DAILY DISCHARGE FOR 1994

MISSISSIPPI RIVER AT MEMPHIS, TENN.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	405	860	1124	972	1337	451	504	346	283	257	245	371
2	390	904	1139	1013	1306	443	521	361	274	268	243	413
3	384	937	1143	1048	1276	437	528	375	273	272	241	450
4	383	959	1140	1075	1251	424	525	379	272	270	238	473
5	385	973	1137	1099	1225	410	514	366	269	270	239	479
6	390	977	1131	1122	1199	399	503	340	270	273	249	471
7	398	982	1127	1129	1183	399	486	325	272	276	273	459
8	410	982	1124	1133	1159	375	461	321	274	277	298	460
9	435	984	1124	1139	1140	367	436	316	268	272	310	478
10	471	984	1122	1145	1091	389	408	307	257	262	311	507
11	511	980	1119	1150	1035	412	390	305	252	246	319	537
12	554	957	1117	1155	997	435	390	308	243	235	335	568
13	595	926	1121	1158	977	446	391	303	234	233	360	594
14	631	901	1129	1167	973	444	382	287	228	233	383	612
15	659	895	1140	1194	975	433	378	272	222	228	387	627
16	673	906	1146	1232	977	424	392	258	220	228	372	638
17	675	923	1147	1269	976	416	404	247	222	233	354	642
18	651	944	1148	1322	963	416	402	250	223	239	341	630
19	622	962	1147	1370	930	415	387	265	221	245	329	593
20	600	976	1146	1405	875	423	379	281	218	251	322	547
21	579	989	1145	1425	811	423	385	297	215	254	320	504
22	550	1004	1138	1437	748	419	387	315	214	255	306	486
23	503	1026	1128	1440	691	413	388	333	216	256	292	465
24	471	1034	1112	1437	634	411	384	354	222	255	291	434
25	463	1043	1074	1426	582	405	368	383	225	250	290	407
26	473	1057	1012	1413	547	399	353	400	222	243	306	384
27	507	1078	953	1398	516	400	349	398	217	238	330	356
28	565	1102	900	1384	487	410	346	386	214	240	345	332
29	637	----	872	1375	466	438	354	367	219	242	339	319
30	726	----	887	1360	458	474	356	334	238	243	340	309
31	804	----	927	----	457	----	348	303	----	244	----	296
MEAN	532	973	1091	1246	911	418	413	325	240	251	310	479
MAX	804	1102	1148	1440	1337	474	528	400	283	277	387	642
MIN	383	860	872	972	457	367	346	247	214	228	238	296

THE MEAN FLOW FOR THE YEAR 597
HIGHEST FLOW WAS 1443 23 APR 1994
LOWEST FLOW WAS 213 28 SEP 1994

DAILY DISCHARGE FOR 1993

MISSISSIPPI RIVER AT MEMPHIS, TENN.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	790	877	786	1130	1076	586	659	1029	663	870	481	775
2	763	859	802	1159	1081	569	663	1044	650	902	470	748
3	736	831	808	1174	1085	556	671	1047	639	925	455	735
4	725	778	798	1187	1087	544	680	1047	630	937	445	757
5	731	719	779	1199	1091	544	688	1041	630	940	442	777
6	754	668	766	1208	1098	542	708	1042	633	937	442	800
7	811	624	802	1213	1107	547	733	1036	639	926	444	823
8	876	587	877	1215	1115	557	762	1032	652	906	443	846
9	931	553	954	1230	1120	568	793	1038	664	879	436	872
10	971	525	1016	1227	1120	582	818	1040	669	842	435	890
11	994	507	1062	1223	1115	608	836	1040	661	793	442	895
12	1002	496	1100	1217	1101	644	850	1039	656	735	440	895
13	998	495	1135	1209	1082	667	861	1036	649	676	430	898
14	985	496	1157	1197	1051	672	870	1026	640	624	426	907
15	967	501	1178	1204	1012	673	879	1016	628	585	427	903
16	947	514	1186	1195	972	677	890	1008	619	553	443	893
17	923	528	1190	1178	935	681	899	1001	617	530	566	869
18	902	544	1183	1166	902	682	903	995	616	515	700	830
19	890	560	1169	1159	880	680	909	989	622	507	800	776
20	882	569	1144	1162	859	667	935	982	639	503	866	719
21	883	580	1101	1159	849	644	962	971	657	498	912	667
22	873	592	1041	1160	847	619	993	955	671	495	947	631
23	858	612	986	1161	843	604	1006	937	683	513	967	603
24	856	640	935	1159	828	600	1015	910	694	538	971	582
25	843	674	909	1157	803	603	1022	874	713	547	963	566
26	836	715	912	1151	775	610	1027	843	737	547	947	551
27	841	741	936	1133	744	617	1025	813	763	541	924	536
28	853	767	970	1114	703	624	1020	778	787	527	894	525
29	872		1006	1096	659	638	1016	747	811	515	856	509
30	884		1049	1084	629	657	1018	716	839	499	814	483
31	885		1094		608		1023	686		487		451
MEAN	872	626	994	1174	941	615	875	959	672	670	640	732
MAX	1002	877	1190	1230	1120	682	1027	1047	839	940	971	907
MIN	725	495	766	1084	608	542	659	686	616	487	426	451

TOTAL DISCHARGE FOR YEAR WAS 298105 MEAN DISCHARGE FOR YEAR WAS 816

MAXIMUM DISCHARGE WAS 1,235,094 CFS ON APR. 9.
MINIMUM DISCHARGE WAS 423,991 CFS ON NOV. 16.

DAILY DISCHARGE FOR 1992

MISSISSIPPI RIVER AT MEMPHIS, TENN.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	552	448	556	679	749	299	308	678	288	497	246	903
2	548	438	580	656	725	298	290	722	317	478	243	894
3	547	417	603	659	687	313	275	748	349	454	237	882
4	549	397	621	672	647	335	265	752	363	425	236	865
5	554	375	628	675	606	345	256	745	355	386	241	838
6	565	352	621	665	570	346	259	735	327	346	250	797
7	582	328	598	641	542	351	284	717	291	315	265	739
8	606	309	563	608	522	356	310	690	270	293	284	668
9	620	299	533	578	512	360	329	654	257	274	319	613
10	616	291	531	547	506	365	334	614	255	260	358	573
11	601	281	525	519	498	378	327	582	263	254	389	537
12	575	273	534	493	490	386	316	564	271	253	409	513
13	548	269	602	469	482	397	314	552	276	250	420	493
14	527	268	685	451	483	402	329	535	292	244	444	479
15	508	267	755	435	489	405	359	518	318	239	480	460
16	484	263	796	415	475	402	381	501	341	236	515	485
17	463	265	819	402	451	386	390	479	350	238	535	492
18	461	289	843	397	417	354	399	454	350	251	591	514
19	477	323	842	400	389	318	428	432	340	263	614	569
20	487	369	819	412	367	295	485	417	328	273	612	640
21	481	410	799	437	354	289	534	406	321	279	605	712
22	464	442	793	482	346	321	570	394	329	282	600	773
23	438	466	799	544	340	381	583	381	342	289	597	830
24	405	490	813	598	340	418	581	358	370	295	612	872
25	373	515	837	639	343	417	570	327	402	288	679	899
26	349	528	855	678	349	401	560	296	432	277	767	911
27	337	529	865	711	348	376	560	281	465	266	834	904
28	339	539	856	739	342	344	567	280	494	256	873	882
29	358	543	833	753	337	319	576	279	511	255	897	857
30	397		792	757	326	313	592	276	511	256	905	835
31	434		725		310		626	278		251		812
MEAN	491	378	710	570	462	355	417	504	345	297	501	718
MAX	620	543	865	757	749	418	626	752	511	497	905	911
MIN	337	263	525	397	310	289	256	276	255	236	236	479

TOTAL DISCHARGE FOR YEAR WAS 175893 MEAN DISCHARGE FOR YEAR WAS 480

MAXIMUM DISCHARGE WAS 913,182 CFS ON DEC. 26.
MINIMUM DISCHARGE WAS 234,343 CFS ON NOV. 3.

DAILY DISCHARGE FOR 1991

MISSISSIPPI RIVER AT MEMPHIS, TENN.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1248	636	1153	1030	795	834	419	244	189	199	192	361
2	1267	559	1177	1049	761	836	400	244	182	194	201	354
3	1292	534	1189	1071	745	802	378	237	174	190	209	373
4	1315	528	1190	1100	735	753	365	227	174	187	213	429
5	1332	531	1165	1117	727	701	359	215	178	184	218	567
6	1348	551	1122	1121	706	664	349	203	181	179	228	702
7	1360	554	1052	1118	687	633	341	200	184	177	240	800
8	1355	567	972	1111	686	602	337	199	187	179	246	864
9	1346	599	906	1091	693	578	333	198	189	187	247	924
10	1341	643	858	1045	714	556	324	197	181	200	252	959
11	1337	693	827	966	741	538	314	199	170	207	258	969
12	1361	733	815	890	774	524	321	207	164	206	260	967
13	1383	768	814	825	803	498	343	220	167	202	255	966
14	1410	792	813	792	811	474	364	223	176	196	248	922
15	1405	805	806	785	805	463	378	223	187	190	243	859
16	1399	814	794	782	795	465	374	223	192	181	242	815
17	1387	828	783	809	775	471	360	223	194	173	244	796
18	1372	849	778	851	763	465	348	220	197	165	245	795
19	1353	873	779	902	744	457	342	215	202	160	246	793
20	1332	882	788	936	721	462	328	214	203	156	267	785
21	1302	913	802	959	696	472	308	216	203	152	264	766
22	1265	961	813	978	681	481	295	218	203	149	261	721
23	1225	985	827	993	659	484	281	221	203	143	276	666
24	1185	1003	850	1001	630	490	271	225	203	139	300	612
25	1132	1014	883	1000	617	488	262	221	202	143	322	571
26	1071	1055	911	990	622	474	256	212	198	147	355	542
27	1000	1093	933	979	600	460	256	207	195	153	389	526
28	922	1125	953	949	593	445	259	205	197	159	408	527
29	834		979	908	623	434	261	204	202	169	403	538
30	757		1000	845	698	428	252	201	204	176	380	548
31	725		1013		788		246	196		181		549
MEAN	1237	781	927	966	715	547	323	214	189	174	270	695
MAX	1410	1125	1190	1121	811	836	419	244	204	207	408	969
MIN	725	528	778	782	593	428	246	196	164	139	192	354

TOTAL DISCHARGE FOR YEAR WAS 214070 MEAN DISCHARGE FOR YEAR WAS 586

MAXIMUM DISCHARGE WAS 1,412,208 CFS ON JAN. 14.
MINIMUM DISCHARGE WAS 138,528 CFS ON OCT. 24.

MISSISSIPPI RIVER AT MEMPHIS, TENN.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	196	601	1120	666	539	1113	669	452	409	258	435	325
2	203	621	1102	643	517	1106	654	422	408	249	422	336
3	222	664	1068	618	497	1103	635	406	407	240	394	358
4	270	715	1010	585	482	1104	614	409	401	238	357	372
5	349	766	922	557	483	1103	592	415	392	230	322	383
6	443	830	814	534	496	1101	577	406	379	225	293	406
7	527	885	722	503	511	1094	560	398	368	227	279	451
8	611	928	683	481	541	1081	542	395	363	240	272	503
9	642	963	676	464	601	1060	524	395	366	252	273	536
10	658	992	645	452	655	1036	514	402	362	260	276	550
11	661	1003	609	439	685	1010	510	410	352	263	275	551
12	648	1009	592	433	685	979	511	413	350	269	279	540
13	619	1015	580	444	664	947	507	406	352	286	285	519
14	580	1017	572	466	633	908	504	389	341	301	299	482
15	537	1029	585	487	611	869	509	375	321	311	319	444
16	504	1052	607	507	604	832	516	364	307	312	337	407
17	485	1066	623	525	618	794	521	352	303	321	347	380
18	471	1081	654	552	660	743	533	340	300	343	354	386
19	445	1103	723	564	743	688	555	334	293	371	351	398
20	418	1125	796	573	850	651	574	326	288	396	344	438
21	403	1141	852	573	933	649	582	318	283	410	333	574
22	428	1154	888	556	990	670	587	316	281	411	315	705
23	483	1155	917	532	1037	676	587	323	285	400	298	812
24	539	1150	925	514	1074	674	577	341	287	392	290	911
25	585	1142	923	516	1102	673	561	365	281	393	286	972
26	614	1134	912	527	1116	679	543	389	273	401	289	1021
27	625	1126	886	535	1121	682	534	411	268	413	298	1078
28	627	1124	841	552	1120	688	533	423	268	422	315	1131
29	634		778	566	1118	689	527	428	267	427	320	1166
30	630		722	560	1116	680	510	429	264	429	321	1198
31	615		691		1112		484	423		433		1232
MEAN	505	985	788	530	771	869	553	386	327	326	319	631
MAX	661	1155	1120	666	1121	1113	669	452	409	433	435	1232
MIN	196	601	572	433	482	649	484	316	264	225	272	325

TOTAL DISCHARGE FOR YEAR WAS 211827 MEAN DISCHARGE FOR YEAR WAS 580

MAXIMUM DISCHARGE WAS 1,242,243 CFS ON DEC. 31.
MINIMUM DISCHARGE WAS 194,180 CFS ON JAN. 1.

MISSISSIPPI RIVER AT MEMPHIS, TENN.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	701	415	1154	751	390	547	736	294	366	453	334	380
2	711	406	1154	760	401	564	722	296	360	428	302	371
3	707	409	1155	770	425	573	690	300	348	407	287	366
4	685	430	1150	790	451	571	682	302	345	399	272	364
5	657	471	1146	816	480	560	698	299	355	414	268	362
6	630	537	1130	861	508	528	708	289	368	437	274	360
7	600	582	1105	917	538	500	697	273	371	446	281	352
8	586	606	1074	973	571	485	685	260	359	456	298	339
9	579	622	1041	1016	597	488	667	258	344	462	297	322
10	592	624	1019	1051	596	500	644	258	329	458	295	307
11	611	616	1000	1077	590	511	612	263	316	443	289	301
12	661	594	988	1084	590	527	581	268	309	423	290	301
13	698	563	977	1090	597	551	548	254	326	397	300	298
14	757	549	967	1092	609	563	517	230	362	367	316	300
15	830	561	966	1089	620	579	488	211	395	337	329	303
16	890	641	965	1075	622	605	468	196	426	317	335	303
17	943	769	963	1054	623	628	452	189	461	314	336	297
18	983	882	954	1020	623	651	441	186	486	299	336	287
19	1015	945	926	965	626	688	432	187	484	289	350	278
20	1033	978	885	879	628	712	406	193	484	291	381	270
21	1035	1014	827	769	623	727	369	199	492	306	410	254
22	1027	1027	758	661	613	743	339	205	500	331	448	232
23	1007	1044	714	572	597	759	326	211	498	371	485	219
24	976	1069	696	513	582	773	325	220	477	417	507	215
25	923	1098	708	474	577	787	328	239	448	471	510	209
26	824	1125	724	456	571	797	334	262	431	508	495	200
27	716	1148	739	438	561	799	336	281	422	524	469	197
28	620	1160	738	424	547	793	332	296	423	514	437	196
29	530		760	408	531	779	322	313	439	478	413	197
30	457		761	394	516	759	314	338	456	423	397	194
31	428		755		532		303	357		376		195
MEAN	755	745	932	807	559	634	500	255	406	405	358	282
MAX	1035	1160	1155	1092	628	799	736	357	500	524	510	380
MIN	428	406	696	394	390	485	303	186	309	289	268	194

TOTAL DISCHARGE FOR YEAR WAS 201492 MEAN DISCHARGE FOR YEAR WAS 552

MAXIMUM DISCHARGE WAS 1,162,441 CFS ON FEB. 28.
MINIMUM DISCHARGE WAS 184,609 CFS ON AUG. 18.

MISSISSIPPI RIVER AT MEMPHIS, TENN.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1012	592	572	384	349	239	119	146	133	188	156	601
2	1010	534	542	444	332	226	121	145	137	192	152	561
3	997	511	507	542	322	203	120	138	139	199	145	521
4	962	547	475	614	310	180	117	131	139	192	141	489
5	901	660	438	630	300	166	114	123	136	181	141	449
6	817	755	417	639	293	155	114	119	133	169	147	418
7	745	803	423	643	291	155	113	118	135	159	152	391
8	678	839	474	666	286	164	112	122	136	153	158	369
9	624	849	539	693	282	174	111	129	135	151	167	342
10	589	855	595	720	279	168	110	136	135	152	179	304
11	528	858	641	734	285	161	111	133	137	154	194	269
12	397	856	672	738	298	155	112	123	143	154	208	251
13	363	852	680	735	306	151	120	117	140	150	223	247
14	327	839	668	725	309	153	127	114	133	141	226	243
15	314	812	625	718	303	153	127	115	125	132	230	244
16	314	758	581	712	300	154	124	119	120	127	235	238
17	318	675	557	695	290	150	121	122	124	125	235	221
18	314	617	547	671	283	146	120	126	127	127	233	199
19	312	583	543	620	276	144	122	129	140	133	238	183
20	378	565	535	575	263	143	122	127	143	139	301	168
21	387	550	526	537	251	145	125	125	135	143	316	158
22	436	541	488	512	247	147	124	132	126	144	360	155
23	618	543	453	497	246	120	135	141	133	140	448	154
24	749	553	431	483	251	122	164	144	152	139	543	165
25	814	576	403	460	257	125	184	142	169	138	604	187
26	835	597	379	431	262	125	194	137	165	149	636	217
27	833	609	356	411	264	123	175	134	163	156	672	256
28	828	607	337	390	267	125	156	132	167	156	670	355
29	808	598	328	371	262	125	146	130	174	155	664	452
30	757		333	360	254	120	147	129	180	155	639	590
31	681		350		248		149	130		159		677
MEAN	633	673	497	578	282	153	130	129	141	153	313	324
MAX	1012	858	680	738	349	239	194	146	180	199	672	677
MIN	312	511	328	360	246	120	110	114	120	125	141	154

TOTAL DISCHARGE FOR YEAR WAS 121885 MEAN DISCHARGE FOR YEAR WAS 333

MAXIMUM DISCHARGE WAS 1,011,748 CFS ON JAN. 1.
MINIMUM DISCHARGE WAS 110,333 CFS ON JUL. 10.

DAILY DISCHARGE FOR 1987

MISSISSIPPI RIVER AT MEMPHIS, TENN.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	588	412	609	523	642	372	285	239	230	226	171	260
2	598	393	686	553	622	393	278	239	259	215	169	279
3	594	382	771	593	611	422	272	238	293	210	167	294
4	571	387	834	625	596	441	266	249	306	207	165	303
5	534	410	876	649	573	445	263	256	306	204	167	320
6	498	435	907	667	545	437	274	250	301	197	168	340
7	471	460	932	679	515	422	289	251	288	189	168	356
8	447	478	941	685	487	401	313	255	271	183	171	359
9	430	481	935	680	470	393	344	257	260	186	179	353
10	416	479	915	667	469	380	386	260	249	189	189	340
11	401	475	885	656	471	362	416	256	242	190	194	326
12	382	463	839	654	465	345	433	240	241	185	201	313
13	361	448	775	681	447	335	443	222	252	180	207	301
14	346	433	712	697	419	329	432	215	259	188	215	293
15	341	421	646	721	388	330	423	213	258	200	216	299
16	339	412	591	762	358	323	424	207	245	200	214	309
17	337	400	568	805	338	316	433	197	236	196	220	319
18	335	393	552	847	327	300	438	193	241	190	214	329
19	331	386	540	890	315	297	437	198	247	186	213	337
20	328	383	516	928	307	300	429	209	244	183	215	338
21	335	377	496	940	303	306	410	217	237	178	216	335
22	363	375	481	942	298	314	383	229	234	172	218	337
23	410	388	481	942	296	300	356	244	236	165	220	350
24	446	407	507	940	301	288	333	252	246	163	216	395
25	483	427	541	932	320	285	310	254	265	164	209	520
26	517	457	556	920	341	287	290	257	279	167	211	619
27	533	500	549	889	366	294	271	258	282	171	221	708
28	536	552	528	829	382	299	257	248	274	171	236	830
29	521		511	763	385	301	246	234	260	173	244	914
30	484		502	686	378	295	237	224	243	173	248	967
31	443		509		367		233	222		172		1004
MEAN	442	429	667	758	422	343	342	234	259	186	202	430
MAX	598	552	941	942	642	445	443	260	306	226	248	1004
MIN	328	375	481	523	296	285	233	193	230	163	165	260

TOTAL DISCHARGE FOR YEAR WAS 143436 MEAN DISCHARGE FOR YEAR WAS 392

MAXIMUM DISCHARGE WAS 1,016,078 CFS ON DEC. 31.
MINIMUM DISCHARGE WAS 162,781 CFS ON OCT. 25.

DAILY DISCHARGE FOR 1986

MISSISSIPPI RIVER AT MEMPHIS, TENN.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	452	437	755	569	456	651	333	334	230	502	592	782
2	430	410	738	537	430	626	334	328	215	506	595	827
3	411	394	701	512	410	595	343	319	213	518	595	846
4	399	389	657	490	400	586	353	307	210	545	597	860
5	395	486	614	473	405	567	385	295	200	578	591	874
6	389	581	580	457	416	550	418	290	205	632	578	889
7	385	667	550	447	425	533	449	282	229	681	590	894
8	381	741	516	435	426	530	474	271	247	727	575	899
9	377	775	489	440	420	541	485	261	255	771	563	900
10	366	805	464	454	422	559	472	256	255	800	572	901
11	350	854	452	467	423	602	444	255	249	834	603	901
12	333	864	458	472	425	638	436	256	230	846	635	917
13	316	886	468	469	431	646	455	255	216	849	677	930
14	311	891	492	465	430	617	480	252	226	848	717	933
15	306	892	541	463	439	588	510	249	233	829	741	928
16	303	884	612	464	464	567	539	242	230	810	745	906
17	298	876	686	460	523	548	564	224	227	780	734	893
18	294	855	743	460	588	537	576	217	241	758	699	876
19	291	829	791	462	603	527	585	227	273	742	646	867
20	295	804	824	465	585	509	573	254	270	725	580	832
21	298	783	857	467	571	484	554	280	283	705	530	772
22	307	772	873	476	572	465	523	294	282	685	500	708
23	325	776	876	486	578	454	492	290	273	654	482	643
24	359	794	878	490	608	435	462	283	284	642	471	600
25	400	807	885	491	643	411	432	275	321	616	479	567
26	429	808	888	490	666	392	409	266	360	598	493	550
27	438	788	869	490	687	370	391	254	399	591	501	540
28	474	773	823	489	692	351	377	239	435	588	538	537
29	493		749	484	685	341	364	224	462	584	611	549
30	485		677	472	675	333	351	218	488	580	704	553
31	466		616		668		341	230		583		890
MEAN	372	736	681	476	521	518	448	265	274	680	597	792
MAX	493	892	888	569	692	651	585	334	488	849	745	933
MIN	291	389	452	435	400	333	333	217	200	502	471	537

TOTAL DISCHARGE FOR YEAR WAS 193291 MEAN DISCHARGE FOR YEAR WAS 529

MAXIMUM DISCHARGE WAS 933,043 CFS ON DEC. 14.
MINIMUM DISCHARGE WAS 200,254 CFS ON SEP. 5.

MISSISSIPPI RIVER AT MEMPHIS, TENN.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	860	329	1071	731	544	449	364	218	325	249	426	1087
2	876	320	1119	778	570	424	350	225	307	252	441	1077
3	921	317	1159	874	579	395	334	233	306	253	444	1072
4	970	320	1192	911	571	379	318	246	301	257	436	1070
5	1011	421	1221	956	602	374	311	261	287	258	428	1076
6	1041	487	1245	977	641	379	321	270	272	261	443	1095
7	1058	554	1262	1006	674	404	328	269	269	274	476	1115
8	1055	592	1274	1015	699	432	332	272	294	290	491	1130
9	1032	601	1281	1029	701	455	328	265	287	297	504	1137
10	998	600	1289	1038	681	467	319	254	262	296	524	1130
11	963	594	1293	1043	640	477	311	251	245	294	549	1123
12	928	585	1296	1044	617	483	304	259	234	289	571	1124
13	897	591	1291	1037	561	495	308	267	227	282	601	1109
14	863	618	1266	1018	492	514	317	276	219	273	638	1090
15	812	643	1233	987	460	542	321	270	211	281	668	1075
16	747	667	1196	949	433	543	321	265	204	324	694	1056
17	678	699	1160	910	423	515	320	256	201	396	740	1034
18	613	698	1124	867	427	491	307	259	198	454	752	995
19	561	689	1109	813	444	471	295	277	193	484	809	961
20	521	680	1098	771	469	451	292	313	190	490	861	920
21	500	660	1083	727	476	446	292	340	193	481	904	890
22	478	636	1081	683	483	461	296	350	195	468	947	869
23	424	627	1062	662	481	476	280	359	194	483	982	851
24	410	659	1040	670	479	471	257	362	196	507	1013	830
25	403	732	1001	635	480	451	241	355	203	525	1041	781
26	389	865	943	590	469	415	232	338	212	532	1063	711
27	381	960	872	559	450	385	234	348	216	526	1102	657
28	366	1024	810	543	428	376	222	351	223	497	1108	630
29	353		749	551	427	370	214	345	230	471	1106	578
30	346		724	549	436	368	213	346	242	442	1097	527
31	338		718		451		215	340		426		503
MEAN	703	613	1105	830	525	445	293	291	237	374	728	945
MAX	1058	1024	1296	1044	701	543	364	362	325	532	1108	1137
MIN	338	317	718	543	423	368	213	218	190	249	426	503

TOTAL DISCHARGE FOR YEAR WAS 215840 MEAN DISCHARGE FOR YEAR WAS 591

MAXIMUM DISCHARGE WAS 1,296,004 CFS ON MAR. 12.
MINIMUM DISCHARGE WAS 189,905 CFS ON SEP. 20.

DAILY DISCHARGE FOR 1984

MISSISSIPPI RIVER AT MEMPHIS, TENN.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	484	492	810	1179	1211	990	640	397	231	230	413	602
2	479	498	792	1227	1227	952	641	396	229	215	427	659
3	489	489	788	1270	1262	923	631	388	228	202	448	694
4	506	468	785	1286	1274	902	625	375	229	194	515	701
5	516	446	833	1292	1268	882	619	365	236	196	589	697
6	508	422	858	1294	1266	862	624	357	245	199	642	686
7	479	411	883	1305	1265	847	647	351	249	206	677	660
8	449	419	904	1316	1304	811	666	343	240	211	697	616
9	423	425	934	1327	1325	762	678	335	236	213	691	567
10	411	431	940	1331	1347	706	680	330	226	214	682	522
11	399	421	938	1336	1374	652	686	311	218	213	644	489
12	395	412	927	1331	1410	599	702	303	208	212	602	460
13	398	416	908	1326	1452	564	693	299	212	207	573	437
14	408	407	872	1317	1486	560	680	294	233	203	565	418
15	410	430	814	1308	1522	576	660	299	245	202	576	411
16	403	483	731	1303	1552	595	644	303	255	200	585	427
17	395	543	666	1289	1565	619	629	323	260	204	583	462
18	378	616	630	1270	1578	625	619	342	251	210	585	492
19	367	684	638	1242	1582	625	605	349	243	214	583	519
20	357	734	688	1209	1581	625	580	349	248	219	548	560
21	350	774	753	1165	1585	619	552	349	259	230	521	594
22	350	804	821	1111	1552	615	532	335	268	250	535	618
23	346	835	876	1044	1519	619	518	318	271	277	586	655
24	343	883	929	1002	1475	626	505	295	267	336	637	731
25	339	891	970	982	1422	627	492	280	245	403	668	785
26	327	903	1003	998	1366	635	456	262	236	443	674	828
27	325	898	1019	1035	1298	636	430	248	237	448	650	852
28	344	882	1048	1090	1228	633	416	241	252	445	608	864
29	378	846	1064	1136	1147	631	407	236	256	436	562	872
30	421		1093	1186	1086	635	404	233	242	419	558	868
31	465		1127		1034		398	232		414		860
MEAN	407	598	872	1216	1373	698	582	317	241	266	587	632
MAX	516	903	1127	1336	1585	990	702	397	271	448	697	872
MIN	325	407	630	982	1034	560	398	232	208	194	413	411

TOTAL DISCHARGE FOR YEAR WAS 237717 MEAN DISCHARGE FOR YEAR WAS 649

MAXIMUM DISCHARGE WAS 1,585,458 CFS ON MAY 21.
MINIMUM DISCHARGE WAS 194,220 CFS ON OCT. 4.

MISSISSIPPI RIVER AT MEMPHIS, TENN.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	589	523	550	662	1123	1599	491	350	213	202	379	679
2	666	513	553	667	1096	1573	481	320	221	207	338	727
3	746	511	544	680	1110	1530	477	302	218	211	309	796
4	822	507	533	711	1130	1494	483	287	220	210	295	834
5	892	514	522	751	1175	1445	510	280	224	214	280	856
6	972	545	530	786	1232	1382	538	280	220	213	266	887
7	1033	588	527	823	1295	1297	550	278	204	209	262	914
8	1091	619	543	877	1368	1216	553	277	191	208	271	948
9	1127	638	568	941	1422	1127	551	281	184	202	293	973
10	1134	652	609	992	1475	1048	541	279	190	195	320	986
11	1022	664	634	1053	1510	974	536	283	201	196	338	990
12	908	659	649	1118	1538	899	523	286	205	189	331	977
13	804	644	658	1175	1561	815	516	282	199	186	313	955
14	726	627	650	1230	1559	727	506	269	193	183	301	938
15	664	608	646	1276	1582	653	493	262	185	183	296	929
16	620	592	640	1299	1580	602	476	258	185	188	304	929
17	587	581	628	1324	1611	565	459	249	194	194	323	932
18	566	575	617	1344	1636	536	441	245	192	195	343	940
19	545	556	599	1369	1644	518	427	243	177	198	351	922
20	517	542	583	1366	1610	507	409	237	165	211	365	897
21	492	527	573	1357	1600	508	398	230	170	217	347	876
22	473	528	563	1347	1590	512	402	220	175	221	358	832
23	468	538	568	1338	1574	518	400	214	180	229	404	771
24	447	545	595	1346	1578	538	392	209	180	257	445	709
25	447	536	622	1331	1593	552	379	206	183	318	468	655
26	472	529	644	1305	1600	556	376	210	192	374	501	615
27	508	534	666	1280	1614	548	379	216	193	418	551	589
28	538	543	671	1242	1622	538	389	217	191	442	605	569
29	551		667	1203	1630	522	406	217	190	447	631	560
30	554		669	1160	1631	501	410	213	193	442	646	549
31	537		665		1627		390	211		418		520
MEAN	694	569	602	1111	1481	860	460	255	194	250	374	814
MAX	1134	664	671	1369	1644	1599	553	350	224	447	646	990
MIN	447	507	522	662	1096	501	376	206	165	183	262	520

TOTAL DISCHARGE FOR YEAR WAS 233497 MEAN DISCHARGE FOR YEAR WAS 639

MAXIMUM DISCHARGE WAS 1,644,443 CFS ON MAY 19.
MINIMUM DISCHARGE WAS 165,486 CFS ON SEP. 20.

MISSISSIPPI RIVER AT MEMPHIS, TENN.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	474	907	1114	1189	617	584	399	417	334	263	277	559
2	475	933	1117	1177	598	610	393	393	361	251	272	596
3	460	980	1109	1165	585	662	395	374	390	243	268	624
4	439	1023	1092	1143	575	730	410	365	423	236	265	696
5	420	1041	1065	1096	558	785	430	357	472	227	265	758
6	426	1038	1023	1034	533	821	438	351	527	217	274	871
7	511	1031	956	976	518	828	460	346	569	216	288	975
8	605	1013	879	930	517	804	484	340	552	226	316	1034
9	662	1021	797	904	505	778	520	337	505	225	333	1094
10	688	989	738	887	496	764	556	333	468	230	331	1148
11	712	971	698	871	490	763	572	335	439	228	332	1202
12	717	964	671	845	481	766	573	345	410	230	330	1226
13	707	955	649	803	471	785	549	364	379	234	315	1245
14	682	937	634	768	472	805	537	379	364	248	297	1253
15	638	938	633	734	472	808	526	372	342	259	280	1251
16	576	920	645	705	463	833	499	369	336	274	277	1238
17	506	883	682	718	448	827	474	344	346	304	281	1210
18	450	844	745	704	422	817	456	311	347	312	294	1172
19	403	805	805	691	408	798	442	304	353	303	323	1140
20	369	764	879	701	399	776	434	355	368	304	363	1107
21	349	782	933	716	411	763	437	404	376	306	379	1070
22	336	826	990	734	432	745	443	420	378	301	392	1037
23	337	890	1033	761	452	717	452	421	365	296	401	1011
24	360	940	1066	777	486	684	472	390	349	292	413	980
25	448	997	1099	776	516	643	499	357	338	287	429	974
26	616	1040	1121	771	536	596	522	329	327	283	446	973
27	725	1078	1149	750	540	544	538	316	317	278	469	997
28	797	1096	1162	706	541	494	538	307	307	274	497	1041
29	845		1180	662	560	469	523	299	286	272	510	1090
30	876		1188	634	573	420	488	302	268	275	527	1146
31	912		1196		574		449	314		280		1202
MEAN	565	950	937	844	504	713	480	353	386	263	348	1029
MAX	912	1096	1196	1189	617	833	573	421	569	312	527	1253
MIN	336	764	633	634	399	420	393	299	268	216	265	559

TOTAL DISCHARGE FOR YEAR WAS 223563 MEAN DISCHARGE FOR YEAR WAS 612

MAXIMUM DISCHARGE WAS 1,253,192 CFS ON DEC. 14.
MINIMUM DISCHARGE WAS 216,271 CFS ON OCT. 7.

MISSISSIPPI RIVER AT MEMPHIS, TENN.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	167	181	579	248	594	759	660	618	269	191	281	256
2	163	191	615	259	557	724	650	649	269	198	304	267
3	158	215	638	284	516	704	627	676	283	205	323	285
4	156	228	649	310	476	699	594	694	306	210	332	327
5	154	248	656	341	448	708	567	684	339	213	330	356
6	162	296	646	353	425	741	545	650	371	210	326	370
7	165	344	647	337	417	771	546	609	399	207	314	373
8	164	390	634	319	423	794	558	563	420	208	308	380
9	162	425	612	329	428	820	576	526	428	213	339	385
10	151	428	586	364	422	855	601	503	427	217	367	382
11	144	417	554	389	405	873	625	490	420	219	363	366
12	140	396	527	402	396	875	636	475	401	219	349	342
13	139	344	512	405	391	859	632	460	370	220	329	321
14	140	324	493	393	399	836	601	454	340	222	313	298
15	141	314	467	377	414	825	551	438	317	225	298	284
16	143	308	433	370	432	829	508	408	303	225	283	276
17	144	304	393	377	463	833	471	385	291	229	273	273
18	145	307	355	407	488	838	441	373	279	236	259	271
19	142	319	320	460	513	842	425	365	266	237	245	263
20	142	325	291	519	555	842	418	359	260	240	232	259
21	144	325	279	570	645	834	423	354	253	245	223	258
22	146	335	273	595	751	830	421	348	243	260	218	255
23	151	370	271	622	833	826	435	350	233	272	216	248
24	154	429	267	626	893	807	470	347	221	274	219	242
25	158	481	266	650	925	784	511	329	216	277	222	249
26	162	515	264	667	953	761	539	311	208	281	231	284
27	159	534	256	665	938	739	562	302	201	276	241	336
28	158	556	247	656	919	719	572	298	191	271	249	379
29	162		244	651	891	692	580	293	185	269	248	408
30	169		239	630	856	667	584	288	185	271	248	432
31	175		238		817		595	274		275		457
MEAN	153	351	433	452	599	789	545	447	296	235	282	318
MAX	175	556	656	667	953	875	660	694	428	281	367	457
MIN	139	181	238	248	391	667	418	274	185	191	216	242

TOTAL DISCHARGE FOR YEAR WAS 149275 MEAN DISCHARGE FOR YEAR WAS 408

MAXIMUM DISCHARGE WAS 953,305 ON MAY. 26.
MINIMUM DISCHARGE WAS 139,452 ON JAN. 13.

DAILY DISCHARGE FOR 1980

MISSISSIPPI RIVER AT MEMPHIS, TENN.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	692	511	541	1246	595	514	351	261	373	258	231	273
2	696	474	558	1250	538	474	361	246	318	251	230	285
3	696	438	557	1251	504	427	376	258	287	257	227	286
4	689	405	534	1250	488	388	382	266	267	265	225	287
5	671	381	493	1246	485	361	383	276	260	259	228	286
6	639	364	451	1238	484	356	390	277	271	257	224	265
7	593	344	419	1223	488	398	405	262	298	261	218	247
8	542	323	404	1229	487	479	414	249	319	258	219	236
9	499	302	410	1208	471	552	401	248	332	260	216	241
10	464	285	451	1176	442	601	378	262	341	273	211	244
11	446	277	535	1141	403	627	355	274	356	268	208	243
12	436	275	618	1124	368	630	330	283	355	266	204	240
13	431	282	679	1106	345	617	319	286	340	258	198	259
14	431	289	718	1092	324	597	324	285	318	252	197	288
15	445	286	739	1061	312	581	334	280	287	211	195	358
16	480	285	752	1033	310	567	349	273	271	207	193	401
17	522	290	783	1016	315	552	364	289	266	201	197	401
18	551	299	786	1016	328	537	374	313	262	195	202	373
19	567	316	804	1021	351	521	372	346	264	196	202	342
20	572	334	847	1027	380	506	357	383	269	195	205	309
21	568	351	891	1030	452	493	331	400	269	192	212	287
22	566	371	925	1028	534	481	301	401	277	197	221	254
23	567	394	970	1017	582	468	263	397	277	217	234	231
24	572	407	1025	1004	594	469	235	406	278	208	244	220
25	581	409	1070	989	584	454	222	436	282	199	249	213
26	594	408	1108	958	573	427	225	459	287	197	242	202
27	604	417	1136	909	571	406	238	472	286	196	235	192
28	599	454	1172	840	575	398	252	471	283	199	240	185
29	581	504	1203	759	577	380	268	461	274	196	255	177
30	562		1225	679	570	360	282	447	266	205	268	175
31	542		1241		547		278	419		222		170
MEAN	561	361	775	1072	470	487	329	335	294	228	221	263
MAX	696	511	1241	1251	595	630	414	472	373	273	268	401
MIN	431	275	404	679	310	356	222	246	260	192	193	170

TOTAL DISCHARGE FOR YEAR WAS 164592 MEAN DISCHARGE FOR YEAR WAS 449

MAXIMUM DISCHARGE WAS 1,260,370 ON APR. 3.
MINIMUM DISCHARGE WAS 170,012 ON DEC. 31.

MISSISSIPPI RIVER AT MEMPHIS, TENN.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	632	923	1002	1180	1242	592	483	575	577	643	324	833
2	612	915	1050	1237	1173	611	464	607	599	628	333	864
3	612	898	1099	1262	1096	634	438	625	605	606	325	876
4	637	866	1171	1299	1070	658	400	629	606	585	324	885
5	679	816	1203	1325	1035	665	388	634	603	570	349	885
6	726	743	1242	1347	1015	659	390	632	597	568	390	885
7	763	663	1267	1364	1004	643	389	617	576	559	420	862
8	787	586	1319	1386	1004	609	389	587	541	545	448	832
9	805	523	1367	1421	1008	581	388	559	507	528	483	776
10	823	481	1421	1433	1016	567	400	538	480	512	511	702
11	838	444	1476	1445	1020	535	407	518	457	495	517	623
12	853	409	1497	1463	1034	535	408	504	438	480	518	564
13	859	387	1512	1464	1033	542	403	491	427	464	521	544
14	861	371	1527	1461	1019	552	403	475	422	449	536	519
15	848	360	1519	1453	988	554	412	478	411	436	550	503
16	835	348	1500	1463	946	544	416	478	406	434	559	504
17	807	341	1486	1478	901	531	421	483	422	442	564	528
18	769	342	1467	1492	847	516	425	486	481	453	564	561
19	723	350	1454	1513	802	498	427	476	557	459	561	596
20	698	369	1445	1534	774	456	429	450	604	462	548	619
21	674	401	1435	1544	746	440	426	415	638	457	534	624
22	659	442	1415	1536	724	419	423	368	631	442	536	609
23	675	498	1406	1537	701	405	420	342	604	425	536	576
24	715	553	1380	1526	671	409	415	346	582	401	524	547
25	748	634	1344	1494	632	426	404	385	574	378	515	511
26	783	741	1308	1473	595	439	398	428	592	354	526	490
27	820	844	1272	1434	574	459	404	470	625	339	570	497
28	853	928	1248	1384	562	479	417	503	647	329	658	537
29	884		1220	1346	566	479	430	523	652	323	742	596
30	900		1198	1303	570	484	460	541	651	309	799	644
31	916		1187		576		521	562		311		672
MEAN	767	577	1336	1419	869	530	419	507	550	464	509	653
MAX	916	928	1527	1544	242	665	521	634	652	643	799	885
MIN	612	341	1002	1180	562	405	388	342	406	309	324	490

TOTAL DISCHARGE FOR YEAR WAS 262039 MEAN DISCHARGE FOR YEAR WAS 717

MAXIMUM DISCHARGE WAS 1543,927 ON APR. 21.
MINIMUM DISCHARGE WAS 308,130 ON OCT. 30.

DAILY DISCHARGES FOR 1978

MISSISSIPPI RIVER AT MEMPHIS, TENN.

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	636	699	282	1314	724	729	394	382	271	340	228	401
2	611	737	292	1316	714	701	388	374	285	332	239	429
3	586	765	315	1311	714	664	397	374	296	310	234	464
4	561	780	324	1303	719	613	416	389	312	285	216	489
5	536	785	327	1292	729	563	428	399	333	269	199	484
6	510	781	333	1273	735	528	438	397	352	259	189	509
7	487	765	341	1248	748	505	439	392	359	249	181	571
8	496	730	351	1210	723	493	436	378	348	241	175	649
9	493	673	367	1159	700	480	434	365	317	236	174	702
10	487	598	400	1094	706	467	435	356	289	231	175	741
11	488	521	436	1019	740	457	443	350	270	222	175	788
12	521	456	460	936	799	452	451	351	260	219	176	840
13	578	410	492	865	855	451	447	355	255	218	174	879
14	625	382	556	808	898	454	451	351	258	217	171	909
15	657	367	618	773	931	456	449	347	252	221	170	930
16	682	361	694	758	950	452	445	339	248	234	174	947
17	706	358	773	753	960	435	438	334	255	251	181	957
18	692	359	856	755	970	409	438	334	256	261	195	963
19	657	358	922	758	979	381	446	332	239	266	217	970
20	605	354	972	754	980	356	460	322	227	272	246	974
21	556	350	1020	743	976	346	472	304	240	276	285	981
22	513	345	1061	727	967	344	470	292	269	261	318	974
23	482	341	1095	715	957	349	451	285	300	235	343	964
24	475	336	1128	708	939	355	418	277	333	222	354	941
25	487	329	1158	714	914	366	387	268	359	209	347	897
26	490	316	1184	723	884	376	367	255	366	199	324	849
27	492	298	1211	731	854	382	355	241	360	192	318	794
28	505	286	1238	734	830	388	356	232	355	184	322	745
29	538		1263	733	808	394	367	233	348	182	347	704
30	593		1288	727	784	397	381	248	342	192	375	669
31	649		1305		756		386	258		209		643
MEAN	561	494	744	932	837	458	422	326	298	242	241	766
MAX	706	785	1305	1316	980	729	472	399	366	340	375	981
MIN	475	286	282	708	700	344	355	232	227	182	170	401

TOTAL DISCHARGE FOR YEAR WAS 192746. MEAN DISCHARGE FOR YEAR WAS 528

MAXIMUM DISCHARGE WAS 1,350,000 CFS ON APR. 2.
MINIMUM DISCHARGE WAS 170,000 CFS ON NOV. 15.

MISSISSIPPI RIVER AT MEMPHIS, TENN.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	203	192	363	650	409	225	370	245	280	412	501	608
2	201	185	421	669	412	209	392	249	262	410	491	633
3	201	178	476	679	409	203	402	239	247	410	477	663
4	198	166	538	670	404	195	398	223	246	413	464	710
5	196	159	575	651	402	191	372	208	249	433	461	772
6	196	152	607	633	406	187	374	209	249	466	491	815
7	196	146	655	644	409	185	372	209	250	491	543	859
8	195	149	690	686	405	184	358	196	266	505	589	895
9	197	152	720	740	400	186	338	215	292	509	614	919
10	206	148	742	792	409	188	322	216	316	507	616	927
11	211	144	757	835	440	185	310	217	333	506	611	928
12	216	147	775	865	471	184	298	219	336	512	609	915
13	215	150	776	878	487	185	290	231	331	528	612	930
14	214	149	775	886	490	186	289	287	322	543	617	932
15	215	152	780	893	477	189	294	323	308	548	628	921
16	218	166	791	886	450	192	290	342	296	543	646	904
17	220	189	794	869	416	217	284	358	290	532	643	882
18	229	224	792	837	380	218	282	377	309	514	622	856
19	236	261	783	780	354	205	288	400	364	486	593	830
20	238	301	768	695	332	190	284	418	425	455	566	811
21	240	328	745	591	313	174	277	424	452	427	557	798
22	242	322	721	497	298	173	253	413	457	403	550	794
23	242	306	607	432	288	180	237	392	454	385	553	802
24	236	289	644	386	277	192	226	366	455	375	568	810
25	234	284	609	357	265	191	229	339	450	374	592	808
26	234	285	584	356	250	202	244	308	442	373	607	791
27	231	292	566	374	243	233	251	285	436	367	609	774
28	229	313	549	392	250	270	254	282	427	365	599	753
29	223		536	400	251	302	255	293	423	387	598	729
30	218		565	403	249	338	257	295	419	446	600	699
31	207		617		241		256	290		494		667
MEAN	217	211	655	647	364	205	301	292	346	455	574	810
MAX.	242	328	794	893	490	338	402	424	457	548	646	932
MIN.	195	144	363	356	241	173	226	196	246	365	461	608

TOTAL DISCHARGE FOR YEAR WAS 155140. MEAN 425.0

MAXIMUM DISCHARGE WAS 937,400 CFS ON DEC. 14 (STAGE 24.66 FEET).
MINIMUM DISCHARGE WAS 144,000 CFS ON FEB. 11 (STAGE MINUS 5.58 FEET).

MISSISSIPPI RIVER AT MEMPHIS, TENN.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	541	566	856	732	505	380	339	294	166	165	307	198
2	584	580	857	743	533	324	333	276	170	191	320	203
3	614	590	858	742	554	358	333	262	164	199	334	216
4	629	597	851	735	560	390	334	255	170	205	345	221
5	654	589	848	730	558	437	348	260	183	195	351	221
6	691	592	814	717	546	443	373	264	175	192	348	219
7	728	576	775	713	530	450	403	263	160	197	348	220
8	740	551	753	700	504	454	406	251	153	199	345	214
9	750	509	757	676	480	443	393	228	151	192	337	210
10	782	472	760	652	460	422	375	202	145	182	323	208
11	792	441	765	625	440	391	352	192	141	178	305	218
12	792	391	764	589	423	346	343	196	160	167	277	247
13	782	374	756	545	416	307	331	196	141	174	255	272
14	761	366	727	508	403	284	323	191	139	190	235	299
15	709	382	697	466	374	264	316	189	139	218	223	264
16	650	376	681	455	364	243	301	184	138	238	220	342
17	584	371	663	432	369	230	296	169	140	280	209	344
18	540	407	655	408	380	233	308	171	142	337	202	331
19	519	456	648	404	380	241	317	181	145	361	194	313
20	523	535	638	392	390	242	311	189	145	359	191	301
21	529	627	637	379	409	247	300	200	138	332	183	287
22	534	693	629	369	433	252	271	191	145	284	180	278
23	519	740	617	362	445	264	263	191	152	247	178	263
24	496	771	609	361	438	283	248	184	148	227	183	249
25	470	808	616	374	411	300	232	171	145	219	184	242
26	445	840	629	404	376	313	226	157	143	220	172	234
27	425	854	649	438	355	323	236	153	141	224	179	229
28	426	860	661	461	333	335	246	153	145	239	184	222
29	447	859	683	473	316	339	251	158	145	266	190	214
30	490		722	486	295	343	290	166	147	283	200	209
31	536		723		289		295	163		292		209
MEAN	602	576	719	535	428	326	312	203	150	233	250	248
MAX.	792	860	858	743	560	454	406	294	183	361	351	344
MIN.	425	366	609	361	289	230	226	153	138	165	172	198

TOTAL DISCHARGE FOR YEAR WAS 139854 MEAN 382.0

MAXIMUM DISCHARGE WAS 859,000 CFS ON FEB. 29.
MINIMUM DISCHARGE WAS 138,000 CFS ON SEP. 16 AND 21.

MISSISSIPPI RIVER AT MEMPHIS, TENN.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	586	699	1086	1641	986	563	467	287	273	458	380	373
2	617	713	1121	1659	1028	551	477	277	290	469	350	383
3	654	748	1146	1664	1065	536	487	257	310	451	328	397
4	680	806	1158	1715	1089	550	495	253	318	410	315	428
5	699	867	1162	1750	1099	514	492	262	334	361	293	483
6	721	902	1166	1760	1104	523	469	259	352	317	284	540
7	732	920	1162	1753	1110	532	462	257	373	291	278	568
8	735	935	1158	1743	1112	532	461	248	373	285	275	574
9	731	953	1144	1708	1115	524	472	247	352	281	266	562
10	737	967	1135	1669	1108	513	484	252	320	272	269	528
11	739	982	1118	1680	1100	499	473	258	307	268	276	492
12	734	985	1134	1666	1097	493	444	264	303	281	281	475
13	752	983	1151	1537	1090	495	433	254	296	292	287	462
14	799	980	1132	1505	1076	500	425	241	292	294	293	451
15	852	973	1130	1379	1055	500	413	232	293	300	296	441
16	892	963	1142	1278	1031	492	395	229	295	304	301	431
17	916	950	1162	1132	987	483	368	229	298	306	316	419
18	929	925	1196	984	931	480	352	232	313	299	350	418
19	929	890	1250	849	870	486	342	232	322	291	400	441
20	915	855	1278	756	817	493	334	262	314	307	445	478
21	886	827	1309	680	784	500	331	273	300	368	468	514
22	853	813	1332	644	759	511	333	283	295	456	462	533
23	818	825	1395	625	740	514	334	294	296	520	438	529
24	786	827	1448	615	720	511	337	281	310	557	406	517
25	763	858	1488	616	698	502	345	258	335	576	379	503
26	748	923	1499	656	677	491	351	242	357	569	359	492
27	742	988	1504	706	655	480	343	234	372	556	355	470
28	743	1045	1554	795	621	467	335	227	378	534	351	446
29	743		1583	871	594	452	328	228	391	500	350	432
30	730		1592	939	578	452	317	239	419	465	354	449
31	709		1608		570		303	254		423		488
MEAN	770	896	1272	1232	911	504	400	253	326	389	340	474
MAX.	929	1045	1608	1760	1115	563	495	294	419	576	468	574
MIN.	586	699	1086	615	570	452	303	227	273	268	266	373

TOTAL DISCHARGE FOR YEAR WAS 235848, MEAN 646.2

MAXIMUM DISCHARGE WAS 1,767,700 CFS ON APR. 6 (STAGE 40.29 FEET).
MINIMUM DISCHARGE WAS 225,400 CFS ON AUG. 29 (ESTIMATED 1.70 FEET).

MISSISSIPPI RIVER AT MEMPHIS, TENN.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	940	1440	922	954	635	960	722	235	299	230	204	444
2	974	1450	907	908	614	945	735	238	336	237	202	435
3	1010	1470	880	850	598	934	739	241	363	252	200	425
4	1010	1480	840	806	585	937	734	241	376	261	205	414
5	1010	1480	803	785	576	956	722	240	393	265	214	413
6	1010	1490	760	794	568	978	704	236	430	268	219	426
7	1020	1490	715	821	574	1030	681	232	460	265	222	451
8	1030	1470	678	864	588	1050	654	228	464	250	278	484
9	1050	1440	667	885	601	1060	623	228	474	241	345	505
10	1070	1400	679	900	604	1080	593	226	484	239	409	516
11	1110	1380	713	918	611	1080	565	229	478	230	439	517
12	1120	1330	749	955	605	1090	534	235	462	218	434	520
13	1140	1270	778	967	596	1100	491	244	440	215	410	528
14	1150	1220	818	982	581	1100	455	266	410	214	401	534
15	1150	1170	856	992	577	1090	425	291	386	208	402	540
16	1170	1110	899	996	572	1080	400	317	385	204	412	544
17	1190	1020	939	1000	583	1050	363	336	394	207	419	545
18	1210	922	975	1010	617	1020	330	337	403	214	421	540
19	1240	860	1020	1000	662	980	315	313	406	228	415	540
20	1260	821	1040	987	724	930	306	289	390	238	424	529
21	1280	802	1060	960	773	864	303	281	366	246	419	518
22	1290	808	1080	958	807	807	297	277	336	249	418	515
23	1300	821	1080	925	828	754	291	269	302	249	416	514
24	1320	857	1080	878	848	707	284	262	265	248	418	511
25	1340	886	1080	839	875	673	272	254	242	241	417	511
26	1350	906	1060	796	903	657	265	252	233	231	420	501
27	1370	923	1050	754	926	659	254	254	240	221	426	501
28	1390	924	1080	719	932	672	247	250	247	211	438	502
29	1400		1020	690	935	684	241	248	250	210	430	511
30	1410		1000	659	936	702	239	251	237	210	452	533
31	1420		983		944		237	263		208		555
MEAN	1184	1165	910	885	702	920	452	260	365	232	364	500
MAX.	1420	1490	1080	1010	944	1100	739	337	484	268	452	555
MIN.	940	802	667	659	568	657	237	226	233	204	200	413

TOTAL DISCHARGE FOR YEAR WAS 240238. MEAN DISCHARGE FOR YEAR WAS 658.2

MAXIMUM DISCHARGE WAS 1,489,000 CFS ON FEB. 6 (STAGE 36.36 FEET).
MINIMUM DISCHARGE WAS 199,200 CFS ON NOV. 3 (STAGE 0.19 FEET).

MISSISSIPPI RIVER AT MEMPHIS, TENN.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1025	885	504	1633	1444	944	576	550	260	280	349	829
2	1046	879	490	1626	1488	947	568	525	254	338	355	878
3	1038	872	478	1620	1508	952	573	479	254	401	374	936
4	1035	867	477	1624	1523	953	572	445	254	449	402	966
5	1031	866	483	1610	1536	967	564	418	239	492	420	995
6	1029	868	492	1590	1542	984	545	386	229	525	421	1014
7	1027	877	508	1568	1562	998	522	360	232	544	416	1028
8	1022	917	527	1541	1574	997	504	337	234	550	409	1037
9	1010	938	576	1520	1544	992	500	322	230	552	398	1045
10	995	964	650	1484	1547	983	516	313	229	554	385	1050
11	978	992	756	1484	1558	974	531	302	225	556	363	1046
12	955	1012	838	1476	1542	963	523	285	217	547	344	1031
13	922	1026	890	1455	1516	954	496	285	227	522	337	999
14	870	1036	949	1432	1488	943	463	301	243	483	332	936
15	810	1027	992	1410	1466	926	443	317	245	437	329	853
16	739	1008	1048	1391	1426	899	433	338	235	409	322	754
17	667	985	1068	1360	1394	860	424	373	235	416	308	659
18	595	967	1089	1346	1368	816	410	381	233	450	303	592
19	544	955	1116	1338	1340	774	400	379	224	471	304	582
20	507	947	1147	1369	1323	741	379	378	223	474	307	525
21	516	933	1202	1364	1301	716	359	374	224	476	321	503
22	549	903	1262	1369	1241	701	345	356	220	482	328	492
23	610	865	1334	1392	1206	695	339	345	213	487	329	484
24	696	808	1405	1384	1139	699	338	330	216	487	336	476
25	766	737	1461	1387	1078	706	362	322	219	481	360	476
26	815	656	1507	1411	1012	709	400	314	218	473	415	495
27	849	583	1530	1432	967	702	482	307	219	456	529	531
28	876	531	1549	1438	931	681	548	294	223	432	620	586
29	894		1585	1440	918	644	578	285	229	403	682	661
30	897		1614	1442	925	607	580	275	244	375	758	737
31	891		1622		940		567	267		356		801
MEAN	845	889	1004	1464	1333	847	478	353	231	463	395	774
MAX.	1046	1036	1622	1633	1574	998	580	550	260	556	758	1050
MIN.	507	531	477	1338	918	607	338	267	213	280	303	476

MEAN DISCHARGE FOR YEAR WAS 755.9

MAXIMUM DISCHARGE WAS 1,633,000 CFS ON APR. 1 (STAGE 40.02 FEET).
MINIMUM DISCHARGE WAS 212,000 CFS ON SEP. 23 (STAGE 2.03 FEET).

MISSISSIPPI RIVER AT MEMPHIS, TENN.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	420	580	624	690	1147	440	429	370	290	329	384	783
2	408	583	673	668	1152	404	474	376	287	336	406	769
3	398	586	717	643	1152	375	512	379	288	357	426	757
4	410	584	761	629	1153	363	518	388	288	379	458	754
5	452	579	807	603	1152	358	549	394	281	385	504	755
6	527	573	845	579	1149	355	557	398	275	396	553	753
7	585	568	877	556	1144	344	552	403	270	386	627	739
8	619	537	902	539	1140	335	536	401	267	419	667	730
9	643	520	922	521	1129	327	509	397	268	422	694	740
10	663	504	943	509	1109	317	478	398	264	415	716	747
11	680	488	946	508	1071	304	446	418	264	397	718	770
12	696	472	943	521	1030	298	418	431	264	387	715	823
13	720	458	940	550	992	294	400	416	261	386	720	881
14	738	427	935	585	956	287	392	390	257	386	731	920
15	747	401	923	628	922	281	387	376	261	379	742	966
16	748	375	914	677	889	279	383	366	264	355	748	994
17	745	370	897	736	860	282	384	363	267	340	767	1024
18	737	381	883	808	842	291	380	364	274	334	789	1050
19	726	411	868	867	823	303	374	362	384	330	805	1074
20	711	464	851	904	805	322	374	355	303	326	800	1096
21	694	520	830	929	785	348	378	356	330	327	808	1112
22	662	563	811	944	764	376	380	354	350	332	819	1124
23	623	580	791	962	738	389	374	357	361	336	823	1131
24	577	583	768	985	707	389	363	353	357	341	823	1137
25	545	571	745	1010	665	386	360	358	344	348	825	1139
26	522	567	720	1034	621	377	362	362	335	345	825	1140
27	515	567	702	1062	583	370	355	365	326	344	819	1134
28	530	573	691	1087	547	372	335	342	316	344	813	1125
29	548	591	691	1116	512	380	330	316	317	345	802	1109
30	562		696	1130	488	395	335	301	331	352	791	1092
31	572		698		465		350	294		370		1080
MEAN	603	516	816	766	886	344	418	371	298	362	703	949
MAX.	748	591	946	1130	1153	440	557	431	384	422	825	1140
MIN.	398	370	624	508	465	279	330	294	257	326	384	730

TOTAL DISCHARGE FOR YEAR WAS 215031. **MEAN DISCHARGE FOR YEAR WAS 587.5**

MAXIMUM DISCHARGE WAS 1,153,000 CFS ON MAY 4 (STAGE 32.70 FEET).
MINIMUM DISCHARGE WAS 256,000 CFS ON SEP. 14 (STAGE 3.88 FEET).

MISSISSIPPI RIVER AT MEMPHIS, TENN.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	666	393	1100	618	379	431	314	289	277	239	259	247
2	663	407	1124	610	382	412	315	293	255	242	252	253
3	649	403	1140	597	386	397	315	305	238	244	244	265
4	628	391	1154	581	386	401	309	314	223	245	232	276
5	569	374	1164	565	386	402	297	320	216	241	228	291
6	520	352	1177	559	394	404	286	327	214	231	235	315
7	482	343	1187	559	398	410	276	333	209	220	244	342
8	467	350	1187	557	398	411	266	338	201	215	254	353
9	475	378	1187	559	403	405	256	345	206	216	271	369
10	478	435	1179	552	418	398	250	353	210	222	287	390
11	530	552	1159	540	431	405	243	363	221	224	296	407
12	543	598	1133	521	456	411	242	371	220	217	297	451
13	557	658	1098	501	513	410	249	364	213	213	292	510
14	562	692	1060	487	565	390	265	345	209	212	286	561
15	568	714	1016	474	630	371	289	312	219	206	280	594
16	574	719	967	465	686	367	307	283	211	202	272	624
17	568	716	920	456	746	378	326	268	216	204	267	637
18	547	702	922	447	761	399	348	257	227	209	267	649
19	518	695	863	434	780	425	359	249	249	207	268	662
20	499	694	837	418	787	444	355	239	279	201	265	680
21	488	702	821	399	783	458	347	230	304	197	264	690
22	488	730	807	385	765	452	346	218	313	192	263	690
23	480	756	782	380	732	442	346	220	312	186	260	669
24	470	824	755	365	688	424	347	230	310	190	257	634
25	456	920	724	351	642	390	353	247	296	199	260	562
26	437	984	696	344	594	358	365	266	289	204	264	550
27	423	1036	663	346	567	342	363	269	277	206	265	515
28	416	1072	638	353	546	332	338	261	270	210	267	492
29	410		632	366	508	324	309	257	245	229	264	468
30	400		627	374	479	315	298	268	239	246	253	452
31	391		623		451		294	279		257		453
MEAN	513	628	946	472	549	396	308	290	245	216	263	485
MAX.	666	1072	1187	618	787	458	365	371	313	257	297	690
MIN.	391	343	623	344	379	315	242	218	201	186	228	247

MEAN DISCHARGE FOR YEAY WAS 442.8
MAXIMUM DISCHARGE WAS 1,188,500 CFS ON MAR. 8 (STAGE 32.78 FEET).
MINIMUM DISCHARGE WAS 181,400 CFS ON OCT. 24 (STAGE MINUS 1.33 FEET).

MISSISSIPPI RIVER AT MEMPHIS, TENN.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	344	295	562	593	937	495	436	215	215	589	316	407
2	451	347	521	599	955	490	409	215	200	602	343	378
3	548	397	495	593	970	488	387	217	189	595	372	346
4	617	454	477	611	989	482	868	225	189	566	390	317
5	666	523	459	653	1010	486	351	231	185	512	392	299
6	717	551	469	723	1050	503	337	243	184	450	395	295
7	755	576	490	781	1080	543	330	258	193	394	410	296
8	778	596	516	829	1100	579	320	273	205	345	433	299
9	781	614	548	859	1130	608	306	280	209	319	446	305
10	762	626	579	876	1140	632	289	293	194	192	447	313
11	723	632	608	883	1140	647	280	323	187	272	447	318
12	673	629	629	883	1130	641	273	349	185	270	448	317
13	590	623	644	883	1110	623	269	375	189	272	449	317
14	511	620	650	876	1080	596	265	385	185	281	453	315
15	441	623	647	866	1020	569	262	390	184	317	459	315
16	387	632	632	852	955	565	269	380	193	602	456	314
17	347	641	611	829	894	562	271	354	203	446	443	327
18	318	653	585	781	835	582	258	311	227	467	426	355
19	313	669	562	730	808	605	241	263	247	458	416	389
20	313	679	551	672	808	617	239	235	267	437	414	407
21	311	679	545	620	818	614	243	223	291	402	411	417
22	311	669	545	611	829	599	247	229	327	379	416	430
23	307	659	551	635	832	582	258	235	368	349	423	460
24	295	653	554	688	822	576	258	243	402	331	427	495
25	289	653	548	752	805	571	252	254	411	328	431	528
26	284	647	548	815	765	565	247	265	407	319	446	565
27	280	629	575	849	711	554	241	271	423	311	460	594
28	278	599	565	883	653	534	225	265	485	310	460	624
29	263		582	905	593	503	207	256	537	313	449	637
30	251		587	919	545	469	207	247	576	312	432	641
31	260		593		514		217	233		307		645
MEAN	456	591	562	768	904	562	298	275	275	388	423	408
MAX.	781	679	650	919	1140	647	868	390	576	602	460	645
MIN.	251	295	459	593	514	469	207	215	184	192	316	295

TOTAL DISCHARGE FOR YEAR WAS 179594. MEAN DISCHARGE FOR YEAR WAS 492.0

MAXIMUM DISCHARGE WAS 1,141,000 CFS ON MAY 11 (STAGE 33.20 FEET.
MINIMUM DISCHARGE WAS 184,000 CFS ON SEP. 15 (STAGE -0.23 FEET.

MISSISSIPPI RIVER AT MEMPHIS, TENN.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	487	838	445	648	1001	533	602	540	235	217	291	333
2	553	903	437	657	969	486	614	508	220	219	278	311
3	584	960	435	653	936	440	629	481	210	215	270	301
4	582	1000	440	637	903	408	641	459	206	208	263	294
5	573	1037	449	629	872	395	653	439	209	210	258	282
6	564	1061	459	615	847	400	659	408	216	214	270	271
7	558	1078	456	599	816	409	659	376	226	213	282	267
8	545	1089	449	587	780	412	662	356	232	207	288	265
9	518	1095	449	612	738	402	667	334	239	206	289	266
10	485	1100	448	657	685	385	682	306	248	205	283	276
11	449	1105	446	706	639	369	701	305	257	204	275	299
12	404	1112	440	758	616	359	720	305	255	210	264	314
13	352	1116	427	804	606	348	736	306	247	209	253	315
14	304	1125	423	837	604	347	755	311	252	208	245	304
15	270	1132	408	859	601	359	778	325	261	226	241	298
16	255	1126	386	872	605	378	795	339	256	264	242	301
17	244	1111	371	879	613	394	812	348	239	447	250	300
18	238	1080	355	898	622	400	822	347	218	532	259	307
19	248	1040	332	907	627	392	829	322	211	571	259	318
20	285	980	318	919	629	396	829	269	210	596	254	336
21	356	901	307	935	634	405	812	294	223	596	263	352
22	446	817	312	958	640	397	784	304	243	561	290	354
23	533	704	328	982	644	383	746	312	261	494	325	343
24	588	615	347	994	643	372	718	321	271	449	349	324
25	631	548	361	1004	638	389	672	326	277	413	364	313
26	667	538	358	1016	633	445	653	335	275	387	370	306
27	691	480	418	1023	627	500	650	348	259	370	372	288
28	711	459	477	1031	629	541	644	355	233	351	366	257
29	725		538	1031	617	569	626	344	215	337	358	252
30	743		594	1021	603	593	610	301	210	322	347	262
31	778		630		569		576	260		305		284
MEAN	495	933	420	824	696	420	701	351	237	327	290	299
MAX.	778	1132	630	1031	1001	593	829	540	277	596	372	354
MIN.	238	459	307	587	569	347	576	260	206	204	241	252

TOTAL DISCHARGE FOR YEAR WAS 181391. MEAN DISCHARGE FOR YEAR WAS 497.0

MAXIMUM DISCHARGE WAS 1,152,000 CFS ON FEB. 15 (STAGE 31.61 FEET).
MINIMUM DISCHARGE WAS 204,000 CFS ON OCT. 11 (STAGE 1.00 FEET).

MISSISSIPPI RIVER AT MEMPHIS, TENN.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	829	513	263	835	489	816	376	340	175	224	238	379
2	792	540	248	831	480	845	383	353	168	226	235	392
3	755	555	235	826	459	867	381	354	168	224	241	409
4	703	611	230	838	430	877	376	349	164	215	244	438
5	651	676	222	835	402	886	371	347	170	209	252	449
6	608	745	225	845	382	894	366	342	161	211	261	440
7	585	791	203	860	382	901	360	338	162	204	261	430
8	572	825	200	883	386	908	353	351	159	205	256	421
9	568	843	196	892	385	912	348	379	156	208	257	417
10	569	852	188	898	376	912	346	391	157	211	266	404
11	558	851	198	902	373	908	344	392	153	209	276	398
12	557	847	211	901	381	897	339	382	160	207	287	394
13	555	833	216	897	398	879	340	369	164	210	296	395
14	553	814	235	884	420	838	337	363	170	211	301	387
15	554	784	281	862	436	767	336	367	178	204	303	374
16	552	743	339	828	457	670	334	376	185	198	291	354
17	556	703	403	790	448	567	330	392	188	210	281	320
18	554	652	468	737	516	484	324	410	191	228	273	283
19	550	595	536	683	525	440	322	415	193	243	268	261
20	537	540	595	633	528	420	317	394	189	256	282	244
21	516	486	649	591	525	399	308	384	187	257	313	228
22	488	439	693	566	514	372	302	361	186	257	346	224
23	459	403	725	544	510	352	295	342	185	260	363	219
24	429	374	744	517	500	344	287	307	182	261	362	228
25	407	346	760	499	496	338	287	284	181	266	349	252
26	404	316	777	485	495	326	290	274	179	279	343	289
27	416	297	798	477	502	321	294	267	181	285	345	317
28	436	282	814	469	547	323	294	264	193	273	357	340
29	458	273	827	468	513	335	302	232	208	255	356	350
30	485		837	480	712	356	318	213	218	245	358	382
31	500		840		773		328	192		241		428
MEAN	553	604	456	725	475	638	331	339	177	232	295	349
MAX.	829	852	840	902	773	912	383	415	218	285	363	449
MIN.	404	273	188	468	373	321	287	192	153	198	235	219

TOTAL DISCHARGE FOR YEAR WAS 157515. MEAN DISCHARGE FOR YEAR WAS 430.4

MAXIMUM DISCHARGE WAS 912,000 CFS ON JUNE 9 AND 10 (STAGE 28.31 FEET).
MINIMUM DISCHARGE WAS 153,000 CFS ON SEPTEMBER 11 (STAGE -1.42 FEET).

MISSISSIPPI RIVER AT MEMPHIS, TENN.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	413	317	411	836	622	765	610	364	234	206	259	314
2	430	336	423	799	637	663	618	396	229	212	263	343
3	437	353	427	752	639	560	629	415	226	217	271	359
4	437	377	419	699	645	485	633	425	226	224	292	386
5	437	412	405	650	644	449	636	427	227	231	352	436
6	433	441	396	625	644	437	647	428	228	236	423	506
7	425	452	386	624	651	441	649	423	230	230	462	570
8	406	455	385	637	661	446	648	400	221	222	479	605
9	382	455	438	643	664	443	650	378	200	216	481	622
10	356	458	531	635	666	436	642	361	185	215	470	628
11	334	459	635	605	674	425	620	351	191	215	449	624
12	312	457	715	576	699	413	604	348	202	219	418	614
13	288	449	771	552	733	399	606	349	204	227	385	611
14	268	437	807	540	767	388	614	345	191	238	368	622
15	269	411	835	532	806	390	617	327	180	249	360	631
16	273	380	849	534	849	404	617	311	180	260	349	638
17	271	349	858	537	901	427	609	294	181	255	337	650
18	256	323	867	539	936	458	591	274	182	238	327	663
19	249	306	880	548	965	494	564	252	183	233	317	671
20	250	292	894	569	985	526	513	236	188	245	309	681
21	249	288	902	583	995	542	457	222	200	256	297	693
22	244	301	908	591	1004	554	404	212	210	265	282	707
23	235	317	910	593	1008	567	360	210	211	272	271	721
24	227	335	914	587	1008	577	337	221	212	277	270	753
25	218	357	917	571	1002	586	329	234	210	278	275	793
26	211	380	922	566	995	591	324	236	203	274	285	822
27	216	393	925	556	983	596	314	231	197	269	297	845
28	220	402	914	557	966	600	307	225	197	266	302	858
29	229		903	571	938	603	322	233	197	265	294	853
30	252		886	592	897	607	328	246	203	264	300	855
31	288		866		845		338	243		262		849
MEAN	306	381	719	606	820	509	520	310	204	243	341	642
MAX.	437	459	925	836	1008	765	650	428	234	278	481	858
MIN.	211	288	385	532	622	388	307	210	180	206	259	314

MAXIMUM DISCHARGE WAS 1,011,000 CFS ON MAY 23 (STAGE, 29.78).
MINIMUM DISCHARGE WAS 180,000 CFS ON SEPT. 15 AND 16 (STAGE, 0.2).

MISSISSIPPI RIVER AT MEMPHIS, TENN.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	306	191	815	373	733	502	241	186	190	175	171	220
2	334	181	753	374	750	468	243	202	187	181	168	228
3	368	183	680	375	776	445	238	213	186	195	165	239
4	429	184	603	375	804	414	235	208	186	202	165	259
5	484	186	531	372	836	385	239	209	183	202	174	284
6	521	189	482	367	868	368	249	211	176	202	184	298
7	561	184	472	363	890	351	257	211	167	202	191	301
8	599	176	487	366	905	337	260	206	166	207	203	301
9	628	174	510	371	913	312	252	199	172	211	212	307
10	647	196	524	376	917	307	236	191	179	203	228	312
11	653	207	533	379	920	304	227	187	182	177	241	322
12	643	263	527	379	919	302	222	189	176	157	253	356
13	621	372	517	378	913	300	220	197	166	159	267	417
14	590	523	502	381	895	301	222	206	159	162	279	508
15	558	667	486	407	872	310	220	203	156	164	289	588
16	525	772	466	432	849	328	225	202	158	168	307	636
17	490	829	455	447	801	339	231	217	158	171	325	660
18	454	868	444	463	769	357	241	235	161	170	342	668
19	417	897	437	485	745	390	250	241	172	173	348	674
20	361	912	429	510	740	419	249	236	178	178	342	678
21	312	925	424	533	746	432	245	232	170	181	330	679
22	283	928	416	539	761	423	237	228	170	184	309	679
23	266	929	407	539	776	398	227	226	184	190	272	665
24	251	928	391	553	788	374	217	234	189	200	240	633
25	243	922	379	582	780	350	208	237	187	213	225	598
26	237	910	369	616	767	323	199	232	195	216	220	556
27	236	891	354	644	739	299	197	223	194	209	220	512
28	237	861	344	667	701	277	192	214	187	195	221	478
29	222		345	686	653	257	182	203	182	186	217	433
30	213		358	711	602	246	174	195	178	180	214	403
31	204		370		548		177	191		174		400
MEAN	415	551	477	468	796	353	226	211	176	186	244	461
MAX.	653	929	815	711	920	502	260	241	195	216	348	679
MIN.	204	174	344	363	548	246	174	186	156	157	165	220

MAXIMUM DISCHARGE WAS 931,000 CFS AT 2400 HOURS ON FEB. 22 (STAGE, 27.63).
MINIMUM DISCHARGE WAS 154,000 CFS ON SEPT. 15.

MISSISSIPPI RIVER AT MEMPHIS, TENN.--CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	375	456	450	880	847	432	322	361	211	624	271	260
2	397	470	447	927	823	424	302	310	221	627	269	265
3	406	475	470	967	819	421	293	262	224	615	269	275
4	409	475	506	995	830	421	299	226	244	588	275	282
5	411	467	546	1016	869	427	324	206	284	549	271	277
6	421	445	591	1038	877	424	375	190	315	506	260	269
7	453	419	630	1060	877	424	427	183	338	461	250	256
8	498	389	675	1069	858	437	464	186	335	427	246	240
9	552	356	714	1082	826	464	467	193	297	406	248	226
10	582	326	733	1091	785	495	450	200	280	399	248	226
11	588	326	746	1096	739	520	424	202	304	399	240	228
12	594	392	755	1105	691	531	401	200	324	397	234	226
13	606	478	755	1101	654	531	387	199	340	389	228	224
14	615	597	749	1101	630	520	375	195	370	377	224	222
15	621	704	739	1101	612	500	361	192	397	361	232	226
16	621	779	736	1101	597	475	349	190	409	345	236	228
17	612	826	733	1101	585	453	340	188	394	328	232	226
18	603	854	720	1101	570	437	335	190	375	315	230	224
19	597	873	701	1101	555	424	328	186	354	306	232	226
20	594	869	682	1101	534	421	324	178	347	308	236	232
21	567	850	672	1101	514	414	319	175	370	310	244	240
22	531	816	682	1096	498	406	313	171	394	317	252	240
23	489	772	711	1091	484	397	297	173	397	322	256	242
24	445	759	739	1082	470	387	280	175	389	315	260	242
25	404	666	759	1069	456	380	280	176	397	308	267	236
26	365	594	765	1051	442	375	313	178	434	299	273	228
27	340	528	739	1021	437	368	361	180	486	295	271	228
28	335	478	727	983	419	363	404	175	537	295	258	232
29	373		739	935	411	354	432	166	579	293	256	234
30	414		765	884	406	340	432	170	609	286	256	248
31	434		796		419		404	188		277		273
MEAN	492	587	682	1048	630	432	360	198	365	388	250	241
MAX.	621	873	796	1105	877	531	467	361	609	627	275	282
MIN.	335	326	447	880	406	340	280	166	211	277	224	222

MAXIMUM DISCHARGE WAS 1,110,000 CFS ON APR. 12 (STAGE, 32.99 FEET).
MINIMUM DISCHARGE WAS 163,000 ON AUG. 29 AND 30 (STAGE, -0.3 FEET).

MEMPHIS DISTRICT, CORPS OF ENGINEERS.

A16 MISSISSIPPI RIVER AT MEMPHIS, TENN.--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	108	342	254	1090	861	302	409	176	163	181	148	271
2	104	345	221	1060	892	322	392	173	163	199	154	291
3	103	345	204	1010	907	345	354	173	159	221	154	313
4	103	335	222	955	911	352	313	171	158	240	148	317
5	106	319	240	865	911	335	282	166	152	244	141	310
6	108	304	275	782	907	306	258	159	151	242	141	317
7	114	291	352	704	896	277	238	158	148	238	144	340
8	123	269	464	663	877	258	221	161	143	232	146	375
9	138	242	579	675	850	244	204	168	140	221	148	404
10	149	219	695	733	813	234	202	166	138	213	154	414
11	180	209	782	796	759	232	213	163	148	209	159	419
12	224	215	873	840	691	230	221	161	152	204	158	399
13	265	226	931	873	624	230	217	152	149	192	156	394
14	286	236	963	873	561	228	221	141	151	176	154	404
15	297	246	987	861	506	228	224	140	151	168	156	409
16	297	246	1010	847	458	224	230	149	159	156	154	421
17	291	244	1040	836	419	221	234	149	173	151	158	442
18	284	246	1050	819	385	217	242	140	180	152	158	461
19	273	267	1070	799	363	230	244	144	178	154	156	478
20	269	302	1090	768	352	277	242	154	176	154	163	486
21	252	333	1110	733	345	335	238	161	170	149	168	478
22	213	354	1120	685	338	377	234	161	163	146	181	464
23	175	361	1130	636	333	401	228	152	164	149	200	442
24	170	363	1150	600	326	406	219	149	170	151	215	416
25	185	361	1160	594	313	404	206	158	170	151	221	389
26	199	352	1160	636	304	414	200	170	173	152	224	354
27	222	338	1160	704	293	427	193	164	171	158	226	315
28	254	317	1150	759	284	432	188	163	171	163	226	299
29	288	293	1150	802	277	437	185	168	166	152	230	308
30	315		1140	836	282	434	181	171	170	143	244	326
31	335		1120		288		176	170		143		349
MEAN	207	293	833	794	558	311	239	159	160	180	172	380
MAX.	335	363	1160	1090	911	437	409	176	180	244	244	486
MIN.	103	209	204	594	277	217	176	140	138	143	141	271

357

MAXIMUM DISCHARGE WAS 1,160,000 CFS FROM MAR. 25 TO 27.
MINIMUM DISCHARGE WAS 103,000 CFS ON JAN. 3 AND 4.

MEMPHIS DISTRICT, CORPS OF ENGINEERS.

MISSISSIPPI RIVER AT MEMPHIS, TENN.--Continued

Computed daily discharge in thousand cubic feet per second for 1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	363	195	265	1,266	340	434	224	221	178	123	122	144
2	363	188	273	1,251	358	429	217	209	185	118	118	159
3	349	186	269	1,232	404	411	213	208	181	118	117	176
4	333	183	256	1,213	461	397	221	208	171	120	117	173
5	322	181	260	1,184	492	385	232	202	161	118	122	168
6	319	186	273	1,160	489	363	236	200	158	120	126	175
7	322	209	315	1,128	461	333	230	206	159	122	123	181
8	322	236	424	1,086	432	306	222	209	163	120	118	183
9	310	262	603	1,033	406	291	215	213	164	116	124	176
10	291	284	755	971	387	282	204	215	156	117	136	170
11	254	304	861	884	363	286	195	209	148	118	140	171
12	219	317	923	789	340	302	195	199	146	120	141	164
13	209	326	959	695	326	324	193	199	151	122	144	154
14	213	328	987	615	317	342	188	200	154	120	141	156
15	219	328	1,004	552	306	354	181	206	156	116	141	164
16	232	324	1,029	503	295	363	181	208	159	114	140	168
17	250	322	1,060	458	295	354	188	204	159	116	136	168
18	267	315	1,087	414	302	340	195	190	156	118	134	168
19	280	308	1,124	365	308	335	192	180	151	120	132	166
20	297	297	1,160	326	328	333	193	173	146	122	128	161
21	322	284	1,199	302	347	313	199	170	144	118	123	152
22	340	269	1,227	291	401	282	206	173	143	118	123	141
23	347	248	1,251	284	434	262	215	180	141	117	129	129
24	338	226	1,271	277	445	252	226	178	136	117	130	123
25	322	221	1,281	275	442	246	238	175	126	117	129	122
26	306	224	1,296	280	445	246	246	173	124	116	130	118
27	273	230	1,301	286	442	244	252	171	129	118	135	114
28	242	244	1,306	293	414	240	248	171	132	120	141	113
29	219		1,301	308	399	236	238	168	129	117	141	116
30	209		1,296	328	406	232	228	166	128	116	141	116
31	204		1,281		421		226	168		118		110
Mean	285.7	258.0	899.9	668.3	387.3	317.2	214.1	192.0	151.1	118.4	130.7	151.6
Max.	363	328	1,306	1,266	492	434	252	221	185	123	144	183
Min.	204	181	256	275	295	232	181	166	124	114	117	110

MISSISSIPPI RIVER AT MEMPHIS, TENN.--Continued

Computed daily discharge in thousand cubic feet per second for 1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	663	915	927	1,256	775	365	331	345	178	202	217	308
2	573	931	1,004	1,251	733	377	324	322	188	209	215	319
3	503	947	1,055	1,251	704	385	310	304	195	215	206	319
4	456	955	1,101	1,247	688	406	297	295	197	217	208	299
5	424	967	1,151	1,251	672	447	286	284	199	221	213	252
6	401	963	1,189	1,251	660	484	275	273	208	236	217	211
7	385	959	1,213	1,247	645	500	271	267	222	254	221	197
8	373	955	1,232	1,242	624	498	286	258	232	262	226	193
9	394	947	1,247	1,237	597	489	317	248	238	265	228	199
10	453	931	1,251	1,223	570	486	340	244	238	260	213	208
11	512	907	1,251	1,213	543	503	345	248	238	252	195	217
12	540	877	1,247	1,208	517	512	333	248	242	248	193	221
13	558	843	1,247	1,194	492	512	324	242	244	238	202	219
14	558	806	1,247	1,179	470	514	317	236	244	224	224	213
15	561	768	1,251	1,179	458	528	315	224	248	222	254	204
16	561	736	1,251	1,170	464	54?	315	217	262	232	275	188
17	579	704	1,261	1,170	470	546	313	209	277	236	297	173
18	600	675	1,266	1,175	464	552	315	199	273	236	322	159
19	606	657	1,271	1,175	453	552	326	192	258	234	342	149
20	594	645	1,276	1,170	440	540	342	190	248	240	354	148
21	573	639	1,281	1,165	419	517	373	188	248	256	354	156
22	561	639	1,266	1,156	392	481	392	183	250	258	345	168
23	558	639	1,247	1,151	375	442	377	178	244	242	331	180
24	564	636	1,227	1,137	365	416	356	176	228	226	315	186
25	600	639	1,223	1,124	354	401	349	175	215	222	308	200
26	654	691	1,227	1,096	345	382	342	171	208	224	304	217
27	714	768	1,227	1,047	335	368	335	171	202	224	304	238
28	765	847	1,227	983	341	358	340	175	200	224	304	260
29	806		1,232	903	333	352	356	176	199	221	302	284
30	847		1,242	819	345	338	363	181	200	217	302	317
31	884		1,256		354		358	176		208		347
Mean	574.8	806.6	1,213	1,162	496.4	459.7	329.8	225.6	227.4	233.1	266.4	224.2
Max.	884	967	1,281	1,256	775	552	392	345	277	265	354	347
Min.	373	636	927	819	331	338	271	171	178	202	193	148

MISSISSIPPI RIVER AT MEMPHIS, TENN.--Continued

Computed daily discharge in thousand cubic feet per second for 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	188	178	755	1,042	869	688	363	447	215	409	208	478
2	200	181	785	1,021	869	609	324	429	219	389	206	458
3	226	185	819	1,016	861	549	299	404	213	363	215	445
4	267	176	850	1,016	858	503	288	382	206	340	224	434
5	302	164	877	1,008	854	472	291	373	206	319	254	421
6	322	164	899	983	854	456	299	365	211	306	319	401
7	331	170	915	947	861	450	304	361	209	315	382	377
8	331	181	939	903	877	445	304	363	204	331	440	335
9	319	188	959	873	915	447	293	375	208	342	484	313
10	306	199	983	843	955	447	275	387	215	335	503	315
11	288	208	1,012	823	1,004	453	262	387	226	317	514	326
12	258	213	1,047	819	1,051	481	254	385	236	308	509	368
13	230	224	1,091	809	1,101	503	267	380	232	295	478	421
14	215	248	1,137	802	1,165	512	282	373	224	273	432	475
15	208	269	1,175	826	1,227	523	280	363	217	252	397	509
16	199	282	1,203	850	1,291	540	265	354	211	244	373	537
17	190	284	1,227	869	1,351	573	252	352	209	240	354	570
18	200	286	1,247	884	1,396	609	258	352	252	258	342	579
19	230	293	1,261	892	1,431	636	269	349	349	297	340	594
20	254	299	1,271	899	1,451	651	275	335	434	319	352	624
21	267	324	1,276	899	1,451	660	288	315	495	322	382	660
22	280	361	1,276	896	1,441	669	306	282	523	306	445	698
23	297	397	1,261	884	1,426	672	319	246	520	286	517	730
24	319	470	1,242	865	1,391	663	340	222	486	269	552	752
25	331	564	1,213	854	1,351	645	358	213	442	256	576	772
26	338	636	1,184	843	1,301	615	370	213	401	248	585	792
27	335	685	1,160	836	1,237	567	385	219	397	246	582	816
28	322	723	1,133	843	1,156	517	419	217	365	246	561	826
29	295		1,101	847	1,042	461	450	209	380	244	534	819
30	242		1,078	858	915	411	461	206	399	236	503	785
31	197		1,064		792		456	208		221		736
Mean	267	305	1,079	892	1,121	548	318	325	303	295	419	560
Max.	338	723	1,276	1,042	1,451	688	461	447	523	409	585	826
Min.	188	164	755	802	792	411	252	206	204	221	206	313

MISSISSIPPI RIVER AT MEMPHIS, TENN.--Continued

Computed daily discharge in thousand cubic feet per second for 1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	537	514	531	600	579	609	651	230	213	192	152	188
2	537	495	517	663	549	609	663	228	202	193	151	190
3	546	481	509	736	531	609	672	222	195	192	158	199
4	555	470	506	792	528	603	675	215	197	190	164	208
5	555	458	514	840	537	591	675	209	209	186	170	202
6	552	447	537	884	561	579	675	208	232	181	175	202
7	543	440	570	923	570	558	688	202	252	183	190	200
8	531	440	588	959	564	537	704	204	256	181	217	197
9	523	453	597	991	558	517	714	217	252	185	238	193
10	514	486	588	1,021	561	498	707	230	248	186	240	185
11	509	520	570	1,047	573	467	691	238	236	186	230	183
12	509	555	546	1,073	591	427	660	242	222	180	228	181
13	517	579	514	1,096	609	411	612	244	219	176	228	192
14	526	597	478	1,110	630	406	543	240	222	173	232	209
15	531	615	445	1,119	648	399	470	240	221	171	238	213
16	531	630	424	1,128	660	394	429	234	221	164	244	213
17	549	648	411	1,133	666	394	416	232	222	161	238	215
18	582	666	406	1,133	666	411	416	226	222	158	232	211
19	627	669	411	1,119	663	442	416	221	217	163	226	206
20	675	672	427	1,091	660	475	392	208	219	164	224	204
21	723	672	447	1,060	657	503	361	209	226	161	224	192
22	762	672	470	1,008	657	512	338	206	236	166	224	183
23	785	675	492	963	657	495	319	208	232	171	217	176
24	799	669	514	907	657	467	306	209	226	170	213	173
25	792	657	526	854	654	445	293	208	221	164	213	178
26	765	639	531	806	648	442	277	209	217	161	217	183
27	733	612	531	755	633	456	260	217	213	158	219	180
28	685	585	537	707	621	498	254	228	209	158	215	171
29	639	555	543	657	615	573	248	232	200	158	208	164
30	591		552	615	615	627	240	230	193	156	193	164
31	549		564		612		234	224		154		175
Mean	606	571	510	926	611	498	484	222	222	172	211	191
Max.	799	675	597	1,133	666	627	714	244	256	193	244	215
Min.	509	440	406	600	528	394	234	202	193	154	151	164

MISSISSIPPI RIVER AT MEMPHIS, TENN.--Continued

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	175	802	850	549	495	495	215	234	199	208	275	306
2	192	809	826	546	464	472	217	226	200	236	286	338
3	200	819	799	555	442	453	226	213	204	269	291	365
4	202	830	762	561	432	445	234	200	213	295	295	387
5	206	833	727	567	434	456	238	192	217	304	288	397
6	211	830	695	576	442	489	240	186	217	306	280	401
7	222	813	657	585	445	517	248	190	219	302	282	401
8	246	782	627	597	442	531	267	195	215	299	291	401
9	265	736	609	609	437	526	293	209	211	304	306	401
10	271	682	597	609	434	503	306	248	213	317	317	397
11	273	618	594	603	437	486	299	277	206	358	319	394
12	273	555	591	594	440	470	282	299	199	404	324	392
13	260	509	585	600	453	453	258	302	195	442	322	382
14	236	528	579	609	472	411	242	288	192	464	319	377
15	221	579	579	618	486	363	232	265	188	478	313	394
16	209	633	588	618	486	328	226	240	180	475	308	432
17	202	701	600	609	478	310	224	222	168	445	299	478
18	215	752	606	600	467	295	217	211	161	406	282	514
19	240	792	606	582	453	286	211	211	158	370	271	540
20	277	826	603	564	442	273	209	236	149	340	273	564
21	315	847	609	558	445	260	217	252	143	315	275	597
22	345	861	609	567	464	248	221	240	136	302	275	639
23	394	880	600	579	481	238	221	230	134	295	269	675
24	481	880	591	582	486	222	221	226	128	286	258	704
25	582	880	579	579	492	208	217	217	128	271	246	717
26	657	884	573	573	500	202	217	204	132	258	242	707
27	714	880	573	570	512	208	226	195	134	246	246	688
28	746	873	567	567	528	213	236	188	138	240	254	657
29	768		564	555	528	217	242	181	156	246	273	621
30	785		561	526	523	217	240	176	180	254	288	582
31	796		555		512		236	186		265		555
Mean	361	765	628	580	469	360	238	224	177	323	286	497
Max.	796	884	850	618	528	531	306	302	219	478	324	717
Min.	175	509	555	526	432	202	209	176	128	208	242	306

MISSISSIPPI RIVER AT MEMPHIS, TENN.--Continued

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	877	591	242	630	648	358	506	963	326	302	185	271
2	877	600	273	624	707	345	498	955	315	295	183	269
3	880	603	319	618	752	328	489	943	299	286	180	271
4	877	597	377	609	789	304	475	931	288	277	176	280
5	865	588	445	603	819	286	447	931	269	265	173	293
6	847	576	492	603	843	286	409	935	244	250	176	295
7	819	552	528	606	854	288	370	935	228	234	180	286
8	782	526	561	609	861	297	347	943	230	219	178	275
9	739	509	591	612	892	317	347	943	236	211	171	275
10	695	509	603	621	919	310	373	939	232	215	175	284
11	639	526	612	633	935	293	399	923	234	213	171	302
12	570	534	621	636	951	282	421	899	242	209	168	313
13	495	531	633	636	951	291	442	861	250	204	170	317
14	427	520	639	642	951	319	445	816	260	204	168	315
15	375	506	639	657	951	363	442	765	273	215	170	308
16	342	492	633	660	951	406	447	720	280	232	166	295
17	328	484	621	657	947	447	470	672	284	246	168	271
18	322	467	600	651	947	492	526	624	282	246	175	234
19	322	440	567	648	943	531	597	576	282	234	178	204
20	326	406	537	639	943	567	663	540	282	221	192	190
21	340	370	517	630	935	588	720	506	277	209	217	183
22	349	338	500	609	931	594	765	478	275	195	242	176
23	370	313	492	585	923	585	806	453	284	186	273	173
24	404	304	495	564	903	570	840	434	302	185	308	173
25	437	295	495	549	869	555	877	416	326	186	333	171
26	461	267	512	534	809	546	907	401	338	185	335	170
27	481	256	552	523	717	537	931	377	324	181	331	171
28	498	240	585	520	612	534	947	349	310	176	322	168
29	523		606	552	514	526	959	335	302	173	306	166
30	546		618	594	440	517	963	333	299	175	282	163
31	573		627		389		967	331		181		163
Mean	561	462	533	608	826	422	606	685	279	220	215	240
Max.	880	603	639	660	951	594	967	963	338	302	335	317
Min.	322	240	242	520	389	282	347	331	228	173	166	163

MISSISSIPPI RIVER AT MEMPHIS, TENN.

Gage.--Corps of Engineers inclined and staff type, near the foot of Beale Avenue (mile 732.7); zero, 183.91 feet, m.s.l. (1929 adj.). U.S. Weather Bureau-U. S. Geological Survey water-stage recorder, 50 feet downstream from Harahan Bridge (mile 731.5); zero, same as for Corps of Engineers gage.

Discharge range.--Three hundred and fifty feet upstream from Harahan Bridge. U. S. Geological Survey measurements are from downstream side of bridge.

Records available.--Discharge, 1882 intermittently to 1904, and 1931 to date (computed daily, 1933 to date); Apr. 1934 to date in reports of the Geological Survey. Gage (Beale Ave.), Nov. 10, 1871, to date.

Drainage area.--932,800 square miles.

Channel and control.--Fairly permanent sand and clay bottom; revetment on left bank. Stage-discharge relation is fairly permanent.

Extremes of discharge.--Maximum, 2,020,000 c.f.s. (observed) on Feb. 7, 1937, at a stage of 49.95 feet. Minimum, 78,000 c.f.s. (computed daily) on Aug. 25, 1936, at a stage of 0.0.

Remarks.--Records furnished by Memphis District, Corps of Engineers. Cooperating agency: U. S. Geological Survey. Daily discharges were derived by averaging independently determined daily flows computed by each agency.

Daily eight a.m. stage in feet for 1957 on Beale Avenue gage

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	11.8	20.6	22.0	12.2	25.4	30.8	15.4	9.6	-0.6	2.2	5.4	26.8
2	11.2	23.2	20.6	11.6	24.4	30.6	15.6	10.7	-.6	1.9	5.6	25.5
3	10.6	24.8	19.8	10.8	23.7	30.0	16.6	11.2	-.7	1.2	5.1	24.2
4	10.2	26.1	19.4	11.4	22.8	29.0	18.0	10.6	-.7	.8	4.2	22.7
5	9.8	26.8	19.1	11.8	21.8	27.4	19.8	9.2	-.6	.7	3.4	20.8
6	9.0	27.6	18.8	13.4	20.4	25.6	21.2	8.0	-.4	.8	2.7	18.5
7	8.2	28.4	18.1	17.2	19.3	23.8	22.0	7.2	-.2	.6	2.2	17.2
8	7.6	29.1	17.4	21.2	18.4	22.2	22.0	6.8	-.1	.3	2.9	15.6
9	7.4	29.8	16.6	24.0	17.6	20.8	21.6	6.6	-.2	.1	2.9	14.6
10	7.2	30.4	16.1	25.8	16.8	19.8	21.2	6.0	-.3	-.2	3.0	14.6
11	6.6	30.9	15.9	27.2	15.8	19.0	20.9	5.3	-.4	-.5	4.4	15.6
12	5.6	31.2	16.6	28.2	14.4	18.8	20.6	4.4	-.4	-.4	5.1	17.4
13	4.2	31.6	16.7	29.2	12.6	19.1	20.0	3.6	-.1	-.4	5.4	19.1
14	3.5	31.9	16.6	30.0	11.2	18.9	18.9	3.8	.1	-.6	6.2	20.7
15	4.2	32.1	16.0	30.3	10.8	17.9	17.8	5.0	.3	-.8	6.2	21.6
16	5.0	*32.4	15.2	30.5	10.6	17.0	16.6	4.8	.6	-.7	8.4	22.1
17	6.0	32.35	14.6	30.6	10.2	16.6	15.5	4.0	1.2	-.5	12.3	22.2
18	7.4	32.2	14.4	30.6	9.9	16.9	14.8	3.3	1.2	-.6	15.5	21.8
19	9.0	32.0	14.1	30.7	9.9	18.2	14.4	2.6	1.4	-.3	18.0	21.8
20	10.1	31.8	13.6	30.8	10.4	19.2	13.8	2.1	2.0	-.1	19.7	22.0
21	10.6	31.4	13.1	30.8	11.8	19.3	13.2	1.8	2.3	-.1	22.2	22.1
22	10.4	30.8	12.4	31.0	14.6	18.8	12.2	1.7	2.2	-.3	24.3	22.2
23	10.2	30.4	11.5	31.0	17.8	18.2	11.5	1.8	2.6	-.2	25.7	23.0
24	9.0	29.8	10.8	30.9	20.7	17.3	10.7	1.7	2.4	.8	26.9	24.0
25	8.6	29.2	10.3	30.8	23.7	16.7	10.0	1.6	2.0	.7	27.8	25.0
26	9.4	28.2	10.1	30.4	26.6	16.5	9.8	1.2	1.8	1.0	28.4	25.9
27	11.2	26.4	9.8	29.9	28.4	16.4	9.9	.8	1.6	1.4	28.7	26.7
28	13.6	24.1	10.2	29.2	29.5	16.4	9.9	.6	1.8	1.8	28.7	27.3
29	15.2		11.0	28.0	30.3	16.1	9.4	.4	1.8	2.8	28.4	27.6
30	16.2		11.7	26.8	30.7	15.6	9.4	0	2.0	4.1	27.8	27.7
31	17.7		12.2		30.8		9.5	-.4		4.9		27.7

* 4:00 p.m.

MISSISSIPPI RIVER AT MEMPHIS, TENN.--Continued

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	159	181	1,004	723	570	365	387	297	193	152	140	164
2	156	286	995	666	526	352	382	295	185	144	140	164
3	149	416	983	606	498	354	370	293	185	146	136	163
4	144	540	971	558	486	373	363	291	186	154	136	156
5	144	645	951	520	489	406	354	295	195	159	141	149
6	144	720	931	514	492	442	345	306	208	158	146	148
7	138	775	911	520	489	475	335	324	215	154	148	146
8	132	816	888	543	481	495	328	335	213	149	154	140
9	132	850	861	591	481	500	326	338	208	151	158	135
10	129	880	840	648	492	498	326	322	200	151	152	132
11	128	896	819	701	509	489	322	299	199	152	148	143
12	129	896	806	727	526	478	317	286	199	152	138	164
13	130	884	789	746	537	461	313	282	199	152	129	186
14	126	869	782	759	540	442	315	282	197	151	129	202
15	123	854	765	762	537	419	317	291	193	144	135	224
16	122	840	762	759	523	389	315	313	192	141	138	258
17	120	826	765	759	503	363	304	335	186	140	134	308
18	117	830	779	762	484	340	288	354	183	138	129	365
19	117	830	796	768	472	308	273	363	186	134	129	401
20	114	854	816	779	461	262	265	368	195	128	135	416
21	111	892	826	779	447	228	267	356	206	124	140	424
22	106	923	843	772	434	224	280	331	211	122	136	432
23	103	943	850	755	432	236	297	304	211	117	144	440
24	100	963	861	733	434	256	310	284	204	114	152	442
25	101	983	854	714	437	277	308	262	186	117	161	445
26	106	991	847	701	437	310	304	244	173	126	170	450
27	111	1,000	836	688	427	335	297	240	171	132	166	453
28	118	1,008	830	669	416	349	295	234	166	132	166	447
29	129	1,012	813	645	404	365	293	226	159	130	168	437
30	154		796	612	392	382	291	217	156	132	168	421
31	154		765		380		293	208		138		409
Mean	127	807	850	683	475	372	315	296	192	140	146	289
Max.	159	1,012	1,004	779	570	500	387	368	215	159	170	453
Min.	100	181	762	514	380	224	265	208	156	114	129	132

MISSISSIPPI RIVER AT MEMPHIS, TENN.--Continued

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	333	256	850	1,237	660	335	273	236	141	138	148	295
2	370	238	854	1,242	651	358	282	234	141	135	161	291
3	401	219	850	1,232	642	385	286	226	138	151	173	280
4	419	211	850	1,213	633	397	282	215	148	168	175	260
5	424	219	850	1,184	618	394	273	204	156	175	185	236
6	434	234	865	1,165	597	375	256	190	164	185	199	215
7	458	252	877	1,119	573	354	244	180	166	192	211	208
8	481	273	880	1,042	546	338	236	175	164	183	215	222
9	503	299	880	959	512	328	230	170	156	183	202	244
10	528	349	884	873	475	324	228	170	148	219	193	256
11	564	416	896	802	434	326	236	175	143	273	186	258
12	588	478	907	746	392	333	252	183	138	308	186	258
13	594	520	927	711	347	345	275	192	134	313	186	252
14	582	552	939	675	304	361	291	193	126	293	186	242
15	561	570	951	657	291	380	297	200	126	269	185	238
16	537	582	967	651	304	394	304	208	124	250	181	222
17	514	579	975	645	326	401	306	208	123	234	171	200
18	492	570	987	639	358	401	304	202	120	221	164	188
19	472	555	1,000	627	392	401	295	202	117	206	181	185
20	447	540	1,008	612	411	397	295	197	116	202	206	185
21	427	520	1,038	609	416	385	295	188	114	206	222	181
22	399	498	1,060	603	406	365	293	180	114	202	240	170
23	377	489	1,082	606	397	338	293	175	116	190	260	156
24	356	537	1,114	612	387	315	291	171	117	180	280	143
25	338	648	1,137	612	380	299	277	175	118	168	291	140
26	310	746	1,160	618	368	291	260	176	129	159	293	134
27	284	799	1,179	630	361	286	252	175	132	159	293	123
28	273	833	1,194	645	347	280	244	173	135	158	295	118
29	273		1,213	660	335	273	244	166	138	151	297	124
30	271		1,227	663	326	269	242	158	140	143	297	138
31	265		1,232		328		240	148		141		152
Mean	428	464	995	810	436	348	270	189	135	199	215	204
Max.	594	833	1,232	1,242	660	401	306	236	166	313	297	295
Min.	265	211	850	603	291	269	228	148	114	135	148	118

MISSISSIPPI RIVER AT MEMPHIS, TENN.--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	144	603	295	349	498	282	331	248	232	173	401	181
2	143	582	282	349	489	262	333	200	262	170	361	178
3	148	549	291	349	486	256	328	171	273	163	315	183
4	143	498	308	349	475	254	322	158	269	161	286	195
5	134	434	328	342	470	271	315	158	250	166	280	204
6	132	370	340	342	464	304	317	164	228	171	277	206
7	132	319	342	345	461	335	322	163	217	170	267	208
8	135	277	340	354	464	361	326	164	209	168	254	221
9	135	246	338	368	484	387	326	178	204	178	242	242
10	141	224	342	382	506	406	315	192	197	192	236	254
11	143	206	358	394	523	414	302	200	186	206	234	250
12	140	195	377	401	526	409	291	206	171	221	222	242
13	135	186	399	392	520	399	273	209	154	228	209	236
14	140	175	409	373	509	382	260	215	144	228	202	226
15	161	164	409	358	498	365	256	211	138	228	199	222
16	183	171	394	349	489	354	256	199	136	248	193	226
17	185	176	373	340	484	345	252	193	134	271	186	230
18	199	176	347	340	486	338	252	193	130	295	178	228
19	236	190	322	349	481	331	248	188	130	315	175	226
20	304	215	299	365	475	326	244	185	134	324	171	224
21	373	232	288	392	464	331	244	190	138	326	164	226
22	416	256	288	416	450	338	244	193	148	328	156	232
23	450	280	297	440	440	347	246	199	175	335	151	242
24	486	299	304	447	427	347	256	202	206	340	154	252
25	523	315	310	456	411	345	262	206	228	365	158	250
26	561	322	308	475	389	335	269	209	234	397	159	252
27	600	317	304	500	370	319	273	211	221	432	164	260
28	618	313	310	514	354	306	277	202	206	453	173	269
29	627		322	517	340	304	282	190	193	458	185	282
30	627		335	509	322	315	286	188	180	447	188	291
31	621		347		304		280	202		427		306
Mean	294	296	332	395	454	336	283	193	191	277	218	234
Max.	627	603	409	517	526	414	333	248	273	458	401	306
Min.	132	164	282	340	304	254	244	158	130	161	151	178

MISSISSIPPI RIVER AT MEMPHIS, TENN.--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	190	464	663	666	588	651	319	240	192	138	116	114
2	185	470	663	651	585	624	324	236	192	136	117	117
3	190	472	654	645	594	591	326	232	190	132	117	120
4	193	472	645	657	612	555	333	234	186	128	116	120
5	199	464	639	679	621	517	340	236	180	126	114	120
6	206	453	669	714	612	484	347	236	171	123	114	129
7	208	437	711	733	606	453	349	232	166	120	114	130
8	213	427	746	739	612	432	354	232	164	122	114	132
9	219	419	772	733	609	416	361	236	166	124	114	135
10	226	411	789	717	597	406	368	240	164	124	114	136
11	246	424	792	691	597	401	370	244	161	123	114	135
12	260	424	785	666	600	404	375	248	154	122	111	140
13	280	411	772	645	603	401	377	260	148	122	114	151
14	315	419	752	621	615	401	368	269	141	120	114	161
15	361	450	727	603	621	401	354	269	138	117	114	154
16	404	495	701	588	627	397	340	269	136	114	114	152
17	440	531	685	573	654	394	322	269	138	114	113	161
18	458	549	688	564	679	406	302	265	140	117	111	170
19	461	555	682	552	714	419	286	256	144	120	108	164
20	442	552	679	552	752	416	273	252	143	120	108	161
21	419	546	682	552	792	409	273	250	138	120	108	163
22	406	528	695	558	823	404	286	244	135	118	111	163
23	409	517	707	561	840	397	275	234	135	117	113	159
24	419	526	714	564	843	387	271	224	140	117	111	159
25	432	549	720	567	830	370	273	215	140	114	114	161
26	447	591	733	564	802	349	275	209	140	111	120	158
27	458	630	743	564	765	328	277	204	140	111	120	151
28	467	657	739	570	730	310	271	200	140	111	117	148
29	470		727	585	707	306	262	202	140	111	116	148
30	461		704	597	688	313	252	202	138	111	114	149
31	461		682		672		248	197		113		148
Mean	340	494	712	622	677	425	315	237	153	120	114	145
Max.	470	657	792	739	843	651	377	269	192	138	120	170
Min.	185	411	639	552	585	306	248	197	135	111	108	114

MISSISSIPPI RIVER AT MEMPHIS, TENN.--Continued

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	858	865	610	1,323	943	604	472	246	223	141	122	178
2	873	896	571	1,313	947	598	447	239	211	140	125	180
3	892	927	541	1,292	947	583	417	235	199	140	122	178
4	908	963	515	1,272	955	562	393	231	196	138	119	178
5	912	992	492	1,252	963	538	388	227	203	138	117	180
6	912	1,026	498	1,227	971	521	390	225	205	135	116	180
7	904	1,053	529	1,197	979	509	388	227	205	135	116	192
8	892	1,080	571	1,177	984	500	377	231	205	138	114	201
9	888	1,103	604	1,157	975	492	364	235	207	138	117	211
10	888	1,127	623	1,132	963	470	347	233	207	133	119	217
11	888	1,147	642	1,108	927	431	328	233	203	130	125	215
12	892	1,162	664	1,075	869	372	316	239	199	127	127	215
13	900	1,167	730	1,048	803	342	311	262	190	125	131	227
14	912	1,167	810	1,013	737	347	309	284	178	127	140	248
15	931	1,152	892	979	684	357	304	286	169	130	140	266
16	947	1,137	955	959	642	357	302	280	168	131	136	271
17	951	1,118	1,009	947	614	344	309	269	168	140	135	269
18	951	1,099	1,053	943	589	340	313	264	171	140	136	269
19	927	1,075	1,089	939	574	342	318	262	177	140	138	271
20	892	1,057	1,118	939	562	350	320	264	177	136	135	277
21	839	1,026	1,132	939	559	354	313	275	171	133	133	284
22	785	988	1,152	935	559	357	304	280	171	131	136	293
23	730	939	1,162	931	562	360	297	275	175	131	146	291
24	687	892	1,172	927	562	357	295	269	168	133	153	264
25	671	843	1,182	927	556	362	297	264	159	131	159	235
26	687	788	1,202	931	547	375	293	271	160	128	169	215
27	720	737	1,227	935	541	388	282	284	160	128	182	203
28	750	690	1,257	939	541	423	269	293	155	125	190	201
29	778	651	1,282	943	553	461	260	288	150	120	186	205
30	806		1,302	943	574	481	254	273	145	117	182	207
31	836		1,318		592		250	246		119		203
Mean	852	995	900	1,055	735	429	330	258	182	132	139	227
Max.	951	1,167	1,318	1,323	984	604	472	293	223	141	190	293
Min.	671	651	492	927	541	340	250	225	145	117	114	178

MISSISSIPPI RIVER AT MEMPHIS, TENN.--Continued

Computed daily discharge in thousand cubic feet per second for 1951

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	271	760	1,187	912	1,071	461	677	881	390	362	352	658
2	262	726	1,212	939	1,039	458	700	836	414	342	347	655
3	286	690	1,212	971	1,000	458	733	781	428	328	335	648
4	309	680	1,212	1,009	951	456	764	713	436	323	330	648
5	323	687	1,197	1,039	908	450	781	629	423	316	325	639
6	367	707	1,182	1,071	869	447	795	541	396	309	330	635
7	436	740	1,172	1,099	843	444	810	458	372	300	337	648
8	509	767	1,162	1,108	832	439	828	396	360	286	337	661
9	580	795	1,152	1,113	836	458	839	354	357	273	332	680
10	635	832	1,137	1,099	839	492	850	328	367	271	330	690
11	677	862	1,127	1,085	850	532	858	311	380	273	332	720
12	694	884	1,113	1,066	858	550	862	306	393	284	337	750
13	710	900	1,089	1,053	858	562	869	302	417	295	344	774
14	750	904	1,066	1,039	847	571	873	302	425	306	352	803
15	788	900	1,048	1,031	821	580	869	306	433	306	364	828
16	839	896	1,026	1,026	795	592	869	316	447	297	396	839
17	892	884	1,009	1,022	767	598	873	320	458	288	450	858
18	931	881	1,005	1,022	750	595	881	316	464	282	518	877
19	947	884	988	1,031	733	592	888	304	464	275	580	884
20	963	888	971	1,031	720	586	900	295	467	269	620	881
21	967	900	967	1,039	700	580	908	295	470	262	632	873
22	959	923	971	1,053	674	580	915	304	470	254	635	858
23	947	967	979	1,057	655	589	919	325	464	243	623	847
24	931	1,009	988	1,066	629	595	923	344	456	239	614	832
25	912	1,048	975	1,071	604	592	927	362	444	250	598	821
26	892	1,099	955	1,085	574	592	923	362	423	269	592	813
27	877	1,142	939	1,094	550	604	923	344	414	297	595	806
28	869	1,177	923	1,099	529	620	927	328	414	320	610	806
29	854		908	1,099	509	635	927	320	401	332	632	813
30	828		900	1,089	492	655	923	335	383	337	651	824
31	795		900		475		912	364		344		839
Mean	710	876	1,054	1,051	761	545	860	409	421	295	461	771
Max.	967	1,177	1,212	1,113	1,071	655	927	881	470	362	651	884
Min.	262	680	900	912	475	439	677	295	357	239	325	635

MISSISSIPPI RIVER AT MEMPHIS, TENN.--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	655	1,511	1,470	813	553	567	767	529	288	456	205	583
2	645	1,520	1,428	806	598	562	717	526	309	456	201	562
3	635	1,521	1,362	806	651	580	655	526	377	439	197	544
4	623	1,514	1,310	817	700	598	592	526	450	409	192	518
5	651	1,502	1,257	843	737	620	544	521	492	354	190	498
6	726	1,487	1,202	877	771	642	503	509	524	293	184	495
7	836	1,471	1,142	912	803	664	464	486	553	258	192	503
8	927	1,455	1,085	947	821	690	425	458	562	250	207	538
9	988	1,436	1,017	971	828	710	388	417	556	250	229	595
10	1,048	1,415	939	996	832	720	372	370	544	254	241	655
11	1,096	1,401	865	1,017	839	713	370	332	541	269	262	700
12	1,140	1,397	806	1,039	847	694	367	304	547	288	288	733
13	1,184	1,407	774	1,062	862	674	370	291	541	297	316	757
14	1,228	1,429	747	1,080	877	651	377	286	518	295	352	774
15	1,277	1,454	750	1,089	892	629	377	291	489	291	383	788
16	1,327	1,480	781	1,085	908	617	372	297	458	286	404	799
17	1,378	1,506	813	1,075	923	607	352	311	423	277	412	806
18	1,427	1,528	847	1,057	935	592	337	335	393	262	409	813
19	1,472	1,532	877	1,026	931	571	360	354	372	260	398	821
20	1,506	1,532	908	979	915	553	396	383	360	264	388	824
21	1,534	1,530	935	915	888	547	423	417	340	262	364	824
22	1,558	1,526	959	839	850	550	428	428	306	258	350	813
23	1,566	1,522	971	754	810	556	447	414	286	243	364	788
24	1,567	1,510	967	674	778	577	495	393	286	225	406	747
25	1,559	1,496	939	601	754	623	538	367	295	219	464	680
26	1,542	1,488	888	550	733	680	574	350	309	223	521	604
27	1,527	1,482	847	524	707	737	589	323	335	223	562	518
28	1,513	1,480	806	512	674	778	589	304	372	219	583	439
29	1,501		792	512	639	803	580	286	409	209	592	372
30	1,495		803	524	604	795	562	273	442	207	589	323
31	1,501		813		577		544	277		209		288
Mean	1,214	1,483	971	857	782	643	480	383	423	281	348	636
Max.	1,567	1,532	1,470	1,089	935	803	767	529	562	456	592	824
Min.	623	1,397	747	512	553	547	337	273	286	207	184	288

MISSISSIPPI RIVER AT MEMPHIS, TENN.--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	728	1,181	1,126	975	481	404	453	309	190	184	325	190
2	696	1,220	1,135	1,005	470	406	484	275	201	177	304	199
3	654	1,251	1,136	1,031	464	404	498	260	207	171	300	211
4	619	1,270	1,127	1,053	464	398	492	256	207	164	313	229
5	589	1,266	1,111	1,066	472	388	481	256	205	166	325	231
6	578	1,254	1,086	1,075	489	367	464	258	205	178	325	225
7	609	1,238	1,051	1,075	498	344	444	256	203	192	323	225
8	671	1,218	1,011	1,057	500	352	409	250	205	219	325	225
9	735	1,196	968	1,031	489	383	372	243	201	250	328	227
10	789	1,174	920	992	470	404	342	241	194	266	325	229
11	833	1,150	869	947	450	406	320	239	190	277	318	229
12	874	1,128	828	900	439	396	309	231	188	282	302	233
13	904	1,106	813	854	436	375	320	215	186	273	266	241
14	929	1,084	817	792	425	362	350	205	186	266	233	277
15	946	1,062	828	743	409	360	388	203	188	275	225	354
16	968	1,044	832	710	390	357	417	207	209	286	223	444
17	991	1,026	836	697	375	370	442	221	248	293	219	515
18	1,005	1,013	839	697	357	412	461	237	282	293	207	565
19	1,014	1,006	832	694	335	481	475	246	304	288	199	598
20	1,010	1,006	824	684	318	550	489	256	311	286	197	629
21	1,005	1,012	817	677	309	604	498	262	306	282	196	648
22	1,005	1,023	813	674	304	635	498	273	295	284	192	667
23	991	1,037	799	671	302	632	498	266	282	277	192	671
24	977	1,052	788	667	304	607	498	260	266	280	194	677
25	968	1,068	778	651	311	568	492	258	252	311	192	687
26	982	1,083	774	623	323	518	472	258	231	367	190	703
27	1,023	1,099	781	586	340	472	447	248	211	406	188	720
28	1,065	1,113	806	553	360	442	423	225	199	414	186	720
29	1,088		850	524	385	425	398	205	192	398	186	707
30	1,112		896	500	398	428	375	192	188	377	188	687
31	1,141		939		401		347	184		352		671
Mean	887	1,121	904	807	402	442	431	242	224	275	250	446
Max.	1,141	1,270	1,136	1,075	500	635	498	309	311	414	328	720
Min.	578	1,006	774	500	302	344	309	184	186	164	186	190

MISSISSIPPI RIVER AT MEMPHIS, TENN.--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	196	205	1,113	1,125	1,066	318	504	582	173	159	143	426
2	194	194	1,095	1,165	1,055	291	498	568	175	150	145	452
3	199	182	1,060	1,202	1,035	273	482	539	175	138	141	488
4	256	180	1,042	1,233	987	262	467	491	171	133	141	520
5	333	186	1,036	1,258	875	256	464	435	171	131	155	545
6	396	196	1,047	1,280	752	252	461	399	168	138	173	575
7	426	203	1,060	1,298	644	252	449	388	168	148	188	609
8	443	211	1,080	1,309	562	248	426	377	169	148	225	636
9	452	231	1,097	1,304	510	239	407	362	168	145	275	646
10	455	264	1,098	1,280	498	231	393	350	168	140	311	640
11	452	297	1,085	1,242	513	227	375	342	169	138	323	612
12	449	335	1,057	1,198	520	231	352	330	173	136	330	575
13	443	377	1,037	1,171	536	239	332	320	168	135	332	526
14	426	421	1,005	1,153	555	243	313	311	155	143	332	479
15	409	495	942	1,145	575	243	295	300	153	153	318	438
16	393	589	862	1,132	582	239	277	286	157	153	300	412
17	372	699	754	1,124	592	243	262	264	157	146	284	388
18	347	805	671	1,120	609	254	256	250	155	136	280	383
19	328	891	640	1,118	623	264	273	248	148	135	286	421
20	316	946	646	1,117	619	264	291	243	141	141	277	482
21	311	982	682	1,117	602	262	302	237	138	152	286	555
22	311	1,014	730	1,116	582	264	313	229	136	159	328	619
23	306	1,037	780	1,117	552	277	328	219	138	160	370	668
24	288	1,060	830	1,114	523	295	347	213	141	152	396	696
25	250	1,083	877	1,110	491	316	367	211	152	146	404	713
26	209	1,112	922	1,103	464	340	385	209	160	148	399	713
27	188	1,125	960	1,096	438	383	415	205	159	148	388	713
28	177	1,140	993	1,088	415	426	443	203	162	146	388	728
29	182	1,130	1,020	1,080	393	464	482	194	164	143	393	750
30	194		1,051	1,073	370	494	532	182	166	141	409	758
31	205		1,085		347		572	175		141		750
Mean	320	607	947	1,166	609	286	389	312	160	145	291	578
Max.	455	1,140	1,113	1,309	1,066	494	572	582	175	160	409	758
Min.	177	180	640	1,073	347	227	256	175	136	131	141	383

MISSISSIPPI RIVER AT MEMPHIS, TENN.--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	306	920	291	501	1,064	841	933	316	246	184	188	223
2	350	904	277	516	1,064	845	929	311	231	180	186	227
3	388	878	271	539	1,071	841	929	306	213	171	188	227
4	438	858	266	565	1,084	845	933	302	203	162	188	221
5	516	829	264	595	1,089	854	937	293	201	157	201	203
6	589	801	269	626	1,086	866	955	286	203	148	207	184
7	650	785	266	643	1,073	870	973	280	205	145	205	173
8	696	758	269	657	1,057	874	977	273	203	148	205	164
9	739	728	277	688	1,035	883	968	269	196	150	211	162
10	766	692	297	735	1,010	883	964	264	194	148	219	188
11	773	654	318	801	983	883	955	262	207	152	227	227
12	758	609	337	854	953	883	946	260	223	152	225	260
13	724	565	354	899	912	883	929	260	235	148	223	288
14	678	516	375	931	867	891	912	260	239	141	223	302
15	636	467	390	967	812	908	891	250	227	140	225	304
16	585	426	399	1,003	757	937	862	231	205	148	219	293
17	542	383	409	1,036	703	959	817	221	192	157	219	273
18	523	330	423	1,062	658	977	770	223	194	153	225	269
19	529	291	467	1,082	620	1,000	710	229	197	146	237	271
20	572	288	516	1,098	591	1,023	640	223	196	138	246	273
21	629	300	542	1,112	578	1,037	585	219	197	133	246	273
22	688	306	555	1,121	573	1,056	542	227	199	135	241	264
23	746	316	572	1,127	579	1,056	510	229	192	140	237	256
24	805	337	585	1,127	609	1,046	479	229	180	150	229	252
25	841	354	578	1,123	657	1,028	452	227	178	155	227	252
26	862	357	562	1,107	699	1,005	426	227	184	152	229	246
27	878	340	545	1,088	735	987	399	225	199	152	227	227
28	895	311	526	1,076	770	973	377	227	211	152	223	201
29	908		504	1,070	805	955	350	233	203	162	221	182
30	920		491	1,065	825	942	325	241	192	180	221	178
31	925		491		837		318	248		188		184
Mean	673	546	409	894	844	934	732	253	205	154	219	234
Max.	925	920	585	1,127	1,089	1,056	977	316	246	188	246	304
Min.	306	288	264	501	573	841	318	219	178	133	186	162

MISSISSIPPI RIVER AT MEMPHIS, TENN.--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	467	542	918	932	309	646	633	239	211	201	246	370
2	498	467	858	932	311	609	606	229	203	201	248	372
3	498	423	801	932	330	575	572	233	194	205	250	354
4	494	399	750	928	367	549	536	235	182	207	258	328
5	494	388	699	905	404	532	494	227	178	201	306	313
6	494	401	654	880	429	529	461	225	182	196	393	300
7	494	429	616	842	446	545	435	223	178	194	464	277
8	507	476	592	797	464	572	418	235	168	190	491	256
9	578	542	589	750	488	602	407	256	157	188	494	235
10	706	606	612	702	504	626	401	264	148	184	488	223
11	854	664	657	657	510	636	401	256	146	177	467	219
12	1,000	717	699	616	504	636	399	248	150	164	438	217
13	1,090	766	728	582	498	623	399	239	173	155	418	217
14	1,144	805	750	549	507	595	393	223	207	155	418	227
15	1,197	846	758	507	520	555	385	213	225	162	432	262
16	1,246	897	770	470	536	507	377	207	223	169	440	309
17	1,298	950	766	438	536	461	362	203	219	169	429	350
18	1,350	991	762	415	532	429	352	217	221	166	409	385
19	1,394	1,015	743	396	545	404	342	293	225	175	390	415
20	1,405	1,034	743	388	575	390	330	404	219	192	388	432
21	1,390	1,048	754	385	609	390	320	467	205	213	404	432
22	1,370	1,063	770	385	654	407	311	476	197	235	401	421
23	1,346	1,073	781	383	685	443	311	467	194	248	383	399
24	1,317	1,078	797	377	702	498	328	455	190	256	367	362
25	1,284	1,073	825	364	717	552	344	426	190	273	354	318
26	1,239	1,053	863	350	710	599	350	383	196	280	344	291
27	1,164	1,019	880	335	713	636	337	337	197	284	330	275
28	1,068	973	892	318	717	660	313	304	201	284	320	273
29	936		910	306	706	660	286	273	201	269	332	284
30	785		918	304	692	650	262	243	197	252	354	284
31	654		932		674		248	223		243		286
Mean	960	776	767	571	545	551	391	288	193	209	382	312
Max.	1,405	1,078	932	932	717	660	633	476	225	284	494	432
Min.	467	388	589	304	309	390	248	203	146	155	246	217

MISSISSIPPI RIVER AT MEMPHIS, TENN.--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	399	291	986	1,408	1,012	936	968	280	219	473	237	536
2	461	260	1,015	1,406	990	905	923	277	203	510	235	513
3	529	237	1,036	1,406	968	867	854	282	186	549	237	485
4	599	229	1,062	1,408	941	813	773	286	173	582	221	458
5	657	225	1,096	1,412	915	770	710	293	166	592	207	426
6	699	217	1,102	1,418	890	728	668	302	166	585	207	399
7	739	209	1,130	1,422	860	692	640	302	173	575	215	380
8	762	203	1,158	1,424	817	650	623	295	177	565	219	372
9	770	196	1,209	1,418	773	626	602	295	177	542	227	385
10	766	194	1,262	1,402	732	626	568	302	173	507	243	409
11	762	199	1,302	1,377	699	650	523	304	169	467	256	432
12	750	207	1,332	1,345	685	696	485	286	173	435	269	440
13	735	217	1,360	1,300	696	743	461	275	186	412	286	438
14	717	223	1,390	1,222	710	781	446	282	194	399	293	438
15	692	237	1,404	1,182	720	813	426	288	196	383	295	440
16	664	271	1,409	1,152	717	846	404	291	196	367	311	435
17	629	316	1,406	1,132	710	880	385	291	203	347	330	415
18	592	362	1,400	1,117	710	910	370	291	209	320	347	426
19	555	404	1,399	1,106	732	928	357	284	211	284	370	446
20	526	479	1,410	1,100	754	946	347	277	215	250	375	449
21	501	572	1,424	1,094	781	959	344	277	219	235	377	435
22	482	654	1,438	1,091	813	968	342	280	215	229	377	409
23	467	720	1,444	1,088	842	973	335	275	215	221	380	375
24	461	781	1,446	1,084	871	977	318	264	219	223	393	340
25	455	825	1,444	1,080	897	987	304	254	225	229	423	302
26	440	871	1,439	1,075	923	991	300	241	239	233	464	273
27	423	910	1,432	1,068	946	991	302	239	282	229	498	273
28	399	950	1,428	1,061	959	991	306	243	337	225	516	291
29	367		1,421	1,050	968	991	309	243	383	227	532	320
30	342		1,416	1,034	968	982	302	233	421	237	542	362
31	316		1,411		959		291	223		241		418
Mean	570	409	1,310	1,229	837	854	483	276	217	376	329	404
Max.	770	950	1,446	1,424	1,012	991	968	304	421	592	542	536
Min.	315	194	986	1,034	685	626	291	223	166	221	207	273

MISSISSIPPI RIVER AT MEMPHIS, TENN.—*Continued*

Computed daily discharge in thousand cubic feet per second for 1944

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	169	166	624	968	1,259	588	545	252	231	192	168	197
2	171	171	682	984	1,269	600	550	244	253	196	153	205
3	174	175	743	1,000	1,277	617	553	245	290	203	152	209
4	180	185	798	1,020	1,282	638	546	249	332	225	152	209
5	188	197	830	1,034	1,284	655	529	252	365	252	150	209
6	195	205	855	1,045	1,276	660	512	243	367	269	150	215
7	214	206	875	1,052	1,268	654	494	225	342	277	150	221
8	245	209	888	1,058	1,259	642	482	207	323	284	153	211
9	266	222	905	1,060	1,252	624	475	199	313	286	157	203
10	274	202	914	1,048	1,252	597	466	196	291	291	160	199
11	275	186	922	1,017	1,246	562	454	203	271	291	168	199
12	275	185	923	964	1,240	534	445	207	248	284	180	215
13	280	201	921	910	1,230	509	437	213	224	271	184	250
14	285	239	915	878	1,207	490	426	221	216	258	184	277
15	286	269	904	885	1,185	471	412	217	213	246	180	286
16	266	277	894	915	1,158	454	400	207	199	231	177	282
17	220	280	876	950	1,123	451	388	196	186	215	173	266
18	186	282	852	996	1,083	455	364	192	177	209	166	252
19	177	269	824	1,034	1,039	460	345	186	166	205	164	239
20	178	279	798	1,068	975	464	333	186	157	192	160	225
21	181	305	783	1,103	901	464	321	192	153	178	162	201
22	183	353	793	1,136	814	466	309	201	153	168	173	186
23	181	401	827	1,168	730	472	301	201	150	157	177	186
24	181	432	866	1,190	657	467	295	199	145	152	180	192
25	183	462	899	1,203	605	463	286	197	145	164	188	207
26	185	489	924	1,215	581	474	282	207	150	175	196	219
27	183	522	945	1,230	569	493	284	213	157	180	199	225
28	179	558	954	1,238	560	509	280	207	164	188	205	239
29	172	592	959	1,246	560	522	274	201	173	197	207	256
30	167		954	1,252	567	534	268	208	181	197	199	280
31	165		958		577		262	220		186		323
Mean	209	294	865	1,062	1,001	533	397	212	225	220	172	228
Max.	286	592	959	1,252	1,284	660	553	252	367	291	207	323
Min.	165	166	624	878	560	451	262	186	145	152	150	186

MISSISSIPPI RIVER AT MEMPHIS, TENN.

Discharge ranges.—Low water, 350 feet above Harahan Bridge (731.5 miles above Head of Passes) at Memphis. High water, ½ mile above Harahan Bridge. The U. S. Geological Survey discharge range is located on downstream side of Harahan Bridge.

Drainage area.—932,800 square miles.

Records available.—Discharge, 1882 intermittently to 1904, and since 1931. (Computed daily, since 1933). Gage, since 1871.

Gages.—U. S. Engineer gage (Mile 732.7), 1.4 miles above Harahan Bridge at Memphis; zero, 184.21 feet, m. g. l., or 183.91 feet, m. s. l. (1929 adj.). U. S. Weather Bureau-U. S. Geological Survey water-stage recorder, 50 feet downstream from Harahan Bridge; zero, same as that of U. S. Engineer gage.

Channel and control.—Sand and clay bottom fairly permanent; revetment on left bank. Stage-discharge relation fairly permanent, but has changed because of recent construction and development of cut-offs.

Extremes of discharge.—Maximum, 2,020,000 c. f. s. (observed) on Feb. 7, 1937, at a stage of 49.95 feet. Minimum, 78,000 c. f. s. (computed daily) on Aug. 25, 1936, at a stage of 0.0; discharge not determined for minimum stage of —2.65 feet on Nov. 6-9, 1895.

Accuracy.—Daily flows, good.

Remarks.—Records furnished by U. S. Engineer Office, Memphis, Tenn., Feb. 1945. A total of 118 discharge measurements were made, 107 by U. S. Engineer Department and 11 by U. S. Geological Survey. Daily discharges were derived by comparing and adjusting independently determined daily flows computed by each agency.

Computed daily discharge in thousand cubic feet per second

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	760	440	403	1,191	902	1,330	770	337	207	161	160	163
2	840	439	392	1,205	909	1,360	775	343	211	156	155	156
3	910	440	390	1,210	912	1,380	775	355	215	151	157	152
4	968	448	393	1,210	909	1,384	770	365	215	149	161	149
5	1,013	463	404	1,205	895	1,380	755	372	210	144	163	147
6	1,045	491	418	1,190	856	1,364	725	376	205	143	167	145
7	1,075	529	423	1,160	800	1,323	690	377	202	143	168	146
8	1,095	572	418	1,120	730	1,265	651	376	202	141	162	148
9	1,110	623	409	1,054	666	1,200	615	371	208	141	164	149
10	1,116	670	398	955	602	1,142	589	365	207	143	174	147
11	1,118	708	388	873	558	1,070	570	369	204	143	177	145
12	1,118	740	383	783	551	1,000	563	381	201	142	179	143
13	1,115	760	391	692	623	970	559	400	197	140	189	144
14	1,110	767	425	630	678	949	558	402	195	139	197	145
15	1,100	766	480	592	718	907	556	386	198	139	207	150
16	1,090	760	542	573	753	886	549	336	209	138	215	155
17	1,070	750	606	578	787	871	537	295	211	138	216	159
18	1,030	738	668	600	823	861	526	286	203	135	211	160
19	972	720	726	613	860	851	515	293	197	136	198	160
20	892	699	784	623	894	843	503	300	193	146	194	155
21	790	673	841	632	928	835	491	304	189	152	196	146
22	657	643	887	645	963	827	481	304	185	147	195	138
23	545	608	933	670	999	821	471	300	182	139	192	134
24	472	567	970	705	1,030	815	453	291	184	137	186	129
25	423	526	1,005	742	1,070	809	423	275	188	138	179	126
26	405	490	1,037	777	1,100	805	393	252	190	146	176	123
27	400	455	1,070	817	1,137	799	374	231	186	154	174	121
28	405	423	1,098	848	1,168	787	359	217	180	158	170	122
29	416		1,125	870	1,200	777	347	208	173	161	165	125
30	428		1,150	888	1,230	772	341	204	165	170	165	134
31	438		1,172		1,281		337	203		170		153
Mean	836	604	669	855	888	1,013	549	319	197	146	180	144
Max	1,118	767	1,172	1,210	1,281	1,384	775	402	215	170	216	163
Min	400	423	383	573	551	772	337	203	165	135	155	121

Daily discharge in second-feet, Mississippi River at Memphis, Tennessee, for the year ending December 31, 1942.

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	429,000	323,000	688,000	918,000	385,000	565,000	766,000	277,000	354,000	269,000	211,000	549,000
2	440,000	316,000	685,000	875,000	330,000	589,000	785,000	256,000	357,000	273,000	223,000	552,000
3	443,000	320,000	684,000	829,000	302,000	595,000	801,000	243,000	352,000	280,000	231,000	545,000
4	446,000	337,000	626,000	781,000	286,000	578,000	809,000	239,000	330,000	286,000	246,000	526,000
5	443,000	342,000	572,000	735,000	282,000	552,000	809,000	243,000	288,000	295,000	260,000	507,000
6	438,000	344,000	513,000	688,000	288,000	507,000	805,000	250,000	256,000	304,000	280,000	491,000
7	423,000	340,000	464,000	643,000	300,000	443,000	793,000	269,000	237,000	313,000	286,000	482,000
8	404,000	342,000	435,000	606,000	304,000	383,000	773,000	282,000	227,000	313,000	291,000	476,000
9	380,000	370,000	415,000	599,000	316,000	350,000	746,000	297,000	225,000	302,000	295,000	479,000
10	352,000	432,000	404,000	609,000	337,000	342,000	717,000	320,000	227,000	293,000	306,000	491,000
11	320,000	504,000	426,000	657,000	362,000	350,000	685,000	350,000	231,000	288,000	316,000	513,000
12	295,000	575,000	449,000	728,000	393,000	367,000	664,000	367,000	235,000	291,000	323,000	523,000
13	269,000	629,000	479,000	801,000	415,000	390,000	650,000	375,000	250,000	295,000	330,000	520,000
14	248,000	657,000	501,000	867,000	426,000	409,000	640,000	380,000	273,000	295,000	332,000	504,000
15	223,000	657,000	529,000	914,000	423,000	426,000	626,000	383,000	293,000	284,000	340,000	479,000
16	194,000	654,000	572,000	932,000	415,000	455,000	612,000	383,000	302,000	269,000	347,000	455,000
17	162,000	650,000	640,000	946,000	409,000	479,000	595,000	383,000	304,000	252,000	352,000	426,000
18	150,000	650,000	699,000	950,000	415,000	504,000	575,000	380,000	297,000	241,000	352,000	393,000
19	157,000	660,000	739,000	950,000	440,000	526,000	558,000	377,000	286,000	241,000	350,000	362,000
20	173,000	671,000	801,000	941,000	476,000	549,000	549,000	367,000	269,000	243,000	350,000	337,000
21	188,000	682,000	858,000	928,000	501,000	562,000	536,000	350,000	258,000	248,000	350,000	318,000
22	199,000	692,000	897,000	918,000	520,000	568,000	504,000	318,000	262,000	252,000	352,000	306,000
23	213,000	696,000	928,000	905,000	536,000	578,000	446,000	291,000	271,000	256,000	352,000	304,000
24	227,000	699,000	954,000	880,000	552,000	599,000	399,000	284,000	277,000	256,000	357,000	306,000
25	239,000	696,000	959,000	846,000	565,000	626,000	375,000	302,000	280,000	252,000	372,000	311,000
26	256,000	692,000	973,000	793,000	568,000	667,000	360,000	328,000	286,000	248,000	396,000	313,000
27	282,000	688,000	987,000	724,000	562,000	682,000	352,000	335,000	288,000	243,000	432,000	328,000
28	295,000	688,000	987,000	646,000	549,000	706,000	342,000	335,000	282,000	239,000	473,000	357,000
29	300,000		982,000	558,000	536,000	724,000	332,000	335,000	273,000	227,000	510,000	390,000
30	306,000		977,000	458,000	528,000	743,000	318,000	340,000	269,000	209,000	532,000	464,000
31	323,000		950,000		539,000		297,000	347,000		207,000		602,000
Mean	297,000	547,000	702,000	787,000	428,000	527,000	588,000	322,000	278,000	267,000	338,000	439,000
Max.	446,000	699,000	987,000	950,000	568,000	743,000	809,000	383,000	357,000	313,000	532,000	602,000
Min.	150,000	316,000	404,000	458,000	282,000	342,000	297,000	239,000	225,000	207,000	211,000	304,000

Continued on next Page for July-Dec.

Daily discharge in second-feet, Mississippi River at Memphis, Tennessee, January to June, 1941.

Day	January		February		March		April		May		June	
	Mean gage reading. *Feet.*	Discharge. *c. f. s.*	Mean gage reading. *Feet.*	Discharge. *c. f. s.*	Mean gage reading. *Feet.*	Discharge. *c. f. s.*	Mean gage reading. *Feet.*	Discharge. *c. f. s.*	Mean gage reading. *Feet.*	Discharge. *c. f. s.*	Mean gage reading. *Feet.*	Discharge. *c. f. s.*
1	7.60	241,000	12.75	362,000	4.85	194,000	9.85	288,000	19.40	545,000	2.95	157,000
2	6.70	225,000	13.85	390,000	4.90	192,000	10.00	291,000	18.35	510,000	2.90	155,000
3	6.90	231,000	14.60	409,000	4.80	188,000	10.40	297,000	17.15	473,000	2.80	155,000
4	7.60	248,000	14.85	415,000	4.40	180,000	10.55	300,000	16.00	438,000	3.05	162,000
5	8.15	260,000	14.60	404,000	3.90	171,000	10.35	293,000	14.55	401,000	3.65	173,000
6	9.05	277,000	14.15	390,000	3.55	168,000	10.20	286,000	13.45	375,000	4.45	190,000
7	10.55	309,000	13.60	375,000	3.35	168,000	10.20	286,000	12.70	354,000	5.75	213,000
8	12.40	352,000	12.80	357,000	3.35	171,000	10.45	293,000	11.85	335,000	7.15	241,000
9	13.75	385,000	11.90	335,000	3.40	173,000	11.35	323,000	11.30	320,000	8.45	269,000
10	14.40	399,000	11.05	313,000	3.60	177,000	12.60	362,000	10.75	311,000	9.75	295,000
11	14.40	396,000	10.05	293,000	4.05	182,000	14.15	401,000	10.20	300,000	10.90	320,000
12	14.00	385,000	8.70	264,000	4.75	194,000	15.55	438,000	9.90	293,000	11.60	342,000
13	13.25	364,000	7.40	237,000	5.35	203,000	16.50	461,000	9.70	293,000	12.85	367,000
14	12.40	344,000	6.35	217,000	6.35	221,000	17.00	476,000	9.60	288,000	14.50	418,000
15	11.55	323,000	5.70	205,000	7.25	239,000	17.30	482,000	9.30	280,000	16.35	470,000
16	10.65	300,000	5.35	201,000	8.00	254,000	17.50	485,000	8.75	266,000	18.20	520,000
17	9.60	275,000	4.75	192,000	8.75	269,000	17.55	482,000	8.30	258,000	19.65	562,000
18	7.95	239,000	4.65	190,000	9.55	284,000	17.35	476,000	7.65	243,000	20.45	585,000
19	5.95	209,000	5.30	201,000	10.35	300,000	16.95	467,000	6.85	227,000	20.50	582,000
20	4.80	192,000	5.70	209,000	11.25	318,000	16.75	461,000	6.55	223,000	20.10	568,000
21	4.95	194,000	5.90	213,000	12.05	332,000	16.50	455,000	6.80	227,000	19.55	549,000
22	5.70	207,000	6.40	223,000	12.55	347,000	16.80	461,000	7.25	235,000	19.10	532,000
23	6.45	223,000	7.10	237,000	12.75	350,000	17.80	491,000	7.55	241,000	18.85	520,000
24	7.65	243,000	7.80	248,000	12.60	344,000	18.80	523,000	7.45	239,000	18.65	510,000
25	8.65	266,000	8.10	252,000	12.20	335,000	19.65	549,000	6.70	225,000	18.25	498,000
26	9.00	275,000	7.65	246,000	11.60	320,000	20.50	575,000	5.70	203,000	17.55	476,000
27	9.35	286,000	6.35	223,000	10.95	306,000	20.95	589,000	4.60	184,000	16.55	446,000
28	10.10	300,000	5.30	203,000	10.05	288,000	21.10	595,000	4.15	178,000	15.15	407,000
29	10.85	316,000			9.40	273,000	20.95	592,000	3.85	173,000	13.00	354,000
30	11.35	328,000			9.40	273,000	20.40	575,000	3.40	166,000	10.85	306,000
31	11.85	340,000			9.70	282,000			3.10	160,000		
Mean	9.60	288,000	9.03	279,000	7.71	248,000	15.53	435,000	9.45	289,000	12.78	378,000
Max.	14.40	399,000	14.85	415,000	12.75	350,000	21.10	595,000	19.40	545,000	20.50	585,000
Min.	4.80	192,000	4.65	190,000	3.35	168,000	9.85	286,000	3.10	160,000	2.80	155,000

NOTE.—Mean gage reading refers to the U. S. Engineer gage.

This is Continuation from Page 24 for 1941, January - June

Daily discharge in second-feet, Mississippi River at Memphis, Tennessee, July to December, 1941.

Day	July		August		September		October		November		December	
	Mean gage reading. *Feet.*	Discharge. *c. f. s.*	Mean gage reading. *Feet.*	Discharge. *c. f. s.*	Mean gage reading. *Feet.*	Discharge. *c. f. s.*	Mean gage reading. *Feet.*	Discharge. *c. f. s.*	Mean gage reading. *Feet.*	Discharge. *c. f. s.*	Mean gage reading. *Feet.*	Discharge. *c. f. s.*
1	9.45	275,000	4.40	180,000	3.25	169,000	7.15	235,000	15.85	435,000	10.95	311,000
2	8.75	260,000	4.05	173,000	3.60	173,000	6.80	229,000	15.90	438,000	10.80	309,000
3	8.40	256,000	3.80	169,000	3.55	171,000	6.25	217,000	16.35	449,000	10.40	302,000
4	8.10	250,000	4.25	177,000	3.25	168,000	5.60	203,000	17.15	473,000	9.85	288,000
5	7.75	246,000	4.55	182,000	3.15	166,000	5.30	194,000	18.20	504,000	9.15	273,000
6	8.50	260,000	4.45	180,000	3.05	162,000	5.40	197,000	19.05	529,000	8.45	260,000
7	9.85	286,000	3.50	166,000	2.80	159,000	5.90	213,000	19.60	542,000	8.00	248,000
8	10.95	313,000	2.85	153,000	3.45	171,000	6.90	237,000	19.90	549,000	7.60	239,000
9	12.00	337,000	2.65	152,000	4.25	188,000	9.20	295,000	20.20	555,000	7.30	235,000
10	12.65	352,000	1.75	145,000	4.90	199,000	12.35	370,000	20.60	565,000	7.10	229,000
11	12.75	354,000	1.35	136,000	5.25	203,000	14.65	423,000	20.95	575,000	6.80	223,000
12	12.80	357,000	1.05	131,000	4.90	199,000	16.10	455,000	21.30	582,000	6.40	217,000
13	12.90	360,000	0.75	126,000	4.65	194,000	16.55	464,000	21.35	582,000	6.40	215,000
14	13.10	364,000	0.55	123,000	4.75	196,000	16.65	467,000	21.00	572,000	6.40	215,000
15	13.45	372,000	0.30	120,000	4.90	199,000	16.60	464,000	20.20	549,000	6.30	213,000
16	13.75	380,000	0.45	122,000	5.90	217,000	16.75	467,000	18.95	516,000	5.80	205,000
17	13.90	383,000	0.85	126,000	7.45	250,000	17.05	473,000	17.50	473,000	5.50	199,000
18	13.85	383,000	0.75	123,000	8.35	266,000	17.80	491,000	15.90	429,000	5.95	207,000
19	13.30	367,000	1.50	135,000	8.35	264,000	17.85	491,000	14.55	393,000	6.40	217,000
20	11.35	323,000	2.35	150,000	8.10	260,000	17.60	485,000	13.55	367,000	6.80	223,000
21	9.55	286,000	2.55	157,000	7.70	250,000	17.05	467,000	12.55	347,000	6.85	225,000
22	9.20	280,000	3.15	168,000	7.40	243,000	16.35	443,000	11.60	325,000	6.80	225,000
23	9.25	280,000	3.10	169,000	7.35	241,000	15.45	421,000	10.85	309,000	6.65	221,000
24	9.05	275,000	2.60	162,000	7.30	241,000	14.60	396,000	10.20	295,000	5.95	207,000
25	9.00	275,000	2.40	159,000	7.70	248,000	13.85	375,000	9.80	286,000	6.05	209,000
26	9.25	280,000	2.25	155,000	8.10	254,000	13.40	364,000	9.80	286,000	6.70	223,000
27	9.60	286,000	1.70	146,000	8.20	258,000	13.75	372,000	10.20	295,000	7.35	239,000
28	9.55	280,000	1.20	138,000	8.00	254,000	14.20	385,000	10.65	304,000	8.40	264,000
29	7.95	250,000	1.00	136,000	7.60	248,000	14.65	399,000	10.95	311,000	10.50	311,000
30	5.85	207,000	1.35	140,000	7.35	239,000	15.00	412,000	11.00	313,000	12.45	357,000
31	4.80	188,000	2.20	153,000			15.50	426,000			13.85	396,000
Mean	10.34	302,000	2.25	150,000	5.82	215,000	12.98	372,000	15.85	438,000	7.87	249,000
Max.	13.90	383,000	4.55	182,000	8.35	266,000	17.85	491,000	21.35	582,000	13.85	396,000
Min.	4.80	188,000	0.30	120,000	2.80	159,000	5.30	194,000	9.80	286,000	5.50	199,000

NOTE.—Mean gage reading refers to the U. S. Engineer gage.

Daily discharge in second-feet, Mississippi River at Memphis, Tennessee, for the year ending December 31, 1940.

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	138,000	89,000	520,000	358,000	939,000	310,000	360,000	162,000	193,000	123,000	98,500	168,000
2	122,000	95,000	484,000	368,000	953,000	313,000	369,000	156,000	208,000	131,000	94,000	177,000
3	115,000	100,000	450,000	387,000	966,000	318,000	369,000	150,000	211,000	136,000	97,000	192,000
4	119,000	118,000	421,000	402,000	975,000	327,000	359,000	147,000	220,000	131,000	104,000	199,000
5	110,000	123,000	408,000	414,000	984,000	337,000	342,000	146,000	246,000	122,000	112,000	201,000
6	96,000	130,000	404,000	440,000	993,000	346,000	333,000	146,000	270,000	115,000	123,000	199,000
7	98,000	136,000	413,000	482,000	998,000	356,000	338,000	145,000	287,000	112,000	136,000	203,000
8	90,000	128,000	465,000	525,000	992,000	363,000	339,000	146,000	283,000	104,000	143,000	207,000
9	85,000	126,000	527,000	559,000	965,000	370,000	333,000	149,000	269,000	100,000	146,000	203,000
10	87,000	130,000	590,000	592,000	912,000	378,000	316,000	161,000	250,000	103,000	145,000	188,000
11	94,000	130,000	628,000	622,000	822,000	382,000	299,000	170,000	229,000	100,000	141,000	166,000
12	102,000	128,000	635,000	649,000	710,000	382,000	289,000	172,000	203,000	98,500	133,000	160,000
13	105,000	130,000	640,000	654,000	605,000	378,000	288,000	168,000	189,000	100,000	130,000	162,000
14	110,000	143,000	642,000	657,000	525,000	364,000	294,000	158,000	180,000	98,500	133,000	164,000
15	106,000	180,000	647,000	653,000	460,000	349,000	298,000	151,000	169,000	98,500	140,000	171,000
16	102,000	220,000	658,000	635,000	402,000	348,000	258,000	147,000	154,000	97,000	141,000	190,000
17	102,000	260,000	679,000	611,000	359,000	360,000	229,000	142,000	150,000	97,000	138,000	199,000
18	109,000	300,000	690,000	606,000	322,000	364,000	223,000	143,000	150,000	95,500	136,000	203,000
19	119,000	340,000	677,000	612,000	292,000	365,000	231,000	159,000	145,000	95,500	140,000	207,000
20	130,000	385,000	638,000	630,000	273,000	360,000	238,000	190,000	138,000	95,500	143,000	213,000
21	143,000	434,000	598,000	664,000	263,000	355,000	247,000	217,000	130,000	95,500	143,000	223,000
22	153,000	479,000	557,000	707,000	258,000	350,000	251,000	244,000	123,000	94,000	143,000	237,000
23	158,000	520,000	522,000	750,000	257,000	348,000	244,000	270,000	118,000	94,000	138,000	241,000
24	149,000	550,000	486,000	798,000	253,000	345,000	225,000	299,000	118,000	95,500	136,000	241,000
25	143,000	570,000	455,000	841,000	253,000	344,000	208,000	307,000	120,000	94,000	133,000	250,000
26	135,000	582,000	428,000	879,000	258,000	341,000	192,000	289,000	113,000	92,500	133,000	260,000
27	111,000	589,000	403,000	892,000	267,000	331,000	180,000	240,000	112,000	91,000	140,000	271,000
28	88,000	588,000	382,000	902,000	279,000	323,000	169,000	218,000	116,000	92,500	150,000	273,000
29	82,000	566,000	368,000	912,000	288,000	327,000	162,000	203,000	120,000	94,000	155,000	273,000
30	84,000		360,000	923,000	298,000	344,000	168,000	196,000	125,000	92,500	159,000	269,000
31	88,000		358,000		304,000		169,000	190,000		97,000		260,000
Mean	112,000	285,000	520,000	637,000	562,000	349,000	268,000	186,000	178,000	103,000	133,000	212,000
Max.	158,000	589,000	690,000	923,000	998,000	382,000	369,000	307,000	287,000	136,000	159,000	273,000
Min.	82,000	89,000	358,000	358,000	253,000	310,000	162,000	142,000	112,000	91,000	94,000	160,000

Daily discharge in second-feet, Mississippi River at Memphis, Tennessee, for the year ending December 31, 1939.

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	200,000	351,000	1,257,000	969,000	1,218,000	300,000	562,000	261,000	179,000	95,000	104,000	97,000
2	225,000	425,000	1,250,000	880,000	1,212,000	304,000	550,000	260,000	168,000	94,000	114,000	95,000
3	246,000	516,000	1,236,000	811,000	1,198,000	310,000	538,000	258,000	159,000	93,000	125,000	94,000
4	257,000	615,000	1,221,000	792,000	1,178,000	311,000	530,000	254,000	151,000	93,000	128,000	93,000
5	264,000	700,000	1,206,000	788,000	1,159,000	312,000	514,000	248,000	145,000	97,000	128,000	92,000
6	249,000	769,000	1,188,000	786,000	1,107,000	314,000	485,000	244,000	140,000	98,000	124,000	92,000
7	217,000	814,000	1,174,000	785,000	1,055,000	320,000	465,000	247,000	137,000	94,000	117,000	93,000
8	222,000	854,000	1,157,000	792,000	972,000	329,000	444,000	252,000	134,000	88,000	107,000	94,000
9	252,000	895,000	1,147,000	810,000	840,000	337,000	428,000	249,000	130,000	85,000	101,000	95,000
10	270,000	918,000	1,144,000	832,000	720,000	341,000	414,000	220,000	124,000	84,000	99,000	97,000
11	281,000	936,000	1,146,000	860,000	635,000	342,000	410,000	204,000	116,000	85,000	98,000	98,000
12	290,000	956,000	1,144,000	890,000	570,000	343,000	403,000	198,000	113,000	86,000	97,000	100,000
13	304,000	980,000	1,132,000	913,000	517,000	346,000	401,000	194,000	111,000	88,000	97,000	105,000
14	303,000	1,004,000	1,147,000	929,000	492,000	349,000	412,000	198,000	110,000	92,000	94,000	108,000
15	302,000	1,036,000	1,167,000	940,000	479,000	357,000	430,000	200,000	109,000	93,000	91,000	109,000
16	306,000	1,063,000	1,178,000	952,000	458,000	364,000	435,000	201,000	108,000	95,000	89,000	110,000
17	332,000	1,095,000	1,183,000	960,000	423,000	369,000	430,000	216,000	107,000	95,000	91,000	111,000
18	361,000	1,115,000	1,190,000	968,000	392,000	372,000	410,000	247,000	107,000	96,000	95,000	116,000
19	394,000	1,137,000	1,204,000	970,000	371,000	375,000	340,000	251,000	106,000	87,000	99,000	119,000
20	414,000	1,162,000	1,235,000	975,000	357,000	371,000	270,000	241,000	107,000	85,000	104,000	121,000
21	418,000	1,192,000	1,262,000	979,000	345,000	361,000	240,000	229,000	111,000	86,000	103,000	122,000
22	419,000	1,203,000	1,275,000	984,000	338,000	389,000	224,000	229,000	117,000	88,000	102,000	122,000
23	417,000	1,210,000	1,277,000	1,005,000	331,000	430,000	219,000	252,000	116,000	88,000	101,000	122,000
24	410,000	1,216,000	1,273,000	1,051,000	325,000	477,000	221,000	278,000	112,000	84,000	100,000	122,000
25	389,000	1,223,000	1,264,000	1,090,000	320,000	512,000	222,000	268,000	107,000	83,000	100,000	123,000
26	362,000	1,232,000	1,250,000	1,127,000	312,000	539,000	226,000	240,000	104,000	84,000	100,000	128,000
27	338,000	1,247,000	1,232,000	1,160,000	308,000	560,000	237,000	217,000	102,000	84,000	101,000	137,000
28	315,000	1,257,000	1,203,000	1,193,000	307,000	575,000	246,000	207,000	100,000	86,000	102,000	137,000
29	300,000		1,157,000	1,212,000	306,000	581,000	253,000	204,000	99,000	87,000	100,000	137,000
30	315,000		1,100,000	1,218,000	302,000	578,000	258,000	202,000	98,000	91,000	99,000	137,000
31	314,000		1,040,000		301,000		260,000	190,000		98,000		136,000
Mean	312,000	969,000	1,195,000	954,000	608,000	392,000	370,000	231,000	121,000	89,500	104,000	112,000
Max.	419,000	1,257,000	1,277,000	1,218,000	1,218,000	581,000	562,000	278,000	179,000	98,000	128,000	137,000
Min.	200,000	351,000	1,040,000	785,000	301,000	300,000	219,000	190,000	98,000	83,000	89,000	92,000

Daily discharge in second-feet, Mississippi River at Memphis, Tennessee, for the year ending December 31, 1938.

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	523,000	591,000	705,000	882,000	730,000	823,000	513,000	504,000	226,000	332,000	133,000	271,000
2	523,000	616,000	692,000	885,000	667,000	852,000	506,000	513,000	217,000	334,000	140,000	244,000
3	512,000	633,000	676,000	892,000	610,000	875,000	501,000	536,000	212,000	331,000	146,000	221,000
4	494,000	642,000	660,000	904,000	557,000	894,000	495,000	547,000	212,000	331,000	142,000	202,000
5	460,000	648,000	640,000	924,000	515,000	892,000	489,000	547,000	216,000	333,000	134,000	193,000
6	432,000	647,000	620,000	956,000	474,000	865,000	479,000	540,000	219,000	331,000	131,000	189,000
7	407,000	632,000	600,000	978,000	442,000	837,000	473,000	538,000	213,000	325,000	130,000	190,000
8	386,000	600,000	580,000	984,000	411,000	807,000	470,000	539,000	200,000	316,000	133,000	192,000
9	369,000	572,000	570,000	983,000	383,000	778,000	469,000	542,000	188,000	299,000	134,000	203,000
10	356,000	541,000	573,000	967,000	352,000	746,000	469,000	547,000	177,000	283,000	140,000	210,000
11	344,000	516,000	593,000	940,000	334,000	700,000	471,000	551,000	168,000	269,000	150,000	214,000
12	335,000	476,000	618,000	916,000	336,000	648,000	473,000	552,000	161,000	251,000	159,000	217,000
13	322,000	446,000	643,000	911,000	348,000	601,000	480,000	552,000	158,000	234,000	170,000	216,000
14	313,000	421,000	674,000	922,000	370,000	580,000	484,000	543,000	179,000	217,000	180,000	210,000
15	300,000	414,000	710,000	942,000	371,000	603,000	481,000	522,000	207,000	199,000	182,000	205,000
16	283,000	422,000	751,000	951,000	354,000	626,000	476,000	505,000	228,000	180,000	186,000	205,000
17	269,000	451,000	797,000	960,000	344,000	633,000	473,000	481,000	242,000	170,000	199,000	206,000
18	220,000	485,000	813,000	967,000	343,000	627,000	474,000	443,000	256,000	165,000	203,000	204,000
19	194,000	526,000	824,000	977,000	347,000	607,000	478,000	406,000	270,000	162,000	203,000	200,000
20	189,000	575,000	837,000	987,000	352,000	591,000	483,000	374,000	283,000	161,000	202,000	194,000
21	198,000	624,000	856,000	1,000,000	358,000	573,000	501,000	347,000	298,000	160,000	210,000	188,000
22	219,000	666,000	869,000	1,005,000	362,000	552,000	530,000	315,000	307,000	159,000	236,000	180,000
23	222,000	703,000	873,000	988,000	364,000	542,000	542,000	282,000	309,000	157,000	262,000	172,000
24	232,000	724,000	869,000	954,000	385,000	538,000	549,000	269,000	307,000	153,000	284,000	166,000
25	268,000	733,000	853,000	927,000	411,000	530,000	553,000	262,000	304,000	150,000	300,000	159,000
26	320,000	737,000	844,000	900,000	461,000	520,000	543,000	258,000	314,000	147,000	312,000	151,000
27	389,000	729,000	841,000	875,000	530,000	510,000	525,000	254,000	318,000	141,000	318,000	148,000
28	434,000	715,000	842,000	845,000	615,000	505,000	504,000	251,000	312,000	138,000	319,000	155,000
29	468,000		848,000	816,000	685,000	501,000	506,000	246,000	313,000	136,000	311,000	162,000
30	493,000		863,000	768,000	745,000	514,000	510,000	238,000	328,000	132,000	295,000	175,000
31	539,000		876,000		795,000		508,000	230,000		131,000		188,000
Mean	355,000	589,000	742,000	930,000	463,000	662,000	497,000	427,000	245,000	220,000	201,000	195,000
Max.	539,000	737,000	876,000	1,005,000	795,000	894,000	553,000	552,000	328,000	334,000	319,000	271,000
Min.	189,000	414,000	570,000	768,000	334,000	501,000	469,000	230,000	158,000	131,000	130,000	148,000

Daily discharge in second-feet, Mississippi River at Memphis, Tennessee, for the year ending December 31, 1937.

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	276,000	1,865,000	1,021,000	517,000	624,000	434,000	432,000	237,000	220,000	106,000	227,000	130,000
2	304,000	1,895,000	945,000	522,000	648,000	424,000	454,000	226,000	223,000	106,000	227,000	132,000
3	340,000	1,920,000	880,000	518,000	690,000	415,000	475,000	217,000	226,000	106,000	227,000	141,000
4	380,000	1,950,000	818,000	503,000	732,000	410,000	487,000	210,000	226,000	103,000	232,000	150,000
5	450,000	1,975,000	762,000	487,000	788,000	407,000	491,000	203,000	224,000	104,000	242,000	159,000
6	520,000	1,995,000	720,000	466,000	843,000	404,000	488,000	198,000	202,000	109,000	260,000	162,000
7	600,000	2,007,000	660,000	445,000	895,000	404,000	471,000	193,000	168,000	119,000	287,000	160,000
8	690,000	2,007,000	612,000	431,000	945,000	408,000	452,000	190,000	168,000	131,000	310,000	156,000
9	765,000	2,000,000	567,000	421,000	997,000	417,000	426,000	184,000	186,000	139,000	323,000	151,000
10	820,000	1,980,000	540,000	408,000	1,035,000	430,000	375,000	184,000	190,000	139,000	333,000	146,000
11	859,000	1,950,000	526,000	396,000	1,066,000	433,000	340,000	186,000	194,000	143,000	326,000	140,000
12	882,000	1,912,000	523,000	385,000	1,094,000	430,000	325,000	203,000	194,000	150,000	307,000	136,000
13	895,000	1,872,000	531,000	377,000	1,112,000	422,000	314,000	216,000	195,000	156,000	279,000	132,000
14	912,000	1,833,000	548,000	379,000	1,120,000	440,000	300,000	214,000	195,000	152,000	223,000	133,000
15	931,000	1,790,000	565,000	385,000	1,114,000	477,000	289,000	210,000	195,000	140,000	160,000	115,000
16	953,000	1,740,000	580,000	393,000	1,088,000	492,000	280,000	206,000	195,000	127,000	146,000	103,000
17	987,000	1,700,000	586,000	399,000	1,046,000	498,000	280,000	205,000	191,000	122,000	146,000	99,000
18	1,032,000	1,650,000	584,000	403,000	1,005,000	496,000	291,000	205,000	175,000	122,000	150,000	110,000
19	1,057,000	1,592,000	579,000	408,000	943,000	488,000	303,000	209,000	152,000	127,000	155,000	150,000
20	1,085,000	1,540,000	574,000	412,000	898,000	478,000	319,000	209,000	139,000	138,000	159,000	185,000
21	1,138,000	1,490,000	568,000	412,000	838,000	473,000	330,000	211,000	134,000	149,000	160,000	214,000
22	1,220,000	1,432,000	559,000	412,000	780,000	473,000	340,000	200,000	130,000	159,000	155,000	256,000
23	1,340,000	1,380,000	523,000	412,000	712,000	473,000	348,000	189,000	130,000	170,000	150,000	299,000
24	1,460,000	1,320,000	535,000	420,000	648,000	475,000	348,000	181,000	130,000	182,000	150,000	340,000
25	1,585,000	1,262,000	560,000	446,000	592,000	475,000	344,000	178,000	125,000	194,000	151,000	385,000
26	1,652,000	1,207,000	564,000	490,000	544,000	466,000	337,000	180,000	113,000	205,000	149,000	425,000
27	1,698,000	1,140,000	552,000	540,000	508,000	453,000	328,000	178,000	103,000	215,000	143,000	458,000
28	1,730,000	1,085,000	532,000	577,000	487,000	439,000	318,000	178,000	107,000	226,000	137,000	486,000
29	1,770,000		516,000	597,000	474,000	428,000	301,000	191,000	106,000	227,000	133,000	510,000
30	1,802,000		508,000	609,000	460,000	418,000	275,000	207,000	106,000	227,000	130,000	530,000
31	1,830,000		508,000		446,000		251,000	213,000		227,000		541,000
Mean	1,031,000	1,696,000	614,000	452,000	812,000	446,000	358,000	200,000	168,000	152,000	206,000	233,000
Max.	1,830,000	2,007,000	1,021,000	609,000	1,120,000	498,000	491,000	237,000	226,000	227,000	333,000	541,000
Min.	276,000	1,085,000	508,000	377,000	446,000	404,000	251,000	178,000	103,000	103,000	130,000	99,000

Daily discharge in second-feet, Mississippi River at Memphis, Tennessee, for the year ending December 31, 1936.

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	240,000	377,000	603,000	962,000	625,000	280,000	173,000	120,000	99,000	144,000	139,000	141,000
2	214,000	353,000	628,000	1,004,000	568,000	267,000	170,000	129,000	99,000	146,000	148,000	141,000
3	188,000	322,000	685,000	1,022,000	510,000	252,000	183,000	130,000	110,000	160,000	158,000	144,000
4	168,000	294,000	718,000	1,043,000	454,000	241,000	186,000	118,000	124,000	186,000	166,000	138,000
5	156,000	264,000	726,000	1,076,000	427,000	238,000	187,000	108,000	128,000	228,000	171,000	129,000
6	155,000	241,000	726,000	1,112,000	412,000	238,000	180,000	104,000	127,000	235,000	190,000	125,000
7	166,000	224,000	725,000	1,145,000	405,000	238,000	171,000	106,000	122,000	220,000	236,000	136,000
8	190,000	237,000	728,000	1,180,000	403,000	237,000	172,000	106,000	129,000	213,000	330,000	140,000
9	224,000	251,000	733,000	1,229,000	428,000	236,000	193,000	97,000	119,000	198,000	388,000	147,000
10	274,000	272,000	737,000	1,246,000	440,000	235,000	214,000	106,000	116,000	190,000	418,000	160,000
11	355,000	301,000	740,000	1,274,000	448,000	234,000	232,000	106,000	116,000	183,000	429,000	185,000
12	470,000	328,000	740,000	1,300,000	446,000	229,000	236,000	102,000	122,000	181,000	430,000	232,000
13	553,000	355,000	738,000	1,322,000	432,000	222,000	211,000	102,000	123,000	180,000	429,000	267,000
14	605,000	377,000	732,000	1,337,000	418,000	213,000	185,000	109,000	115,000	183,000	427,000	293,000
15	655,000	398,000	718,000	1,340,000	399,000	212,000	166,000	107,000	107,000	193,000	425,000	300,000
16	673,000	423,000	701,000	1,343,000	378,000	220,000	160,000	98,000	102,000	200,000	423,000	306,000
17	687,000	446,000	681,000	1,346,000	351,000	214,000	153,000	92,000	100,000	199,000	417,000	312,000
18	698,000	444,000	660,000	1,350,000	327,000	207,000	143,000	93,000	98,000	192,000	402,000	312,000
19	700,000	422,000	646,000	1,352,000	318,000	204,000	131,000	100,000	105,000	190,000	385,000	303,000
20	686,000	387,000	638,000	1,352,000	330,000	201,000	120,000	103,000	112,000	195,000	360,000	282,000
21	644,000	363,000	644,000	1,351,000	332,000	193,000	127,000	101,000	113,000	206,000	320,000	262,000
22	596,000	342,000	660,000	1,336,000	331,000	184,000	136,000	89,000	108,000	214,000	265,000	246,000
23	548,000	338,000	687,000	1,310,000	330,000	180,000	138,000	82,000	120,000	220,000	214,000	233,000
24	512,000	338,000	735,000	1,265,000	326,000	178,000	143,000	80,000	125,000	212,000	187,000	222,000
25	475,000	360,000	780,000	1,230,000	322,000	183,000	149,000	78,000	134,000	209,000	177,000	206,000
26	446,000	397,000	798,000	1,180,000	320,000	187,000	146,000	81,000	142,000	200,000	168,000	187,000
27	429,000	437,000	810,000	1,115,000	319,000	180,000	140,000	82,000	153,000	189,000	162,000	187,000
28	418,000	528,000	836,000	1,004,000	313,000	174,000	139,000	82,000	158,000	172,000	157,000	212,000
29	407,000	574,000	868,000	860,000	304,000	176,000	142,000	86,000	157,000	156,000	152,000	227,000
30	399,000		910,000	740,000	296,000	175,000	134,000	92,000	148,000	143,000	147,000	234,000
31	390,000		930,000		285,000		122,000	98,000		136,000		249,000
Mean	430,000	358,000	731,000	1,191,000	387,000	214,000	164,000	99,600	121,000	189,000	281,000	215,000
Max.	700,000	574,000	930,000	1,352,000	625,000	280,000	236,000	130,000	158,000	235,000	430,000	312,000
Min.	155,000	224,000	603,000	740,000	285,000	174,000	120,000	78,000	98,000	136,000	139,000	125,000

Daily discharge in second-feet, Mississippi River at Memphis, Tennessee, for the year ending December 31, 1935.

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	253,000	814,000	434,000	1,180,000	603,000	1,010,000	892,000	444,000	236,000	129,000	132,000	206,000
2	255,000	807,000	432,000	1,150,000	542,000	1,010,000	888,000	422,000	227,000	121,000	141,000	210,000
3	261,000	780,000	443,000	1,130,000	494,000	992,000	884,000	401,000	214,000	121,000	141,000	214,000
4	274,000	747,000	468,000	1,110,000	453,000	970,000	871,000	393,000	204,000	121,000	143,000	224,000
5	287,000	682,000	501,000	1,110,000	432,000	950,000	833,000	391,000	196,000	121,000	143,000	230,000
6	300,000	646,000	513,000	1,110,000	438,000	908,000	810,000	386,000	190,000	121,000	141,000	236,000
7	313,000	581,000	522,000	1,110,000	477,000	874,000	779,000	376,000	202,000	121,000	138,000	243,000
8	319,000	515,000	530,000	1,110,000	542,000	850,000	747,000	362,000	222,000	116,000	139,000	245,000
9	315,000	446,000	537,000	1,120,000	617,000	845,000	720,000	339,000	237,000	113,000	151,000	236,000
10	310,000	389,000	547,000	1,130,000	680,000	842,000	694,000	320,000	252,000	118,000	157,000	230,000
11	304,000	361,000	560,000	1,150,000	720,000	846,000	668,000	313,000	280,000	118,000	170,000	226,000
12	294,000	328,000	587,000	1,160,000	750,000	857,000	645,000	311,000	320,000	114,000	196,000	226,000
13	274,000	326,000	662,000	1,170,000	780,000	863,000	624,000	311,000	360,000	109,000	233,000	232,000
14	264,000	326,000	762,000	1,170,000	799,000	875,000	603,000	313,000	380,000	107,000	258,000	240,000
15	274,000	333,000	834,000	1,170,000	819,000	884,000	582,000	332,000	365,000	107,000	277,000	257,000
16	306,000	346,000	890,000	1,150,000	835,000	888,000	564,000	351,000	337,000	106,000	303,000	266,000
17	321,000	360,000	950,000	1,160,000	847,000	901,000	524,000	377,000	308,000	104,000	328,000	282,000
18	337,000	382,000	1,020,000	1,160,000	859,000	901,000	489,000	399,000	281,000	106,000	351,000	297,000
19	360,000	402,000	1,050,000	1,170,000	880,000	888,000	453,000	420,000	238,000	104,000	360,000	311,000
20	410,000	428,000	1,080,000	1,170,000	900,000	871,000	421,000	433,000	206,000	102,000	372,000	322,000
21	494,000	449,000	1,120,000	1,160,000	923,000	833,000	372,000	442,000	181,000	102,000	384,000	328,000
22	581,000	480,000	1,150,000	1,150,000	936,000	820,000	344,000	442,000	168,000	102,000	389,000	339,000
23	645,000	500,000	1,180,000	1,100,000	950,000	814,000	335,000	432,000	158,000	125,000	389,000	353,000
24	709,000	509,000	1,210,000	1,060,000	964,000	811,000	330,000	428,000	152,000	121,000	372,000	362,000
25	768,000	509,000	1,230,000	1,030,000	968,000	814,000	328,000	422,000	148,000	123,000	353,000	367,000
26	819,000	495,000	1,240,000	976,000	978,000	822,000	333,000	415,000	147,000	125,000	337,000	358,000
27	826,000	478,000	1,240,000	904,000	986,000	830,000	342,000	407,000	152,000	125,000	315,000	339,000
28	830,000	457,000	1,240,000	810,000	995,000	846,000	355,000	380,000	150,000	125,000	279,000	326,000
29	832,000		1,230,000	735,000	1,000,000	865,000	382,000	315,000	143,000	123,000	240,000	311,000
30	826,000		1,220,000	667,000	1,010,000	879,000	407,000	263,000	134,000	121,000	212,000	292,000
31	822,000		1,200,000		1,010,000		438,000	244,000		127,000		264,000
Mean	458,000	496,000	857,000	1,090,000	780,000	879,000	570,000	374,000	226,000	116,000	251,000	277,000
Max.	832,000	814,000	1,240,000	1,180,000	1,010,000	1,010,000	892,000	444,000	380,000	129,000	389,000	367,000
Min.	253,000	326,000	432,000	667,000	432,000	811,000	328,000	244,000	134,000	102,000	132,000	206,000

Daily discharge in second-feet, Mississippi River at Memphis, Tennessee, for the year ending December 31, 1934.

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	361,000	169,000	176,000	685,000	397,000	151,000	157,000	122,000	160,000	129,000	131,000	324,000
2	332,000	174,000	233,000	713,000	379,000	149,000	157,000	123,000	156,000	137,000	137,000	336,000
3	304,000	176,000	257,000	738,000	354,000	149,000	157,000	129,000	154,000	150,000	138,000	345,000
4	282,000	176,000	282,000	753,000	327,000	144,000	157,000	141,000	149,000	162,000	141,000	332,000
5	267,000	179,000	316,000	769,000	306,000	141,000	157,000	159,000	138,000	174,000	138,000	329,000
6	255,000	183,000	361,000	776,000	284,000	138,000	152,000	169,000	131,000	201,000	138,000	341,000
7	249,000	179,000	430,000	776,000	257,000	134,000	146,000	159,000	134,000	230,000	144,000	368,000
8	241,000	170,000	485,000	757,000	241,000	131,000	141,000	149,000	130,000	232,000	152,000	384,000
9	238,000	165,000	539,000	718,000	229,000	134,000	144,000	146,000	120,000	224,000	162,000	384,000
10	234,000	162,000	604,000	676,000	223,000	141,000	146,000	146,000	109,000	206,000	172,000	387,000
11	259,000	162,000	643,000	614,000	212,000	146,000	144,000	144,000	110,000	179,000	183,000	394,000
12	307,000	164,000	709,000	552,000	202,000	151,000	148,000	137,000	109,000	160,000	198,000	400,000
13	368,000	164,000	740,000	488,000	193,000	165,000	144,000	122,000	110,000	156,000	208,000	402,000
14	427,000	162,000	760,000	443,000	192,000	176,000	140,000	122,000	120,000	151,000	206,000	366,000
15	462,000	162,000	776,000	408,000	188,000	185,000	137,000	140,000	131,000	148,000	196,000	330,000
16	506,000	162,000	792,000	389,000	183,000	187,000	138,000	144,000	140,000	146,000	183,000	280,000
17	507,000	149,000	812,000	387,000	181,000	189,000	148,000	156,000	143,000	151,000	170,000	235,000
18	486,000	145,000	830,000	387,000	183,000	190,000	160,000	164,000	143,000	157,000	160,000	219,000
19	460,000	136,000	833,000	389,000	190,000	186,000	167,000	170,000	143,000	154,000	152,000	210,000
20	429,000	128,000	785,000	394,000	195,000	183,000	172,000	176,000	162,000	151,000	144,000	202,000
21	386,000	124,000	761,000	392,000	190,000	199,000	172,000	172,000	174,000	146,000	165,000	201,000
22	356,000	120,000	706,000	389,000	187,000	218,000	169,000	169,000	186,000	143,000	176,000	200,000
23	318,000	117,000	629,000	387,000	188,000	237,000	162,000	179,000	188,000	134,000	172,000	201,000
24	286,000	115,000	544,000	387,000	188,000	228,000	160,000	199,000	184,000	128,000	194,000	202,000
25	255,000	117,000	486,000	387,000	190,000	212,000	161,000	218,000	177,000	127,000	233,000	202,000
26	214,000	120,000	460,000	387,000	188,000	200,000	166,000	237,000	167,000	124,000	247,000	197,000
27	177,000	128,000	472,000	387,000	183,000	199,000	168,000	247,000	152,000	119,000	255,000	201,000
28	170,000	141,000	500,000	394,000	176,000	199,000	164,000	224,000	140,000	116,000	261,000	208,000
29	169,000		554,000	400,000	155,000	193,000	146,000	197,000	132,000	117,000	270,000	222,000
30	169,000		606,000	400,000	154,000	170,000	134,000	167,000	128,000	122,000	298,000	241,000
31	167,000		652,000		154,000		125,000	165,000		126,000		249,000
Mean	311,000	152,000	572,000	524,000	222,000	174,000	153,000	164,000	144,000	155,000	184,000	287,000
Max.	507,000	183,000	833,000	776,000	397,000	237,000	172,000	247,000	188,000	232,000	298,000	402,000
Min.	167,000	115,000	176,000	387,000	154,000	131,000	125,000	122,000	109,000	116,000	131,000	197,000

Daily discharge in second-feet, Mississippi River at Memphis, Tennessee, for the year ending December 31, 1933.

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	646,000	899,000	899,000	1,116,000	1,023,000	1,340,000	268,000	291,000	165,000	197,000	119,000	130,000
2	730,000	911,000	915,000	1,146,000	1,000,000	1,326,000	266,000	279,000	167,000	199,000	118,000	126,000
3	793,000	919,000	927,000	1,179,000	973,000	1,297,000	257,000	277,000	158,000	187,000	116,000	119,000
4	825,000	920,000	933,000	1,220,000	969,000	1,268,000	253,000	275,000	155,000	177,000	113,000	113,000
5	857,000	927,000	931,000	1,264,000	887,000	1,234,000	277,000	272,000	167,000	171,000	110,000	111,000
6	885,000	903,000	899,000	1,306,000	824,000	1,182,000	304,000	268,000	182,000	167,000	111,000	128,000
7	920,000	890,000	871,000	1,348,000	773,000	1,126,000	334,000	262,000	193,000	178,000	112,000	121,000
8	946,000	860,000	820,000	1,380,000	724,000	1,038,000	349,000	259,000	214,000	182,000	115,000	118,000
9	967,000	828,000	728,000	1,400,000	692,000	952,000	331,000	255,000	234,000	178,000	128,000	128,000
10	983,000	797,000	639,000	1,410,000	685,000	875,000	314,000	252,000	245,000	163,000	149,000	138,000
11	993,000	750,000	557,000	1,412,000	686,000	762,000	294,000	250,000	232,000	154,000	162,000	161,000
12	992,000	699,000	517,000	1,400,000	735,000	660,000	287,000	247,000	225,000	145,000	145,000	180,000
13	985,000	657,000	491,000	1,362,000	781,000	586,000	281,000	234,000	210,000	135,000	133,000	186,000
14	949,000	619,000	479,000	1,330,000	833,000	515,000	275,000	216,000	197,000	130,000	123,000	177,000
15	897,000	583,000	473,000	1,300,000	874,000	467,000	268,000	210,000	181,000	126,000	116,000	173,000
16	845,000	554,000	456,000	1,266,000	911,000	427,000	264,000	225,000	175,000	126,000	113,000	167,000
17	793,000	544,000	447,000	1,230,000	948,000	403,000	255,000	236,000	167,000	121,000	112,000	163,000
18	730,000	557,000	441,000	1,192,000	986,000	385,000	253,000	243,000	176,000	116,000	112,000	166,000
19	678,000	583,000	471,000	1,152,000	1,027,000	377,000	246,000	250,000	182,000	116,000	110,000	180,000
20	599,000	627,000	508,000	1,121,000	1,075,000	370,000	244,000	252,000	188,000	124,000	110,000	245,000
21	542,000	676,000	554,000	1,102,000	1,150,000	360,000	248,000	227,000	185,000	116,000	113,000	281,000
22	506,000	716,000	627,000	1,097,000	1,220,000	333,000	242,000	200,000	169,000	113,000	108,000	300,000
23	488,000	753,000	709,000	1,087,000	1,262,000	312,000	231,000	185,000	163,000	103,000	107,000	337,000
24	523,000	777,000	773,000	1,082,000	1,290,000	308,000	223,000	173,000	159,000	94,000	102,000	379,000
25	590,000	805,000	821,000	1,077,000	1,322,000	301,000	212,000	165,000	158,000	112,000	108,000	406,000
26	673,000	829,000	878,000	1,072,000	1,346,000	290,000	210,000	161,000	167,000	131,000	116,000	425,000
27	750,000	854,000	915,000	1,067,000	1,356,000	287,000	223,000	156,000	171,000	142,000	121,000	431,000
28	801,000	878,000	952,000	1,062,000	1,360,000	283,000	239,000	153,000	173,000	147,000	126,000	434,000
29	837,000		982,000	1,053,000	1,362,000	277,000	254,000	145,000	174,000	140,000	133,000	414,000
30	866,000		1,040,000	1,043,000	1,360,000	270,000	275,000	142,000	184,000	129,000	130,000	403,000
31	886,000		1,080,000		1,352,000		286,000	157,000		121,000		385,000
Mean	790,000	761,000	733,000	1,209,000	1,025,000	654,000	267,000	223,000	184,000	143,000	120,000	233,000
Max.	993,000	927,000	1,080,000	1,412,000	1,362,000	1,340,000	349,000	291,000	245,000	199,000	162,000	434,000
Min.	488,000	544,000	441,000	1,043,000	685,000	270,000	210,000	142,000	155,000	94,000	102,000	111,000