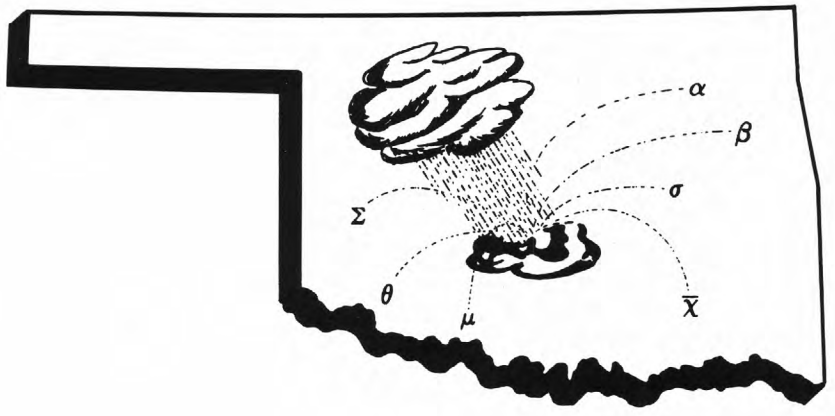
HIGH-FLOW FREQUENCIES FOR SELECTED STREAMS IN OKLAHOMA

U. S. GEOLOGICAL SURVEY
Open-File Report 78-161



Prepared in cooperation with the
OKLAHOMA WATER RESOURCES BOARD

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

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by Thomas L. Huntzinger

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Oklahoma City, Oklahoma
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by

Thomas L. Huntzinger

ABSTRACT

Streamflow records are analyzed statistically to determine high-flow characteristics of selected streams in Oklahoma. Tables are included which show the 2-, 5-, 10-, 25-, 50-, and 100-year high-flow frequencies for durations of 1, 3, 7, 30, 90, and 365 days. The log-Pearson Type III frequency distribution was used in the computations. Streamflow records used include data extending from 1903 to 1974.

INTRODUCTION

Many years of effort and a considerable amount of money have been expended in the collection of surface-water data in Oklahoma. Basic streamflow data are of limited utility without some interpretation and analysis. This report provides information on the high-flow characteristics of selected streams in Oklahoma. Characteristics of high flows provide information useful in the analysis of available water supply and water quality of a stream and in design of water-control structures.

Streamflow data from over 200 sites have been statistically analyzed. High-flow frequencies were computed for each site. For those sites with upstream control, the period of record affected by control was analyzed separately from the record of natural flows. Tables are included which show selected high-flow frequencies for selected durations for each streamflow site.

Techniques used to computed high-flow frequency are explained only briefly. A detailed description of the statistical and hydrologic methods used in this report are given in U.S. Water Resources Council Bulletin 17 (1976) and Riggs (1968).

ACKNOWLEDGMENTS

The Geological Survey and other organizations have had cooperative agreements for the systematic collection of surface-water data in Oklahoma for many years. It is this information from which this analysis was derived. Organizations that have assisted the U.S. Geological

Survey in data collection are: Oklahoma Water Resources Board; Oklahoma City Water Department; Corps of Engineers, U.S. Army; Soil Conservation Service, U.S. Department of Agriculture; Bureau of Reclamation, U.S. Department of the Interior; Grand River Dam Authority; Central Oklahoma Master Conservancy District; Fort Cobb Reservoir Master Conservancy District; Lugert-Altus Irrigation District; Agricultural Research Service, U.S. Department of Agriculture; cities of Ada, Altus, Lawton, Shawnee, and Tulsa.

BASIC DATA

Streamflow records used in this report were collected at more than 200 sites and include most of the major streams in Oklahoma (fig. 1). Basic high-flow information for selected Oklahoma streams was obtained from Mize (1975). Periods of record used in the analysis are shown for each site in table 1. Regulated and unregulated records for the same site were analyzed separately, resulting in two statistical analyses for some sites. Streamflow record sites with less than five years of record were not analyzed, because short periods of record are poor estimates of the high-flow characteristics of the station.

The analysis and computations in this report were made with U.S. customary units of measurement and only these units are shown in the tables. To convert U.S. customary units to the International System of units, multiply ft^3/s (cubic foot per second or CFS) by 0.02832 to obtain m^3/s (cubic meter per second).

METHODS OF ANALYSIS

The analysis in this report follows standard statistical procedures, which involve establishing high-flow frequency curves for streams with continuous record. High-flow frequency involves the computation of exceedence probabilities and flow duration.

Flow duration is the period of time over which a flow is averaged, and is computed in days. For example, if the daily average flow is used, the flow duration is one day; a weekly average flow is a 7-day duration. The highest average flow obtained from a particular duration for each year is used as that year's data entry in computing the frequency curve for that duration. The highest average flows are determined for a number of years, and the likelihood that the highest flows, corresponding to a particular duration, will occur during the year, may be computed.

The measure of the likelihood that a given high flow will be exceeded is termed exceedence probability. The inverse of exceedence probability is the recurrence interval or the average number of years that can be expected to elapse between high flows of a given magnitude.

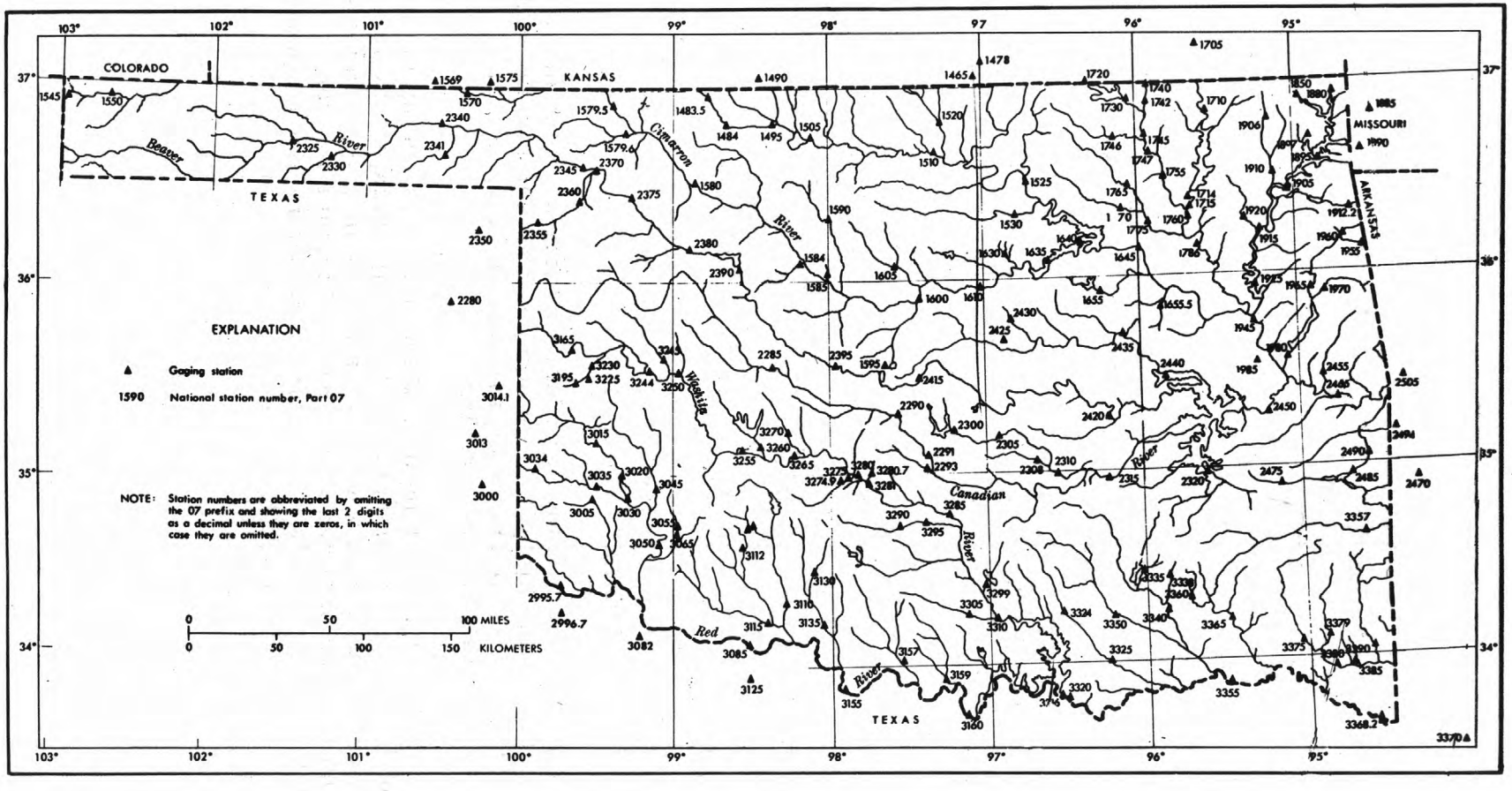

Figure 1.--Location of streamflow record sites.

Several theoretical probability distributions have been used to define frequency curves, but only the log-Pearson Type III distribution is used in this analysis. This method uses the high-flow data expressed in log units. The shape of the frequency curve is described by the three statistical parameters; mean, standard deviation, and skew coefficient. The mean is the average magnitude of the high-flow data, the standard deviation is a measure of the variability of the data and the skew is a measure of how the data are distributed about the mean. (Water Resources Council, 1976)

The computational procedure involves determining values of the three statistical parameters; mean, standard deviation, and skew coefficient for the actual data and then computing frequency curves which have the log-Pearson Type III distribution. A computer program performs the statistical computations and generates in table form selected high-flow frequencies for selected durations. The details of the method are described by Riggs (1968).

STUDY RESULTS

The results of this study are presented in table 2. Streamflow data collection sites are entered in the table by downstream order number, and an alphabetical cross-reference list is included in table 3. Included in the table 2 are the log-Pearson Type III statistical parameters used in computing the high-flow frequency. The 2-, 5-, 10-, 25-, 50-, and 100-year high-flow frequencies were computed for durations of 1, 3, 7, 30, 90, and 365 days. Periods of record used in the frequency analysis are also included.

SELECTED REFERENCES

Mize, Lionel D., 1975, Statistical summaries of streamflow records, Oklahoma through 1974: U.S. Geol. Survey open-file report, 399 p.

Riggs, H.C., 1968, Some statistical tools in hydrology: U.S. Geol. Survey Techniques Water Resources Inv., Chap. A1, Book 4, 39 p.

Water Resources Council, 1976, Guidelines for determining flood flow frequency: Bull. 17, 197 p.

Table 1.--Summary of streamflow records.

Note: Solid bars represent unregulated record and patterned bars represent regulated record.

Four sites have intermittant record before 1925 that is indicated in table 2.

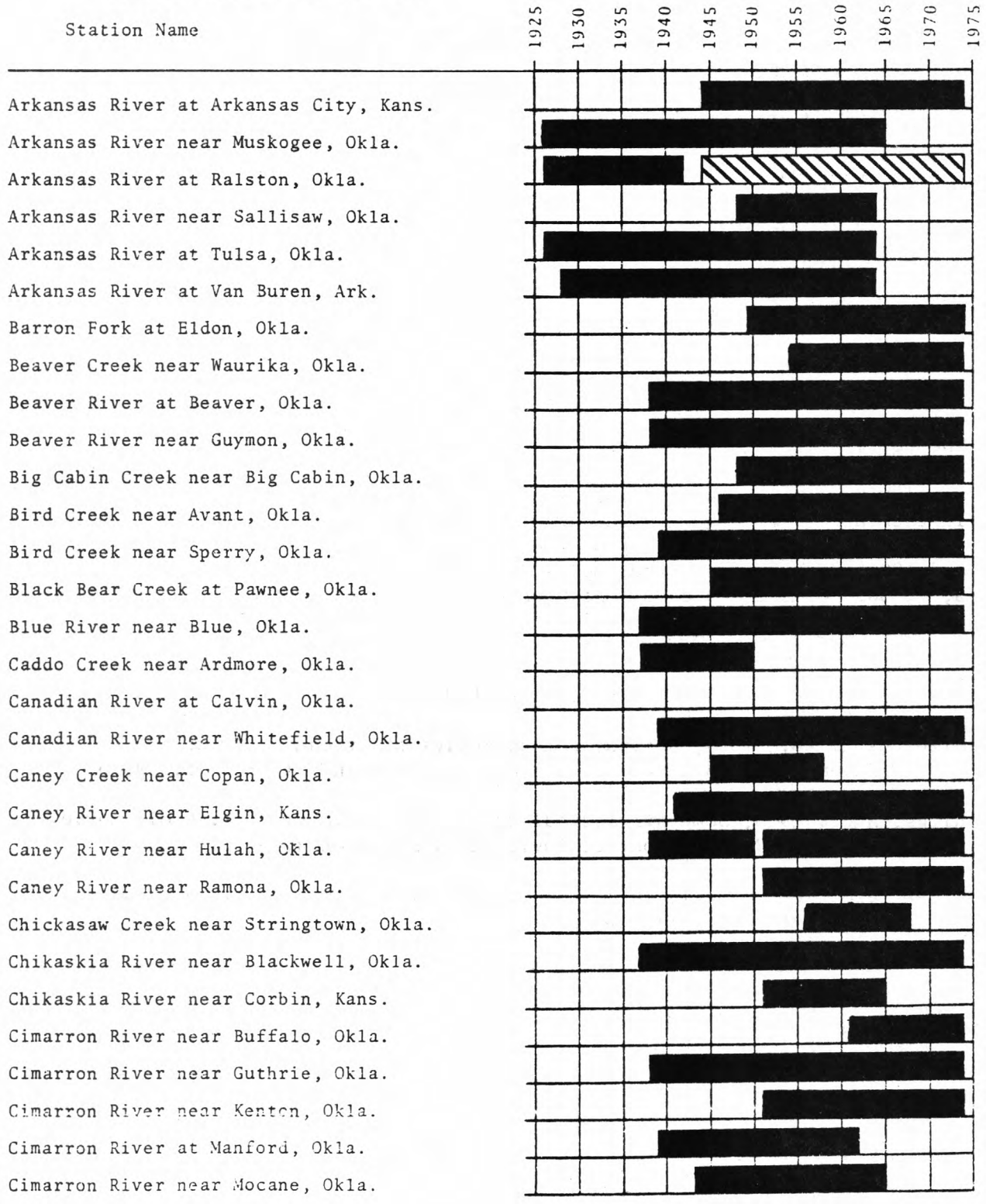

Table 1.--Summary of streamflow records.--Continued

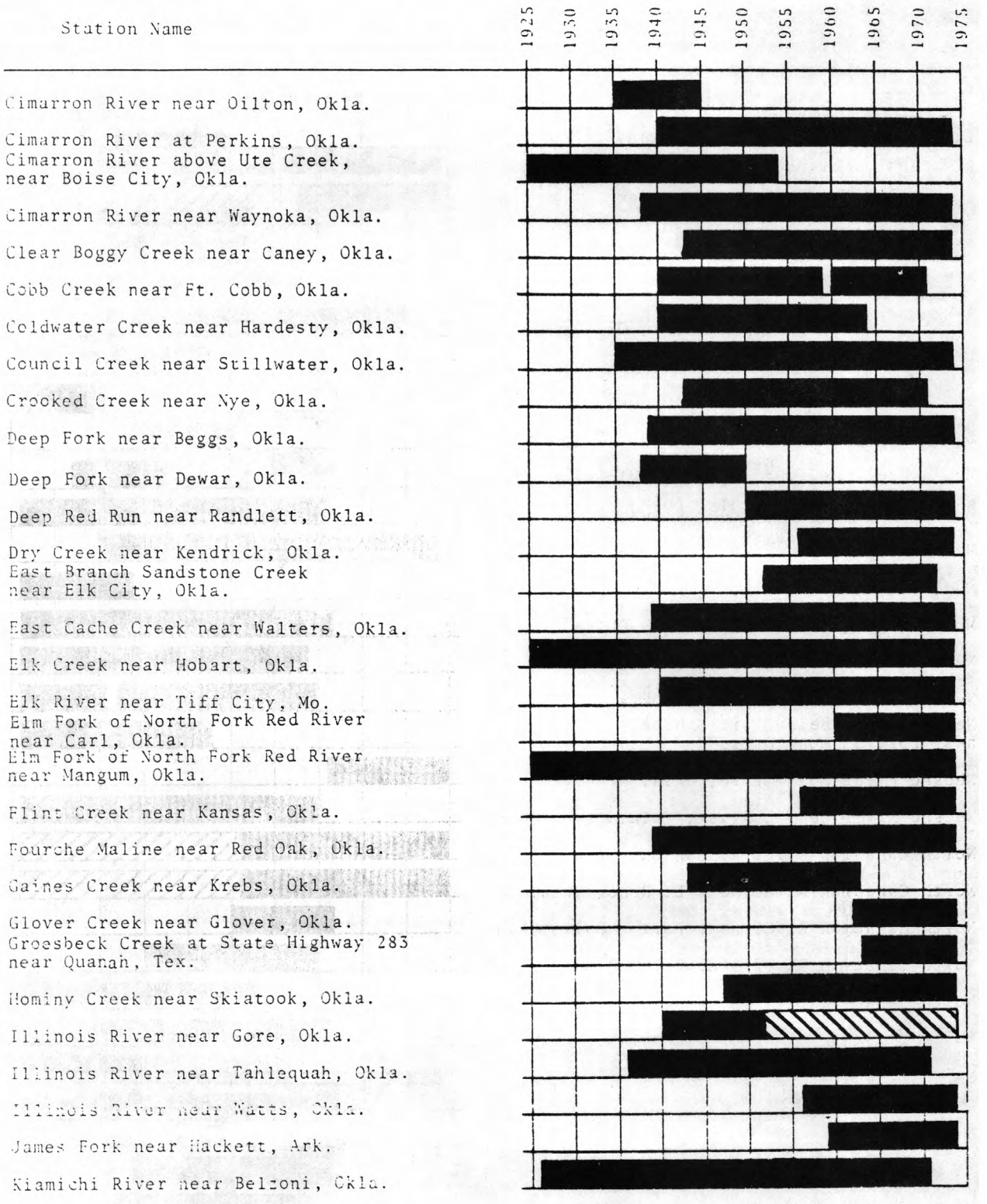

Table 1.--Summary of streamflow records.--Continued

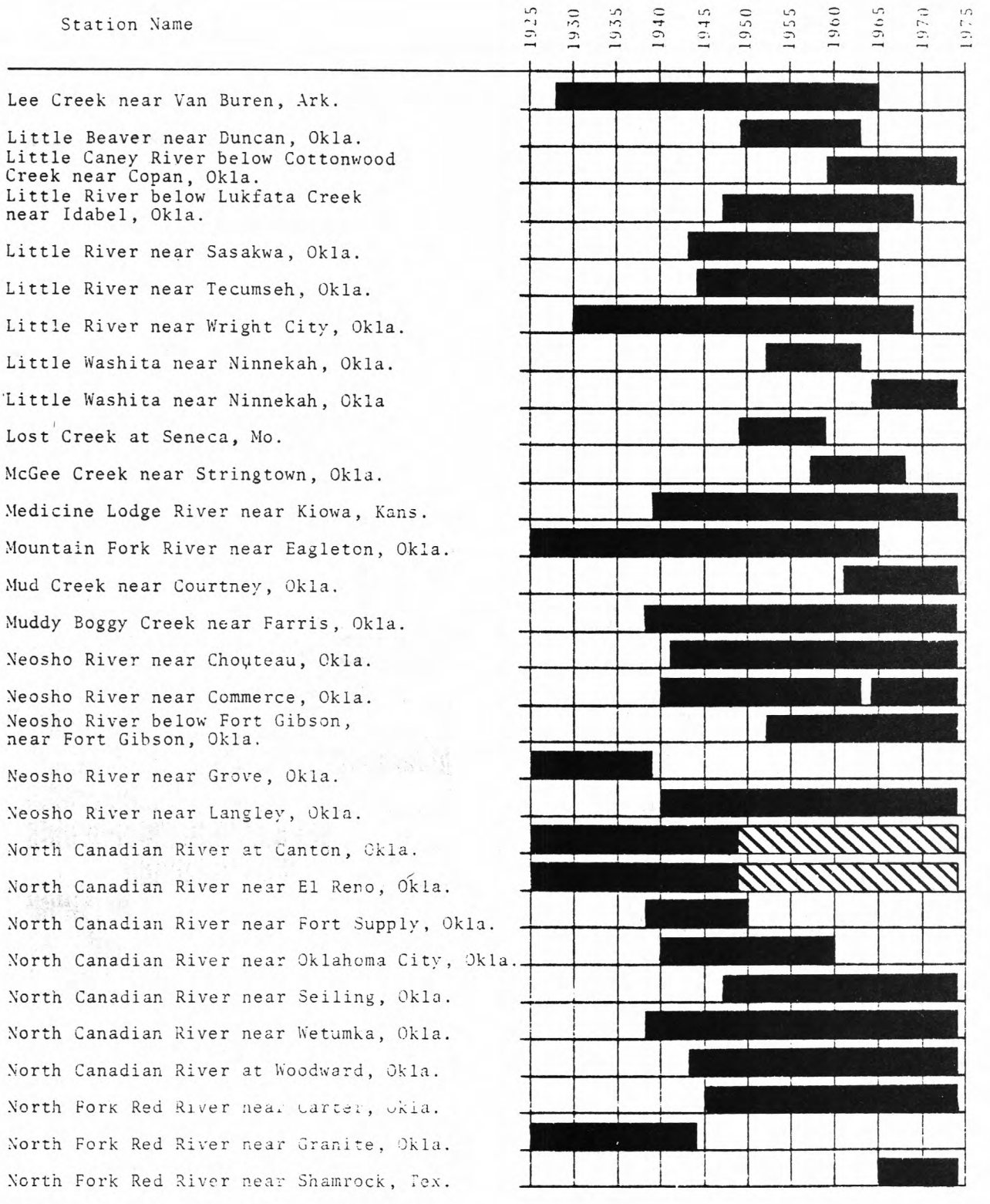

Table 1.--Summary of streamflow records.--Continued

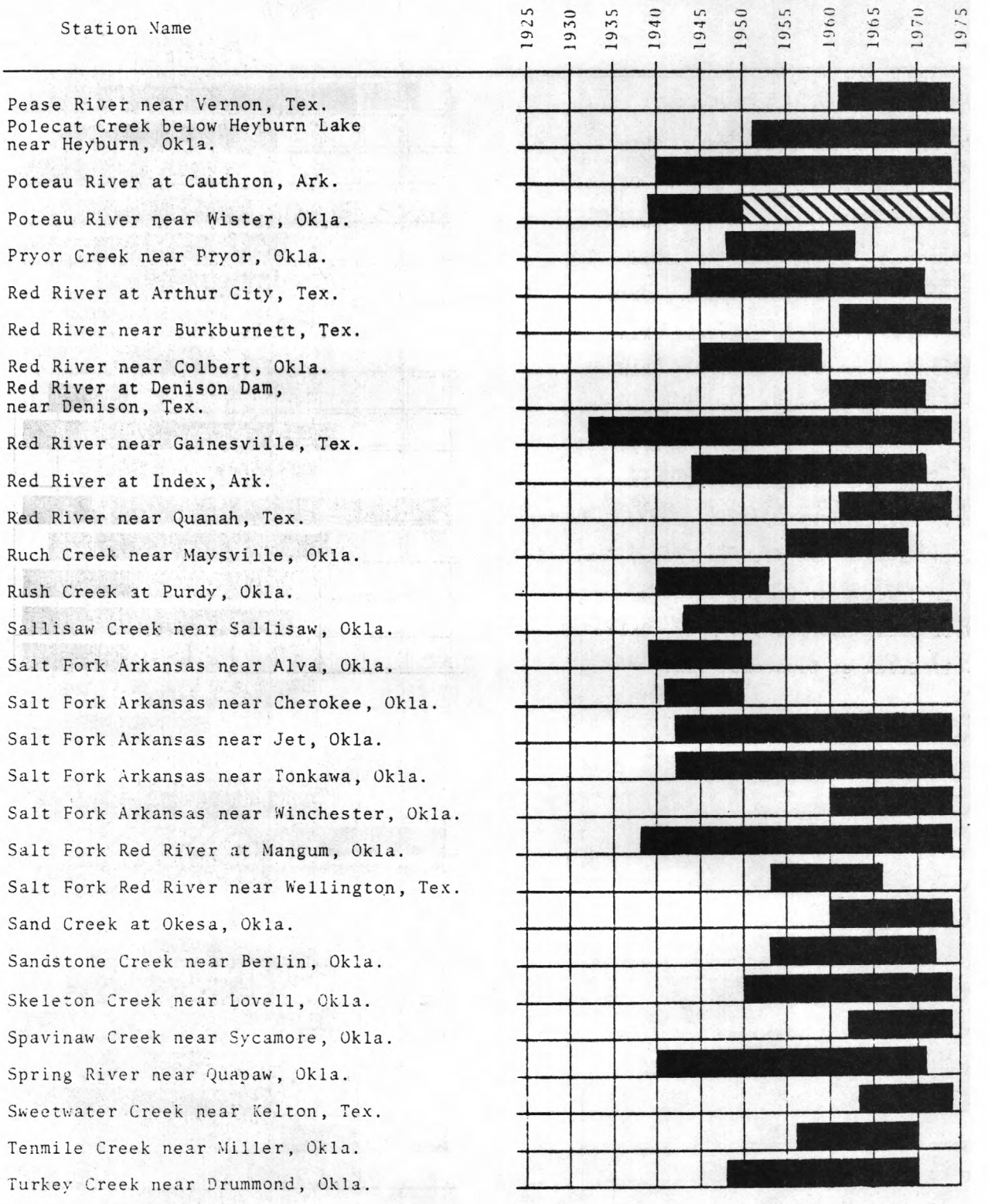

Table 1.--Summary of streamflow records.--Continued

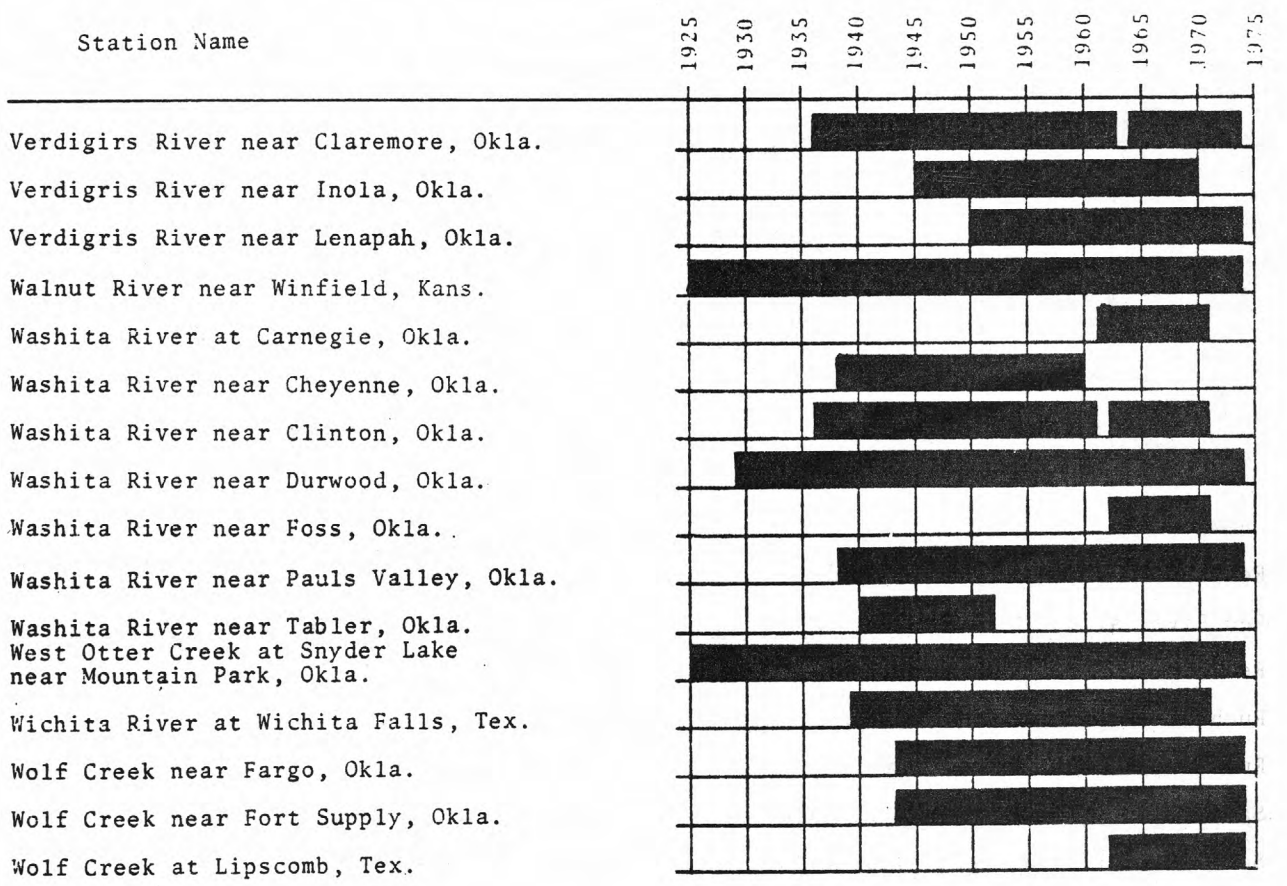

Table 2.--High flow characteristics of selected Oklahoma streams.

Station Number	Station Name	Period of Record	Duration in days	Statistics for given Duration in Logs			Discharge in CFS for given Recurrence Interval in Years					
				Mean	Stand. Dev.	Skew	2	5	10	25	50	100
07146500	Arkansas River at Arkansas City, Kas.	1944-1974	1	4.302	0.366	-0.430	21,291	41,230	56,375	76,852	92,701	108,828
			3	4.205	0.375	-0.514	17,265	33,594	45,731	61,725	73,851	85,902
			7	4.067	0.367	-0.392	12,332	24,040	33,071	45,462	55,187	65,197
			30	3.771	0.370	-0.146	6,020	12,139	17,314	25,068	31,690	39,007
			90	3.556	0.350	-0.135	3,659	7,115	9,971	14,184	17,737	21,628
			365	3.260	0.294	-0.351	1,893	3,243	4,204	5,459	6,408	7,360
07147800	Walnut River near Winfield, Kas.	1923-1974	1	4.194	0.431	-1.29	19,246	35,972	45,079	53,797	58,540	62,112
			3	4.067	0.466	-1.250	14,395	28,822	37,343	46,035	51,047	55,000
			7	3.841	0.478	-1.086	8,436	17,653	23,538	29,980	33,957	37,274
			30	3.427	0.472	-0.968	3,176	6,748	9,161	11,958	13,787	15,389
			90	3.123	0.454	-0.838	1,533	3,244	4,454	5,930	6,949	7,884
			365	2.724	0.453	-0.779	605	1,294	1,794	2,421	2,865	3,282
07148350	Salt Fork Arkansas River near Winchester, Okla.	1960-1974	1	3.497	0.507	-0.619	3,540	8,541	12,700	18,530	23,097	27,734
			3	3.182	0.492	-0.607	1,706	4,019	5,919	8,566	10,632	12,726
			7	2.920	0.467	-0.450	901	2,087	3,099	4,579	5,793	7,081
			30	2.480	0.432	-0.305	318	707	1,044	1,550	1,979	2,448
			90	2.174	0.362	-0.155	153	303	428	614	772	944
			365	1.819	0.360	-0.342	69	134	184	254	309	367
07148400	Salt Fork Arkansas River near Alva, Okla.	1939-1951	1	3.696	0.390	-0.244	5,148	10,658	15,280	22,105	27,834	34,064
			3	3.430	0.400	-0.246	2,796	5,899	8,537	12,467	15,790	19,422
			7	3.172	0.417	-0.345	1,570	3,372	4,880	7.078	8,895	10,839
			30	2.734	0.423	-0.195	559	1,240	1,847	2,788	3,613	4,540
			90	2.460	0.397	-0.320	303	630	899	1,228	1,608	1,949
			365	2.054	0.361	-0.271	118	230	320	448	553	664
07149000	Medicine Lodge River near Kiowa, Kas.	1939-1974	1	3.411	0.378	-0.903	2,932	5,417	6,986	8,754	9,898	10,899
			3	3.189	0.402	-0.818	1,750	3,410	4,529	5,860	6,764	7,586
			7	2.958	0.385	-0.461	971	1,939	2,684	3,695	4,479	5,277
			30	2.597	0.332	0.187	386	747	1,069	1,583	2,052	2,602
			90	2.341	0.294	0.445	208	380	535	788	1,026	1,312
			365	2.059	0.262	0.305	111	188	252	350	435	532
07149500	Salt Fork Arkansas River near Cherokee, Okla.	1941-1950	1	3.946	0.327	-0.182	9,041	16,762	22,854	31,510	38,578	46,124
			3	3.784	0.346	-0.308	6,330	11,984	16,361	22,428	27,254	32,286
			7	3.572	0.346	-0.447	3,958	7,381	9,900	13,231	15,760	18,297
			30	3.162	0.317	0.302	1,398	2,646	3,772	5,598	7,289	9,301
			90	2.879	0.299	0.057	752	1,348	1,835	2,557	3,174	3,858
			365	2.512	0.271	0.655	304	534	746	1,100	1,440	1,857
07150500	Salt Fork Arkansas River near Jet, Okla.	1942-1974	1	3.464	0.424	-0.763	3,289	6,709	9,131	12,128	14,234	16,203
			3	3.437	0.426	-0.744	3,088	6,343	8,675	11,589	13,657	15,604
			7	3.371	0.431	-0.705	2,640	5,507	7,610	10,293	12,233	14,089
			30	3.073	0.434	-0.364	1,256	2,776	4,065	5,959	7,533	9,221
			90	2.777	0.440	-0.074	607	1,410	2,176	3,438	4,607	5,983
			365	2.404	0.426	-0.439	272	587	843	1,026	1,498	1,803
07151000	Salt Fork Arkansas River at Tonkawa, Okla.	1942-1974	1	3.978	0.408	-0.817	10,795	21,250	28,349	36,829	42,608	47,873
			3	3.891	0.416	-0.743	8,760	17,691	24,017	31,866	37,410	42,611
			7	3.748	0.401	-0.730	6,253	12,348	16,620	21,896	25,613	29,099
			30	3.390	0.398	-0.294	2,570	5,368	7,698	11,101	13,926	16.967
			90	3.089	0.407	-0.044	1,236	2,706	4,062	6,245	8,233	10,545
			365	2.707	0.396	-0.184	524	1,105	1,608	2,370	3,027	3,755

Table 2.--High flow characteristice of selected Oklahoma streams.--Continued

Station Number	Station Name	Period of Record	Duration in days	Statistics for given Duration in Logs			Discharge in CFS for given Recurrence Interval in Years					
				Mean	Stand. Dev.	Skew	2	5	10	25	50	100
07151500	Chikaskia River near Corbin, Kas.	1951-1965	1	3.720	0.459	0.158	5,103	12,665	20,698	35,377	50,357	69,497
			3	3.478	0.447	0.136	2,936	7,084	11,378	19,052	26,729	36,383
			7	3.226	0.421	0.127	1,649	3,781	5,904	9,581	13,164	17,577
			30	2.805	0.401	0.092	629	1,381	2,100	3,303	4,441	5,809
			90	2.542	0.403	0.366	329	746	1,181	1,979	2,802	3,869
			365	2.224	0.345	-0.143	171	328	457	646	808	977
07152000	Chikaskia River near Blackwell, Okla.	1937-1974	1	4.155	0.422	-0.455	15,380	32,835	46,911	66,677	82,408	98,714
			3	3.958	0.426	-0.453	9,777	21,016	30,126	42,967	53,217	63,865
			7	3.702	0.416	-0.585	5,528	11,453	15,949	21,914	26,410	30,864
			30	3.252	0.413	-0.522	1,940	4,038	5,668	7,881	9,587	11,312
			90	2.953	0.394	-0.293	939	1,947	2,781	3,996	5,002	6,082
			365	2.560	0.359	-0.218	374	734	1,026	1,448	1,798	2,174
07152500	Arkansas River at Ralston, Okla.	1926-1942	1	4.592	0.277	-0.206	39,920	67,184	87,130	113,932	134,824	156,362
			3	4.519	0.293	-0.097	33,371	58,409	77,786	105,093	127,322	151,053
			7	4.384	0.293	-0.087	24,444	42,792	57,031	77,155	93,580	111,154
			30	4.055	0.312	-0.055	11,433	20,810	28,359	39,336	48,520	58,540
			90	3.799	0.325	0.026	6,274	11,792	16,430	23,434	29,498	36,300
			365	3.451	0.301	0.381	2,704	4,978	7,027	10,351	13,442	17,131
07152500	Arkansas River at Ralston, Okla.	1944-1974	1	4.739	0.397	-0.583	59,885	120,049	164,724	233,157	266,735	309,601
			3	4.664	0.427	-0.699	51,697	107,182	147,786	199,550	237,017	272,860
			7	4.513	0.412	-0.627	35,946	73,460	101,296	137,478	164,234	190,232
			30	4.192	0.395	-0.473	16,718	33,903	47,206	65,337	79,414	93,741
			90	3.952	0.368	-0.352	9,404	18,456	25,552	35,437	43,309	51,510
			365	3.672	0.332	-0.500	4,499	8,120	10,686	13,972	16,399	18,780
07153000	Black Bear Creek at Pawnee, Okla.	1945-1974	1	3.656	0.311	0.692	4,175	7,979	11,757	18,476	25,285	34,030
			3	3.522	0.324	0.358	3,182	6,128	8,856	13,381	17,666	22,852
			7	3.276	0.336	0.295	1,817	3,572	5,199	7,892	10,432	13,494
			30	2.833	0.331	-0.011	681	1,293	1,806	2,577	3,242	3,985
			90	2.515	0.371	-0.116	332	674	967	1,410	1,793	2,219
			365	2.078	0.378	-0.044	121	250	364	543	702	883
07154500	Cimarron River near Kenton, Okla.	1951-1974	1	3.159	0.532	-0.486	1,591	4,113	6,408	9,892	12,829	15,996
			3	2.818	0.520	-0.605	742	1,838	2,769	4,096	5,151	6,232
			7	2.521	0.506	-0.664	377	901	1,326	1,910	2,358	2,805
			30	2.026	0.440	-0.338	112	252	372	552	703	868
			90	1.691	0.433	-0.137	50	114	174	268	354	452
			365	1.179	0.413	0.066	15	34	51	82	110	145
07155000	Cimarron River above Ute Creek, near Boise City, Okla.	1906-1954	1	3.397	0.296	-0.340	2,595	4,470	5,816	7,582	8,924	10,278
			3	3.084	0.249	-0.643	1,288	1,979	2,399	2,878	3,198	3,490
			7	2.800	0.260	-0.203	644	1,050	1,340	1,723	2,018	2,320
			30	2.316	0.278	0.007	207	354	470	635	771	919
			90	2.063	0.274	-0.565	122	198	247	306	347	385
			365	1.577	0.231	-0.859	41	60	70	81	87	93
07157000	Cimarron River near Mocane, Okla.	1943-1965	1	3.240	0.508	0.302	1,639	4,559	8,052	15,161	23,153	34,223
			3	2.983	0.483	0.330	904	2,394	4,128	7,586	11,412	16,647
			7	2.776	0.448	0.400	558	1,387	2,325	4,162	6,168	8,890
			30	2.419	0.359	0.560	243	510	786	1,293	1,819	2,506
			90	2.203	0.288	0.613	148	271	385	578	765	997
			365	1.966	0.178	0.581	89	128	159	204	243	285

Table 2.--High flow characteristics of selected Oklahoma streams.--Continued

Station Number	Station Name	Period of Record	Duration in days	Statistics for given Duration in Logs			Discharge in CFS for given Recurrence Interval in Years					
				Mean	Stand. Dev.	Skew	2	5	10	25	50	100
07157500	Crooked Creek near Nye, Kas.	1943-1971	1	2.845	0.593	0.269	658	2,159	4,163	8,617	13,996	21,876
			3	2.606	0.596	0.423	366	1,233	2,461	5,372	9,116	14,913
			7	2.402	0.605	0.392	230	786	1,576	3,445	5,842	9,541
			30	2.014	0.536	0.575	92	278	531	1,118	1,866	3,021
			90	1.761	0.480	0.706	51	138	251	507	826	1,312
			365	1.445	0.381	0.724	25	56	90	157	233	337
07157950	Cimarron River near Buffalo, Okla.	1961-1974	1	3.396	0.447	-0.554	2,736	6,015	8,632	12,234	15,035	17,875
			3	3.234	0.426	-0.472	1,853	3,970	5,672	8,052	9,938	11,884
			7	3.052	0.403	-0.210	1,166	2,484	3,624	5,350	6,830	8,468
			30	2.704	0.332	0.537	473	934	1,395	2,200	3,006	4,028
			90	2.452	0.263	0.733	263	456	635	937	1,228	1,587
			365	2.132	0.262	-0.189	138	226	290	374	440	507
07158000	Cimarron River near Waynoka, Okla.	1938-1974	1	3.958	0.405	-0.639	10,010	20,152	27,573	37,114	44,105	50,876
			3	3.722	0.409	-0.211	5,450	11,737	17,209	25,533	32,703	40,659
			7	3.485	0.411	0.082	3,016	6,743	10,346	16,423	22,204	29,185
			30	3.072	0.403	0.175	1,149	2,556	3,942	6,333	8,659	11,523
			90	2.790	0.401	0.300	589	1,319	2,065	3,401	4,798	6,459
			365	2.422	0.351	-0.120	268	523	736	1,050	1,317	1,611
07159000	Turkey Creek near Drummond, Okla.	1948-1970	1	3.153	0.454	-0.360	1,514	3,474	5,183	7,744	9,904	12,247
			3	2.980	0.460	-0.583	1,059	2,370	3,419	4,860	5,976	7,101
			7	2.732	0.510	-0.515	596	1,476	2,245	3,378	4,309	5,292
			30	2.235	0.537	-0.473	189	494	775	1,205	1,571	1,968
			90	1.908	0.549	-0.250	85	237	394	661	913	1,212
			365	1.442	0.499	0.022	28	73	121	208	297	408
07160000	Cimarron River near Guthrie, Okla.	1938-1974	1	4.293	0.369	-0.546	21,196	40,615	54,759	73,111	86,755	100,176
			3	4.141	0.365	-0.453	14,753	28,447	38,746	52,548	63,140	73,841
			7	3.918	0.371	-0.277	8,622	17,179	24,106	34,045	42,185	50,866
			30	3.499	0.355	-0.022	3,165	6,279	8,967	13,096	16,715	20,808
			90	3.212	0.354	0.066	1,614	3,225	4,656	6,914	8,945	11,293
			365	2.835	0.311	0.004	684	1,249	1,711	2,394	2,975	3,617
07160500	Skeleton Creek near Lovell, Okla.	1950-1974	1	3.569	0.467	0.068	3,665	9,142	14,845	25,023	35,164	47,847
			3	3.366	0.487	-0.124	2,380	6,006	9,620	15,745	21,533	28,436
			7	3.075	0.499	-0.249	1,246	3,159	5,004	8,015	10,752	13,908
			30	2.593	0.489	-0.244	410	1,020	1,602	2,544	3,397	4,375
			90	2.262	0.466	-0.101	186	453	714	1,151	1,560	2,046
			365	1.854	0.413	0.173	70	158	246	400	551	738
07161000	Cimarron River at Perkins, Okla.	1940-1974	1	4.379	0.383	-0.679	26,417	50,946	68,154	89,575	104,838	119,303
			3	4.251	0.382	-0.496	19,140	37,811	51,909	70,758	85,151	99,612
			7	4.031	0.386	-0.343	11,300	22,961	32,352	45,693	56,489	67,875
			30	3.612	0.369	-0.200	4,207	8,424	11,922	17,065	21,379	26,074
			90	3.321	0.366	-0.094	2,120	4,273	6,117	8,919	11,345	14,059
			365	2.950	0.318	-0.039	896	1,656	2,276	3,189	3,961	4,811
07163000	Council Creek near Stillwater, Okla.	1935-1974	1	2.750	0.419	0.578	513	1,219	2,025	3,630	5,422	7,907
			3	2.390	0.434	0.373	230	556	913	1,593	2,319	3,285
			7	2.073	0.432	0.321	112	268	436	750	1,080	1,512
			30	1.596	0.440	-0.073	40	93	143	226	303	393
			90	1.225	0.452	-0.301	19	44	66	100	129	161
			365	0.839	0.428	-0.229	7	16	24	36	46	58

Table 2.--High flow characteristics of selected Oklahoma streams.--Continued

Station Number	Station Name	Period of Record	Duration in days	Statistics for given Duration in Logs: Mean	Stand. Dev.	Skew	Discharge in CFS for given Recurrence Interval in Years: 2	5	10	25	50	100
07163500	Cimarron River near Oilton, Okla.	1935-1945	1	4.415	0.306	-0.948	28,994	47,386	57,912	69,043	75,885	81,659
			3	4.252	0.319	-0.895	19,914	33,488	41,557	50,354	55,914	60,708
			7	4.054	0.315	-0.702	12,331	21,099	26,726	33,331	37,823	41,944
			30	3.673	0.316	-0.592	5,057	8,793	11,302	14,375	16,552	18,619
			90	3.409	0.291	-0.417	2,685	4,547	5,840	7,486	8,703	9,901
			365	3.006	0.297	-0.078	1,023	1,807	2,420	3,293	4,010	4,780
07164000	Cimarron River at Mannford, Okla.	1939-1962	1	4.602	0.286	-1.301	45,940	69,450	80,569	90,466	95,594	99,346
			3	4.463	0.286	-0.652	31,182	51,083	63,674	78,412	88,459	97,717
			7	4.255	0.298	-0.296	18,609	32,296	42,290	55,609	65,879	76,356
			30	3.838	0.299	-0.642	7,404	12,410	15,639	19,468	22,106	24,556
			90	3.547	0.268	-0.939	3,879	5,973	7,128	8,326	9,053	9,662
			365	3.184	0.265	-0.626	1,629	2,577	3,168	3,855	4,322	4,751
07164500	Arkansas River at Tulsa, Okla.	1926-1964	1	4.824	0.322	-0.377	69,833	125,723	166,678	221,008	262,570	304,601
			3	4.763	0.341	-0.372	60,781	113,233	152,657	205,895	247,212	289,435
			7	4.632	0.343	-0.334	44,740	84,003	113,997	115,110	187,468	220,920
			30	4.309	0.347	-0.337	21,319	40,350	54,959	75,048	90,897	107,308
			90	4.062	0.342	-0.197	11,838	22,544	31,118	43,416	53,529	64,369
			365	3.717	0.312	-0.220	5,347	9,592	12,830	17,309	20,880	24,621
07165500	Polecat Creek below Heyburn Lake near Heyburn, Okla.	1951-1974	1	2.982	0.326	-1.729	1,176	1,756	1,975	2,131	2,194	2,231
			3	2.894	0.361	-1.280	931	1,574	1,904	2,212	2,376	2,500
			7	2.715	0.390	-0.714	577	1,121	1,499	1,966	2,295	2,604
			30	2.276	0.419	-0.785	214	431	583	767	895	1,014
			90	1.961	0.447	-0.850	106	220	300	397	463	524
			365	1.502	0.450	-0.803	36	77	106	142	168	191
07171000	Verdigris River near Lenapah, Okla.	1950-1974	1	4.381	0.309	-0.314	24,950	44,080	58,157	76,991	91,546	106,409
			3	4.289	0.346	-0.809	21,646	38,507	49,232	61,566	69,747	77,074
			7	4.139	0.375	-0.927	15,726	28,810	36,953	46,020	51,818	56,842
			30	3.805	0.430	-0.542	6,971	14,908	21,147	29,667	36,256	42,920
			90	3.520	0.444	-0.662	3,706	7,962	11,191	15,427	18,571	21,639
			365	3.131	0.468	-0.795	1,557	3,401	4,753	6,452	7,656	8,783
07172000	Caney River near Elgin, Kas.	1941-1974	1	3.864	0.472	-0.912	8,600	18,478	25,343	33,521	39,017	43,939
			3	3.581	0.472	-1.098	4,626	9,574	12,696	16,081	18,154	19,871
			7	3.342	0.459	-1.007	2,614	5,396	7,213	9,262	10,569	11,692
			30	2.936	0.479	-1.002	1,039	2,208	2,981	3,857	4,417	4,896
			90	2.616	0.490	-1.036	500	1,077	1,461	1,895	2,171	2,407
			365	2.183	0.507	-1.039	186	412	564	738	849	944
07173000	Caney River near Hulah, Okla.	1938-1950	1	4.119	0.302	-1.302	15,236	23,557	27,546	31,120	32.979	34,341
			3	3.933	0.357	-1.178	10,028	17,163	21,016	24,791	26,921	28,586
			7	3.688	0.371	-1.478	5,972	9,890	11,699	13,217	13,946	14,443
			30	3.275	0.389	-1.618	2,369	3,907	4,567	5,079	5,305	5,448
			90	2.966	0.352	-1.583	1,135	1,797	2,078	2,299	2,397	2,461
			365	2.507	0.390	-1.616	405	669	782	870	909	934
07173000	Caney River near Hulah, Okla.	1951-1974	1	3.569	0.301	-0.758	4,043	6,714	8,363	10,240	11,481	12,594
			3	3.532	0.326	-0.760	3,745	6,483	8,221	10,231	11,577	12,795
			7	3.442	0.388	-0.838	3,133	5,948	7,800	9,964	11,410	12,711
			30	3.067	0.471	-0.655	1,314	2,959	4,251	5,986	7,296	8,591
			90	2.741	0.504	-0.711	632	1,489	2,169	3,080	3,763	4,432
			365	2.302	0.493	-0.609	225	530	782	1,131	1,404	1,681

Table 2.--High flow characteristice of selected Oklahoma streams.--Continued

Station Number	Station Name	Period of Record	Duration in days	Statistics for given Duration in Logs			Discharge in CFS for given Recurrence Interval in Years					
				Mean	Stand. Dev.	Skew	2	5	10	25	50	100
07174000	Caney Creek near Copan, Okla.	1945-1958	1	3.858	0.324	-1.113	8,253	13,562	16,428	19,274	20,912	22,217
			3	3.690	0.338	-0.963	5,538	9,506	11,840	14,342	15,891	17,202
			7	3.444	0.314	-0.674	3,014	5,169	6,565	8,221	9,359	10,411
			30	3.032	0.388	-0.800	1,212	2,315	3,053	3.930	4,526	5,068
			90	2.699	0.426	-1.005	588	1,153	1,511	1,906	2,155	2,368
			365	2.217	0.444	-1.255	203	389	494	597	654	698
07174200	Little Caney River below Cottonwood Creek near Copan, Okla.	1959-1974	1	3.738	0.366	-0.191	5,614	11,190	15,811	22,607	28,311	34,524
			3	3.619	0.372	-0.511	4,474	8,663	11,769	15,864	18,953	22,028
			7	3.407	0.392	-0.538	2,766	5,528	7,603	10,356	12,438	14,511
			30	2.969	0.452	-0.680	1,048	2,276	3,209	4.431	5,335	6,213
			90	2.672	0.426	-0.618	519	1,089	1,520	2,088	2,513	2,932
			365	2.244	0.439	-0.440	189	416	605	875	1,093	1,322
07174600	Sand Creek at Okesa, Okla.	1960-1974	1	3.414	0.433	-0.483	2,810	6,091	8,742	12,457	15,401	18,440
			3	3.092	0.436	-0.164	1,271	2,899	4,393	6,767	8,891	11,318
			7	2.796	0.442	-0.285	657	1,491	2,229	3,357	4,327	5,399
			30	2.341	0.421	-0.516	239	504	712	998	1,220	1,446
			90	2.047	0.442	-0.549	122	267	381	539	661	785
			365	1.641	0.451	-0.426	47	106	157	230	290	353
07175500	Caney River near Ramona, Okla.	1951-1974	1	4.014	0.275	-0.387	10,768	17,761	22,566	28,662	33,161	37,594
			3	3.951	0.297	-0.312	9,265	16,024	20,927	27,422	32,404	37,767
			7	3.830	0.311	-0.494	7,173	12,495	16,181	20,835	24,234	27,546
			30	3.523	0.383	-0.584	3,627	7,094	9,624	12,897	15,317	17,683
			90	3.235	0.416	-0.546	1,872	3,901	5,468	7,579	9,195	10,818
			365	2.798	0.432	-0.575	690	1,473	2,081	2,901	3,528	4,155
07176000	Verdigris River near Claremore, Okla.	1936-1963	1	4.599	0.295	-0.032	39,896	70,444	94,631	129,442	158,342	189,705
			3	4.560	0.316	-0.279	37,579	67,543	90,081	120,791	144,920	169,884
			7	4.453	0.366	-0.616	30,948	58,473	77,902	102,390	120,097	137,117
			30	4.142	0.396	-0.666	15,342	30,332	41,071	54,646	64,440	73,811
			90	3.842	0.400	-0.829	7,887	15,291	20,246	26,105	30,061	33,643
			365	3.424	0.408	-1.009	3,100	5,909	7,649	9,553	10,741	11,748
07176000	Verdigris River near Claremore, Okla.	1964-1974	1	4.328	0.171	-0.591	22,103	29,790	34,112	38,840	41,913	44,661
			3	4.294	0.178	-0.693	20,629	27,965	31,984	36,269	38,981	41,355
			7	4.233	0.221	-0.596	17,976	26,439	31,492	37,229	41,064	44,562
			30	4.008	0.348	-0.565	10,972	20,222	26,742	35,004	41,028	46,866
			90	3.784	0.372	-0.417	6,453	12,650	17,415	23,920	28.998	34,199
			365	3.411	0.416	-0.265	2,684	5,814	8,509	12,553	15,989	19,756
07176500	Bird Creek near Avant, Okla.	1964-1974	1	3.842	0.364	-0.884	7,850	14,233	18,240	22,759	25,689	28,261
			3	3.547	0.367	-0.543	3,798	7,259	9,776	13,042	15,471	17,859
			7	3.291	0.364	-0.694	2,150	4,004	5,268	6,809	7,890	8,902
			30	2.861	0.397	-1.018	847	1,583	2,032	2,518	2,819	3,073
			90	2.561	0.421	-1.161	437	826	1,052	1,283	1,417	1,524
			365	2.113	0.436	-1.142	156	303	391	481	535	578
07177000	Hominy Creek near Skiatook, Okla.	1947-1974	1	3.810	0.321	-1.321	7,569	12,003	14,146	16,065	17,060	17,785
			3	3.595	0.337	-0.972	4,459	7,639	9,502	11,489	12,714	13,748
			7	3.315	0.340	-0.998	2,348	4,027	5,001	6,030	6,658	7,183
			30	2.867	0.355	-1.170	860	1,468	1,797	2,120	2,303	2,447
			90	2.565	0.378	-1.375	446	760	915	1,053	1,124	1,175
			365	2.122	0.392	-1.346	161	282	343	399	428	450

Table 2.--High flow characteristics of selected Oklahoma streams.--Continued

Station Number	Station Name	Period of Record	Duration in days	Statistics for given Duration in Logs			Discharge in CFS for given Recurrence Interval in Years					
				Mean	Stand. Dev.	Skew	2	5	10	25	50	100
07177500	Bird Creek near Sperry, Okla.	1939-1974	1	4.133	0.319	-0.414	14,276	25,443	33,485	43,991	51,914	59,834
			3	3.969	0.339	-0.165	9,516	18,056	24,937	34,878	43,111	51,997
			7	3.707	0.345	-0.227	5,245	10,011	13,804	19,207	23,617	28,316
			30	3.276	0.372	-0.538	2,036	3,929	5,318	7,131	8,485	9,823
			90	2.974	0.390	-1.018	1,095	2,024	2,586	3,191	3,565	3,879
			365	2.532	0.415	-0.998	398	768	1,000	1,257	1,418	1,555
07178600	Verdigris River near Inola, Okla.	1945-1970	1	4.567	0.272	0.030	36,756	62,446	82,529	111,262	135,048	160,839
			3	4.532	0.276	-0.109	34,456	58,337	76,327	101,172	121,054	142,005
			7	4.452	0.295	-0.354	29,459	50,525	65,540	85,125	99,927	114,779
			30	4.170	0.372	-0.805	16,558	30,759	40,072	50,986	58,328	64,968
			90	3.892	0.389	-0.949	8,966	16,728	21,579	26,972	30,408	33,373
			365	3.480	0.395	-0.988	3,498	6,552	8,439	10,506	11,803	12,907
07185000	Neosho River near Commerce, Okla.	1940-1963	1	4.547	0.362	-0.323	36,828	71,748	99,210	137,658	168,452	200,707
			3	4.503	0.375	-0.738	35,372	66,759	88,038	113,751	131,567	148,076
			7	4.396	0.405	-1.183	29,796	54,768	68,865	82,986	91,064	97,426
			30	4.067	0.431	-0.821	13,346	27,298	37,002	48,759	56,850	64,267
			90	3.787	0.427	-0.901	7,084	14,171	18,890	24,380	28,013	31,238
			365	3.407	0.429	-1.140	3,066	5,892	7,564	9,298	10,321	11,146
07185000	Neosho River near Commerce, Okla.	1964-1974	1	4.470	0.183	-0.563	30,675	42,355	49,091	56,597	61,553	66,040
			3	4.430	0.185	-0.537	27,989	38,820	45,131	52,224	56,946	61,250
			7	4.282	0.195	-0.570	19,982	28,124	32,873	38,198	41,731	44,938
			30	4.033	0.262	-1.517	12,484	17,739	19,901	21,603	22,382	22,897
			90	3.823	0.286	0.716	7,193	11,692	14,468	17,641	19,755	21,666
			365	3.468	0.310	-0.457	3,104	5,420	7,044	9,119	10,653	12,163
07188000	Spring River near Quapaw, Okla.	1940-1971	1	4.440	0.349	-0.296	28,653	54,658	74,960	103,310	126,004	149,789
			3	4.333	0.383	-0.393	22,831	45,814	63,900	89,051	109,001	129,692
			7	4.138	0.390	-0.389	14,559	29,588	41,532	58,265	71,618	85,529
			30	3.778	0.366	-0.481	6,411	12,331	16,741	22,592	27,040	31,497
			90	3.525	0.342	-0.568	3,608	6,582	8,661	11,282	13,185	15,024
			365	3.194	0.322	-0.804	1,725	2,950	3,711	4,573	5,139	5,643
07188500	Lost Creek at Seneca, Mo.	1949-1959	1	2.494	0.564	0.266	294	912	1,703	3,402	5,394	8,245
			3	2.299	0.503	0.119	194	523	890	1,583	2,309	3,225
			7	2.150	0.488	-0.003	141	364	597	1,011	1,420	1,929
			30	1.836	0.467	-0.253	72	171	264	409	539	685
			90	1.611	0.432	-0.447	43	96	138	198	246	296
			365	1.335	0.369	-0.870	24	45	58	72	82	90
07189000	Elk River near Tiff City, Mo.	1940-1974	1	4.142	0.356	-0.113	14,083	27,758	39,237	56,388	71,024	87,204
			3	3.973	0.326	-0.004	9,400	17,677	24,584	34,940	43,841	53,766
			7	3.776	0.303	0.092	5,910	10,713	14,709	20,721	25,922	31,761
			30	3.417	0.265	0.327	2,528	4,312	5,811	8,109	10,140	12,468
			90	3.183	0.260	-0.075	1,534	2,526	3,264	4,278	5,085	5,934
			365	2.829	0.268	-0.607	717	1,144	1,413	1,729	1,945	2,145
07189500	Neosho River near Grove, Okla.	1925-1939	1	4.750	0.274	-0.483	59,130	96,421	121,156	151,541	173,287	194,174
			3	4.673	0.306	-0.420	49,500	86,067	111,898	145,187	170,015	194,632
			7	4.545	0.336	-0.423	37,068	68,086	90,825	120,869	143,717	166,682
			30	4.262	0.377	-0.258	18,992	38,294	54,128	77,106	96,118	116,558
			90	4.013	0.330	-0.021	10,324	19,531	27,214	38,723	48,601	59,599
			365	3.693	0.289	0.233	4,803	8,555	11,743	16,650	20,996	25,976

Table 2.--High flow characteristics of selected Oklahoma streams.--Continued

Station Number	Station Name	Period of Record	Duration in days	Statistics for given Duration in Logs			Discharge in CFS for given Recurrence Interval in Years					
				Mean	Stand. Dev.	Skew	2	5	10	25	50	100
07190500	Neosho River near Langley, Okla.	1940-1974	1	4.635	0.499	-1.212	54,075	113,619	149,774	187,135	208,835	226,004
			3	4.597	0.493	-1.281	50,078	102,541	132,930	163,018	179,783	192,599
			7	4.507	0.476	-1.412	41,232	79,922	100,285	118,807	128,301	135,083
			30	4.265	0.438	-1.316	22,828	42,881	53,711	63,966	69,478	73,586
			90	4.048	0.399	-1.515	13,946	23,819	28,383	32,171	33,960	35,161
			365	3.734	0.380	-1.754	6,902	10,951	12,522	13,634	14,081	14,343
07191000	Big Cabin Creek near Big Cabin, Okla.	1948-1974	1	4.027	0.344	-0.239	10,979	20,862	28,678	39,751	48,745	58,292
			3	3.797	0.360	-0.163	6,408	12,657	17,841	25,489	31,932	38,978
			7	3.542	0.363	-0.121	3,544	7,080	10,070	14,559	18,402	22,661
			30	3.087	0.374	-0.465	1,306	2,553	3,497	4,765	5,740	6,724
			90	2.792	0.357	-0.441	658	1,250	1,692	2,284	2,737	3,194
			365	2.381	0.369	-0.571	261	498	670	890	1,053	1,211
07191220	Spavinaw Creek near Sycamore, Okla.	1962-1974	1	3.143	0.454	0.047	1,380	3,348	5,346	8,836	12,249	16,452
			3	2.994	0.413	0.193	957	2,176	3,402	5,553	7,678	10,327
			7	2.796	0.372	0.104	617	1,280	1,892	2,887	3,807	4,895
			30	2.423	0.357	-0.308	276	534	736	1,020	1,247	1,486
			90	2.226	0.339	-0.264	174	327	446	613	747	888
			365	1.918	0.344	-0.339	87	162	221	301	363	428
07191500	Neosho River near Chouteau, Okla.	1941-1974	1	4,820	0.327	0.310	63,530	122,785	177,212	266,663	350,593	451,379
			3	4.780	0.316	0.122	59,413	110,702	154,566	222,077	281,661	349,641
			7	4.695	0.292	-0.064	49,846	87,298	116,542	158,122	192,259	228,968
			30	4.442	0.270	0.011	27,639	46,632	61,334	82,192	99,327	117,792
			90	4.221	0.258	-0.401	17,311	27,639	34,547	43,141	49,382	55,458
			365	3.903	0.246	-0.501	8,389	13,000	15,936	19,441	21,891	24,204
07192000	Pryor Creek near Pryor, Okla.	1948-1963	1	3.557	0.470	0.525	3,324	7,676	12,477	21,747	31,802	45,410
			3	3.353	0.451	0.319	2,133	5,295	8,793	15,478	22,610	32,093
			7	3.114	0.475	0.228	1,249	3,220	5,410	9,583	14,007	19,842
			30	2.649	0.490	-0.110	455	1,160	1,868	3,081	4,236	5,623
			90	2.325	0.489	0.010	211	545	897	1,524	2,149	2,927
			365	1.909	0.473	-0.190	84	204	318	506	677	875
07193500	Neosho River below Fort Gibson Lake, near Fort Gibson, Okla.	1951-1974	1	4.648	0.337	-0.327	46,374	86,208	116,482	157,854	190,352	223,908
			3	4.608	0.344	-0.398	42,717	79,839	107,601	144,865	173,602	202,805
			7	4.524	0.350	-0.318	34,877	66,508	91,037	125,070	152,141	180,360
			30	4.307	0.353	-0.161	20,731	40,449	56,672	80,460	100,428	122,178
			90	4.088	0.339	-0.203	12,574	23,757	32,649	45,329	55,703	66,785
			365	3.771	0.346	-0.418	6,242	11,667	15,702	21,085	25,213	29,386
07194500	Arkansas River near Muskogee, Okla.	1926-1964	1	5.134	0.277	-0.061	136,969	233,131	306,739	409,899	493,596	582,813
			3	5.097	0.288	-0.081	126,141	218,852	290,447	391,310	473,436	561,171
			7	5.013	0.311	-0.156	105,076	189,334	254,915	347,362	422,446	502,348
			30	4.765	0.347	-0.133	59,264	114,513	159,990	226,862	283,136	344,663
			90	4.529	0.331	-0.251	34,874	64,622	87,656	119,763	145,489	172,515
			365	4.200	0.309	-0.506	16,725	29,991	37,425	48,010	55,700	64,148
07195500	Illinois River near Watts, Okla.	1956-1974	1	3.997	0.359	-0.304	10,358	20,091	27,761	30,535	47,195	56,296
			3	3.781	0.338	-0.252	6,241	11,724	16,008	22,021	26,863	31,970
			7	3.567	0.324	-0.343	3,853	6,977	9,299	12,418	14,832	17,299
			30	3.223	0.307	-0.394	1,749	3,057	3,992	5,209	6,125	7,040
			90	3.010	0.289	-0.329	1,061	1,805	2,335	3,028	3,554	4,084
			365	2.699	0.288	-0.545	531	883	1,115	1,398	1,598	1,789

Table 2.--High flow characteristice of selected Oklahoma streams.--Continued

Station Number	Station Name	Period of Record	Duration in days	Statistics for given Duration in Logs			Discharge in CFS for given Recurrence Interval in Years					
				Mean	Stand. Dev.	Skew	2	5	10	25	50	100
07196000	Flint Creek near Kansas, Okla.	1956-1974	1	3.297	0.421	0.002	1,983	4,481	6,864	10,817	14,514	18,908
			3	3.084	0.362	0.186	1,182	2,426	3,585	5,500	7,296	9,449
			7	2.876	0.342	0.104	741	1,452	2,080	3,070	3,961	4,992
			30	2.506	0.324	-0.025	322	601	833	1,177	1,471	1,796
			90	2.279	0.313	-0.141	193	351	474	649	792	946
			365	1.966	0.302	-0.286	96	167	220	291	346	403
07196500	Illinois River near Tahlequah, Okla.	1936-1971	1	4.161	0.388	-0.061	14,633	30,852	45,334	68,078	88,344	111,526
			3	4.009	0.373	-0.071	10,315	21,092	30,481	44,950	57,638	71,971
			7	3.808	0.341	-0.155	6,552	12,494	17,311	24,307	30,128	36,436
			30	3.453	0.288	-0.239	2,910	4,981	6,500	8,541	10,130	11,765
			90	3.216	0.265	-0.260	1,689	2,767	3,529	4,526	5,285	6,051
			365	2.881	0.273	-0.623	812	1,303	1,612	1,974	2,222	2,450
07197000	Barron Fork at Eldon, Okla.	1949-1974	1	3.776	0.375	-1.470	7,325	12,208	14,481	16,401	17,328	17,963
			3	3.565	0.350	-1.206	4,302	7,252	8,810	10,311	11,144	11,786
			7	3.350	0.326	-1.214	2,597	4,216	5,048	5,836	6,269	6,600
			30	2.986	0.312	-1.214	1,116	1,774	2,107	2,421	2,593	2,723
			90	2.759	0.284	-1.018	640	1,001	1,196	1,394	1,510	1,606
			365	2.390	0.289	-0.741	266	434	537	654	731	800
07198000	Illinois River near Gore, Okla.	1940-1952	1	4.514	0.381	0.286	31,308	67,359	102,995	165,032	226,119	302,275
			3	4.404	0.362	-0.271	26,327	51,595	71,840	100,701	124,222	149,222
			7	4.225	0.311	-0.636	18,118	31,045	39,524	49,698	56,774	63,389
			30	3.833	0.243	-0.240	6,956	10,946	13,704	17,257	19,929	22,610
			90	3.567	0.230	-0.368	3,811	5,798	7,093	8,682	9,825	10,931
			365	3.237	0.210	-1.172	1,895	2,601	2,931	3,233	3,395	3,518
07198000	Illinois River near Gore, Okla.	1953-1974	1	3.699	0.413	-0.866	5,722	11,257	14,948	19,275	22,167	24,759
			3	3.662	0.449	-1.028	5,463	11,062	14,645	18,622	21,125	23,251
			7	3.594	0.495	-1.063	4,783	10,323	13,964	18,037	20,599	22,766
			30	3.431	0.482	-1.093	3,286	6,907	9,221	11,750	13,308	14,604
			90	3.264	0.436	-1.116	2,205	4,299	5,560	6,890	7,685	8,334
			365	2.998	0.408	-1.340	1,219	2,180	2,678	3,137	3,378	3,555
07230500	Little River near Tecumseh, Okla.	1944-1965	1	3.766	0.321	0.555	5,455	10,581	15,575	24,276	32,915	43,807
			3	3.503	0.335	0.200	3,102	6,043	8,691	12,951	16,863	21,474
			7	3.212	0.323	0.088	1,611	3,033	4,249	6,116	7,759	9,627
			30	2.751	0.335	0.141	554	1,073	1,533	2,260	2,917	3,680
			90	2.449	0.353	0.167	275	553	808	1,222	1,605	2,059
			365	2.036	0.338	0.136	107	208	298	441	570	720
07231000	Little River near Sasakwa, Okla.	1943-1965	1	4.028	0.336	-0.324	11,114	20,641	27,886	37,793	45,580	53,627
			3	3.924	0.325	-0.192	8,592	15,855	21,552	29,605	36,149	43,109
			7	3.678	0.313	-0.146	4,850	8,780	11,858	16,220	19,779	23,580
			30	3.202	0.332	-0.040	1,600	3,036	4,230	6,014	7,540	9,232
			90	2.889	0.356	-0.167	792	1,555	2,183	2,106	3,881	4,726
			365	2.477	0.352	-0.254	310	597	825	1,150	1,413	1,693
07231500	Canadian River at Calvin, Okla.	1906-1964	1	4.622	0.258	-0.205	42,753	69,373	88,348	113,380	132,604	152,206
			3	4.449	0.249	-0.232	28,730	45,791	57,714	73,197	84,925	96,756
			7	4.240	0.269	-0.155	17,656	29,403	38,046	49,748	58,946	68,500
			30	3.832	0.310	0.047	6,750	12,351	16,992	23,936	29,907	36,573
			90	3.541	0.328	-0.059	3,505	6,581	9,109	12,843	16,008	19,493
			365	3.152	0.340	-0.268	1,470	2,768	3,779	5,194	6,330	7,525

Table 2.--High flow characteristics of selected Oklahoma streams.--Continued

Station Number	Station Name	Period of Record	Duration in days	Statistics for given Duration in Logs			Discharge for CFS in given Recurrence Interval in Years				
				Mean	Stand. Dev.	Skew	2	5	10	25	50	100
07232000	Gaines Creek near Krebs, Okla.	1943-1963	1	4.057	0.285	0.621	10,666	19,277	27,347	40,983	54,176	70,485
			3	3.971	0.287	0.302	9,038	16,108	22,213	31,760	40,345	50,313
			7	3.771	0.289	-0.216	6,038	10,375	13,587	17,937	21,349	24,881
			30	3.333	0.291	-0.418	2,258	3,824	4,911	6,295	7,317	8,325
			90	3.064	0.316	-0.612	1,248	2,162	2,771	3,511	4,031	4,522
			365	2.667	0.295	-0.581	495	831	1,052	1,318	1,506	1,683
07232500	Beaver River near Guymon, Okla.	1938-1974	1	3.118	0.572	-0.263	1,391	4,031	6,810	11,635	16,239	21,734
			3	2.780	0.550	-0.188	627	1,767	2,970	5,085	7,133	9,613
			7	2.473	0.537	-0.160	307	849	1,418	2,416	3,385	4,561
			30	1.974	0.498	-0.098	96	248	404	674	934	1,249
			90	1.665	0.457	0.112	45	112	181	304	428	585
			365	1.273	0.359	0.319	18	37	55	87	117	155
07233000	Coldwater Creek near Hardesty, Okla.	1940-1964	1	2.788	0.652	-0.231	650	2,200	4,032	7,512	11,087	15,602
			3	2.450	0.647	-0.244	299	1,001	1,821	3,361	4,927	6,890
			7	2.131	0.654	-0.160	141	485	905	1,732	2,610	3,753
			30	1.633	0.604	0.139	42	137	260	523	828	1,257
			90	1.338	0.533	0.356	20	60	109	215	339	518
			365	0.943	0.451	0.427	8	21	35	62	93	136
07234000	Beaver River at Beaver, Okla.	1938-1974	1	3.588	0.485	-0.783	4,473	10,066	14,266	19,632	23,487	27,135
			3	3.359	0.466	-0.460	2,480	5,723	8,477	12,479	15,749	19,202
			7	3.097	0.458	-0.103	1,274	3,056	4,779	7,639	10,301	13,442
			30	2.656	0.450	-0.057	457	1,087	1,700	2,726	3,691	4,840
			90	2.340	0.423	0.134	214	494	773	1,261	1,737	2,327
			365	1.880	0.390	-0.974	78	165	242	363	471	594
07234500	North Canadian River near Fort Supply, Okla.	1938-1950	1	3.756	0.422	-0.357	6,039	13,075	18,973	27,574	34,674	42,266
			3	3.541	0.431	-0.365	3,694	8,113	11,846	17,316	21,845	26,696
			7	3.295	0.446	-0.311	2,081	4,742	7,083	10,636	13,671	17,004
			30	2.891	0.424	-0.091	789	1,776	2,692	4,168	5,510	7,067
			90	2.568	0.429	-0.277	387	858	1,270	1,893	2,425	3,010
			365	2.124	0.404	-0.247	138	294	426	624	791	975
07235000	Wolf Creek at Lipscomb, Tex.	1962-1974	1	2.918	0.424	-0.279	867	1,904	2,802	4,155	5,035	6,567
			3	2.586	0.396	-0.255	400	837	1,204	1,748	2,204	2,700
			7	2.287	0.380	-0.270	202	409	579	825	1,029	1,247
			30	1.794	0.382	-0.143	64	131	189	278	354	439
			90	1.433	0.365	-0.141	28	55	78	113	143	175
			365	1.062	0.263	-0.006	12	19	25	33	40	47
07236000	Wolf Creek near Fargo, Okla.	1943-1974	1	3.207	0.482	0.521	1,463	3,940	6,999	13,498	21,151	32,217
			3	2.943	0.485	0.776	760	2,101	3,897	8,061	13,399	21,727
			7	2.676	0.471	0.866	406	1,094	2,020	4,182	6,982	11,395
			30	2.251	0.452	0.868	154	399	719	1,448	2,370	3,797
			90	2.015	0.393	1.070	88	204	348	668	1,063	1,665
			365	1.721	0.288	1.025	47	87	128	204	285	394
07237000	Wolf Creek near Fort Supply, Okla.	1943-1974	1	2.808	0.504	-0.793	747	1,734	2,487	3,457	4,158	4,822
			3	2.742	0.487	-0.669	625	1,444	2,094	2,971	3,636	4,293
			7	2.580	0.470	-0.296	401	956	1,462	2,252	2,943	3,714
			30	2.238	0.450	0.526	158	398	681	1,259	1,916	2,841
			90	1.983	0.443	0.545	88	218	371	683	1,037	1,535
			365	1.603	0.405	0.003	40	88	133	206	273	353

Table 2.--High flow characteristics of selected Oklahoma streams.--Continued

Station Number	Station Name	Period of Record	Duration in days	Statistics for given Duration in Logs			Discharge in CFS for given Recurrence Interval in Years					
				Mean	Stand. Dev.	Skew	2	5	10	25	50	100
07237500	North Canadian River at Woodward, Okla.	1943-1974	1	3.463	0.447	0.351	2,738	6,749	11,199	19,744	28,910	41,157
			3	3.333	0.438	0.451	1,995	4,882	8,149	14,564	21,607	31,216
			7	3.148	0.431	0.564	1,282	3,122	5,252	9,550	14,395	21,167
			30	2.767	0.450	0.524	534	1,347	2,303	4,254	6,472	9,590
			90	2.497	0.451	0.584	284	721	1,246	2,340	3,610	5,427
			365	2.099	0.406	0.267	121	272	426	700	975	1,323
07238000	North Canadian River near Seiling, Okla.	1947-1974	1	3.497	0.409	0.607	2,858	6,662	10,970	19,514	29,021	42,178
			3	3.358	0.422	0.597	2,071	4,957	8,281	14,970	22,503	33,029
			7	3.181	0.420	0.599	1,379	3,292	5,492	9,912	14,885	21,829
			30	2.825	0.449	0.321	633	1,567	2,598	4,567	6,666	9,455
			90	2.572	0.467	0.251	357	908	1,519	2,681	3,913	5,539
			365	2.168	0.437	-0.208	152	346	521	795	1,037	1,309
07239000	North Canadian River at Canton, Okla.	1938-1948	1	3.674	0.447	-0.190	4,871	11,298	17,226	26,649	35,070	44,678
			3	3.523	0.397	0.026	3,324	7,198	10,805	16,692	22,127	28,531
			7	3.368	0.369	0.084	2,304	4,750	6,981	10,580	13,879	17,752
			30	2.981	0.375	-0.401	1,014	2,003	2,771	3,829	4,661	5,518
			90	2.679	0.384	-0.574	519	1,018	1,383	1,858	2,210	2,556
			365	2.288	0.348	0.064	192	379	544	801	1,032	1,296
07239000	North Canadian River at Canton, Okla.	1949-1974	1	3.145	0.177	1.417	1,274	1,862	2,410	3,333	4,225	5,329
			3	3.133	0.180	1.429	1,235	1,818	2,366	3,296	4,200	5,327
			7	3.090	0.198	1.411	1,109	1,697	2,265	3,255	4,243	5,501
			30	2.795	0.327	1.243	536	1,077	1,708	3,018	4,554	6,797
			90	2.527	0.377	1.208	284	635	1,078	2,065	3,302	5,209
			365	2.090	0.359	0.869	109	233	372	649	960	1,396
07239500	North Canadian River near El Reno, Okla.	1903-1948	1	3.592	0.271	0.016	3,899	6,596	8,690	11,671	14,126	16,776
			3	3.421	0.312	-0.180	2,694	4,855	6,526	8,868	10,759	12,761
			7	3.280	0.314	0.023	1,901	3,502	4,827	6,805	8,501	10,389
			30	2.976	0.298	-0.161	964	1,693	2,249	3,022	3,642	4,296
			90	2.729	0.300	-0.924	595	966	1,179	1,405	1,546	1,665
			365	2.341	0.285	-0.415	299	384	491	626	726	823
07239500	North Canadian River near El Reno, Okla.	1949-1974	1	3.314	0.282	0.212	2,014	3,535	4,806	6,737	8,427	10,346
			3	3.191	0.244	0.418	1,492	2,454	3,256	4,481	5,563	6,803
			7	3.086	0.220	0.837	1,135	1,804	2,397	3,357	4,253	5,330
			30	2.794	0.344	0.677	569	1,167	1,790	2,946	4,161	5,769
			90	2.528	0.407	0.789	299	701	1,180	2,176	3,341	5,024
			365	2.148	0.368	0.437	132	280	430	699	971	1,319
07241500	North Canadian River near Oklahoma City, Okla.	1940-1960	1	3.697	0.225	0.143	4,916	7,673	9,753	12,664	15,036	17,582
			3	3.561	0.309	-0.366	3,798	6,676	8,757	11,496	13,578	15,676
			7	3.395	0.373	-0.623	2,716	5,194	6,953	9,178	10,788	12,338
			30	3.100	0.414	-0.514	1,365	2,845	3,998	5,569	6,784	8,016
			90	2.841	0.446	-0.420	744	1,669	2,447	3,579	4,506	5,489
			365	2.499	0.401	-0.437	301	620	872	1,222	1,499	1,785
07242000	North Canadian River near Wetumka, Okla.	1938-1974	1	4.005	0.290	0.596	9,476	17,269	24,578	36,928	48,873	63,629
			3	3.878	0.317	0.381	7,213	13,737	19,762	29,742	39,185	50,614
			7	3.686	0.329	0.189	4,739	9,117	13,011	19,214	24,859	31,465
			30	3.327	0.328	0.083	2,102	3,998	5,628	8.142	10,362	12,893
			90	3.084	0.334	0.009	1,211	2,317	3,253	4,675	5,911	7,301
			365	2.723	0.319	-0.055	532	982	1,349	1,886	2,339	2,836

Table 2.--High flow characteristics of selected Oklahoma streams.--Continued

Station Number	Station Name	Period of Record	Duration in days	Statistics for given Duration in Logs			Discharge in CFS for given Recurrence Interval in Years					
				Mean	Stand. Dev.	Skew	2	5	10	25	50	100
07243000	Dry Creek near Kendrick, Okla.	1956-1974	1	3.012	0.248	-0.282	1,057	1,675	2,100	2,644	3,049	3,454
			3	2.664	0.267	0.230	451	768	1,029	1,420	1,759	2,141
			7	2.368	0.276	0.085	231	398	530	724	887	1,067
			30	1.904	0.308	0.211	78	145	202	292	373	466
			90	1.585	0.327	0.314	37	71	103	155	204	263
			365	1.181	0.323	0.361	14	28	40	61	80	104
07243500	Deep Fork near Beggs, Okla.	1939-1974	1	3.959	0.404	0.346	8,622	19,507	30,834	51,467	72,625	99,898
			3	3.921	0.387	0.294	7,975	17,362	26,741	43,216	59,567	80,084
			7	3.836	0.377	0.277	6,640	14,088	21,272	33,491	45,265	59,677
			30	3.476	0.367	0.065	2,968	6,078	8,887	13,379	17,464	22,226
			90	3.204	0.361	-0.278	1,661	3,246	4,512	6,309	7,769	9,317
			365	2.789	0.347	-0.291	639	1,215	1,664	2,291	2,793	3,319
07244000	Deep Fork near Dewar, Okla.	1938-1950	1	4.176	0.415	-0.675	16,697	34,023	46,656	62,781	74,492	85,739
			3	4.145	0.403	-0.669	15,462	30,884	41,999	56,093	66,284	76,047
			7	4.081	0.383	-0.791	13,529	25,665	33,775	43,410	49,968	55,949
			30	3.739	0.386	-0.947	6,296	11,702	15,074	18,821	21,208	23,267
			90	3.469	0.360	-1.598	3,636	5,803	6,723	7,439	7,756	7,959
			365	3.024	0.370	-1.601	1,314	2,122	2,466	2,734	2,854	2,930
07245000	Canadian River near Whitefield, Okla.	1939-1974	1	4.688	0.486	-0.964	58,138	126,356	173,211	228,081	264,263	296,122
			3	4.615	0.493	-1.246	51,834	107,005	139,637	172,607	191,356	205,940
			7	4.482	0.485	-1.423	39,136	76,695	96,500	114,477	123,658	130,193
			30	4.175	0.461	-1.644	19,706	35,433	42,444	47,923	50,332	51,849
			90	3.951	0.442	-1.763	11,835	20,217	23,600	26,024	27,001	27,573
			365	3.607	0.414	-1.768	5,272	8,696	10,045	11,000	11,382	11,605
07245500	Sallisaw Creek near Sallisaw, Okla.	1943-1974	1	3.675	0.311	0.536	4,435	8,416	12,214	18,714	25,063	32,963
			3	3.450	0.281	0.552	2,656	4,743	6,651	9,805	12,793	16,424
			7	3.223	0.253	0.191	1,642	2,712	3,563	4,806	5,856	7,018
			30	2.852	0.245	-0.102	718	1,145	1,455	1,870	2,194	2,530
			90	2.613	0.267	-0.397	428	695	876	1,104	1,271	1,434
			365	2.210	0.299	-0.712	176	292	365	450	507	558
07246500	Arkansas River near Sallisaw, Okla.	1948-1964	1	5.279	0.276	0.007	190,104	324,433	429,193	578,615	701,903	835,190
			3	5.237	0.278	0.010	172,261	295,250	391,527	529,255	643,181	766,592
			7	5.141	0.291	-0.047	139,235	243,605	325,377	442,047	538,162	641,825
			30	4.897	0.335	-0.110	80,053	151,574	209,956	295,435	367,189	445,550
			90	4.664	0.341	-0.256	47,683	89,943	123,039	169,529	207,004	246,536
			365	4.331	0.332	-0.558	23,018	41,322	54,022	69,964	81,509	92,651
07247000	Poteau River at Cauthron, Ark.	1940-1974	1	3.821	0.289	-0.587	7,070	11,732	14,768	18,415	20,962	23,358
			3	3.575	0.313	-0.546	4,009	6,968	8,983	11,486	13,285	15,013
			7	3.314	0.280	-0.471	2,167	3,576	4,522	5,695	6,541	7,359
			30	2.930	0.247	-0.361	881	1,383	1,719	2,138	2,444	2,743
			90	2.681	0.260	-0.404	499	800	1,001	1,252	1,434	1,611
			365	2.263	0.274	-0.534	194	315	394	489	556	619
07247500	Fourche Maline near Red Oak, Okla.	1939-1974	1	3.599	0.300	0.148	3,902	7,051	9,702	13,735	17,265	21,268
			3	3.385	0.256	0.063	2,410	3,977	5,185	6,900	8.310	9,833
			7	3.134	0.238	-0.328	1,403	2,175	2,691	3,336	3,808	4,271
			30	2.718	0.253	-0.531	550	861	1,058	1,292	1,455	1,609
			90	2.454	0.268	-0.595	302	483	597	732	825	911
			365	2.036	0.282	-0.760	118	190	233	281	313	341

Table 2.--High flow characteristice of selected Oklahoma streams.--Continued

Station Number	Station Name	Period of Record	Duration in days	Statistics for given Duration in Logs			Discharge in CFS for given Recurrence Interval in Years					
				Mean	Stand. Dev.	Skew	2	5	10	25	50	100
07248500	Poteau River near Wister, Okla.	1939-1949	1	4.404	0.346	-0.169	25,896	49,753	69,126	97,254	120,642	145,957
			3	4.295	0.301	-0.453	20,784	35,682	46,016	59,130	68,774	78,230
			7	4.092	0.255	-0.558	13,041	20,442	25,114	30,632	34,444	38,006
			30	3.740	0.234	-0.521	5,763	8,730	10,578	12,751	14,250	15,651
			90	3.485	0.253	-0.735	3,277	5,031	6,066	7,214	7,960	8,624
			365	3.060	0.262	-1.101	1,280	1,916	2,240	2,552	2,729	2,869
07248500	Poteau River near Wister, Okla.	1950-1974	1	3.820	0.095	-0.065	6,623	7,947	8,730	9,639	10,271	10,871
			3	3.802	0.100	-0.429	6,440	7,719	8,411	9,157	9,640	10,074
			7	3.761	0.124	-1.334	6,138	7,333	7,810	8,198	8,388	8,521
			30	3.560	0.207	-1.019	3,930	5,444	6,200	6,932	7,351	7,687
			90	3.339	0.241	-0.643	2,315	3,508	4,225	5,039	5,582	6,074
			365	2.955	0.273	-0.645	964	1,543	1,905	2,325	2,610	2,871
07249400	James Fork near Hackett, Ark.	1959-1974	1	3.613	0.356	0.040	4,079	8.167	11,778	17,443	22,509	28,336
			3	3.370	0.327	-0.103	2,375	4,436	6,105	8,534	10,565	12,776
			7	3.107	0.301	-0.089	1,291	2,297	3,086	4,211	5,134	6,127
			30	2.706	0.220	-0.294	521	783	955	1,170	1,327	1,480
			90	2.455	0.240	0.138	282	452	583	770	923	1,090
			365	2.044	0.271	0.066	110	187	248	335	408	488
07250000	Lee Creek near Van Buren, Ark.	1931-1974	1	4.141	0.271	-0.183	14,112	23,517	30,389	39,631	46,846	54,297
			3	3.910	0.242	-0.028	8,156	13,006	16,573	21,439	25,302	29,356
			7	3.665	0.234	-0.103	4,670	7,299	9,170	11,651	13,572	15,547
			30	3.269	0.236	-0.279	1,904	2,947	3,653	4,545	5,205	5,859
			90	3.035	0.263	-0.630	1,156	1,822	2,235	2,714	3,038	3,336
			365	2.627	0.281	-0.758	459	738	906	1,094	1,218	1,328
07250500	Arkansas River at Van Buren, Ark.	1928-1964	1	5.318	0.274	0.010	207,908	353,932	467,692	629,853	763,594	908,149
			3	5.285	0.282	-0.051	194,021	333,499	441,276	593,452	717,722	850,864
			7	5.201	0.298	-0.176	162,185	284,679	377,761	506,546	609,475	717,648
			30	4.949	0.325	-0.260	91,787	168,126	226,615	307,480	371,823	439,049
			90	4.733	0.315	-0.388	56,649	100,459	132,128	173,711	205,242	236,917
			365	4.409	0.292	-0.621	27,472	45,617	57,315	71,222	80,835	89,793
07299570	Red River near Quanah, Tex.	1961-1974	1	3.905	0.303	-0.143	8.170	14,514	19,419	26,306	31,886	37,814
			3	3.616	0.355	-0.034	4,153	8,233	11,743	17,117	21,811	27,103
			7	3.312	0.377	-0.015	2,053	4,259	6,228	9,333	12,115	15,313
			30	2.842	0.356	-0.392	734	1,401	1,909	2,599	3,136	3,686
			90	2.487	0.341	-0.524	329	602	796	1,044	1,227	1,406
			365	2.060	0.325	-0.893	128	218	272	330	368	400
07299670	Groesbeck Creek at State Highway 283 near Quanah, Tex.	1963-1974	1	2.895	0.536	-0.079	798	2,227	3,774	6,579	9,384	12,884
			3	2.552	0.543	-0.378	386	1,037	1,667	2,679	3,579	4,593
			7	2.239	0.557	-0.197	181	516	872	1,500	2,107	2,847
			30	1.715	0.519	-0.270	55	144	231	375	506	659
			90	1.329	0.439	0.088	21	50	79	129	178	239
			365	0.959	0.357	0.291	9	18	27	42	56	73
07300000	Salt Fork Red River near Wellington, Tex.	1953-1966	1	3.674	0.413	-0.594	5,185	10,663	14,787	20,223	24,295	28,312
			3	3.314	0.369	-0.680	2,268	4,273	5,655	7,359	8,563	9,697
			7	3.014	0.351	-0.775	1,145	2,064	2,660	3,358	3,829	4,256
			30	2.535	0.382	-0.532	371	729	996	1,347	1,612	1,875
			90	2.196	0.344	-0.470	167	309	413	549	651	752
			365	1.806	0.233	-0.202	65	101	125	157	181	205

Table 2.--High flow characteristics of selected Oklahoma streams.--Continued

Station Number	Station Name	Period of Record	Duration in days	Statistics for given Duration in Logs			Discharge in CFS for given Recurrence Interval in Years					
				Mean	Stand. Dev.	Skew	2	5	10	25	50	100
07300500	Salt Fork Red River at Mangum, Okla.	1938-1974	1	3.654	0.355	-0.297	4,690	9,040	12,460	17,258	21,114	25,165
			3	3.347	0.363	-0.545	2,401	4,552	6,109	8,119	9,609	11,070
			7	3.056	0.373	-0.539	1,227	2,374	3,216	4,315	5,137	5,949
			30	2.593	0.392	-0.518	423	848	1,169	1,599	1,926	2,254
			90	2.262	0.370	-0.330	192	387	526	734	902	1,077
			365	1.844	0.315	-0.628	75	130	166	210	240	269
07301300	North Fork Red River near Shamrock, Tex.	1965-1974	1	3.060	0.349	-1.763	1,432	2,186	2,470	2,668	2,747	2,793
			3	2.766	0.297	-0.928	647	1,045	1,272	1,514	1,663	1,789
			7	2.482	0.272	-0.293	313	517	661	848	991	1,134
			30	2.091	0.302	-0.053	124	222	299	411	504	605
			90	1.742	0.316	-0.808	61	103	129	158	177	194
			365	1,311	0.314	-1.487	24	37	43	47	50	51
07301410	Sweetwater Creek near Kelton, Tex.	1963-1974	1	2.553	0.275	-0.194	365	612	793	1,036	1,225	1,421
			3	2.247	0.275	-0.109	178	301	394	521	623	730
			7	2.002	0.256	-0.259	103	166	210	267	310	353
			30	1.605	0.222	-0.289	41	62	76	93	106	119
			90	1.374	0.181	-0.384	24	34	40	46	51	55
			365	1.118	0.135	-0.557	13	17	19	21	23	24
07301500	North Fork Red River near Carter, Okla.	1945-1974	1	3.594	0.356	-0.002	3,923	7,815	11,202	16,445	21,073	26,337
			3	3.341	0.367	0.036	2,183	4,465	6,509	9,751	12,675	16,060
			7	3.087	0.376	-0.066	1,232	2,534	3,675	5,440	6,994	8,755
			30	2.680	0.402	-0.161	491	1,049	1,540	2,295	2,952	3,690
			90	2.379	0.353	-0.233	247	479	664	930	1,149	1,382
			365	1.963	0.336	-0.629	99	178	232	297	343	387
07302000	North Fork Red River near Granite, Okla.	1904-1944	1	3.787	0.177	0.370	5,966	8,541	10,455	13,117	15,283	17,611
			3	3.560	0.199	0.410	3,519	5,278	6,643	8,612	10,265	12,086
			7	3.334	0.190	0.046	2,150	3,115	3,788	4,673	5,356	6,059
			30	2.930	0.183	0.987	795	1,170	1,494	2,005	2,471	3,020
			90	2.673	0.187	0.725	447	662	838	1,104	1,338	1,605
			365	2.239	0.229	0.030	172	269	340	437	515	596
07303400	Elm Fork of North Fork Red River near Carl, Okla.	1960-1974	1	3.217	0.275	-0.381	1,715	2,830	3,598	4,575	5,297	6,010
			3	2.930	0.218	-0.363	877	1,307	1,584	1,921	2,161	2,393
			7	2.646	0.189	-0.567	462	643	739	866	944	1,015
			30	2.197	0.172	-0.391	162	221	257	298	327	353
			90	1.925	0.155	-0.179	85	114	132	154	169	184
			365	1.598	0.138	-1.039	42	52	57	61	63	65
07303500	Elm Fork of North Fork Red River near Mangum, Okla.	1906-1974	1	3.535	0.363	-0.521	3,664	6,975	9,395	12,549	14,907	17,239
			3	3.254	0.337	-0.676	1,960	3,496	4,519	5,752	6,610	7,409
			7	2.984	0.347	-0.709	1,060	1,913	2,481	3,160	3,629	4,064
			30	2.565	0.381	-0.933	420	777	1,000	1,248	1,407	1,545
			90	2.282	0.352	-0.605	208	383	506	659	769	875
			365	1.909	0.300	-0.469	86	146	188	241	280	318
07304500	Elk Creek near Hobart, Okla.	1905-1974	1	3.481	0.269	-0.083	3,053	5,112	6,661	8,801	10,516	12,326
			3	3.269	0.320	-0.239	1,913	3,480	4,682	6,346	7,675	9,067
			7	2.983	0.343	-0.198	987	1,884	2,603	3,635	4,484	5,395
			30	2.496	0.384	-0.367	331	667	935	1,312	1,613	1,929
			90	2.141	0.353	-0.266	144	277	383	533	654	783
			365	1.719	0.337	-0.257	54	101	138	190	231	275

Table 2.--High flow characteristics of selected Oklahoma streams.--Continued

Station Number	Station Name	Period of Record	Duration in days	Statistics for given Duration in Logs Mean	Stand. Dev.	Skew	Discharge in CFS for given Recurrence Interval in Years 2	5	10	25	50	100
07305000	North Fork Red River near Headrick, Okla.	1945-1974	1	3.922	0.298	-0.465	8,816	15,034	19,311	24,704	28,647	32,495
			3	3.750	0.314	-0.393	5,902	10,445	13,721	18,011	21,258	24,514
			7	3.497	0.336	-0.312	3,268	6,078	8,223	11,168	13,491	15,899
			30	3.072	0.384	-0.152	1,207	2,499	3,611	5,296	6,749	8,365
			90	2.743	0.351	-0.108	561	1,096	1,542	2,206	2,771	3,395
			365	2.313	0.314	-0.196	210	380	511	693	840	995
07305500	West Otter Creek at Snyder Lake near Mountain Park, Okla.	1904-1974	1	3.173	0.344	-0.447	1,581	2,937	3,934	5,248	6,245	7,244
			3	2.888	0.327	-0.991	872	1,466	1,807	2,165	2,383	2,566
			7	2.613	0.346	-1.251	482	801	965	1,118	1,202	1,264
			30	2.133	0.344	-0.899	153	267	337	413	463	505
			90	1.769	0.362	-0.747	65	120	157	200	230	257
		365	365	1.270	0.369	-0.593	20	39	52	68	81	92
07308200	Pease River near Vernon, Tex.	1961-1974	1	3.675	0.422	-0.973	5,530	10,843	14,244	18,061	20,501	22,605
			3	3.430	0.400	-1.208	3,223	5,848	7,302	8,735	9,542	10,170
			7	3.170	0.392	-1.390	1,809	3,132	3,788	4,372	4,669	4,881
			30	2.654	0.344	-1.428	541	870	1,023	1,154	1,218	1,263
			90	2.293	0.349	-2.004	251	366	403	424	431	434
			365	1.932	0.311	-1.491	102	155	178	197	206	211
07308500	Red River near Burkburnett, Tex.	1961-1974	1	4.228	0.355	-0.517	18,131	34,029	45,542	60,477	71,602	82,573
			3	4.108	0.383	-0.571	13,949	27,307	37,104	49,836	59,294	68,579
			7	3.896	0.377	-0.823	8,847	16,538	21,573	27,452	31,389	34,934
			30	3.490	0.349	-1.047	3,543	6,112	7,580	9,105	10,019	10,770
			90	3.174	0.300	-0.953	1,664	2,694	3,278	3,893	4,269	4,586
			365	2.806	0.292	-0.672	690	1,139	1,423	1,755	1,980	2,187
07311000	East Cache Creek near Walters, Okla.	1939-1974	1	3.709	0.396	-1.043	5,977	11,112	14,200	17,501	19,520	21,202
			3	3.521	0.437	-1.055	3,953	7,816	10,223	12,841	14,457	15,811
			7	3.256	0.442	-0.843	2,075	4,301	5,851	7,724	9,006	10,176
			30	2.824	0.440	-0.701	749	1,588	2,211	3,012	3,595	4,155
			90	2.503	0.417	-0.800	362	724	975	1,279	1,488	1,681
			365	2.106	0.361	-0.808	143	260	336	424	483	537
07311500	Deep Red Run near Randlett, Okla.	1950-1974	1	3.653	0.398	-0.390	4,773	9,844	13,914	19,654	24,258	29,071
			3	3.513	0.416	-0.650	3,616	7,413	10,215	13,832	16,487	19,061
			7	3.228	0.439	-0.658	1,889	4,025	5,638	7,750	9,315	10,840
			30	2.738	0.408	-0.493	590	1,221	1,713	2,386	2,909	3,440
			90	2.370	0.393	-0.736	262	509	680	889	1,036	1,173
			365	1.926	0.346	-0.429	89	167	224	300	358	416
07312500	Wichita River at Wichita Falls, Okla.	1939-1971	1	3.585	0.310	-0.240	3,953	7,048	9,386	12,592	15,128	17,769
			3	3.476	0.334	-0.252	3,091	5,766	7,846	10,755	13,091	15,550
			7	3.270	0.359	-0.231	1,920	3,762	5,254	7,405	9,177	11,079
			30	2.929	0.396	0.353	805	1,794	2,815	4,660	6,541	8,956
			90	2.677	0.354	0.656	435	908	1,406	2,335	3,317	4,623
			365	2.356	0.262	0.639	213	268	507	737	955	1,219
07313000	Little Beaver near Duncan, Okla.	1949-1963	1	3.505	0.445	-0.299	3,365	7,666	11,465	17,250	22,211	27,676
			3	3.148	0.430	-0.370	1,495	3,279	4,781	6,977	8,791	10,731
			7	2.834	0.435	-0.365	725	1,606	2,354	3,455	4,370	5,352
			30	2.380	0.455	-0.334	254	586	880	1,325	1,705	2,120
			90	2.032	0.423	-0.511	117	247	351	493	603	716
			365	1.617	0.334	-0.721	45	80	103	129	148	164

Table 2.--High flow characteristics of selected Oklahoma streams.--Continued

Station Number	Station Name	Period of Record	Duration in days	Statistics for given Duration in Logs: Mean	Stand. Dev.	Skew	Discharge in CFS for given Recurrence Interval in Years: 2	5	10	25	50	100
07313500	Beaver Creek near Waurika, Okla.	1954-1974	1	3.521	0.402	0.850	2,913	6,795	11,448	21,258	32,848	49,772
			3	3.342	0.388	0.663	1,991	4,458	7,205	12,586	18,520	26,681
			7	3.062	0.384	0.859	1,017	2,283	3,761	6,800	10,317	15,364
			30	2.582	0.410	0.994	327	781	1,352	2,621	4,194	6,593
			90	2.248	0.412	0.634	160	377	626	1,125	1,688	2,474
			365	1.856	0.375	0.235	69	147	221	348	470	620
07315500	Red River near Terrel, Okla.	1939-1974	1	4.586	0.306	-0.085	38,963	69,959	94,471	129,601	158,607	189,916
			3	4.476	0.311	-0.106	30,295	54,891	74,361	102,244	125,231	150,003
			7	4.277	0.320	0.054	18,817	35,112	48,831	69,612	87,668	107,993
			30	3.884	0.364	0.261	7,386	15,313	22,895	35,730	48,064	63,141
			90	3.607	0.333	0.534	3,781	7,499	11,166	17,615	24,067	32,250
			365	3.246	0.281	0.248	1,717	3,011	4,102	5,771	7,243	8,924
07315700	Mud Creek near Courtney, Okla.	1961-1974	1	3.529	0.387	0.289	3,237	7,050	10,856	17,535	24,157	32,459
			3	3.419	0.343	-0.001	2,622	5,094	7,209	10,437	13,255	16,435
			7	3.189	0.321	0.067	1,532	2,873	4,009	5,740	7,252	8,962
			30	2.711	0.308	-0.167	524	937	1,256	1,703	2,064	2,447
			90	2.336	0.351	-0.019	217	428	609	887	1,131	1,405
			365	1.906	0.346	-0.060	81	158	223	320	404	497
07316000	Red River near Gainesville, Tex.	1937-1971	1	4.633	0.295	-.159	43,771	76,472	101,353	135,850	163,491	192,608
			3	4.537	0.317	-.147	35,027	63,880	86,588	118,874	145,294	173,572
			7	4.359	0.317	-.070	23,067	42,407	58,024	80,775	99,826	120,617
			30	3.998	0.352	.069	9,871	19,643	28,296	41,930	54,179	68,328
			90	3.718	0.337	.233	5,064	9,917	14,338	21,529	28,202	36,134
		1937-1974	365	3.346	0.281	.107	2,195	3,813	5.122	7,053	8,696	10,518
07316500	Washita River near Cheyenne, Okla.	1938-1960	1	3.133	0.456	-0.490	1,478	3,337	4,877	7,071	8,831	10,662
			3	2.855	0.443	-0.406	767	1,714	2,513	3,679	4,637	5,656
			7	2.599	0.418	-0.301	417	903	1,318	1,933	2,451	3,013
			30	2.220	0.447	-0.017	166	394	619	999	1,360	1,794
			90	1.930	0.410	-0.194	87	189	279	416	534	667
			365	1.483	0.377	-0.394	32	64	89	123	150	178
07319500	Sandstone Creek near Berlin, Okla.	1953-1970	1	2.037	0.378	0.389	103	223	342	558	776	1,054
			3	1.765	0.431	0.195	56	133	212	353	495	675
			7	1.501	0.488	0.302	30	80	138	253	380	553
			30	1.062	0.500	0.030	11	30	51	88	125	172
			90	0.797	0.439	-0.230	7	15	22	34	44	56
		1953-1972	365	0.419	0.409	-0.895	3	6	8	10	11	13
07322500	East Branch Sandstone Creek near Elk City, Okla.	1952-1970	1	1.675	0.401	-0.627	52	104	143	192	228	263
			3	1.358	0.444	-0.234	23	54	82	125	163	206
			7	1.079	0.482	-0.199	12	31	48	77	104	135
			30	0.612	0.512	-0.394	4	11	18	27	36	45
			90	0.349	0.496	-0.874	3	6	8	11	13	15
		1952-1972	365	-0.004	0.445	0.502	1	2	4	6	8	11
07324400	Washita River near Foss, Okla.	1962-1971	1	2.422	0.329	-0.059	266	501	694	979	1,222	1,489
			3	2.136	0.334	-0.939	154	264	329	399	443	480
			7	1.926	0.310	-1.623	101	151	171	186	192	196
			30	1.526	0.271	-1.920	40	55	59	62	63	64
			90	1.219	0.209	-1.800	19	24	26	27	28	28
			365	0.881	0.151	-0.968	8	10	11	12	13	13

Table 2.--High flow characteristics of selected Oklahoma streams.--Continued

Station Number	Station Name	Period of Record	Duration in days	Statistics for given Duration in Logs			Discharge in CFS for given Recurrence Interval in Years					
				Mean	Stand. Dev.	Skew	2	5	10	25	50	100
07325000	Washita River near Clinton, Okla.	1936-1961	1	3.649	0.330	0.077	4,416	8,425	11,875	17,196	21,893	27,249
			3	3.443	0.329	0.024	2,762	5,235	7,325	10,495	13,249	16,346
			7	3.213	0.329	-0.262	1,687	3,110	4,204	5,721	6,930	8,195
			30	2.779	0.350	-0.238	620	1,192	1,648	2,298	2,829	3,394
			90	2.500	0.334	-0.120	321	607	840	1,179	1,462	1,771
			365	2.064	0.314	-0.466	123	215	280	364	425	485
07325000	Washita River near Clinton, Okla.	1962-1971	1	3.022	0.296	0.640	978	1,811	2,608	3,982	5,334	7,029
			3	2.779	0.268	0.394	577	995	1,354	1,916	2,423	3,013
			7	2.515	0.287	0.277	317	565	777	1,106	1,400	1,740
			30	2.059	0.254	0.124	113	187	244	327	396	471
			90	1.788	0.215	-0.075	62	93	115	144	166	188
			365	1.508	0.241	-0.192	33	52	65	82	95	108
07325500	Washita River at Carnegie, Okla.	1962-1971	1	3.567	0.328	0.450	3,491	6,821	10,005	15,448	20,749	27,320
			3	3.452	0.363	0.456	2,658	5,580	8,532	13,814	19,166	26,014
			7	3.224	0.378	0.349	1,591	3,417	5,247	8,479	11,709	15,788
			30	2.793	0.371	0.115	610	1,268	1,875	2,867	3,786	4,876
			90	2.520	0.295	0.008	330	586	791	1,090	1,341	1,617
			365	2.214	0.276	0.015	163	279	369	498	605	721
07326000	Cobb Creek near Fort Cobb, Okla.	1940-1959	1	3.203	0.427	-1.288	1,957	3,636	4,547	5,419	5,894	6,252
			3	2.953	0.420	-2.019	1,210	1,899	2,123	2,255	2,299	2,320
			7	2.681	0.372	-1.678	601	959	1,104	1,212	1,258	1,286
			30	2.235	0.301	-0.753	187	311	388	475	533	586
			90	1.970	0.257	-0.384	96	154	193	242	278	312
			365	1.631	0.232	-0.981	47	67	78	89	96	101
07326000	Cobb Creek near Fort Cobb, Okla.	1960-1971	1	2.508	0.557	-0.649	370	969	1,489	2,236	2,831	3,439
			3	2.380	0.659	-0.823	295	878	1,395	2,125	2,684	3,235
			7	2.179	0.680	-0.906	194	574	892	1,311	1,611	1,889
			30	1.748	0.591	-0.876	68	179	268	385	469	549
			90	1.422	0.507	-0.520	29	72	109	163	208	255
			365	1.065	0.415	-0.214	12	26	39	58	74	92
07327490	Little Washita River near Ninnekah, Okla.	1964-1974	1	2.860	0.354	0.344	692	1,415	2,112	3,309	4,475	5,916
			3	2.577	0.356	-0.267	392	760	1,053	1,469	1,807	2,166
			7	2.293	0.331	-0.016	197	373	521	742	933	1,145
			30	1.840	0.302	-0.030	69	124	168	232	285	343
			90	1.602	0.295	0.382	38	70	98	143	184	234
			365	1.295	0.268	0.614	19	32	45	65	85	109
07327500	Little Washita River at Ninnekah, Okla.	1952-1963	1	3.142	0.413	0.156	1,352	3,062	4,760	7,704	10,577	14,123
			3	2.862	0.404	-0.116	740	1,597	2,363	3,562	4,624	5,831
			7	2.578	0.386	-0.092	383	802	1,171	1,743	2,246	2,817
			30	2.179	0.331	0.316	145	282	409	619	817	1,056
			90	1.900	0.261	1.157	70	123	177	277	381	519
			365	1.594	0.203	0.652	37	57	73	98	120	145
07328000	Washita River near Tabler, Okla.	1940-1952	1	3.990	0.314	0.385	9,329	17,638	25,280	37,893	49,794	64,168
			3	3.865	0.290	0.092	7,260	12,837	17,393	24,153	29,933	36,366
			7	3.773	0.291	-0.126	6,008	10,441	13,830	18,555	22,363	26,395
			30	3.429	0.315	-0.329	2,793	4,986	6,606	8,775	10,452	12,163
			90	3.166	0.271	-0.393	1,525	2,497	3,160	3,997	4,612	5,217
			365	2.774	0.242	-0.967	649	955	1,117	1,280	1,377	1,457

Table 2.--High flow characterisitcs of selected Oklahoma streams.--Continued

Station Number	Station Name	Period of Record	Duration in days	Statistics for given Duration in Logs			Discharge in CFS for given Recurrence Interval in Years					
				Mean	Stand. Dev.	Skew	2	5	10	25	50	100
07328500	Washita River near Pauls Valley, Okla.	1938-1974	1	3.988	0.239	0.212	9,547	15,381	19,957	26,572	32,123	38,223
			3	3.866	0.250	0.147	7,250	11,871	15,485	20,687	25,029	29,777
			7	3.719	0.261	-0.052	5,266	8,699	11,274	14,835	17,691	20,710
			30	3.365	0.317	0.122	2,284	4,262	5,955	8,562	10,865	13,494
			90	3.103	0.318	-0.036	1,274	2,352	3,233	4,531	5,629	6,838
			365	2.763	0.271	-0.188	591	985	1,273	1,659	1,961	2,272
07329000	Rush Creek at Purdy, Okla.	1940-1953	1	3.515	0.336	-0.118	3,324	6,305	8,735	12,288	15,266	18,514
			3	3.207	0.364	-0.126	1,638	3,275	4,658	6,733	8,508	10,472
			7	2.926	0.355	-0.150	860	1,685	2,368	3,375	4,223	5,151
			30	2.476	0.360	-0.034	300	602	864	1,266	1,619	2,019
			90	2.168	0.307	-0.148	149	268	360	489	594	706
			365	1.759	0.318	-0.298	60	107	143	191	229	268
07329500	Rush Creek near Maysville, Okla.	1955-1969	1	3.343	0.414	0.001	2,202	4,909	7,465	11,673	15,582	20,205
			3	3.070	0.377	0.162	1,148	2,422	3,626	5,634	7,532	9,817
			7	2.765	0.364	0.216	564	1,166	1,734	2,685	3,586	4,676
			30	2.297	0.399	0.471	184	417	667	1,137	1,635	2,294
			90	1.970	0.383	0.461	87	190	299	498	704	973
			365	1.582	0.366	-0.352	40	78	108	150	183	218
07330500	Caddo Creek near Ardmore, Okla.	1937-1950	1	3.656	0.464	-1.081	5,467	11,217	14,849	18,806	21,242	23,272
			3	3.418	0.463	-0.585	2,903	6,531	9,442	13,448	16,551	19,686
			7	3.155	0.464	-0.786	1,639	3,563	4,972	6,746	8,006	9,188
			30	2.708	0.431	-0.880	590	1,193	1,602	2,083	2,405	2,694
			90	2.432	0.428	-1.263	330	618	777	931	1,016	1,080
			365	2.041	0.425	-1.154	132	252	321	393	435	468
07331000	Washita River near Durwood, Okla.	1929-1974	1	4.312	0.318	-0.011	20,519	37,726	51,829	72,683	90,401	109,978
			3	4.191	0.314	0.030	15,469	28,491	39,288	55,433	69,299	84,761
			7	4.010	0.308	-0.028	10,270	18,605	25,335	35,164	43,425	52,474
			30	3.656	0.310	0.079	4,489	8,245	11,391	16,144	20,269	24,910
			90	3.393	0.298	0.184	2,420	4,377	6,038	8,589	10,840	13,412
			365	3.059	0.272	-0.036	1,149	1,942	2,549	3,402	4,095	4,836
07331600	Red River at Denison Dam, near Denison, Tex.	1960-1971	1	4.163	0.374	0.194	14,160	29,769	44,604	69,495	93,175	121,851
			3	4.142	0.392	0.141	13,584	29,446	44,661	70,285	94,691	124,233
			7	4.098	0.410	0.093	12,353	27,602	42,373	67,354	91,180	120,018
			30	3.893	0.337	0.178	7,632	14,893	21,405	31,835	41,371	52,564
			90	3.706	0.254	0.197	4,981	8,254	10,868	14,697	17,945	21,542
			365	3.482	0.187	-0.167	3,067	4,370	5,223	6,286	7,066	7,836
07332000	Red River near Colbert, Okla.	1945-1959	1	4.455	0.386	-1.233	34,054	60,247	74,370	88,023	95,585	101,391
			3	4.428	0.398	-1.227	32,173	58,033	72,188	85,995	93,695	99,635
			7	4.376	0.413	-1.143	28,389	53,193	67,604	82,396	91,059	98,011
			30	4.197	0.380	-0.524	16,996	33,307	45,453	61,486	73,585	85,624
			90	3.960	0.320	0.074	9,044	16,911	23,577	33,736	42,613	52,654
			365	3.642	0.229	0.018	4,380	6,839	8,641	11,096	13,046	15,095
07332500	Blue River near Blue, Okla.	1937-1974	1	3.842	0.324	-0.741	7,613	13,171	16,720	20,850	23,632	26,162
			3	3.668	0.328	-0.948	5,239	8,876	11,008	13,295	14,714	15,919
			7	3.393	0.329	-0.937	2,780	4,724	5,871	7,107	7,879	8,536
			30	2.994	0.341	-0.980	1,119	1,926	2,398	2,902	3,212	3,473
			90	2.744	0.330	-0.724	608	1,063	1,357	1,704	1,940	2,155
			365	2.388	0.304	-0.772	267	444	553	677	759	832

Table 2.--High flow characteristics of selected Oklahoma streams.--Continued

Station Number	Station Name	Period of Record	Duration in days	Statistics for given Duration in Logs			Discharge in CFS for given Recurrence Interval in Years					
				Mean	Stand. Dev.	Skew	2	5	10	25	50	100
07333500	Chickasaw Creek near Stringtown, Okla.	1956-1968	1	3.258	0.226	-1.130	1,992	2,815	3,214	3,587	3,793	3,953
			3	2.922	0.192	-1.020	899	1,217	1,373	1,522	1,607	1,675
			7	2.632	0.220	-0.259	438	660	808	994	1,131	1,266
			30	2.149	0.257	-0.092	142	232	298	389	460	535
			90	1.834	0.294	0.021	68	120	163	224	276	334
			365	1.405	0.292	-0.891	28	45	55	66	72	78
07333800	McGee Creek near Stringtown, Okla.	1957-1968	1	3.579	0.224	-0.979	4,123	5,894	6,810	7,721	8,255	8,691
			3	3.307	0.198	-0.667	2,133	2,996	3,485	4,017	4,361	4,666
			7	3.027	0.229	-0.305	1,094	1,669	2,051	2,527	2,876	3,217
			30	2.574	0.268	-0.038	376	631	825	1,097	1,317	1,552
			90	2.294	0.250	0.624	185	310	421	601	767	966
			365	1.901	0.220	0.192	78	121	154	200	238	278
07334000	Muddy Boggy Creek near Farris, Okla.	1938-1974	1	4.240	0.209	-0.190	17,656	26,177	31,890	39,115	44,480	49,817
			3	4.155	0.232	-0.291	14,669	22,525	27,788	34,400	39,263	44,057
			7	3.969	0.263	-0.427	9,719	15,627	19,569	24,457	27,992	31,420
			30	3.549	0.260	-0.392	3,683	5,906	7,402	9,271	10,633	11,964
			90	3.272	0.270	-0.248	1,918	3,174	4,072	5,255	6,162	7,083
			365	2.878	0.281	-0.395	788	1,314	1,677	2,138	2,480	2,816
07335000	Clear Boggy Creek near Caney, Okla.	1943-1974	1	3.988	0.253	-0.012	9,747	15,901	20,524	26,931	32,089	37,561
			3	3.895	0.259	-0.755	8,450	13,084	15,814	18,834	20,791	22,523
			7	3.682	0.273	-1.050	5,361	8,208	9,710	11,201	12,067	12,766
			30	3.264	0.296	-0.811	2,011	3,288	4,055	4,906	5,456	5,941
			90	2.987	0.309	-0.552	1,077	1,787	2,294	2,921	3,369	3,798
			365	2.601	0.297	-0.372	416	716	929	1,206	1,415	1,624
07335500	Red River at Arthur City, Tex.	1944-1971	1	4.742	0.185	0.125	54,737	78,777	95,773	118,411	136,096	154,470
			3	4.668	0.186	0.207	45,911	66,524	81,443	101,716	117,846	134,857
			7	4.575	0.206	0.087	37,364	55,942	69,353	87,475	101,794	116,795
			30	4.318	0.274	0.125	20,534	35,251	47,109	64,549	79,364	95,777
			90	4.102	0.264	0.649	11,852	20,505	28,395	41,430	53,799	68,855
			365	3.818	0.222	0.260	6,432	10,038	12,830	16,834	20,172	23,824
07336000	Tenmile Creek near Miller, Okla.	1956-1970	1	3.420	0.189	-2.011	3,004	3,679	3,870	3,978	4,013	4,030
			3	3.175	0.156	-0.556	1,547	2,034	2,306	2,603	2,796	2,969
			7	2.888	0.173	0.446	750	1,067	1,306	1,642	1,918	2,217
			30	2.474	0.219	0.221	292	452	574	746	889	1,043
			90	2.205	0.253	0.429	153	257	345	481	603	743
			365	1.818	0.254	-0.356	68	108	136	170	195	220
07336500	Kiamichi River near Belzoni, Okla.	1926-1971	1	4.480	0.188	-0.203	30,663	43,655	52,083	62,493	70,070	77,498
			3	4.403	0.203	-0.245	25,789	37,688	45,473	55,123	62,157	69,054
			7	4.212	0.206	-0.049	16,352	24,331	29,883	37,147	42,715	48,405
			30	3.814	0.202	-0.152	6,600	9,684	11,755	14,383	16,343	18,300
			90	3.563	0.205	0.070	3,636	5,431	6,718	8,450	9,811	11,233
			365	3.186	0.203	-0.127	1,549	2,279	2,774	3,406	3,880	4,356
07337000	Red River at Index, Ark.	1944-1971	1	4.884	0.193	-0.400	78,782	111,858	132,213	156,174	173,827	188,542
			3	4.853	0.199	-0.252	72,624	105,161	126,273	152,280	171,139	189,559
			7	4.766	0.206	-0.082	58,783	87,285	106,933	132,422	151,810	171,493
			30	4.500	0.235	0.238	30,975	49,573	64,178	85,331	103,116	122,695
			90	4.290	0.247	0.515	18,555	30,830	41,372	57,897	72,843	90,324
			365	4.005	0.205	0.317	9,862	14,917	18,788	24,298	28,869	33,852

Table 2.--High flow characteristics of selected Oklahoma streams.--Continued

Station Number	Station Name	Period of Record	Duration in days	Statistics for given Duration in Logs			Discharge in CFS for given Recurrence Interval in Years					
				Mean	Stand. Dev.	Skew	2	5	10	25	50	100
07337500	Little River near Wright City, Okla.	1930-1969	1	4.298	0.271	-0.019	19,921	33,658	44,224	59,120	71,281	84,317
			3	4.101	0.238	0.161	12,420	19,901	25,678	33,914	40,736	48,153
			7	3.883	0.212	-0.016	7,655	11,526	14,265	17,898	20,715	23,623
			30	3.519	0.202	-0.139	3,342	4,899	5,949	7,283	8,281	9,279
			90	3.282	0.210	0.101	1,897	2,866	3,573	4,536	5,302	6,109
			365	2.915	0.209	-0.072	828	1,237	1,520	1,891	2,173	2,462
07337900	Glover Creek near Glover, Okla.	1962-1974	1	4.146	0.285	0.409	13,398	23,907	33,210	48,115	61,827	78,065
			3	3.888	0.224	0.922	7,091	11,871	16,372	24,043	31,547	40,930
			7	3.640	0.226	0.478	4,192	6,659	8,689	11,761	14,454	17,524
			30	3.239	0.215	-0.541	1,813	2,649	3,153	3,733	4.126	4,488
			90	2.987	0.202	0.029	969	1,437	1,767	2,205	2,546	2,898
			365	2.617	0.219	0.378	401	625	803	1,065	1,288	1,537
07338500	Little River below Lukfata Creek near Idabel, Okla.	1947-1969	1	4.365	0.260	0.012	23,156	38,320	49,897	66,154	79,397	93,577
			3	4.284	0.223	-0.161	19,518	29,758	36,815	45,931	52,824	59,780
			7	4.131	0.208	-0.446	14,023	20,375	24,301	28,918	32,118	35.128
			30	3.776	0.196	-0.531	6,215	8,785	10,306	12,032	13,919	14,254
			90	3.537	0.212	0.025	3,438	5,197	6,457	8.146	9.471	10,849
			365	3.174	0.199	-0.041	1,497	2,194	2,675	3,301	3,777	4,263
07339000	Mountain Fork River near Eagletown, Okla.	1925-1966	1	4.434	0.232	-0.379	28,060	42,794	52,390	64,141	72,577	80,730
			3	4.244	0.204	0.055	17,445	25,974	32,060	40,202	46,579	53,211
			7	4.017	0.175	-0.052	10,424	14,588	17,357	20,859	23,471	26,085
			30	3.664	0.192	-0.080	4,645	6,716	8,116	9,907	11,255	12,611
			90	3.431	0.204	0.019	2,692	4,005	4,933	6,166	7,123	8,113
			365	3.067	0.193	-0.321	1,194	1,702	2,023	2,409	2,683	2,945

Table 2.--High flow characteristics of selected Oklahoma streams.--Continued

Table 3.--Alphabetical and downstream station number cross-reference list.

Station Name	Station No.
Arkansas River at Arkansas City, Kans.	07146500
Arkansas River near Muskogee, Okla.	07194500
Akransas River at Ralston, Okla.	07152500
Arkansas River near Sallisaw, OK	07246500
Arkansas River at Tulsa, OK	07164500
Arkansas River at Van Buren, Ark.	07250500
Barron Fork at Eldon, Okla.	07197000
Beaver Creek near Waurika, Okla.	07313500
Beaver River at Beaver, Okla.	07234000
Beaver River near Guymon, Okla.	07232500
Big Cabin Creek near Big Cabin, Okla.	07191000
Bird Creek near Avant, Okla.	07176500
Bird Creek near Sperry, Okla.	07177500
Black Bear Creek at Pawnee, Okla.	07153000
Blue River near Blue, Okla.	07332500
Caddo Creek near Ardmore, Okla.	07330500
Canadian River at Calvin, Okla.	07231500
Canadian River near Whitefield, Okla.	07245000
Caney Creek near Copan, Okla.	07174000
Caney River near Elgin, Kans.	07172000
Caney River near Hulah, Okla.	07173000
Caney River near Ramona, Okla.	07175500
Chickasaw Creek near Stringtown, Okla.	07333500
Chikaskia River near Blackwell, Okla.	07152000
Chikaskia River near Corbin, Kans.	07151500
Cimarron River near Buffalo, Okla.	07157950
Cimarron River near Guthrie, Okla.	07160000
Cimarron River near Kenton, Okla.	07154500
Cimarron River at Manford, Okla.	07164000
Cimarron River near Mocane, Okla.	07157000
Cimarron River near Oilton, Okla.	07163500
Cimarron River at Perkins, Okla.	07161000
Cimarron River above Ute Creek, near Boise City, Okla.	07155000
Cimarron River near Waynoka, Okla.	07158000
Clear Boggy Creek near Caney, Okla.	07335000
Cobb Creek near Ft. Cobb, Okla.	07326000
Coldwater Creek near Hardesty, Okla.	07233000
Council Creek near Stillwater, Okla.	07163000
Crooked Creek near Nye, Okla.	07157500
Deep Fork near Beggs, Okla.	07243500
Deep Fork near Dewar, Okla.	07244000
Deep Red Run near Randlett, Okla.	07311500
Dry Creek near Kendrick, Okla.	07243000
East Branch Sandstone Creek near Elk City, Okla.	07322500
East Cache Creek near Walters, Okla.	07311000
Elk Creek near Hobart, Okla.	07204500
Elk River near Tiff City, Mo.	07189000

Table 3.--Alphabetical and downstream station number cross-reference list.--Continued

Station Name	Station No.
Elm Fork of North Fork Red River near Carl, Okla.	07303400
Elm Fork of North Fork Red River near Mangum, Okla.	07303500
Flint Creek near Kansas, Okla.	07196000
Fourche Maline near Red Oak, Okla.	07247500
Gaines Creek near Krebs, Okla.	07232000
Glover Creek near Glover, Okla.	07337900
Groesbeck Creek at State Highway 283 near Quanch, Tex.	07299670
Hominy Creek near Skiatook, Okla.	07177000
Illinois River near Gore, Okla.	07198000
Illinois River near Tahlequah, Okla.	07196500
Illinois River near Watts, Okla.	07195500
James Fork near Hackett, Ark.	07249400
Kiamichi River near Belzoni, Okla.	07336500
Lee Creek near Van Buren, Ark.	07250000
Little Beaver near Duncan, Okla.	07313000
Little Caney River below Cottonwood Creek near Copan, Okla.	07174200
Little River below Lukfata Creek near Idabel, Okla.	07338500
Little River near Sasakwa, Okla.	07231000
Little River near Tecumseh, Okla.	07230500
Little River near Wright City, Okla.	07337500
Little Washita near Ninnekah, Okla.	07327490
Lost Creek at Seneca, Mo.	07188500
McGee Creek near Stringtown, Okla.	07338000
Medicine Lodge River near Kiowa, Kans.	07149000
Mountain Fork River near Eagleton, Okla.	07339000
Mud Creek near Courtney, Okla.	07315700
Muddy Boggy Creek near Farris, Okla.	07334000
Neosho River near Chouteau, Okla.	07191500
Neosho River near Commerce, Okla.	07185000
Neosho River below Fort Gibson, near Fort Gibson, Okla.	07193500
Neosho River near Grove, Okla.	07189500
Neosho River near Langley, Okla.	07190500
North Canadian River at Canton, Okla.	07239000
North Canadian River near El Reno, Okla.	07239500
North Canadian River near Fort Supply, Okla.	07234500
North Canadian River near Oklahoma City, Okla.	07241500
North Canadian River near Seiling, Okla.	07238000
North Canadian River near Wetumka, Okla.	07242000
North Canadian River at Woodward, Okla.	07237500
North Fork Red River near Carter, Okla.	07301500
North Fork Red River near Granite, Okla.	07302000
North Fork Red River near Headrick, Okla.	07305000
North Fork Red River near Shamrock, Tex.	07301300
Pease River near Vernon, Tex.	07308200
Polecat Creek below Heyburn Lake near Heyburn, Okla.	07165500

Table 3.--Alphabetical and downstream station number cross-reference list.--Continued

Station Name	Station No.
Poteau River at Cauthron, Ark.	07247000
Poteau River near Wister, Okla.	07248500
Pryor Creek near Pryor, Okla.	07192000
Red River at Arthur City, Tex.	07335500
Red River near Burkburnett, Tex.	07308500
Red River near Colbert, Okla.	07332000
Red River at Denison Dam, near Denison, Tex.	07331600
Red River near Gainesville, Tex.	07316000
Red River at Index, Ark.	07337000
Red River near Quanah, Tex.	07299570
Red River near Terrel, Okla.	07315500
Rush Creek near Maysville, Okla.	07329500
Rush Creek at Purdy, Okla.	07329000
Sallisaw Creek near Sallisaw, Okla.	07245500
Salt Fork Arkansas near Alva, Okla.	07148400
Salt Fork Arkansas near Cherokee, Okla.	07149500
Salt Fork Arkansas near Jet, Okla.	07150500
Salt Fork Arkansas near Tonkawa, Okla.	07151000
Salt Fork Arkansas near Wichester, Okla.	07148350
Salt Fork Red River at Mangum, Okla.	07300500
Salt Fork Red River near Wellington, Tex.	07300000
Sand Creek at Okesa, Okla.	07174600
Sandstone Creek near Berlin, Okla.	07319500
Skeleton Creek near Lovell, Okla.	07160500
Spavinaw Creek near Sycamore, Okla.	07191220
Spring River near Quapaw, Okla.	07188000
Sweetwater Creek near Kelton, Tex.	07301410
Tenmile Creek near Miller, Okla.	07336000
Turkey Creek near Drummond, Okla.	07159000
Verdigris River near Claremore, Okla.	07176000
Verdigris River near Inola, Okla.	07178600
Verdigris River near Lenapah, Okla.	07171000
Walnut River near Winfield, Kans.	07147800
Washita River at Carnegie, Okla.	07325500
Washita River near Cheyenne, Okla.	07316500
Washita River near Clinton, Okla.	07325000
Washita river near Durwood, Okla.	07331000
Washita River near Foss, Okla.	07324400
Washita River near Pauls Valley, Okla.	07328500
Washita River near Tabler, Okla.	07328000
West Otter Creek at Snyder Lake near Mountain Park, Okla.	07305500
Wichita River at Wichita Falls, Tex.	07312500
Wolf Creek near Fargo, Okla.	07236000
Wolf Creek near Fort Supply, Okla.	07237000
Wolf Creek at Lipscomb, Tex.	07235000

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