DAILY DISCHARGE FOR 1994

HATCHIE RIVER AT RIALTO, TENN.

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	3189	11813	8052	12728	3321	2144	3549	3077	974	755	1537	2384
2	2943	12661	7573	12604	2983	2275	3137	3094	953	744	1384	2479
3	2763	15464	7452	13806	2769	2349	3031	3084	942	732	1270	2542
4	2669	16044	7584	13949	2671	2406	3121	3105	942	717	1193	2612
5	2614	14671	7726	13092	2628	2545	3427	3198	971	705	1159	2676
6	2610	12533	7563	11959	2638	2665	3779	3465	1048	693	1142	2740
7	2960	10691	7157	11414	2700	2876	4063	3909	1130	682	1148	2803
8	3164	9278	6758	12282	2819	3173	4190	4228	1201	677	1163	2950
9	3199	8850	7410	12199	2987	3691	4334	4350	1250	679	1217	3655
10	3122	8057	7955	11387	3088	4576	4507	4248	1258	673	1341	5023
11	3017	8696	9254	9976	3123	4929	4538	4050	1216	671	1493	5859
12	3001	8996	11852	8907	3067	5560	4360	3740	1144	704	1630	6732
13	2781	8745	12670	8016	2939	6479	4099	3186	1066	799	1750	9462
14	2629	8876	11674	7337	2871	6438	3926	2544	998	1018	1871	10753
15	2501	8612	10451	6924	3019	5849	4011	1873	943	1187	1974	9869
16	2426	7771	10100	6747	3178	5324	3617	1492	897	1293	2071	8701
17	2714	7626	10708	6731	3273	5043	3076	1457	860	1399	2151	7787
18	2921	12779	10888	6744	3089	5033	2743	1539	834	1500	2231	7121
19	2950	16741	10252	6563	2783	5268	2657	1520	818	1589	2311	6709
20	3000	16462	9222	6348	2571	5663	2608	1447	804	1677	2395	6605
21	2909	14879	8240	6072	2413	5827	2557	1493	788	1775	2514	6973
22	2792	14031	7338	5737	2343	5687	2605	1407	772	1855	2529	9575
23	2763	14554	6667	5407	2320	5287	2557	1316	763	1895	2524	9937
24	2776	14667	6301	5068	2318	4860	2520	1309	762	1945	2438	9438
25	3204	14472	6274	4786	2318	4335	2437	1353	759	1988	2197	8510
26	3763	12552	6781	4501	2313	4800	2358	1396	771	2020	1904	7454
27	5180	10599	10855	4212	2301	4910	2729	1373	793	2030	1822	6754
28	7204	9070	14857	4044	2360	4261	3040	1277	794	2009	1909	6197
29	8149	----	16221	3816	2380	4171	3040	1172	783	1949	2070	5765
30	10341	----	16424	3598	2211	3961	3039	1075	771	1848	2248	5322
31	11789	----	14585	----	2038	----	3059	1024	----	1710	----	4945
MEAN	3808	11792	9576	8232	2704	4413	3313	2348	934	1288	1820	6140
MAX	11789	16741	16424	13949	3321	6479	4538	4350	1258	2030	2529	10753
MIN	2426	7626	6274	3598	2038	2144	2358	1024	759	671	1142	2384

THE MEAN FLOW FOR THE YEAR 4648
HIGHEST FLOW WAS 17418 30 MAR 1994
LOWEST FLOW WAS 670 11 OCT 1994

DAILY DISCHARGE FOR 1993

HATCHIE RIVER AT RIALTO, TENN.

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	3801	4668	4819	4458	6252	2210	2207	886	785	1343	983	2017
2	4120	4524	5159	4480	6029	2010	2053	932	784	1330	939	1673
3	4251	4418	5329	3772	5805	1848	1872	778	802	1570	914	1567
4	4273	4319	5330	3520	5007	1725	1822	760	764	1616	908	3373
5	5561	4330	5562	3294	5162	1516	1742	651	726	1752	910	3812
6	5377	4085	5003	3031	5326	1458	1693	724	725	1799	902	4173
7	5065	3859	5004	2791	5779	1427	1386	820	706	1908	884	4333
8	4617	3749	5165	2838	5773	1364	1154	958	687	1875	868	4328
9	4382	3027	5337	3565	6226	1273	996	1027	667	1814	851	4158
10	4184	2715	5339	4766	7030	1162	968	1131	648	1241	838	3977
11	4096	2230	5008	5078	7022	1103	826	1184	629	1084	828	3999
12	3907	2148	4689	5429	7884	1200	798	1288	628	963	816	4539
13	3835	2120	4530	8507	9008	1219	775	1401	593	871	887	6695
14	3763	2092	4301	8140	9419	1134	1040	1346	608	848	1083	12117
15	3652	2526	3608	9293	9070	1100	947	1160	643	825	2453	11642
16	3631	2917	3436	8546	8341	1093	925	984	624	802	2435	10464
17	3700	3378	3277	7533	7992	1086	903	893	606	801	4265	9358
18	3768	3824	2961	6963	7414	1027	949	848	605	764	4370	8138
19	3400	3566	2402	6973	6568	1021	1018	894	605	801	4490	7296
20	4902	3408	2128	6981	5872	946	972	917	657	914	4346	6654
21	5364	2999	2129	7279	7485	849	859	895	693	937	3961	6242
22	5770	2855	2065	7287	6370	797	792	804	674	914	3451	5802
23	5946	2912	2161	7005	4031	756	774	748	655	1004	3019	5478
24	6122	2918	2320	7014	3753	744	756	712	983	1027	2834	5166
25	6298	2974	2629	6732	3252	966	775	676	1997	1105	2773	4972
26	6321	3469	2896	6450	2899	1123	793	640	1658	1208	2968	4795
27	6345	4251	3119	6226	2703	1184	794	659	1482	1240	3003	4617
28	6368	4485	3385	6233	2599	1219	794	641	1425	1224	2957	4448
29	6161		3580	6239	2471	1560	776	641	1396	1174	2887	4520
30	5725		4084	6246	2467	2126	740	678	1383	1114	2542	4272
31	4812		4568		2422		741	750		1044		3953
MEAN	4823	3384	3913	5888	5723	1274	1085	884	861	1190	2178	5438
MAX	6368	4668	5562	9293	9419	2210	2207	1401	1997	1908	4490	12117
MIN	3400	2092	2065	2791	2422	744	740	640	593	764	816	1567

TOTAL DISCHARGE FOR YEAR WAS 1115711 MEAN DISCHARGE FOR YEAR WAS 3056

MAXIMUM DISCHARGE WAS 12,117 CFS ON DEC. 14.
MINIMUM DISCHARGE WAS 593 CFS ON SEP. 13.

DAILY DISCHARGE FOR 1992

HATCHIE RIVER AT RIALTO, TENN.

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	3708	1676	2608	4412	2338	878	1564	1362	1208	2997	952	2671
2	3291	1610	2677	4104	2145	861	1532	1336	1409	2925	974	2665
3	3012	1576	2745	4077	1789	905	1564	1310	1672	2786	1106	2780
4	2892	1509	2814	3769	1400	2541	1596	1257	1918	2690	1203	2813
5	2752	1442	2882	3636	1230	3005	1932	1341	1955	2638	1288	2802
6	3004	1385	2907	3519	1149	3668	2002	1456	2028	2586	1345	2878
7	2961	1301	2995	2828	1082	4725	2106	1555	2065	2577	1429	2867
8	2899	1244	3299	2475	1015	4110	2071	1620	2140	2525	1462	3011
9	2846	1242	3554	2241	970	3711	2001	1653	2218	1855	1496	3056
10	2793	1185	7069	2086	926	3049	2038	1556	2372	1848	1562	2922
11	2653	1179	9156	1974	863	4172	1866	1492	2450	1806	1499	2781
12	2514	1173	12723	1933	841	5045	1903	1429	2535	1667	1409	2242
13	2389	1123	12822	1926	819	5698	1940	1429	2538	1596	1355	2158
14	2463	1097	11628	1584	817	5735	1942	1346	2541	1024	1301	2111
15	2500	1092	9862	1625	775	4949	1770	1291	2311	1041	1358	1927
16	2584	1261	8097	1536	753	4793	1609	1291	1678	1015	1359	1989
17	2582	1483	11141	1479	731	4638	1392	1347	1313	1011	1417	2015
18	2493	1541	13316	1398	730	4667	1516	1208	1177	985	1449	2076
19	2452	1795	19170	1432	953	4511	1518	1069	1045	937	1484	2139
20	2375	2032	19290	1698	869	4839	1585	1158	1209	790	1617	2431
21	2335	2060	20294	2051	847	5167	1457	1185	1528	950	1717	2759
22	2296	2017	15614	2169	825	4754	1373	1187	1967	1098	2138	2854
23	2524	1940	10188	2291	783	4712	1181	1074	2335	1094	2523	3017
24	2404	2072	9416	2263	863	3765	1091	1010	2621	1002	2484	3088
25	2365	2174	9321	2386	923	3531	1093	990	2756	976	2375	3158
26	2287	2468	8116	2395	901	3310	1186	991	2848	972	2378	3330
27	2210	2452	7117	2405	863	3156	1299	975	2947	946	2420	3348
28	2132	2514	6454	2377	825	2484	1356	1111	2954	885	2500	3266
29	2024	2583	5935	2386	808	1759	1505	1073	3021	927	2504	3382
30	1848		5646	2343	913	1662	1442	1035	3009	928	2595	3498
31	1776		4813		896		1416	1040		909		3714
MEAN	2560	1662	8505	2426	1020	3693	1607	1263	2125	1547	1689	2766
MAX	3708	2583	20294	4412	2338	5735	2106	1653	3021	2997	2595	3714
MIN	1776	1092	2608	1398	730	861	1091	975	1045	790	952	1927

TOTAL DISCHARGE FOR YEAR WAS 943723 MEAN DISCHARGE FOR YEAR WAS 2578

MAXIMUM DISCHARGE WAS 20,294 CFS ON MAR. 21.
MINIMUM DISCHARGE WAS 730 CFS ON MAY 18.

DAILY DISCHARGE FOR 1991

HATCHIE RIVER AT RIALTO, TENN.

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	14138	1530	15186	5153	19196	7414	2132	1010	721	648	1042	1867
2	14515	1385	12900	6291	16602	14763	2169	1006	741	626	1040	2142
3	13151	1329	11145	7465	13922	21244	2164	984	747	604	1038	4909
4	12223	1389	8824	7083	12208	18542	2202	925	767	610	1017	6784
5	10612	1954	8730	6388	16168	15876	2155	831	772	615	1016	7351
6	11304	2861	8635	5916	18824	13637	2022	782	809	591	978	6965
7	12483	5085	7662	6165	18802	10329	1551	716	783	597	1014	16868
8	11576	6025	6782	6735	16154	8048	1260	682	757	587	957	20430
9	12884	5799	5544	8023	15683	7357	1158	772	700	666	901	29154
10	13779	5332	4953	9891	15664	6367	1083	939	752	672	863	34838
11	12934	4758	4811	10646	14776	5859	941	899	851	663	828	26106
12	12524	4398	4668	9917	20789	5592	888	858	777	653	812	28547
13	9085	4103	4711	10300	23651	5324	872	760	767	659	795	26117
14	7675	4110	4569	11814	27991	6017	839	756	741	664	779	23173
15	7057	3848	4427	13569	28167	5989	810	722	824	655	762	17721
16	6189	3721	4147	14454	25919	5047	827	673	881	646	761	14829
17	5723	3729	3908	14469	23726	4841	814	597	888	666	760	12223
18	5059	4832	3560	14919	22122	4267	785	594	762	665	775	10374
19	4699	8015	3333	15369	22288	3504	771	606	720	664	773	8602
20	4340	10633	3015	16822	21864	2769	742	588	710	678	2074	8685
21	4351	18770	2682	16315	21200	2474	728	570	672	692	1805	8397
22	4068	20375	2350	15415	20072	2261	730	567	665	706	2021	8851
23	3941	23834	2536	12820	17370	2404	763	558	659	705	2059	8563
24	3813	26818	2193	11555	14905	2251	797	548	652	674	1926	7598
25	3686	30581	2161	10455	11039	2161	919	553	645	673	1853	7351
26	3493	26885	2110	9734	12166	2114	866	557	623	658	1876	6468
27	3416	23969	2101	9014	11301	2066	850	548	616	702	1837	6265
28	2774	18816	2135	12056	11246	1976	852	611	609	794	1766	6079
29	2319		2747	14691	10450	1890	854	814	632	825	1695	6132
30	1835		3530	16541	9653	1886	888	773	640	893	1687	4850
31	1649		3727		8485		940	715		985		4294
MEAN	7654	9817	5154	10999	17496	6475	1141	726	729	681	1250	12339
MAX	14515	30581	15186	16822	28167	21244	2202	1010	888	985	2074	34838
MIN	1649	1329	2101	5153	8485	1886	728	548	609	587	760	1867

TOTAL DISCHARGE FOR YEAR WAS 2259566 MEAN DISCHARGE FOR YEAR WAS 6190

MAXIMUM DISCHARGE WAS 34,838 CFS ON DEC. 10.
MINIMUM DISCHARGE WAS 548 CFS ON AUG. 27.

DAILY DISCHARGE FOR 1990

HATCHIE RIVER AT RIALTO, TENN.

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2531	6062	6611	6425	13424	6518	1039	626	489	459	570	1284
2	3242	8559	6136	5182	11678	6734	993	585	477	459	571	1304
3	3397	11903	5507	4360	10531	6274	902	586	478	459	555	2089
4	3357	22081	5331	3656	9010	5821	838	586	478	1189	539	2280
5	3228	26988	5155	3469	8238	5210	817	570	477	1288	540	2370
6	3176	27876	4473	3122	7622	4635	775	570	475	1188	541	2464
7	3117	29056	4203	2999	7895	4207	754	588	462	1139	559	2358
8	3719	29067	4818	2942	7589	3847	754	589	461	928	543	1955
9	4013	28217	7558	2821	6702	3561	694	589	460	819	543	1727
10	4804	31917	10037	2829	6249	3187	677	590	458	798	781	1590
11	4986	31263	10065	2773	5796	2930	678	539	457	755	957	1430
12	5491	30609	9717	2781	5189	2744	1794	540	467	711	1146	1277
13	5729	26825	8529	2854	4798	2688	1935	557	465	711	1197	1151
14	6205	26895	7814	2863	4611	2140	1684	541	475	693	1198	1055
15	6438	19601	8777	2806	4323	1836	1445	542	474	693	1199	985
16	6298	18160	9463	2750	3711	1728	1169	542	461	642	1225	986
17	6157	16720	9774	3824	3505	1517	1220	517	459	608	1105	986
18	6038	16282	9336	4491	3139	1314	1195	529	482	557	988	3227
19	5920	15454	9272	4839	2682	1317	1053	544	482	573	897	4067
20	5669	13747	7519	4864	3008	1321	896	544	505	592	791	4812
21	5557	10894	6624	5359	3422	1324	879	545	505	610	759	7531
22	5417	10188	6366	5473	4175	1400	883	531	505	594	727	20240
23	5261	9483	6329	5398	4767	1805	759	531	494	612	697	27782
24	4726	8298	5900	5513	4959	2093	700	520	494	664	689	24787
25	4297	7928	5910	6292	4758	2144	687	520	482	665	681	21262
26	3526	7592	5497	6205	4748	1836	729	521	470	666	673	14513
27	3251	7256	5507	5972	5497	1616	755	510	470	701	897	11133
28	3644	6919	5516	8044	6348	1405	768	499	470	702	1008	10388
29	4290		5733	10617	7670	1180	738	499	470	669	1074	10019
30	4711		5964	13009	7943	1109	730	499	459	636	1289	9275
31	5279		6415		7347		684	500		620		14106
MEAN	4628	18065	6963	4817	6172	2848	955	546	475	722	831	6788
MAX	6438	31917	10065	13009	13424	6734	1935	626	505	1288	1289	27782
MIN	2531	6062	4203	2750	2682	1109	677	499	457	459	539	985

TOTAL DISCHARGE FOR YEAR WAS 1605083 MEAN DISCHARGE FOR YEAR WAS 4397

MAXIMUM DISCHARGE WAS 31,917 CFS ON FEB. 10.
MINIMUM DISCHARGE WAS 457 CFS ON SEP. 11.

DAILY DISCHARGE FOR 1989

HATCHIE RIVER AT RIALTO, TENN.

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	11135	6722	13861	7707	1259	2667	6268	3663	1167	2344	1287	4341
2	9393	6267	13073	9772	1329	2783	8300	3704	1183	2558	1125	4243
3	8505	6432	11662	12278	1476	2882	12998	3638	1129	2484	1079	4235
4	8208	6368	9997	11382	1620	3009	15799	3446	1044	2396	1039	4207
5	8085	6097	9844	9758	1743	3213	14565	2934	981	2360	1026	3909
6	8687	5866	11586	9047	1833	3367	10591	2197	940	2379	1182	3561
7	8715	5794	13711	8668	1879	3117	8633	1914	884	2418	1406	3474
8	9372	5646	14223	7940	1845	1983	7762	1851	868	2468	1369	3268
9	9326	5384	11927	7353	1788	1996	7198	1811	866	2554	1428	3231
10	9576	5122	10619	6904	1749	2328	7157	1705	870	2616	1931	1866
11	9418	4822	11392	6508	1775	2365	7066	1509	737	2894	2803	1672
12	9927	4592	11696	6015	1824	2260	6757	1344	735	3075	3096	1657
13	11335	4347	11116	5729	1871	2527	6402	1212	741	3358	3688	1595
14	13870	7250	9794	5454	1891	2759	6070	1114	755	3665	3697	1628
15	22065	11954	8716	5369	1884	2967	5870	1039	1053	3803	3730	1718
16	26053	18670	7892	5304	1833	3211	5805	974	1043	4091	3932	1707
17	27263	20790	7105	5200	1750	3402	5816	922	1043	4616	3976	1584
18	29878	17791	6595	5039	1682	3549	5826	886	1057	4891	4060	1533
19	32193	14021	6177	4769	1643	5596	6181	902	1082	3901	3903	1509
20	31163	12237	5774	4492	1610	13380	5733	858	1124	3223	3666	1441
21	27144	15185	5562	4197	1555	15457	5401	824	1258	2702	3549	1429
22	22023	18847	5350	3923	1668	14050	5165	840	1198	2514	3437	1389
23	17372	23337	5043	3661	1705	12227	5023	795	1101	2123	3370	1369
24	13689	25349	4792	3311	1807	10456	4757	768	846	2074	3454	1362
25	10973	23939	4493	2743	1907	9365	4345	760	821	2183	3564	1337
26	9281	21027	4013	2018	1962	8433	3999	782	960	2266	3642	1337
27	8304	18254	3614	1694	2330	7725	3784	805	991	2217	3811	1353
28	7672	15705	3281	1509	2357	8060	3699	927	1094	1996	3895	1374
29	7272		4394	1434	2400	7642	3671	1084	1228	1967	4147	1369
30	7220		5280	1331	2478	7136	3649	1169	2223	1362	4219	1367
31	7085		6107		2563		3640	1169		1312		2203
MEAN	14264	12064	8344	5683	1839	5663	6707	1533	1034	2735	2883	2202
MAX	32193	25349	14223	12278	2563	15457	15799	3704	2223	4891	4219	4341
MIN	7085	4347	3281	1331	1259	1983	3640	760	735	1312	1026	1337

TOTAL DISCHARGE FOR YEAR WAS 1962230 MEAN DISCHARGE FOR YEAR WAS 5375

MAXIMUM DISCHARGE WAS 32,193 CFS ON JAN. 19.
MINIMUM DISCHARGE WAS 735 CFS ON SEP. 12.

HATCHIE RIVER AT RIALTO, TENN.

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	17054	6081	3260	2081	2791	1108	216	607	281	2029	713	8847
2	15122	6233	3178	2427	2668	883	210	598	285	3000	834	7539
3	13295	6495	3095	2628	2338	761	207	537	301	3849	883	6511
4	11693	6924	2864	2691	1813	681	210	648	301	3923	856	5910
5	10090	7719	2592	2688	1400	624	223	826	313	3214	830	5428
6	8759	7073	2351	2646	1185	581	235	930	421	2700	781	5062
7	7464	5994	2242	2628	1075	550	250	881	511	2297	732	4762
8	6290	5103	2297	2640	999	522	312	746	464	1937	702	4524
9	5320	4488	2555	2684	944	501	341	624	409	1428	697	4358
10	4542	4115	2672	2732	903	484	352	536	377	1025	710	4249
11	4044	3844	2713	2773	861	462	351	476	356	835	705	4125
12	3916	3643	2716	2813	830	447	362	434	345	735	693	3948
13	3837	3574	2710	2866	801	432	1797	403	346	673	692	3676
14	3759	3584	2694	2898	797	418	1938	381	352	626	676	3103
15	3553	4072	2697	2886	802	411	2072	364	356	587	677	2359
16	3210	4317	2700	2814	778	398	1969	351	598	561	764	1654
17	3152	4428	2711	2717	734	392	1636	341	932	537	873	1304
18	3158	4385	2755	2604	696	386	1248	355	799	513	896	1158
19	3164	4506	2816	2515	664	374	1010	357	646	497	2960	1079
20	4408	4352	2888	2550	636	363	968	349	585	489	9753	1030
21	7926	4155	2952	2651	617	356	1034	330	589	483	11709	1249
22	9586	4044	2941	2696	625	318	1122	306	605	487	10154	2136
23	10872	3890	2867	2707	648	271	877	316	621	519	10315	2762
24	10290	3740	2721	2720	749	263	717	348	1345	548	9586	3449
25	9665	3682	2471	2759	683	254	767	372	2443	563	8183	4491
26	9117	3633	2083	2790	726	247	1093	370	2880	565	7923	5760
27	8568	3589	1711	2817	916	239	1221	347	3208	570	8239	6656
28	8019	3534	1486	2846	1157	232	1114	322	3064	634	8753	9363
29	7469	3352	1417	2870	1348	228	875	304	2214	654	10713	10431
30	6922		1415	2851	1452	224	717	294	1263	651	10489	12005
31	6450		1783		1382		645	288		647		12001
MEAN	7442	4639	2527	2699	1097	447	841	462	907	1218	4083	4868
MAX	17054	7719	3260	2898	2791	1108	2072	930	3208	3923	11709	12005
MIN	3152	3352	1415	2081	617	224	207	288	281	483	676	1030

TOTAL DISCHARGE FOR YEAR WAS 950868 MEAN DISCHARGE FOR YEAR WAS 2598

MAXIMUM DISCHARGE WAS 17,906 CFS ON JAN. 1.
MINIMUM DISCHARGE WAS 207 CFS ON JUL. 3.

DAILY DISCHARGE FOR 1987

HATCHIE RIVER AT RIALTO, TENN.

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	3741	2195	9173	2626	1935	1769	1936	432	354	311	486	3351
2	3637	2393	13886	2436	1449	1801	1804	413	349	303	464	3517
3	3590	2491	16065	2245	1252	1826	1784	399	337	304	449	3476
4	3579	2559	14825	2109	1129	1817	1770	386	326	300	437	3055
5	3622	2606	16929	2022	1035	1676	1659	379	318	290	432	2285
6	3679	2628	19018	1970	972	1434	1435	378	312	282	421	1735
7	3697	2617	19031	1927	928	1209	1228	377	327	277	413	1494
8	3650	2554	17693	1884	907	1016	1172	379	334	273	405	1135
9	3532	2477	12790	1811	880	872	1196	380	347	270	449	1005
10	3324	2402	10953	1712	843	773	1198	368	326	266	662	927
11	2852	2315	9390	1601	808	702	1111	356	314	261	833	875
12	2210	2186	8243	1489	781	662	979	349	307	257	970	826
13	1759	1982	7229	1506	746	639	871	345	331	255	1075	792
14	1516	1769	6611	2289	733	600	808	339	340	258	1075	784
15	1415	1615	5945	2663	722	582	757	337	407	262	1070	1565
16	1350	1581	5388	2960	735	588	702	355	462	264	1350	1765
17	1304	1693	4911	3098	809	612	653	375	501	264	2128	1564
18	1275	1824	5205	3044	810	633	612	377	501	270	1934	1190
19	1257	1902	4897	2813	774	652	584	371	464	278	1639	1024
20	1260	1956	4627	2679	748	715	561	358	427	290	1364	1030
21	1300	2026	4159	2673	732	826	528	360	399	289	1131	991
22	1389	2147	3889	2742	710	964	503	390	377	290	1000	925
23	1501	2426	3859	2905	720	1051	585	371	362	295	914	880
24	1619	2711	3450	3094	992	1031	941	348	350	305	842	1374
25	1723	2956	2947	3274	1693	1145	1248	336	341	312	1104	9306
26	1812	3377	2616	3439	1882	1352	915	329	332	610	1441	27121
27	1896	5093	2616	3476	1416	1375	809	324	324	872	1739	40437
28	1962	7007	2670	3471	1303	1295	608	323	316	697	2288	38774
29	2021		2702	3300	1372	1302	508	319	314	564	2743	27694
30	2074		2726	2709	1470	1410	470	322	313	540	3065	20370
31	2131		2722		1590		448	341		514		18086
MEAN	2312	2553	7973	2532	1060	1077	980	361	360	349	1144	7075
MAX	3741	7007	19031	3476	1935	1826	1936	432	501	872	3065	40437
MIN	1257	1581	2616	1489	710	582	448	319	307	255	405	784

TOTAL DISCHARGE FOR YEAR WAS 848412 MEAN DISCHARGE FOR YEAR WAS 2324

MAXIMUM DISCHARGE WAS 41,691 CFS ON DEC. 27.
MINIMUM DISCHARGE WAS 241 CFS ON OCT. 17

HATCHIE RIVER AT RIALTO, TENN.

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	999	842	2421	4044	840	1373	1217	439	378	374	889	2964
2	1011	820	2509	3996	866	1515	954	415	430	363	800	2845
3	1031	801	2599	3945	892	1618	859	395	536	357	711	2851
4	1057	819	2695	3814	859	1812	871	375	605	350	642	2867
5	1087	837	2772	3636	815	2289	913	359	605	346	704	2882
6	1107	888	2777	3238	777	2685	940	348	573	339	701	2932
7	1092	937	2480	2886	750	3214	932	339	540	341	619	3224
8	1067	1024	1880	2685	739	3749	879	335	518	353	1410	3694
9	1040	1135	1433	2479	748	3970	809	322	502	358	1990	4899
10	1016	1234	1241	2174	697	4268	735	321	491	348	2361	5844
11	993	1293	1147	1840	824	5390	676	393	493	339	2803	6424
12	974	1280	1606	1588	907	5231	630	451	482	333	3325	7644
13	965	1202	1658	1412	817	4712	591	472	456	330	3543	7840
14	952	1268	1578	1283	787	4351	562	477	437	327	3467	6934
15	939	1650	1642	1182	819	4203	549	476	429	332	3328	6401
16	925	1956	1758	1112	892	4311	634	483	432	349	3254	8240
17	910	2135	1863	1066	913	4467	657	552	445	366	3234	12764
18	899	2167	1987	1038	1137	4841	650	516	451	374	3285	13506
19	900	2185	2115	1008	916	5329	642	477	454	380	3332	12186
20	922	2199	2283	1005	768	5633	657	455	466	379	3355	10484
21	961	2173	2522	1082	703	5628	649	445	503	367	3331	8908
22	1019	2130	2757	1042	1049	5409	607	467	584	356	3315	7546
23	1082	2116	2931	1040	1678	5022	561	488	573	347	3333	6909
24	1132	2133	3077	1068	1459	4692	523	470	536	379	3391	6585
25	1137	2174	3222	1066	1947	4418	491	440	517	501	3522	6207
26	1104	2234	3357	1034	2115	4117	487	418	489	556	3631	5942
27	1062	2299	3558	980	1902	3722	643	448	462	551	3610	5589
28	1001	2357	3762	937	1754	2976	748	410	439	607	3524	5176
29	945		3904	890	1543	1894	602	388	414	730	3354	4728
30	902		4034	855	1374	1198	517	377	390	856	3176	4301
31	867		4112		1317		471	375		917		3911
MEAN	1003	1581	2505	1847	1084	3801	698	423	487	425	2598	6233
MAX	1137	2357	4112	4044	2115	5633	1217	552	605	917	3631	13506
MIN	867	801	1147	855	697	1198	471	321	378	327	619	2845

TOTAL DISCHARGE FOR YEAR WAS 689916 MEAN DISCHARGE FOR YEAR WAS 1890

MAXIMUM DISCHARGE WAS 13,814 CFS ON DEC. 18.
MINIMUM DISCHARGE WAS 317 CFS ON AUG. 10.

HATCHIE RIVER AT RIALTO, TENN.

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	5663		7318	3769	4839	1422	1309	989	1669	977	1414	4979
2	5859		6625	4240	5480	1253	1464	1023	1452	1203	1497	5113
3	5906		6154	4423	5519	1152	1566	925	1274	1233	1497	5146
4	5800		5952	3999	5237	1054	1629	793	1193	1121	1476	5020
5	5553		5927	3372	5164	947	1648	696	1113	998	1508	4788
6	5306	3825	5951	3095	5373	847	2174	687	1034	958	1545	4485
7	5065		6071	2820	5599	767	2424	626	957	936	1567	4204
8	4961		6183	2687	5715	704	2559	556	879	867	1555	3948
9	4736		5996	2626	5770	652	2086	528	813	794	1500	3704
10	4658		5710	2588	5961	621	1703	523	848	734	1410	3444
11	4590		5382	2537	6058	665	1415	555	973	686	1301	3727
12	4405		4931	2451	5989	998	1083	604	894	647	1206	4319
13	4163		4468	2229	5923	1096	893	551	786	616	1114	4485
14	3914		3980	1999	5896	885	786	502	788	593	1036	4223
15	3653	7029	3388	1799	5637	793	718	487	761	576	979	3526
16	3472	7236	2782	1662	5309	759	678	537	680	577	946	2700
17	3691	7555	2258	1591	4928	786	628	688	606	630	996	2107
18	3862	7796	1915	1576	4599	1073	589	785	555	685	1068	1857
19	3940	8121	1743	1591	4339	1272	559	836	515	744	1188	1710
20		8250	1620	1631	4076	1521	537	938	486	802	1285	1571
21		8279	1553	1677	3845	1491	543	1099	463	856	1382	1453
22		8244	1657	1700	4185	1388	570	1243	445	947	1484	1356
23		8298	1777	1890	5064	1464	562	1356	432	1051	1570	1282
24		9340	1858	3535	5072	1590	524	1449	418	1123	1650	1227
25		9525	1878	4226	4106	1519	493	1536	415	1286	1720	1190
26		9669	1858	4796	3308	1341	534	1631	512	1435	1802	1163
27		9138	1893	4934	2745	1242	783	1764	612	1489	2788	1131
28		8153	1965	4734	2312	1227	698	1823	583	1488	3420	1101
29			2064	4219	2444	1290	620	1768	620	1483	3971	1064
30			2138	3843	2161	1230	656	1714	681	1460	4530	1028
31			3136		1746		810	1705		1400		996
MEAN			3746	2941	4658	1101	1072	997	781	980	1680	2840
MAX			7318	4934	6058	1590	2559	1823	1669	1489	4530	5146
MIN			1553	1576	1746	621	493	487	415	576	946	996

MAXIMUM DISCHARGE WAS NOT DETERMINED.
MINIMUM DISCHARGE WAS 407 CFS ON SEP. 25.

DAILY DISCHARGE FOR 1984

HATCHIE RIVER AT RIALTO, TENN.

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4872	3046	2720	7973	9201	2627	832	629	541	437	2296	4442
2	4714	3086	2515	7314	10666	1909	894	685	507	432	2981	4502
3	4556	3237	2361	7464	12303	1521	970	683	557	427	3155	4483
4	4400	3335	2722	7162	15827	1327	1004	652	623	423	3257	4455
5	4264	3375	6567	7248	20657	1173	998	619	658	410	3241	4537
6	4144	3354	8237	7606	22193	1051	1000	631	629	384	3215	4739
7	4042	3236	8326	7973	21739	981	821	647	626	362	3150	4682
8	3939	2988	8314	7935	21337	895	711	651	594	340	3049	4524
9	3836	2625	7712	7872	21497	831	652	647	652	343	2926	4302
10	3734	2266	6852	7487	20598	773	627	629	625	464	4361	4076
11	3631	1995	6113	7090	18277	728	635	601	561	663	4682	3854
12	3573	2169	5757	6703	16072	691	691	586	554	762	4689	3601
13	3515	2865	5624	6299	14752	698	698	579	568	820	4469	3382
14	3457	2685	5460	5899	13353	776	709	589	611	793	4122	3039
15	3399	2485	5306	5566	11780	651	684	613	723	702	3834	2563
16	3341	2419	5459	5263	10325	609	825	618	726	668	3557	2055
17	3283	2399	5915	4914	9153	582	806	600	676	989	3389	1714
18	3225	2445	6412	4658	8259	562	1024	579	627	599	4453	1566
19	3169	2833	6648	4400	7555	564	1185	572	578	848	5675	1471
20	3132	3095	6886	4284	6979	576	828	571	535	965	5775	1799
21	3078	3251	6688	4567	6556	588	619	565	508	1289	5680	3202
22	3030	3308	6173	5880	6233	576	665	573	492	1345	5432	4334
23	3043	3268	5696	5581	5953	581	735	581	480	1993	5078	5172
24	3676	3152	5583	5859	5880	891	737	555	473	2708	4642	5622
25	3786	2998	5864	6078	5814	1111	672	539	466	2580	4217	5575
26	3980	2800	6382	5793	5509	1007	613	526	493	2449	3977	5068
27	4013	2886	7119	5488	5023	842	566	512	473	2258	3969	4697
28	3708	2978	8085	5842	4821	807	535	498	461	2105	3996	4603
29	3369	2897	8624	6560	4259	829	526	588	447	2034	4090	4725
30	3138		8909	7681	3837	829	551	631	441	2035	4260	4994
31	3048		8688		3319		572	591		2082		5348
MEAN	3680	2878	6248	6347	11281	919	754	598	563	1119	4053	3971
MAX	4872	3375	8909	7973	22193	2627	1185	685	726	2708	5775	5622
MIN	3030	1995	2361	4284	3319	562	526	498	441	340	2296	1471

TOTAL DISCHARGE FOR YEAR WAS 1297322 MEAN DISCHARGE FOR YEAR WAS 3544

MAXIMUM DISCHARGE WAS 22,375 CFS ON MAY 6.
MINIMUM DISCHARGE WAS 327 CFS ON OCT. 9.

HATCHIE RIVER AT RIALTO, TENN.

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	27997	4059	4847	2203	12061	9479	1303	596	459	400	558	2902
2	30268	4976	4424	2277	14371	8585	1395	581	450	394	535	3526
3	28080	5390	4080	2627	16267	7754	1249	569	446	384	519	5349
4	23217	5723	3794	2825	13778	7093	1190	560	444	378	542	6371
5	18562	5828	4802	3720	10864	6622	1181	554	441	385	540	7491
6	14997	5856	8221	4480	8628	6293	1169	551	437	384	553	11490
7	12588	5592	8936	5183	7424	6073	1109	548	435	380	559	13154
8	10927	5301	8058	6525	6912	5735	1021	546	434	377	576	12720
9	9907	5066	7061	8269	6520	5417	926	547	434	378	601	12377
10	9070	5083	6014	9255	6247	5045	858	568	433	379	615	14788
11	8363	5411	5198	9237	6055	4512	829	577	431	380	602	17045
12	7760	5820	4820	12744	7814	3949	806	582	436	381	580	16550
13	7184	6774	4808	16045	9369	3433	759	597	433	384	556	14957
14	6634	7617	5402	16807	9884	2903	719	587	421	390	537	13085
15	6145	7870	7380	15649	15159	2323	692	561	413	410	547	11375
16	5731	7883	8470	14321	22257	1770	678	588	408	441	545	10158
17	5300	8018	7906	12118	23260	1497	673	644	401	487	558	9215
18	4918	8321	7079	10213	18528	1382	675	646	388	567	604	8395
19	4499	8458	6301	8874	18926	1313	668	606	377	592	729	7740
20	4161	8279	5720	7969	19428	1249	664	561	369	590	1440	7456
21	3989	7821	5173	7180	18035	1216	685	525	362	576	1317	7190
22	4092	7438	4822	6650	19003	1198	747	506	360	585	1212	6932
23	4614	7069	4466	7283	20826	1233	812	493	360	625	2420	6664
24	4769	6661	4127	8925	23587	1425	822	486	364	649	3622	6406
25	4566	6291	3771	10130	26426	1462	776	480	381	626	4159	6181
26	4039	5950	3421	9569	26170	1256	714	475	423	635	3852	5959
27	3549	5582	3052	8058	22136	1135	673	483	464	666	3343	5738
28	3207	5211	2734	7082	17479	1080	653	499	460	698	3256	5514
29	3239		2557	6487	14364	1035	647	498	432	691	3036	5296
30	3504		2424	8212	12141	1047	624	487	410	641	2955	5111
31	3681		2310		10541		612	477		594		4932
MEAN	9340	6405	5231	8363	14982	3483	849	547	416	498	1382	8776
MAX	30268	8458	8936	16807	26426	9479	1395	646	464	698	4159	17045
MIN	3207	4059	2310	2203	6055	1035	612	475	360	377	519	2902

TOTAL DISCHARGE FOR YEAR WAS 1835769 MEAN DISCHARGE FOR YEAR WAS 5029

MAXIMUM DISCHARGE WAS 30,596 CFS ON JAN. 2.
MINIMUM DISCHARGE WAS 357 CFS ON SEP. 23.

HATCHIE RIVER AT RIALTO, TENN.

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1373	6304	3520	4545	6859	3487	1006	925	688	551	497	2409
2	1383	7286	3058	4558	6229	3967	1368	941	636	533	504	2472
3	1934	8725	2615	4774	5687	4540	1673	982	629	498	510	2911
4	2609	8661	2274	4815	5179	4855	1491	981	677	478	503	5780
5	2731	7948	2098	5054	4756	4851	1248	997	646	453	502	6517
6	3059	7143	2007	5218	4347	4609	1183	949	599	439	513	8663
7	3353	6514	1974	5125	4049	4223	1223	834	564	434	511	13904
8	3514	6077	1973	5208	3696	3697	1203	729	552	442	502	15159
9	3338	6819	2007	5354	3323	2961	1153	781	529	462	498	13776
10	3150	6769	2024	5455	2916	2227	1227	942	502	501	495	12475
11	3091	7595	2015	5693	2410	1756	1369	1094	477	596	500	11664
12	3153	8904	1973	5840	2003	1445	1312	1181	478	737	507	10886
13	3257	8581	1859	5776	1805	1264	1110	1191	633	908	514	10145
14	3356	8146	1770	5915	1732	1130	946	1191	535	1014	527	9545
15	3492	7579	1919	6064	1756	1056	877	1244	549	1002	547	10471
16	3844	7004	2174	6792	1735	1341	842	1308	704	925	575	10806
17	4245	6536	2333	8530	1616	1405	804	1360	839	857	590	12260
18	4703	6241	2287	9986	1449	1259	757	1414	864	824	623	12914
19	5193	6097	2167	15711	1313	1098	715	1441	907	794	685	11721
20	5781	6020	2098	13865	1222	1037	696	1452	948	742	719	10365
21	6283	5951	2096	10479	1221	996	702	1457	987	678	739	9425
22	6442	5808	2144	9208	1233	957	678	1429	997	627	773	8742
23	7494	5480	2318	8055	1463	920	695	1308	949	601	907	8352
24	7515	5096	2640	7186	1704	883	711	1102	856	572	968	7830
25	7176	4691	3057	6663	2048	837	759	940	761	546	967	9393
26	6348	4321	3619	6527	2544	808	744	846	684	529	1067	11823
27	5900	4043	4178	6524	3030	837	734	765	630	515	1301	15706
28	5590	3785	4557	6898	3142	783	705	698	594	516	1951	20233
29	5325		4753	7508	3066	795	689	663	565	529	2100	22468
30	5285		4825	7495	3051	912	728	674	553	530	2291	22234
31	5932		4696		3172		834	689		509		25061
MEAN	4382	6575	2678	7027	2895	2031	973	1048	684	623	796	11487
MAX	7515	8904	4825	15711	6859	4855	1673	1457	997	1014	2291	25061
MIN	1373	3785	1770	4545	1221	783	678	663	477	434	495	2409

TOTAL DISCHARGE FOR YEAR WAS 1247074 MEAN DISCHARGE FOR YEAR WAS 3416

MAXIMUM DISCHARGE WAS 27,802 CFS ON DEC. 31.
MINIMUM DISCHARGE WAS 420 CFS ON OCT. 6.

HATCHIE RIVER AT RIALTO, TENN.

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	846	1066	2118	2501	1772	3759	1091	995	597	398	787	848
2	832	1434	2058	2692	1727	4165	955	887	849	391	757	1136
3	824	1771	1937	2676	1612	4897	981	769	1122	398	700	1323
4	821	1896	1842	2606	1492	5393	1203	691	1215	410	638	1430
5	822	1909	1926	2584	1408	6286	1110	646	1119	407	598	1483
6	821	1901	2108	2597	1340	10649	1321	645	1001	401	575	1535
7	817	1913	2298	2705	1234	12078	1300	622	986	396	561	1589
8	830	1957	2350	2918	1114	12307	1193	602	1016	392	551	1655
9	879	2021	2272	3255	1035	12063	1107	591	1020	384	548	1710
10	929	2151	2181	3711	1020	10662	1095	565	954	383	550	1763
11	959	2342	2140	4302	969	9399	1149	541	813	391	553	1822
12	982	2466	2142	4930	946	8467	1209	530	674	392	547	1869
13	981	2620	2178	5295	955	7658	1247	528	591	393	540	1901
14	942	2660	2215	5237	1148	6981	1216	514	549	397	536	1918
15	886	2703	2248	4954	1131	6465	1072	495	527	402	533	1880
16	843	2785	2276	4635	1122	6025	939	480	514	410	531	1605
17	825	2923	2277	4299	1141	5572	869	469	494	481	524	1188
18	815	3055	2234	3972	1165	5068	829	462	485	729	519	959
19	810	3174	2048	3697	1166	4577	777	459	494	878	521	872
20	802	3252	1780	3479	1154	3712	742	456	528	997	519	837
21	791	3292	1525	3248	1191	2535	977	456	545	1024	521	858
22	786	3244	1366	2930	1278	1901	1057	458	537	984	527	915
23	808	3060	1293	2546	1379	1532	1181	465	511	999	535	1083
24	855	2730	1291	2138	1469	1312	1203	473	486	1034	540	1345
25	913	2503	1318	1889	1561	1180	1161	490	467	1027	544	1487
26	971	2326	1349	1783	1873	1076	1292	518	451	957	554	1522
27	1004	2202	1393	1745	2314	1169	1352	532	440	863	564	1534
28	994	2140	1441	1732	2079	1373	1220	529	427	821	561	1543
29	966		1575	1738	2009	1334	1093	525	417	798	560	1542
30	943		2027	1761	2127	1187	1030	541	407	792	650	1510
31	951		2282		3456		1033	550		788		1438
MEAN	878	2410	1918	3151	1464	5359	1096	564	674	629	571	1422
MAX	1004	3292	2350	5295	3456	12307	1352	995	1215	1034	787	1918
MIN	786	1066	1291	1732	946	1076	742	456	407	383	519	837

TOTAL DISCHARGE FOR YEAR WAS 607441 MEAN DISCHARGE FOR YEAR WAS 1664

MAXIMUM DISCHARGE WAS 12,574 CFS ON JUN. 8.
MINIMUM DISCHARGE WAS 365 CFS ON OCT. 9.

HATCHIE RIVER AT RIALTO, TENN.

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	7762	3717	2967	9413	4894	1876	2267	699	412	630	889	2539
2	8523	3756	2808	8585	4641	1596	2270	688	414	660	915	2334
3	8732	3810	2588	8522	4398	1427	2369	678	424	691	915	2139
4	8292	3855	2394	8810	4137	1391	2393	663	462	735	858	1973
5	7702	3885	2306	8854	3854	1439	2344	633	484	752	763	1834
6	7198	3914	2188	8425	3630	1485	2295	609	483	719	689	1660
7	6727	3863	2192	7818	3386	1496	2148	591	472	664	647	1457
8	6350	3805	2320	8580	3084	1444	1804	578	468	608	617	1356
9	6008	3738	2273	8884	2811	1328	1369	586	432	563	597	2114
10	5652	3669	2173	9093	2511	1190	1071	603	407	532	589	2071
11	5551	3619	2148	8494	2323	1085	919	577	407	512	587	2094
12	5162	3554	2244	8421	2211	1023	837	548	410	497	588	2030
13	4868	3471	2397	10289	2233	988	777	544	413	485	590	1850
14	4711	3384	2630	14298	2398	962	731	539	415	475	599	1645
15	4531	3627	2967	16011	2436	923	698	534	418	466	602	1466
16	4329	4308	3756	14730	2349	871	666	529	420	457	611	1317
17	4159	4421	7090	12383	2232	804	640	524	418	626	1416	1196
18	4045	4472	10808	11128	2157	758	617	520	409	652	1821	1114
19	4143	4351	14199	11011	2051	792	597	515	419	577	2078	1046
20	4545	4268	17694	10856	1959	789	578	511	436	564	2193	995
21	4761	4250	25977	9874	1904	750	561	508	453	608	2224	954
22	4660	4252	36736	8913	1910	827	561	502	532	656	2194	923
23	4581	4215	44005	8136	1978	1126	618	491	638	679	2179	889
24	4416	4086	45225	7452	2097	3091	799	479	621	657	2182	863
25	4252	3862	40474	6902	2244	3958	824	467	687	624	2193	847
26	4082	3664	34203	6608	2380	3948	806	456	700	585	2247	843
27	3806	3479	25544	6429	2535	3445	799	444	721	666	2559	851
28	3738	3249	19845	6204	2593	2904	833	433	683	822	2664	867
29	3691	3090	15680	5817	2539	2460	829	430	637	948	2720	896
30	3673		13215	5334	2383	2329	782	426	629	936	2694	916
31	3687		11017		2163		730	416		902		913
MEAN	5301	3849	12969	9209	2723	1616	1146	539	497	643	1414	1419
MAX	8732	4472	45225	16011	4894	3958	2393	699	721	948	2720	2539
MIN	3673	3090	2148	5334	1904	750	561	416	407	457	587	843

TOTAL DISCHARGE FOR YEAR WAS 1260771 MEAN DISCHARGE FOR YEAR WAS 3444

MAXIMUM DISCHARGE WAS 45,668 ON MAR. 24.
MINIMUM DISCHARGE WAS 403 ON SEP. 1.

DAILY DISCHARGE FOR 1979

HATCHIE RIVER AT RIALTO, TENN.

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	3831	8828	7699	7167	4699	3306	1847	1978	1347	5834	1020	22868
2	4355	8747	7194	18854	4383	3243	1925	1982	1508	5579	1008	24649
3	4842	7694	8318	26157	4405	3184	1937	2022	1598	5381	1107	21990
4	5055	6672	11190	27389	7261	3460	1820	2098	1575	5262	1245	18036
5	4853	6179	12980	18839	13961	4257	1571	2183	1580	5063	1304	13959
6	4601	5693	12697	15064	22938	4887	1337	2211	1627	4848	1333	10946
7	5137	5351	11352	16236	19839	4735	1190	2111	1696	4565	1327	8914
8	6935	5077	9965	20171	13650	4230	1158	1869	1795	4254	1311	7401
9	9032	4971	8726	20181	10300	3951	1288	1638	1899	3904	1280	6644
10	8203	4967	8936	17526	10282	3958	1551	1467	1954	3619	1263	6034
11	7102	4643	9301	14710	11773	4011	1592	1358	1784	3239	1360	5528
12	6280	3994	9622	14586	12544	3873	1570	1337		2529	1479	5328
13	5325	4071	8956	17737	12087	3641	1815	1340		1801	1558	6914
14	5131	4056	8005	20478	11377	3453	1986	1265		1288	1611	6713
15	5337	4043	7265	17493	9441	3247	2047	1154		1099	1666	7114
16	5656	3727	6746	14089	7836	3028	2089	1098		1027	1731	7414
17	5628	3501	6247	11918	7055	2786	2132	1047		980	1762	6714
18	5418	3360	5747	13548	6482	2368	2190	984		941	1793	5780
19	5768	3260	5881	15373	5922	1822	2246	918		908	1809	5092
20	7091	3208	6445	14027	5484	1375	2313	860		876	1781	4810
21	8248	3409	5879	11710	5142	1203	2370	824		854	1719	4750
22	9548	3605	5178	9876	5493	1367	2419	865		855	2817	4881
23	9823	5420	6111	9414	5952	1483	2474	837		872	4385	5311
24	9611	7371	6223	8315	6102	1491	2528	787	8135	855	4797	6631
25	9078	10329	6234	7395	5907	1632	2575	803	8815	847	5148	6990
26	9139	10403	6347	6833	5311	1719	2619	879	8590	860	5907	7735
27	8305	9359	6370	6205	4618	1694	2693	1124	7958	881	6637	7890
28	7713	8387	6323	5698	3957	1660	2471	1461	7231	901	9014	7125
29	8957		6330	5360	3574	1692	2150	1562	6677	911	12072	6461
30	10153		6193	5010	3419	1762	2007	1467	6192	887	15822	5985
31	9676		6084		3347		1980	1400		927		6086
MEAN	6962	5725	7759	13911	8211	2817	1996	1384	???	2343	3235	8796
MAX	10153	10403	12980	27389	22938	4887	2693	2211		5834	15822	24649
MIN	4355	3208	5178	5010	3347	1203	1158	787		847	1008	4750

MAXIMUM DISCHARGE WAS 29,622 ON APR. 4.
MINIMUM DISCHARGE WAS 772 ON AUG. 25.

HATCHIE RIVER AT RIALTO, TENN.--CONTINUED

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2850	9060	1970	4140	2500	2460	1810	601	517	426	504	950
2	2460	8640	1950	3760	2540	2010	1710	578	517	430	502	956
3	2170	8830	2610	3450	2690	1730	1390	567	515	433	495	1020
4	1940	8880	3410	3280	2830	1600	1090	821	508	437	495	2390
5	1890	8830	4080	3080	2910	1530	925	767	504	447	492	2540
6	1870	8830	4500	2870	2900	1440	837	583	499	449	492	2810
7	2140	9160	4440	2640	4970	1440	775	562	493	446	495	3480
8	2780	9720	4100	2360	11200	1490	769	558	487	441	495	6900
9	5750	10400	3540	2050	13100	1390	741	554	483	439	497	11300
10	6660	10400	3350	1770	13100	1250	888	548	474	433	502	18500
11	6190	9720	3250	1650	11400	1290	1050	546	464	431	507	22400
12	5300	9020	3200	1550	17100	1430	1250	536	456	430	512	15600
13	4690	6150	3180	1500	32100	1570	1300	533	453	429	515	12500
14	4010	5100	3520	1490	35600	1690	1670	524	472	428	517	12200
15	3570	4880	4850	1530	31300	1810	1970	520	466	426	519	11700
16	3440	4580	5750	1600	24100	1910	2100	521	489	427	524	11100
17	4370	4180	6220	1690	17800	2010	1910	520	500	436	627	10500
18	4800	3480	6800	1770	13300	2080	1480	512	538	445	621	9210
19	4850	3110	6800	1820	11100	2140	1200	516	553	453	662	7920
20	4860	2780	6700	1800	9490	2180	1050	521	555	461	699	6900
21	4900	2570	6530	1720	8830	2200	927	530	551	462	833	6020
22	4850	2450	6560	1650	7920	2060	833	528	528	453	967	5130
23	4750	2310	6660	1690	7240	2010	767	526	504	441	1080	4860
24	4530	2240	7000	1770	6560	2260	731	525	480	436	1060	4630
25	6120	2320	7680	1890	5850	1970	704	525	455	438	973	4440
26	8330	2330	7990	2020	5170	1820	673	524	436	446	905	4040
27	8400	2190	7380	2100	4590	1690	656	522	422	447	930	3580
28	8500	2020	6530	2180	4200	1660	771	521	414	453	956	3340
29	8590		5750	2250	3610	1710	788	520	419	460	975	3120
30	8780		5010	2300	3300	1780	704	518	422	506	961	2910
31	8830		4560		2920		640	517		519		2850
MEAN	4940	5860	5030	2180	10400	1790	1100	553	485	445	677	6960
MAX.	8830	10400	7990	4140	35600	2460	2100	821	555	519	1080	22400
MIN.	1870	2020	1950	1490	2500	1250	640	512	414	426	492	950

TOTAL DISCHARGE FOR YEAR WAS 1230163. MEAN DISCHARGE FOR YEAR WAS 3370

MAXIMUM DISCHARGE WAS 36,478 CFS ON MAY 14
MINIMUM DISCHARGE WAS 413 CFS OBSERVED ON SEP. 28.

DAILY DISCHARGES FOR 1977

HATCHIE RIVER AT RIALTO, TENN.

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1404	3417	1951	3475	2705	871	630	571	433	3048	1570	10739
2	1508	3249	1988	3180	2927	724	674	569	417	3119	1611	14536
3	1582	2783	2119	2896	3211	689	719	624	406	3271	1610	15474
4	1623	2588	3688	2851	3411	697	696	728	396	3516	1570	21752
5	1635	2507	4942	3050	3513	733	637	774	391	4320	1489	35393
6	1642	2214	6049	3284	3608	716	587	748	393	4966	1411	37077
7	1648	1963	7273	3484	3597	766	556	694	397	5577	1409	30961
8	1693	1775	11129	3616	3504	699	537	634	384	5718	1496	23660
9	1763	1645	15257	3467	3398	637	524	584	393	5553	1599	17505
10	1837	1548	18544	3330	3181	593	531	549	417	5149	1703	13165
11	1911	1447	24435	3284	2828	574	600	523	446	4831	1796	10959
12	1985	1599	26680	3449	2424	559	546	505	464	4538	1881	9378
13	2058	1826	23982	4793	2994	549	520	496	499	4197	1955	8689
14	2134	1873	19332	8061	2612	544	514	496	497	3807	2014	8123
15	2212	1850	15100	8440	2336	571	515	540	516	3447	2098	7751
16	2290	1807	12320	7850	2175	554	541	637	617	3227	2175	7324
17	2368	1773	11058	7121	2095	561	521	1240	780	2980	2197	6817
18	2446	1754	10105	6420	2021	577	507	1455	961	2794	2171	6317
19	2532	1707	10349	5766	963	626	493	1116	1124	2653	2082	5807
20	2625	1625	11762	5141	916	669	486	813	1336	2547	2288	5246
21	2718	1504	11768	4664	874	687	505	709	1482	2448	2637	4882
22	2810	1386	10710	4220	835	707	565	646	1586	2236	2868	4596
23	2903	1303	9319	3720	802	756	631	596	1791	1759	3134	4322
24	3024	1489	8124	3364	771	807	599	566	2409	1296	3364	4030
25	3150	1839	7176	2956	745	819	574	538	2832	1069	3637	3746
26	3277	2006	6341	2656	750	772	545	522	2936	998	4091	3492
27	3522	2010	5584	2446	726	796	525	497	3089	1013	4408	3369
28	4408	1966	5049	2364	702	813	519	473	2982	1106	4993	3225
29	4328		4732	2396	688	697	526	455	2962	1266	5788	3049
30	3969		4370	2515	679	639	545	442	2998	1404	6827	2835
31	3609		3945		958		575	436		1502		2996
MEAN	2471	1945	10167	4142	1837	680	563	651	1211	3076	2596	10878
MAX	4408	3417	26680	8440	3608	871	719	1455	3089	5718	6827	37077
MIN	1404	1303	1951	2364	679	544	486	436	384	998	1409	2835

TOTAL DISCHARGE FOR YEAR WAS 1232424. MEAN DISCHARGE FOR YEAR WAS 3376

MAXIMUM DISCHARGE WAS 38,709 CFS ON DEC. 6 (STAGE 18.98 FEET).
MINIMUM DISCHARGE WAS 384 CFS ON SEP. 8 (STAGE 1.47 FEET).

HATCHIE RIVER AT RIALTO, TENN.--CONTINUED

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				8740	1800	3680		2020	507	513	2010	1230
2				8260	1950	3470	1270	1880	504	580	1980	1330
3				8020	2080	3420		1670	508	661	2000	1430
4				7850	2190	3660		1550	907	689	2010	1520
5				7170	2290	4070		1470	1120	681	2090	1600
6				6150	2420	4150		1390	835	637	2150	1650
7				5240	2600	4060		1250	790	583	2160	1660
8				4820	2690	3980		1050	763	557	2240	1600
9				4780	2660	4040		884	744	551	2280	1490
10			6940	4370	2420	4090		790	742	563	2240	1380
11			6770	4230	2050	3980		739	680	619	2180	1310
12			6430	4120	1770	3550		702	630	665	1910	1290
13			5880	3930	1640	3230		661	619	653	1440	1290
14			5370	3790	1620	2650		625	608	611	1140	1290
15			5200	3580	1680	1930	876	728	600	579	1020	1270
16			5200	3420	1910	1420		614	585	554	967	1250
17			5170	3260	2190	1190		583	566	538	940	1260
18			5200	2990	2450	1160		575	542	528	931	1280
19			5300	2660	2720	1370		558	524	521	925	1300
20			5470	2310	3050	1600	742	532	510	520	923	1270
21			5710	2040	3420	1710	750	516	500	520	913	1230
22			5470	1880	3870	1690	739	505	485	526	901	1160
23			5200	1740	4040	1650	701	496	478	577	880	1110
24			5020	1710	3850	1650	650	491	483	1360	860	1060
25			4880	1770	3490	2380	610	483	485	2850	845	1040
26			4770	1580	3300	2470	583	480	492	3050	894	1010
27			4720	1460	3110	1880	565	505	496	3060	930	1020
28			4710	1460	3240	1490	555	492	520	2940	1000	1060
29			6940	1550	3300	1370	790	559	526	2500	1060	1120
30			9160	1660	3440	1320	1660	530	501	2340	1140	1220
31			9390		3650		1850	517		2080		1330
MEAN				3890	2670	2610		833	608	1080	1430	1290
MAX.				8740	4040	4150		2020	1120	3060	2280	1660
MIN.				1460	1620	1160		480	478	513	845	1010

MAXIMUM DISCHARGE WAS 9,769 CFS ON MAR. 30 (STAGE 14.26 FEET).
MINIMUM DISCHARGE WAS 477 CFS ON AUG. 26 (STAGE 2.56 FEET).

HATCHIE RIVER AT RIALTO, TENN.--CONTINUED

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND.

DAY	JAN	FER	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	5110	7620	5020	2870	3490	7250	2190	1660	1300	2060	967	2620
2	5150	9000	5090	2990	3330	8110	2030	1730	1230	1820	976	2700
3	5220	8650	5160	3280	3590	8710	1800	2000	1850	1740	959	2790
4	5260	9540	5230	3590	3890	9900	1440	2460	2100	1740	1020	2860
5	5310	9090	5300	3750	3830	10700	1300	2690	2070	1780	1100	2920
6	5370	9210	5370	3720	3640	10500	1260	2740	1870	1820	1170	2950
7	5410	9270	5430	3560	3590	16800	1120	2750	1630	1760	1170	2990
8	5480	9770	5510	3500	3640	23400	1030	2510	1440	1550	1170	2980
9	5520	9720	5560	3280	3550	25200	994	2060	1330	1290	1220	2890
10	5570	9020	5410	3140	3520	22800	995	1700	1240	1100	1320	2710
11	5630	8540	5250	3140	3600	19600	1020	2370	1170	981	1530	2500
12	5670	8170	5100	3610	3730	19300	1100	3600	1160	909	1640	2330
13	5740	7810	4950	4330	3720	18500	1100	3760	1260	864	1720	2210
14	5780	7390	4800	5260	3710	16000	1090	3230	1420	832	1760	2170
15	5830	6930	4610	5400	4340	13700	1120	3240	1430	875	1760	2200
16	5890	6570	4300	4940	5450	12100	1170	3290	1410	837		2330
17	5940	6170	4020	3970	6150	11100	1230	2960	1380	865		2480
18	6000	5890	3870	3330	6070	10400	1270	3310	1290	905		2600
19	6040	5550	3710	2920	5650	9340	1270	3410	1190	983		2680
20	6110	5170	3560	2730	5090	8760	1230	3180	1120	1080		2740
21	6210	5050	3400	2720	4420	8200	1190	2830	1120	1170		2810
22	6290	5210	3250	6880	4190	6950	1140	2620	1060	1260		2890
23	6390	5170	3100	11200	4470	6660	1900	2510	1020	1330		2970
24	6460	5020	3000	10400	4460	6320	2260	2420	955	1410		3170
25	6530	4820	2920	10800	4170	5750	2030	2120	918	1570	2170	3830
26	6630	4820	2840	9420	3910	4970	2100	1620	907	1670	2540	4300
27	6710	4880	2760	7480	3800	4180	2110	1290	1180	1510	2520	4750
28	6810	4950	2690	5780	3770	3690	1850	1090	1240	1320	2500	5260
29	6880		2630	4650	3800	3030	1660	1000	2170	1260	2500	6430
30	6960		2680	3880	3830	2470	1590	1230	2120	1110	2540	7900
31	7050		2760		4420		1610	1430		1020		11000
MEAN	5960	7110	4170	4880	4150	11100	1460	2410	1390	1300		3480
MAX.	7050	9770	5560	11200	6150	25200	2260	3760	2170	2060		11000
MIN.	5110	4820	2630	2720	3330	2470	994	1000	907	832		2170

MAXIMUM DISCHARGE WAS 26,040 CFS ON JUN. 9 [STAGE 16.31 FEET]
MINIMUM DISCHARGE WAS 824 CFS ON OCT. 14 [STAGE 4.17 FEET].

DAILY DISCHARGES FOR 1973

HATCHIE RIVER AT RIALTO, TENN.

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	7225	13416	6589	7710	15152	4826	1083	815	630	712	742	13172
2	6759	12612	6255	7570	17071	5802	1311	936	626	665	760	10770
3	7178	11914	5893	7065	18895	7105	1529	940	634	662	772	9070
4	7659	11425	5720	6482	21197	7026	1591	871	646	695	786	8040
5	7163	10519	5488	6197	18848	6533	1643	811	655	744	794	7167
6	6777	11213	5216	5995	14403	6042	1681	767	879	850	780	6438
7	6502	10542	5254	5926	13614	5786	1687	732	869	957	760	5809
8	6039	13196	5179	6081	12866	5659	1629	701	864	999	743	5489
9	5711	13589	5267	6692	11912	5562	1501	672	974	964	721	5185
10	5508	13780	5603	7724	11587	5412	1466	651	1003	881	712	4824
11	5361	12615	7731	8095	11540	5044	1916	639	929	812	711	4479
12	5294	10737	8630	7891	10869	4744	1622	637	851	773	728	4143
13	5281	10572	9109	7293	9446	4449	1522	685	773	748	782	3871
14	5338	10739	9335	6793	8510	4321	1434	718	713	722	1562	3222
15	5468	10505	8797	6362	7722	4132	1263	724	681	687	1616	2538
16	5607	10232	8862	5941	7001	3247	1141	729	663	655	1567	1983
17	5746	9877	10266	5693	6377	2399	1149	770	651	629	1483	1888
18	5885	9849	13503	5819	5789	1900	1231	899	640	609	1495	2927
19	6223	9578	18597	7598	5502	1731	1351	1039	629	592	2177	3651
20	6067	9095	32550	22160	5551	2267	1418	1152	619	578	3641	4374
21	7138	8936	47547	34816	5446	2714	1454	1244	586	566	5866	4489
22	8649	9219	50028	38309	5288	2252	1477	1262	557	558	7088	4556
23	12178	9164	42462	37209	5352	1719	1480	1120	553	552	7040	4610
24	16713	8832	30209	31397	5040	1417	1435	907	567	553	6944	4676
25	15843	8514	20206	29552	4337	1238	1432	772	597	563	9544	4729
26	13960	8139	14688	27259	3719	1128	1482	707	623	586	19127	4783
27	12459	7517	11850	23979	3905	1058	1232	666	636	620	29141	4849
28	12205	7003	10006	19696	4253	1044	1008	632	674	666	30119	4904
29	13302		8824	16732	4299	1136	889	608	705	721	24290	4970
30	14080		8083	15250	4330	1120	824	601	699	723	17618	5022
31	13806		7992		4507		793	640		732		5077
MEAN	8488	10476	14056	14176	9172	3627	1377	808	704	702	6004	5216
MAX	16713	13780	50028	38309	21197	7105	1916	1262	1003	999	30119	13172
MIN	5281	7003	5179	5693	3719	1044	793	601	553	552	711	1888

TOTAL DISCHARGE FOR YEAR WAS 2263242. MEAN DISCHARGE FOR YEAR WAS 6200

MAXIMUM DISCHARGE WAS 52,000 CFS ON MAR. 21 (STAGE 19.53 FEET).
MINIMUM DISCHARGE WAS 551 CFS ON SEP. 22 AND OCT. 24 (STAGE 2.61 FEET).

HATCHIE RIVER AT RIALTO, TENN.

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2530	3760	1847	3109	4464	1126	792	1057	584	2483	1735	6220
2	2296	3440	2320	3123	4538	1134	1188	1285	550	2370	2266	5938
3	2276	3162	2488	3135	4230	1045	1306	1491	537	2195	2441	5763
4	2541	2962	2631	3897	3724	973	1469	1603	516	2071	2487	5775
5	2904	2844	2818	4153	3035	918	1764	1701	484	2000	2476	5786
6	3110	3203	2888	4364	2501	832	1760	1806	461	1969	2493	6711
7	3216	3527	2892	4222	2105	757	1519	1891	450	1961	3632	8774
8	3277	3687	2843	4062	1788	699	1372	1915	453	1921	4902	12365
9	3374	3762	2805	3925	1699	655	1378	1722	502	1754	5429	13808
10	3503	3772	2808	3794	2008	621	1397	1288	547	1441	5546	15162
11	3650	3624	2851	3625	2306	596	1340	957	543	1118	5386	16610
12	3817	3441	2911	3455	2557	575	1137	784	511	916	5381	15958
13	4025	3242	2990	3312	2791	577	890	707	483	800	5776	16006
14	4533	3118	3060	3217	2989	618	734	684	474	734	6509	17454
15	5596	3006	3141	3152	3166	636	657	657	471	688	7463	16802
16	7052	2895	3417	3115	3370	612	804	749	463	651	9067	14750
17	7594	2757	3743	3113	3597	590	1014	965	449	632	11712	13125
18	7404	2591	3996	3021	3775	628	1429	1203	438	637	12162	12218
19	7030	2428	4180	2774	3839	717	1662	1309	429	636	12238	11310
20	6690	2272	4326	2559	3785	739	1852	1227	427	678	11826	10402
21	6341	2149	4329	2683	3601	689	2017	988	477	681	11459	9964
22	5963	2021	4225	3074	3188	627	2106	789	651	687	11157	9527
23	5829	1860	4112	3078	2632	587	2163	1004	929	698	10210	9147
24	5766	1712	4018	2814	2163	558	2193	1113	1146	726	9080	8830
25	5475	1593	3941	2494	1783	534	2197	807	1257	745	8587	8514
26	5210	1539	3832	2240	1470	514	2166	737	1306	765	8176	8197
27	5005	1521	3697	2114	1250	514	1932	687	1304	863	7684	7880
28	4895	1533	3496	2160	1128	597	1649	656	1324	966	7327	7564
29	4496	1566	3236	2979	1186	597	1595	674	1816	1078	6902	7587
30	4175		3051	3860	1272	699	1131	673	2522	1234	6228	7610
31	3988		3021		1208		880	631		1512		7293
MEAN	4631	2724	3288	3221	2682	699	1468	1089	750	1213	6925	10421
MAX	7594	3772	4329	4364	4538	1134	2197	1915	2522	2483	12238	17454
MIN	2276	1521	1847	2114	1128	514	657	631	427	632	1735	5763

TOTAL DISCHARGE FOR YEAR WAS 1195533. MEAN DISCHARGE FOR YEAR WAS 3266

MAXIMUM DISCHARGE WAS 17,570 CFS ON DEC. 15 (STAGE 15.70 FEET).
MINIMUM DISCHARGE WAS 425 CFS ON SEP. 20 (STAGE 1.45 FEET).

HATCHIE RIVER AT RIALTO, TENN.

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2539	2542	16937	3194	2452	1955	725	840	870	1965	527	575
2	2637	2598	16759	3444	2542	1465	709	829	1110	1910	514	585
3	2747	2715	14683	3635	2623	1199	737	1013	1172	1816	499	616
4	3083	2881	12554	3780	2714	1046	694	2053	1126	1589	488	658
5	3480	3296	10839	3952	2713	958	633	2215	1079	1208	478	711
6	3580	3639	9544	4130	2705	901	1331	1771	1076	916	479	759
7	3586	4010	8584	4148	2712	897	847	1231	1116	765	482	810
8	3528	4650	7829	4099	2585	1033	631	1087	1126	683	484	923
9	3403	5074	7145	4036	2584	1597	559	1193	1131	700	493	1539
10	3203	5195	6511	3966	2374	1143	528	1293	1147	845	505	2238
11	2990	5099	5790	3899	2001	971	512	1443	1147	970	511	2359
12	2829	5403	5322	3844	1810	865	514	1592	1084	956	517	2440
13	2709	6003	5105	3768	2106	812	521	1608	966	853	516	2443
14	2670	5970	4908	3664	2451	814	521	1503	836	766	508	2355
15	2726	6139	4694	3530	2707	836	1340	1380	736	707	498	2388
16	2785	6138	4401	3351	2890	826	1138	1309	735	656	487	2452
17	2780	5886	4183	3065	2891	786	804	1280	733	623	474	2558
18	2714	5321	3948	2740	2759	697	607	1256	732	596	463	2631
19	2589	5126	3786	2267	2612	661	533	1191	716	574	456	2655
20	2464	5151	3612	1796	2572	647	493	1079	780	558	454	2660
21	2343	5709	3430	1533	2590	671	466	968	698	548	459	2673
22	2285	9928	3259	1391	2648	702	451	851	706	538	475	2703
23	2281	11117	3114	1512	2726	731	434	867	741	531	498	2749
24	2335	12538	3008	1686	2838	808	426	805	770	522	531	2799
25	2416	15439	2976	1950	3033	846	628	731	798	517	568	2852
26	2493	14955	3022	2184	3274	848	590	693	868	515	580	2909
27	2508	12608	3160	2265	3528	807	549	709	851	515	582	2959
28	2493	13170	3310	2272	3709	758	508	732	1024	518	574	2994
29	2474		3335	2300	3679	747	639	718	1513	527	575	3000
30	2476		3264	2371	3309	743	1053	679	1856	532	569	3011
31	2499		3208		2629		919	712		533		2852
MEAN	2763	6725	6201	2992	2734	926	679	1149	975	821	508	2124
MAX	3586	15439	16937	4148	3709	1597	1340	2215	1856	970	582	3011
MIN	2281	2542	2976	1391	1810	647	426	679	698	515	454	575

TOTAL DISCHARGE FOR YEAR WAS 861122. MEAN DISCHARGE FOR YEAR WAS 2359

MAXIMUM DISCHARGE WAS 17,640 CFS ON MAR. 1 (STAGE 15.50 FEET).
MINIMUM DISCHARGE WAS 411 CFS ON JUL. 24 (STAGE 1.54 FEET).

HATCHIE RIVER AT RIALTO, TENN.--CONTINUED

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4740	1640	4400	6330	16200	929	841	550	528	432	748	906
2	5160	2030	4510	9240	15700	895	856	543	522	423	764	877
3	5960	2310	5070	9440	14200	969	813	542	508	414	810	858
4	6910	2480	5920	9580	13200	1210	753	818	508	402	846	845
5	7600	2600	6090	9710	12200	1380	717	719	496	387	839	839
6	10600	2650	6610	8830	11100	1440	717	716	475	374	796	836
7	12800	2680	6940	8000	10000	1510	717	733	476	382	744	832
8	13000	2720	6380	7300	9000	1590	781	699	519	389	703	828
9	13100	2800	5400	7620	8120	1660	727	758	564	1030	678	818
10	13100	2910	4980	10400	7470	1720	659	770	763	1070	657	808
11	13100	3040	4760	11300	6910	1760	619	731	656	761	650	800
12	13200	3200	4740	10200	6610	1750	605	713	573	787	678	805
13	13100	3260	4850	8880	5900	1770	600	680	527	1600	723	807
14	12900	3300	5120	7710	5090	3750	604	636	505	2380	816	803
15	8260	3640	5350	6920	4520	4790	587	609	485	2120	922	807
16	5060	3910	5360	6100	4090	3880	551	582	470	1520	998	1160
17	4850	4090	5280	5530	3590	2980	512	560	460	1210	995	1210
18	4620	4230	5130	5210	3050	2310	481	541	457	1200	982	1160
19	4310	4300	5200	5200	2670	2390	455	524	978	1240	1080	1050
20	3960	4230	5080	5440	2470	2200	432	516	1110	1250	1330	1010
21	3770	3970	4820	5500	2380	1660	410	523	1090	1140	1260	1430
22	3770	3760	4480	5700	2370	1260	412	563	685	949	1270	2520
23	3760	3600	4090	6230	2400	1260	415	579	506	814	1180	3220
24	3360	3540	3800	7290	2440	1020	423	581	472	744	1130	3680
25	2850	3570	3600	9110	2480	910	431	579	533	709	1140	3830
26	2620	3670	3680	11500	2500	846	444	592	524	685	1170	3600
27	2350	3860	3630	15100	2350	807	463	611	484	660	1140	3130
28	2080	4140	3610	21500	1880	794	499	606	494	651	1080	2770
29	1860		3640	20600	1400	782	560	579	472	679	1000	2500
30	1710		3820	17300	1160	793	593	549	445	727	944	2400
31	1630		4600		1000		576	531		749		2440
MEAN	6650	3290	4870	9290	5950	1700	588	620	576	899	935	1600
MAX.	13200	4300	6940	21500	16200	4790	856	818	1110	2380	1330	3830
MIN.	1630	1640	3600	5200	1000	782	410	516	445	374	650	800

TOTAL DISCHARGE FOR YEAR WAS 1123700. MEAN DISCHARGE FOR YEAR WAS 3078.6

MAXIMUM DISCHARGE WAS 22,800 CFS ON APR. 28 (STAGE 15.63 FEET.
MINIMUM DISCHARGE WAS 369 CFS ON OCT. 6 (STAGE 1.07 FEET.

HATCHIE RIVER AT RIALTO, TENN.--CONTINUED

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	3980	3330	3730	2740	5850	1270	642	531	633	470	534	2320
2	4060	3590	3540	2840	5360	1190	606	518	613	473	541	2380
3	4120	3810	3350	2960	4860	1090	570	534	589	473	552	2460
4	4190	4070	3220	3100	4400	934	550	571	566	487	575	2550
5	4260	4460	3080	3730	4030	841	532	510	569	542	595	2640
6	4290	4740	2940	5320	3750	781	526	442	605	646	621	2740
7	4200	4980	2750	6970	3330	740	532	405	651	776	652	2850
8	4140	5860	2520	7290	2880	711	537	402	732	891	645	2920
9	4040	8370	2240	6660	2300	688	520	412	854	868	614	2930
10	3910	13300	1980	6220	1860	672	501	410	1030	770	581	2750
11	3730	15100	1790	5710	1710	650	488	490	1130	694	560	2480
12	3470	13000	1680	5400	1610	635	476	511	1150	674	552	2250
13	3140	11200	1610	5430	1520	619	465	499	1100	758	546	2140
14	2750	9550	1570	6000	1430	633	438	481	957	842	545	2110
15	2230	8460	1510	6780	1340	691	419	458	799	839	559	2140
16	1800	7940	1430	12100	1240	748	409	468	697	764	599	2170
17	1600	7420	1350	16500	1130	795	398	490	618	693	715	2220
18	2850	6980	1290	19800	1050	816	393	616	572	636	910	2230
19	3920	6480	1250	27700	1010	792	413	885	545	595	1160	2220
20	3860	6040	1240	29200	1030	786	432	1450	522	571	1140	2100
21	3640	5640	1250	28400	1050	765	418	1600	504	561	1270	1860
22	3230	5460	1280	28900	1080	715	402	1530	492	547	1430	1590
23	2850	5280	1420	20000	1150	667	393	1540	487	536	1570	1400
24	2520	5000	2140	16900	1210	670	390	1500	507	532	1680	1320
25	2280	4740	2550	13200	1200	628	418	1500	484	527	1750	1340
26	2100	4380	2800	10800	1130	620	426	1450	498	527	1850	1420
27	1960	4110	2880	9250	1090	623	446	1380	494	527	1960	1530
28	1930	3920	2820	8340	1000	625	496	1140	483	527	2050	1760
29	1960		2730	7800	1020	634	549	909	475	527	2150	3000
30	2730		2680	6680	1140	652	580	753	467	523	2230	2970
31	3120		2690		1240		541	673		529		4400
MEAN	3190	6690	2240	11100	2060	756	480	808	660	623	1040	2300
MAX.	4290	15100	3730	29200	5850	1270	642	1600	1150	891	2230	4400
MIN.	1600	3330	1240	2740	1000	619	390	402	467	470	534	1320

TOTAL DISCHARGE FOR YEAR WAS 956219. MEAN DISCHARGE FOR YEAR WAS 2619.8

MAXIMUM DISCHARGE WAS 35,300 CFS AT 100 A.M., APR. 21 [STAGE 17.83 FEET].
MINIMUM DISCHARGE WAS 385 CFS AT 600 A.M., JUL. 24 [STAGE 1.01 FEET].

HATCHIE RIVER AT RIALTO, TENN.--CONTINUED

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6210	4840	1240	7670	3530	4990	844	525	379	546	554	2910
2	5800	6000	1230	7700	3270	4560	856	519	365	539	545	3430
3	5720	5850	1230	8390	3050	4260	791	507	355	542	537	3850
4	5740	5510	1260	14800	2870	4020	702	495	347	535	533	4170
5	5600	5260	1310	15000	2710	3670	639	489	346	521	528	4540
6	5610	4950	1410	12400	2570	3250	591	485	360	554	529	5080
7	5430	4410	1510	10400	2430	2770	566	483	368	754	534	6970
8	5070	3970	1600	9170	2240	2210	536	498	376	1210	539	10100
9	4940	3620	1700	8240	1940	1710	520	515	376	1610	551	10400
10	5110	3330	1860	8260	1660	1400	508	494	386	1690	559	9500
11	5190	3210	2070	8210	1520	1160	519	474	421	1630	560	8310
12	5590	3140	2370	7870	1490	1050	527	456	443	1590	551	7650
13	6720	3100	2900	7520	1500	969	517	454	435	1540	539	7150
14	8430	3050	3250	7050	2340	907	502	451	413	1430	536	6550
15	11100	2980	3390	6570	2680	863	488	444	394	1250	539	6080
16	14700	2900	3410	5940	4830	829	494	446	414	1040	544	5710
17	16400	2750	3360	5600	7310	824	506	450	427	924	553	5500
18	14800	2520	3300	5430	9960	811	531	474	487	852	566	5240
19	13400	2200	3330	5280	13400	759	557	496	590	837	591	4860
20	11900	1900	3780	5070	12800	726	557	508	776	819	614	4380
21	10500	1730	6590	4920	10200	707	576	502	867	780	636	4010
22	9270	1640	8650	4860	8200	706	567	495	912	738	659	4100
23	8620	1570	9600	4800	6920	704	550	469	924	689	674	3870
24	7830	1510	10300	4740	5930	688	542	447	891	657	683	3680
25	7210	1440	11000	4730	5600	676	579	435	793	630	662	3590
26	6650	1380	11100	4550	5680	683	593	431	697	613	632	3480
27	6120	1340	10800	4350	6110	658	584	426	620	599	786	3320
28	5480	1310	9810	4150	6320	698	573	415	583	589	1610	3520
29	5200	1260	8600	4000	6070	756	575	403	573	586	1900	3520
30	5050		8040	3820	5730	802	566	392	560	574	2350	3630
31	4910		7740		5350		544	381		564		3820
MEAN	7750	3060	4760	7050	5040	1630	580	466	529	884	719	5260
MAX.	16400	6000	11100	15000	13400	4990	856	525	924	1690	2350	10400
MIN.	4910	1260	1230	3820	1490	658	488	381	346	521	528	2910

TOTAL DISCHARGE FOR YEAR WAS 1153383. MEAN DISCHARGE FOR YEAR WAS 3151.3

MAXIMUM DISCHARGE WAS 16,400 CFS OBSERVED AT 10:00 A.M., JANUARY 17 (STAGE 15.55 FEET).
MINIMUM DISCHARGE WAS 346 CFS AT 9:00 A.M., SEPTEMBER 5 (STAGE 0.84 FEET).

HATCHIE RIVER AT RIALTO, TENN.--CONTINUED

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	3280	2010	2280	1800	3150	2080	753	1660	1170	582	749	885
2	2900	2350	2360	1760	3680	1800	688	2060	1160	587	701	1290
3	2640	2520	2390	1680	3620	1620	553	1990	1050	591	683	1810
4	2520	2480	2390	1580	3550	1550	419	2210	892	576	671	2170
5	2490	2380	2430	1440	3350	1520	863	2200	745	553	679	2450
6	2540	2250	3330	1330	3210	1560	1290	2110	766	540	704	2630
7	2600	2160	4030	1220	3230	1580	1390	2150	628	514	744	2670
8	2690	2120	4380	1130	3330	1510	1660	2180	616	489	753	2590
9	2790	2090	4570	1080	3660	1320	2140	2180	615	477	754	2500
10	2870	2060	4860	1030	4440	1160	2360	2180	634	454	740	2460
11	2940	1960	5070	1010	5850	1020	2530	2240	655	435	743	2520
12	3020	1760	5710	970	7690	942	2600	2290	720	427	731	2620
13	3100	1530	6560	945	9570	887	2620	2330	860	422	727	2740
14	3170	1370	7000	971	11700	829	2640	2360	974	418	712	2870
15	3140	1250	7250	1100	13300	790	2630	2320	980	414	705	2980
16	2920	1160	7720	1160	14500	752	2640	2230	917	438	709	3130
17	2560	1100	7820	1100	14300	713	2640	1910	821	454	726	3380
18	2090	1050	7620	1050	12800	691	2650	1460	776	472	739	3630
19	1860	1000	7310	1060	10700	658	2550	1090	735	521	719	3890
20	1770	1050	6860	1040	9010	638	2110	974	696	620	698	4280
21	1740	1100	6420	974	8010	618	1520	1180	718	778	678	5360
22	1660	1190	5890	909	7170	607	1140	1420	641	984	658	7140
23	1540	1300	5520	898	6340	584	1080	1490	590	1150	660	8200
24	1410	1440	5160	932	5700	561	1040	1500	580	1240	663	8970
25	1320	1580	4700	991	5080	541	1150	1400	590	1190	686	10300
26	1440	1720	4350	1160	4390	534	1760	1190	625	1020	753	10400
27	1890	1900	4030	1580	3820	518	1540	991	655	870	855	9740
28	1940	2130	3490	2090	3170	500	1630	888	661	781	921	9250
29	1950		2870	2490	2590	733	2040	838	629	752	918	8870
30	1950		2280	2640	2030	695	1670	960	594	760	939	8490
31	1960		1930		1890		1570	1100		773		7960
MEAN	2340	1710	4790	1300	6280	983	1740	1710	756	654	737	4780
MAX.	3280	2520	7820	2640	14500	2080	2650	2360	1170	1240	939	10400
MIN.	1320	1000	1930	898	1890	500	419	838	580	414	658	885

MAXIMUM DISCHARGE WAS 14,500 CFS OBSERVED ON MAY 16.
MINIMUM DISCHARGE WAS 414 CFS ON OCT. 15.

DAILY DISCHARGES FOR 1966

HATCHIE RIVER AT RIALTO, TENN.- ~~CONTINUED~~

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	716	885	5740	1080	3380	4130	587	514	463	585	622	616
2	1300	1080	5450	1040	3870	4000	813	503	454	539	595	617
3	1350	1120	5060	992	3960	3900	925	526	433	511	571	608
4	1200	1090	4800	966	4240	3580	818	576	427	555	557	600
5	1140	1100	4490	943	4630	2920	735	569	419	598	544	600
6	1280	1210	4360	904	5070	1960	783	518	401	624	547	576
7	1420	1380	4690	886	5260	1290	854	476	389	629	535	556
8	1510	1490	4660	868	5100	1050	768	452	385	597	536	576
9	1550	1500	4290	850	4760	976	713	447	405	554	566	931
10	1580	3290	3870	825	4440	965	681	434	492	511	749	1070
11	1610	4680	3490	816	4240	972	638	466	584	467	705	1140
12	1580	5830	3320	815	4130	986	674	1020	610	466	675	1260
13	1480	6850	3210	840	4260	1060	835	1090	605	505	656	1350
14	1320	7410	3220	848	4300	1030	963	914	577	581	701	1470
15	1150	7250	3320	845	4270	894	999	861	604	640	827	1590
16	1030	6950	3400	841	5010	821	906	976	601	662	976	1710
17	961	6790	3460	830	5430	772	769	1210	602	663	1080	1820
18	926	7640	3460	846	6800	737	639	1210	660	649	1100	1950
19	907	11900	3310	836	7010	713	565	1170	937	674	1060	2070
20	880	14800	2950	897	6800	688	532	1120	593	702	968	2190
21	858	14100	2370	1300	6410	665	572	1050	484	688	880	2180
22	832	12900	1810	1260	5800	638	727	982	460	676	798	2100
23	805	11400	1470	1300	5010	613	797	903	466	729	746	1910
24	785	9880	1340	1430	4910	601	753	855	531	808	712	1630
25	778	8490	1260	1840	4890	586	704	790	651	821	688	1330
26	777	7660	1200	2160	4840	564	652	708	702	780	684	1110
27	776	6930	1150	2340	4800	549	596	643	677	731	667	1310
28	777	6310	1150	2200	4750	535	544	588	613	681	636	3670
29	793		1170	2130	4530	554	510	567	577	652	633	4240
30	776		1160	2460	4360	566	495	530	562	626	632	4110
31	776		1130		4260		517	488		617		3700
MEAN	1080	6140	3090	1210	4890	1310	711	746	545	629	721	1630
MAX.	1610	14800	5740	2460	7010	4130	999	1210	937	821	1100	4240
MIN.	716	885	1130	815	3380	535	495	434	385	466	535	556

MAXIMUM DISCHARGE WAS 14,800 CFS ON FEB. 20.
MINIMUM DISCHARGE WAS 385 CFS ON SEPT. 8.

DAILY DISCHARGES FOR 1965

HATCHIE RIVER AT RIALTO, TENN.- ~~CONTINUED~~

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4500	3420	6860	26500	1810	1780	835	685	536	574	433	701
2	4330	3180	6710	29300	1670	1730	780	621	516	539	430	700
3	4230	2830	6280	29300	1550	1610	789	577	511	517	449	696
4	4190	2420	5980	30300	1450	1390	1140	538	522	512	456	676
5	4310	1930	5870	36800	1350	1230	1780	522	502	508	462	653
6	4470	1620	5780	39100	1260	1130	1920	504	480	517	477	631
7	4500	1480	6070	37500	1200	1060	1880	678	458	528	492	611
8	4580	1430	6390	32900	1110	1270	1770	855	454	537	498	603
9	5340	1460	6620	26500	1060	1450	1660	644	449	557	506	596
10	6450	2030	6820	21200	1010	1240	1850	521	516	578	518	600
11	7190	4720	6630	18200	990	1040	1840	492	1380	588	517	604
12	8880	12600	6430	17200	993	976	1860	489	1480	601	515	606
13	9070	19500	6310	15600	1000	1030	1660	501	1190	621	527	594
14	8450	18200	6090	13600	1040	1020	1360	512	821	598	571	610
15	8190	14700	5800	11300	1130	1090	1170	495	654	560	601	670
16	8030	12900	5610	9510	1190	1440	1040	475	656	527	573	757
17	8740	10700	5470	8360	1220	1620	875	457	715	497	561	859
18	9990	10000	5180	7560	1170	1720	778	445	726	475	565	940
19	10100	10400	4800	6770	1080	1800	717	434	682	455	587	955
20	9320	10600	4620	6040	1020	1880	686	436	637	457	621	899
21	8540	10200	4460	5530	1060	1960	677	427	643	461	643	815
22	7820	9200	4180	4980	1220	2040	656	429	1260	465	630	773
23	7220	8300	3950	4570	1360	2170	636	421	1370	469	626	734
24	6680	7480	3840	4220	1430	2220	616	424	1000	471	620	712
25	6180	7050	4220	3820	1500	2200	656	438	744	460	617	691
26	5570	6710	5300	3440	1600	1970	644	458	611	463	634	686
27	5170	6870	5830	3100	1830	1520	861	486	554	457	670	667
28	4780	6870	6900	2740	1890	1160	843	495	550	453	698	664
29	4420		9780	2400	1960	993	708	531	582	448	707	675
30	4050		11200	2060	1910	887	679	553	612	443	703	702
31	3730		15900		1830		718	544		438		736
MEAN	6420	7460	6320	15300	1350	1490	1100	518	727	508	563	703
MAX.	10100	19500	15900	39100	1960	2220	1920	855	1480	621	707	955
MIN.	3730	1430	3840	2060	990	887	616	421	449	438	430	594

MAXIMUM DISCHARGE WAS 39,100 CFS ON APR. 6.
MINIMUM DISCHARGE WAS 421 CFS ON AUG. 23.

C19

DAILY DISCHARGES
1964
HATCHIE RIVER AT RIALTO, TENN. - ~~CONTINUED~~

COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1964

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	927	1430	2840	5700	11700	691	508	1620	906	1420	655	1480
2	962	1350	2900	5370	12100	675	497	1120	950	1640	691	1590
3	952	1280	3050	5570	11600	672	496	916	889	1780	724	2400
4	899	1250	4460	7190	10200	688	502	777	782	1840	726	3950
5	839	1270	5190	7930	9080	706	513	727	693	1860	693	4350
6	818	1350	5720	9130	8230	711	548	1090	635	1830	654	4730
7	816	1450	5990	9540	7430	700	589	1430	589	1730	628	4980
8	879	1460	6860	8940	6790	668	623	1370	557	1410	612	5130
9	1070	1460	7850	8730	6230	638	680	1030	539	1060	602	5440
10	1410	1520	8840	10500	5920	614	720	887	515	840	602	6590
11	1620	1620	10000	12400	5800	598	733	1120	489	731	609	9760
12	1710	1720	11600	13900	5360	584	812	1340	467	669	620	11000
13	1790	1830	11300	15300	4950	593	885	1360	448	630	636	13400
14	1870	1920	10900	16000	4640	597	868	1210	430	615	655	13900
15	1930	2060	10700	15100	4350	617	844	1180	413	610	657	13000
16	1990	2150	10100	13200	3930	684	900	1740	410	607	645	11600
17	2060	2250	9540	11500	3430	750	1010	1760	417	612	651	10100
18	2160	2310	8510	10200	2900	750	1100	1670	424	623	651	8850
19	2250	2340	7590	8990	2420	712	1110	1550	430	636	1070	8060
20	2330	2340	6820	8010	1930	694	1020	1480	439	649	1100	7500
21	2390	2350	6190	7150	1500	670	923	1470	456	648	1040	6880
22	2430	2370	5690	6980	1230	612	1050	1450	472	648	1040	6250
23	2430	2400	5250	7480	1080	579	1110	1350	480	636	1140	5920
24	2360	2450	4970	8610	988	565	1270	1160	479	620	1280	5700
25	2240	2520	5610	10600	927	540	1210	932	472	595	1430	5470
26	2100	2580	7020	14000	873	515	1070	791	456	578	1540	5210
27	1930	2650	7660	15700	818	498	974	716	464	566	1590	5000
28	1760	2720	7680	15500	786	487	932	663	499	575	1520	4860
29	1640	2790	7290	14200	742	496	1620	623	542	578	1410	4710
30	1540		6640	12500	721	510	2770	636	925	604	1400	4510
31	1500		6060		703		2300	779		621		4500
MEAN	1660	1970	7120	10500	4500	627	973	1160	555	918	909	6670
MAX.	2430	2790	11600	16000	12100	750	2770	1760	950	1860	1590	13900
MIN.	816	1250	2840	5370	703	487	496	623	410	566	602	1480

MAXIMUM DISCHARGE WAS 16,000 CFS ON APR. 14 (STAGE 14.8).
MINIMUM DISCHARGE WAS 410 CFS ON SEPT. 16.
MEMPHIS DISTRICT, CORPS OF ENGINEERS.

DAILY STAGES AND DISCHARGES
HATCHIE RIVER AT RIALTO, TENNESSEE
COMPUTED DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1963

DAY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	995	623	1,340	4,100	2,140	4,640	1,920	1,470	701	406	372	707
2	986	664	1,400	3,660	2,430	4,470	1,970	1,230	776	408	372	644
3	954	738	1,490	3,280	2,500	4,980	1,900	971	862	410	374	613
4	934	882	1,580	2,790	2,290	5,550	1,800	898	946	419	381	621
5	903	986	3,560	2,130	2,380	5,700	1,730	1,000	903	422	391	640
6	857	1,030	4,010	1,580	2,660	5,770	1,710	1,040	782	422	402	621
7	836	1,080	4,550	1,400	2,980	6,030	1,670	989	684	416	418	577
8	830	1,120	4,440	1,370	3,500	6,310	1,450	894	611	407	444	559
9	821	1,110	4,170	1,350	4,130	6,320	1,160	784	594	403	462	559
10	825	1,080	3,960	1,440	4,700	6,050	1,010	701	595	404	476	552
11	823	1,090	4,000	1,610	4,920	5,700	960	657	582	401	503	569
12	815	1,200	4,340	1,760	4,840	5,340	992	643	552	395	524	599
13	787	1,320	4,940	1,870	4,600	5,020	1,060	684	530	389	521	637
14	770	1,400	5,560	1,940	4,400	4,580	1,040	713	521	395	503	731
15	761	1,520	6,870	1,890	4,260	3,930	915	652	502	397	488	855
16	776	1,650	7,600	1,660	4,070	3,250	805	594	496	399	471	1,000
17	794	1,770	7,720	1,360	3,630	2,290	743	590	496	399	462	1,130
18	764	1,870	7,930	1,170	2,620	1,870	809	587	496	396	462	1,260
19	713	1,970	8,910	1,100	1,510	1,410	898	572	495	391	458	1,340
20	694	2,040	8,840	1,060	1,090	1,310	929	569	491	386	461	1,380
21	701	2,080	7,800	1,030	1,040	1,740	850	540	482	383	467	1,310
22	708	2,060	6,840	992	911	1,940	884	511	473	381	479	1,240
23	729	1,920	6,700	954	819	1,770	990	487	464	381	502	1,170
24	732	1,730	6,530	891	753	1,670	1,100	461	455	379	523	1,100
25	725	1,620	6,360	847	791	1,620	1,290	447	445	377	575	998
26	723	1,600	6,150	797	2,390	1,610	1,390	428	435	377	658	852
27	721	1,520	5,840	760	4,450	1,540	1,440	411	426	376	730	766
28	713	1,400	5,510	756	4,920	1,640	1,520	410	418	374	785	696
29	701		5,150	1,020	5,370	1,800	1,570	452	412	369	810	713
30	664		4,820	1,810	5,370	1,830	1,560	706	406	369	768	770
31	629		4,430		5,140		1,510	714		369		847
MEAN	787	1,395	5,269	1,613	3,149	3,589	1,277	703	568	394	508	841
MAX.	995	2,080	8,910	4,100	5,370	6,320	1,970	1,470	946	422	810	1,380
MIN.	629	623	1,340	756	753	1,310	743	410	406	369	372	552

TRIBUTARIES OF MISSISSIPPI RIVER

HATCHIE RIVER AT RIALTO, TENN.

Computed daily discharge in cubic feet per second for 1962

DAY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	8,670	9,580	20,200	7,060	6,200	668	1,530	805	543	626	567	704
2	7,850	9,590	19,300	7,330	6,400	788	1,630	698	540	632	561	697
3	7,220	9,410	21,200	6,770	8,000	1,290	1,680	649	536	722	558	680
4	6,840	9,100	23,000	6,020	9,160	1,320	1,690	634	523	794	543	667
5	6,400	8,510	22,900	5,270	9,200	1,330	1,580	630	535	722	544	659
6	6,040	7,900	20,900	4,710	7,500	1,320	2,120	671	590	681	536	652
7	5,700	7,520	16,500	4,300	6,440	1,260	1,440	665	763	722	546	642
8	5,430	7,140	13,500	4,240	5,800	1,240	1,080	632	820	759	562	635
9	5,120	6,930	13,200	4,280	5,090	1,320	894	603	669	727	562	636
10	4,790	6,500	11,500	4,470	4,470	1,420	827	579	667	660	566	629
11	4,610	6,340	11,200	5,570	3,870	1,450	818	562	877	653	593	629
12	4,330	6,150	10,100	6,590	3,070	1,330	802	557	890	575	804	626
13	4,140	5,960	9,110	7,220	2,180	1,120	784	533	711	582	852	621
14	4,200	5,610	8,270	7,300	1,530	1,030	739	515	905	626	723	614
15	5,940	5,360	7,360	7,050	1,320	1,110	693	494	1,350	662	676	608
16	10,900	5,620	6,860	6,510	1,220	1,130	680	479	5,350	742	665	587
17	10,900	5,230	6,350	5,940	1,130	1,170	1,040	466	4,910	636	682	570
18	9,070	4,840	5,900	5,490	1,060	1,240	779	451	3,110	577	724	567
19	7,700	4,320	5,530	5,240	995	1,290	670	445	2,110	563	730	604
20	6,890	3,910	5,440	5,420	937	1,270	636	428	1,470	557	720	652
21	6,580	3,570	6,010	6,540	893	1,120	620	422	1,330	619	727	704
22	8,280	3,330	5,760	7,580	855	1,190	618	425	1,300	613	737	731
23	11,000	4,090	5,450	7,580	822	1,310	608	426	1,240	588	763	739
24	23,600	5,310	5,050	6,750	800	1,370	664	416	994	597	786	760
25	26,900	5,730	4,850	6,170	781	1,440	696	408	816	701	790	793
26	16,400	8,430	5,460	5,580	751	1,480	554	451	733	798	763	848
27	11,500	21,800	5,440	5,120	728	1,350	530	510	697	811	754	924
28	10,200	23,100	5,180	4,790	709	1,180	603	513	667	699	744	929
29	9,600		4,810	4,500	689	1,150	740	479	647	624	725	930
30	9,430		4,760	4,240	680	1,390	918	490	634	593	712	940
31	9,400		6,650		670		928	534		575		972
MEAN	8,890	7,530	10,250	5,850	3,030	1,240	955	535	1,230	659	674	707
MAX.	26,900	23,100	23,000	7,580	9,200	1,480	2,120	805	5,350	811	852	972
MIN.	4,140	3,330	4,760	4,240	670	668	530	408	523	557	536	567

TRIBUTARIES OF MISSISSIPPI RIVER

HATCHIE RIVER AT RIALTO, TENN.

Computed daily discharge in cubic feet per second for 1961

DAY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	2,180	1,200	9,960	6,750	3,950	994	663	1,470	789	489	464	2,600
2	2,510	1,170	10,600	7,010	3,610	932	634	1,360	692	559	461	2,600
3	2,720	1,230	10,100	7,630	3,180	865	604	1,190	607	562	557	2,660
4	2,820	1,350	9,170	7,440	2,780	823	569	1,010	561	562	560	2,710
5	2,740	1,420	8,500	6,740	2,440	809	537	869	542	563	568	2,800
6	2,660	1,440	8,940	6,320	2,280	775	543	766	572	610	571	2,820
7	2,650	1,790	10,100	6,000	2,160	767	540	721	601	673	643	2,840
8	2,700	2,850	13,300	5,740	2,290	762	570	687	577	682	788	2,850
9	2,760	3,200	13,600	5,710	2,920	845	576	675	559	624	941	3,910
10	2,860	3,490	13,200	5,750	3,300	984	550	663	588	561	1,040	4,660
11	2,960	3,680	12,400	5,870	3,410	1,310	559	670	619	540	1,120	4,760
12	3,060	3,630	13,200	7,120	3,120	1,570	565	632	621	520	1,200	4,960
13	3,170	3,400	15,000	7,470	2,730	1,820	677	590	565	515	1,200	4,960
14	3,310	3,200	16,500	8,000	2,420	2,070	657	550	523	512	1,080	4,770
15	3,540	3,060	17,600	10,200	2,310	2,080	748	521	502	511	957	4,560
16	3,610	3,020	15,700	13,800	2,020	1,970	688	498	489	510	950	5,230
17	3,600	3,060	13,000	14,500	1,840	1,920	602	489	483	510	1,330	7,240
18	3,460	3,340	11,300	12,100	1,870	1,890	586	480	482	499	1,720	8,010
19	3,090	3,380	9,950	8,920	2,020	1,850	594	480	510	492	1,720	11,000
20	2,680	3,610	9,070	7,660	2,110	1,680	668	506	542	491	1,760	20,900
21	2,500	4,660	8,270	6,990	2,140	1,330	746	506	542	490	1,820	22,000
22	2,390	6,010	7,530	6,390	2,140	1,090	672	496	502	494	2,440	19,400
23	2,240	6,390	6,970	5,770	1,880	983	604	514	487	506	3,400	17,400
24	2,110	7,380	6,540	5,270	1,560	921	707	525	479	517	3,560	16,400
25	2,040	8,120	6,100	4,880	1,330	900	825	565	477	506	3,670	16,200
26	1,990	7,150	5,780	4,700	1,210	907	1,040	654	463	491	3,500	16,100
27	1,860	6,970	5,540	4,600	1,130	880	1,030	753	456	485	3,270	14,900
28	1,670	8,580	5,530	4,460	1,110	806	955	789	452	500	3,000	13,200
29	1,510		5,430	4,300	1,080	744	1,160	858	446	508	2,780	12,000
30	1,370		5,430	4,090	1,060	695	1,450	895	443	487	2,640	11,000
31	1,270		6,130		1,030		1,480	824		473		9,850
MEAN	2,580	3,850	10,000	7,070	2,210	1,200	740	716	539	530	1,660	8,880
MAX.	3,610	8,580	17,600	14,500	3,950	2,080	1,480	1,470	789	682	3,670	22,000
MIN.	1,270	1,170	5,430	4,090	1,030	695	537	480	443	473	461	2,600

DAILY STAGES AND DISCHARGES

HATCHIE RIVER AT RIALTO, TENNESSEE

Computed daily discharge in cubic feet per second for 1960

DAY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	5,800	4,890	3,320	5,030	3,360	1,000	717	558	657	466	653	1,040
2	5,750	5,110	3,290	4,860	3,580	959	1,230	539	597	539	633	1,032
3	5,660	5,140	3,540	4,660	3,500	915	2,740	516	560	597	621	1,080
4	5,460	5,140	3,770	4,420	3,030	870	2,770	489	535	593	625	1,130
5	5,270	5,200	3,950	4,120	2,370	838	2,530	469	524	645	672	1,180
6	5,100	5,270	4,120	3,840	2,350	817	2,450	456	511	647	731	1,270
7	4,890	5,260	4,230	3,580	2,940	800	2,180	461	492	605	750	1,420
8	4,670	5,200	4,350	3,420	3,020	783	1,970	454	475	621	729	1,420
9	4,550	5,140	5,120	3,330	2,750	760	1,770	459	459	758	982	1,360
10	4,450	5,110	5,590	3,260	2,320	731	1,360	462	462	1,060	1,030	1,280
11	4,430	5,020	5,880	3,200	2,110	704	1,110	471	473	1,230	860	1,540
12	4,380	5,030	6,340	3,150	2,110	684	877	482	560	1,330	806	1,600
13	4,320	5,140	7,010	3,080	2,180	758	756	498	569	1,430	830	1,520
14	4,330	5,260	7,850	3,020	2,290	787	682	512	605	1,540	901	1,420
15	4,300	5,200	8,600	2,940	2,400	690	635	558	686	1,690	992	1,410
16	4,280	5,110	9,080	2,820	2,510	659	603	619	787	1,570	1,040	1,480
17	4,120	5,010	9,050	2,590	2,620	645	581	603	806	1,320	1,020	1,580
18	4,060	4,890	9,140	2,250	2,680	641	571	552	735	1,070	1,010	1,660
19	4,200	4,770	8,990	1,940	2,710	676	562	511	645	920	1,050	1,680
20	4,230	4,650	8,400	1,750	2,520	717	544	489	575	860	1,150	1,610
21	4,180	4,540	7,850	1,660	2,500	748	526	623	527	820	1,280	1,470
22	4,140	4,380	7,420	1,630	2,430	796	512	647	496	771	1,390	1,330
23	4,090	4,210	7,100	1,610	2,360	796	539	945	476	731	1,450	1,220
24	4,070	4,030	6,790	1,580	2,330	739	522	1,220	462	737	1,420	1,150
25	4,060	3,920	6,510	1,590	2,320	676	518	1,310	450	804	1,290	1,130
26	4,060	3,790	6,240	1,700	2,300	637	573	1,370	445	840	1,140	1,140
27	4,080	3,700	5,990	2,010	2,180	649	615	1,420	442	813	1,040	1,140
28	4,100	3,600	5,750	2,270	1,860	676	639	1,400	444	760	1,010	1,130
29	4,230	3,460	5,530	2,320	1,480	688	643	1,220	440	715	1,050	1,250
30	4,440		5,400	2,870	1,220	723	621	952	444	690	1,040	1,520
31	4,650		5,190		1,080		585	762		688		1,720
MEAN	4,530	4,730	6,170	2,880	2,430	752	1,060	711	545	899	973	1,350
MAX.	5,800	5,270	9,140	5,030	3,580	1,000	2,770	1,420	806	1,690	1,450	1,720
MIN.	4,060	3,460	3,290	1,580	1,080	637	512	454	440	466	621	1,040

DAILY STAGES AND DISCHARGES

HATCHIE RIVER AT RIALTO, TENN.

Computed daily discharge in cubic feet per second for 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1,460	5,800	6,380	2,580	2,490	2,660	1,450	1,010	748	483	794	1,780
2	1,450	6,060	5,960	2,610	2,440	1,950	1,180	906	751	478	792	1,950
3	1,470	6,280	5,470	2,670	2,260	1,690	997	820	736	486	802	2,080
4	1,490	6,220	5,070	2,760	1,940	1,670	927	758	682	503	817	2,200
5	1,550	5,990	4,820	2,980	1,580	1,640	968	728	647	517	820	2,300
6	1,620	5,710	4,410	3,000	1,330	1,620	975	743	609	522	830	2,360
7	1,770	5,370	4,030	3,020	1,190	1,540	911	780	587	498	825	2,400
8	2,000	5,020	3,670	3,030	1,080	1,360	861	746	576	500	814	2,240
9	2,140	4,760	3,360	3,060	1,020	1,240	858	693	571	536	830	2,030
10	2,210	4,430	3,230	3,110	970	1,180	892	645	586	660	889	1,740
11	2,230	3,900	3,120	3,180	935	1,970	896	609	716	842	927	1,790
12	2,130	3,590	3,040	3,280	909	2,770	843	589	1,000	1,080	907	2,160
13	2,090	4,000	3,180	3,400	883	3,240	772	575	1,030	1,560	864	2,230
14	2,170	6,710	3,230	3,520	877	3,630	715	561	950	1,680	837	2,400
15	2,440	8,900	3,240	3,560	901	4,310	680	527	875	1,870	811	2,530
16	2,830	12,800	3,240	3,460	946	4,430	777	609	780	2,000	802	2,580
17	3,120	14,700	3,220	3,370	1,020	4,070	761	614	693	2,190	798	2,750
18	3,310	11,900	3,180	3,270	1,080	3,800	705	623	638	2,370	812	3,030
19	3,690	9,980	3,160	3,180	1,090	3,740	682	679	608	2,560	857	3,250
20	4,220	8,960	3,120	3,000	1,000	3,760	686	783	591	2,750	910	3,560
21	4,640	8,200	3,280	3,000	944	3,780	808	892	578	2,920	940	3,840
22	4,780	7,680	3,330	3,040	878	3,740	1,040	946	571	3,100	948	4,100
23	4,800	7,860	3,180	2,960	855	3,700	3,490	867	559	3,090	940	4,630
24	5,290	7,240	3,410	2,860	891	3,780	3,590	797	546	2,500	915	5,420
25	6,340	7,310	3,320	2,690	1,000	4,120	2,950	777	530	1,600	894	6,710
26	6,440	7,350	3,270	2,580	1,130	4,130	2,220	760	522	1,130	882	7,480
27	6,420	7,160	3,240	2,530	1,460	3,750	1,680	754	503	963	935	7,690
28	5,830	6,840	3,160	2,520	2,240	2,900	1,400	732	480	898	1,150	7,480
29	5,390		3,070	2,510	2,620	2,290	1,200	704	486	864	1,390	7,000
30	5,190		2,990	2,510	2,850	1,790	1,130	686	483	841	1,610	6,390
31	5,360		2,620		2,880		1,080	650		815		5,980
Max	6,440	14,700	6,380	3,560	2,880	4,430	3,590	1,010	1,030	3,100	1,610	7,690
Min	1,450	3,590	2,620	2,510	855	1,180	680	527	480	478	792	1,740

TRIBUTARIES OF MISSISSIPPI RIVER

HATCHIE RIVER AT RIALTO, TENN.

Computed daily discharge in cubic feet per second for 1958

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5,160	3,550	3,500	3,730	7,360	1,800	1,120	2,030	823	5,090	780	1,540
2	4,970	3,580	3,110	3,710	9,140	1,410	1,250	2,020	775	5,090	779	1,570
3	4,780	3,590	2,700	3,770	9,730	1,210	1,210	1,840	782	5,060	786	1,690
4	4,590	3,620	2,420	4,220	9,140	1,100	1,070	1,470	736	5,010	802	1,850
5	4,380	3,700	2,280	4,360	8,360	1,040	885	1,130	691	4,950	833	1,980
6	4,150	3,940	2,240	4,480	7,640	1,030	701	963	678	4,850	874	2,040
7	3,870	4,290	2,570	4,560	8,610	1,060	592	885	743	4,770	888	2,010
8	3,590	4,450	3,290	4,420	10,200	1,060	834	817	801	4,630	880	1,870
9	3,310	4,420	3,950	4,270	11,900	1,040	643	766	790	4,430	852	1,670
10	3,000	4,250	4,180	4,200	13,700	1,020	701	735	749	4,060	828	1,490
11	2,630	4,010	4,220	4,020	14,600	1,010	911	716	710	3,150	811	1,340
12	2,290	3,670	4,160	3,820	14,300	988	1,120	690	692	2,020	801	1,240
13	2,150	3,340	3,970	3,690	12,800	939	1,300	675	685	1,410	801	1,170
14	2,130	3,050	3,660	3,610	11,500	885	1,530	672	709	1,170	805	1,140
15	2,120	2,810	3,360	4,420	11,000	844	1,700	654	776	1,030	951	1,110
16	2,110	2,590	3,210	4,760	10,300	827	1,750	643	915	989	888	1,080
17	2,120	2,300	3,240	4,940	9,700	814	1,800	659	1,150	952	924	1,060
18	2,150	2,100	3,610	4,820	8,890	793	1,840	686	1,130	912	1,200	1,030
19	2,220	1,920	3,720	4,590	8,060	774	1,850	693	978	883	1,590	1,020
20	2,400	1,750	3,660	4,400	7,520	774	1,660	674	1,470	864	1,900	1,020
21	3,650	1,640	3,490	4,450	7,130	812	1,340	691	1,950	852	2,150	1,030
22	4,220	1,590	3,240	4,450	6,670	892	1,090	722	2,110	834	2,240	1,050
23	4,500	1,560	3,580	4,480	6,300	918	966	712	2,240	830	2,250	1,070
24	4,450	1,590	4,960	4,540	5,880	849	904	674	2,310	818	2,260	1,080
25	4,260	1,660	5,050	5,380	5,470	825	971	645	2,460	811	2,280	1,070
26	3,950	1,760	4,890	5,580	5,070	825	1,140	637	2,710	805	2,300	1,090
27	3,700	3,500	4,540	5,950	4,660	806	1,360	657	3,170	802	2,260	1,160
28	3,570	3,740	4,230	6,370	4,330	793	1,550	744	3,810	803	2,150	1,290
29	3,530		4,080	7,130	3,950	812	1,720	852	4,480	798	1,900	1,410
30	3,510		3,930	7,290	3,400	925	1,860	908	4,950	790	1,660	1,450
31	3,510		3,830		2,540		1,960	881		782		1,460
Max.	5,160	4,450	5,050	7,290	14,600	1,800	1,960	2,030	4,950	5,090	2,300	2,040
Min.	2,110	1,560	2,240	3,610	2,540	774	592	637	678	782	779	1,020

DAILY STAGES AND DISCHARGES

HATCHIE RIVER AT RIALTO, TENN.

Computed daily discharge in cubic feet per second for 1957.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1450	20900	6150	2880	3260	5860	1950	1480	509	2920	1780	10200
2	1210	19100	6010	2950	3120	5690	2210	1410	502	2120	1740	9080
3	1040	13800	5670	3060	2770	5310	2720	1410	504	1420	1700	8090
4	983	13800	5280	5280	2160	5000	3400	1500	485	1120	1520	7620
5	968	21300	5040	6400	1650	4590	3510	1440	474	1080	1380	7100
6	1000	26700	4870	6850	1390	4020	3360	1360	472	1170	1280	7030
7	1110	29600	4810	6850	1280	3810	3180	1150	482	1310	1420	9020
8	1250	29400	4880	6670	1230	4160	3100	995	482	1460	4030	10600
9	1390	26100	4940	6420	1140	4700	3220	920	485	1540	4640	12800
10	1510	22000	4960	10600	1050	4940	3360	844	485	1500	4990	12600
11	1600	18600	4890	17400	971	5040	3550	765	482	1330	4700	11000
12	1670	15700	4890	17800	906	4930	3660	699	487	1150	4140	9700
13	1690	13300	4940	14900	883	5080	3640	686	502	1030	4080	8740
14	1590	11000	5270	12300	1020	5040	3300	2870	634	949	4940	7740
15	1380	10300	5860	10200	930	4760	2340	5300	673	888	5350	6980
16	1180	10000	6100	8710	856	4480	1520	4810	686	906	5690	6390
17	1020	8890	5810	7620	838	4260	1380	3720	878	861	7310	6040
18	930	8090	5380	6930	844	4100	1370	2420	1160	825	10800	5940
19	856	7340	4860	6490	1550	4060	1270	1580	1340	861	17000	6350
20	797	6700	4510	6150	2520	4240	1340	1150	1500	906	20100	7690
21	743	6510	4090	5850	2360	4300	1410	908	1650	911	22400	9300
22	1090	6570	3750	6040	3040	4090	1440	797	1940	885	22600	10500
23	1580	6370	3430	6390	5760	3810	1440	727	2340	1410	21000	9590
24	2140	6060	3200	6240	6620	3400	1290	682	2860	1990	18800	8330
25	2660	6010	2970	5950	6130	2800	1130	649	3310	2450	17000	7620
26	3170	6130	2830	5390	5540	2140	1020	622	3590	2580	15400	7080
27	3570	6120	2890	4820	4920	1770	1050	605	3680	2210	13900	6480
28	4270	6120	2950	4210	4640	1810	1130	577	3640	1840	13000	6190
29	5620		2910	3730	5040	1900	1230	555	3540	1710	12000	5860
30	7770		2830	3450	5790	1940	1400	538	3340	1730	11000	5580
31	17400		2880		6040		1430	523		1770		5390
Max.	17400	29600	6150	17800	6620	5860	3660	5300	3680	2920	22600	12800
Min.	743	6010	2830	2880	838	1770	1020	523	472	825	1280	5390

DAILY STAGES AND DISCHARGES

HATCHIE RIVER AT RIALTO, TENN.

Computed daily discharge in cubic feet per second for 1956

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	754	9040	7500	1600	4670	838	2410	599	412	330	376	457
2	726	8640	7070	1470	4230	806	2340	538	396	330	384	443
3	700	8870	6760	1480	3780	764	2150	502	382	322	384	430
4	670	8600	6400	1900	3170	716	1930	472	373	322	384	423
5	664	8410	6060	2480	2840	688	1550	461	371	322	380	427
6	660	9040	5730	3200	2680	678	1180	450	362	322	391	430
7	649	16400	5600	3780	2780	660	957	439	349	322	400	438
8	635	22000	5520	4120	3030	635	822	429	340	333	400	441
9	616	24100	5240	4300	3270	612	728	423	328	351	394	448
10	599	24500	4980	4490	3430	588	666	412	321	364	393	468
11	594	23400	4630	4700	3480	565	645	411	315	364	389	500
12	590	20900	4300	4820	3550	542	622	407	340	349	384	527
13	586	17800	4070	5120	3610	540	584	394	349	331	382	542
14	588	15200	4860	6060	3630	536	556	367	335	321	378	561
15	588	14800	5290	7480	3660	533	548	373	313	313	387	635
16	586	14700	5540	8180	3640	533	535	364	299	313	398	814
17	590	16200	5370	8060	3460	548	512	391	288	312	414	1000
18	599	20800	5140	7770	3350	599	495	452	280	310	438	1150
19	614	23200	4880	7480	3520	722	481	448	280	310	476	1270
20	618	22000	4590	7020	3150	826	481	421	271	310	518	1410
21	637	18800	4300	6560	2280	862	468	380	265	312	546	1500
22	674	14600	4080	6150	1700	826	461	367	266	313	523	1580
23	750	11900	3930	5730	1400	776	448	371	275	317	506	1710
24	864	10800	3840	5320	1250	852	491	407	283	319	485	1760
25	926	9830	3760	5060	1150	895	664	497	297	324	478	1760
26	915	9090	3650	4810	1070	1430	746	563	299	333	478	1680
27	908	8330	3500	4530	996	2110	760	544	297	342	493	1660
28	950	7890	3270	4340	939	2590	758	491	290	360	506	1690
29	3230	7740	2930	4210	948	2620	726	456	299	366	495	1750
30	12600		2430	4570	926	2510	688	436	317	371	476	1790
31	12300		1940		854		660	425		376		1700
Max.	12600	24500	7500	8180	4670	2620	2410	599	412	376	546	1790
Min.	586	7740	1940	1470	854	533	448	364	265	310	376	423

DAILY STAGES AND DISCHARGES

HATCHIE RIVER AT RIALTO, TENN.

Gage.--Automatic recorder and staff gage, attached to downstream side of U.S. Highway 51 bridge (Mile 34.0); both zeros, 239.66 feet, m. s. l. (1929 adj.) or 239.96 feet, m.g. l. The mouth of Hatchie River is 774.2 miles upstream from Head of Passes.

Discharge range.--Upstream side of highway bridge.

Records available.--Discharge (including computed daily), 1939 to date. Gage, Jan. 7, 1939, to date (High-water readings, 1932 to date). Stages prior to 1950 refer to staff gage at railroad trestle (Mile 35.0); this gage was abandoned after Nov. 25, 1950. Records prior to 1953 refer to datum at -0.30 foot, m.s.l. or 0.0, m.g.l.

Drainage area.--2,233 square miles.

Channel and control.--Stable bed of sand and mud. Stage-discharge relation is fairly good except when affected by backwater from the Mississippi River.

Extremes of discharge.--Maximum, 55,700 c.f.s.(computed) on Jan. 13, 1946, at a stage of 22.9 feet; discharge not determined for maximum stage of 23.5 feet on Jan. 22, 23 and 25, 1937. Minimum, 180 c.f.s.(computed) on July 9 and 10, and Nov. 3 and 4, 1943, at a stage of 0.0 foot.

Computed daily discharge in cubic feet per second for 1955

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1,050	768	3,410	16,200	6,240	4,740	836	3,880	459	816	389	1,000
2	1,140	754	3,370	13,900	5,750	4,280	952	4,140	533	1,000	416	908
3	1,260	744	3,410	11,900	5,340	4,010	1,000	4,220	664	878	452	1,130
4	1,280	768	3,480	10,400	4,930	3,860	981	4,050	670	714	466	1,130
5	1,230	1,670	3,580	9,210	4,720	3,820	1,090	3,230	586	650	466	957
6	1,050	2,300	4,290	9,590	4,370	4,290	1,060	1,960	489	586	466	1,000
7	924	2,810	4,810	9,930	3,920	4,420	2,150	1,250	459	533	472	1,130
8	846	3,010	4,930	10,900	3,100	3,410	2,460	1,000	434	506	478	1,260
9	800	2,970	4,970	9,930	2,080	3,230	2,660	950	418	656	487	1,370
10	776	2,840	4,980	8,770	1,490	1,670	2,510	1,110	407	622	498	1,480
11	754	2,640	4,970	7,740	1,280	1,570	2,510	1,350	393	563	495	1,490
12	740	2,480	4,820	7,070	1,320	1,600	2,460	1,540	380	559	483	1,350
13	728	2,400	4,530	9,350	1,500	1,620	2,230	1,590	373	612	481	1,130
14	724	2,360	4,240	11,100	1,350	1,600	1,920	1,370	367	582	476	972
15	730	2,360	4,020	13,200	1,220	1,540	1,790	1,190	360	552	474	884
16	730	2,430	3,890	11,600	1,100	1,490	2,170	1,110	358	527	487	830
17	722	2,500	3,860	10,700	1,010	1,390	2,620	1,110	349	510	489	788
18	716	2,510	4,100	10,500	972	1,300	2,820	1,100	346	498	504	760
19	748	2,250	4,570	10,100	957	1,330	2,880	985	342	487	599	728
20	756	2,080	5,420	10,500	948	1,450	2,880	848	340	476	645	704
21	776	2,900	6,900	12,900	946	1,540	2,800	750	339	465	684	716
22	802	3,950	9,550	13,700	961	1,500	2,630	672	335	452	758	766
23	848	5,320	13,600	14,000	1,350	1,310	2,580	607	340	441	996	862
24	939	5,700	16,900	12,500	1,780	1,080	2,870	582	394	434	1,220	928
25	994	5,730	17,400	10,300	1,800	985	3,150	552	445	420	1,400	926
26	1,030	5,300	16,800	8,840	1,880	946	3,270	529	367	416	1,460	886
27	1,060	4,500	21,200	7,770	2,650	889	3,200	508	357	409	1,410	858
28	1,040	3,850	27,200	7,160	3,650	794	3,120	485	367	411	1,290	850
29	944		27,600	6,880	4,980	768	3,140	468	429	412	1,200	844
30	856		24,500	6,650	5,800	764	3,270	457	514	400	1,110	808
31	798		19,700		5,470		3,540	450		387		782
Max.	1,280	5,730	27,600	16,200	6,240	4,740	3,540	4,220	670	1,000	1,460	1,490
Min.	716	744	3,370	6,650	946	764	836	450	335	387	389	704

HATCHIE RIVER AT RIALTO, TENN.--Continued

Computed daily discharge in cubic feet per second for 1954

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	983	8,040	7,100	1,550	4,030	1,100	480	491	364	531	420	430
2	1,070	7,560	6,880	1,500	4,610	1,290	463	448	366	487	438	443
3	1,130	7,480	7,020	1,510	5,520	1,520	448	421	362	497	461	456
4	1,090	7,160	6,970	1,530	6,150	1,630	480	411	366	478	468	483
5	1,000	6,810	6,920	1,550	6,220	1,660	476	400	366	478	463	519
6	937	6,400	6,720	1,580	5,480	1,590	429	391	367	544	452	533
7	895	5,990	6,380	1,570	4,630	1,560	403	391	362	588	445	533
8	871	5,600	5,970	1,500	3,860	1,610	434	398	342	578	447	536
9	860	5,240	5,650	1,460	3,260	1,710	450	420	356	529	447	546
10	1,340	4,730	5,260	1,490	2,930	1,720	441	436	342	474	461	563
11	1,730	4,220	4,870	1,680	2,770	1,550	427	441	344	443	476	605
12	1,800	3,660	4,390	2,120	2,710	1,230	423	448	340	421	476	639
13	1,650	2,900	4,130	2,440	2,750	977	421	445	337	414	468	632
14	1,710	2,100	3,700	2,420	2,780	882	418	427	333	409	461	607
15	3,210	1,570	3,100	2,300	2,810	802	420	398	342	400	452	632
16	5,030	1,600	2,470	2,330	2,760	772	414	385	340	394	456	650
17	5,800	2,000	1,960	2,370	2,500	750	414	375	337	393	457	647
18	5,870	2,480	1,700	2,460	2,170	722	409	369	340	393	457	650
19	5,800	2,880	1,570	2,490	1,980	688	405	369	344	389	466	670
20	6,860	4,130	1,480	2,480	1,940	666	387	387	351	391	476	700
21	8,810	4,680	1,380	2,570	1,900	647	391	378	358	393	483	706
22	13,700	5,430	1,360	2,660	1,760	654	396	414	371	393	502	668
23	18,600	9,420	1,440	2,740	1,510	650	483	414	369	391	508	633
24	19,200	11,900	1,760	2,810	1,280	626	614	430	366	393	498	605
25	17,800	10,600	1,930	2,900	1,140	597	724	436	369	396	483	597
26	14,100	9,080	2,130	2,980	1,090	573	846	418	371	400	468	548
27	12,500	8,210	2,210	3,020	1,080	554	924	407	385	416	456	527
28	11,400	7,650	2,040	2,990	1,010	536	889	394	418	427	441	776
29	10,700		1,870	3,110	1,070	521	748	385	430	412	425	979
30	9,620		1,730	3,420	1,010	500	626	378	439	405	418	1,090
31	8,600		1,620		1,020		542	362		405		1,020
Mean	6,280	5,700	3,670	2,250	2,770	1,010	510	409	363	441	461	633
Max.	19,200	11,900	7,100	3,420	6,220	1,720	924	491	439	588	508	1,090
Min.	860	1,570	1,360	1,460	1,010	500	387	362	333	389	418	430

Memphis District, Corps of Engineers.

HATCHIE RIVER AT RIALTO, 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	0.895	2.75	7.92	8.27	5.52	6.45	0.760	3.18	0.480	0.446	0.480	0.611
2	.902	2.90	7.77	7.83	5.35	5.90	.722	3.82	.476	.446	.476	.588
3	.930	3.00	8.50	7.89	5.32	5.48	.710	4.59	.469	.445	.472	.588
4	.974	3.02	10.4	7.48	6.74	5.07	.698	5.35	.466	.441	.467	.584
5	1.04	2.98	14.1	6.83	9.55	4.33	.676	5.35	.462	.436	.460	.650
6	1.07	2.93	13.0	6.51	12.6	3.39	.662	5.00	.459	.435	.455	1.33
7	1.08	2.93	9.86	6.08	14.2	2.30	.904	4.47	.459	.427	.452	1.71
8	1.28	2.91	8.30	5.73	15.7	1.66	.814	3.51	.455	.422	.446	1.84
9	1.27	2.89	7.50	5.48	16.8	1.44	.871	2.15	.455	.418	.442	1.76
10	1.40	2.91	7.10	5.06	15.2	1.30	.913	1.28	.456	.417	.438	1.76
11	1.43	4.07	7.53	4.59	13.1	1.20	.842	.997	.457	.413	.442	1.79
12	1.46	5.14	8.57	4.21	11.6	1.12	.746	.889	.452	.410	.449	1.82
13	1.53	6.04	8.87	4.04	10.4	1.05	.682	.840	.443	.407	.456	1.80
14	1.62	7.48	9.11	4.05	9.86	1.03	.632	.802	.435	.410	.463	1.70
15	1.71	10.1	10.6	4.11	9.86	.994	.588	.754	.427	.411	.469	1.52
16	1.79	11.6	9.55	4.22	11.5	.935	.548	.746	.427	.410	.478	1.30
17	1.84	11.2	8.77	4.49	20.3	.895	.535	.720	.428	.406	.485	1.15
18	1.82	12.0	10.8	5.06	25.6	.864	.527	.704	.429	.401	.497	1.06
19	1.70	15.6	10.3	5.75	22.4	.850	.635	.690	.434	.401	.502	1.02
20	1.52	17.1	9.35	6.08	18.4	.836	.800	.718	.434	.401	.514	.990
21	1.37	16.2	8.15	6.02	18.9	.802	1.62	.762	.435	.413	.529	.946
22	1.39	14.3	7.59	5.75	20.2	.768	4.33	.714	.439	.421	.635	.908
23	1.75	13.3	8.24	5.34	20.1	.738	4.99	.664	.446	.431	.694	.871
24	1.89	12.4	8.53	5.14	18.6	.720	4.38	.626	.448	.439	.718	.852
25	1.91	11.4	9.59	5.30	16.4	.702	3.41	.595	.450	.448	.744	.852
26	1.99	10.4	9.49	5.21	13.6	.692	2.74	.576	.450	.457	.800	.846
27	2.08	9.32	8.70	4.88	11.1	.686	2.45	.556	.452	.497	.860	.830
28	2.18	8.36	8.30	4.54	9.32	.700	2.36	.538	.450	.512	.840	.820
29	2.25		7.89	4.48	8.36	.784	2.40	.523	.448	.504	.766	.810
30	2.37		7.65	5.52	7.68	.810	2.53	.510	.446	.491	.676	.826
31	2.49		8.09		6.99		2.78	.493		.487		.897
Mean	1.58	8.04	9.04	5.53	13.3	1.820	1.56	1.71	.449	.436	.554	1.13
Max.	2.49	17.1	14.1	8.27	25.6	6.450	4.99	5.35	.480	.512	.860	1.84
Min.	.895	2.75	7.10	4.04	5.32	.686	.527	.493	.427	.401	.438	.584

Memphis District, Corps of Engineers.

HATCHIE RIVER AT RIALTO, TENN.

Gage.--Automatic recorder and staff gage, attached to downstream side of U. S. Highway 51 bridge (Mile 34.0); both zeros, -0.30 foot, m.s.l. (1929 adj.) or 0.0 m.g.l. The mouth of Hatchie River is 774.2 miles upstream from Head of Passes. Records prior to 1950 refer to staff gage at railroad trestle (Mile 35.0); this gage was abandoned after Nov. 25, 1950.

Discharge range.--Upstream side of highway bridge.

Records available.--Discharge (Including computed daily), 1939 to date. Gage, Jan. 7, 1939, to date (High water readings, 1932 to date.)

Drainage area.--2,233 square miles.

Channel and control.--Stable bed of sand and mud. Stage-discharge relation is fairly good except when affected by backwater from the Mississippi River.

Extremes of discharge.--Maximum, 55,700 c.f.s. (computed) on Jan. 13, 1946, at a stage of 262.9 feet; discharge not determined for maximum stage of 263.5 feet on Jan. 22, 23, and 25, 1937. Minimum 180 c.f.s. (computed) on July 9 and 10, and Nov. 3 and 4, 1943, at a stage of 240.0 feet.

Computed daily discharge in cubic feet per second for 1952

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	7160	8380	4700	5670	2230	1770	567	506	569	466	442	1040
2	6830	8500	4580	6290	2250	1730	567	510	1260	456	441	1180
3	6880	9930	5100	7450	2290	1600	584	612	1180	452	439	1170
4	7560	12,400	5830	8870	2340	1410	624	826	1190	442	439	1250
5	7740	14,800	6510	8840	2390	1250	756	906	979	434	445	1300
6	8090	15,000	7210	7890	2420	1250	788	862	848	429	453	1480
7	7740	13,800	8060	6810	2390	1390	742	728	810	424	466	1650
8	7330	12,000	8940	5970	2180	1260	664	626	760	418	489	1750
9	6810	10,600	8870	5320	1850	1160	603	676	668	422	514	1880
10	6430	9490	9520	4870	1760	1220	559	806	605	432	552	2180
11	6110	8570	11,100	4590	1760	1290	519	926	561	448	584	2140
12	5760	7860	13,600	4490	1640	1270	512	1030	538	480	658	1960
13	5450	8700	15,200	4930	1670	1150	546	1180	529	535	760	1740
14	5220	8500	11,500	5730	1560	1030	590	1400	538	578	922	1500
15	4920	8500	8570	5500	1510	952	578	1560	616	614	1120	1360
16	4610	8570	6630	5120	1460	897	557	1610	676	611	1210	1280
17	4300	8120	5600	4730	1370	848	544	1540	637	576	1160	1180
18	4060	7270	5450	4100	1280	802	540	1380	590	523	1060	1100
19	3900	6540	5730	3520	1210	760	527	1280	586	493	1110	1040
20	3990	7420	7650	3140	1160	732	514	1240	592	467	939	1000
21	4090	7270	8670	2980	1120	694	510	1150	588	455	950	983
22	5140	6990	9180	3050	1150	641	502	1060	571	446	1060	968
23	5620	6790	9960	3470	1250	599	500	992	548	439	1110	961
24	5950	6540	10,600	3440	1380	571	495	1000	531	432	1120	968
25	5870	6180	8940	3340	1400	576	495	1010	518	435	1070	983
26	5650	5830	7560	3150	1360	590	491	828	508	435	968	985
27	5430	5540	7070	2910	1300	574	493	768	500	435	869	974
28	5140	5240	6670	2610	1320	563	497	722	491	435	830	957
29	5030	4940	6060	2380	1440	552	495	670	483	438	832	937
30	5730		5550	2260	1610	552	510	626	476	438	902	917
31	7300		5320		1710		506	594		439		915
Mean	5870	8630	7930	4780	1670	989	560	956	665	469	797	1280
Max.	8090	15,000	15,200	8870	2420	1770	788	1610	1260	614	1210	2180
Min.	3900	4940	4580	2260	1120	552	491	506	476	418	439	915

ARMY, CE MEMPHIS (CLASS A)

HATCHIE RIVER AT RIALTO, TENN.

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	1.76	4.67	8.53	7.78	5.06	.814	1.26	.936	.505	.692	1.85	3.13
2	1.72	4.67	8.88	8.88	4.73	.776	1.54	1.02	.505	.674	1.92	2.92
3	3.48	4.67	8.84	9.81	4.50	.766	1.66	1.03	.516	.630	1.79	2.98
4	5.62	4.67	8.65	11.6	4.35	.811	1.87	.974	.524	.598	1.54	3.77
5	8.08	4.65	8.14	16.6	4.20	.869	2.19	.934	.527	.577	1.44	3.73
6	9.89	4.50	7.41	17.6	4.09	.874	2.31	.934	.522	.564	1.56	3.36
7	10.4	5.70	6.68	15.6	3.94	.833	2.22	.905	.519	.551	1.70	2.88
8	9.85	8.38	6.21	12.9	3.72	.914	2.18	.828	.521	.546	1.54	2.84
9	9.89	14.9	5.31	11.2	3.36	1.94	2.23	.744	.527	.538	1.33	3.61
10	10.7	16.6	5.12	9.89	2.84	2.55	2.38	.694	.545	.532	1.17	3.96
11	13.8	17.6	5.00	8.96	2.27	2.44	2.56	.628	.569	.527	1.09	4.15
12	16.0	17.0	4.87	8.20	1.79	1.95	2.66	.612	.598	.524	1.04	4.19
13	16.9	16.6	4.91	7.50	1.52	1.66	2.70	.598	.941	.522	.965	4.15
14	22.6	15.9	4.91	6.93	1.38	1.62	2.78	.598	.958	.522	.941	4.27
15	28.6	15.4	4.87	6.36	1.28	1.58	2.74	.656	.794	.524	1.26	4.63
16	27.7	15.1	4.60	5.82	1.22	1.42	2.19	.716	.702	.527	1.74	7.20
17	22.8	14.1	4.46	5.47	1.20	1.18	1.46	.686	.674	.529	2.02	15.6
18	17.8	13.9	5.74	5.34	1.17	.998	1.11	.732	.646	.529	2.19	16.0
19	16.2	13.8	5.52	5.25	1.16	.924	.979	.622	.626	.530	2.30	13.8
20	13.2	13.0	5.46	4.65	1.14	.922	.931	.596	.602	.530	2.43	13.6
21	10.8	12.1	5.17	4.42	1.12	1.01	.890	.586	.577	.532	2.54	13.7
22	9.14	11.1	4.99	4.61	1.10	1.22	.828	.584	.778	.534	2.67	13.7
23	8.08	10.6	4.61	5.22	1.06	1.29	.770	.572	.811	.540	2.81	13.7
24	7.26	9.81	4.11	7.81	1.02	1.25	.756	.569	.787	.542	3.31	13.4
25	6.48	9.19	3.89	9.46	.994	1.17	.776	.556	.934	.554	3.65	12.6
26	5.99	8.42	3.90	9.73	.950	1.08	.748	.543	.780	.598	3.80	11.7
27	5.52	8.14	4.02	8.49	.934	.984	.741	.532	.738	.674	3.82	11.0
28	5.20	8.08	4.57	7.20	.926	.893	.919	.529	.764	.744	3.70	10.4
29	5.02		4.99	6.18	.898	.857	1.00	.521	.726	.792	3.57	9.42
30	4.79		5.50	5.44	.859	.936	1.05	.510	.690	.864	3.33	8.38
31	4.69		6.70		.818		.934	.502		1.12		7.57
Mean	11.0	10.8	5.70	8.50	2.12	1.22	1.59	.692	.664	.602	2.17	7.95
Max.	28.6	17.6	8.88	17.6	5.06	2.55	2.78	1.03	.958	1.12	3.82	16.0
Min.	1.72	4.50	3.89	4.42	.818	.766	.741	.502	.505	.522	.941	2.84

ARMY, 25 MEMPHIS (CLASS 2)

HATCHIE RIVER AT RIALTO, 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	4.22	26.6	6.89	6.66	2.50	1.87	0.977	1.34	6.09	1.45	0.929	3.96
2	4.44	37.9	6.38	5.91	2.73	1.85	.914	1.37	6.60	1.36	.907	3.93
3	5.23	34.8	5.93	5.26	3.00	2.19	.869	1.67	5.97	1.25	.890	4.27
4	6.04	27.1	5.30	4.94	3.08	2.48	.838	1.76	7.93	1.14	.907	4.44
5	8.82	21.4	4.75	4.68	3.15	2.92	8.06	1.66	8.92	1.08	1.01	4.69
6	10.4	17.8	4.27	4.64	3.59	3.42	.794	1.45	10.2	1.03	1.24	5.68
7	10.1	15.8	3.95	4.66	4.97	3.67	.912	1.23	10.7	.991	1.45	6.84
8	10.0	14.1	3.77	4.72	5.50	3.82	.960	1.05	11.1	.965	1.69	7.90
9	11.7	12.8	4.04	4.78	6.11	3.59	1.04	.914	11.3	.926	2.08	9.44
10	15.1	11.4	3.56	4.83	7.22	3.46	1.09	.914	11.0	.905	2.49	10.3
11	18.0	10.2	3.71	4.74	7.60	3.34	1.09	.996	10.5	.886	2.70	9.90
12	24.9	9.59	4.24	4.48	7.34	3.31	.979	1.03	10.1	.888	2.83	9.07
13	27.9	14.2	6.75	4.22	6.63	3.37	.890	1.11	10.1	.898	2.92	8.01
14	27.2	16.2	9.26	3.87	5.84	3.46	.890	1.25	10.3	.905	3.04	7.34
15	24.8	17.8	11.7	3.56	5.06	3.52	.881	1.38	10.3	.883	3.21	6.92
16	23.3	17.3	10.9	3.29	4.40	3.48	.850	1.50	9.94	.854	3.91	6.57
17	22.4	14.8	10.1	2.93	3.85	3.38	.850	1.56	9.18	.835	4.32	6.36
18	23.6	13.0	9.18	2.57	3.46	3.23	.931	1.59	8.16	.821	4.74	6.16
19	23.2	11.7	8.71	2.26	3.20	3.08	.943	1.61	7.25	.804	5.57	5.95
20	21.9	11.6	10.8	2.00	3.06	2.87	1.14	1.55	6.46	.797	7.10	5.71
21	21.5	12.7	12.2	1.78	3.07	2.50	1.23	1.57	5.82	.787	7.69	5.35
22	19.8	14.1	12.1	1.62	3.11	1.91	1.30	1.66	5.18	.785	7.63	5.06
23	17.4	13.6	11.4	1.51	3.11	1.49	1.31	1.73	4.69	.809	7.19	4.76
24	14.5	12.0	10.4	1.44	2.98	1.34	1.24	1.71	4.24	1.00	6.27	4.47
25	13.0	10.2	9.33	1.39	2.75	1.37	1.15	2.82	3.78	1.19	5.37	4.24
26	12.3	8.74	8.38	1.40	2.54	1.44	1.60	4.44	3.16	1.31	4.74	3.99
27	11.8	7.80	9.03	1.65	2.38	1.48	1.78	5.95	2.24	1.37	4.31	3.71
28	11.8	7.28	9.70	2.00	2.27	1.43	1.84	6.04	1.71	1.35	4.09	3.36
29	12.4		9.40	2.27	2.12	1.24	1.56	5.64	1.65	1.21	4.00	2.85
30	11.4		8.85	2.40	2.00	1.08	1.36	4.80	1.57	1.20	3.96	2.30
31	13.6		7.69		1.87		1.34	5.39		.984		1.95
Mean	15.6	15.8	7.83	3.42	3.89	2.59	1.11	2.22	7.20	1.02	3.64	5.66
Max.	27.9	37.9	12.2	6.66	7.60	3.82	1.84	6.04	11.3	1.45	7.69	10.3
Min.	4.22	7.28	3.56	1.39	1.87	1.08	.794	.914	1.57	.785	.890	1.95

Memphis District, Corps of Engineers.

HATCHIE RIVER AT RIALTO, 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	3.72	15.4	4.43	10.7	3.72	1.95	4.05	1.13	1.23	0.494	1.23	0.961
2	3.37	13.8	4.43	11.6	3.29	4.69	3.89	1.04	1.04	.496	1.10	.956
3	3.23	12.1	4.40	14.3	3.06	5.88	3.72	1.01	.889	.498	.973	.952
4	3.47	10.7	4.24	14.6	3.00	5.36	3.50	.978	.809	.510	1.07	.947
5	4.46	10.2	4.14	13.2	2.92	4.70	2.62	.935	.791	.681	1.24	.942
6	7.05	9.76	4.05	10.9	2.72	2.86	1.59	.860	.749	1.44	1.42	.935
7	10.7	8.75	3.90	9.20	2.58	1.83	1.27	.793	.771	1.22	1.53	.947
8	11.5	7.68	3.90	7.68	2.42	1.23	1.09	.760	.884	.971	1.56	.933
9	12.9	6.66	4.09	6.92	2.48	.954	1.00	.814	.949	.814	1.41	.942
10	17.7	5.93	4.93	13.7	2.69	.886	.937	.914	.926	.949	1.27	.994
11	20.4	5.29	5.35	14.6	2.84	.971	.872	.949	.877	1.03	1.13	2.85
12	19.5	4.99	5.33	13.3	2.81	1.15	.867	.937	.795	.994	1.06	6.72
13	16.7	4.75	4.93	10.7	2.70	1.41	.954	.947	1.04	1.10	1.06	9.47
14	14.3	4.48	4.27	8.22	2.50	2.18	1.25	1.00	.816	1.11	1.14	8.77
15	11.9	4.97	3.76	7.02	2.26	4.39	1.35	1.26	.679	.947	1.33	8.44
16	11.1	5.49	3.46	6.39	2.16	5.24	1.73	1.47	.645	.889	1.46	8.09
17	10.7	5.23	3.23	5.40	2.16	5.56	1.70	1.54	.620	.930	1.55	6.88
18	10.7	5.17	3.53	5.16	2.12	5.07	1.93	1.63	.620	.980	1.58	6.46
19	10.8	5.07	3.75	4.73	2.12	4.06	2.27	1.93	.620	1.03	1.60	6.75
20	10.3	4.97	3.88	4.66	1.92	3.82	2.36	2.11	.613	.988	1.50	6.46
21	10.3	4.76	4.04	4.60	1.78	4.46	2.30	2.16	.592	.921	1.35	5.96
22	10.3	4.36	4.21	4.56	2.14	7.02	2.22	2.14	.600	.996	1.23	5.73
23	10.6	4.17	4.32	4.55	2.43	7.02	2.14	2.02	.611	1.17	1.15	5.71
24	12.3	4.07	4.32	4.52	2.42	6.26	2.04	1.85	.600	1.44	1.12	5.81
25	12.0	4.08	4.27	4.52	2.42	5.44	1.84	1.67	.580	1.68	1.10	5.73
26	12.4	4.17	4.79	4.52	2.62	4.99	1.25	1.54	.567	1.77	1.10	5.59
27	17.4	4.29	5.09	4.52	2.30	4.69	1.09	1.36	.548	1.77	1.08	5.49
28	24.2	4.42	5.69	4.50	1.96	4.52	1.19	1.23	.530	1.75	1.05	5.28
29	25.0		6.90	4.30	1.69	4.32	1.36	1.47	.510	1.66	1.00	5.09
30	19.6		10.4	4.04	1.47	4.24	1.43	1.66	.492	1.58	.985	4.82
31	16.6		11.4		1.26		1.26	1.53		1.45		4.47
Mean	12.4	6.63	4.82	7.92	2.42	3.91	1.84	1.34	.733	1.11	1.25	4.52
Max.	25.0	15.4	11.4	14.6	3.72	7.02	4.05	2.16	1.23	1.77	1.60	9.47
Min.	3.23	4.07	3.23	4.04	1.26	.886	.867	.760	.492	.494	.973	.933

Memphis District, Corps of Engineers.

HATCHIE RIVER AT RIALTO, 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	2.35	2.09	16.4	5.57	3.30	0.839	1.50	1.56	0.528	1.04	0.532	14.4
2	2.93	2.02	17.9	5.91	2.81	.839	1.39	1.76	.528	1.08	.555	12.9
3	3.35	1.88	19.0	6.52	2.58	.860	1.27	1.86	.528	1.11	.590	11.8
4	3.37	2.38	19.6	6.41	2.42	.820	.901	1.92	.559	1.11	.594	11.0
5	3.20	3.01	18.1	6.22	2.30	.780	.473	1.73	.668	1.04	1.26	10.4
6	3.08	4.20	17.3	6.15	2.12	.740	.526	1.44	.814	.966	2.92	10.1
7	2.98	4.78	16.4	5.73	2.17	.699	.802	1.11	.884	.832	3.64	9.61
8	3.08	5.31	16.0	6.41	2.30	.679	.749	1.14	.942	.758	3.66	9.21
9	3.37	5.31	13.3	6.05	3.32	.647	.724	.919	1.11	.717	3.67	8.99
10	3.62	4.39	10.9	6.20	3.04	.638	.705	.814	1.28	.708	3.72	8.42
11	4.23	3.07	9.55	7.15	2.85	.634	.686	.735	1.35	.701	3.65	7.39
12	4.75	6.17	8.61	8.30	2.69	.629	.668	.679	1.36	.672	3.59	6.98
13	5.71	9.06	7.82	9.02	2.44	.622	.638	.679	1.26	.666	3.32	6.57
14	6.39	14.4	7.24	9.46	2.44	.624	.613	.679	1.04	.661	2.96	6.15
15	6.69	30.5	6.46	10.0	2.52	.627	.600	.679	.884	.629	2.48	6.20
16	6.46	36.2	7.58	10.2	3.50	.825	.570	.679	.758	.622	1.99	7.34
17	6.45	43.8	8.35	9.12	3.53	1.01	.600	.656	.690	.618	1.52	10.3
18	6.18	50.4	8.88	8.66	3.64	1.56	1.36	.656	.645	.602	1.51	11.1
19	5.12	51.9	8.83	8.13	3.70	2.25	1.68	.656	.611	.586	3.64	10.7
20	4.44	44.2	7.94	7.36	3.67	2.44	1.95	.634	.590	.580	4.50	8.42
21	3.42	34.4	6.13	7.20	3.54	2.18	2.02	.634	.570	.584	5.85	6.79
22	2.95	26.8	6.46	6.79	3.33	1.96	1.86	.611	.570	.596	6.50	6.24
23	2.89	19.1	7.27	6.24	2.84	1.82	2.09	.590	.565	.622	7.84	5.48
24	2.78	14.7	7.84	5.93	2.30	1.95	2.38	.580	.565	.638	11.9	4.84
25	2.72	11.9	7.48	5.57	1.57	1.97	2.30	.548	.559	.607	14.5	4.66
26	2.64	11.3	8.08	5.08	1.05	1.94	2.16	.508	.559	.598	19.7	4.32
27	2.58	11.0	7.03	4.53	.985	1.77	2.57	.508	.634	.592	23.0	4.13
28	2.58	12.6	5.52	4.26	.848	1.70	1.95	.528	.712	.563	21.4	4.00
29	2.61	14.4	4.94	3.96	.848	1.65	1.83	.528	.791	.534	18.7	4.40
30	2.55		5.24	3.66	.832	1.61	1.73	.528	.978	.506	16.2	4.36
31	2.38		5.80		.814		1.55	.528		.520		4.33
Mean	3.80	16.6	10.3	6.73	2.46	1.24	1.32	.873	.784	.712	6.53	7.79
Max.	6.69	51.9	19.6	10.2	3.70	2.44	2.57	1.92	1.36	1.11	23.0	14.4
Min.	2.35	1.88	4.94	3.66	.814	.622	.473	.508	.528	.506	.532	4.00

Memphis District, Corps of Engineers.

HATCHIE RIVER AT RIALTO, 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	4.36	5.97	2.62	2.84	4.36	4.72	2.76	0.495	0.600	0.520	1.80	1.46
2	6.27	5.97	2.76	2.95	4.36	4.60	2.62	.495	.690	.520	2.48	1.22
3	9.80	5.54	2.21	3.07	4.36	4.60	2.55	.475	.620	.495	2.69	1.16
4	11.6	5.40	2.36	3.15	4.02	4.60	2.48	.455	.578	.495	2.69	1.12
5	11.9	4.99	2.36	3.15	3.52	4.48	2.48	.455	.520	.600	2.76	1.06
6	11.6	4.99	2.69	3.15	2.84	4.36	2.41	.455	.475	.540	2.76	1.04
7	11.0	5.13	2.92	3.15	2.56	4.24	2.04	.455	.455	.540	2.92	1.02
8	11.0	5.13	3.07	3.15	2.26	4.12	1.55	.435	.455	.531	2.99	1.02
9	10.4	5.13	3.81	2.99	1.99	4.12	1.14	.435	.475	.520	3.07	1.02
10	11.6	5.13	4.12	2.99	1.88	3.92	.990	.495	.455	.495	3.33	1.06
11	12.9	4.86	4.36	3.15	1.64	3.61	.940	.520	.495	.495	3.81	1.14
12	12.2	4.72	4.24	4.36	1.46	2.92	.850	.520	.690	.495	3.92	1.29
13	11.0	4.48	4.12	4.36	1.52	1.95	.760	.520	.870	.475	3.71	1.43
14	9.50	4.10	4.02	4.72	1.68	1.32	.735	.520	1.02	.455	3.61	1.58
15	9.20	3.43	3.92	4.86	2.24	1.06	.710	.495	1.19	.455	4.48	1.80
16	8.97	2.55	3.92	4.60	2.62	.940	.680	.560	1.29	.455	4.24	2.48
17	9.80	2.31	3.81	4.60	2.21	.940	.690	.645	1.27	.435	3.81	2.98
18	11.0	1.99	3.92	5.13	1.92	.940	.825	.560	1.02	.435	3.61	3.24
19	9.80	1.92	4.12	6.27	2.31	.934	.915	.560	.620	.435	3.52	3.24
20	9.50	1.77	4.24	7.38	3.92	.915	.940	.690	.710	.415	3.43	3.15
21	8.97	1.74	4.24	8.06	4.59	.890	.990	.800	.670	.415	3.33	2.92
22	8.29	1.74	4.24	7.60	4.12	1.04	1.06	.800	.645	.415	3.24	2.84
23	7.15	1.81	4.24	7.15	3.81	1.12	1.12	.710	.600	.451	3.15	2.76
24	6.60	1.92	4.24	6.92	3.71	1.43	1.12	.670	.560	.580	3.15	2.76
25	6.11	2.04	4.24	6.60	4.12	1.68	1.12	.800	.560	.710	3.07	2.84
26	5.83	2.16	4.12	5.97	4.02	1.88	.940	.870	.560	.965	2.99	2.99
27	5.40	2.31	4.02	5.40	4.24	2.26	.735	.690	.540	1.52	2.76	3.07
28	5.13	2.48	3.71	5.40	4.48	2.41	.670	.600	.540	1.27	3.15	3.07
29	5.26		3.33	4.36	4.70	2.69	.560	.540	.540	1.16	1.80	3.07
30	5.54		3.07	4.24	4.72	2.84	.540	.520	.520	1.29	1.80	2.41
31	5.54		2.99		4.72		.520	.540		1.35		1.77
Mean	8.81	3.63	3.61	4.72	3.25	2.58	1.24	.574	.674	.643	3.14	2.06
Max.	12.9	5.97	4.36	8.06	4.72	4.72	2.76	.870	1.29	1.52	4.48	3.24
Min.	4.36	1.74	2.21	2.84	1.46	.890	.520	.435	.455	.415	1.80	1.02

DAILY DISCHARGE IN SECOND FEET HATCHIE RIVER AT RIALTO, TENNESSEE

FOR THE YEAR ENDING DECEMBER 31, 1946

Day	January Mean Gage reading ft. *	January Discharge C.F.S.	February Mean Gage reading ft.	February Discharge C.F.S.	March Mean Gage reading ft.	March Discharge C.F.S.	April Mean Gage reading ft.	April Discharge C.F.S.	May Mean Gage reading ft.	May Discharge C.F.S.	June Mean Gage reading ft.	June Discharge C.F.S.	Mean Gage reading ft
1	253.0	6920	253.0	6920	253.4	7830	255.2	12,900	248.9	2360	249.5	2760	245.6
2	253.0	6920	252.8	6600	253.0	6920	255.5	13,900	248.9	2360	250.0	3150	246.5
3	253.1	7150	252.6	6270	252.8	6600	255.2	12,900	249.0	2410	249.8	2990	246.3
4	253.4	7830	252.4	5970	252.4	5970	255.0	12,200	248.9	2360	250.1	3240	245.8
5	253.7	8520	252.1	5540	252.0	5400	254.7	11,300	248.6	2210	249.6	2840	245.7
6	253.9	8970	252.8	6600	251.7	4990	254.4	10,400	248.4	2120	249.9	2840	247.3
7	253.9	8970	253.0	6920	252.0	5400	254.0	9200	248.3	2075	250.1	3240	249.5
8	254.5	10,700	253.1	7150	252.0	5400	253.8	8740	248.3	2075	250.2	3330	249.5
9	257.0	19,600	253.4	7830	251.8	5130	253.7	8520	248.3	2075	250.5	3610	250.3
10	260.2	36,600	253.7	8520	251.5	4720	253.6	8290	248.1	1990	250.6	3710	249.8
11	262.0	48,900	253.8	8740	251.4	4600	253.4	7830	247.9	1915	250.7	3810	250.1
12	262.7	54,200	254.1	9500	251.8	5130	253.2	7380	248.2	2035	250.9	4020	251.4
13	262.9	55,700	254.8	11,600	252.1	5540	252.9	6760	246.6	1490	250.8	3920	252.0
14	262.0	48,900	257.0	19,600	252.2	5680	252.6	6270	246.4	1430	250.5	3610	252.1
15	260.8	40,500	259.0	29,400	252.2	5680	252.3	5830	246.7	1520	249.5	2760	252.2
16	259.1	30,000	258.8	28,300	253.3	7600	251.9	5260	246.8	1550	248.4	2120	252.1
17	257.6	22,300	257.8	23,200	253.9	8970	251.7	4990	247.4	1740	246.7	1520	251.7
18	256.8	18,800	256.7	18,400	254.1	9500	251.5	4720	248.0	1950	246.1	1350	251.1
19	256.0	15,600	256.0	15,600	254.5	10,700	251.4	4600	247.5	1770	246.2	1375	250.4
20	255.4	13,600	255.4	13,600	254.0	9200	251.3	4480	247.1	1640	246.4	1430	250.0
21	255.7	14,600	255.0	12,200	253.7	8520	251.4	4600	246.6	1490	246.4	1430	249.6
22	255.6	14,200	254.4	10,400	253.4	7830	251.3	4480	246.4	1430	246.2	1375	249.3
23	255.2	12,900	254.6	11,000	253.0	6920	251.3	4480	246.3	1405	245.8	1270	249.2
24	254.8	11,600	254.7	11,300	252.7	6430	251.2	4360	246.5	1460	245.6	1215	248.9
25	254.5	10,700	254.5	10,700	252.4	5970	251.2	4360	249.1	2480	245.4	1165	248.6
26	254.2	9800	254.3	10,100	253.6	8290	250.9	4020	250.2	3330	247.1	1640	248.4
27	253.9	8970	254.1	9,500	255.0	12,200	250.7	3810	250.2	3330	248.0	1950	248.3
28	253.5	8060	253.7	8520	255.9	15,300	250.4	3520	249.9	3070	246.7	1520	248.0
29	253.1	7150			255.7	14,600	249.5	2760	249.3	2620	245.8	1270	247.0
30	253.0	6920			255.6	14,200	249.1	2480	249.4	2690	245.6	1215	245.8
31	253.1	7150			255.4	13,600			249.4	2690			245.7
MEAN	256.05	18,800	254.6	11,785	249.95	7,900	252.5	6840	248.1	2100	248.3	2390	249.0
MAXIMUM	262.9	55,700	259.0	29,400	255.9	15,300	255.5	13,900	250.2	3330	250.9	4020	252.2
MINIMUM	253.0	6920	252.1	5540	251.4	4600	249.1	2480	246.3	1405	245.4	1165	245.6

* 8:00 A.M. READINGS

(U. S. Engr. Dept. U. S. G. S. Cooperation)

YEAR 1946

Designation of gage RIALTO, TENNESSEE

Operated by MEMPHIS DISTRICT, C. OF E.

July Discharge C.F.S.	August Mean Gage reading ft.	August Discharge C.F.S.	September Mean Gage reading ft.	September Discharge C.F.S.	October Mean Gage reading ft.	October Discharge C.F.S.	November Mean Gage reading ft.	November Discharge C.F.S.	December Mean Gage reading ft.	December Discharge C.F.S.	REMARKS
1215	245.9	1290	243.6	735	246.4	1430	245.9	1290	251.7	4990	
1460	245.6	1215	243.5	710	245.8	1270	245.3	1140	251.6	4860	FLOWS COMPUTED FROM
1405	245.6	1215	243.4	690	244.8	1015	244.7	990	251.8	5130	RATING TABLE AT 8 A.M.
1270	245.8	1270	243.3	670	244.0	825	244.2	870	251.9	5260	
1240	247.0	1610	243.2	645	243.7	760	243.9	800	251.8	5130	
1705	247.6	1805	243.1	620	243.5	710	243.8	780	251.7	4990	
2760	246.9	1580	243.1	620	243.3	670	244.5	940	251.6	4860	
2760	246.2	1375	243.0	600	243.2	645	244.4	915	251.2	4360	
3430	245.8	1270	242.9	580	243.2	645	244.5	940	250.7	3810	
2990	245.9	1290	242.9	580	243.1	620	245.9	1290	249.5	2760	
3240	245.7	1240	242.9	580	243.0	600	249.8	2990	249.0	2410	
4600	245.8	1270	242.8	560	243.0	600	250.0	3150	247.8	1880	
5400	245.7	1240	242.8	560	242.9	580	250.0	3150	249.2	2550	
5540	245.2	1115	242.8	560	242.9	580	249.0	2410	249.9	3070	
5680	244.8	1015	242.8	560	242.9	580	248.4	2120	250.4	3520	
5540	244.5	940	242.8	560	242.9	580	248.3	2075	250.3	3430	
4990	244.1	850	242.8	560	242.9	580	248.8	2310	249.8	2990	
4240	243.9	800	242.8	560	242.9	580	249.2	2550	249.3	2620	
3520	243.8	780	242.9	580	242.9	580	249.4	2690	248.7	2260	
3150	244.4	915	243.2	645	242.9	580	249.5	2760	248.2	2035	
2840	245.1	1090	243.5	710	242.9	580	249.4	2690	248.1	1990	
2620	245.4	1165	243.7	760	242.8	560	249.8	2990	248.0	1950	
2550	245.7	1240	243.6	735	242.9	580	249.9	3070	247.7	1840	
2360	246.1	1350	243.5	710	242.9	580	250.1	3240	247.3	1705	
2210	246.4	1430	243.5	710	243.3	670	250.4	3520	247.0	1610	
2120	246.6	1490	243.8	780	243.7	760	251.0	4120	246.9	1580	
2075	246.6	1490	244.5	940	244.1	850	251.2	4360	246.8	1550	
1950	246.0	1320	245.2	1115	244.7	990	251.4	4600	246.7	1520	
1610	244.9	1040	245.8	1270	245.2	1115	251.6	4860	247.7	1840	
1270	244.2	870	246.2	1375	245.6	1215	251.6	4860	250.0	3150	
1240	243.8	780			245.9	1290			249.8	2990	Mean Gage Reading for year 248.8
2870	245.5	1200	243.5	709	243.7	762	244.9	2480	249.4	3050	
5680	247.6	1805	246.2	1375	246.4	1430	251.6	4860	251.9	5260	Mean Discharge for year 5040
1215	243.8	780	242.8	560	242.8	560	243.8	780	246.7	1520	

DAILY DISCHARGE IN SECOND FEET HATCHIE RIVER AT RIALTO, TENNESSEE

FOR THE YEAR ENDING DECEMBER 31, 19 45

Day	January Mean Gage reading ft.	January Discharge C.F.S.	February Mean Gage reading ft.	February Discharge C.F.S.	March Mean Gage reading ft.	March Discharge C.F.S.	April Mean Gage reading ft.	April Discharge C.F.S.	May Mean Gage reading ft.	May Discharge C.F.S.	June Mean Gage reading ft.	June Discharge C.F.S.	Ju Mean Gage reading ft.
1	255.9*	15,300	252.0	5,400	256.8	18,800	255.4	13,600	249.2	2,550	249.7	2,920	245.1
2	256.6*	18,000	251.9	5,260	257.2	20,500	256.0	15,600	250.0	3,150	247.6	1,805	244.5
3	257.6*	22,300	251.8	5,130	257.0	19,600	256.4	17,200	250.0	3,150	246.4	1,430	244.0
4	258.4*	26,200	251.7	4,990	256.5	17,600	256.2	16,400	249.8	2,990	245.2	1,115	243.8
5	259.4*	31,800	251.5	4,720	256.5	17,600	255.6	14,200	249.7	2,920	244.7	990	244.0
6	259.8*	34,100	251.4	4,600	256.2	16,400	254.8	11,600	249.8	2,990	245.0	1,065	244.0
7	259.9	34,700	251.3	4,480	255.8	14,900	254.4	10,400	250.0	3,150	245.1	1,090	244.0
8	259.4	31,800	251.2	4,360	255.4	13,600	254.0	9,200	250.2	3,330	245.5	1,190	243.8
9	258.8	28,300	250.8	3,920	255.2	12,900	253.8	8,740	250.4	3,520	245.8	1,270	243.6
10	258.2	25,200	250.7	3,810	255.0	12,200	253.6	8,290	251.8	5,130	246.2	1,375	243.4
11	256.5	17,600	250.0	3,150	255.0	12,200	253.2	7,380	252.6	6,270	246.4	1,430	243.2
12	256.0	15,600	249.4	2,690	255.0	12,200	253.0	6,920	252.9	6,760	247.2	1,675	243.1
13	255.2	12,900	249.1	2,480	254.8	11,600	252.8	6,600	253.4	7,830	247.6	1,805	243.0
14	254.8	11,600	249.1	2,480	254.4	10,400	252.7	6,430	253.4	7,830	248.1	1,990	242.9
15	254.4	10,400	249.7	2,920	254.2	9,800	252.6	6,270	253.1	7,150	249.6	2,840	242.9
16	253.8	8,740	249.8	2,990	254.0	9,200	252.4	5,970	253.0	6,920	250.0	3,150	242.9
17	253.7	8,520	250.6	3,710	253.8	8,740	252.2	5,680	252.8	6,600	251.0	4,120	242.8
18	253.5	8,060	251.6	4,860	253.7	8,520	252.0	5,400	252.7	6,430	252.0	5,400	242.7
19	253.5	8,060	251.8	5,130	253.6	8,290	251.7	4,990	253.0	6,920	252.2	5,680	242.7
20	253.4	7,830	251.8	5,130	253.4	7,830	250.9	4,020	252.8	6,600	252.0	5,400	242.6
21	253.3	7,600	252.6	6,270	253.2	7,380	250.1	3,240	252.5	6,110	251.5	4,720	242.6
22	253.3	7,600	253.0	6,920	252.9	6,760	249.2	2,550	252.1	5,540	251.2	4,360	242.5
23	253.0	6,920	253.2	7,380	252.5	6,110	248.6	2,210	251.6	4,860	251.1	4,240	242.4
24	252.7	6,430	253.5	8,060	252.2	5,680	248.1	1,990	251.0	4,120	251.0	4,120	242.4
25	252.6	6,270	254.1	9,500	252.2	5,680	247.6	1,805	250.6	3,710	251.4	4,600	242.3
26	252.5	6,110	254.4	10,400	253.2	7,380	247.0	1,610	250.4	3,520	250.4	3,520	242.7
27	252.4	5,970	254.9	11,900	254.4	10,400	246.5	1,460	250.2	3,330	250.1	3,240	243.6
28	252.4	5,970	255.4	13,600	254.6	11,000	246.2	1,375	250.1	3,240	250.0	3,150	245.0
29	252.2	5,680	–	–	254.7	11,300	246.6	1,490	250.3	3,430	249.2	2,550	245.2
30	252.2	5,680	–	–	254.8	11,600	248.1	1,990	251.0	4,120	245.8	1,270	244.2
31	252.0	5,400	–	–	255.0	12,200	–	–	250.6	3,710	–	–	243.8
MEAN	255.1	14,408	251.7	5,580	254.6	11,560	251.7	6,820	251.3	4,770	248.6	2,784	243.4
MAXIMUM	259.9	34,700	255.4	13,600	257.2	20,500	256.4	17,200	253.4	7,830	252.2	5,680	245.2
MINIMUM	252.0	5,400	249.1	2,480	252.2	5,680	246.2	1,375	249.2	2,550	244.7	990	242.3

*READINGS ESTIMATED.

U. S. Engr. Dept.

Designation of gage RIALTO, TENNESSEE

Operated by U. S. E. D.

YEAR 1945

July Discharge C.F.S.	August Mean Gage reading ft.	August Discharge C.F.S.	September Mean Gage reading ft.	September Discharge C.F.S.	October Mean Gage reading ft.	October Discharge C.F.S.	November Mean Gage reading ft.	November Discharge C.F.S.	December Mean Gage reading ft.	December Discharge C.F.S.	REMARKS
1,090	244.0	825	242.4	475	244.4	915	246.0	1,320	256.8	13,800	DAILY DISCHARGES WERE DETERMINED
940	244.0	825	242.3	455	247.4	1,740	247.3	1,705	256.2	16,400	FROM A RATING TABLE.
825	243.8	780	242.3	455	248.5	2,160	251.3	4,480	255.4	13,600	
780	243.4	690	242.2	435	248.0	1,950	252.6	6,270	255.2	12,900	FLOWS AT 12:00 NOON.
825	243.2	645	242.2	435	247.7	1,840	253.1	7,150	254.8	11,600	
825	243.0	600	242.0	395	247.4	1,740	252.8	6,600	254.6	11,000	NO CORRECTION WAS APPLIED FOR
825	243.6	735	242.0	395	247.5	1,770	252.2	5,680	254.4	10,400	CHANGES IN STAGES.
780	245.1	1,090	241.8	365	247.7	1,840	251.3	4,480	254.1	9,500	
735	246.0	1,320	241.8	365	247.8	1,880	250.6	3,710	253.8	8,740	
690	246.1	1,350	242.3	455	247.8	1,880	250.1	3,240	253.6	8,290	
645	245.8	1,270	242.8	560	247.7	1,840	251.8	5,130	253.2	7,380	
620	245.6	1,215	245.8	1,270	247.4	1,740	252.9	6,760	253.0	6,920	
600	245.9	1,290	247.6	1,805	246.8	1,550	253.8	8,740	252.9	6,760	
580	245.2	1,115	247.8	1,880	246.2	1,375	254.1	9,500	252.9	6,760	
580	244.6	965	247.5	1,770	245.7	1,240	254.3	10,100	252.9	6,760	
580	244.2	870	247.6	1,805	245.0	1,065	253.9	8,970	252.8	6,600	
560	244.0	825	247.4	1,740	244.2	870	253.4	7,830	252.8	6,600	
540	243.6	735	246.6	1,490	244.0	825	253.1	7,150	252.7	6,430	
540	243.2	645	245.4	1,165	243.5	710	253.6	8,290	252.6	6,270	
520	243.0	600	244.6	965	243.2	645	253.6	8,290	252.4	5,970	
520	243.0	600	244.0	825	243.1	620	253.6	8,290	252.2	5,680	
495	243.0	600	243.6	735	243.0	600	253.5	8,060	252.0	5,400	
475	243.0	600	243.1	620	242.8	560	253.6	8,290	252.0	5,400	
475	242.9	580	242.9	580	243.2	645	253.6	8,290	252.0	5,400	
455	242.8	560	242.8	560	243.9	800	253.9	8,970	252.3	5,830	
540	242.8	560	242.7	540	244.5	940	254.2	9,800	252.8	6,600	
735	242.8	560	242.6	520	245.0	1,065	255.4	13,600	253.2	7,380	
1,065	242.7	540	242.6	520	245.2	1,115	258.2	25,200	253.6	8,290	
1,115	242.6	520	242.7	540	245.0	1,065	258.4	26,200	253.6	8,290	
870	242.6	520	242.8	560	245.0	1,065	257.4	21,400	253.4	7,830	
780	242.5	495	–	–	245.4	1,165	–	–	253.2	7,380	Mean Gage Reading for year 249.7
697	243.8	791	243.8	823	245.6	1,265	253.1	8,783	253.5	8,425	
1,115	246.1	1,350	247.8	1,880	248.5	2,160	258.4	26,200	256.8	18,800	Mean Discharge for year 5,567
455	242.5	495	241.8	365	242.8	560	246.0	1,320	252.0	5,400	

DAILY DISCHARGE IN SECOND FEET, HATCHIE RIVER AT RIALTO, TENN.

FOR THE YEAR ENDING DECEMBER 31, 1944

FORM 13.22

Day	January	February	March	April	May	June	July	August	September	October	November	December	REMARKS
1	1,490	760	14,600	16,000	10,100	710	435	365	735	600	365	620	DAILY DISCHARGES WERE DETERMINED
2	1,215	690	14,200	21,000	11,000	780	455	365	850	600	365	600	FROM A RATING TABLE.
3	1,490	620	13,600	25,200	11,600	800	455	365	1,215	870	350	600	
4	1,740	600	12,500	22,300	11,900	825	455	350	1,375	940	350	600	FLOWS AT 12:00 NOON
5	2,035	600	12,200	17,200	11,600	825	415	350	1,430	965	350	735	
6	2,075	600	10,400	12,900	11,600	780	415	350	1,430	1,015	365	780	NO CORRECTION WAS APPLIED
7	2,120	710	9,200	12,900	9,200	735	415	350	1,490	1,065	380	1,065	FOR CHANGES IN STAGES
8	1,990	1,520	7,600	12,900	8,520	710	395	320	1,550	1,190	395	1,550	
9	2,035	2,920	5,540	14,600	7,830	690	395	320	1,580	1,165	435	1,550	
10	2,035	5,680	3,330	14,900	7,600	670	395	320	1,640	1,090	475	2,990	
11	2,120	6,270	1,675	17,200	7,150	670	395	320	1,675	990	780	3,070	
12	2,120	7,150	1,270	19,600	6,430	670	395	300	1,490	940	825	2,840	
13	2,210	6,920	965	18,000	5,400	580	395	310	1,215	825	870	2,690	
14	2,120	6,920	800	15,600	4,480	560	395	350	1,065	780	915	2,480	
15	2,035	7,380	600	13,900	3,150	645	395	435	915	710	990	2,310	
16	1,740	7,830	600	10,700	1,740	690	365	365	870	645	1,040	2,210	
17	1,405	11,600	965	8,740	1,520	710	365	335	645	600	1,115	1,880	
18	1,290	14,200	1,770	8,290	1,320	710	365	335	600	580	1,165	1,740	
19	1,140	16,400	4,360	8,060	1,240	1,645	365	300	580	495	1,165	1,520	
20	1,190	16,800	6,110	7,380	1,165	600	365	300	520	495	1,115	1,430	
21	1,270	15,600	6,110	7,380	1,065	580	350	300	520	475	1,090	1,320	
22	1,290	14,900	5,830	6,600	1,015	560	350	300	475	455	1,065	1,350	
23	1,375	13,600	5,400	6,110	965	540	350	310	435	455	1,015	1,430	
24	1,430	11,900	5,540	5,830	965	540	350	310	415	415	965	1,520	
25	1,430	11,300	6,110	6,270	940	520	350	310	415	415	870	1,580	
26	1,320	10,400	5,970	6,270	940	520	380	310	395	415	825	2,120	
27	1,290	11,000	6,600	8,740	940	495	395	320	395	395	780	4,600	
28	1,115	14,900	8,060	10,700	965	495	395	365	395	395	735	6,600	
29	1,065	14,900	9,800	11,000	870	455	395	435	455	395	690	8,520	
30	965		11,300	10,100	870	455	395	560	475	380	645	10,100	
31	870		14,900		710		380	710		365		12,200	
MEAN	1,580	8,092	6,707	12,546	4,671	639	391	356	908	681	750	2,729	MEAN FOR YEAR 3,307
MAXIMUM	2,210	16,800	14,900	25,200	11,900	825	455	710	1,675	1,190	1,165	12,200	
MINIMUM	870	600	600	5,830	710	455	350	300	395	365	350	600	

DAILY DISCHARGE IN SECOND FEET HATCHIE RIVER AT RIALTO, TENNESSEE

FOR THE YEAR ENDING DECEMBER 31, 19 43

Day	January Mean Gage reading ft.	January Discharge C.F.S.	February Mean Gage reading ft.	February Discharge C.F.S.	March Mean Gage reading ft.	March Discharge C.F.S.	April Mean Gage reading ft.	April Discharge C.F.S.	May Mean Gage reading ft.	May Discharge C.F.S.	June Mean Gage reading ft.	June Discharge C.F.S.	Ju Mean Gage reading ft.
1	252.0	5,400	245.2	1,115	246.0	1,320	252.8	6,600	245.3	1,140	246.6	1,490	240.6
2	251.9	5,260	245.8	1,270	245.8	1,270	252.4	5,970	244.9	1,040	247.0	1,610	240.5
3	251.8	5,130	246.5	1,460	245.2	1,115	252.0	5,400	244.7	990	246.8	1,550	240.4
4	251.6	4,860	247.0	1,610	245.0	1,065	252.0	5,400	244.5	940	246.2	1,375	240.2
5	251.8	5,130	247.4	1,740	245.4	1,165	251.8	5,130	243.7	760	245.0	1,065	240.2
6	252.6	6,270	247.8	1,880	245.9	1,290	251.5	4,720	243.6	735	245.4	1,165	240.1
7	252.8	6,600	248.2	2,035	245.8	1,270	250.8	3,920	243.2	645	245.3	1,140	240.1
8	253.9	8,970	248.4	2,120	245.4	1,165	250.4	3,520	243.0	600	244.4	915	240.1
9	254.0	9,200	248.5	2,160	245.3	1,140	250.0	3,150	243.0	600	244.4	915	240.0
10	254.0	9,200	249.0	2,410	245.6	1,215	249.6	2,840	243.2	645	244.2	870	240.0
11	253.6	8,290	249.4	2,690	247.2	1,675	246.3	1,405	243.8	780	244.2	870	241.3
12	253.2	7,380	249.6	2,840	248.8	2,310	246.2	1,375	243.8	780	244.2	870	241.3
13	252.9	6,760	250.0	3,150	252.4	5,970	250.0	3,150	244.0	825	243.1	620	241.3
14	252.5	6,110	249.5	2,760	253.0	6,920	249.9	3,070	245.8	1,270	243.0	600	241.2
15	252.2	5,680	250.4	3,520	253.4	7,830	249.3	2,620	246.6	1,490	242.9	580	241.2
16	251.6	4,860	251.0	4,120	254.3	10,100	249.2	2,550	246.8	1,550	242.8	560	241.2
17	251.1	4,240	251.6	4,860	254.2	9,800	249.4	2,690	246.9	1,580	242.7	540	241.1
18	247.7	1,840	251.8	5,130	254.1	9,500	250.2	3,330	247.8	1,880	242.6	520	241.2
19	245.0	1,065	252.0	5,400	256.2	16,400	250.4	3,520	247.4	1,740	242.4	475	241.2
20	245.3	1,140	251.8	5,130	257.4	21,400	250.4	3,520	248.0	1,950	244.1	850	241.2
21	245.7	1,240	251.3	4,480	257.4	21,400	250.4	3,520	248.2	2,035	244.0	825	241.2
22	244.8	1,015	250.3	3,430	256.7	18,400	250.1	3,240	248.0	1,950	243.9	800	241.2
23	244.4	915	248.0	1,950	256.4	17,200	249.7	2,920	246.5	1,460	243.8	780	241.2
24	244.2	870	246.6	1,490	255.2	12,900	249.6	2,840	245.6	1,215	243.6	735	241.2
25	244.0	825	246.5	1,460	254.8	11,600	246.7	1,520	245.5	1,190	243.4	690	241.1
26	244.0	825	246.5	1,460	254.3	10,100	246.6	1,490	246.6	1,490	243.0	600	241.1
27	244.0	825	246.8	1,550	254.0	9,200	246.2	1,375	247.0	1,610	240.8	250	241.0
28	244.0	825	246.4	1,430	254.0	9,200	246.0	1,320	246.6	1,490	240.7	240	241.1
29	244.0	825	–	–	253.8	8,740	245.5	1,190	246.3	1,405	240.6	230	241.5
30	244.2	870	–	–	253.7	8,520	245.3	1,140	246.2	1,375	240.6	230	241.6
31	244.5	940	–	–	253.5	8,060	–	–	246.0	1,320	–	–	241.8
MEAN	249.0	3,979	248.7	2,666	251.3	7,717	249.4	3,148	245.6	1,245	243.7	799	240.9
MAXIMUM	254.0	9,200	252.0	5,400	257.4	21,400	252.8	6,600	248.2	2,035	247.0	1,610	241.8
MINIMUM	244.0	825	245.2	1,115	245.0	1,065	245.3	1,140	243.0	600	240.6	230	240.0

(U. S. Engr. Dept.)

YEAR 1943

Designation of gage RIALTO, TENNESSEE

Operated by U. S. E. D.

July Discharge C.F.S.	August Mean Gage reading ft.	August Discharge C.F.S.	September Mean Gage reading ft.	September Discharge C.F.S.	October Mean Gage reading ft.	October Discharge C.F.S.	November Mean Gage reading ft.	November Discharge C.F.S.	December Mean Gage reading ft.	December Discharge C.F.S.	REMARKS
230	241.8	365	241.8	265	242.3	455	240.5	220	242.3	455	DAILY DISCHARGES WERE DETERMINED
220	242.2	435	241.0	265	242.2	435	240.2	195	242.3	455	FROM A RATING TABLE.
215	242.2	435	241.2	285	242.0	395	240.0	180	242.1	415	
195	242.4	475	241.3	300	242.0	395	240.0	180	242.1	415	FLOWS AT 12:00 NOON.
195	242.7	540	242.6	520	242.0	395	240.8	250	242.4	475	
190	242.6	520	244.8	1,015	242.5	395	240.8	250	242.4	475	NO CORRECTION WAS APPLIED FOR
190	242.6	520	246.0	1,320	241.9	380	241.9	380	242.5	495	CHANGES IN STAGES.
190	241.3	300	246.2	1,375	241.9	380	242.2	435	243.3	670	
180	241.3	300	246.4	1,430	241.9	380	242.6	520	243.5	710	
180	241.3	300	245.6	1,215	241.7	350	242.7	540	243.6	735	
300	241.3	300	245.0	1,065	241.6	335	243.0	600	243.6	735	
300	241.2	285	244.9	1,040	241.6	335	243.1	620	243.8	780	
300	241.2	285	244.5	940	241.2	285	243.2	645	243.7	760	
285	241.2	285	244.0	825	241.1	275	243.2	645	243.5	710	
285	241.4	310	243.4	690	241.0	265	243.3	670	243.3	670	
285	241.4	310	242.0	395	241.0	265	243.4	690	243.0	600	
275	241.4	310	242.4	475	241.0	265	243.6	735	242.2	435	
285	241.2	285	242.7	540	241.0	265	243.8	780	242.2	435	
285	241.2	285	243.0	600	241.0	265	243.8	780	242.0	395	
285	241.0	265	243.2	645	241.0	265	243.8	780	242.0	395	
285	241.0	265	243.4	690	241.0	265	243.6	735	241.9	380	
285	241.2	285	243.5	710	241.0	265	243.4	690	242.2	435	
285	241.2	285	243.4	690	241.0	265	243.0	600	242.5	495	
285	241.2	285	243.2	645	241.0	265	242.9	580	242.8	560	
275	241.1	275	243.0	600	241.0	265	242.7	540	243.0	600	
275	241.1	275	243.0	600	241.0	265	242.6	520	243.0	600	
265	241.1	275	242.8	560	241.0	265	242.4	475	243.6	735	
275	241.1	275	242.7	540	240.8	250	242.4	475	244.0	825	
320	241.1	275	242.4	475	240.8	250	242.4	475	245.6	1,215	
335	241.0	265	242.3	455	240.8	250	242.3	455	246.0	1,320	
365	241.0	265	–	–	240.5	220	–	–	246.4	1,430	Mean Gage Reading for year 245.0
262	241.5	327	243.4	706	241.3	310	242.5	521	243.1	639	
365	242.7	540	246.4	1,430	242.3	455	243.8	780	246.4	1,430	Mean Discharge for year 1,859
180	241.0	265	241.0	265	240.5	220	240.00	180	241.9	380	

DAILY DISCHARGE IN SECOND FEET, HATCHIE RIVER AT RIALTO, TENN.

FOR THE YEAR ENDING DECEMBER 31, 1942

FORM 13.22

Day	January	February	March	April	May	June	July	August	September	October	November	December	REMARKS
1	2,410	2,310	5,970	4,860	2,035	540	495	560	365	310	560	560	DAILY DISCHARGES WERE DETERMINED
2	2,990	2,120	5,400	4,120	1,770	520	520	560	350	310	735	560	FROM A RATING TABLE.
3	3,240	1,880	5,400	3,430	1,675	520	520	540	310	300	870	540	
4	3,240	1,770	5,260	2,990	1,580	520	560	560	300	300	1,015	600	FLOWS AT 12:00 NOON
5	3,240	1,805	5,130	2,990	1,460	475	560	645	300	300	1,040	645	
6	3,240	1,880	4,990	3,070	1,375	415	580	670	300	300	1,065	1,065	NO CORRECTION WAS APPLIED
7	3,150	2,120	5,680	3,330	1,290	395	580	645	300	300	1,090	1,350	FOR CHANGES IN STAGES.
8	3,150	2,360	6,760	4,360	1,115	395	560	560	300	300	1,065	1,520	
9	2,990	2,310	7,380	5,970	965	395	520	735	300	285	965	1,520	
10	2,410	2,260	8,740	8,290	890	455	435	760	300	285	825	1,490	
11	2,210	2,120	9,500	16,400	870	560	395	760	310	285	690	1,490	
12	1,915	2,160	9,500	19,200	825	600	395	780	310	285	600	1,580	
13	1,740	2,210	9,800	17,200	780	600	395	870	310	285	580	1,580	
14	1,580	2,310	10,400	14,200	735	620	395	800	300	275	560	1,610	
15	1,430	2,690	10,400	12,500	780	690	380	735	300	275	520	1,375	
16	1,040	3,710	10,400	11,600	870	825	380	600	285	275	495	1,270	
17	915	4,600	9,200	11,000	780	1,015	380	560	285	275	495	1,240	
18	915	4,720	7,830	12,200	735	1,115	380	520	275	265	455	1,320	
19	1,040	4,720	7,150	12,200	690	1,190	335	495	265	265	455	1,350	
20	1,215	4,860	7,830	11,000	670	1,190	335	600	320	265	415	1,375	
21	1,375	5,130	8,060	9,500	760	1,115	335	600	520	265	395	1,350	
22	1,550	5,130	8,060	8,290	735	965	335	600	690	265	435	1,320	
23	1,550	5,400	7,830	7,380	620	870	320	600	690	265	560	1,290	
24	1,550	6,110	7,380	7,150	600	735	320	540	600	265	600	1,270	
25	1,550	6,600	6,920	6,760	600	600	320	495	520	265	600	1,240	
26	1,705	6,600	6,430	5,400	600	520	335	495	475	265	560	1,215	
27	1,880	6,600	6,270	4,600	600	495	365	435	395	265	560	1,290	
28	1,990	5,970	6,600	3,150	600	495	395	395	395	285	560	2,160	
29	2,035		6,600	2,690	580	495	435	395	365	365	540	3,330	
30	2,120		6,600	2,410	580	495	520	395	335	395	540	4,120	
31	2,210		5,830		560		560	380		475		5,130	
MEAN	2,051	3,659	7,397	7,941	927	661	430	590	369	294	662	1,540	MEAN FOR YEAR 2,196
MAXIMUM	3,240	6,600	10,400	19,200	2,035	1,190	580	870	690	475	1,090	5,130	
MINIMUM	915	1,770	4,990	2,410	560	395	320	380	265	265	395	540	

DAILY DISCHARGE IN SECOND FEET, HATCHIE RIVER AT RIALTO, TENN.

FOR THE YEAR ENDING DECEMBER 31, 1941

FORM 13.22

Day	January	February	March	April	May	June	July	August	September	October	November	December	REMARKS
1	3,150	1,490	850	825	1,740	455	310	380	600	300	965	1,840	DAILY DISCHARGES WERE DETERMINED
2	3,240	1,520	890	850	1,840	455	300	365	800	300	1,065	1,950	FROM A RATING TABLE.
3	3,150	1,580	915	850	1,880	435	300	365	1,040	300	1,065	2,035	
4	2,990	1,770	965	870	1,880	435	300	365	1,190	300	1,040	2,120	FLOWS AT 8:00 AM.
5	2,550	1,950	965	870	1,770	415	380	380	1,215	285	1,065	2,120	
6	2,360	2,160	990	915	1,550	395	540	395	1,240	320	1,140	2,120	NO CORRECTION WAS APPLIED
7	2,260	2,310	1,015	965	1,215	395	670	455	1,140	320	1,240	2,035	FOR CHANGES IN STAGES.
8	2,160	2,210	1,040	890	940	395	780	475	1,015	310	1,290	1,805	
9	2,120	2,120	1,115	1,015	1,165	435	915	455	825	300	1,290	1,580	
10	2,075	1,880	1,165	1,115	1,240	475	1,065	415	690	335	1,240	1,460	
11	2,035	1,705	1,215	1,240	1,165	520	1,140	380	600	415	1,065	1,350	
12	2,075	1,580	1,270	1,320	1,115	560	1,550	380	540	495	890	1,215	
13	2,310	1,490	1,290	1,350	1,115	520	1,550	380	475	520	735	1,065	
14	2,550	1,375	1,320	1,320	1,090	435	1,705	395	415	540	600	965	
15	2,760	1,270	1,375	1,240	965	395	1,520	560	380	560	580	990	
16	3,070	1,140	1,405	1,065	850	365	1,270	645	365	580	540	1,015	
17	3,240	1,065	1,460	965	735	350	890	600	350	540	475	1,065	
18	3,240	1,015	1,460	850	670	350	760	495	350	560	455	1,190	
19	1,880	990	1,405	780	600	350	670	580	320	580	455	1,320	
20	1,840	965	1,065	915	600	350	645	800	320	735	455	1,350	
21	1,805	965	1,015	1,240	560	350	645	625	310	940	455	1,320	
22	1,770	940	990	1,165	520	350	580	670	310	1,040	455	1,215	
23	1,770	940	940	1,015	580	350	540	495	300	940	580	1,140	
24	1,740	890	890	1,140	495	350	495	600	300	850	800	1,065	
25	1,740	825	850	1,405	475	335	455	620	300	690	1,040	1,190	
26	1,705	825	825	1,490	475	335	415	670	300	560	1,270	1,270	
27	1,675	850	825	1,375	580	320	415	620	300	540	1,580	1,375	
28	1,610	850	800	1,430	710	310	415	520	310	475	1,740	1,520	
29	1,580		780	1,490	645	310	395	520	310	455	1,770	1,580	
30	1,550		780	1,580	560	310	395	520	300	475	1,840	1,705	
31	1,520		800		495		395	520		600		1,840	
MEAN	2,243	1,381	1,054	1,118	975	394	723	511	564	521	973	1,478	MEAN FOR YEAR 994
MAXIMUM	3,240	2,310	1,460	1,580	1,880	560	1,705	825	1,240	1,040	1,840	2,120	
MINIMUM	1,520	825	780	780	475	310	300	365	300	285	455	965	

DAILY DISCHARGE IN SECOND FEET, HATCHIE RIVER AT RIALTO, TENNESSEE

FOR THE YEAR ENDING DECEMBER 31, 1940

FORM 13.22

Day	January	February	March	April	May	June	July	August	September	October	November	December	REMARKS
1	1060	740	4120	5400	6250	825	630	550		365	365	720	DAILY DISCHARGES
2	1195	700	4450	5000	7440	740	725	530		365	330	840	WERE DETERMINED
3	1140	635	4240	3820	7270	675	1255	560	870	365	385	890	FROM A RATING TABLE.
4	1010	745	4580	3720	6920	635	1035	495	985	365	480	850	CORRECTIONS WERE
5	700	770	4360	3620	6270	670	965	520	1015	365	590	785	APPLIED FOR CHANGES
6	780	840	4360	2690	5800	590	660	470	895	400	760	760	IN STAGE AS INDICATED
7	700	800	4030	2770	5400	620	840	495	870	335	910	800	0.1 - 0.5 -------5%
8	735	800	4240	2700	4870	705	720	495	825	350	720	740	0.6 - 1.9 -------10%
9	655	1090	3910	2620	4260	590	760	495	740	305	675	865	2.0 - 4.9 -------15%
10	690	1335	3620	3140	3910	570	760	565	635	320	655	935	5.0 AND GREATER -- 20%
11	690	1705	3520	3310	3620	600	760	610	550	295	690	1040	NO GAGE READINGS
12	745	1690	3340	3400	3160	600	840	725	410	310	635	1090	WERE RECORDED FOR
13	770	2140	2990	3240	2170	745	1060	905	415	285	615	1040	THE PERIOD AUG. 25-SEPT. 2
14	735	2270	3150	3500	1475	840	1545	935	435	300	570	1145	
15	840	2320	3150	3600	1145	895	1500	960	395	325	600	1195	
16	960	2480	3150	3160	1005	720	1305	1040	360	335	550	1275	
17	1090	2190	2920	3080	940	675	1280	1090	380	350	630	1335	FLOWS AT 8:00 A.M.
18	1145	3120	3070	2990	895	655	1225	870	345	370	810	1420	
19	1195	4310	3310	3790	845	690	1180	700	365	350	840	1500	
20	1250	5350	3150	4330	890	690	1105	560	365	350	935	1535	
21	1105	7260	3150	4580	805	770	1085	515	365	320	1015	1565	
22	1060	9420	3500	4030	785	800	1060	495	365	335	1090	1625	
23	870	7950	3700	3820	760	840	1115	470	365	305	1195	1760	
24	895	7240	3790	3430	740	800	1195	495	365	320	1275	1930	
25	720	6910	4000	3260	760	720	1275		400	320	1130	2050	
26	935	5640	4330	2990	760	675	1105		455	295	1085	2090	
27	985	5540	4700	3150	840	655	1035		480	310	965	2180	
28	870	3710	5100	3500	935	635	940		415	335	895	2080	
29	915	4120	5240	3700	1040	570	765		345	350	810	2800	
30	760		5670	4800	1090	550	700		365	385	740	3070	
31	800		5400		940		635			365		3220	
MEAN	905	3240	3940	3570	2710	690	1000	650	530	335	765	1455	MEAN FOR YEAR 1670
MAXIMUM	1250	9420	5670	5400	7440	895	1545	1090	1015	400	1275	3220	(357 DAYS)
MINIMUM	655	635	2920	2620	740	550	630	470	345	285	330	720	

DAILY DISCHARGE IN SECOND FEET, HATCHIE RIVER AT RIALTO, TENNESSEE

FOR THE YEAR ENDING DECEMBER 31, 1939

FORM 13.22

Day	January	February	March	April	May	June	July	August	September	October	November	December
1		11,300	10,600	6,420	6,420	9,420	7,080	1,195	670	435	415	565
2		12,300	11,700	6,110	5,960	10,100	6,410	1,035	620	435	415	540
3		15,200	9,780	5,670	5,670	8,720	6,110	965	590	435	455	540
4		24,800	8,720	5,260	5,260	9,860	7,270	915	570	435	480	590
5		33,200	9,860	5,130	4,870	8,130	6,420	740	550	480	455	610
6		21,000	8,310	7,610	4,620	7,590	6,270	760	530	520	415	630
7	2,120	14,000	8,130	8,190	4,480	7,410	5,800	865	515	545	435	650
8	2,270	11,200	8,560	10,300	4,720	6,570	5,130	915	495	470	435	675
9	2,480	10,500	7,950	8,720	5,100	6,920	5,820	960	470	450	435	590
10	2,530	12,000	7,770	8,130	4,860	6,920	4,740	1,065	495	430	435	355
11	2,410	20,800	8,180	7,950	4,860	6,270	3,340	1,145	450	415	480	435
12	2,240	23,600	8,180	7,770	4,480	5,960	2,760	1,010	475	375	455	455
13	3,210	15,200	9,190	8,180	4,260	6,930	2,700	1,065	475	395	455	480
14	3,140	11,400	8,130	9,190	3,430	6,110	2,620	1,170	430	395	415	520
15	3,310	12,700	7,590	7,950	2,690	6,930	2,760	1,010	455	395	480	565
16	3,700	14,500	7,240	7,590	1,755	7,820	3,220	940	455	435	455	590
17	3,790	18,000	6,570	10,600	1,420	9,630	3,310	740	455	375	520	560
18	4,220	12,400	6,270	14,000	1,265	9,410	2,920	740	415	395	570	560
19	4,330	12,100	5,800	17,000	1,225	13,600	3,070	720	435	395	540	560
20	4,960	14,500	5,540	10,900	1,155	19,400	2,840	635	435	435	540	610
21	5,390	14,900	5,130	8,840	1,085	15,600	2,700	820	395	415	540	580
22	5,670	16,800	4,870	8,510	4,120	14,300	2,620	935	415	375	590	580
23	6,420	13,900	4,620	8,130	4,000	12,400	1,830	960	455	395	560	630
24	6,930	14,400	4,140	7,770	4,120	9,990	1,505	915	480	395	610	650
25	6,600	11,500	3,820	7,410	2,760	9,330	1,190	825	455	395	630	675
26	6,600	10,500	3,340	7,080	2,700	8,510	1,050	760	500	395	600	705
27	7,270	9,780	2,690	7,450	3,140	7,950	1,010	700	475	395	600	745
28	6,920	11,100	1,945	8,000	3,970	7,590	1,195	675	430	395	600	770
29	6,920		2,480	7,080	4,120	7,990	1,250	710	455	435	430	865
30	9,620		5,290	6,740	4,580	7,410	1,060	655	415	415	475	1,170
31	8,750		6,250		6,720		1,115	635		415		1,200
MEAN	4,870	15,100	6,730	8,320	3,860	9,160	3,460	875	480	420	495	635
MAXIMUM	9,620	33,200	11,700	17,000	6,720	19,400	7,270	1,195	670	545	630	1,200
MINIMUM	2,120	9,780	1,945	5,130	1,085	5,960	1,010	635	395	375	415	355

REMARKS

Daily discharges were determined from a rating table. Corrections were applied for changes in stage as indicated

0.1 - 0.5 - - - - - - 5%

0.6 - 1.9 - - - - - - 10%

2.0 - 4.9 - - - - - - 15%

5.0 and greater - - - 20%

No gage readings were taken for the period 1-6 Jan.

Flows at 8:00 a.m.

MEAN FOR YEAR 4,440 (359 days)