356	223	139	183	299	197
7	806	500	741	631	451	415	339	195	141	166	284	186
8	820	448	744	602	437	404	319	179	131	152	266	183
9	830	429	752	579	415	373	304	177	139	147	245	201
10	826	399	753	554	395	316	297	186	135	151	214	233
11	816	396	731	529	397	283	289	183	146	167	196	263
12	766	391	695	504	382	258	286	180	137	187	186	287
13	723	389	663	460	360	241	284	181	149	222	181	311
14	645	383	638	428	341	218	265	172	144	269	180	320
15	582	370	622	408	354	280	266	166	138	307	174	305
16	534	379	613	390	367	211	284	181	146	335	168	287
17	516	399	612	395	371	213	295	186	139	345	166	270
18	522	452	613	390	378	216	286	187	126	317	172	261
19	537	543	610	373	396	232	271	192	132	269	166	258
20	543	632	603	361	410	244	240	174	140	206	169	246
21	528	723	600	351	425	256	241	176	139	185	177	224
22	488	810	577	352	423	286	224	174	128	174	182	220
23	444	870	581	355	400	273	209	146	127	161	167	215
24	407	909	592	380	362	273	214	141	131	172	169	211
25	379	934	610	400	329	384	232	139	130	182	180	206
26	384	942	627	422	293	312	249	145	134	210	175	198
27	419	938	642	436	278	316	249	153	140	247	192	190
28	472	925	662	447	257	312	254	168	150	249	176	191
29	513	910	665	469	257	310	261	170	175	253	173	185
30	541		678	483	275	309	269	191	195	264	204	201
31	562		704		303		234	174		278		195
MEAN	602	602	686	501	390	302	277	186	143	216	211	228
MAX.	830	942	889	744	525	422	356	259	195	345	302	320
MIN.	379	370	577	351	257	200	209	139	126	147	166	183
TOTAL DISCHARGE FOR YEAR WAS 132474.												
MEAN 362.0												

MAXIMUM DISCHARGE WAS 942,000 CFS ON FEB. 26 (STAGE 36.30 FEET.)
 MINIMUM DISCHARGE WAS 126,000 CFS ON SEP. 18 (STAGE 3.40 FEET.)

DAILY DISCHARGES FOR 1975

7

MISSISSIPPI RIVER AT HICKMAN, KY.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	814	706	1182	1596	1157	514	467	221	275	419	303	356
2	838	772	1162	1621	1156	494	470	225	281	376	289	366
3	858	843	1147	1654	1148	491	453	238	297	330	272	419
4	882	882	1130	1658	1143	512	422	237	313	273	264	464
5	704	908	1117	1657	1135	521	394	227	332	262	256	498
6	719	935	1106	1646	1130	525	390	218	333	263	253	506
7	709	955	1091	1603	1124	514	407	228	304	254	246	499
8	701	972	1061	1550	1110	501	421	234	270	239	255	466
9	689	982	1032	1515	1098	479	421	241	269	238	272	431
10	678	982	1009	1444	1095	476	393	247	275	255	271	421
11	683	976	982	1346	1084	479	378	230	274	260	278	416
12	788	966	951	1272	1066	484	380	219	270	257	296	408
13	864	958	968	1185	1044	489	381	208	272	268	298	397
14	908	952	1034	1099	1007	477	362	213	270	271	303	389
15	920	922	1124	968	947	465	342	213	276	270	316	374
16	914	903	1201	826	884	458	333	219	295	264	360	376
17	889	871	1263	705	826	467	331	240	302	252	406	405
18	870	842	1308	665	773	478	322	258	283	285	443	445
19	846	818	1337	635	748	486	318	261	275	343	458	482
20	813	818	1348	603	734	501	312	279	279	409	461	460
21	776	813	1360	598	728	502	316	275	279	465	414	512
22	731	791	1385	574	716	495	319	256	300	504	376	496
23	685	813	1392	573	694	486	326	223	326	511	355	482
24	713	913	1400	586	662	473	326	212	340	506	343	464
25	739	1023	1387	676	634	458	313	203	349	495	333	432
26	745	1127	1371	832	583	444	300	199	352	478	329	406
27	746	1184	1369	964	554	424	298	200	361	449	331	400
28	727	1194	1384	1058	542	420	288	218	394	411	314	418
29	692		1462	1107	541	447	269	228	423	379	337	457
30	671		1533	1139	540	455	264	236	438	347	346	512
31	678		1582		529		244	263		320		547
MEAN	748	922	1231	1111	875	480	353	231	310	343	325	442
MAX.	920	1194	1582	1658	1157	525	470	279	438	511	461	547
MIN.	614	706	951	573	529	420	244	199	269	238	246	356
TOTAL DISCHARGE FOR YEAR WAS 223662. MEAN 610.0												

MAXIMUM DISCHARGE WAS 1,658,400 CFS ON APR. 4 (STAGE 49.40 FEET).
 MINIMUM DISCHARGE WAS 199,000 CFS ON AUG. 26 (STAGE 8.29 FEET).

DAILY DISCHARGES FOR 1974

7

MISSISSIPPI RIVER AT HICKMAN, KY.--CONTINUED.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND.

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	942	1380	801	767	537	843	715	245	372	253	189	403
2	942	1380	762	726	522	861	709	237	383	254	192	389
3	926	1380	723	704	512	907	694	234	398	257	198	389
4	932	1380	692	724	507	938	677	233	428	257	202	395
5	940	1370	658	765	509	955	656	227	448	251	230	411
6	960	1350	619	802	519	964	628	229	447	225	269	432
7	974	1320	582	831	541	974	602	233	443	222	315	462
8	982	1280	643	844	544	994	565	234	449	225	352	477
9	980	1220	681	894	534	1020	543	236	441	206	371	474
10	984	1150	716	918	527	1050	520	246	427	196	369	473
11	1010	1080	759	933	512	1060	485	252	411	199	353	481
12	1040	1030	799	946	481	1040	437	275	386	203	349	497
13	1060	985	824	958	464	1010	412	298	367	196	361	513
14	1080	919	855	968	455	982	394	316	368	187	385	529
15	1100	788	888	972	461	944	373	337	373	200	395	544
16	1130	690	925	966	521	921	350	333	378	205	398	549
17	1170	669	960	952	575	890	343	293	388	226	405	547
18	1200	656	986	921	653	843	349	268	381	239	403	532
19	1210	651	1010	892	713	774	350	266	368	250	396	513
20	1230	662	1030	841	743	713	336	267	326	242	396	499
21	1260	687	1040	787	756	667	326	258	286	244	395	496
22	1300	743	1040	751	779	629	315	246	249	245	392	490
23	1320	796	1020	728	811	605	296	236	238	233	386	477
24	1330	827	1010	705	846	592	280	232	242	214	388	465
25	1320	854	982	672	878	597	265	232	252	210	395	454
26	1320	870	968	638	890	620	261	228	254	197	408	444
27	1310	873	959	623	887	640	252	231	250	195	424	451
28	1320	843	944	602	883	663	246	238	218	197	425	482
29	1340		918	574	877	690	243	271	217	195	418	500
30	1360		899	557	866	711	241	328	239	188	412	528
31	1380		833		848		245	357		185		556
MEAN	1140	994	855	798	650	836	422	261	347	219	352	479
MAX.	1380	1380	1040	972	890	1060	715	357	449	257	425	556
MIN.	926	651	582	557	455	592	241	227	217	185	189	389

TOTAL DISCHARGE FOR YEAR WAS 222790.

MEAN DISCHARGE FOR YEAR WAS 610.4

MAXIMUM DISCHARGE WAS 1,382,000 CFS ON FEB. 1. (STAGE 49.10 FEET).

MINIMUM DISCHARGE WAS 184,700 CFS ON OCT. 31. (STAGE 11.30 FEET).

DAILY DISCHARGES FOR 1973

7

MISSISSIPPI RIVER AT HICKMAN, KY.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APP	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	975	796	442	1534	1398	963	552	471	230	362	364	973
2	972	795	446	1536	1442	959	560	432	227	401	391	1000
3	983	794	458	1519	1470	960	546	396	199	433	404	1020
4	994	795	465	1495	1477	972	521	360	191	478	406	1030
5	993	815	470	1486	1475	980	495	324	196	507	400	1040
6	986	846	474	1471	1452	980	467	286	209	503	386	1060
7	979	878	506	1450	1444	972	459	293	198	507	379	1070
8	964	913	590	1433	1456	959	478	257	206	512	371	1080
9	949	946	686	1424	1451	951	505	238	205	519	347	1110
10	933	966	789	1414	1432	948	470	230	187	510	325	1040
11	892	975	881	1403	1403	941	436	231	207	483	326	982
12	830	963	971	1363	1388	930	417	240	226	435	314	894
13	748	944	1037	1365	1336	910	392	247	221	384	308	791
14	675	924	1074	1337	1298	874	386	284	198	347	302	695
15	605	908	1108	1319	1282	832	380	323	208	363	296	607
16	542	901	1129	1292	1253	786	369	329	206	412	289	555
17	484	901	1164	1278	1224	745	356	325	192	438	296	522
18	458	903	1220	1268	1183	718	338	319	201	447	300	488
19	444	892	1281	1263	1144	699	314	329	196	433	310	466
20	457	867	1335	1276	1093	684	297	313	186	447	311	462
21	524	810	1369	1264	1033	681	296	293	177	458	309	461
22	649	738	1404	1250	970	697	294	284	190	465	312	447
23	743	671	1427	1255	921	711	316	278	197	462	329	427
24	809	590	1450	1274	869	721	345	271	192	455	362	429
25	848	555	1466	1299	831	710	447	267	191	437	475	463
26	866	508	1488	1328	812	674	537	252	196	411	568	534
27	872	473	1497	1346	822	629	569	245	194	377	644	628
28	864	448	1498	1351	869	584	568	233	224	348	848	742
29	846		1507	1353	898	552	545	232	251	324	857	830
30	823		1505	1370	923	540	526	227	309	320	922	903
31	798		1518		946		510	223		316		936
MEAN	790	804	1053	1367	1193	808	441	291	207	428	415	764
MAX.	994	975	1518	1536	1477	980	569	471	309	519	922	1110
MIN.	444	448	442	1250	812	540	294	223	177	316	289	427

MEAN DISCHARGE FOR YEAR WAS 713.2

MAXIMUM DISCHARGE WAS 1,536,000 CFS ON APR. 2 (STAGE 52.48 FEET).
 MINIMUM DISCHARGE WAS 177,000 CFS ON SEP. 21 (STAGE 12.50 FEET).

DAILY DISCHARGES FOR 1972

7

MISSISSIPPI RIVER AT HICKMAN, KY.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	353	584	721	629	1134	352	499	354	279	343	379	702
2	371	585	775	605	1120	352	522	374	284	356	405	688
3	431	582	822	585	1108	357	533	382	271	368	437	691
4	526	568	867	560	1094	364	545	389	271	388	501	685
5	576	537	914	532	1081	348	544	389	270	412	554	671
6	605	513	943	513	1061	336	524	389	261	426	607	652
7	624	500	967	494	1036	328	497	394	257	429	636	630
8	644	484	972	481	997	312	462	380	251	427	653	614
9	666	472	957	479	955	293	424	411	250	410	643	646
10	692	456	937	489	921	287	397	426	248	394	629	708
11	715	436	920	524	892	285	384	404	240	390	628	784
12	734	405	900	567	877	273	379	369	227	390	633	841
13	732	376	882	608	869	263	375	362	240	384	642	894
14	735	360	858	653	847	266	366	351	241	351	675	930
15	723	368	832	703	827	273	358	350	242	342	716	965
16	710	386	823	799	808	287	344	356	259	336	765	993
17	681	422	808	855	791	300	333	351	267	324	796	1017
18	663	472	788	891	772	326	334	339	292	315	805	1040
19	642	526	770	908	747	358	341	343	328	314	796	1053
20	585	567	752	926	728	391	348	343	342	320	817	1070
21	567	577	742	963	697	394	344	333	356	322	822	1082
22	524	566	726	1014	663	388	327	332	348	327	817	1092
23	492	548	701	1062	625	382	333	348	333	336	814	1100
24	477	541	681	1093	587	365	342	341	333	328	814	1094
25	488	552	669	1115	550	367	342	356	321	323	815	1086
26	503	561	665	1135	515	355	306	314	304	324	805	1061
27	521	588	666	1145	486	369	300	282	314	328	795	1024
28	544	625	681	1147	457	382	305	277	310	334	780	998
29	565	674	690	1146	442	418	333	274	312	343	755	980
30	574		678	1142	421	467	355	274	315	359	728	966
31	563		655		380		359	275		375		968
MEAN	588	511	798	792	789	341	392	350	285	358	688	894
MAX.	735	674	972	1147	1134	467	545	426	356	429	822	1100
MIN.	353	360	655	479	380	263	300	274	227	314	379	614

TOTAL DISCHARGE FOR YEAR WAS 207416.

MEAN DISCHARGE FOR YEAR WAS 568.3

MAXIMUM DISCHARGE WAS 1,147,000 CFS ON APR. 28 (STAGE 46.00 FEET).
 MINIMUM DISCHARGE WAS 227,000 CFS ON SEP. 12 (STAGE 15.30 FEET).

DAILY DISCHARGES FOR 1971

7

MISSISSIPPI RIVER AT HICKMAN, KY.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	627	420	1155	584	403	374	320	300	190	244	229	275
2	599	410	1152	566	401	400	307	298	187	245	214	288
3	544	360	1160	543	397	398	287	297	187	233	217	307
4	479	350	1165	537	404	401	268	310	192	217	224	332
5	456	344	1166	542	398	420	256	311	178	214	234	353
6	442	361	1163	535	393	409	244	320	168	210	244	354
7	471	398	1147	534	392	399	236	326	187	216	261	353
8	505	454	1130	530	412	381	233	335	208	213	276	368
9	527	548	1103	518	416	394	219	351	230	214	277	376
10	545	646	1052	498	424	406	218	360	205	189	271	433
11	557	693	1004	480	484	399	243	343	204	195	264	474
12	554	730	954	467	555	362	263	323	204	200	264	511
13	554	750	910	448	614	346	296	266	217	177	260	561
14	575	755	866	457	684	347	313	249	208	174	252	572
15	565	748	831	454	746	363	325	247	215	183	245	579
16	531	729	803	446	771	398	350	236	229	192	256	586
17	505	720	793	436	778	420	350	229	269	175	247	596
18	489	716	786	424	779	443	336	213	305	180	245	607
19	480	712	788	405	765	449	327	212	310	174	241	631
20	481	720	782	387	748	441	336	194	300	165	237	634
21	478	731	759	378	707	430	333	194	295	161	228	637
22	468	790	723	362	649	416	330	203	283	178	230	574
23	449	943	686	350	592	391	342	240	276	189	234	538
24	420	1041	666	348	549	337	354	256	252	194	244	506
25	413	1116	634	357	541	336	348	248	245	188	250	476
26	415	1155	616	357	547	330	289	224	224	209	257	465
27	414	1166	622	381	482	326	272	232	217	239	255	446
28	406	1162	626	396	453	316	268	260	220	259	242	446
29	399		625	396	429	321	271	267	228	269	248	408
30	412		620	395	413	319	265	243	236	259	263	386
31	423		605		396		283	208		244		360
MEAN	489	702	873	450	539	382	292	267	228	206	246	465
MAX.	627	1166	1166	584	779	449	354	360	310	269	277	637
MIN.	399	344	605	348	392	316	218	194	168	161	214	275

MEAN DISCHARGE FOR YEAY WAS 428.0
 MAXIMUM DISCHARGE WAS 1,166,000 CFS ON MARCH 5 (STAGE 45.30 FEET).
 MINIMUM DISCHARGE WAS 158,000 CFS ON OCT. 21 (STAGE 9.20 FEET).

DAILY DISCHARGES FOR 1970

7

MISSISSIPPI RIVER AT HICKMAN, KY.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	548	374	434	544	1003	460	349	214	186	599	382	324
2	585	421	395	570	1043	426	333	223	188	584	397	299
3	637	486	387	623	1088	442	315	222	183	509	388	285
4	697	525	413	719	1128	483	309	241	185	431	397	291
5	745	545	445	810	1146	533	300	257	196	362	417	293
6	769	563	479	867	1166	575	285	270	209	327	444	297
7	763	585	516	902	1160	601	273	271	203	299	451	303
8	736	598	556	920	1134	626	256	295	188	262	447	312
9	684	600	586	923	1099	636	248	321	187	255	447	313
10	624	598	615	916	1059	621	243	339	190	260	449	308
11	558	591	636	909	1009	587	242	371	189	248	452	301
12	490	589	641	899	947	545	240	375	180	256	458	300
13	402	589	627	889	878	510	240	379	176	322	463	300
14	321	590	600	868	807	491	246	364	185	419	461	301
15	279	599	569	815	747	495	251	329	207	457	442	319
16	273	619	533	747	707	531	230	282	227	463	417	359
17	278	639	506	675	720	573	216	232	237	443	411	379
18	279	651	497	603	763	583	221	222	249	404	404	392
19	281	647	500	559	799	573	227	219	278	377	403	397
20	278	636	502	572	816	555	227	223	313	357	411	399
21	267	623	515	622	818	536	241	225	345	320	419	418
22	256	625	518	692	799	537	232	235	369	316	423	460
23	250	631	513	766	767	533	230	246	361	328	430	507
24	248	628	504	840	719	530	225	256	349	308	455	550
25	245	609	510	886	660	524	224	260	388	302	467	585
26	245	580	527	918	598	506	205	242	461	306	460	612
27	233	523	548	940	544	465	194	235	526	309	443	624
28	219	470	554	955	519	426	205	228	564	306	421	621
29	245		564	964	477	400	214	215	593	302	390	622
30	308		563	977	462	367	209	198	601	322	356	629
31	331		551		457		210	189		359		634
MEAN	421	576	525	796	839	522	246	263	290	358	426	410
MAX.	769	651	641	977	1166	636	349	379	601	599	467	634
MIN.	219	374	387	544	457	367	194	189	176	248	356	285
TOTAL DISCHARGE FOR YEAR WAS				172293.	MEAN DISCHARGE FOR YEAR WAS				472.0			

MAXIMUM DISCHARGE WAS 1,166,000 CFS ON MAY 6 (STAGE 46.5 FEET.
 MINIMUM DISCHARGE WAS 175,000 CFS ON SEP. 13 (STAGE 10.2 FEET.

DAILY DISCHARGES FOR 1969

7

MISSISSIPPI RIVER AT HICKMAN, KY.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	590	971	407	634	875	412	636	362	205	202	262	295
2	568	1014	433	621	846	388	641	368	200	199	251	287
3	550	1036	455	594	813	367	653	371	199	207	256	262
4	538	1059	466	583	798	383	652	342	221	211	280	251
5	529	1071	419	569	770	402	638	349	220	208	285	247
6	519	1082	422	558	738	404	634	328	228	204	287	248
7	483	1083	422	569	675	387	640	313	241	205	281	250
8	444	1087	426	599	624	366	669	282	251	195	273	265
9	399	1086	410	667	591	353	696	286	260	197	263	300
10	357	1109	394	740	584	352	715	293	240	198	250	298
11	271	1120	389	812	572	336	743	293	232	187	247	293
12	240	1129	402	850	577	345	760	303	240	196	240	277
13	233	1111	381	876	584	359	794	310	240	232	243	280
14	233	1089	356	879	588	379	814	319	221	352	246	293
15	224	1055	356	879	584	395	840	315	191	454	255	282
16	199	1005	348	873	617	396	855	305	187	504	247	303
17	207	946	324	867	625	363	855	258	197	549	241	318
18	277	843	287	880	628	383	848	235	198	570	251	337
19	354	763	277	909	649	391	824	263	230	568	259	348
20	453	651	290	936	647	363	797	278	242	522	317	342
21	530	574	299	969	641	352	766	298	258	456	336	326
22	575	517	291	988	630	326	724	306	263	396	350	301
23	615	487	288	1000	624	348	670	311	275	371	358	294
24	653	485	359	1026	614	451	627	324	257	355	357	283
25	689	402	416	1030	603	499	589	344	239	330	359	250
26	723	396	471	1029	604	545	539	369	207	326	347	200
27	731	393	550	1024	404	572	480	332	204	316	342	194
28	719	399	600	997	574	588	466	259	210	295	334	203
29	732		638	954	536	595	557	233	219	281	317	226
30	832		653	913	510	611	370	219	217	271	289	304
31	924		644		462		368	210		264		410
MEAN	496	855	415	827	631	413	672	302	226	316	287	282
MAX.	924	1129	653	1030	875	611	855	371	275	570	359	410
MIN.	199	393	277	558	404	326	368	210	187	187	240	194
TOTAL DISCHARGE FOR YEAR WAS				173293.	MEAN DISCHARGE FOR YEAR WAS				474.8			

MAXIMUM DISCHARGE WAS 1,129,000 CFS ON FEB. 12 (STAGE 45.00 FEET).

MINIMUM DISCHARGE WAS 187,000 CFS ON SEP. 16 AND OCT. 11 STAGE 12.1 AND 11.3

DAILY DISCHARGES FOR 1968

7

MISSISSIPPI RIVER AT HICKMAN, KY.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	703	564	235	834	451	922	339	348	161	207	248	401
2	646	586	233	830	411	920	338	344	161	198	250	436
3	592	639	214	816	385	916	346	345	156	195	254	456
4	558	729	209	820	353	924	346	341	158	198	263	435
5	540	790	201	839	362	935	344	328	159	201	254	416
6	539	829	193	854	376	945	342	347	153	203	252	408
7	532	843	186	878	369	948	338	383	152	208	252	399
8	529	847	180	877	353	948	335	399	150	207	258	382
9	523	848	173	870	337	933	323	400	149	206	264	372
10	519	848	172	874	344	905	322	394	155	204	268	364
11	520	837	173	863	354	889	319	368	162	199	273	360
12	523	799	204	852	360	834	320	360	162	193	277	357
13	529	740	261	837	361	758	321	369	162	182	293	345
14	535	685	305	799	365	654	321	376	164	178	269	326
15	533	632	361	731	387	525	321	386	166	191	264	291
16	530	586	418	685	413	436	321	406	167	209	259	245
17	534	552	484	652	431	409	317	402	167	219	251	234
18	528	508	561	605	454	394	313	373	166	229	270	230
19	511	452	614	568	475	365	306	340	166	235	299	209
20	472	396	641	528	487	342	300	367	167	242	334	199
21	423	360	682	516	488	328	294	315	168	250	342	200
22	384	339	714	497	497	319	280	275	164	249	333	207
23	369	319	731	488	512	307	284	262	164	248	325	239
24	370	283	750	471	514	293	290	267	164	251	329	279
25	387	266	767	458	525	294	295	257	171	264	330	309
26	413	259	789	450	567	308	291	243	183	268	326	317
27	445	256	813	447	642	320	291	224	191	258	342	324
28	477	250	834	450	750	339	315	208	205	243	333	353
29	502	244	849	456	862	355	323	182	215	243	343	407
30	521		834	463	907	349	333	177	212	245	369	480
31	543		833		922		355	162		247		551
MEAN	507	561	471	676	484	603	318	320	168	221	290	339
MAX.	703	848	849	878	922	948	355	406	215	268	369	551
MIN.	369	244	172	447	337	293	280	162	149	178	248	199
TOTAL DISCHARGE FOR YEAR WAS				151062.	MEAN DISCHARGE FOR YEAR WAS				412.7			

MAXIMUM DISCHARGE WAS 952,000 CFS ON JUNE 7 (STAGE 42.80 FEET).

MINIMUM DISCHARGE WAS 149,000 CFS ON SEPTEMBER 9 (STAGE 8.70 FEET).

DAILY DISCHARGES FOR 1967

7

MISSISSIPPI RIVER AT HICKMAN, KY.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	409	333	398	730	607	505	611	404	228	214	280	328
2	409	361	382	679	611	456	598	415	225	219	302	350
3	413	395	360	639	629	440	592	416	224	218	353	428
4	413	433	314	602	640	439	600	413	219	227	443	500
5	394	440	322	609	636	434	612	410	221	219	477	586
6	369	436	345	623	630	441	617	405	213	209	482	623
7	351	443	368	658	626	434	602	384	180	209	476	643
8	321	443	434	649	629	423	601	347	175	208	468	645
9	294	445	514	622	634	408	585	336	191	203	445	644
10	275	439	613	588	669	393	563	333	198	210	389	630
11	253	431	730	546	710	382	565	329	203	221	356	619
12	237	432	766	543	743	362	582	333	210	231	350	601
13	253	393	822	535	763	367	584	327	204	231	341	618
14	261	350	880	539	823	383	578	297	187	232	334	624
15	258	315	887	545	902	408	571	284	174	227	314	631
16	233	291	895	540	953	437	553	264	172	216	306	633
17	237	286	914	548	976	466	538	239	170	213	300	644
18	237	276	924	571	985	495	504	225	181	225	288	647
19	236	277	925	595	986	511	478	213	200	228	278	672
20	227	305	923	587	982	532	375	208	199	237	262	701
21	215	320	926	595	972	547	313	205	200	248	254	731
22	207	339	928	587	963	559	302	217	200	259	251	762
23	199	363	930	567	957	571	310	231	199	263	256	813
24	196	383	946	551	954	581	295	236	192	261	262	837
25	198	391	944	533	937	585	276	222	182	262	275	855
26	204	389	923	533	923	589	277	217	192	257	276	859
27	215	399	899	564	891	589	289	227	199	257	271	864
28	246	408	877	583	854	590	305	240	199	265	276	852
29	290		854	606	788	596	317	245	206	276	290	829
30	308		829	608	705	606	368	242	210	263	309	802
31	323		785		599		396	224		263		766
MEAN	280	375	727	589	796	484	476	293	198	234	332	668
MAX.	413	445	946	730	986	606	617	416	228	276	482	864
MIN.	196	276	314	533	599	362	276	205	170	203	251	328

MAXIMUM DISCHARGE WAS 999,000 CFS ON MAY 19.
 MINIMUM DISCHARGE WAS 170,000 CFS ON SEPT. 16.

DAILY DISCHARGES FOR 1966

7

MISSISSIPPI RIVER AT HICKMAN, KY.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	322	189	643	362	752	397	217	206	184	189	161	235
2	418	192	559	363	777	364	212	197	187	192	167	257
3	466	193	490	355	810	340	219	203	180	190	179	288
4	500	193	448	346	852	324	227	201	171	192	187	295
5	542	188	454	341	874	298	237	203	164	200	195	294
6	575	183	484	346	888	284	237	197	165	208	207	292
7	609	182	500	347	899	277	221	194	178	208	211	292
8	616	190	514	354	907	278	204	183	179	197	224	291
9	617	202	517	350	913	280	204	176	176	170	232	306
10	600	263	519	344	902	284	199	179	165	161	245	349
11	575	382	503	338	881	277	200	190	150	161	257	414
12	539	536	489	347	865	279	205	199	144	162	264	518
13	513	648	466	386	843	297	188	190	144	158	283	616
14	483	739	447	414	801	334	212	197	149	164	304	688
15	450	841	433	430	718	337	220	216	147	170	316	716
16	411	908	423	452	690	359	235	230	150	164	329	695
17	369	944	416	483	683	405	242	232	153	162	333	687
18	326	954	416	511	693	447	240	228	150	169	325	695
19	282	960	411	537	716	458	237	223	147	174	317	702
20	253	955	405	547	740	434	230	223	160	185	278	687
21	243	949	395	542	761	400	218	226	173	192	238	667
22	235	937	380	548	761	365	211	236	171	207	216	636
23	226	926	368	585	744	331	204	236	175	222	215	605
24	223	910	354	621	732	302	197	224	187	220	210	564
25	224	882	334	642	698	275	196	219	176	212	211	477
26	225	849	327	660	642	248	189	206	170	194	217	421
27	208	794	340	677	598	221	170	201	169	187	206	368
28	197	711	354	690	554	219	167	190	161	177	201	360
29	186		362	698	500	216	171	186	165	174	217	374
30	178		361	712	452	218	179	185	180	170	225	384
31	179		366		423		202	180		161		406
MEAN	380	600	434	477	744	318	209	205	165	183	239	470
MAX.	617	960	643	712	913	458	242	236	187	222	333	716
MIN.	178	182	327	338	423	216	167	176	144	158	161	235

MAXIMUM DISCHARGE WAS 960,000 CFS ON FEB. 19.
 MINIMUM DISCHARGE WAS 144,000 CFS ON SEPT. 12 AND 13.

DAILY DISCHARGES FOR 1965

7

MISSISSIPPI RIVER AT HICKMAN, KY.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND												
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	378	480	417	964	826	400	270	239	207	580	246	256
2	381	478	472	1002	853	403	277	210	244	556	254	258
3	379	466	515	1022	872	410	302	201	297	506	243	250
4	393	432	557	1035	880	399	379	186	325	460	229	248
5	429	402	593	1054	869	404	427	177	353	425	208	235
6	473	369	641	1070	843	422	450	182	336	389	219	212
7	508	338	678	1094	802	456	445	190	285	377	234	206
8	528	301	708	1122	752	497	430	195	282	380	234	213
9	537	278	729	1130	695	514	405	196	294	390	206	215
10	545	363	739	1127	650	522	389	186	314	382	198	204
11	564	450	739	1113	622	512	378	189	338	373	199	200
12	580	571	723	1097	612	489	363	178	391	360	203	203
13	586	707	720	1092	604	465	343	176	414	343	217	210
14	582	780	718	1082	591	439	337	176	411	323	217	206
15	580	821	713	1092	581	420	329	177	388	303	208	204
16	568	849	696	1099	566	409	322	180	370	294	209	202
17	567	859	671	1100	553	394	315	174	341	283	213	215
18	561	849	642	1105	530	392	309	167	340	286	216	227
19	529	825	638	1112	499	384	307	165	379	287	228	232
20	486	780	662	1098	488	374	300	163	391	298	228	228
21	444	722	697	1083	475	367	281	164	374	302	233	235
22	393	666	727	1060	455	354	258	170	375	297	241	230
23	350	612	748	1032	435	348	261	174	382	297	250	223
24	296	539	729	993	419	350	304	176	421	291	255	211
25	293	475	688	952	398	342	358	177	462	291	243	219
26	318	437	680	901	386	340	383	165	515	298	224	221
27	385	418	704	857	382	329	418	155	544	290	232	229
28	444	403	729	824	387	314	422	163	569	278	233	245
29	457		767	805	404	299	387	193	581	259	237	271
30	464		804	807	414	279	334	201	584	254	244	301
31	473		879		400		286	203		249		313
MEAN	466	559	681	1030	588	400	347	182	383	345	226	229
MAX.	586	859	879	1130	880	522	450	239	584	580	255	313
MIN.	293	278	417	805	382	279	258	155	207	249	198	200

MAXIMUM DISCHARGE WAS 1,130,000 CFS ON APR. 9 (COLUMBUS STAGE, 45.5 FEET).
 MINIMUM DISCHARGE WAS 153,000 CFS AT 400 P.M. ON AUG. 27 (COLUMBUS STAGE,

DAILY DISCHARGES

7

A04

MISSISSIPPI RIVER AT HICKMAN, KY.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND FOR 1964

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	96	333	171	898	871	338	322	186	144	227	155	276
2	93	309	170	816	876	338	283	179	142	242	144	274
3	94	293	187	689	877	311	257	166	141	231	141	274
4	102	277	240	598	865	270	238	147	140	237	140	280
5	107	256	339	551	856	240	218	148	135	235	145	311
6	118	233	435	542	843	224	198	156	135	223	146	346
7	134	206	508	594	814	214	177	164	132	210	150	390
8	154	181	642	691	767	208	186	157	132	210	158	391
9	198	186	737	770	711	204	203	155	149	207	153	349
10	254	202	872	806	638	215	199	154	146	203	151	325
11	281	209	1008	814	571	214	202	141	147	170	148	333
12	299	216	1064	795	519	211	207	127	148	165	154	354
13	307	228	1061	779	464	218	211	131	149	158	150	362
14	306	215	1066	779	415	209	219	141	170	143	152	369
15	299	220	1085	782	388	205	223	124	185	148	161	387
16	286	224	1091	779	355	198	231	126	185	148	151	405
17	282	257	1102	766	339	226	232	140	176	154	152	429
18	276	298	1131	744	334	292	229	149	175	155	158	436
19	247	323	1147	700	331	347	224	150	155	149	166	426
20	178	337	1156	642	325	377	224	143	154	145	187	415
21	147	340	1165	577	318	389	218	138	166	151	211	391
22	176	343	1165	532	310	386	202	142	167	148	215	362
23	193	341	1155	555	291	371	192	162	169	145	210	318
24	205	332	1151	602	281	391	184	165	170	155	209	283
25	240	312	1138	687	271	401	181	154	155	162	210	257
26	276	290	1127	754	259	403	185	156	147	158	206	264
27	303	261	1106	794	252	406	181	169	145	138	215	284
28	319	206	1089	830	261	401	168	164	160	138	235	309
29	329	179	1053	846	275	386	165	159	176	142	254	332
30	331		1020	859	288	371	178	155	199	153	277	358
31	333		974		310		184	149		161		376
MEAN	224	262	882	719	492	298	210	151	156	174	176	344
MAX.	333	343	1165	898	877	406	322	186	199	242	277	436
MIN.	93	179	170	532	252	198	165	124	132	138	140	257

MAXIMUM DISCHARGE WAS 1,165,000 CFS ON MAR. 21 AND 22.

MINIMUM DISCHARGE WAS 93,000 CFS ON JAN. 2.

MEMPHIS DISTRICT, CORPS OF ENGINEERS.

DAILY STAGES AND DISCHARGES
MISSISSIPPI RIVER AT HICKMAN, KY.

Zero 264.73 feet M. S. L. (1959 adj.)

Computed daily discharge in thousand cubic feet per second for 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	194	812	754	537	424	432	221	206	194	266	280	369
2	192	812	721	549	422	431	230	192	206	286	279	390
3	201	810	684	550	428	452	231	186	208	291	263	395
4	208	804	650	559	441	490	227	181	207	296	256	398
5	212	790	617	572	448	532	242	189	215	292	266	397
6	238	764	594	587	448	550	264	201	206	298	277	397
7	248	719	580	601	442	538	292	213	200	304	294	397
8	250	666	566	602	443	508	304	270	209	320	299	392
9	250	600	563	594	449	490	287	277	201	363	292	383
10	246	518	567	584	449	474	266	305	192	411	303	372
11	224	466	563	595	459	456	240	304	192	460	296	366
12	189	468	550	617	487	415	232	281	188	474	289	368
13	175	506	553	630	502	339	223	254	185	490	281	390
14	162	592	567	634	491	312	221	222	173	502	276	435
15	162	678	584	624	478	288	217	216	164	447	278	480
16	188	746	594	599	462	274	211	204	157	402	261	503
17	208	791	591	569	447	272	202	198	159	368	252	523
18	247	830	585	553	429	259	197	240	144	332	261	545
19	268	856	583	542	422	243	212	248	140	305	261	570
20	292	864	584	557	445	231	214	220	133	291	261	611
21	341	861	581	578	468	222	196	220	129	286	251	652
22	440	852	572	580	471	208	199	219	126	276	235	685
23	549	848	552	573	476	183	198	203	125	258	226	696
24	651	855	549	561	482	183	194	187	129	239	228	678
25	714	856	549	560	492	190	214	181	130	234	231	638
26	757	830	547	564	504	202	227	174	135	229	245	600
27	791	804	544	547	502	205	233	166	151	241	276	551
28	806	708	546	516	502	209	230	162	180	248	283	512
29	802		534	482	492	204	225	178	206	257	304	486
30	802		523	445	470	210	226	190	232	269	344	485
31	806		524		446		216	183		281		495
Max	806	864	754	634	504	550	304	305	232	502	344	696
Min	167	466	523	445	422	183	194	162	125	229	226	366

DAILY STAGES AND DISCHARGES
MISSISSIPPI RIVER AT HICKMAN, KY.

Computed daily discharge in thousand cubic feet per second for 1958

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	831	590	313	584	735	323	459	914	266	278	160	259
2	827	595	374	563	770	286	446	907	264	274	155	270
3	827	588	443	552	798	269	418	933	254	256	155	285
4	816	574	484	557	828	273	372	955	219	239	162	280
5	799	548	507	558	839	278	322	964	211	222	168	270
6	765	517	532	562	847	283	303	962	215	201	161	258
7	728	496	552	564	867	309	297	968	230	201	151	261
8	673	503	562	576	890	292	350	953	220	207	164	276
9	612	520	567	596	920	264	378	931	224	203	153	293
10	540	530	577	603	942	255	401	906	235	192	155	299
11	460	521	592	604	941	260	428	856	248	188	159	300
12	384	500	599	612	941	296	429	801	257	190	152	301
13	333	480	601	621	940	340	422	743	271	207	153	288
14	311	472	597	625	939	391	425	695	274	223	143	274
15	305	464	588	627	938	423	450	646	270	235	159	253
16	300	449	568	625	938	474	509	602	271	228	159	201
17	301	419	540	624	942	514	613	550	266	211	155	175
18	299	381	509	619	942	551	685	514	260	204	187	174
19	301	341	495	601	935	584	760	492	252	190	209	167
20	307	315	485	582	932	588	819	463	264	174	235	156
21	326	286	466	556	923	574	870	437	284	165	265	158
22	381	270	449	530	904	558	906	418	308	166	296	158
23	419	275	438	514	858	545	952	402	326	169	326	155
24	440	241	461	504	775	534	983	395	333	166	314	154
25	457	211	524	484	671	528	1,005	370	307	161	311	153
26	475	197	570	478	570	524	1,013	335	292	152	304	151
27	501	212	587	512	480	515	1,006	317	290	151	286	148
28	526	261	596	557	417	505	992	325	287	159	260	142
29	553		607	619	369	484	966	317	299	165	256	142
30	573		610	683	347	469	953	302	292	168	259	168
31	585		598		325		934	286		160		186
Max.	831	595	610	683	942	588	1,013	968	333	278	326	301
Min.	299	197	313	478	325	255	297	286	211	151	143	142

DAILY STAGES AND DISCHARGES
MISSISSIPPI RIVER AT HICKMAN, KY.

Computed daily discharge in thousand cubic feet per second for 1957.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	361	780	557	351	656	856	485	375	151	177	246	649
2	350	812	557	345	637	801	529	351	151	175	226	608
3	335	846	560	351	606	732	598	311	154	180	217	556
4	318	872	552	400	575	675	644	294	159	181	207	482
5	301	900	526	538	559	619	666	276	162	173	202	438
6	295	935	499	670	552	587	652	270	163	170	202	405
7	299	966	484	770	537	559	624	263	159	167	196	398
8	295	989	480	824	510	543	614	254	159	160	212	419
9	282	1011	484	865	475	521	614	237	160	159	245	469
10	259	1031	493	898	437	548	609	223	162	163	252	536
11	228	1046	496	928	387	562	585	211	167	161	249	599
12	233	1052	495	950	344	548	543	215	169	156	244	640
13	259	1051	481	951	350	508	505	233	174	154	236	662
14	271	1040	459	937	347	480	474	223	180	151	322	669
15	293	1018	446	924	345	472	453	205	193	151	405	658
16	324	1006	440	919	336	483	441	198	187	155	464	640
17	364	990	430	928	335	539	431	189	195	166	501	621
18	383	971	419	935	345	565	419	183	212	165	546	628
19	380	948	407	934	388	562	404	182	203	162	643	630
20	362	923	385	934	464	542	376	180	196	158	738	633
21	334	903	367	932	544	517	358	183	203	164	780	676
22	307	882	351	925	600	492	329	180	198	166	815	720
23	305	851	343	916	740	477	321	181	196	169	838	755
24	339	799	342	893	860	482	326	169	188	183	846	784
25	397	717	335	868	924	487	326	169	190	188	838	805
26	439	634	358	831	967	484	331	167	192	195	822	823
27	466	590	380	782	978	473	312	163	190	227	801	825
28	489	566	399	730	980	458	318	157	199	253	772	822
29	534		411	690	964	444	325	153	196	258	732	822
30	628		399	669	943	456	330	151	193	266	685	827
31	720		376		905		367	151		261		829
Max.	720	1052	560	951	980	856	666	375	212	266	846	829
Min.	228	566	335	345	335	444	312	151	151	151	196	398

DAILY STAGES AND DISCHARGES
MISSISSIPPI RIVER AT HICKMAN, KY.

Computed daily discharge in thousand cubic feet per second for 1956.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	133	366	907	565	468	324	354	272	183	146	133	152
2	136	470	895	514	469	346	347	274	182	149	140	146
3	138	586	880	481	478	382	344	280	195	154	146	135
4	135	676	866	478	488	418	337	294	210	150	148	141
5	130	745	847	490	479	453	327	316	212	146	151	132
6	128	796	829	520	465	472	323	329	209	145	161	124
7	129	828	815	577	465	476	316	331	199	145	161	128
8	125	859	804	636	475	470	326	312	192	148	152	123
9	124	881	799	686	496	465	322	281	191	146	150	146
10	131	892	780	710	514	457	314	273	189	146	135	165
11	123	888	759	724	528	444	308	270	186	148	132	176
12	122	866	745	740	529	420	307	270	183	140	130	193
13	119	829	738	736	511	394	313	277	181	135	136	216
14	117	789	737	722	490	365	307	307	182	132	133	256
15	117	757	753	723	469	336	291	327	176	130	125	311
16	113	744	778	738	451	316	266	344	174	125	124	376
17	114	731	802	746	440	291	251	355	187	119	127	412
18	112	771	823	757	427	234	243	357	192	113	132	421
19	107	849	833	755	415	204	245	337	208	114	129	422
20	104	908	844	744	406	212	260	310	207	110	128	433
21	102	935	853	722	405	227	283	283	204	108	143	436
22	103	950	852	693	413	237	293	267	198	108	148	440
23	106	954	840	678	419	262	286	242	174	112	157	442
24	112	956	825	669	415	291	279	229	163	126	162	451
25	123	962	806	658	400	309	275	234	169	124	150	458
26	123	968	791	641	385	322	277	227	161	129	158	447
27	123	967	777	614	374	342	274	217	157	130	159	430
28	128	953	759	570	362	360	270	207	153	129	161	413
29	121	931	728	526	347	367	272	195	145	141	154	397
30	163		689	479	331	366	281	182	137	134	158	386
31	272		631		319		274	175		139		375
Max.	272	968	907	757	529	476	354	357	212	154	162	458
Min.	102	366	631	478	319	204	243	175	137	108	124	123

MISSISSIPPI RIVER AT HICKMAN, KY.

Gage.--Inclined and vertical staff type, at old ferry landing (Mile 932.1), just upstream from old gin and opposite south end of sea wall that protects business portion of Hickman; zero, 264.92 feet, m.s.l. (1929 adj.) or 264.80 feet, m.s.l.

Discharge range.--Mile 927.8, about four miles downstream from Hickman.

Records available.--Discharge, Mar. 26, 1927, to date (computed daily, 1928 to date). Gage, Dec. 10, 1929 to date.

Drainage area.--922,500 square miles.

Channel and control.--Sand bottom with shifting control. Stage-discharge relation is fairly permanent.

Extremes of discharge.--Maximum, 2,015,000 c.f.s. (observed) on Apr. 2, 1912 and Apr. 9, 1913, at stages of 48.5 and 49.3 respectively, on Columbus gage (influenced by crevasses); 2,010,000 c.f.s. (observed) on Feb. 4, 1937 at Tiptonville, Tenn. (Birds Point-New Madrid Floodway above Tiptonville being in operation), at a stage of 53.6 feet (Columbus gage on Feb. 2, allowing two days time travel between Columbus and Tiptonville. The flow through the floodway on a range opposite Columbus on this date was approximately 500,000 c.f.s.). Minimum, 69,000 c.f.s. (computed daily) on Aug. 22, 1936, at a stage of 5.0 feet (Columbus); discharge not determined for minimum stage of 0.05 ft. (Columbus) during Nov. 6 to 8, 1895.

Computed daily discharge in thousand cubic feet per second for 1955

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	418	211	885	1,198	629	379	288	213	135	162	167	265
2	427	210	872	1,166	621	388	279	197	151	166	160	242
3	425	211	866	1,112	607	380	267	189	159	170	186	211
4	436	227	871	1,051	586	357	241	171	165	183	200	202
5	463	245	883	964	561	320	229	165	162	189	215	208
6	498	265	880	888	532	310	224	155	157	168	217	232
7	515	290	873	808	504	304	222	156	144	175	205	258
8	514	349	871	745	457	304	223	160	137	231	195	262
9	597	411	880	694	410	311	234	170	132	291	191	260
10	631	462	896	642	368	324	255	179	131	328	195	257
11	640	509	916	593	310	337	284	194	124	323	192	251
12	624	526	932	573	276	364	297	191	117	287	192	229
13	594	537	939	560	271	388	298	202	119	267	184	242
14	566	549	950	560	295	410	299	213	119	246	175	206
15	543	548	953	574	322	412	303	205	114	230	159	178
16	514	538	954	580	363	410	299	198	114	217	160	177
17	482	523	958	572	397	409	282	200	112	197	193	178
18	456	503	967	567	420	402	283	189	110	198	222	181
19	425	478	982	549	420	383	283	182	113	214	227	171
20	396	457	1,012	541	404	359	276	170	110	202	246	154
21	370	458	1,057	555	392	321	281	171	113	177	258	146
22	350	510	1,110	566	383	301	270	168	111	176	280	131
23	325	647	1,152	570	375	289	253	176	120	160	287	139
24	292	772	1,198	578	361	281	236	178	131	155	282	126
25	254	845	1,259	600	340	284	231	170	126	160	281	121
26	260	874	1,269	622	321	273	223	170	136	152	288	120
27	269	891	1,270	637	310	267	227	163	134	145	291	120
28	262	895	1,262	645	308	263	223	157	132	136	287	140
29	255		1,237	645	316	272	223	139	128	142	287	148
30	250		1,230	636	322	283	220	138	130	153	278	148
31	223		1,221		349		221	136		163		142
Max.	640	895	1,270	1,198	629	412	303	213	165	328	291	265
Min.	223	210	866	541	271	263	220	136	110	136	159	120

MISSISSIPPI RIVER

MISSISSIPPI RIVER AT HICKMAN, KY.--Continued

Computed daily discharge in thousand cubic feet per second for 1954

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	151	527	277	332	465	244	319	143	273	148	295	185
2	134	471	296	327	453	242	307	139	260	158	283	205
3	126	392	321	321	451	266	303	153	229	166	295	204
4	131	326	332	321	450	305	309	157	206	171	287	200
5	131	281	331	323	445	331	316	152	201	165	263	199
6	132	242	328	336	445	347	323	165	198	165	249	220
7	132	224	329	360	472	367	324	182	194	187	231	244
8	133	202	341	377	507	387	303	194	183	200	232	252
9	132	189	358	387	520	390	285	205	173	214	232	233
10	130	184	380	395	521	377	276	209	154	235	215	223
11	125	177	401	384	513	367	255	211	141	236	197	217
12	136	159	411	360	502	352	238	219	134	226	202	205
13	142	160	406	343	494	326	245	205	131	231	196	210
14	151	161	385	337	485	323	243	185	129	262	196	221
15	158	157	358	332	478	316	238	186	126	287	182	219
16	172	159	332	329	482	310	242	187	125	304	175	218
17	237	173	303	342	480	307	235	177	127	331	173	220
18	301	194	282	361	474	301	232	171	129	332	170	223
19	361	221	275	387	464	314	240	183	131	329	161	229
20	394	244	282	419	452	327	232	186	140	330	152	232
21	422	264	287	438	438	334	236	188	181	343	153	256
22	457	284	290	447	427	333	252	195	214	335	162	260
23	488	297	293	452	412	330	255	196	229	370	160	247
24	524	298	284	471	383	320	262	206	231	410	164	258
25	562	287	279	505	366	299	266	207	197	440	171	265
26	583	277	295	514	346	285	266	190	193	467	179	268
27	592	262	310	508	332	291	270	174	180	466	199	278
28	592	248	318	497	312	307	276	183	162	452	194	287
29	585		332	479	291	325	265	206	166	427	176	310
30	573		332	470	273	325	221	244	159	400	174	346
31	554		329		253		156	277		346		381
Mean	305	252	325	392	432	322	264	190	177	295	204	242
Max.	592	527	411	514	521	390	324	277	273	467	295	381
Min.	125	157	275	321	253	242	156	139	125	148	152	185

Memphis District, Corps of Engineers.

MISSISSIPPI RIVER

MISSISSIPPI RIVER AT HICKMAN, KY.--Continued

Computed daily discharge in thousand cubic feet per second for 1953

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	188	463	604	637	552	568	321	218	183	119	112	112
2	191	464	584	656	575	535	322	220	178	116	112	114
3	198	452	574	687	575	502	332	220	170	114	112	113
4	203	434	637	719	558	470	341	221	166	112	112	115
5	201	418	690	737	544	440	336	215	158	112	111	119
6	204	405	730	740	552	422	336	216	159	116	112	118
7	208	401	758	731	557	410	352	223	165	117	112	128
8	220	395	775	702	542	403	360	227	159	116	112	131
9	244	385	780	671	528	402	363	228	157	116	110	126
10	248	379	765	641	525	404	371	231	149	115	111	138
11	267	368	739	623	539	411	377	248	145	118	113	151
12	301	375	710	604	552	412	356	256	142	114	115	162
13	346	418	681	586	562	410	344	252	134	110	116	142
14	390	473	648	573	561	406	329	253	134	109	115	155
15	421	511	638	568	566	395	304	257	138	110	112	172
16	443	526	639	558	583	421	285	249	136	116	110	170
17	446	531	638	551	609	439	275	239	142	111	109	162
18	422	513	633	550	662	431	261	240	138	114	109	170
19	394	494	659	566	721	419	255	240	133	113	109	170
20	383	472	664	575	767	417	253	228	131	111	109	173
21	388	453	667	573	786	412	253	219	129	110	110	165
22	399	464	670	574	780	397	251	211	138	110	110	178
23	415	496	677	574	764	379	261	201	133	109	112	181
24	436	536	704	568	733	349	265	195	135	107	123	168
25	447	584	725	568	692	325	270	191	132	106	118	161
26	459	616	721	576	668	300	263	190	130	106	112	159
27	461	632	695	583	659	300	248	195	131	108	110	160
28	452	629	674	570	654	311	238	195	128	108	110	157
29	447		657	546	641	315	237	188	129	110	111	154
30	451		641	532	622	316	225	182	126	114	112	142
31	456		635		596		221	187		112		150
Mean	346	475	678	611	620	404	297	220	144	112	112	149
Max.	461	632	780	740	786	568	377	257	183	119	123	181
Min.	188	368	574	532	525	300	221	182	126	106	109	112

Memphis District, Corps of Engineers.

MISSISSIPPI RIVER AT HICKMAN, KY.

Gage.--Inclined and vertical staff type, at old ferry landing (Mile 932.1), just upstream from old gin and opposite south end of sea wall that protects business portion of Hickman; zero, 264.92 ft., m.s.l. (1929 adj.) or 264.80 feet m.g.l.

Discharge range.--One and eight-tenths and 2.1 miles downstream from gage.

Records available.--Discharge, Mar. 26, 1927, to date (Computed daily, 1928 to date). Gage, Dec. 10, 1929, to date.

Drainage area.--922,500 square miles.

Channel and control.--Sand bottom with shifting control. Stage-discharge relation is fairly permanent.

Extremes of discharge.--Maximum, 2,015,000 c.f.s. (observed) on Apr. 2, 1912, and Apr. 9, 1913, at stages of 48.5 and 49.3, respectively, on Columbus gage (influenced by crevasses); 2,010,000 c.f.s. (observed) on Feb. 4, 1937, at Tiptonville, Tenn. (Birds Point-New Madrid Floodway, above Tiptonville, being in operation), at a stage of 53.6 feet (Columbus gage on Feb. 2, allowing two days' time travel between Columbus and Tiptonville. The flow through the floodway on a range opposite Columbus on this date was approx. 500,000 c.f.s.). Minimum, 69,000 c.f.s. (computed daily) on Aug. 22, 1936, at a stage of 5.0 feet (Columbus); discharge not determined for minimum stage of 0.05 foot (Columbus) during Nov. 6 to 8, 1895.

Computed daily discharge in thousand cubic feet per second for 1952

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	844	908	513	1130	919	594	412	232	195	142	125	165
2	859	947	487	1149	937	567	393	229	195	138	120	165
3	839	988	456	1132	957	547	385	221	204	136	119	169
4	826	1031	463	1102	979	526	398	217	204	133	118	173
5	812	1057	501	1086	999	515	392	226	203	131	117	190
6	812	1087	552	1092	988	506	375	230	202	135	117	199
7	810	1128	584	1041	962	499	358	231	206	129	115	208
8	825	1135	581	1011	920	474	346	229	207	126	118	211
9	834	1133	562	983	846	438	322	222	202	121	118	204
10	847	1112	560	959	788	360	310	226	197	120	118	211
11	860	1090	620	926	744	323	313	246	183	122	123	230
12	866	1077	712	876	663	340	309	278	171	127	126	244
13	918	1061	812	894	646	347	300	268	160	126	121	261
14	930	1042	903	908	618	349	295	262	161	134	118	260
15	925	1016	979	907	595	333	304	257	161	138	118	264
16	891	1021	1035	901	566	328	310	256	163	135	124	265
17	852	986	1062	890	546	334	310	256	174	134	120	266
18	812	959	1072	886	530	347	317	258	168	129	123	268
19	771	912	1080	888	522	354	301	281	160	126	130	273
20	709	851	1095	882	529	354	293	278	162	125	139	274
21	663	849	1089	888	529	354	289	272	171	127	151	267
22	640	829	1094	888	530	352	290	263	157	127	157	238
23	654	733	1128	884	526	358	295	253	146	127	163	215
24	688	672	1156	929	515	381	295	270	157	124	177	208
25	716	633	1203	953	518	394	277	283	155	124	190	201
26	742	615	1221	953	536	438	266	290	151	123	192	202
27	760	590	1216	923	551	486	259	284	143	122	179	202
28	791	564	1218	909	584	493	249	264	139	121	177	199
29	814	546	1177	918	605	477	249	238	141	125	166	190
30	841		1148	918	625	450	244	221	138	131	167	173
31	873		1132		605		238	206		128		175
Mean	807	916	884	960	690	421	313	250	173	129	138	218
Max	930	1135	1221	1149	999	594	412	290	207	142	192	274
Min.	640	546	456	876	515	323	238	206	138	120	115	165

MISSISSIPPI RIVER AT HICKMAN, KY.

Computed daily discharge in thousand cubic feet per second for 1951

Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
273	620	1140	985	860	465	703	720	406	291	313	636
279	617	1108	1029	817	467	728	646	419	287	307	626
288	644	1100	1100	768	465	748	566	409	280	309	616
328	666	1120	1131	741	463	768	490	377	270	307	621
401	686	1114	1126	735	472	788	418	351	259	321	639
480	715	1094	1102	747	456	807	361	348	249	328	651
554	759	1075	1051	770	458	820	331	341	237	320	667
612	805	1064	1000	789	492	828	305	358	237	310	678
642	840	1059	968	806	534	828	292	378	246	315	715
648	865	1048	958	823	554	838	288	389	258	318	764
652	875	1038	960	824	559	847	288	411	274	322	786
659	876	1028	962	814	562	843	284	424	288	324	810
677	872	1013	963	788	572	839	294	433	294	329	832
725	854	992	970	759	582	838	315	454	277	361	853
820	830	956	978	747	588	844	316	465	271	413	881
881	820	916	985	737	590	856	308	471	265	491	912
902	854	883	992	728	584	869	296	465	255	566	923
908	855	860	995	721	579	880	289	467	248	611	906
905	853	865	999	709	567	891	289	473	240	630	879
892	907	916	1000	690	566	893	297	471	230	629	848
876	960	956	1004	668	579	894	319	462	217	606	829
863	1026	954	1020	639	590	888	337	455	217	576	807
848	1092	940	1046	608	578	889	353	432	225	556	786
836	1134	924	1061	583	573	882	351	400	246	563	772
828	1167	909	1061	560	590	882	332	391	269	578	773
820	1174	896	1053	535	605	890	317	391	287	603	781
807	1163	856	1034	514	605	891	306	375	306	628	792
785	1150	805	999	495	609	882	321	347	312	646	803
756		837	956	479	634	861	352	325	316	653	815
727		890	909	463	667	822	376	308	326	646	826
660		940		462		777	396		321		832
688	881	977	1013	690	554	839	360	407	268	463	776
908	1174	1140	1131	860	667	891	720	473	326	653	923
273	617	805	909	462	456	703	284	308	217	307	616

ARMY, CE ENGINEERS (CLASS A)

MISSISSIPPI RIVER

MISSISSIPPI RIVER AT HICKMAN, KY.--Continued

Computed daily discharge in thousand cubic feet per second for 1950

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	557	1,398	1,207	765	646	529	629	520	350	447	201	477
2	545	1,394	1,132	778	701	544	567	523	445	414	195	445
3	596	1,392	1,063	817	741	562	521	521	490	357	198	430
4	708	1,388	1,020	878	766	584	488	504	534	273	199	420
5	844	1,385	974	934	780	609	454	479	573	248	208	435
6	950	1,383	933	981	785	649	420	452	582	245	224	474
7	1,028	1,380	873	1,005	781	681	376	413	566	239	242	536
8	1,088	1,374	812	1,020	781	690	372	356	545	250	249	604
9	1,134	1,372	754	1,031	783	679	374	325	545	262	273	656
10	1,166	1,378	700	1,037	784	660	376	302	557	285	307	698
11	1,188	1,388	662	1,039	799	643	378	286	547	292	331	726
12	1,248	1,413	650	1,032	817	616	379	288	511	286	371	744
13	1,320	1,503	672	1,011	831	594	380	291	474	283	405	755
14	1,406	1,560	730	988	850	588	376	295	440	283	428	767
15	1,453	1,564	785	960	871	586	360	305	402	273	435	780
16	1,483	1,540	835	928	878	575	325	329	372	255	429	787
17	1,510	1,500	867	882	864	559	344	339	358	260	411	800
18	1,534	1,483	892	839	833	542	386	360	347	261	384	806
19	1,538	1,472	912	784	793	528	397	411	330	258	350	804
20	1,527	1,460	922	719	752	532	406	421	285	244	321	794
21	1,515	1,458	923	657	708	539	421	404	269	230	341	765
22	1,500	1,458	912	593	679	554	481	374	271	214	379	715
23	1,488	1,455	855	546	670	609	536	341	289	206	431	642
24	1,458	1,422	768	517	653	682	568	313	299	218	485	557
25	1,422	1,400	715	512	633	752	587	291	323	219	524	477
26	1,430	1,380	674	511	600	798	592	271	366	213	544	408
27	1,434	1,347	668	511	570	819	579	251	410	203	545	354
28	1,430	1,280	731	520	538	807	557	235	443	205	538	316
29	1,420		768	544	513	762	536	237	457	211	530	292
30	1,403		768	591	509	699	520	246	459	203	504	280
31	1,400		762		517		513	260		207		275
Mean	1,249	1,426	837	798	723	632	458	353	428	259	366	581
Max.	1,538	1,564	1,207	1,039	878	819	629	523	582	447	545	806
Min.	545	1,280	650	511	509	528	325	235	269	203	195	275

Memphis District, Corps of Engineers.

MISSISSIPPI RIVER AT HICKMAN, KY.--Continued

Computed daily discharge in thousand cubic feet per second for 1949

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	582	1,256	1,155	985	457	412	494	247	214	172	278	213
2	545	1,231	1,115	1,015	459	412	482	250	213	159	316	245
3	515	1,216	1,073	1,024	469	396	468	254	207	157	322	228
4	508	1,205	1,027	1,015	482	370	460	258	208	162	320	223
5	556	1,193	984	987	492	326	443	255	203	178	318	225
6	644	1,175	934	944	496	349	395	249	205	217	325	224
7	717	1,151	876	900	478	390	358	239	198	249	328	228
8	777	1,116	802	852	452	415	327	239	181	257	325	231
9	822	1,090	745	801	430	412	296	241	175	261	320	210
10	858	1,060	737	747	424	393	283	224	174	262	301	183
11	894	1,017	766	697	424	363	303	207	169	250	239	196
12	921	976	802	656	415	334	337	199	168	248	211	243
13	946	930	830	627	393	318	380	205	177	266	221	324
14	977	907	847	617	370	326	402	211	219	283	221	411
15	989	904	853	623	354	337	433	229	272	283	213	476
16	987	915	843	648	337	374	443	253	307	282	200	515
17	974	939	828	644	305	468	455	256	328	279	193	545
18	954	956	819	632	300	556	470	259	334	278	195	574
19	936	971	802	626	294	606	476	266	320	271	193	600
20	917	989	777	624	290	631	481	288	313	274	193	611
21	890	1,018	746	624	290	612	476	262	290	269	194	611
22	866	1,052	724	619	288	582	488	258	277	276	197	618
23	853	1,088	703	607	305	528	495	255	256	327	194	632
24	873	1,138	680	585	325	471	467	257	232	389	193	653
25	959	1,185	674	556	343	436	447	244	210	435	189	673
26	1,034	1,201	689	534	361	417	424	214	197	417	187	667
27	1,091	1,194	755	515	398	398	399	205	195	378	190	639
28	1,148	1,178	825	499	406	408	374	193	189	351	190	608
29	1,216		880	481	408	440	348	187	185	323	194	596
30	1,286		918	468	413	476	290	199	171	299	208	590
31	1,296		955		415		254	213		276		581
Mean	888	1,080	844	705	389	432	408	236	226	275	239	438
Max.	1,296	1,256	1,155	1,024	496	631	495	288	334	435	328	673
Min.	508	904	674	468	288	318	254	187	168	157	187	183

Memphis District, Corps of Engineers.

MISSISSIPPI RIVER AT HICKMAN, KY.--Continued

Computed daily discharge in thousand cubic feet per second for 1948

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	175	160	986	1,306	924	250	485	532	172	122	128	481
2	256	157	986	1,330	854	242	461	482	163	122	132	520
3	345	161	1,002	1,342	762	238	458	411	165	118	145	541
4	388	165	1,039	1,336	653	233	458	380	151	128	157	572
5	407	171	1,085	1,330	557	232	446	392	156	137	168	608
6	422	175	1,104	1,300	487	230	413	383	158	131	217	644
7	431	225	1,104	1,242	451	219	394	363	153	128	266	654
8	429	264	1,090	1,197	456	215	395	352	156	123	297	646
9	429	286	1,065	1,134	469	212	366	347	160	128	300	614
10	429	303	1,031	1,094	477	218	337	339	164	128	297	566
11	424	312	990	1,056	492	234	321	323	156	129	305	514
12	412	343	939	1,039	522	239	298	309	140	142	305	460
13	393	410	863	1,052	544	232	281	291	148	155	285	416
14	370	498	755	1,065	557	227	265	280	150	151	248	377
15	347	624	641	1,080	557	236	249	247	151	140	247	347
16	322	719	568	1,094	582	243	238	233	148	135	248	346
17	303	808	557	1,094	616	251	264	241	136	137	236	396
18	297	880	602	1,085	610	246	281	236	140	154	230	467
19	297	939	650	1,080	590	243	283	229	134	164	243	545
20	297	990	695	1,085	568	248	302	209	133	169	297	605
21	290	1,031	743	1,085	536	259	316	207	137	163	342	647
22	274	1,070	799	1,090	509	280	331	205	137	150	379	675
23	214	1,099	874	1,090	477	302	367	203	155	147	380	678
24	181	1,104	978	1,090	448	319	384	204	153	144	363	668
25	180	1,104	1,065	1,085	422	373	421	200	152	141	348	662
26	169	1,109	1,124	1,080	398	424	452	199	147	134	340	675
27	184	1,094	1,165	1,070	374	457	485	186	151	130	354	697
28	188	1,056	1,203	1,048	354	494	545	171	149	126	378	695
29	203	1,010	1,230	1,022	332	503	584	168	138	128	403	691
30	198		1,265	982	297	498	583	170	129	130	432	672
31	172		1,288		266		563	175		128		637
Mean	304	630	951	1,133	521	287	388	280	149	137	282	571
Max.	431	1,109	1,288	1,342	924	503	584	532	172	169	432	697
Min.	169	157	557	982	266	212	238	168	129	118	128	346

Memphis District, Corps of Engineers.

MISSISSIPPI RIVER AT HICKMAN, KY.--Continued

Computed daily discharge in thousand cubic feet per second for 1947

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	341	827	260	541	1,035	818	878	284	181	150	169	213
2	372	790	256	571	1,031	824	888	280	179	139	171	208
3	444	771	258	596	1,021	834	894	264	180	138	192	184
4	514	749	261	618	1,010	834	920	264	178	132	195	169
5	582	734	256	644	991	834	943	258	184	134	185	167
6	650	719	256	647	980	837	959	249	180	143	190	152
7	707	689	264	665	955	837	951	247	165	143	200	156
8	746	653	297	734	920	844	932	243	169	143	206	203
9	762	618	322	799	877	844	909	241	182	148	209	241
10	737	582	339	847	837	840	891	239	193	149	201	270
11	686	541	358	898	796	837	870	241	203	141	206	299
12	641	490	379	959	752	852	847	249	198	138	204	305
13	571	438	393	998	716	877	818	237	188	137	195	293
14	546	390	400	1,039	677	920	780	206	164	148	193	270
15	503	341	405	1,070	638	966	737	204	156	153	196	250
16	481	284	414	1,094	602	998	689	209	172	142	209	254
17	500	234	474	1,114	565	1,039	630	218	174	137	223	260
18	538	260	528	1,120	541	1,052	565	201	172	132	227	262
19	599	278	541	1,121	521	1,039	517	195	176	130	223	260
20	624	282	546	1,109	525	1,015	492	209	176	130	219	247
21	722	278	568	1,086	549	994	466	211	164	141	218	236
22	780	326	579	1,056	599	966	441	208	157	149	201	237
23	815	337	568	1,018	659	939	417	206	157	152	211	243
24	831	339	552	994	704	918	393	206	167	141	213	232
25	850	332	538	974	743	905	363	203	188	134	208	204
26	870	288	518	971	786	894	341	212	195	138	204	180
27	888	272	498	978	815	884	305	218	178	154	204	169
28	898	266	490	994	834	874	280	227	165	169	204	174
29	891		492	1,010	841	874	288	227	161	164	213	181
30	874		503	1,022	837	877	288	220	160	158	214	178
31	857		517		831		280	201		158		169
Mean	672	468	420	910	780	902	644	228	175	144	203	221
Max.	898	827	579	1,121	1,035	1,052	959	284	203	169	227	305
Min.	341	234	256	541	521	818	280	195	156	130	169	152

MISSISSIPPI RIVER AT HICKMAN, KY.--Continued

Computed daily discharge in thousand cubic feet per second for 1946

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	469	386	725	867	324	525	588	223	171	200	221	330
2	461	374	701	854	386	500	549	228	154	201	228	293
3	464	363	671	837	414	487	506	206	162	186	290	290
4	466	365	627	805	431	498	469	213	169	182	393	270
5	456	402	563	768	444	528	441	208	164	181	448	249
6	448	444	524	728	458	560	412	230	156	178	477	225
7	454	498	538	680	492	590	400	268	146	175	477	214
8	571	568	579	638	514	618	398	264	<u>144</u>	171	454	200
9	771	624	644	599	514	627	393	241	<u>144</u>	161	431	199
10	913	686	701	574	500	618	393	236	148	148	407	199
11	1,014	731	725	563	503	599	390	225	184	145	390	195
12	1,104	762	731	541	519	563	393	198	221	147	405	208
13	1,221	790	733	492	528	519	367	192	227	161	428	256
14	1,288	831	722	446	541	474	365	188	214	167	441	318
15	1,360	867	707	422	533	417	345	181	209	167	412	345
16	1,438	913	683	407	519	388	328	188	213	160	381	376
17	<u>1,449</u>	943	674	383	533	372	322	303	227	178	361	405
18	1,398	955	683	381	560	355	303	431	206	195	361	412
19	1,346	966	704	383	593	356	295	514	193	216	400	407
20	1,302	979	731	388	641	386	276	511	187	241	386	393
21	1,268	982	743	388	680	436	284	498	184	241	356	367
22	1,208	978	762	376	695	509	318	474	178	245	347	328
23	1,170	962	790	363	689	568	350	441	184	260	339	266
24	1,094	935	811	347	671	616	363	370	192	258	324	256
25	998	902	824	332	683	659	343	322	184	266	309	247
26	880	854	831	314	695	677	305	280	193	264	299	252
27	749	805	844	303	671	677	268	243	188	237	322	254
28	618	762	860	305	659	666	237	211	186	214	361	249
29	517		866	316	636	653	227	193	198	220	361	239
30	456		874	316	596	624	220	186	186	220	367	282
31	407		870		554		204	181		225		316
Mean	895	737	724	504	554	536	357	279	164	200	373	285
Max.	<u>1,449</u>	982	874	867	695	677	588	514	227	266	477	412
Min.	407	363	524	303	324	355	204	181	144	145	221	195

DAILY STAGES AND DISCHARGES

23

MISSISSIPPI RIVER AT HICKMAN, KY.--Continued

Computed daily discharge in thousand cubic feet per second for 1945

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	503	219	1,060	1,385	884	790	743	257	156	540	217	469
2	588	221	1,078	1,426	863	752	670	261	148	585	191	438
3	647	217	1,104	1,462	850	715	621	273	<u>147</u>	602	190	409
4	691	208	1,132	1,470	840	682	607	286	149	590	190	380
5	712	195	1,171	1,453	811	647	599	278	165	579	202	363
6	721	193	1,225	1,409	752	604	596	267	162	574	200	366
7	718	179	1,298	1,362	700	568	579	273	166	551	212	386
8	712	182	1,362	1,298	679	562	540	288	155	513	215	414
9	706	193	1,418	1,237	650	630	497	295	154	471	228	451
10	688	200	1,462	1,181	647	697	456	249	162	438	245	453
11	670	203	<u>1,470</u>	1,122	679	762	440	243	180	425	259	443
12	654	205	1,435	1,078	718	799	432	271	177	409	259	435
13	630	226	1,409	1,022	712	827	409	265	182	399	265	445
14	596	269	1,392	974	697	867	378	273	180	380	290	443
15	557	315	1,418	990	676	904	356	269	187	353	310	396
16	518	351	1,435	1,018	665	926	344	271	196	320	324	425
17	484	388	1,444	1,031	706	951	329	261	193	253	336	458
18	456	474	1,453	1,047	740	978	322	253	203	228	346	456
19	440	574	1,435	1,035	765	990	320	259	200	223	346	435
20	427	653	1,409	1,035	799	990	320	259	200	215	336	399
21	425	724	1,400	1,026	834	998	312	247	195	203	339	348
22	427	796	1,400	1,022	873	1,006	284	236	203	208	360	295
23	427	844	1,400	1,018	911	1,014	267	224	210	223	404	253
24	425	877	1,400	1,014	944	1,018	261	207	226	224	456	219
25	414	911	1,377	1,010	963	1,022	271	214	275	215	490	245
26	399	948	1,370	994	963	1,022	278	221	358	212	500	263
27	368	1,002	1,354	978	955	1,006	275	221	393	221	516	308
28	339	1,039	1,332	948	929	974	267	205	425	239	524	348
29	306		1,311	926	901	915	257	193	464	241	508	425
30	275		1,318	908	867	827	243	196	492	236	492	466
31	236		1,362		831		245	172		228		484
Mean	521	457	1,343	1,129	800	848	404	248	223	358	325	391
Max.	721	1,039	1,470	1,470	963	1,022	743	295	492	602	524	484
Min.	236	179	1,060	908	647	562	243	172	<u>147</u>	203	190	219

DAILY DISCHARGE IN SECOND FEET, Mississippi RIVER AT Blackman, Ky.
FOR THE YEAR ENDING DECEMBER 31, 1944

FORM 13-22

Day	January	February	March	April	May	June	July	August	September	October	November	December	REMARKS
1	162,000	173,000	748,000	1,059,000	1,333,000	665,000	594,000	240,000	289,000	190,000	144,000	196,000	Daily flows were determined from a flow hydrograph based on actual discharge observations supplemented by a rating table.
2	169,000	193,000	805,000	1,088,000	1,320,000	689,000	561,000	249,000	341,000	227,000	144,000	199,000	
3	180,000	198,000	838,000	1,102,000	1,312,000	707,000	531,000	253,000	374,000	252,000	136,000	198,000	
4	185,000	202,000	866,000	1,104,000	1,307,000	712,000	509,000	229,000	377,000	266,000	141,000	202,000	
5	212,000	196,000	886,000	1,094,000	1,304,000	690,000	484,000	203,000	323,000	272,000	136,000	191,000	Flows are mean for 24 hours at 12:00 noon.
6	254,000	190,000	900,000	1,069,000	1,303,000	673,000	474,000	182,000	313,000	270,000	143,000	177,000	
7	266,000	183,000	920,000	1,031,000	1,311,000	649,000	466,000	183,000	320,000	281,000	138,000	171,000	
8	268,000	184,000	935,000	983,000	1,317,000	615,000	455,000	178,000	280,000	285,000	148,000	170,000	
9	258,000	150,000	942,000	924,000	1,306,000	578,000	443,000	202,000	264,000	286,000	161,000	176,000	Time basis is Central War Time.
10	259,000	165,000	940,000	846,000	1,276,000	546,000	433,000	198,000	235,000	264,000	170,000	208,000	
11	268,000	200,000	935,000	801,000	1,241,000	518,000	430,000	210,000	203,000	249,000	167,000	257,000	
12	274,000	250,000	925,000	808,000	1,196,000	495,000	417,000	225,000	214,000	236,000	163,000	271,000	
13	265,000	264,000	910,000	858,000	1,157,000	474,000	400,000	202,000	208,000	223,000	156,000	274,000	
14	239,000	256,000	897,000	941,000	1,120,000	460,000	394,000	190,000	186,000	208,000	155,000	256,000	
15	154,000	244,000	868,000	1,033,000	1,083,000	465,000	384,000	183,000	174,000	185,000	155,000	238,000	
16	157,000	234,000	830,000	1,112,000	1,035,000	473,000	345,000	186,000	165,000	189,000	148,000	223,000	
17	158,000	207,000	780,000	1,175,000	973,000	480,000	324,000	173,000	155,000	187,000	148,000	215,000	
18	164,000	236,000	750,000	1,229,000	905,000	487,000	322,000	185,000	148,000	164,000	144,000	197,000	
19	167,000	272,000	744,000	1,270,000	831,000	489,000	312,000	195,000	151,000	158,000	160,000	164,000	
20	167,000	325,000	794,000	1,286,000	759,000	491,000	302,000	200,000	152,000	146,000	168,000	171,000	
21	161,000	370,000	850,000	1,288,000	696,000	495,000	300,000	198,000	144,000	136,000	166,000	177,000	
22	162,000	408,000	900,000	1,271,000	650,000	473,000	297,000	202,000	139,000	144,000	176,000	186,000	
23	171,000	432,000	935,000	1,272,000	612,000	470,000	275,000	188,000	144,000	172,000	180,000	190,000	
24	172,000	463,000	965,000	1,287,000	577,000	492,000	273,000	215,000	150,000	173,000	187,000	183,000	
25	170,000	496,000	968,000	1,321,000	562,000	532,000	270,000	212,000	163,000	180,000	188,000	188,000	
26	166,000	538,000	948,000	1,337,000	552,000	539,000	265,000	196,000	163,000	191,000	205,000	202,000	
27	151,000	570,000	926,000	1,346,000	554,000	554,000	260,000	183,000	159,000	201,000	194,000	219,000	
28	150,000	599,000	924,000	1,356,000	577,000	568,000	254,000	209,000	172,000	192,000	185,000	262,000	
29	150,000	664,000	945,000	1,360,000	604,000	582,000	245,000	216,000	189,000	178,000	187,000	293,000	MEAN FOR YEAR 452,000
30	161,000		985,000	1,346,000	625,000	591,000	232,000	221,000	182,000	143,000	210,000	366,000	
31	168,000		1,027,000		648,000		226,000	253,000		144,000		435,000	
MEAN	194,000	305,000	890,000	1,133,000	969,000	555,000	370,000	205,000	216,000	206,000	163,000	221,000	
MAXIMUM	274,000	664,000	1,027,000	1,360,000	1,353,000	712,000	594,000	253,000	377,000	286,000	210,000	435,000	
MINIMUM	150,000	150,000	744,000	801,000	592,000	460,000	226,000	173,000	139,000	136,000	136,000	164,000	

DAILY DISCHARGE IN SECOND FEET, ----- ¹¹1881, 1891 ----- RIVER AT ----- Hickman, Ky. -----
FOR THE YEAR ENDING DECEMBER 31, 1943.

FORM 13.22

Day	January	February	March	April	May	June	July	August	September	October	November	December	REMARKS
1	1,021,000	437,000	364,000	1,254,000	972,000	1,432,000	753,000	333,000	213,000	129,000	154,000	150,000	Daily flows were determined from a flow hydrograph based on actual discharge observations, supplemented by a rating table.
2	1,090,000	444,000	373,000	1,250,000	956,000	1,383,000	744,000	364,000	212,000	130,000	152,000	149,000	
3	1,153,000	466,000	385,000	1,200,000	922,000	1,321,000	716,000	367,000	194,000	124,000	156,000	145,000	
4	1,200,000	502,000	400,000	1,155,000	864,000	1,254,000	679,000	372,000	179,000	128,000	164,000	144,000	
5	1,213,000	537,000	407,000	1,088,000	780,000	1,182,000	634,000	377,000	184,000	128,000	153,000	146,000	
6	1,206,000	586,000	401,000	1,019,000	689,000	1,105,000	600,000	375,000	185,000	124,000	147,000	150,000	Flows are mean for 24 hours at 12:00 noon.
7	1,182,000	644,000	385,000	920,000	612,000	1,026,000	568,000	379,000	196,000	128,000	159,000	147,000	
8	1,175,000	702,000	370,000	829,000	553,000	963,000	547,000	358,000	194,000	130,000	175,000	143,000	Time basis is Central War Time.
9	1,174,000	746,000	355,000	714,000	518,000	908,000	536,000	367,000	178,000	129,000	167,000	140,000	
10	1,180,000	782,000	344,000	667,000	511,000	878,000	533,000	385,000	184,000	128,000	163,000	139,000	
11	1,186,000	804,000	345,000	620,000	583,000	862,000	541,000	422,000	175,000	124,000	194,000	143,000	
12	1,185,000	806,000	378,000	586,000	695,000	849,000	544,000	424,000	168,000	125,000	194,000	145,000	
13	1,158,000	795,000	438,000	550,000	742,000	837,000	547,000	408,000	177,000	124,000	210,000	154,000	
14	1,123,000	783,000	536,000	548,000	718,000	833,000	540,000	322,000	194,000	123,000	214,000	156,000	
15	1,070,000	768,000	620,000	562,000	817,000	824,000	533,000	277,000	195,000	128,000	212,000	158,000	
16	1,006,000	750,000	672,000	578,000	858,000	819,000	524,000	288,000	179,000	118,000	199,000	159,000	
17	925,000	721,000	708,000	592,000	877,000	815,000	510,000	302,000	178,000	126,000	177,000	156,000	
18	822,000	690,000	752,000	605,000	910,000	807,000	490,000	306,000	177,000	145,000	184,000	149,000	
19	693,000	660,000	818,000	616,000	944,000	795,000	477,000	312,000	170,000	140,000	185,000	134,000	
20	569,000	628,000	907,000	631,000	1,002,000	788,000	474,000	310,000	166,000	128,000	185,000	131,000	
21	450,000	590,000	968,000	661,000	1,070,000	783,000	466,000	304,000	162,000	123,000	182,000	130,000	
22	408,000	544,000	1,026,000	702,000	1,132,000	782,000	443,000	282,000	171,000	123,000	170,000	122,000	
23	375,000	503,000	1,088,000	750,000	1,182,000	782,000	411,000	262,000	183,000	125,000	167,000	118,000	
24	372,000	466,000	1,132,000	812,000	1,228,000	779,000	375,000	235,000	175,000	143,000	167,000	116,000	
25	380,000	427,000	1,161,000	867,000	1,272,000	772,000	360,000	208,000	175,000	147,000	168,000	115,000	
26	396,000	390,000	1,184,000	914,000	1,302,000	752,000	342,000	203,000	165,000	130,000	179,000	117,000	
27	413,000	366,000	1,204,000	939,000	1,352,000	738,000	334,000	191,000	155,000	155,000	158,000	118,000	
28	430,000	358,000	1,220,000	958,000	1,416,000	735,000	326,000	193,000	147,000	169,000	166,000	142,000	MEAN FOR YEAR 524,000
29	443,000		1,234,000	969,000	1,457,000	740,000	322,000	192,000	132,000	155,000	158,000	163,000	
30	446,000		1,246,000	974,000	1,466,000	750,000	321,000	199,000	133,000	140,000	151,000	165,000	
31	441,000		1,254,000		1,465,000		326,000	202,000	177,000	133,000	173,000	142,000	
MEAN	835,000	603,000	731,000	818,000	965,000	910,000	500,000	307,000	177,000	133,000	173,000	142,000	
HAZARD	1,213,000	806,000	1,254,000	1,254,000	1,466,000	1,432,000	753,000	424,000	213,000	169,000	214,000	165,000	
NUMBER	372,000	358,000	344,000	548,000	511,000	735,000	321,000	191,000	132,000	118,000	147,000	115,000	

DAILY DISCHARGE IN SECOND FEET, MISSISSIPPI RIVER AT Columbus, KY.
FOR THE YEAR ENDING DECEMBER 31, 19 42

Day	January	February	March	April	May	June	July	August	September	October	November	December	REMARKS
1	415,000	320,000	598,000	775,000	272,000	617,000	827,000	216,000	326,000	265,000	208,000	508,000	Daily flows were determined from a flow hydrograph based on actual discharge observations, supplemented by a rating table. Flows are the mean for 24 hours at 12:00 Noor. Time basis Central Standard Time prior to 2:00 a. m. February 9, 1942; Central War Time thereafter. To convert War Time to Standard Time, subtract one hour.
2	417,000	328,000	545,000	725,000	260,000	591,000	835,000	215,000	300,000	271,000	231,000	480,000	
3	418,000	328,000	495,000	690,000	261,000	544,000	825,000	218,000	245,000	275,000	242,000	458,000	
4	419,000	321,000	454,000	649,000	275,000	490,000	814,000	227,000	215,000	285,000	269,000	440,000	
5	403,000	309,000	414,000	600,000	295,000	415,000	799,000	244,000	204,000	293,000	267,000	430,000	
6	372,000	311,000	393,000	557,000	302,000	337,000	778,000	252,000	196,000	288,000	268,000	430,000	
7	342,000	370,000	379,000	531,000	311,000	326,000	750,000	268,000	205,000	259,000	275,000	437,000	
8	318,000	448,000	373,000	508,000	352,000	332,000	714,000	292,000	208,000	252,000	285,000	470,000	
9	277,000	526,000	395,000	572,000	401,000	336,000	687,000	318,000	215,000	253,000	297,000	502,000	
10	253,000	607,000	445,000	673,000	422,000	368,000	663,000	367,000	217,000	262,000	308,000	507,000	
11	247,000	660,000	459,000	805,000	435,000	387,000	657,000	370,000	237,000	274,000	313,000	499,000	
12	227,000	673,000	474,000	882,000	442,000	406,000	647,000	374,000	274,000	273,000	314,000	474,000	
13	197,000	671,000	505,000	939,000	432,000	429,000	633,000	375,000	294,000	258,000	319,000	445,000	
14	150,000	647,000	580,000	953,000	412,000	486,000	622,000	374,000	296,000	237,000	330,000	415,000	
15	127,000	620,000	656,000	960,000	406,000	502,000	609,000	373,000	300,000	227,000	329,000	385,000	
16	124,000	611,000	739,000	964,000	415,000	538,000	590,000	369,000	286,000	222,000	327,000	352,000	
17	150,000	616,000	795,000	962,000	480,000	559,000	567,000	364,000	271,000	227,000	326,000	326,000	
18	172,000	633,000	845,000	945,000	501,000	574,000	558,000	352,000	248,000	233,000	327,000	308,000	
19	178,000	663,000	898,000	920,000	515,000	583,000	552,000	320,000	243,000	238,000	327,000	293,000	
20	190,000	679,000	945,000	896,000	523,000	587,000	490,000	275,000	255,000	243,000	326,000	287,000	
21	211,000	683,000	977,000	859,000	550,000	594,000	374,000	253,000	264,000	252,000	326,000	288,000	
22	225,000	675,000	925,000	815,000	562,000	623,000	362,000	259,000	263,000	251,000	329,000	295,000	
23	238,000	655,000	989,000	772,000	568,000	660,000	354,000	280,000	274,000	241,000	349,000	299,000	
24	257,000	651,000	993,000	710,000	565,000	690,000	349,000	312,000	278,000	237,000	376,000	302,000	
25	284,000	657,000	994,000	637,000	557,000	715,000	342,000	307,000	279,000	233,000	440,000	305,000	
26	282,000	662,000	990,000	550,000	538,000	741,000	334,000	305,000	272,000	228,000	491,000	317,000	MEAN FOR YEAR ... 447,000
27	281,000	661,000	981,000	477,000	524,000	770,000	322,000	307,000	259,000	207,000	505,000	345,000	
28	297,000	638,000	965,000	410,000	516,000	794,000	305,000	312,000	257,000	177,000	516,000	449,000	
29	310,000		920,000	342,000	550,000	815,000	276,000	320,000	258,000	174,000	521,000	587,000	
30	310,000		875,000	284,000	594,000	833,000	245,000	332,000	259,000	186,000	522,000	775,000	
31	287,000		827,000		613,000		219,000	337,000		201,000		957,000	
MEAN	270,000	558,000	706,000	712,000	447,000	555,000	552,000	306,000	257,000	243,000	342,000	431,000	
MAXIMUM	419,000	683,000	994,000	964,000	613,000	833,000	837,000	375,000	326,000	293,000	522,000	957,000	
MINIMUM	124,000	309,000	373,000	284,000	260,000	325,000	219,000	215,000	196,000	174,000	208,000	287,000	

**DAILY DISCHARGE IN SECOND FEET, MISSISSIPPI RIVER AT HICKMAN, KENTUCKY
FOR THE YEAR ENDING DECEMBER 31, 1941**

FORM 13.22

Day	January	February	March	April	May	June	July	August	September	October	November	December	REMARKS
1	231,000	413,000	176,000	315,000	462,000	144,000	242,000	161,000	166,000	203,000	416,000	266,000	Daily discharges were determined from a flow hydro-graph based on actual discharge observations, supplemented by a rating table.
2	236,000	445,000	168,000	308,000	427,000	156,000	232,000	178,000	160,000	190,000	450,000	274,000	
3	250,000	400,000	162,000	297,000	392,000	172,000	226,000	182,000	161,000	186,000	445,000	262,000	
4	265,000	374,000	158,000	295,000	354,000	187,000	262,000	179,000	162,000	196,000	545,000	251,000	
5	300,000	355,000	153,000	296,000	335,000	221,000	312,000	134,000	151,000	216,000	572,000	242,000	
6	356,000	330,000	167,000	300,000	320,000	251,000	322,000	139,000	174,000	231,000	583,000	236,000	
7	393,000	301,000	165,000	326,000	311,000	280,000	354,000	142,000	187,000	277,000	590,000	231,000	
8	403,000	290,000	171,000	359,000	303,000	312,000	361,000	122,000	194,000	377,000	595,000	228,000	
9	392,000	270,000	182,000	390,000	293,000	330,000	350,000	107,000	195,000	435,000	603,000	224,000	
10	370,000	244,000	195,000	421,000	284,000	343,000	347,000	114,000	181,000	449,000	619,000	217,000	
11	346,000	217,000	209,000	449,000	282,000	366,000	347,000	107,000	176,000	451,000	630,000	211,000	Flows at 12:00 noon.
12	322,000	205,000	227,000	464,000	284,000	416,000	350,000	105,000	186,000	450,000	597,000	216,000	
13	300,000	201,000	236,000	474,000	272,000	468,000	363,000	101,000	181,000	447,000	555,000	213,000	
14	280,000	202,000	247,000	477,000	258,000	525,000	379,000	112,000	195,000	446,000	507,000	197,000	
15	250,000	178,000	266,000	473,000	243,000	580,000	382,000	118,000	235,000	459,000	462,000	193,000	
16	207,000	190,000	292,000	476,000	232,000	605,000	363,000	102,000	268,000	487,000	415,000	197,000	
17	163,000	207,000	317,000	462,000	215,000	592,000	355,000	134,000	246,000	504,000	371,000	210,000	
18	168,000	212,000	342,000	444,000	216,000	558,000	285,000	150,000	242,000	487,000	344,000	216,000	
19	182,000	214,000	353,000	436,000	225,000	527,000	242,000	139,000	235,000	460,000	322,000	217,000	
20	208,000	222,000	365,000	455,000	237,000	512,000	278,000	169,000	233,000	433,000	304,000	217,000	
21	226,000	240,000	367,000	482,000	242,000	505,000	278,000	146,000	232,000	406,000	284,000	214,000	
22	243,000	254,000	357,000	516,000	237,000	502,000	266,000	141,000	234,000	387,000	269,000	191,000	
23	266,000	256,000	335,000	542,000	215,000	485,000	268,000	138,000	240,000	363,000	266,000	215,000	
24	259,000	197,000	315,000	560,000	180,000	464,000	274,000	135,000	253,000	353,000	274,000	232,000	
25	270,000	181,000	295,000	565,000	164,000	440,000	282,000	116,000	256,000	367,000	286,000	245,000	
26	287,000	176,000	276,000	566,000	175,000	409,000	285,000	110,000	244,000	379,000	296,000	270,000	
27	306,000	177,000	271,000	565,000	168,000	343,000	217,000	114,000	237,000	387,000	307,000	325,000	
28	321,000	166,000	281,000	560,000	160,000	265,000	170,000	129,000	232,000	397,000	309,000	367,000	
29	331,000		287,000	547,000	152,000	251,000	172,000	155,000	226,000	405,000	307,000	400,000	
30	345,000		289,000	505,000	151,000	247,000	168,000	174,000	216,000	409,000	301,000	414,000	
31	395,000		290,000		154,000		154,000	173,000		411,000		421,000	
MEAN	287,000	254,000	296,000	444,000	256,000	382,000	287,000	136,000	210,000	376,000	429,000	253,000	MEAN FOR YEAR 297,200
MAXIMUM	403,000	445,000	367,000	566,000	462,000	606,000	383,000	182,000	268,000	504,000	630,000	421,000	
	166,000	176,000	158,000	295,000	151,000	144,000	154,000	101,000	151,000	188,000	266,000	191,000	

DAILY DISCHARGE IN SECOND FEET, MISSISSIPPI RIVER AT Hickman, Kentucky
FOR THE YEAR ENDING DECEMBER 31, 1940

Day	January	February	March	April	May	June	July	August	September	October	November	December	REMARKS
1	112,000	106,000	126,000	379,000	997,000	302,000	351,000	113,000	211,000	132,000	90,000	184,000	Daily discharges were determined from a flow hydrograph based on actual discharge observations, supplemented by a rating table. Station affected by ice floes and jams from January 5 to February 12.
2	104,000	110,000	103,000	398,000	1,011,000	322,000	346,000	112,000	210,000	122,000	101,000	192,000	
3	95,000	111,000	392,000	1,112,000	1,028,000	338,000	340,000	113,000	255,000	115,000	110,000	188,000	
4	89,000	110,000	398,000	1,31,000	1,032,000	350,000	339,000	111,000	285,000	114,000	127,000	187,000	
5	82,000	108,000	120,000	1,60,000	1,021,000	360,000	311,000	137,000	303,000	109,000	139,000	190,000	
6	78,000	107,000	154,000	510,000	990,000	371,000	346,000	150,000	290,000	92,000	142,000	192,000	
7	83,000	107,000	500,000	566,000	940,000	382,000	339,000	156,000	258,000	91,000	141,000	188,000	
8	100,000	106,000	560,000	625,000	857,000	392,000	327,000	168,000	217,000	98,000	136,000	163,000	
9	104,000	106,000	607,000	667,000	750,000	397,000	309,000	166,000	218,000	92,000	119,000	139,000	
10	103,000	111,000	631,000	679,000	642,000	392,000	289,000	169,000	185,000	97,000	108,000	157,000	Flows at 8:00 A.M.
11	106,000	124,000	643,000	657,000	533,000	380,000	290,000	156,000	179,000	99,000	120,000	152,000	
12	105,000	160,000	645,000	650,000	1,169,000	360,000	298,000	118,000	174,000	98,000	132,000	156,000	
13	97,000	206,000	649,000	641,000	1,110,000	348,000	299,000	113,000	164,000	97,000	136,000	166,000	
14	88,000	210,000	671,000	623,000	360,000	346,000	275,000	115,000	155,000	98,000	134,000	189,000	
15	105,000	270,000	683,000	607,000	315,000	366,000	222,000	119,000	118,000	97,000	126,000	195,000	
16	113,000	305,000	687,000	599,000	280,000	379,000	228,000	114,000	154,000	95,000	126,000	198,000	
17	126,000	347,000	672,000	600,000	250,000	370,000	235,000	171,000	110,000	94,000	132,000	205,000	
18	114,000	384,000	640,000	614,000	210,000	364,000	212,000	209,000	132,000	95,000	133,000	210,000	
19	157,000	440,000	599,000	638,000	237,000	363,000	253,000	240,000	115,000	94,000	130,000	222,000	
20	158,000	486,000	549,000	684,000	233,000	362,000	260,000	260,000	108,000	90,000	136,000	243,000	
21	118,000	522,000	497,000	760,000	232,000	358,000	253,000	289,000	111,000	89,000	122,000	237,000	
22	113,000	552,000	455,000	815,000	232,000	352,000	237,000	310,000	109,000	88,000	123,000	237,000	
23	114,000	578,000	425,000	854,000	233,000	344,000	217,000	319,000	110,000	86,000	119,000	252,000	
24	138,000	589,000	399,000	885,000	238,000	333,000	192,000	289,000	103,000	82,000	123,000	267,000	
25	115,000	585,000	377,000	909,000	244,000	320,000	176,000	229,000	110,000	82,000	112,000	271,000	
26	104,000	561,000	357,000	919,000	257,000	308,000	166,000	200,000	115,000	90,000	116,000	271,000	
27	100,000	532,000	347,000	928,000	264,000	305,000	160,000	196,000	121,000	87,000	114,000	265,000	
28	99,000	497,000	345,000	940,000	270,000	321,000	172,000	194,000	115,000	88,000	118,000	252,000	
29	97,000	453,000	348,000	959,000	287,000	343,000	169,000	190,000	121,000	94,000	160,000	248,000	
30	99,000		352,000	979,000	287,000	352,000	156,000	202,000	131,000	90,000	168,000	218,000	
31	102,000		362,000		290,000		119,000	208,000		82,000		196,000	
MEAN	111,000	307,000	500,000	680,000	1,168,000	353,000	257,000	191,000	171,000	96,000	130,000	207,000	MEAN FOR YEAR 291,000
MAXIMUM	158,000	589,000	687,000	979,000	1,032,000	397,000	351,000	319,000	290,000	132,000	168,000	271,000	
MINIMUM	78,000	106,000	345,000	379,000	232,000	302,000	119,000	137,000	103,000	82,000	90,000	139,000	

DAILY DISCHARGE IN SECOND FEET, MISSISSIPPI
FOR THE YEAR ENDING DECEMBER 31, 1939. RIVER AT COLUMBUS, Kentucky.

FORM 13-22

Day	January	February	March	April	May	June	July	August	September	October	November	December	REMARKS
1	255,000	466,000	1,176,000	690,000	1,170,000	294,000	483,000	246,000	144,000	80,000	122,000	88,000	Daily discharges were determined from a flow hydrograph based on actual discharge observations, supplemented by a rating table.
2	264,000	555,000	1,149,000	691,000	1,133,000	282,000	464,000	242,000	127,000	81,000	120,000	89,000	
3	266,000	637,000	1,124,000	694,000	1,088,000	289,000	442,000	237,000	122,000	102,000	125,000	92,000	
4	202,000	711,000	1,098,000	710,000	1,023,000	294,000	417,000	236,000	121,000	85,000	122,000	94,000	
5	187,000	769,000	1,111,000	717,000	907,000	304,000	400,000	242,000	120,000	78,000	103,000	95,000	
6	239,000	819,000	1,127,000	744,000	810,000	310,000	387,000	247,000	118,000	77,000	93,000	95,000	Flows at 8:00 A.M.
7	263,000	870,000	1,123,000	789,000	697,000	309,000	378,000	222,000	108,000	76,000	91,000	92,000	
8	277,000	910,000	1,111,000	821,000	594,000	308,000	372,000	193,000	100,000	76,000	91,000	90,000	
9	285,000	955,000	1,110,000	849,000	533,000	307,000	368,000	183,000	99,000	77,000	90,000	94,000	
10	293,000	1,000,000	1,114,000	876,000	478,000	308,000	358,000	178,000	100,000	77,000	87,000	102,000	
11	291,000	1,040,000	1,125,000	907,000	449,000	310,000	377,000	177,000	98,000	78,000	86,000	108,000	
12	286,000	1,087,000	1,141,000	933,000	424,000	317,000	398,000	191,000	97,000	86,000	84,000	104,000	
13	287,000	1,125,000	1,167,000	930,000	439,000	322,000	413,000	181,000	98,000	87,000	82,000	103,000	
14	290,000	1,174,000	1,189,000	928,000	421,000	338,000	417,000	200,000	91,000	90,000	83,000	107,000	
15	308,000	1,196,000	1,219,000	929,000	396,000	331,000	397,000	245,000	90,000	84,000	91,000	108,000	
16	342,000	1,207,000	1,290,000	938,000	373,000	333,000	370,000	250,000	92,000	79,000	90,000	110,000	
17	395,000	1,214,000	1,310,000	969,000	352,000	344,000	290,000	251,000	90,000	77,000	89,000	111,000	
18	409,000	1,222,000	1,314,000	1,011,000	333,000	334,000	230,000	240,000	95,000	76,000	90,000	112,000	
19	441,000	1,235,000	1,307,000	1,060,000	313,000	308,000	207,000	198,000	108,000	75,000	97,000	113,000	
20	421,000	1,257,000	1,288,000	1,105,000	303,000	344,000	206,000	222,000	106,000	76,000	98,000	114,000	
21	420,000	1,265,000	1,267,000	1,154,000	294,000	397,000	203,000	262,000	102,000	77,000	99,000	113,000	
22	390,000	1,268,000	1,243,000	1,200,000	286,000	444,000	217,000	279,000	101,000	77,000	98,000	113,000	
23	366,000	1,267,000	1,215,000	1,250,000	287,000	485,000	221,000	259,000	100,000	77,000	93,000	116,000	
24	340,000	1,264,000	1,173,000	1,277,000	282,000	511,000	228,000	225,000	93,000	76,000	92,000	132,000	
25	315,000	1,258,000	1,125,000	1,284,000	275,000	529,000	238,000	203,000	91,000	76,000	93,000	127,000	
26	297,000	1,245,000	1,060,000	1,275,000	266,000	540,000	243,000	195,000	90,000	76,000	95,000	124,000	
27	282,000	1,222,000	997,000	1,256,000	273,000	544,000	248,000	199,000	86,000	82,000	94,000	130,000	
28	275,000	1,198,000	914,000	1,231,000	280,000	531,000	251,000	197,000	83,000	86,000	90,000	137,000	
29	276,000		845,000	1,212,000	275,000	512,000	255,000	180,000	82,000	98,000	89,000	130,000	
30	312,000		746,000	1,194,000	272,000	495,000	242,000	144,000	81,000	109,000	88,000	118,000	
31	380,000		700,000		284,000		243,000	138,000		118,000		99,000	
MEAN	311,000	1,051,000	1,125,000	987,000	494,000	376,000	321,000	215,000	101,000	83,000	95,500	108,000	MEAN FOR YEAR 435,000
MAXIMUM	421,000	1,268,000	1,314,000	1,284,000	1,170,000	544,000	483,000	279,000	144,000	118,000	125,000	137,000	
MINIMUM	187,000	466,000	700,000	690,000	266,000	282,000	203,000	138,000	81,000	75,000	82,000	88,000	

DAILY DISCHARGE IN SECOND FEET, MISSISSIPPI RIVER AT Hickman, Ky.
FOR THE YEAR ENDING DECEMBER 31, 1938

Day	January	February	March	April	May	June	July	August	September	October	November	December	REMARKS
1	500,000	617,000	650,000	945,000	593,000	955,000	499,000	538,000	202,000	329,000	137,000	189,000	Daily discharges were determined from a flow hydrograph based on actual discharge observations, supplemented by a rating table.
2	456,000	624,000	634,000	989,000	537,000	945,000	486,000	542,000	201,000	328,000	124,000	200,000	
3	424,000	637,000	621,000	1,010,000	497,000	927,000	479,000	541,000	214,000	338,000	119,000	188,000	
4	395,000	644,000	604,000	1,014,000	454,000	896,000	481,000	524,000	218,000	325,000	118,000	185,000	
5	377,000	643,000	588,000	1,008,000	419,000	860,000	497,000	512,000	205,000	327,000	131,000	186,000	
6	364,000	626,000	568,000	965,000	393,000	822,000	498,000	511,000	197,000	310,000	122,000	188,000	Flows at 8:00 A.M.
7	353,000	584,000	552,000	924,000	360,000	781,000	495,000	515,000	172,000	290,000	123,000	205,000	
8	342,000	536,000	546,000	889,000	338,000	734,000	488,000	527,000	176,000	275,000	132,000	228,000	
9	333,000	488,000	556,000	869,000	337,000	688,000	487,000	532,000	164,000	263,000	149,000	216,000	
10	324,000	444,000	595,000	880,000	351,000	640,000	493,000	532,000	154,000	247,000	155,000	227,000	
11	318,000	410,000	637,000	927,000	374,000	576,000	501,000	531,000	151,000	231,000	178,000	227,000	
12	306,000	399,000	680,000	949,000	386,000	577,000	500,000	517,000	176,000	210,000	184,000	213,000	
13	295,000	399,000	723,000	972,000	379,000	610,000	488,000	496,000	220,000	183,000	183,000	215,000	
14	278,000	417,000	769,000	993,000	367,000	628,000	478,000	472,000	214,000	168,000	187,000	219,000	
15	242,000	441,000	801,000	1,012,000	353,000	630,000	472,000	447,000	246,000	158,000	209,000	215,000	
16	184,000	462,000	837,000	1,023,000	348,000	623,000	471,000	420,000	265,000	153,000	200,000	205,000	
17	180,000	487,000	870,000	1,020,000	354,000	600,000	468,000	393,000	282,000	149,000	197,000	200,000	
18	187,000	525,000	893,000	1,005,000	365,000	576,000	473,000	368,000	298,000	148,000	202,000	193,000	
19	190,000	582,000	906,000	988,000	373,000	556,000	501,000	350,000	307,000	145,000	220,000	183,000	
20	185,000	642,000	905,000	967,000	369,000	549,000	531,000	331,000	324,000	141,000	234,000	180,000	
21	181,000	697,000	891,000	940,000	369,000	544,000	562,000	282,000	329,000	138,000	254,000	167,000	
22	194,000	718,000	873,000	915,000	397,000	537,000	577,000	236,000	302,000	138,000	288,000	159,000	
23	250,000	722,000	847,000	890,000	419,000	527,000	574,000	235,000	317,000	139,000	305,000	156,000	
24	311,000	718,000	821,000	862,000	450,000	513,000	535,000	239,000	332,000	138,000	315,000	138,000	
25	372,000	705,000	817,000	833,000	550,000	499,000	483,000	237,000	344,000	133,000	317,000	128,000	
26	430,000	693,000	818,000	807,000	656,000	493,000	475,000	232,000	311,000	128,000	314,000	144,000	
27	469,000	678,000	828,000	768,000	748,000	501,000	496,000	222,000	314,000	125,000	296,000	157,000	
28	502,000	664,000	827,000	730,000	840,000	517,000	500,000	214,000	331,000	124,000	275,000	169,000	
29	532,000		828,000	688,000	907,000	529,000	486,000	211,000	335,000	122,000	250,000	195,000	
30	563,000		855,000	646,000	936,000	521,000	478,000	205,000	337,000	123,000	218,000	213,000	
31	589,000		898,000		953,000		504,000	200,000		124,000		247,000	
MEAN	343,000	579,000	750,000	914,000	489,000	645,000	499,000	391,000	254,000	198,000	204,000	191,000	MEAN FOR YEAR 453,000
MAXIMUM	589,000	722,000	906,000	1,023,000	953,000	955,000	577,000	542,000	337,000	338,000	317,000	247,000	
MINIMUM	180,000	399,000	546,000	646,000	337,000	493,000	468,000	200,000	151,000	122,000	118,000	128,000	

DAILY DISCHARGE IN SECOND FEET, MISSISSIPPI RIVER AT Hickman, Ky.
FOR THE YEAR ENDING DECEMBER 31, 19. 37

Day	January	February	March	April	May	June	July	August	September	October	November	December	REMARKS
1	337,000	1,997,000	736,000	500,000	655,000	418,000	465,000	219,000	231,000	105,000	239,000	150,000	Daily discharges were determined
2	365,000	2,002,000	704,000	461,000	750,000	398,000	490,000	208,000	227,000	91,000	241,000	168,000	from a flow hydrograph based on
3	410,000	1,999,000	670,000	466,000	841,000	393,000	495,000	191,000	211,000	105,000	244,000	175,000	actual discharge observations,
4	465,000	1,987,000	628,000	450,000	913,000	393,000	482,000	179,000	181,000	105,000	265,000	172,000	supplemented by a rating table.
5	570,000	1,971,000	582,000	433,000	963,000	395,000	450,000	182,000	160,000	121,000	297,000	163,000	During the month of February
6	644,000	1,950,000	530,000	418,000	1,060,000	409,000	421,000	179,000	171,000	132,000	320,000	150,000	observations were made at Tipton-
7	692,000	1,922,000	495,000	403,000	1,123,000	432,000	385,000	183,000	197,000	139,000	329,000	151,000	vile, Tenn., because of the opera-
8	740,000	1,889,000	483,000	388,000	1,192,000	445,000	335,000	180,000	190,000	132,000	331,000	144,000	tion of the Birds Point - New
9	783,000	1,831,000	475,000	375,000	1,208,000	441,000	311,000	189,000	190,000	147,000	326,000	131,000	Madrid Floodway and were plotted to
10	822,000	1,768,000	485,000	360,000	1,199,000	410,000	311,000	204,000	191,000	152,000	295,000	116,000	a stage at Columbus, Ky., two days
11	856,000	1,717,000	510,000	360,000	1,166,000	391,000	305,000	206,000	200,000	155,000	252,000	131,000	previous to the measurements.
12	888,000	1,660,000	533,000	363,000	1,116,000	400,000	289,000	198,000	199,000	146,000	161,000	121,000	
13	917,000	1,590,000	558,000	370,000	1,059,000	456,000	274,000	203,000	197,000	131,000	132,000	102,000	Flows at 8:00 A.M.
14	955,000	1,520,000	567,000	379,000	990,000	503,000	264,000	201,000	197,000	128,000	141,000	82,000	
15	995,000	1,450,000	569,000	388,000	936,000	508,000	270,000	199,000	198,000	110,000	146,000	85,000	
16	1,018,000	1,390,000	561,000	394,000	889,000	497,000	273,000	201,000	160,000	111,000	145,000	111,000	
17	1,060,000	1,333,000	533,000	401,000	842,000	470,000	278,000	203,000	148,000	121,000	159,000	145,000	
18	1,095,000	1,280,000	518,000	401,000	806,000	469,000	292,000	207,000	133,000	125,000	162,000	190,000	
19	1,150,000	1,225,000	510,000	403,000	762,000	470,000	328,000	207,000	133,000	142,000	162,000	246,000	
20	1,180,000	1,172,000	502,000	401,000	713,000	470,000	340,000	189,000	134,000	155,000	158,000	274,000	
21	1,255,000	1,115,000	500,000	400,000	663,000	477,000	345,000	170,000	139,000	165,000	149,000	302,000	
22	1,370,000	1,061,000	514,000	425,000	596,000	480,000	339,000	170,000	139,000	179,000	152,000	337,000	
23	1,480,000	1,003,000	529,000	477,000	541,000	476,000	331,000	169,000	112,000	193,000	161,000	369,000	
24	1,583,000	923,000	531,000	519,000	512,000	459,000	321,000	171,000	103,000	208,000	145,000	410,000	
25	1,692,000	885,000	525,000	555,000	498,000	457,000	311,000	170,000	100,000	221,000	145,000	450,000	
26	1,778,000	851,000	502,000	585,000	486,000	425,000	300,000	176,000	114,000	237,000	134,000	491,000	
27	1,832,000	811,000	487,000	600,000	476,000	418,000	287,000	199,000	100,000	231,000	145,000	513,000	
28	1,881,000	774,000	479,000	607,000	467,000	415,000	237,000	219,000	113,000	231,000	132,000	525,000	
29	1,922,000		490,000	610,000	458,000	423,000	228,000	219,000	100,000	234,000	135,000	532,000	
30	1,953,000		506,000	615,000	447,000	441,000	223,000	222,000	103,000	237,000	131,000	535,000	
31	1,980,000		510,000	451,000	435,000	441,000	223,000	230,000	159,000	237,000	198,000	537,000	
MEAN	1,119,000	1,467,000	539,000	451,000	799,000	441,000	495,000	195,000	231,000	159,000	331,000	258,000	MEAN FOR YEAR 504,000
MAXIMUM	1,980,000	2,002,000	738,000	615,000	1,208,000	508,000	495,000	230,000	231,000	237,000	331,000	535,000	
MINIMUM	337,000	774,000	475,000	360,000	435,000	391,000	223,000	169,000	100,000	91,000	132,000	82,000	

DAILY DISCHARGE IN SECOND FEET, MISSISSIPPI RIVER AT Hickman, Ky.
FOR THE YEAR ENDING DECEMBER 31, 1936

M.F.C. 500, 10-10-35

Day	January	February	March	April	May	June	July	August	September	October	November	December	REMARKS
1	170,000	340,000	656,000	1,139,000	422,000	229,000	141,000	118,000	107,000	170,000	144,000	132,000	Daily discharges were determined from a flow hydrograph based on actual discharge observations supplemented by a rating table. (Flows at 8:00 A.M.)
2	156,000	298,000	708,000	1,190,000	405,000	236,000	149,000	98,000	112,000	220,000	150,000	132,000	
3	147,000	267,000	722,000	1,225,000	390,000	226,000	157,000	92,000	113,000	252,000	161,000	118,000	
4	155,000	240,000	730,000	1,250,000	378,000	234,000	141,000	92,000	106,000	230,000	201,000	122,000	
5	179,000	230,000	733,000	1,270,000	372,000	235,000	141,000	102,000	125,000	210,000	271,000	112,000	
6	216,000	243,000	731,000	1,300,000	376,000	227,000	153,000	90,000	110,000	197,000	329,000	124,000	
7	263,000	285,000	733,000	1,331,000	399,000	225,000	179,000	92,000	98,000	170,000	386,000	136,000	
8	340,000	317,000	738,000	1,350,000	418,000	227,000	208,000	104,000	98,000	165,000	417,000	160,000	
9	419,000	336,000	747,000	1,361,000	423,000	218,000	222,000	91,000	104,000	191,000	425,000	194,000	
10	523,000	360,000	750,000	1,363,000	416,000	209,000	215,000	90,000	114,000	176,000	428,000	253,000	
11	599,000	380,000	746,000	1,366,000	400,000	200,000	190,000	102,000	110,000	189,000	427,000	262,000	
12	638,000	403,000	734,000	1,370,000	383,000	204,000	162,000	108,000	100,000	199,000	425,000	288,000	
13	670,000	419,000	716,000	1,377,000	367,000	204,000	160,000	90,000	97,000	187,000	423,000	298,000	
14	700,000	451,000	680,000	1,382,000	346,000	218,000	152,000	82,000	92,000	192,000	417,000	303,000	
15	724,000	488,000	640,000	1,389,000	328,000	199,000	140,000	81,000	92,000	196,000	408,000	307,000	
16	738,000	446,000	604,000	1,390,000	294,000	195,000	128,000	82,000	92,000	186,000	393,000	302,000	
17	742,000	405,000	582,000	1,384,000	294,000	193,000	118,000	102,000	98,000	184,000	370,000	291,000	
18	730,000	369,000	581,000	1,356,000	315,000	190,000	130,000	90,000	108,000	188,000	330,000	273,000	
19	700,000	351,000	610,000	1,329,000	327,000	184,000	140,000	88,000	101,000	197,000	278,000	252,000	
20	649,000	340,000	655,000	1,300,000	304,000	178,000	131,000	78,000	103,000	209,000	215,000	231,000	
21	600,000	334,000	724,000	1,256,000	304,000	177,000	131,000	71,000	111,000	209,000	172,000	218,000	
22	543,000	338,000	755,000	1,195,000	298,000	172,000	152,000	69,000	119,000	207,000	168,000	218,000	
23	482,000	351,000	790,000	1,105,000	286,000	184,000	143,000	73,000	130,000	199,000	165,000	180,000	
24	447,000	391,000	820,000	995,000	287,000	180,000	130,000	73,000	140,000	188,000	159,000	170,000	
25	428,000	441,000	850,000	863,000	303,000	175,000	130,000	74,000	155,000	176,000	154,000	187,000	
26	415,000	550,000	880,000	750,000	282,000	168,000	124,000	81,000	159,000	166,000	154,000	225,000	
27	404,000	618,000	920,000	595,000	278,000	162,000	134,000	75,000	145,000	160,000	139,000	225,000	
28	402,000	621,000	959,000	528,000	266,000	158,000	104,000	92,000	142,000	144,000	138,000	226,000	
29	401,000	621,000	982,000	480,000	254,000	151,000	108,000	89,000	140,000	138,000	132,000	232,000	
30	390,000		1,030,000	448,000	254,000	145,000	115,000	92,000	143,000	159,000	150,000	245,000	
31	364,000		1,080,000		239,000		128,000	98,000		163,000		282,000	
MEAN	462,400	387,300	761,200	1,154,600	335,800	197,200	147,000	89,000	115,500	187,700	271,000	216,100	MEAN FOR YEAR ... 359,400
MAXIMUM	742,000	621,000	1,080,000	1,350,000	423,000	238,000	222,000	118,000	159,000	252,000	428,000	307,000	
MINIMUM	147,000	230,000	581,000	448,000	239,000	145,000	104,000	69,000	92,000	138,000	132,000	112,000	

18 DAILY DISCHARGE, MISSISSIPPI RIVER AND TRIBUTARIES.

Daily discharge in second-feet, Mississippi River at Hickman, Kentucky, for the year ending December 31, 1935.
(Columbus, Ky., Station.)

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	276,000	698,000	473,000	1,050,000	449,000	885,000	825,000	409,000	229,000	123,000	144,000	232,000
2	303,000	665,000	494,000	1,060,000	414,000	848,000	790,000	402,000	218,000	126,000	152,000	239,000
3	309,000	625,000	507,000	1,070,000	383,000	816,000	755,000	398,000	189,000	128,000	145,000	247,000
4	314,000	570,000	515,000	1,080,000	414,000	790,000	726,000	393,000	184,000	126,000	134,000	343,000
5	339,000	505,000	524,000	1,090,000	458,000	775,000	705,000	380,000	204,000	118,000	134,000	254,000
6	339,000	428,000	534,000	1,100,000	543,000	778,000	698,000	358,000	228,000	112,000	139,000	254,000
7	324,000	391,000	537,000	1,110,000	647,000	787,000	675,000	328,000	240,000	114,000	155,000	234,000
8	305,000	340,000	540,000	1,110,000	715,000	806,000	656,000	313,000	296,000	132,000	147,000	230,000
9	297,000	317,000	550,000	1,120,000	755,000	826,000	630,000	334,000	291,000	115,000	194,000	234,000
10	291,000	305,000	574,000	1,120,000	784,000	850,000	621,000	309,000	328,000	115,000	224,000	239,000
11	271,000	303,000	653,000	1,120,000	803,000	855,000	609,000	303,000	363,000	110,000	248,000	245,000
12	269,000	306,000	822,000	1,130,000	822,000	857,000	596,000	311,000	374,000	114,000	278,000	252,000
13	315,000	334,000	932,000	1,140,000	839,000	857,000	578,000	339,000	358,000	109,000	291,000	287,000
14	336,000	359,000	992,000	1,140,000	852,000	850,000	558,000	361,000	332,000	106,000	322,000	293,000
15	348,000	379,000	1,040,000	1,150,000	866,000	833,000	535,000	393,000	297,000	110,000	366,000	307,000
16	361,000	400,000	1,090,000	1,150,000	879,000	816,000	503,000	419,000	272,000	109,000	372,000	324,000
17	384,000	426,000	1,130,000	1,140,000	900,000	800,000	450,000	435,000	208,000	110,000	377,000	334,000
18	405,000	452,000	1,140,000	1,090,000	922,000	787,000	368,000	440,000	178,000	104,000	391,000	343,000
19	423,000	486,000	1,160,000	1,050,000	936,000	768,000	334,000	440,000	177,000	101,000	407,000	354,000
20	468,000	515,000	1,170,000	1,010,000	954,000	738,000	320,000	427,000	161,000	104,000	412,000	366,000
21	580,000	521,000	1,170,000	963,000	973,000	737,000	307,000	422,000	160,000	114,000	399,000	384,000
22	688,000	527,000	1,170,000	833,000	996,000	796,000	298,000	417,000	153,000	112,000	378,000	393,000
23	743,000	516,000	1,170,000	845,000	1,020,000	809,000	295,000	409,000	152,000	121,000	362,000	393,000
24	755,000	497,000	1,170,000	774,000	1,030,000	816,000	304,000	405,000	152,000	121,000	343,000	374,000
25	761,000	480,000	1,160,000	714,000	1,040,000	846,000	323,000	380,000	156,000	128,000	301,000	351,000
26	763,000	467,000	1,150,000	678,000	1,050,000	872,000	347,000	336,000	152,000	126,000	245,000	336,000
27	763,000	448,000	1,100,000	604,000	1,050,000	890,000	381,000	301,000	139,000	124,000	219,000	317,000
28	763,000	444,000	1,070,000	557,000	1,020,000	904,000	419,000	247,000	137,000	121,000	204,000	293,000
29	759,000		1,040,000	516,000	991,000	893,000	455,000	230,000	126,000	140,000	214,000	266,000
30	752,000		1,020,000	482,000	964,000	852,000	473,000	236,000	134,000	142,000	209,000	229,000
31	729,000		1,000,000		931,000		437,000	232,000		132,000		200,000
Mean	475,000	454,000	890,000	970,000	819,000	825,000	515,000	358,000	220,000	118,000	264,000	292,000
Max.	763,000	698,000	1,170,000	1,150,000	1,050,000	904,000	825,000	440,000	374,000	142,000	412,000	393,000
Min.	269,000	303,000	473,000	482,000	383,000	737,000	295,000	230,000	126,000	101,000	134,000	200,000

**DAILY DISCHARGE IN SECOND FEET
FOR THE YEAR ENDING DECEMBER 31, 1934**

Mississippi RIVER AT Hickman, Ky.

Day	January	February	March	April	May	June	July	August	September	October	November	December	REMARKS
1	291,000	180,000	265,000	747,000	352,000	156,000	159,000	128,000	159,000	166,000	141,000	330,000	During the period that daily discharge was determined from the rating table, 2 percent was added to the table for rising stages and 2 percent deducted from the table for falling stages.
2	263,000	179,000	267,000	770,000	330,000	137,000	161,000	163,000	146,000	169,000	147,000	319,000	
3	251,000	187,000	321,000	780,000	300,000	132,000	161,000	181,000	127,000	194,000	132,000	317,000	
4	238,000	190,000	373,000	788,000	265,000	134,000	147,000	173,000	125,000	228,000	153,000	352,000	
5	230,000	177,000	445,000	788,000	225,000	125,000	154,000	140,000	125,000	260,000	160,000	376,000	
6	219,000	167,000	511,000	752,000	235,000	119,000	144,000	152,000	115,000	260,000	173,000	402,000	
7	215,000	168,000	559,000	688,000	229,000	149,000	150,000	155,000	104,000	207,000	171,000	387,000	
8	219,000	167,000	609,000	618,000	224,000	156,000	150,000	153,000	105,000	192,000	184,000	387,000	
9	265,000	168,000	658,000	551,000	211,000	152,000	146,000	159,000	114,000	159,000	195,000	404,000	
10	335,000	168,000	716,000	499,000	191,000	158,000	156,000	124,000	116,000	156,000	220,000	413,000	
11	394,000	167,000	750,000	435,000	188,000	183,000	137,000	119,000	107,000	165,000	198,000	401,000	
12	453,000	167,000	799,200	415,000	184,000	197,000	134,000	138,000	132,000	156,000	206,000	356,000	
13	495,000	167,000	838,000	393,000	185,000	187,000	131,000	155,000	137,000	155,000	192,000	283,000	
14	540,000	164,000	884,000	331,000	181,000	190,000	155,000	163,000	138,000	155,000	172,000	245,000	
15	542,000	152,000	902,000	379,000	171,000	193,000	170,000	175,000	143,000	165,000	164,000	217,000	
16	521,000	136,000	902,000	389,000	180,000	192,000	178,000	183,000	134,000	165,000	161,000	204,000	
17	470,000	134,000	867,000	396,000	185,000	180,000	186,000	186,000	167,000	162,000	146,000	197,000	
18	413,000	129,000	825,000	404,000	182,000	180,000	180,000	174,000	197,000	149,000	140,000	185,000	
19	372,000	118,000	715,000	401,000	187,000	212,000	176,000	174,000	200,000	146,000	131,000	189,000	
20	337,000	122,000	635,000	392,000	187,000	241,000	168,000	202,000	192,000	122,000	114,000	198,000	
21	302,000	122,000	570,000	384,000	187,000	233,000	161,000	222,000	185,000	132,000	207,000	203,000	
22	271,000	122,000	461,000	389,000	188,000	216,000	159,000	222,000	174,000	126,000	236,000	195,000	
23	234,000	125,000	425,000	394,000	198,000	201,000	165,000	224,000	152,000	114,000	222,000	195,000	
24	186,000	123,000	413,000	396,000	196,000	195,000	175,000	255,000	139,000	120,000	220,000	201,000	
25	168,000	140,000	423,000	399,000	185,000	198,000	177,000	194,000	131,000	123,000	236,000	215,000	
26	158,000	147,000	474,000	404,000	164,000	203,000	140,100	192,000	134,000	128,000	253,000	239,000	
27	178,000	211,000	551,000	408,000	158,000	178,000	140,100	173,000	123,000	129,000	295,000	241,500	
28	171,000	257,000	629,000	413,000	158,000	156,000	126,000	167,000	122,000	137,000	326,000	244,000	
29	167,000		658,000	404,000	159,000	149,000	106,000	159,000	122,000	158,000	330,000	252,000	
30	177,000		686,000	377,000	149,000	166,000	139,000						
31	180,000		722,000		150,000		150,000	158,000		146,000		260,000	
MEAN	298,600	159,200	608,000	497,800	202,700	175,700	154,300	170,600	143,000	161,000	193,100	277,300	MEAN FOR YEAR - 254,230
MAX.	542,000	257,000	902,000	788,000	352,000	242,000	236,000	255,000	209,000	260,000	330,000	413,000	
MIN.	158,000	118,000	265,000	378,000	149,000	119,000	106,000	119,000	104,000	114,000	131,000	185,000	

14 DAILY DISCHARGE, MISSISSIPPI RIVER AND TRIBUTARIES.

Daily discharge in second-feet, Mississippi River at Hickman, Kentucky, for the year ending December 31, 1933.
(Columbus, Ky., Station.)

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	778,000	900,000	929,000	1,242,000	840,000	1,128,000	221,000	250,000	137,000	183,000	120,000	108,000
2	844,000	880,000	924,000	1,286,000	773,000	1,095,000	235,000	265,000	144,000	160,000	98,000	114,000
3	897,000	861,000	879,000	1,317,000	709,000	1,030,000	258,000	250,000	136,000	152,000	101,000	120,000
4	934,000	832,000	828,000	1,344,000	647,000	940,000	302,000	243,000	169,000	151,000	103,000	125,000
5	952,000	806,000	773,000	1,353,000	606,000	828,000	345,000	236,000	165,000	167,000	104,000	107,000
6	963,000	776,000	661,000	1,348,000	589,000	780,000	361,000	229,000	207,000	173,000	104,000	114,000
7	969,000	728,000	609,000	1,308,000	569,000	702,000	337,000	226,000	229,000	157,000	130,000	130,000
8	969,000	687,000	543,000	1,260,000	639,000	639,000	290,000	226,000	234,000	147,000	159,000	149,000
9	953,000	647,000	506,000	1,220,000	651,000	591,000	276,000	225,000	216,000	142,000	148,000	165,000
10	938,000	609,000	479,000	1,174,000	679,000	547,000	275,000	224,000	197,000	139,000	127,000	180,000
11	892,000	584,000	475,000	1,136,000	725,000	508,000	269,000	191,000	187,000	136,000	119,000	169,000
12	846,000	555,000	493,000	1,100,000	804,000	476,000	257,000	183,000	169,000	131,000	116,000	163,000
13	784,000	528,000	490,000	1,058,000	861,000	427,000	248,000	179,000	162,000	122,000	114,000	161,000
14	721,000	506,000	466,000	1,030,000	919,000	395,000	248,000	199,000	156,000	114,000	116,000	147,000
15	666,000	493,000	452,000	995,000	1,013,000	381,000	238,000	209,000	133,000	110,000	106,000	141,000
16	616,000	530,000	444,000	989,000	1,111,000	364,000	223,000	229,000	157,000	115,000	102,000	108,000
17	579,000	570,000	470,000	1,022,000	1,180,000	361,000	218,000	241,000	161,000	120,000	111,000	141,000
18	523,000	605,000	493,000	1,043,000	1,241,000	354,000	236,000	230,000	167,000	123,000	118,000	197,000
19	493,000	639,000	544,000	1,050,000	1,290,000	337,000	232,000	199,000	160,000	102,000	102,000	253,000
20	460,000	667,000	623,000	1,054,000	1,328,000	295,000	223,000	170,000	151,000	113,000	115,000	280,000
21	454,000	697,000	718,000	1,057,000	1,336,000	281,000	193,000	165,000	159,000	95,000	100,000	318,000
22	501,000	731,000	800,000	1,053,000	1,330,000	282,000	203,000	155,000	145,000	93,000	99,000	374,000
23	603,000	764,000	862,000	1,046,000	1,320,000	259,000	179,000	148,000	142,000	131,000	114,000	417,000
24	676,000	804,000	924,000	1,037,000	1,312,000	252,000	171,000	138,000	141,000	141,000	123,000	429,000
25	761,000	843,000	975,000	1,018,000	1,302,000	267,000	169,000	147,000	159,000	144,000	120,000	435,000
26	823,000	882,000	1,000,000	1,000,000	1,293,000	255,000	201,000	134,000	162,000	147,000	120,000	426,000
27	854,000	911,000	1,040,000	987,000	1,283,000	243,000	229,000	129,000	141,000	144,000	133,000	408,000
28	874,000	928,000	1,078,000	965,000	1,273,000	248,000	255,000	127,000	171,000	129,000	130,000	395,000
29	886,000		1,115,000	932,000	1,262,000	252,000	273,000	151,000	181,000	116,000	128,000	378,000
30	895,000		1,150,000	900,000	1,230,000	243,000	277,000	148,000	168,000	114,000	115,000	351,000
31	903,000		1,194,000		1,203,000		255,000	141,000		113,000		319,000
Mean	775,000	713,000	740,000	1,111,000	1,010,000	492,000	248,000	193,000	168,000	133,000	116,000	236,000
Max.	969,000	928,000	1,194,000	1,353,000	1,336,000	1,128,000	361,000	265,000	234,000	183,000	159,000	435,000
Min.	454,000	493,000	444,000	960,000	569,000	243,000	169,000	127,000	136,000	93,000	98,000	107,000

Daily discharge in second-feet, Mississippi River at Hickman, Kentucky, for the year ending December 31, 1932.
(Columbus, Ky., Station.)

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	662,000	1,045,000	653,000	750,000	635,000	256,000	430,000	174,000	158,000	163,000	179,000	292,000
2	644,000	1,061,000	595,000	787,000	672,000	235,000	443,000	176,000	149,000	149,000	209,000	238,000
3	633,000	1,078,000	546,000	827,000	702,000	246,000	467,000	189,000	156,000	127,000	211,000	214,000
4	632,000	1,090,000	477,000	865,000	717,000	265,000	492,000	224,000	209,000	136,000	217,000	200,000
5	649,000	1,105,000	432,000	896,000	700,000	289,000	505,000	237,000	194,000	146,000	218,000	190,000
6	666,000	1,120,000	454,000	917,000	644,000	294,000	519,000	220,000	170,000	142,000	218,000	174,000
7	684,000	1,137,000	462,000	932,000	608,000	304,000	525,000	268,000	163,000	134,000	185,000	161,000
8	717,000	1,150,000	467,000	944,000	592,000	310,000	546,000	286,000	162,000	130,000	183,000	174,000
9	763,000	1,164,000	484,000	942,000	562,000	315,000	585,000	212,000	162,000	129,000	181,000	177,000
10	784,000	1,177,000	492,000	940,000	536,000	331,000	649,000	222,000	144,000	118,000	174,000	189,000
11	804,000	1,189,000	500,000	932,000	514,000	344,000	711,000	229,000	157,000	123,000	172,000	204,000
12	810,000	1,198,000	505,000	882,000	495,000	327,000	747,000	212,000	133,000	125,000	167,000	212,000
13	816,000	1,207,000	508,000	848,000	482,000	314,000	756,000	194,000	132,000	121,000	192,000	265,000
14	848,000	1,209,000	495,000	811,000	471,000	275,000	724,000	217,000	124,000	111,000	193,000	289,000
15	868,000	1,202,000	466,000	772,000	463,000	260,000	688,000	242,000	120,000	122,000	200,000	318,000
16	896,000	1,189,000	440,000	736,000	448,000	252,000	644,000	252,000	115,000	112,000	215,000	344,000
17	921,000	1,173,000	419,000	697,000	430,000	276,000	597,000	262,000	111,000	118,000	218,000	352,000
18	940,000	1,145,000	412,000	667,000	414,000	305,000	536,000	273,000	108,000	129,000	244,000	360,000
19	955,000	1,117,000	399,000	639,000	390,000	307,000	466,000	299,000	107,000	227,000	247,000	362,000
20	925,000	1,090,000	394,000	606,000	450,000	309,000	352,000	323,000	128,000	278,000	235,000	347,000
21	918,000	1,059,000	415,000	576,000	476,000	319,000	282,000	335,000	165,000	281,000	227,000	334,000
22	907,000	1,036,000	431,000	549,000	486,000	320,000	255,000	346,000	130,000	270,000	260,000	322,000
23	899,000	1,013,000	439,000	530,000	474,000	322,000	252,000	329,000	116,000	245,000	262,000	306,000
24	925,000	966,000	489,000	517,000	455,000	332,000	230,000	314,000	121,000	232,000	268,000	325,000
25	932,000	914,000	516,000	509,000	437,000	334,000	207,000	301,000	122,000	217,000	270,000	394,000
26	936,000	868,000	549,000	504,000	406,000	343,000	192,000	255,000	112,000	194,000	275,000	412,000
27	936,000	821,000	574,000	504,000	370,000	354,000	200,000	237,000	109,000	163,000	280,000	438,000
28	955,000	759,000	601,000	538,000	288,000	383,000	202,000	198,000	127,000	152,000	286,000	511,000
29	970,000	709,000	641,000	574,000	212,000	402,000	188,000	190,000	148,000	170,000	293,000	574,000
30	978,000		672,000	601,000	255,000	425,000	179,000	181,000	165,000	177,000	305,000	615,000
31	1,021,000		702,000		268,000		167,000	170,000		177,000		717,000
Mean	839,000	1,069,000	504,000	726,000	486,000	312,000	442,000	244,000	141,000	165,000	226,000	323,000
Max.	1,021,000	1,209,000	702,000	944,000	717,000	425,000	756,000	346,000	209,000	281,000	305,000	717,000
Min.	632,000	709,000	394,000	504,000	212,000	235,000	167,000	170,000	107,000	111,000	167,000	161,000

Daily discharge in second-feet, Mississippi River at Hickman, Kentucky, for the year ending December 31, 1931.
(Columbus, Ky., Station.)

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	109,000	144,000	352,000	409,000	591,000	333,000	209,000	166,000	249,000	211,000	122,000	546,000
2	109,000	146,000	326,000	473,000	577,000	336,000	207,000	159,000	220,000	233,000	122,000	579,000
3	112,000	148,000	281,000	529,000	550,000	336,000	182,000	153,000	194,000	199,000	131,000	585,000
4	121,000	143,000	296,000	582,000	516,000	328,000	192,000	154,000	215,000	207,000	121,000	564,000
5	125,000	145,000	298,000	594,000	485,000	323,000	203,000	164,000	244,000	176,000	119,000	544,000
6	127,000	121,000	308,000	603,000	458,000	316,000	209,000	166,000	263,000	186,000	122,000	516,000
7	131,000	117,000	297,000	610,000	429,000	292,000	196,000	164,000	279,000	176,000	121,000	494,000
8	150,000	131,000	300,000	640,000	404,000	265,000	199,000	153,000	277,000	168,000	115,000	472,000
9	160,000	162,000	347,000	664,000	384,000	224,000	207,000	164,000	269,000	145,000	114,000	445,000
10	155,000	151,000	362,000	684,000	352,000	240,000	213,000	162,000	258,000	147,000	110,000	429,000
11	176,000	170,000	369,000	709,000	321,000	265,000	201,000	157,000	244,000	152,000	108,000	414,000
12	200,000	190,000	365,000	733,000	309,000	296,000	207,000	155,000	205,000	142,000	109,000	418,000
13	192,000	196,000	332,000	715,000	299,000	308,000	194,000	168,000	182,000	136,000	107,000	427,000
14	186,000	222,000	340,000	705,000	292,000	320,000	182,000	155,000	178,000	146,000	116,000	468,000
15	184,000	233,000	309,000	681,000	310,000	322,000	192,000	172,000	149,000	164,000	112,000	552,000
16	180,000	251,000	322,000	644,000	320,000	342,000	186,000	178,000	141,000	188,000	110,000	650,000
17	161,000	291,000	304,000	598,000	337,000	364,000	172,000	184,000	132,000	192,000	127,000	741,000
18	168,000	288,000	285,000	570,000	347,000	371,000	166,000	178,000	117,000	218,000	133,000	815,000
19	153,000	296,000	274,000	527,000	352,000	352,000	176,000	157,000	103,000	238,000	150,000	861,000
20	149,000	310,000	262,000	488,000	348,000	304,000	166,000	143,000	125,000	247,000	180,000	897,000
21	147,000	315,000	258,000	450,000	354,000	246,000	182,000	150,000	144,000	237,000	224,000	934,000
22	148,000	322,000	240,000	427,000	364,000	233,000	200,000	178,000	154,000	228,000	291,000	903,000
23	138,000	325,000	242,000	406,000	401,000	218,000	211,000	190,000	158,000	209,000	339,000	879,000
24	134,000	322,000	263,000	391,000	449,000	207,000	226,000	196,000	145,000	182,000	381,000	856,000
25	156,000	316,000	260,000	376,000	437,000	213,000	244,000	203,000	128,000	166,000	412,000	829,000
26	154,000	309,000	255,000	386,000	421,000	207,000	256,000	197,000	123,000	157,000	422,000	817,000
27	143,000	327,000	244,000	433,000	401,000	203,000	270,000	190,000	107,000	145,000	443,000	810,000
28	150,000	347,000	240,000	501,000	376,000	192,000	267,000	196,000	140,000	150,000	465,000	830,000
29	143,000	249,000	249,000	564,000	362,000	218,000	257,000	213,000	164,000	140,000	489,000	765,000
30	138,000	279,000	279,000	585,000	347,000	216,000	248,000	233,000	186,000	136,000	512,000	729,000
31	134,000	335,000	335,000	585,000	335,000	197,000	197,000	244,000	186,000	121,000	712,000	712,000
Mean	149,000	230,000	297,000	556,000	394,000	280,000	270,000	176,000	183,000	179,000	214,000	661,000
Max.	200,000	347,000	369,000	733,000	591,000	371,000	270,000	244,000	279,000	247,000	512,000	934,000
Min.	109,000	117,000	240,000	376,000	292,000	192,000	166,000	143,000	103,000	121,000	107,000	414,000

Daily discharge in second-feet, Mississippi River at Hickman, Kentucky, for the year ending December 31, 1930

(Columbus, Ky., Station.)

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	558,000	592,000	737,000	570,000	404,000	342,000	284,000	135,000	120,000	110,000	106,000	143,000
2	543,000	561,000	781,000	552,000	401,000	316,000	286,000	129,000	120,000	120,000	103,000	137,000
3	546,000	434,000	814,000	540,000	391,000	307,000	286,000	129,000	120,000	112,000	103,000	135,000
4	564,000	421,000	818,000	540,000	357,000	291,000	289,000	127,000	121,000	105,000	96,000	143,000
5	595,000	517,000	818,000	570,000	314,000	273,000	286,000	127,000	125,000	103,000	99,000	133,000
6	634,000	580,000	810,000	580,000	291,000	266,000	282,000	123,000	116,000	103,000	103,000	145,000
7	657,000	602,000	810,000	586,000	333,000	266,000	273,000	121,000	112,000	99,000	103,000	145,000
8	698,000	631,000	826,000	577,000	347,000	251,000	282,000	121,000	120,000	103,000	103,000	159,000
9	788,000	667,000	849,000	561,000	352,000	255,000	255,000	120,000	133,000	103,000	103,000	137,000
10	872,000	723,000	884,000	549,000	345,000	246,000	248,000	120,000	121,000	106,000	96,000	123,000
11	916,000	762,000	900,000	537,000	333,000	240,000	237,000	118,000	121,000	106,000	96,000	159,000
12	924,000	788,000	884,000	528,000	335,000	255,000	222,000	123,000	121,000	106,000	96,000	169,000
13	945,000	818,000	896,000	494,000	323,000	277,000	220,000	116,000	129,000	106,000	121,000	182,000
14	986,000	833,000	888,000	480,000	381,000	295,000	215,000	116,000	143,000	106,000	106,000	173,000
15	1,044,000	860,000	888,000	466,000	391,000	309,000	211,000	118,000	145,000	106,000	93,200	182,000
16	1,078,000	872,000	888,000	455,000	396,000	295,000	198,000	118,000	153,000	106,000	99,000	173,000
17	1,102,000	876,000	872,000	442,000	396,000	291,000	184,000	118,000	159,000	103,000	106,000	155,000
18	1,123,000	853,000	857,000	437,000	404,000	273,000	184,000	127,000	161,000	106,000	108,000	147,000
19	1,130,000	829,000	810,000	442,000	406,000	273,000	182,000	127,000	153,000	106,000	110,000	139,000
20	1,123,000	799,000	799,000	434,000	452,000	314,000	173,000	116,000	149,000	106,000	114,000	129,000
21	1,102,000	777,000	773,000	426,000	502,000	366,000	167,000	133,000	149,000	103,000	135,000	120,000
22	1,087,000	744,000	762,000	419,000	519,000	406,000	163,000	118,000	153,000	96,000	137,000	121,000
23	1,063,000	695,000	744,000	414,000	531,000	421,000	155,000	125,000	159,000	103,000	125,000	120,000
24	1,022,000	644,000	712,000	406,000	540,000	401,000	163,000	116,000	155,000	110,000	143,000	118,000
25	982,000	618,000	723,000	394,000	531,000	366,000	149,000	116,000	147,000	121,000	120,000	103,000
26	945,000	637,000	716,000	384,000	519,000	364,000	143,000	118,000	139,000	121,000	139,000	101,000
27	896,000	674,000	702,000	381,000	466,000	340,000	141,000	123,000	129,000	118,000	125,000	103,000
28	841,000	698,000	684,000	386,000	466,000	318,000	139,000	125,000	118,000	114,000	125,000	129,000
29	799,000		664,000	394,000	434,000	289,000	137,000	123,000	116,000	114,000	133,000	116,000
30	726,000		637,000	401,000	389,000	289,000	137,000	121,000	116,000	114,000	139,000	112,000
31	664,000		589,000		361,000		139,000	121,000		110,000		110,000
Mean	869,000	697,000	791,000	478,000	407,000	307,000	208,000	122,000	134,000	108,000	113,000	138,000
Max.	1,130,000	876,000	900,000	586,000	540,000	421,000	289,000	135,000	161,000	121,000	143,000	182,000
Min.	543,000	421,000	589,000	381,000	291,000	240,000	137,000	116,000	112,000	96,000	93,200	101,000

MISSISSIPPI RIVER AT HICKMAN, KENTUCKY.—Continued.

(COLUMBUS, KY. STATION.)

Daily discharge in 1,000 second-feet, Mississippi River at Hickman, Kentucky, for the year ending December 31, 1929.

Day.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1.	346	*1142	*743	1499	*1107	*1270	583	337	207	222	342	611
2.	327	*1147	880	*1434	1275	1209	515	333	209	213	348	547
3.	316	*1151	982	1545	1297	1134	506	335	198	223	362	462
4.	320	1087	1066	*1552	*1258	*989	496	324	202	235	387	411
5.	320	1040	1129	1558	1327	982	502	320	202	255	414	353
6.	322	970	1188	1565	1351	966	496	333	202	273	462	337
7.	*315	860	*1235	*1538	*1386	966	502	335	202	267	506	295
8.	327	712	*1317	1539	1440	*666	493	331	223	265	528	280
9.	327	*621	1809	*1457	*1438	*966	490	333	229	278	534	267
10.	342	515	*1390	1427	*1461	966	490	329	239	816	528	263
11.	362	453	*1403	1363	*1472	961	515	333	227	337	522	280
12.	373	398	*1408	1315	*1474	941	534	327	222	362	502	286
13.	385	348	*1417	1303	1532	916	541	316	225	373	480	295
14.	408	327	*1428	1321	*1562	884	640	314	251	377	453	305
15.	425	316	1445	1327	*1573	860	633	312	227	375	436	320
16.	433	316	*1447	1333	1600	836	640	301	237	346	430	337
17.	439	312	*1451	*1308	*1589	821	648	288	255	284	462	355
18.	444	310	*1548	*1200	*1607	791	663	284	271	241	525	385
19.	*469	301	*1556	1280	1642	761	674	273	269	229	600	433
20.	*510	297	*1559	1252	*1601	738	674	261	263	220	655	515
21.	*560	293	*1571	1220	*1583	719	663	249	257	209	693	557
22.	*636	291	1551	1199	*1607	697	640	249	255	195	716	600
23.	*676	284	*1551	*1070	*1632	667	597	239	223	227	742	640
24.	727	280	1452	1178	*1616	648	541	237	243	239	780	655
25.	806	291	*1456	1110	*1594	633	483	247	235	257	810	659
26.	*854	327	1382	*1035	1572	604	439	241	204	271	825	655
27.	933	*649	*1261	*1086	*1468	607	405	223	220	282	817	644
28.	*948	693	*1413	1183	*1432	655	365	239	202	291	798	633
29.	*997	.....	1395	*1174	*1422	693	353	231	209	295	749	583
30.	*1057	.....	*1479	*1191	1408	629	348	213	211	303	681	611
31.	1079	.....	1459	.....	*1326	.....	348	206	.....	324	.....	597
Mean.	541	562	1351	1319	1473	849	530	287	227	277	570	457
Maximum.	1079	*1151	*1571	1565	1642	*1270	674	337	271	377	825	659
Minimum.	*315	280	*743	*1035	*1107	604	348	206	198	195	342	263

* Indicates actual observed discharge. All other quantities taken from discharge curve.

MISSISSIPPI RIVER AT HICKMAN, KENTUCKY.

(COLUMBUS, KY. STATION.)

LOCATION.—Discharge section is about 1.9 miles below Hickman, Ky., at a location 38.3 miles below Cairo and replaces the sections at Columbus, Ky., 22 miles below Cairo, and at Wickliffe, Ky., 5 miles below Cairo, previously used.

DRAINAGE AREA.—918,000 square miles.

RECORDS AVAILABLE.—Discharge, 1857 to date; gage, 1881 to date.

GAGE.—U. S. Engineer gage at Columbus, Ky., 21.6 miles below Cairo, about 16.7 miles above the discharge range. Limits, 12.0 to 52.0 feet, supplemented as necessary. Zero of gage 266.46 feet above mean Gulf level.

DISCHARGE MEASUREMENTS.—Meters and floats observed from boat.

CHANNEL AND CONTROL.—No control. Good reach and section.

EXTREMES OF DISCHARGE.—Maximum observed, 2,015,000 c. f. s. on April 9, 1913, at a stage of 49.3 feet; minimum observed, 71,000 c. f. s. on November 8, 1897, at a stage of 2.2 feet. Observed discharge of 1,617,070 c. f. s. on April 16, 1927, at the maximum recorded stage of 51.0 feet; minimum scaled, 44,000 c. f. s. on November 6-8, 1895, at a stage of 0.05 foot.

ICE.—Usually affected by ice from January to March.

REGULATION.—None.

ACCURACY.—Stage-discharge relation permanent except when affected by unusually heavy ice. Rating curve well defined. Gage read daily at 8 a. m. and 4 p. m. Records good.

AUTHORITY.—U. S. Engineer Office, Memphis, Tenn., December, 1930.

Daily discharge in 1,000 second-feet, Mississippi River at Hickman, Kentucky, for the year ending December 31, 1928.

Day.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	618	583	633	644	1057	531	1214	561	*315	*222	280	*625
2.....	579	565	600	655	1036	515	1225	544	312	*220	278	576
3.....	568	528	572	716	1007	515	1230	525	324	223	*320	*553
4.....	544	506	547	764	966	534	1225	509	*312	229	271	509
5.....	506	480	544	787	945	572	1236	483	*365	233	*298	*532
6.....	509	471	534	825	916	604	1236	477	*377	233	*312	*506
7.....	551	471	515	904	896	640	1230	459	*385	229	*319	*549
8.....	534	480	483	970	864	693	1225	450	*367	*232	*326	*559
9.....	509	506	465	998	832	776	1214	456	387	229	*331	554
10.....	483	561	444	998	802	852	1188	487	*393	*229	*348	*517
11.....	487	633	471	986	757	953	1153	499	*384	222	322	*491
12.....	512	689	480	966	708	994	1101	496	*370	*243	*361	493
13.....	522	768	506	920	651	1028	1028	477	*365	218	*347	459
14.....	515	821	512	864	600	1070	945	444	*336	213	*327	*408
15.....	512	844	506	821	547	1105	864	427	*296	202	*315	*368
16.....	509	864	515	791	502	1115	825	408	324	195	*303	358
17.....	502	868	547	795	465	1120	798	390	*388	222	245	337
18.....	487	876	600	821	436	1115	768	360	*425	*244	241	*369
19.....	483	884	655	848	422	1115	749	342	*391	222	253	419
20.....	502	880	693	864	419	1083	731	331	*357	*247	*383	*478
21.....	531	860	731	880	436	1092	708	320	*348	253	324	*568
22.....	551	825	761	933	471	1134	685	331	*335	263	*703	*595
23.....	565	787	787	957	525	1173	655	353	295	*311	*789	659
24.....	579	776	802	978	561	1188	633	377	*294	276	*868	*669
25.....	590	761	802	1007	561	1173	611	401	*305	*299	884	629
26.....	614	749	787	1032	568	1139	597	*397	*295	*322	*927	*580
27.....	633	723	761	1057	583	1101	590	*414	*271	301	904	*539
28.....	640	693	727	1070	593	1074	586	*391	*271	282	*860	*473
29.....	636	663	693	1074	600	1096	579	*374	*250	*332	780	468
30.....	625	.....	663	1070	586	1188	579	*328	233	*334	*736	419
31.....	607	.....	651	.....	554	.....	576	*325	.....	*325	.....	*366
Mean.....	548	694	612	900	673	943	903	424	336	252	465	504
Maximum.....	640	884	802	1074	1057	1188	1236	561	*425	*334	*927	*669
Minimum.....	483	471	444	644	419	515	576	320	233	[195]	241	337

* Indicates actual observed discharge. All other quantities taken from discharge curve.

8 AM 9:20 42.9 is 1.7 is low for year.

yearly = 604.