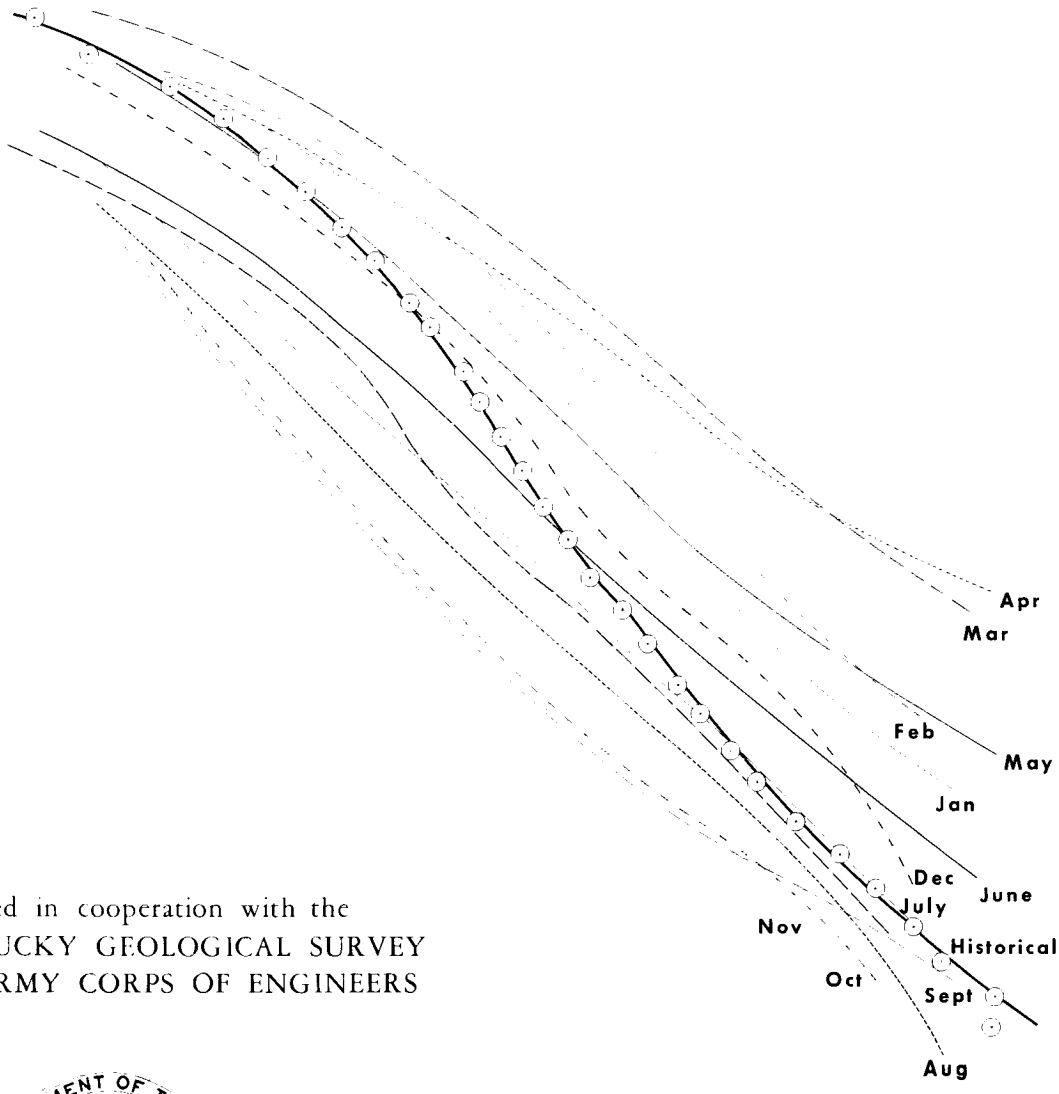
FLOW DURATION AT SELECTED STREAM-SITES IN KENTUCKY

U.S. GEOLOGICAL SURVEY
OPEN-FILE REPORT 80-1221



Prepared in cooperation with the
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By F. Quinones, J. Kiesler, and J. Macy

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THE KENTUCKY GEOLOGICAL SURVEY
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1980

UNITED STATES DEPARTMENT OF THE INTERIOR

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GEOLOGICAL SURVEY

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FACTORS FOR CONVERTING U.S. CUSTOMARY UNITS TO INTERNATIONAL SYSTEM UNITS (SI)

The following factors may be used to convert the U.S. customary units published herein to the International System of Units (SI). Subsequent reports will contain both the U.S. customary and SI unit equivalents in the station manuscript descriptions until such time that all data will be published in SI units.

Multiply U.S. customary units	By	To obtain SI units
	Length	
feet (ft)	3.048×10^{-1}	meters (m)
	Area	
square miles (mi^2)	2.59	square kilometers (km^2)
	Volume	
cubic feet (ft^3)	2.832×10^{1}	cubic decimeters (dm^3)
	2.832×10^{-2}	cubic meters (m^3)
cfs-days	2.447×10^{3}	cubic meters (m^3)
	2.447×10^{-3}	cubic hectometers (hm^3)
	Flow	
cubic feet per second (ft^3/s)	2.832×10^{1}	liters per second (L/s)
	2.832×10^{1}	cubic decimeters per second (dm^3/s)
	2.832×10^{-2}	cubic meters per second (m^3/s)

FLOW DURATION AT SELECTED STREAM SITES IN KENTUCKY

By

Ferdinand Quinones, Jay Kiesler, and Jo Ann Macy

ABSTRACT

This report presents flow-duration tables for selected stream sites in Kentucky. The data includes historical duration tables based on daily mean discharges, and tables based on mean daily discharges for individual months for the period of record. Tables for before and during regulation periods are presented.

INTRODUCTION

The U.S. Geological Survey, Water Resourves Division, has collected streamflow data throughout the State of Kentucky since 1907. Streamflow records through 1970 have been published in a series of water-supply papers entitled "Surface Water Supply of the United States." Since 1961 streamflow data have been released in annual state reports.

The published records include daily mean discharges, and values of annual maximum, minimum and average discharges. The data are stored in the Water Resources Division National Water Storage and Retrieval System (WATSTORE), and are readily available to water-data users. The computer system provides a variety of statistical programs to analyze the data. A flow duration analysis is one of these programs.

Flow durations have been used for many years by scientists, engineers and water-planners involved in the design, application and management of water resources. There is a continuous demand for flow duration data for specific sites throughout Kentucky.

This report summarizes the flow duration data for all streamflow sites in the State with more than 3 years of continuous record. A continuous recording station is one at which systematic observations of stage and discharge are obtained by means of recording and non-recording instruments and periodic measurements of flow. From such a record, daily mean discharges are obtained and published as indicated above.

The data includes all historical records available in WATSTORE through the end of the 1978 water year (water years end on September 30). Data at some sites may contain only medium to high flows. The durations are valid for the specified period and data used. Care should be used when using the data for;

03216000 Ohio River at Ashland, Kentucky
03238000 Ohio River at Maysville, Kentucky
03255000 Ohio River at Cincinnati, Ohio
03220000 Ohio River at Evansville, Indiana
03384500 Ohio River at Golconda, Illinois

Duration tables based on historical monthly records are also provided to show the seasonal variation in the frequency of the flows. Additional information on other statistical programs available may be obtained from the District Chief, U.S. Geological Survey, WRD, Room 572, 600 Federal Place, Louisville, Kentucky 40202 (phone: 502-582-5241).

SIGNIFICANCE AND INTERPRETATION OF FLOW DURATION CURVES

Flow duration curves have been used since the early 1900's (Foster, 1924). The techniques used by the U.S. Geological Survey are described by Searcy (1959). The duration curve is a cumulative frequency curve that indicates the percent of the time that a particular parameter has been equalled or exceeded. Statistically, the flow-duration curve is an integral of the frequency of occurrence of the analyzed parameter. The duration-curve shows no chronological order and applies only to the period of record for which the data was collected.

Flow duration curves can be prepared from daily, weekly, monthly, or other frequencies of discharge measurements or computations. The data points are then arranged according to magnitude in a range of classes, and the percent of the time each class exceeds the total is computed. A curve can be drawn through the points, or the data can be presented in tabular form as in this report.

A duration curve should be used only for the period for which the data was collected, although at sites where long-term streamflow records are available the curve may be used to estimate future discharge probabilities. For stations with 5 or less years of record, significant changes in the distribution of flows as shown from a curve may result from a very wet or very dry year. As the length of record increases, extreme events are documented and included in the curve.

The following are typical applications of flow duration curves:

1. In conjunction with suspended-sediment concentration and load curves, the sediment load at a stream site can be computed (Miller, 1951).
2. Estimation of long-term flow duration at a station with short-term records. An index station with a long-term flow duration is necessary (Searcy, 1959).
3. Computation of statistical variables such as the mean, mode and median (Cross & Hedges, 1959).
4. Study of basin characteristics, including geologic effects, on the basis of the shape of the curve (Searcy, 1959).
5. Water-quality studies, including computation of stream-loads of chemical components and determination of maximum permissible waste allocations.
6. Long-term changes in water-quality parameters, when combined with a concentration-duration curve of the parameter of interest (Quinones, 1973).

FLOW DURATIONS BASED ON HISTORICAL AND INDIVIDUAL MONTHLY RECORDS

Normally the flow duration curve for a particular station is based on all the observations of flow throughout the year for the period of record available. Although instantaneous observations are used occasionally, they limit the range of sampling and do not provide a well defined frequency. The mean daily discharges from a recording streamflow station provide the necessary sampling to define the curve through all the flow regimes. As indicated before, a curve computed in this manner fails to take into account time and seasonal effects. The seasonal nature of streamflow can be defined from a partial duration curve based on daily mean discharges from the historical records of individual months. In the partial duration flows, as an example, all the daily mean discharges for all the January months for which records are available, are used to define a January curve.

Figure 1 shows both the historical (long-term) and individual months duration curves for the Ohio River at Louisville (station 03294500). The seasonal nature of the flow at this site, affected by significant regulation, is evident from the individual curves. This is more evident for periods of low flow. As an example, the 50 percent duration from the historical record is about 49,000 cubic feet per second (ft^3/s). At the peak of the spring flow in April, the same duration is about 180,000 ft^3/s, while during the low-flow season (September) is only about 20,000 ft^3/s).

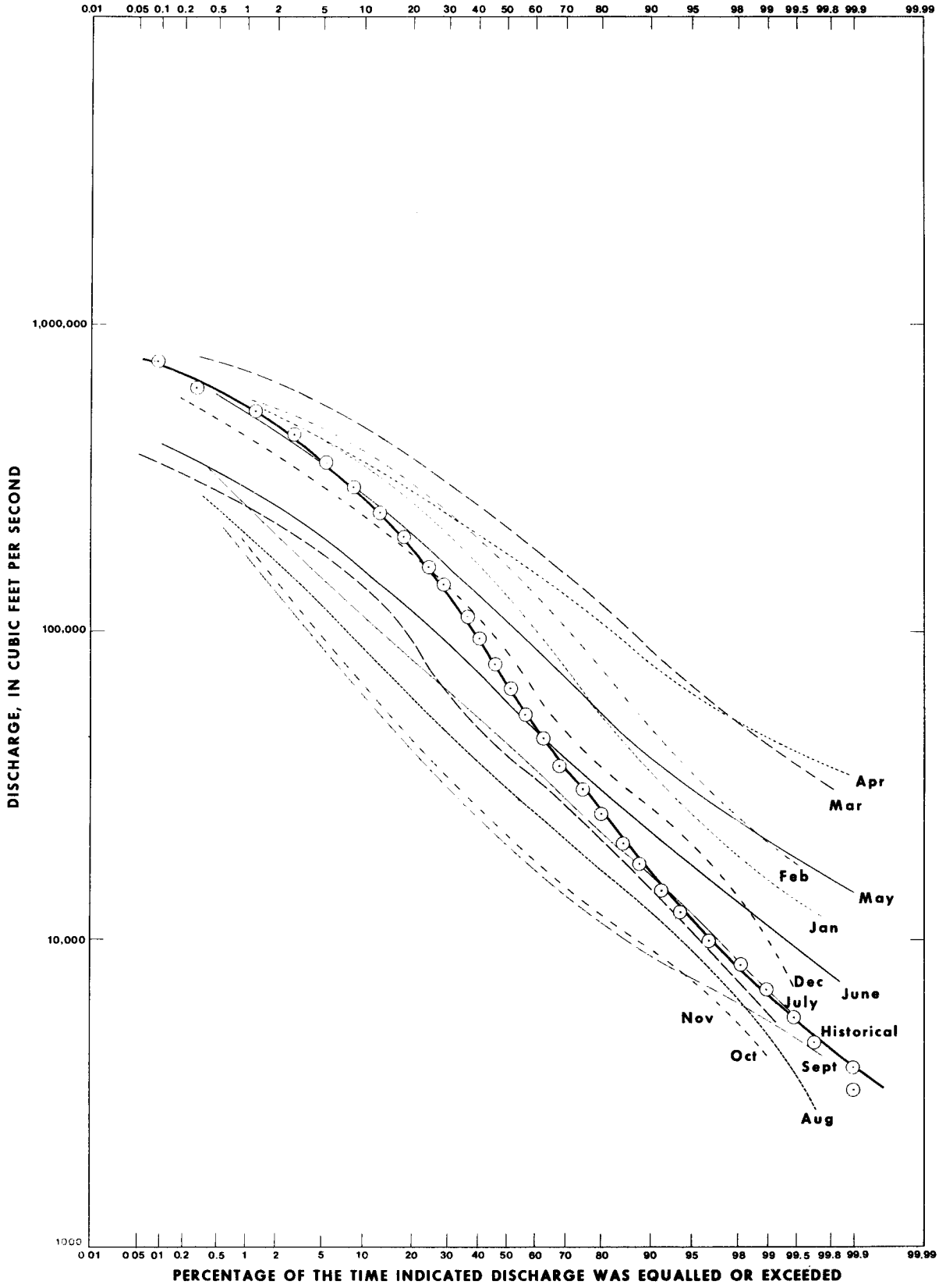

Figure 1.-- Flow duration curves for the Ohio River at Louisville (03294500) based on historical mean daily discharges and individual months, 1928-78.

EFFECTS OF REGULATIONS

Regulation has a significant effect on the flow regime at a specific stream site. Normally, high flows are reduced in magnitude and low flows are augmented. The duration curve reflects this effects in response to the magnitude and type of regulation.

Figure 2 shows flow-duration curves for the Green River near Campbellsville (station number 03306000) before and after regulation. A historical curve, including both periods is also shown. The effects of the regulation are evident from the curves.

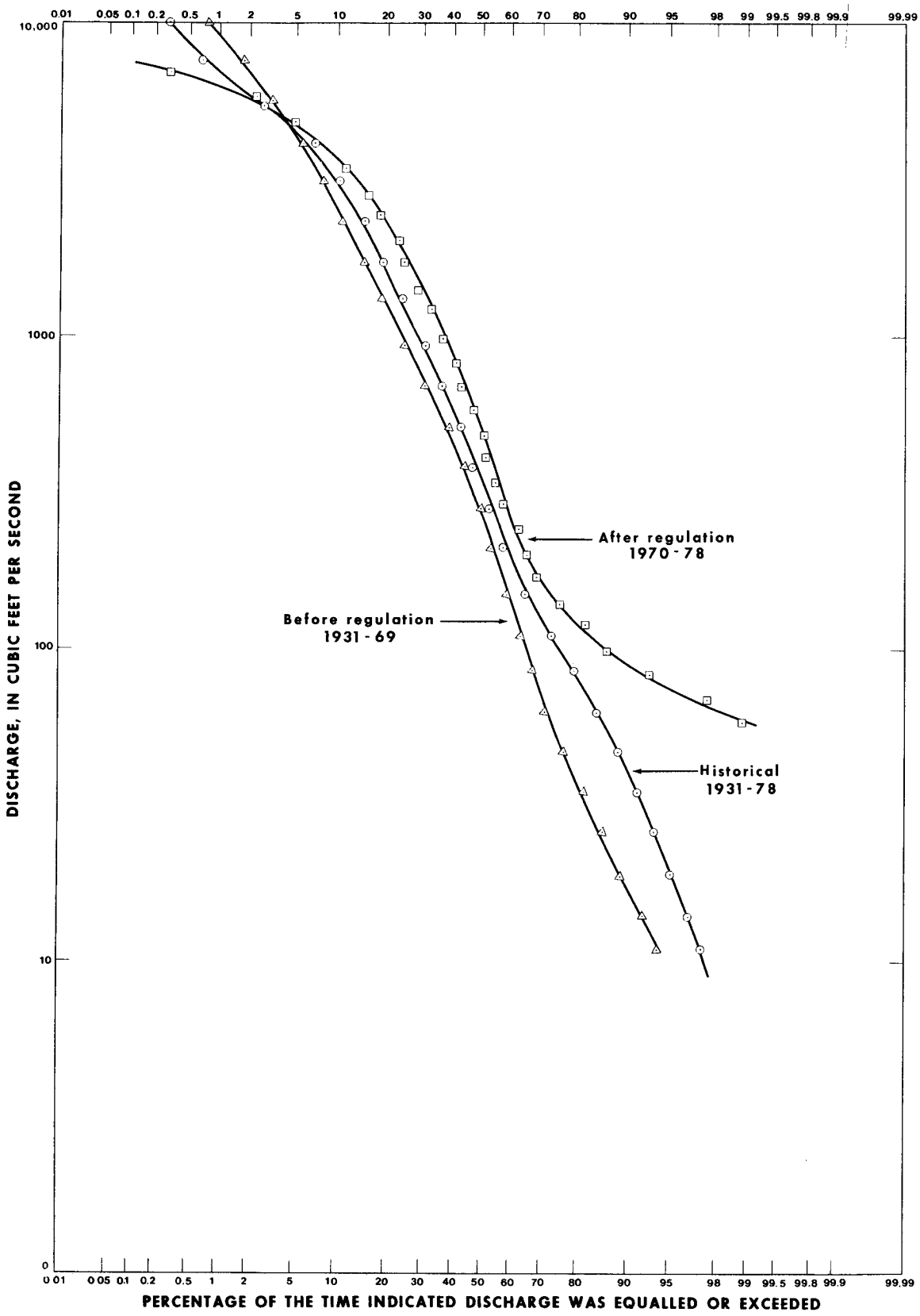

Figure 2.-- Flow duration curves at Green River near Campbellsville (03306000).

FLOW DURATION DATA

Flow duration data for most of the active and discontinued stream-gaging stations operated by the U.S. Geological Survey in Kentucky are shown in the appendix.

The general location of the stations are shown in figure 3 and listed in table 1. Station numbers in figure 3 and on each table are based on a complete 8 digit number such as "03218000", where the numbers "03" represents the part number for most of the stations in the State of Kentucky, and the digits "218000" represent the station number. A small number of stations in western Kentucky are represented by the "07" part number. The tables in the appendix are listed in a downstream order.

The tables were assembled from the output of computer program A969 (Statistics), with options for monthly durations. The classes used for ordering the data prints are computed by the program itself. At all sites where regulation is significant, three tables are shown. These include before and during regulation periods in addition to the historical record.

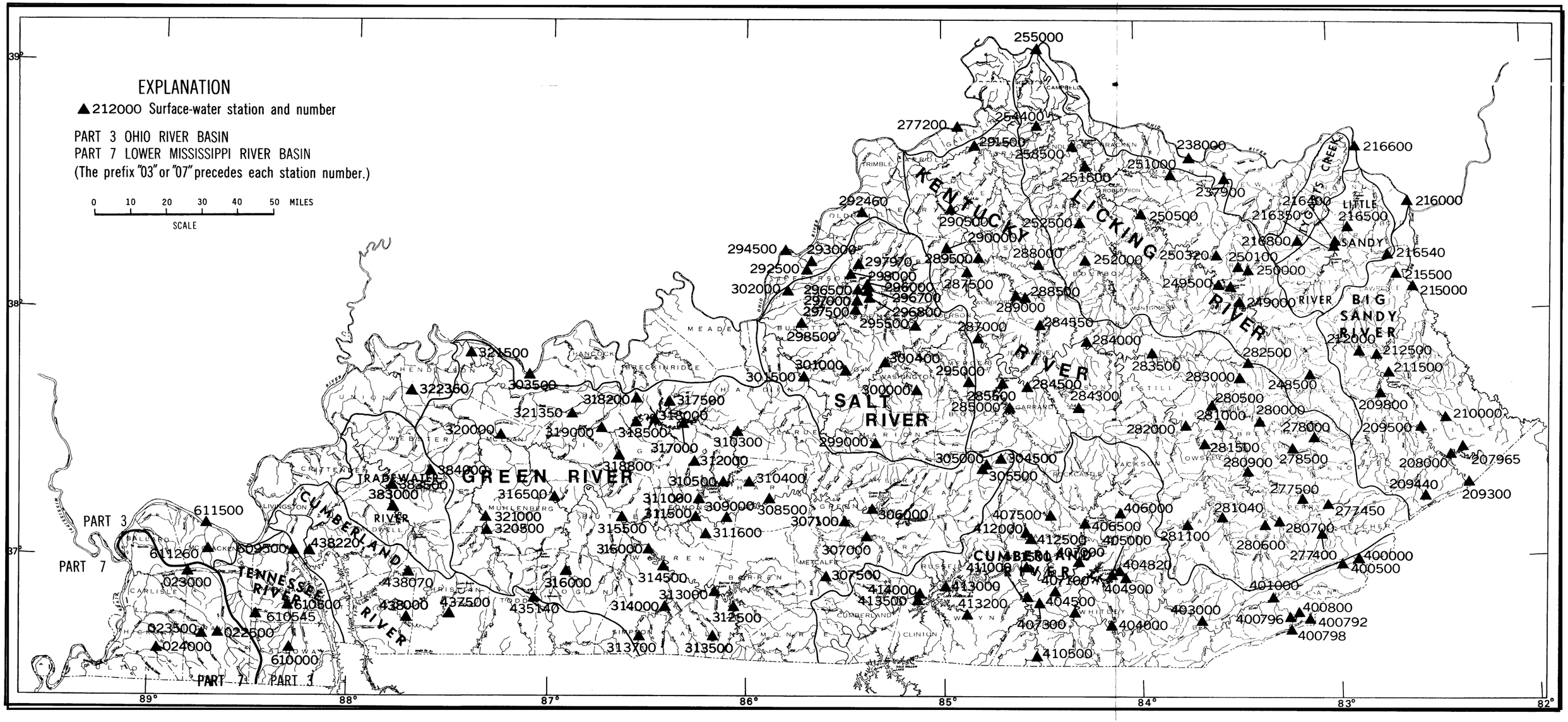

Figure 3.--Location of gaging stations in Kentucky used in this report.

Table 1.-List of stations for which data are published

Station Number	Station Name	Latitude	Longitude	Drainage Area Square Miles	Begin Year	End Year
03207962	Dicks Fork at Phyllis, Ky.	372657	0822016	.82	1975	
03207965	Grapevine Creek near Phyllis, Ky.	372557	0822114	6.20	1973	
03208000	Levisa Fork below Fishtrap Dam, near Millard, Ky.	372458	0822515	393.00	1938	
03209300	Russell Fork at Elkhorn City, Ky.	371814	0822035	554.00	1957	
03209400	Shelby Creek at Dorton, Ky.	371638	0823444	12.60	1971	1974
03209500	Levisa Fork at Pikeville, Ky.	372835	0823105	1237.00	1937	
03209800	Levisa Fork at Prestonsburg, Ky.	374015	0824638	1701.00	1963	
03210000	Johns Creek near Meta, Ky.	373401	0822729	56.30	1941	
03211500	Johns Creek near Van Lear, Ky.	374437	0824327	206.00	1939	
03212000	Paint Creek at Staffordsville, Ky.	375005	0825215	103.00	1950	
03212500	Levisa Fork at Paintsville, Ky.	374855	0824730	2143.00	1928	
03215000	Big Sandy River at Louisa, Ky.	381016	0823805	3892.00	1938	1976
03215500	Blaine Creek at Yatesville, Ky.	380840	0824105	217.00	1915	
03216000	Ohio River at Ashland, Ky.	382852	0823812	60750.00	1938	1975
03216350	Little Sandy River below Grayson Dam, near Leon, Ky.	381518	0825925	196.00	1966	
03216400	Little Sandy River at Leon, Ky.	381711	0825839	255.00	1961	
03216500	Little Sandy River at Grayson, Ky.	381948	0825622	400.00	1938	
03216540	East Fork Little Sandy River near Fallsburg, Ky.	381401	0824232	12.00	1972	
03216600	Ohio River at Greenup Dam, near Greenup, Ky.	383848	0825138	62000.00	1968	
03216800	Tygarts Creek at Olive Hill, Ky.	381757	0831025	59.60	1957	
03217000	Tygarts Creek near Greenup, Ky.	383351	0825708	242.00	1940	
03237900	Cabin Creek near Tollesboro, Ky.	383404	0833214	22.40	1972	
03238000	Ohio River at Maysville, Ky.	383855	0834549	70130.00	1939	1975
03248500	Licking River near Salyersville, Ky.	374503	0830504	140.00	1938	
03249000	Licking River at Yale, Ky.	380255	0832930	714.00	1937	1942
03249500	Licking River at Farmers, Ky.	380655	0833236	827.00	1928	
03250000	Triplett Creek at Morehead, Ky.	381104	0832548	47.50	1941	
03250100	North Fork Triplett Creek near Morehead, Ky.	381157	0832850	84.70	1967	
03250320	Rock Lick Creek near Sharkey, Ky.	381506	0833504	4.01	1973	
03250500	Licking River at Blue Lick Springs, Ky.	382519	0835957	1785.00	1938	1975
03251000	North Fork Licking River near Lewisburg, Ky.	383257	0834737	119.00	1946	
03251500	Licking River at McKinneysburg, Ky.	383558	0841600	2326.00	1924	
03252000	Stoner Creek at Paris, Ky.	381345	0841522	239.00	1953	
03252500	South Fork Licking River at Cynthiana, Ky.	382327	0841811	621.00	1917	
03253500	Licking River at Catawba, Ky.	384237	0841839	3300.00	1887	
03254400	North Fork Grassy Creek near Piner, Ky.	384731	0843050	13.60	1967	
03255000	Ohio River at Cincinnati, Oh.	390540	0843038	76580.00	1936	1976
03277200	Ohio River at Markland Dam, Ky.	384629	0845752	83170.00	1970	
03277400	Leatherwood Creek at Daisy, Ky.	370648	0830533	40.90	1963	
03277450	Carr Fork near Sassafras, Ky.	371352	0830210	60.60	1963	
03277520	North Fork Kentucky River at Hazard, Ky.	371448	0831055	466.00	1925	
03278000	Bear Branch near Noble, Ky.	372702	0831143	2.21	1954	
03278500	Troublesome Creek at Noble, Ky.	372636	0831306	177.00	1949	
03279000	Troublesome Creek near Clayhole, Ky.	372755	0831605	187.00	1928	1931
03280000	North Fork Kentucky River at Jackson, Ky.	373305	0832305	1101.00	1904	
03280500	North Fork Kentucky River near Airdale, Ky.	373700	0833800	1294.00	1928	1942
03280600	Middle Fork Kentucky River near Hyden, Ky.	370813	0832217	202.00	1957	
03280700	Cutshin Creek at Wooton, Ky.	370954	0831829	61.30	1957	
03280900	Middle Fork Kentucky River at Buckhorn, Ky.	372045	0832807	420.00	1939	1975
03281000	Middle Fork Kentucky River at Tallega, Ky.	373318	0833538	537.00	1930	

Note: Stations for which end year is not shown were active as of September 1979.

Table 1.-List of stations for which data are published, continued

Station Number	Station Name	Latitude	Longitude	Drainage Area Square Miles	Begin Year	End Year
03281040	Red Bird River near Big Creek, Ky.	371043	0833535	155.00	1972	
03281100	Goose Creek at Manchester, Ky.	370907	0834537	163.00	1964	
03281500	South Fork Kentucky River at Booneville, Ky.	372845	0834038	722.00	1925	
03282000	Kentucky River at Lock 14, at Heidelberg, Ky.	373319	0834606	2657.00	1902	
03282500	Red River near Hazel Green, Ky.	374844	0832750	65.80	1954	
03283000	Stillwater Creek at Stillwater, Ky.	374524	0832912	24.00	1954	
03283500	Red River at Clay City, Ky.	375152	0835559	362.00	1930	
03284000	Kentucky River at Lock 10, near Winchester, Ky.	375341	0841544	3955.00	1907	
03284300	Silver Creek near Kingston, Ky.	373751	0841648	28.60	1967	
03284500	Kentucky River at Lock 6, near Camp Nelson, Ky.	374443	0843512	4414.00	1910	1971
03284550	West Hickman Creek at Jonestown, Ky.	375830	0842954	11.00	1974	
03285000	Dix River near Danville, Ky.	373831	0843939	318.00	1942	
03285500	Dix River near Burgin, Ky.	374510	0844210	395.00	1909	1922
03287000	Kentucky River at Lock 6, near Salvisa, Ky.	375532	0844917	5102.00	1894	
03287500	Kentucky River at Lock 4, at Frankfort, Ky.	381206	0845254	5412.00	1887	
03288000	North Elkhorn Creek near Georgetown, Ky.	381220	0843049	119.00	1949	
03288500	Cave Creek near Fort Spring, Ky.	380115	0843538	2.53	1953	
03289000	South Elkhorn Creek at Fort Spring, Ky.	380235	0843735	24.00	1950	
03289500	Elkhorn Creek near Frankfort, Ky.	381607	0844853	473.00	1915	
03290000	Flat Creek near Frankfort, Ky.	381753	0845632	5.63	1951	
03290500	Kentucky River at Lock 2, at Lockport, Ky.	382620	0845748	6180.00	1925	
03291500	Eagle Creek at Glencoe, Ky.	384218	0844926	437.00	1912	1977
03292460	Harrods Creek Near LaGrange, Ky.	382650	0852433	24.10	1967	
03292500	South Fork Beargrass Creek at Louisville, Ky.	381239	0854207	17.20	1939	
03293000	Middle Fork Beargrass Creek at Louisville, Ky.	381414	0853953	18.90	1944	
03294500	Ohio River at Louisville, Ky.	381649	0854757	91170.30	1871	
03295000	Salt River near Harrodsburg, Ky.	374526	0845223	41.40	1952	
03295500	Salt River near Van Buren, Ky.	375806	0850803	196.00	1938	
03296000	Plum Creek Subwatershed no. 4 near Simpsonville, Ky.	381027	0852205	1.55	1954	1964
03296500	Plum Creek near Wilsonville, Ky.	380620	0852614	19.10	1954	
03296700	Plum Creek Subwatershed no. 15 near Wilsonville, Ky.	380544	0852441	1.03	1957	1961
03296800	Plum Creek Subwatershed no. 17 near Waterford, Ky.	380407	0852448	.52	1957	1961
03297000	Little Plum Creek near Waterford, Ky.	380344	0852545	5.15	1954	
03297500	Plum Creek at Waterford, Ky.	380305	0852555	31.80	1953	1977
03297970	Long Run near Eastwood, Ky.	381412	0852609	15.20	1972	1977
03298000	Floyds Fork at Fisherville, Ky.	381118	0852737	138.00	1944	
03298500	Salt River at Sheperdsville, Ky.	375906	0854303	1197.00	1938	
03299000	Rolling Fork near Lebanon, Ky.	372950	0851926	239.00	1938	
03300000	Beech Fork near Springfield, Ky.	374215	0850845	85.90	1951	
03300400	Beech Fork at Maud, Ky.	374958	0851746	436.00	1972	
03301000	Beech Fork at Bardstown, Ky.	374749	0852851	669.00	1939	
03301500	Rolling Fork near Boston, Ky.	374602	0854214	1299.00	1938	
03302000	Pond Creek near Louisville, Ky.	380711	0854745	64.00	1944	
03303500	Ohio River at Owensboro, Ky.	374642	0870632	97200.00	1936	1954
03304500	McGills Creek near McKinney, Ky.	372638	0844152	2.14	1950	
03305000	Green River near McKinney, Ky.	372519	0844501	22.40	1950	
03305500	Green River near Mount Salem, Ky.	372440	0844511	36.30	1954	
03306000	Green River near Campbellsville, Ky.	371425	0852050	682.00	1930	
03306500	Green River at Greensburg, Ky.	371513	0853011	736.00	1939	1975
03307000	Russell Creek near Columbia, Ky.	370709	0852338	188.00	1939	
03307100	Russell Creek near Gresham, Ky.	371005	0852811	265.00	1963	

Note: Stations for which end year is not shown were active as of September 1979.

Table 1.-List of stations for which data are published, continued

Station Number	Station Name	Latitude	Longitude	Drainage Area Square Miles	Begin Year	End Year
03307500	South Fork Little Barren River near Edmonton, Ky.	365827	0853611	18.30	1940	
03308500	Green River at Munfordville, Ky.	371605	0855310	1673.00	1915	
03309000	Green River At Mammoth Cave, Ky.	371043	0860646	1983.00	1938	1950
03310000	North Fork Nolin River at Hodgenville, Ky.	373433	0854425	36.40	1940	
03310300	Nolin River at White Mills, Ky.	373303	0860243	357.00	1959	
03310400	Bacon Creek near Priceville, Ky.	372131	0855953	85.40	1959	
03310500	Nolin River at Wax, Ky.	372043	0860721	600.00	1935	1962
03311000	Nolin River at Kyrock, Ky.	371627	0861503	703.00	1929	
03311500	Green River at Lock 6, at Brownsville, Ky.	371225	0861540	2762.00	1924	
03311600	Beaverdam Creek at Rhoda, Ky.	370918	0861335	10.90	1961	
03312000	Bear Creek near Leitchfield, Ky.	372536	0861645	30.80	1949	
03312500	Barren River near Pageville, Ky.	365109	0860437	531.00	1939	1963
03313000	Barren River near Finney, Ky.	365342	0860802	940.00	1941	
03313500	West Bays Fork at Scottsville, Ky.	364453	0861147	7.47	1949	
03313700	West Fork Drakes Creek near Franklin, Ky.	364308	0863244	110.00	1968	
03314000	Drakes Creek near Alvaton, Ky.	365343	0862250	478.00	1939	
03314500	Barren River at Bowling Green, Ky.	370004	0862551	1848.00	1901	
03315000	Barren River at Lock 1, at Greencastle, Ky.	370510	0863010	1966.00	1923	1937
03315500	Green River at Lock 4, at Woodbury, Ky.	371056	0863748	5403.00	1917	
03316000	Mud River near Lewiston, Ky.	370015	0865426	90.50	1938	
03316500	Green River at Paradise, Ky.	371553	0865843	6182.00	1939	
03317000	Rough River near Madrid, Ky.	373531	0861946	225.00	1936	1959
03317500	North Fork Rough River near Westview, Ky.	374132	0862329	42.00	1954	
03318000	Rough River near Falls of Rough, Ky.	373633	0862947	454.00	1936	1956
03318200	Rock Lick Creek near Glen Dean, Ky.	373924	0863343	20.10	1955	1971
03318500	Rough River at Falls of Rough, Ky.	373520	0863305	504.00	1939	
03318800	Caney Creek near Horse Branch, Ky.	372750	0863920	124.00	1956	
03319000	Rough River near Dundee, Ky.	373251	0864318	757.00	1939	
03320000	Green River at Lock 2, at Calhoun, Ky.	373202	0871550	7564.00	1930	
03320500	Pond River near Apex, Ky.	370720	0871910	194.00	1940	
03321000	Pond River near White Plains, Ky.	371337	0872057	346.00	1927	1940
03321350	South Fork Panther Creek near Whitesville, Ky.	373708	0865315	58.20	1968	
03322360	Beaverdam Creek near Corydon, Ky.	374214	0874152	14.30	1972	
03383000	Tradewater River at Olney, Ky.	371326	0874653	255.00	1940	
03383500	Tradewater River near Dalton, Ky.	371628	0874748	283.00	1927	1940
03384000	Rose Creek at Nebo, Ky.	372258	0873759	2.10	1951	
03400000	Poor Fork at Harlan-Letcher County Line, Ky.	370000	0825435	51.70	1940	1943
03400800	Martins Fork near Smith, Ky.	364457	0831452	55.80	1968	
03401000	Cumberland River near Harlan, Ky.	365048	0832121	374.00	1940	
03403000	Cumberland River near Pineville, Ky.	364848	0834558	809.00	1938	
03404000	Cumberland River at Williamsburg, Ky.	364438	0840930	1607.00	1908	
03404500	Cumberland River at Cumberland Falls, Ky.	365014	0842036	1977.00	1907	
03404820	Laurel River at Municipal Dam, near Corbin, Ky.	365813	0870711	140.00	1972	
03404900	Lynn Camp Creek at Corbin, Ky.	365705	0840537	53.80	1957	
03405000	Laurel River at Corbin, Ky.	365809	0840738	201.00	1910	1973
03406000	Wood Creek near London, Ky.	370940	0840643	3.89	1952	
03406500	Rockcastle River at Billows, Ky.	371016	0841746	604.00	1936	
03407000	Rockcastle River at Rockcastle Springs, Ky.	370035	0841855	745.00	1921	1931

Note: Stations for which end year is not shown were active as of September 1979.

Table 1.-List of stations for which data are published, continued

Station Number	Station Name	Latitude	Longitude	Drainage Area Square Miles	Begin Year	End Year
03407100	Cane Branch near Parkers Lake, Ky.	365205	0842657	.67	1956	
03407300	Helton Branch at Greenwood, Ky.	365307	0842855	.85	1955	
03407500	Buck Creek near, Shopville, Ky.	371238	0842752	165.00	1952	
03410500	South Fork Cumberland River near Stearns, Ky.	363737	0843200	954.00	1942	
03411000	South Fork Cumberland River at Nevelsville, Ky.	365025	0843500	1271.00	1915	1950
03411500	Cumberland River at Burnside, Ky.	365921	0843635	4865.00	1825	1950
03412000	Pitman Creek near Somerset, Ky.	370805	0843515	26.30	1949	1953
03412500	Pitman Creek at Somerset, Ky.	370701	0843531	31.30	1952	
03413000	Cumberland River near Jamestown, Ky.	365600	0850000	5331.00	1937	1940
03413200	Beaver Creek near Monticello, Ky.	364751	0845346	43.40	1968	
03414000	Cumberland River near Rowena, Ky.	365302	0850622	5790.00	1825	
03435140	Whippoorwill Creek near Claymour, Ky.	365229	0870520	20.80	1973	
03437500	South Fork Little River at Hopkinsville, Ky.	365022	0872852	46.50	1936	
03438070	Muddy Fork Little River near Cerulean, Ky.	365840	0874236	30.50	1968	
03438220	Cumberland River near Grand Rapids, Ky.	370118	0881316	17598.00	1939	
03609500	Tennessee River near Paducah, Ky.	370111	0881650	40200.00	1875	
03610000	Clarks River at Murray, Ky.	363534	0881800	89.70	1950	
03610500	Clarks River near Benton, Ky.	365224	0882048	227.00	1937	
03610545	West Fork Clarks River near Brewers, Ky.	364648	0882803	68.70	1968	
03611260	Massac Creek near Paducah, Ky.	370229	0884239	14.60	1971	
03611500	Ohio River at Metropolis, Il.	370851	0884427	203000.00	1928	
07022500	Perry Creek near Mayfield, Ky.	364045	0883757	1.72	1951	
07023000	Mayfield Creek at Lovelaceville, Ky.	365709	0884930	212.00	1936	1972
07023500	Obion Creek at Pryorsburg, Ky.	364110	0884335	36.30	1948	
07024000	Bayou de Chien near Clinton, Ky.	363743	0885750	68.70	1939	

Note: Stations for which end year is not shown were active as of September 1979.

Cross, W. P., and Hedges, R. E., 1959, Flow duration of Ohio streams: Bulletin No. 3, Ohio Water Plans Inventory, Ohio Department of Natural Resources, Ohio, 152 p.

Foster, H. A., 1924, Theoretical frequency curves and their application to engineering problems: American Society Civil Engineers Transaction, v. 87, p. 142-203.

Miller, C. R., 1951, Analysis of flow-duration, sediment-rating curve method of computing sediment yield: U.S. Bureau of Reclamation, Hydrology Branch, 55 p.

Quinones, F., 1973, Chemical-quality and flow-duration curves for selected streams in Puerto Rico: U.S. Geological Survey Report PR-7, 6 p. + appendix.

Searcy, J. K., 1959, Flow-duration curves: U.S. Geological Survey Water-Supply Paper 1542-A, 33 p.

APPENDIX

FLOW DURATION TABLES

STATION 03207962 DICKS FORK AT PHYLLIS, KY. 1975-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	97.8	100	100	100	100	100	100	100	100	100	96.0	95.2	87.5
>= .02	94.6	100	100	100	100	100	100	100	100	100	87.9	88.7	70.8
>= .03	93.2	100	100	100	100	100	100	100	100	100	87.1	83.1	63.3
>= .04	92.0	98.9	100	100	100	100	100	100	100	100	87.1	75.8	60.0
>= .05	85.0	79.6	93.3	100	100	100	100	100	100	95.6	76.6	54.8	46.7
>= .07	81.6	75.3	87.8	100	100	100	100	100	100	94.4	62.9	50.0	40.8
>= .09	78.2	71.0	75.6	100	100	100	100	100	100	88.9	55.6	44.4	36.7
>= .10	77.4	71.0	75.6	100	100	100	100	100	100	86.7	50.8	43.5	35.8
>= .20	63.5	64.5	70.0	93.5	95.7	94.1	98.9	97.8	72.0	36.7	28.2	29.0	20.0
>= .30	50.3	47.3	56.7	84.9	93.5	83.5	91.4	76.7	45.2	14.4	14.5	20.2	11.7
>= .40	42.7	36.6	45.6	77.4	90.3	80.0	89.2	52.2	37.6	11.1	8.9	11.3	6.7
>= .50	36.7	31.2	35.6	73.1	80.6	72.9	80.6	38.9	31.2	7.8	6.5	8.9	4.2
>= .60	33.1	25.8	32.2	64.5	77.4	67.1	76.3	33.3	28.0	7.8	3.2	8.1	2.5
>= .80	27.0	21.5	27.8	50.5	57.0	61.2	71.0	24.4	24.7	2.2	1.6	5.6	1.7
>= 1.00	22.9	18.3	24.4	41.9	49.5	47.1	62.4	21.1	21.5	2.2	1.6	4.8	.8
>= 1.30	18.6	10.8	21.1	33.3	41.5	36.5	51.6	17.8	19.4	2.2	1.6	3.2	.8
>= 1.70	13.3	7.5	16.7	18.3	32.3	18.8	37.6	14.4	18.3	1.1	1.6	3.2	.8
>= 2.20	8.5	4.3	13.3	11.8	22.6	7.1	23.7	12.2	10.8	1.1		2.4	
>= 2.80	6.1	3.2	11.1	5.4	16.1	4.7	17.2	8.9	8.6	1.1		1.6	
>= 3.50	4.5	2.2	8.9	3.2	11.8	4.7	11.8	7.8	6.5			.8	
>= 4.50	3.0	1.1	6.7	2.2	8.6	3.5	5.4	5.6	5.4			.8	
>= 5.80	2.0		4.4	2.2	5.4	2.4	3.2	4.4	3.2			.8	
>= 7.40	1.5		3.3	2.2	3.2	2.4		4.4	3.2			.8	
>= 9.00	1.0		1.1	1.0	3.2			4.4	2.1			.8	
>= 12.00	.5		1.1		2.1			4.4					
>= 15.00	.5				2.1			4.4					
>= 20.00	.3				2.1			2.2					
>= 25.00	.2				2.1			1.1					
>= 32.00	.1				1.0			1.1					

STATION 03207965 GRAPEVINE CREEK NEAR PHYLLIS, KY. 1974-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .04	100	100	100	100	100	100	100	100	100	100	100	100	100
>= .05	99.9	98.7	100	100	100	100	100	100	100	100	100	100	100
>= .07	98.8	94.2	100	100	100	100	100	100	100	99.3	96.1	99.4	96.7
>= .09	97.9	91.6	100	100	100	100	100	100	100	96.0	94.2	98.1	95.3
>= .10	97.9	91.6	100	100	100	100	100	100	100	96.0	94.2	98.1	95.3
>= .20	94.3	81.9	98.0	100	100	100	100	100	97.4	90.7	87.1	89.0	88.0
>= .30	91.7	76.1	91.3	100	100	100	100	100	94.8	88.7	84.5	85.2	80.7
>= .40	88.7	71.0	90.0	100	100	100	100	100	91.0	85.3	73.5	80.6	74.0
>= .50	84.4	63.2	86.0	100	100	100	100	100	85.2	80.0	63.2	69.0	68.0
>= .70	79.8	59.4	84.0	98.7	100	100	100	100	80.0	73.3	50.3	57.4	56.0
>= .90	76.3	55.5	81.3	96.8	100	98.6	100	100	76.8	66.7	40.0	52.9	48.7
>= 1.10	73.3	51.6	79.3	96.1	98.7	97.2	100	100	74.8	60.0	34.6	49.0	40.0
>= 1.50	67.6	46.5	73.3	96.1	96.8	95.0	100	94.7	70.3	47.3	25.2	39.4	28.0
>= 2.00	59.4	38.1	61.3	85.8	94.8	90.1	100	79.3	65.8	38.7	15.5	29.7	15.3
>= 2.60	53.9	32.3	53.3	80.6	92.3	87.9	96.1	71.3	63.2	28.0	12.3	21.3	10.0
>= 3.50	46.5	24.5	43.3	73.5	89.7	83.7	84.5	56.7	55.5	18.7	7.7	14.2	7.3
>= 4.60	39.2	18.7	28.0	59.4	78.1	75.9	77.4	50.0	45.8	15.3	5.8	11.0	6.0
>= 6.00	32.3	14.2	24.7	45.2	65.8	61.0	69.7	43.3	38.1	11.3	3.9	8.4	2.7
>= 8.00	27.4	11.6	22.0	38.1	59.4	48.9	60.6	36.0	31.0	10.0	3.9	6.5	1.3
>= 11.00	21.0	5.8	18.7	26.5	48.4	32.6	54.8	30.0	21.3	8.0	2.6	3.9	
>= 14.00	16.9	4.5	16.7	20.6	41.3	19.1	46.5	24.7	17.4	6.7	1.9	3.2	
>= 18.00	12.9	2.6	13.3	15.5	31.6	10.6	41.3	18.7	12.3	4.7	.6	2.6	
>= 24.00	10.0	1.9	12.0	10.3	24.5	9.2	31.6	14.0	9.0	4.7		2.6	
>= 32.00	6.6	1.9	8.0	5.1	17.4	6.3	20.6	8.6	7.0	4.0		.6	
>= 43.00	4.8	.6	5.3	4.5	10.3	5.6	16.1	6.6	5.8	2.0		.6	
>= 56.00	3.2		5.3	2.5	5.8	2.8	9.6	6.0	3.8	2.0		.6	
>= 74.00	2.0		3.3	1.9	4.5	1.4	5.8	4.0	1.9	1.3		.6	
>= 98.00	1.5		2.6	1.2	3.8		4.5	3.3	.6	1.3		.6	
>= 130.00	1.0		2.0		2.5		3.8	2.0	.6	1.3			
>= 170.00	.9		2.0		2.5		3.2	1.3	.6	1.3			
>= 230.00	.3		.6		1.2		.6	.6	.6	.6			
>= 300.00	.2		.6		.6			.6	.6				
>= 400.00								.6					

STATION 03208000 LEVISA FORK BELOW FISHTRAP DAM, NEAR MILLARD, KY. 1938-1968 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= .2	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= .3	99.9	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5
>= .4	99.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.1
>= .6	99.7	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.8
>= .9	99.5	97.1	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.8
>= 1.3	99.1	94.6	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.1
>= 1.9	98.6	92.0	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	94.0
>= 2.8	98.0	90.8	95.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	89.5
>= 4.0	97.4	90.0	93.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.0	86.6
>= 5.8	96.5	88.3	93.0	98.5	100.0	100.0	100.0	100.0	100.0	100.0	99.5	97.3	81.6
>= 8.4	95.2	82.9	91.4	97.1	99.2	99.6	100.0	100.0	100.0	100.0	99.2	94.5	78.8
>= 12.0	93.1	73.2	88.6	94.9	98.1	99.4	100.0	100.0	100.0	99.7	98.2	90.4	74.3
>= 18.0	89.2	61.2	83.7	92.6	96.9	99.3	100.0	100.0	99.7	97.8	93.2	83.4	63.7
>= 25.0	84.8	51.0	75.0	88.4	94.5	99.2	100.0	100.0	98.9	94.2	87.6	75.0	54.0
>= 37.0	78.1	39.0	64.9	81.7	91.7	98.9	100.0	99.5	97.4	85.3	76.4	64.1	40.0
>= 53.0	70.9	28.7	51.4	75.9	88.2	98.0	100.0	98.8	95.4	74.5	62.1	51.9	28.1
>= 77.0	63.2	17.8	41.9	68.0	84.5	95.3	99.5	98.3	89.4	61.2	48.9	38.8	17.5
>= 110.0	56.1	12.5	33.3	61.5	79.2	91.5	98.3	97.3	77.9	46.8	36.5	29.8	12.0
>= 160.0	49.0	8.2	26.3	53.1	75.1	83.8	95.8	93.0	61.9	35.5	28.3	22.9	8.1
>= 230.0	42.0	6.2	19.4	44.7	67.1	75.6	91.3	85.1	48.8	25.4	20.7	17.3	5.6
>= 340.0	33.4	3.8	13.8	36.1	51.9	63.8	84.0	66.5	35.7	16.3	15.9	12.4	3.8
>= 490.0	25.0	2.2	8.3	27.1	37.1	51.3	69.6	48.7	24.6	10.4	11.0	9.6	2.6
>= 710.0	16.8	.9	5.4	18.1	24.5	35.2	51.1	32.5	14.7	5.9	7.3	5.9	1.8
>= 1000.0	11.2	.4	3.4	12.2	16.1	24.6	34.8	21.1	10.0	3.5	3.9	4.0	1.2
>= 1500.0	6.3	.1	1.4	6.9	9.6	14.0	20.8	11.0	5.8	2.2	1.5	2.2	.7
>= 2200.0	3.3		.5	3.6	5.3	8.0	11.3	4.9	3.7	1.2	.7	1.1	.2
>= 3100.0	1.9		.1	2.1	3.3	5.1	6.6	2.4	1.8	.6	.2	.8	.1
>= 4500.0	1.0		.1	1.1	1.6	2.8	3.5	1.2	1.1	.4	.2	.3	.1
>= 6600.0	.4			.2	.6	1.6	1.5	.3	.5	.1		.1	
>= 9500.0	.2			.1	.4	.7	.7	.2	.3				
>= 14000.0					.3		.2						
>= 20000.0							.2						

STATION 03208000 LEVISA FORK BELOW FISHTRAP DAM, NEAR MILLARD, KY. 1969-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0
>= .2	99.7	98.1	98.3	100.0	100.0	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0
>= .3	99.6	97.4	98.3	100.0	100.0	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0
>= .4	99.4	97.1	96.3	100.0	100.0	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0
>= .6	99.2	95.5	95.7	100.0	100.0	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0
>= .8	99.2	95.5	95.0	100.0	100.0	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0
>= 1.1	99.1	95.5	94.3	100.0	100.0	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0
>= 1.5	99.1	95.5	93.7	100.0	100.0	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0
>= 2.1	99.1	65.5	93.7	100.0	100.0	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0
>= 2.9	98.9	95.5	92.0	100.0	100.0	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0
>= 4.1	98.9	95.5	91.7	100.0	100.0	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0
>= 5.6	98.9	95.2	91.7	100.0	100.0	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0
>= 7.9	98.7	94.8	91.3	98.1	100.0	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0
>= 11.0	98.3	94.2	91.3	97.7	100.0	99.6	100.0	99.7	100.0	100.0	100.0	99.7	97.7
>= 15.0	96.5	86.1	91.3	97.1	100.0	99.6	100.0	99.7	100.0	100.0	100.0	93.5	91.3
>= 21.0	94.4	81.3	87.7	90.0	100.0	99.6	100.0	99.7	100.0	98.7	95.2	90.0	90.7
>= 29.0	93.0	80.6	87.7	88.4	100.0	99.6	96.8	99.3	99.7	93.3	91.6	90.0	90.0
>= 41.0	92.4	79.4	87.3	87.7	100.0	99.6	92.9	99.3	99.7	93.3	90.6	90.0	89.7
>= 57.0	88.4	74.8	86.7	85.2	97.7	99.3	91.0	89.7	97.4	92.0	82.6	81.9	84.0
>= 79.0	81.4	71.0	79.7	83.9	96.1	98.6	91.0	86.7	93.5	81.0	63.9	61.6	71.0
>= 110.0	69.5	65.8	74.3	81.6	93.5	95.4	90.0	69.3	82.6	62.0	38.4	34.2	48.0
>= 150.0	64.9	62.3	67.7	77.1	89.0	95.0	88.7	65.3	76.5	55.7	29.7	28.4	45.7
>= 210.0	57.6	54.2	60.3	67.1	83.2	93.6	85.2	59.3	71.3	39.7	21.3	22.9	34.7
>= 300.0	47.8	45.1	45.3	49.3	72.5	90.4	74.5	53.6	62.5	27.6	14.8	14.5	26.6
>= 410.0	36.8	33.5	32.6	39.0	55.8	77.6	60.9	45.3	49.6	19.0	5.4	10.9	14.0
>= 570.0	25.8	18.0	21.6	27.4	45.4	56.3	42.2	33.3	40.6	9.3	2.9	7.7	7.0
>= 800.0	16.4	10.3	13.0	20.0	31.9	35.1	29.0	20.6	25.1	6.3	.9	4.5	1.6
>= 1100.0	11.3	5.8	7.6	13.8	22.5	22.3	21.9	15.6	16.7	5.3	.6	2.5	1.0
>= 1500.0	7.9	4.1	4.3	11.2	15.1	14.5	15.8	12.0	12.9	3.3	.3	1.6	.6
>= 2200.0	4.9	1.6	3.0	5.1	10.3	7.8	11.6	8.6	8.0	2.0	.3	.6	
>= 3000.0	2.8	.6	1.0	3.8	4.5	3.9	8.0	6.3	4.8	.6			
>= 4200.0	1.2		.3	1.2	2.9	1.7	4.1	4.3					
>= 5800.0	.4		.3		.5	.7	.9	2.0					
>= 8100.0								.3					

STATION 03208000 LEVISA FORK BELOW FISHTRAP DAM, NEAR MILLARD, KY. 1938-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
>= .20	99.9	99.5	99.4	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
>= .30	99.8	98.9	99.3	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	99.6
>= .40	99.7	98.8	98.8	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	99.3
>= .60	99.6	97.5	98.6	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	99.1
>= .90	99.4	96.7	97.8	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	98.4
>= 1.30	99.1	94.8	96.9	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	97.8
>= 1.90	98.7	92.9	96.4	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	95.4
>= 2.80	98.2	91.9	94.8	99.8	100.0	100.0	100.0	99.9	100.0	100.0	100.0	99.8	92.0
>= 4.00	97.7	91.4	93.0	99.5	100.0	100.0	100.0	99.9	100.0	100.0	100.0	99.2	89.8
>= 5.80	97.1	90.0	92.7	98.9	100.0	100.0	100.0	99.9	100.0	100.0	99.6	98.0	86.1
>= 8.40	96.1	85.9	91.4	97.3	99.4	99.7	100.0	99.9	100.0	100.0	99.4	95.8	84.0
>= 12.00	94.3	78.1	89.3	95.6	98.5	99.5	100.0	99.9	100.0	99.8	98.7	92.5	79.7
>= 18.00	90.7	66.2	85.6	92.2	97.7	99.4	100.0	99.9	99.8	98.4	94.5	85.0	70.2
>= 25.00	86.9	58.5	78.2	88.4	95.9	99.3	100.0	99.8	99.1	94.2	89.0	78.7	62.9
>= 37.00	81.7	49.4	70.6	83.3	93.8	99.1	98.2	99.4	98.0	87.2	79.9	70.4	52.2
>= 53.00	75.6	40.3	60.4	78.2	90.8	98.3	97.8	97.1	95.9	78.8	68.9	59.9	42.8
>= 77.00	67.9	31.1	51.5	71.9	87.5	96.1	97.3	95.9	90.6	66.7	53.2	44.5	30.8
>= 110.00	59.4	25.8	43.6	66.5	82.8	92.5	96.2	90.5	79.1	50.5	37.0	30.8	20.8
>= 160.00	52.5	21.6	36.1	58.2	78.1	86.6	94.0	85.8	65.3	39.3	28.2	23.7	17.1
>= 230.00	45.3	18.0	29.4	49.1	70.2	79.7	89.4	78.6	53.7	28.4	20.5	17.8	11.9
>= 340.00	35.8	13.0	20.9	38.7	55.8	69.5	80.6	62.2	40.4	17.6	14.8	12.5	7.4
>= 490.00	26.5	8.2	13.0	28.1	40.3	55.9	64.8	46.3	29.8	10.7	9.2	9.5	4.6
>= 710.00	17.4	4.4	7.6	18.9	27.1	37.3	46.7	30.5	18.5	6.1	5.9	5.9	1.9
>= 1000.00	11.6	2.0	4.7	12.9	18.3	25.3	32.5	20.2	12.2	4.0	3.1	3.9	1.2
>= 1500.00	6.7	1.1	2.1	8.0	11.1	14.1	19.5	11.3	7.5	2.5	1.2	2.1	.7
>= 2200.00	3.7	.4	1.1	4.0	6.6	7.9	11.4	5.8	4.7	1.4	.6	1.0	.1
>= 3100.00	2.1	.1	.3	2.4	3.5	4.8	6.9	3.4	2.5	.5	.1	.6	
>= 4500.00	1.0		.1	1.1	1.8	2.4	3.4	1.7	.8	.3	.1	.2	
>= 6600.00	.3			.1	.6	1.2	1.2	.6	.3				
>= 9500.00	.1				.3	.5	.5	.1	.2				
>= 14000.00					.2		.1						
>= 20000.00							.1						

STATION 03209300 RUSSELL FORK AT ELKHORN CITY, KY. 1961-1964 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 6.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 8.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0
>= 10.0	98.9	93.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.3
>= 13.0	97.4	82.3	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	87.5
>= 17.0	96.6	79.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	80.8
>= 21.0	95.6	77.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.4	71.7
>= 27.0	93.4	73.4	92.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	91.1	63.3
>= 34.0	90.7	61.3	88.3	100.0	100.0	100.0	100.0	100.0	100.0	98.3	98.4	88.7	53.3
>= 43.0	88.0	52.4	86.7	100.0	100.0	100.0	100.0	100.0	100.0	97.5	93.5	83.9	42.5
>= 54.0	84.4	40.3	82.5	100.0	100.0	100.0	100.0	100.0	100.0	96.7	85.5	77.4	30.8
>= 69.0	77.5	21.8	60.8	100.0	100.0	100.0	100.0	100.0	100.0	93.3	68.5	66.1	20.0
>= 87.0	72.8	12.9	49.2	96.8	99.2	100.0	100.0	100.0	100.0	88.3	56.5	56.5	15.0
>= 110.0	67.4	7.3	40.8	84.7	98.4	100.0	100.0	100.0	94.4	79.2	50.8	42.7	11.7
>= 140.0	61.7	5.6	31.7	72.6	97.6	100.0	100.0	97.5	83.1	70.8	41.9	33.1	9.2
>= 180.0	55.5	3.2	27.5	62.1	93.5	100.0	100.0	93.3	66.1	58.3	33.9	24.2	6.7
>= 220.0	51.0	1.6	25.8	58.9	92.7	100.0	100.0	86.7	52.4	44.2	29.0	16.9	6.7
>= 280.0	46.3	1.6	22.5	50.0	89.5	99.1	100.0	83.3	37.9	32.5	23.4	13.7	5.0
>= 360.0	41.0	1.6	19.2	40.3	83.1	93.8	100.0	74.2	28.2	25.0	16.1	9.7	4.2
>= 450.0	37.0	1.6	16.7	35.5	68.5	88.5	100.0	69.2	21.8	20.8	12.1	8.9	3.3
>= 570.0	32.3	1.6	13.3	28.2	57.3	83.2	96.8	59.2	19.4	15.0	8.1	5.6	3.3
>= 720.0	28.1	.8	9.2	24.2	52.4	73.5	88.7	51.7	16.9	12.5	5.6	3.2	1.7
>= 920.0	22.0		7.5	18.5	37.5	46.0	78.2	45.8	14.5	9.2	3.2	3.2	1.7
>= 1200.0	16.9		6.7	15.3	30.6	33.6	59.7	34.2	10.5	6.7	2.4	2.4	1.7
>= 1500.0	12.5		4.1	11.2	21.7	24.7	49.1	22.5	8.0	4.1	1.6	2.4	.8
>= 1900.0	9.1		3.3	7.2	17.7	19.4	34.6	16.6	5.6	2.5	.8	1.6	.8
>= 2400.0	6.4		3.3	4.0	11.2	17.6	25.0	10.0	3.2	.8	.8	.8	.8
>= 3000.0	3.9		.8	2.4	6.4	9.7	17.7	5.0	2.4	.8	.8	.8	.8
>= 3800.0	2.7		.8	.8	5.6	7.9	12.0	2.5	1.6		.8		.8
>= 4800.0	1.6		.8	.8	2.4	4.4	8.8	.8	.8		.8		
>= 6000.0	.7			.8	.8	2.6	4.0				.8		
>= 7600.0	.6			.8		1.7	4.0				.8		
>= 9700.0	.4					.8	3.2				.8		
>= 12000.0	.2					.8	2.4						
>= 16000.0							.8						

STATION 03209300 RUSSELL FORK AT ELKHORN CITY, KY. 1966-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 8.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 11.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.7
>= 14.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5
>= 17.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.2
>= 22.0	99.6	100.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.3	96.4
>= 27.0	98.7	100.0	96.9	98.3	98.8	100.0	100.0	100.0	100.0	98.7	99.0	98.8	94.4
>= 34.0	97.7	100.0	94.4	94.5	96.8	100.0	100.0	100.0	100.0	97.2	97.0	98.5	94.4
>= 43.0	97.2	100.0	94.1	92.8	96.0	100.0	100.0	100.0	100.0	95.4	95.8	98.3	93.6
>= 54.0	96.5	99.3	93.8	92.6	95.0	98.9	100.0	100.0	100.0	93.6	94.3	98.0	92.8
>= 69.0	95.7	96.0	93.8	92.1	94.0	98.4	100.0	100.0	100.0	92.8	92.1	97.0	91.8
>= 87.0	93.6	93.1	93.6	89.3	93.8	98.1	100.0	100.0	99.5	92.1	87.1	92.3	85.1
>= 110.0	89.2	88.6	93.1	87.3	92.8	97.8	100.0	100.0	98.5	85.4	75.2	85.6	66.9
>= 140.0	79.9	66.5	91.3	82.9	91.3	97.5	100.0	100.0	93.3	69.7	56.8	64.5	45.9
>= 170.0	73.0	60.5	89.7	78.2	90.3	94.8	98.8	96.2	88.6	60.8	46.7	45.4	27.9
>= 220.0	64.8	50.1	83.6	73.4	86.4	91.3	96.8	91.5	78.9	43.8	32.0	34.0	17.7
>= 280.0	57.8	40.2	67.4	67.2	82.9	88.3	95.5	83.6	71.7	35.6	22.6	26.3	14.1
>= 350.0	50.8	34.2	54.1	61.5	76.4	84.7	90.8	72.6	61.3	27.9	16.9	19.9	11.0
>= 440.0	43.3	25.8	41.3	52.6	66.3	79.6	82.9	59.2	54.3	22.3	13.6	15.4	7.7
>= 550.0	35.4	19.1	28.2	42.4	58.1	71.1	67.0	48.2	47.9	15.9	11.4	11.4	6.2
>= 700.0	28.0	14.6	22.3	35.5	46.7	57.5	52.1	36.7	40.2	11.5	6.9	8.4	4.9
>= 880.0	22.2	12.7	17.9	29.3	38.7	41.4	40.9	30.5	32.0	9.7	4.7	6.5	3.1
>= 1100.0	17.7	10.9	13.1	21.3	33.5	32.2	33.7	24.6	26.6	7.9	2.0	4.2	2.6
>= 1400.0	13.3	6.2	9.0	15.9	27.0	22.3	27.0	19.0	20.1	6.7	1.5	3.0	1.8
>= 1800.0	10.2	3.9	6.1	12.6	21.3	15.8	23.8	16.1	14.3	5.1	.7	1.7	1.2
>= 2200.0	8.0	2.4	5.1	9.9	16.3	12.2	19.6	13.8	11.1	3.3	.7	.9	1.0
>= 2800.0	5.8	1.4	2.8	7.1	11.9	7.6	16.3	10.2	8.6	2.5	.2	.2	.5
>= 3500.0	4.2	.9	2.3	5.9	7.9	5.9	12.4	7.1	6.2	1.7			.2
>= 4500.0	2.4	.2	2.3	2.9	4.7	2.9	7.6	5.3	2.2	.2			
>= 5600.0	.9		.7	1.2	1.9	1.0	2.7	3.5	.2	.2			
>= 7100.0	.4		.2	.7	.7	.2	1.7	1.2	.2				
>= 9000.0	.2				.7		1.2	.7	.2				
>= 11000.0	.1				.4		.9	.5					
>= 14000.0	.1				.4		.2	.5					
>= 18000.0								.5					

STATION 03209300 RUSSELL FORK AT ELKHORN CITY, KY. 1961-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 6.5	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
>= 8.4	99.9	99.8	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	98.9
>= 11.0	99.6	97.1	100	100	100	100	100	100	100	100	100	100	98.1
>= 14.0	99.3	96.1	99.8	100.	100.	100.	100.	100.	100.	100.	100.	100.	96.3
>= 18.0	99.0	95.3	99.8	100.	100.	100.	100.	100.	100.	100.	100.	99.5	93.1
>= 23.0	98.1	94.8	98.5	100.	100.	100.	100.	100.	100.	99.8	99.8	96.2	87.4
>= 25.0	96.7	93.4	95.4	97.8	98.7	100.	100.	100.	100.	98.7	98.9	94.1	83.3
>= 38.0	95.2	90.7	93.0	95.7	97.3	100.	100.	100.	100.	96.9	96.4	92.5	80.2
>= 49.0	93.9	88.4	92.6	94.6	97.1	99.6	100.	100.	100.	94.3	92.8	90.5	77.0
>= 62.0	92.0	82.8	88.7	94.6	96.2	98.8	100.	100.	100.	93.1	87.8	88.2	73.3
>= 80.0	89.4	76.7	85.2	93.0	95.3	98.6	100.	100.	99.8	90.7	81.2	82.8	70.0
>= 100.0	86.1	74.6	82.6	88.7	94.8	98.4	100.	100.	99.1	85.9	72.2	75.8	61.5
>= 130.0	78.1	58.1	79.1	84.4	93.7	98.4	100.	99.8	93.4	73.0	57.2	59.3	42.2
>= 170.0	69.1	48.2	75.4	77.1	91.9	96.3	99.1	96.1	85.7	58.1	42.1	38.5	21.9
>= 220.0	61.4	39.4	68.9	71.7	88.5	93.7	97.7	90.9	74.0	41.5	30.1	28.5	14.3
>= 280.0	55.2	31.7	55.9	65.2	85.3	91.3	96.8	84.4	65.1	33.0	22.0	22.2	11.3
>= 360.0	48.1	26.0	44.1	58.1	79.2	87.4	92.8	73.9	53.8	24.8	15.4	15.9	8.5
>= 470.0	40.0	18.1	32.0	49.5	66.7	79.5	83.5	59.8	45.2	18.9	12.0	11.6	5.6
>= 600.0	32.8	14.2	23.0	38.7	56.3	67.7	71.9	49.6	38.9	13.3	8.6	8.8	4.6
>= 770.0	25.9	10.9	17.6	31.5	46.2	52.6	57.2	40.0	31.0	10.7	5.4	5.7	3.1
>= 990.0	20.1	9.1	13.5	24.0	35.8	37.2	46.8	31.7	24.9	8.9	3.4	4.3	2.6
>= 1300.0	14.7	6.3	8.9	17.2	28.3	26.0	34.6	23.9	18.1	6.7	1.8	2.9	1.9
>= 1600.0	11.4	4.3	6.7	13.8	22.4	18.9	29.4	18.5	13.8	5.2	1.3	2.0	1.3
>= 2100.0	8.1	1.9	4.6	9.1	16.4	13.5	23.1	14.0	9.3	2.5	.7	.8	.9
>= 2700.0	5.6	1.2	3.5	6.2	11.2	8.4	17.5	9.2	6.9	2.2	.3	.5	.5
>= 3500.0	3.9	.8	1.8	4.8	7.5	6.6	12.5	6.1	4.8	1.2	.1	.1	.3
>= 4500.0	2.2	.1	1.8	2.3	4.3	3.1	8.4	4.0	1.7	.1	.1		.1
>= 5800.0	.8		.5	1.0	1.7	1.3	3.2	2.0	.1		.1		
>= 7400.0	.4		.1	.5	.7	.3	2.3	.7	.1		.1		
>= 9500.0	.2				.3	.1	1.4	.3			.1		
>= 12000.0	.1				.3	.1	1.0	.3					
>= 16000.0							.1	.3					
>= 20000.0							.1	.1					
>= 26000.0							.1	.1					

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.7
>= .02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.0
>= .03	100.0	100.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	94.7
>= .05	99.9	98.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	89.3
>= .07	99.2	94.2	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.4	98.7	85.3
>= .09	99.0	92.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.1	97.4	84.0
>= .10	99.0	92.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.1	97.4	84.0
>= .20	97.3	87.1	98.0	100.0	100.0	100.0	100.0	100.0	100.0	97.3	93.5	92.3	73.3
>= .30	95.6	82.6	98.0	100.0	100.0	100.0	100.0	100.0	100.0	96.0	89.7	85.2	65.3
>= .40	93.4	80.6	98.0	100.0	100.0	100.0	100.0	100.0	100.0	94.0	87.1	77.4	50.7
>= .50	91.5	77.4	98.0	100.0	100.0	100.0	100.0	100.0	98.7	93.3	85.2	74.2	41.3
>= .70	88.4	76.1	98.0	100.0	100.0	100.0	100.0	94.0	93.5	86.7	80.6	67.7	36.7
>= 1.00	84.9	70.3	98.0	100.0	100.0	100.0	100.0	92.7	89.0	77.3	74.8	58.1	33.3
>= 1.40	79.9	57.4	94.7	98.1	100.0	100.0	100.0	92.0	85.8	71.3	67.1	47.1	27.3
>= 1.90	74.3	43.9	86.7	93.5	100.0	100.0	100.0	92.0	83.9	65.3	60.0	38.1	22.0
>= 2.60	69.3	34.2	78.7	92.9	100.0	100.0	100.0	91.3	82.6	57.3	49.0	28.4	16.0
>= 3.60	64.5	29.0	67.3	91.6	98.1	100.0	97.4	90.7	77.4	49.3	45.2	22.6	10.7
>= 5.10	57.2	22.6	42.0	86.5	94.2	99.3	93.5	86.7	71.0	40.0	32.3	16.8	8.0
>= 7.00	49.1	18.1	31.3	69.7	87.7	94.4	85.8	82.0	63.2	29.3	24.5	11.6	5.3
>= 9.70	39.6	15.5	23.3	56.1	77.4	78.2	76.1	66.7	50.3	16.7	21.3	9.0	3.3
>= 14.00	31.1	11.6	18.7	41.9	58.7	65.5	67.7	53.3	37.4	12.7	16.1	6.5	3.3
>= 19.00	25.3	9.0	15.3	33.5	54.2	57.7	56.8	43.3	24.5	10.7	11.6	2.6	1.3
>= 26.00	19.7	7.1	10.7	25.2	47.7	51.4	49.0	34.0	11.6	7.3	8.4	1.9	1.3
>= 36.00	14.6	4.5	6.6	18.7	39.3	46.4	36.1	23.3	5.8	5.3	3.8	1.2	1.3
>= 50.00	9.2	1.9	4.0	11.6	32.9	29.5	23.2	16.0	1.9	2.6	1.2	1.2	.6
>= 70.00	6.1	1.9	2.6	7.7	22.5	15.4	19.3	9.3	1.2	2.0	.6	.6	
>= 97.00	3.8	.6	1.3	5.1	12.2	9.1	12.9	6.6	1.2	2.0		.6	
>= 130.00	2.2	.6	1.3	3.2	8.3	5.6	7.0	5.3	.6	2.0			
>= 190.00	1.4	.6	1.3	1.9	3.2	3.5	5.1	3.3	.6	.6			
>= 260.00	.6		.6	1.2	2.5	1.4	2.5	2.0	.6				
>= 360.00	.3		.6	.6	.6	.7	.6	1.3	.6				
>= 500.00	.1				.6				.6				

STATION 03209500 LEVISA FORK AT PIKEVILLE, KY. 1937-1964 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 2.0	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
>= 2.7	99.9	99.3	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
>= 3.7	99.7	97.5	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	98.9
>= 5.1	99.5	96.2	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	98.1
>= 6.9	99.1	93.5	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	95.2
>= 9.5	98.6	91.3	99.6	100.	100.	100.	100.	100.	100.	100.	100.	100.	92.8
>= 13.0	97.9	89.1	97.0	100.	100.	100.	100.	100.	100.	100.	100.	99.9	89.3
>= 18.0	97.1	85.8	95.2	99.9	100.	100.	100.	100.	100.	100.	99.8	99.3	85.1
>= 24.0	96.0	81.7	92.3	98.9	100.	100.	100.	100.	100.	100.	99.3	98.4	81.0
>= 33.0	94.0	73.2	90.4	97.4	100.	100.	100.	100.	100.	99.9	98.6	93.0	75.3
>= 45.0	91.3	63.1	86.0	95.6	99.0	99.3	100.	100.	100.	99.6	97.3	86.7	69.6
>= 62.0	88.2	55.7	79.4	92.6	97.3	99.2	100.	100.	99.5	97.3	93.8	80.8	63.7
>= 84.0	84.4	44.0	73.6	89.2	96.2	99.2	100.	100.	99.3	94.4	88.2	74.9	55.1
>= 110.0	79.8	36.8	65.2	84.3	94.3	99.2	100.	100.	98.6	89.0	80.0	66.1	44.8
>= 160.0	73.1	26.5	53.7	78.4	90.2	99.0	99.6	99.5	96.4	81.6	68.9	55.3	29.1
>= 210.0	67.6	20.5	46.3	72.0	87.1	96.7	99.6	98.8	93.8	73.0	59.1	45.6	19.5
>= 290.0	60.5	14.2	35.7	65.4	83.3	93.1	99.2	97.4	82.8	59.4	48.9	35.0	13.1
>= 400.0	54.1	9.9	29.0	56.9	79.2	89.6	98.8	95.8	70.5	45.6	40.0	27.0	9.3
>= 550.0	47.5	7.8	23.1	48.6	74.0	83.9	97.1	90.9	56.2	33.0	30.5	21.0	6.2
>= 740.0	40.8	5.9	18.4	41.6	63.1	78.1	93.9	81.4	43.1	23.0	23.8	15.8	3.7
>= 1000.0	34.4	3.9	14.0	35.7	52.2	70.2	88.5	68.1	32.3	16.4	18.3	12.4	2.6
>= 1400.0	26.6	2.5	9.1	28.1	39.9	59.9	74.1	50.5	23.1	11.2	12.1	9.1	1.0
>= 1900.0	19.8	1.9	6.4	20.5	28.4	46.3	58.9	37.8	16.7	7.3	7.8	6.2	.6
>= 2600.0	13.6	.8	3.9	13.7	19.8	34.6	41.6	25.3	11.2	3.9	5.2	4.5	.3
>= 3500.0	9.1	.5	2.5	8.9	13.9	22.8	28.0	17.0	8.0	2.2	2.9	2.6	.2
>= 4800.0	5.5	.4	1.8	5.1	9.3	14.2	17.8	8.5	5.2	1.6	1.4	1.5	
>= 6600.0	3.3	.2	.7	2.8	6.0	9.1	11.3	4.5	2.6	.7	.8	1.0	
>= 9000.0	1.9	.2	.4	1.6	3.2	6.4	6.2	2.9	1.6	.2	.4	.4	
>= 12000.0	1.2	.1	.2	1.1	1.9	3.9	3.9	1.8	1.1	.1	.2	.1	
>= 17000.0	.6			.4	1.0	2.8	2.5	.7	.5		.1	.1	
>= 23000.0	.3				.4	1.4	1.3	.2	.3				
>= 31000.0	.1				.4	.5	.5	.1	.2				
>= 43000.0					.2		.2		.1				
>= 58000.0					.1		.1						

STATION 03209500 LEVISA FORK AT PIKEVILLE, KY. 1966-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 48	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 59	99.4	100	97.2	97.5	98.8	100	100	100	100	99.7	100	100	100
>= 72	98.6	100	95.4	93.8	97.3	100	100	100	100	98.5	99.5	100	99.0
>= 88	97.6	99.5	94.4	92.6	95.5	100	100	100	100	97.2	97.5	100	94.6
>= 110	96.5	97.3	94.1	92.1	95.0	99.2	100	100	100	95.6	96.8	99.0	88.7
>= 130	95.3	95.3	93.8	90.8	94.5	98.4	100	100	100	94.4	96.3	97.0	83.1
>= 160	92.4	83.1	92.3	89.3	94.0	98.1	100	100	100	91.5	91.6	92.1	77.2
>= 200	88.9	75.2	91.0	87.3	93.5	97.8	100	100	99.8	85.6	82.4	84.1	70.8
>= 240	84.5	70.5	89.0	84.6	93.3	97.8	100	100	96.0	77.2	72.2	74.2	60.0
>= 300	79.4	67.2	85.1	80.6	92.1	97.0	100	99.5	93.1	71.3	59.1	61.8	46.7
>= 370	73.0	61.0	76.9	77.4	91.6	94.3	98.3	95.6	86.4	62.3	47.1	47.4	38.7
>= 450	66.7	53.6	70.5	75.4	87.8	91.0	96.5	90.8	82.1	49.7	35.5	39.7	29.2
>= 550	60.7	46.9	62.1	72.0	86.4	88.8	94.8	86.4	77.7	39.7	25.6	28.5	20.5
>= 680	53.9	37.7	51.5	64.0	80.6	86.6	90.6	78.2	70.2	30.0	18.6	22.6	17.2
>= 830	47.7	28.3	41.8	57.1	76.2	84.7	83.6	69.0	62.3	25.4	14.4	19.1	12.8
>= 1000	41.2	23.3	34.9	50.4	66.3	77.4	72.7	62.3	57.6	19.0	9.7	14.9	8.5
>= 1200	35.8	19.4	26.2	43.9	58.3	71.1	66.7	53.6	52.9	14.4	6.9	11.9	6.4
>= 1500	28.6	15.6	20.0	35.2	49.6	57.5	53.3	43.6	42.9	10.3	3.5	8.2	4.9
>= 1900	22.1	12.4	13.8	25.3	40.2	41.4	42.4	34.1	34.5	9.5	2.5	5.2	4.1
>= 2300	18.0	9.2	11.3	20.8	32.3	34.6	34.7	28.2	28.3	8.7	2.0	3.2	3.1
>= 2800	14.5	6.2	9.7	17.6	27.5	25.9	28.3	23.1	22.3	7.4	1.0	3.0	2.3
>= 3400	11.5	4.0	6.2	14.6	22.8	19.6	25.1	18.7	18.1	5.4	.7	1.7	1.5
>= 4200	9.2	2.5	4.9	11.7	18.9	14.4	21.1	15.6	14.4	4.4	.7	.5	1.0
>= 5200	7.1	2.4	3.5	8.9	14.3	9.5	18.8	12.5	11.4	3.0		.2	.5
>= 6300	5.5	1.4	2.8	7.1	10.9	7.6	14.6	10.2	8.6	2.0		.2	.2
>= 7800	4.1	.9	2.0	5.2	7.9	5.4	11.9	8.4	5.7	1.2			.2
>= 9500	2.6	.4	1.5	3.9	4.4	4.0	7.4	6.1	2.9	.5			
>= 12000	1.4		.7	1.2	2.9	1.9	4.7	3.8	1.4	.5			
>= 14000	.8		.2	.7	1.9	1.0	2.2	2.8	.4	.2			
>= 18000	.3		.2	.2	.4	.2	1.4	1.0	.2				
>= 21000	.2			.2	.4	.2	.9	.7	.2				
>= 26000					.2		.4	.2					
>= 32000							.2	.2					
>= 40000								.2					

STATION 03209500 LEVISA FORK AT PIKEVILLE, KY. 1938-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 2.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 2.7	100.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 3.7	99.8	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.3
>= 5.1	99.7	97.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.8
>= 6.9	99.4	95.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.8
>= 9.5	99.1	94.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.3
>= 13.0	98.6	92.8	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	92.9
>= 18.0	98.1	90.6	96.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	99.8	99.5	90.2
>= 24.0	97.3	88.0	95.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	99.5	99.0	87.5
>= 33.0	96.0	82.4	93.7	98.3	100.0	100.0	100.0	100.0	100.0	99.9	99.1	95.4	83.7
>= 45.0	94.2	75.7	90.8	97.1	99.4	99.6	100.0	100.0	100.0	99.8	98.2	91.0	79.7
>= 84.0	88.8	63.0	80.8	90.6	96.2	99.5	100.0	100.0	99.5	95.3	91.5	82.2	67.3
>= 110.0	85.2	57.5	75.2	87.2	94.6	99.2	100.0	100.0	99.1	91.0	85.7	75.8	58.4
>= 160.0	79.4	46.1	67.1	82.4	91.7	98.7	99.8	99.7	97.6	84.3	76.5	66.4	44.1
>= 210.0	74.2	39.2	61.3	77.6	89.5	97.2	99.8	99.2	95.5	75.4	66.1	56.5	34.6
>= 290.0	66.8	32.6	52.0	71.2	86.5	94.6	99.4	98.2	86.5	62.6	52.4	43.7	23.9
>= 400.0	59.5	26.1	43.7	64.2	83.2	91.0	98.6	95.1	75.7	48.2	40.6	31.9	17.6
>= 550.0	51.9	21.0	35.8	57.3	78.5	85.8	96.5	89.7	63.4	34.6	28.6	23.1	10.6
>= 750.0	44.0	14.9	27.4	48.8	68.1	80.8	91.7	79.5	50.1	23.8	20.8	17.2	6.8
>= 1000.0	36.8	10.7	20.9	41.1	57.8	72.3	83.8	67.1	40.2	16.8	15.1	13.0	4.4
>= 1400.0	28.0	7.4	13.6	31.7	44.5	60.4	69.2	50.0	30.1	11.0	9.1	8.9	2.4
>= 1900.0	20.6	5.6	9.0	22.2	32.7	44.3	54.1	37.6	22.0	7.8	5.9	5.7	1.7
>= 2600.0	14.4	2.6	6.0	15.7	23.2	32.4	38.3	26.0	15.4	5.0	3.7	3.9	1.1
>= 3500.0	9.7	1.8	3.7	10.7	16.6	21.1	26.9	18.0	10.8	3.0	2.2	2.2	.6
>= 4800.0	6.3	1.1	2.6	6.5	11.4	13.2	18.8	10.4	7.3	2.1	1.0	1.1	.3
>= 6600.0	3.9	.6	1.3	4.1	7.5	8.2	12.4	6.2	4.1	1.1	.5	.7	
>= 9000.0	2.3	.3	.8	2.4	4.0	5.6	7.2	4.1	2.3	.3	.3	.3	
>= 12000.0	1.3		.4	1.1	2.3	3.1	4.4	2.4	1.2	.2	.1		
>= 17000.0	.6			.3	1.1	1.9	2.3	.8	.4				
>= 23000.0	.2				.5	.9	1.2	.3	.3				
>= 31000.0	.1				.3	.3	.4	.1	.1				
>= 43000.0					.1		.1						

STATION 03209800 LEVISA FORK AT PRESTONSBURG, KY. 1966-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 61	99.7	100.0	98.2	99.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0
>= 75	99.1	100.0	96.2	95.8	99.8	100.0	100.0	100.0	100.0	98.7	98.8	100.0	100.0
>= 92	98.4	99.5	94.9	94.5	98.3	100.0	100.0	100.0	100.0	98.5	97.5	100.0	98.2
>= 110	97.9	99.3	94.6	93.5	97.3	100.0	100.0	100.0	100.0	97.2	96.8	100.0	95.9
>= 140	96.8	96.5	94.4	93.1	96.3	99.7	100.0	100.0	100.0	95.4	96.0	99.0	91.5
>= 170	94.6	86.8	94.1	92.1	96.3	99.2	100.0	100.0	100.0	94.1	94.5	96.0	82.6
>= 210	91.8	79.4	92.6	91.1	95.3	98.9	100.0	100.0	100.0	88.7	86.4	90.6	79.0
>= 250	88.6	73.4	90.3	88.6	94.5	98.6	100.0	100.0	99.8	84.4	80.9	81.9	71.5
>= 310	83.5	68.2	88.2	86.1	93.8	98.1	100.0	100.0	96.5	77.7	69.0	72.7	52.8
>= 380	77.8	61.0	83.3	84.1	93.3	97.8	100.0	100.0	91.6	69.2	57.6	55.8	40.5
>= 460	72.5	55.3	79.0	80.9	93.3	96.5	99.0	97.2	86.6	60.0	46.4	44.7	32.3
>= 560	66.7	50.9	69.0	77.4	89.8	93.7	97.5	95.1	82.4	49.5	35.0	37.5	24.4
>= 650	61.2	43.4	61.3	73.9	86.6	91.3	95.3	90.8	77.7	41.0	26.8	29.5	17.9
>= 850	56.2	34.5	52.6	70.0	84.4	88.8	93.8	87.4	73.4	32.6	19.1	24.6	14.6
>= 1000	51.6	27.8	44.4	63.5	79.7	87.5	91.8	81.8	68.2	26.4	15.4	21.8	13.1
>= 1300	43.8	20.8	35.4	53.1	68.7	83.4	81.4	69.0	60.5	20.3	8.9	16.1	10.5
>= 1600	36.7	17.4	25.9	45.4	57.8	74.7	71.0	57.9	53.3	14.4	5.0	12.2	7.4
>= 1900	30.8	14.9	20.8	37.5	49.4	64.3	62.3	48.5	43.7	11.8	3.2	8.9	6.2
>= 2300	24.7	11.7	15.9	29.5	41.7	48.0	52.9	39.2	36.2	9.7	2.0	5.5	4.9
>= 2800	19.8	7.7	11.8	25.1	34.7	38.1	42.7	32.3	30.3	7.9	1.0	3.7	2.6
>= 3500	15.5	5.7	7.9	19.1	29.5	28.1	32.5	26.4	25.3	6.9	.5	2.7	2.1
>= 4300	12.3	4.2	5.6	16.1	24.1	20.4	27.5	23.1	18.4	5.4	.5	1.7	1.3
>= 5200	10.1	2.7	4.1	12.9	20.5	16.3	24.8	18.4	15.6	4.1	.2	.7	.7
>= 6400	7.9	2.2	3.0	9.9	17.3	10.6	19.8	15.3	12.6	3.0		.2	.7
>= 7800	6.2	1.2	2.5	8.1	12.6	8.4	17.3	12.5	9.1	2.0		.2	.5
>= 9600	4.4	.7	2.5	6.2	8.4	6.2	12.6	8.4	5.4	1.7		.2	.2
>= 12000	2.6		.5	3.4	5.7	3.5	8.4	6.1	2.9	1.0			
>= 14000	1.6		.5	1.4	2.7	2.4	5.9	4.6	1.7	.7			
>= 18000	.7		.5	.7	1.4	1.0	2.7	1.7	.4				
>= 21000	.4		.2	.2	.7	.8	2.4	1.0	.2				
>= 26000	.2				.4	.2	1.2	.7					
>= 32000					.2		.2	.5					
>= 39000							.2	.2					

STATION 03209800 LEVISA FORK AT PRESTONSBURG, KY. 1964-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 20.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 25.0	99.7	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.6
>= 32.0	99.5	95.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.2
>= 40.0	99.3	95.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.3
>= 50.0	99.1	94.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	96.2
>= 63.0	98.3	94.0	96.4	97.8	100.0	100.0	100.0	100.0	100.0	99.8	99.6	97.8	93.8
>= 79.0	97.3	93.1	93.8	95.9	99.8	100.0	100.0	100.0	100.0	98.9	98.1	96.8	90.9
>= 100.0	96.0	92.9	91.1	94.8	97.8	100.0	100.0	100.0	100.0	97.8	95.3	95.1	87.1
>= 130.0	94.9	91.2	90.0	93.5	96.8	99.8	100.0	100.0	100.0	96.4	94.4	93.5	83.6
>= 160.0	93.1	85.8	89.1	91.4	96.3	99.5	100.0	100.0	100.0	93.3	93.1	91.4	76.9
>= 200.0	90.1	76.6	88.2	89.9	95.7	99.1	100.0	100.0	100.0	88.4	86.7	85.6	71.1
>= 250.0	86.0	69.9	84.0	87.1	94.6	98.8	100.0	100.0	99.8	80.7	78.9	75.3	63.6
>= 320.0	80.1	63.4	80.2	84.5	93.8	98.3	100.0	100.0	95.9	72.0	64.7	64.1	44.4
>= 400.0	73.8	56.6	74.9	81.5	93.1	97.9	100.0	99.1	89.7	62.4	51.6	47.3	33.1
>= 500.0	67.9	50.3	67.6	77.4	92.3	95.8	98.7	97.1	83.9	51.1	39.4	37.4	25.1
>= 630.0	61.3	43.2	59.3	73.1	87.7	92.2	96.3	94.4	76.8	41.6	27.1	29.0	16.4
>= 790.0	56.1	35.3	50.2	69.0	85.8	90.6	95.1	90.0	71.4	32.2	18.5	23.4	13.6
>= 990.0	50.7	26.7	41.3	62.2	81.1	88.0	93.1	84.9	64.5	24.2	13.5	19.4	11.6
>= 1300.0	43.1	20.4	32.9	52.3	70.3	82.1	83.9	73.1	54.6	18.7	7.7	14.2	9.3
>= 1600.0	36.3	16.8	24.2	43.7	60.0	73.1	74.8	62.2	47.7	13.3	4.3	10.5	6.7
>= 2000.0	29.2	14.0	17.8	34.4	50.3	59.0	63.4	51.6	36.8	10.0	2.8	7.1	4.9
>= 2500.0	22.4	9.7	13.6	26.0	39.4	40.3	53.1	40.2	30.1	8.7	.9	4.3	2.9
>= 3100.0	17.3	6.5	8.7	20.2	32.5	31.1	40.4	32.9	24.7	6.4	.4	2.6	2.0
>= 3900.0	13.5	4.3	6.6	16.3	25.8	22.6	32.2	27.3	18.7	5.5	.4	1.9	1.3
>= 5000.0	10.1	3.0	4.4	12.6	20.4	16.2	26.2	20.2	13.5	4.0	.2	.6	.6
>= 6300.0	7.8	2.3	3.1	9.4	16.7	10.3	21.9	16.0	10.9	2.6		.2	.6
>= 7900.0	5.8	1.0	2.4	7.7	11.8	7.7	17.4	12.0	7.3	1.7		.2	.4
>= 9900.0	3.9	.4	2.0	5.1	7.7	5.1	12.6	7.3	4.3	1.5		.2	.2
>= 12000.0	2.5		.4	3.0	5.3	3.0	9.0	5.5	2.5	.8			
>= 16000.0	1.0		.4	1.0	2.1	1.1	4.3	2.4	.6				
>= 20000.0	.5		.4	.2	.6	.9	2.7	1.1	.4				
>= 25000.0	.2		.2		.4	.2	1.7	.6	.2				
>= 31000.0					.2		.2	.4					
>= 39000.0							.2	.2					

STATION 03210000 JOHNS CREEK NEAR META, KY. 1941-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	98.0	92.2	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.1	96.4	90.1
>= .02	98.0	92.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.1	96.4	90.1
>= .03	98.0	92.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.1	96.4	90.1
>= .04	98.0	92.0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.1	96.4	90.1
>= .06	98.0	92.0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.1	96.4	90.1
>= .09	97.9	91.9	98.1	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.0	96.4	89.9
>= .10	97.9	91.8	98.1	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.0	96.4	89.9
>= .20	97.3	90.5	98.0	100.0	100.0	100.0	100.0	100.0	100.0	99.6	97.7	95.2	86.8
>= .30	96.7	88.5	97.1	99.7	100.0	100.0	100.0	100.0	100.0	99.6	96.9	94.7	83.8
>= .40	96.1	86.5	96.4	99.5	100.0	100.0	100.0	100.0	100.0	99.4	96.4	93.2	82.2
>= .60	94.8	83.5	94.7	98.3	100.0	100.0	100.0	100.0	99.7	98.4	94.2	91.3	77.6
>= .90	92.5	78.1	93.0	96.2	99.2	100.0	100.0	100.0	99.6	96.3	91.1	85.6	71.7
>= 1.40	89.3	69.9	89.8	94.7	98.1	99.9	100.0	100.0	98.8	93.5	86.4	78.7	62.2
>= 2.00	86.1	62.8	86.5	92.5	97.1	99.9	100.0	100.0	98.6	90.5	81.7	70.2	54.8
>= 2.90	81.5	51.2	80.6	90.7	96.3	99.9	100.0	100.0	97.7	84.3	73.1	60.4	45.4
>= 4.30	75.9	43.1	73.5	87.4	95.5	99.8	100.0	100.0	96.1	71.5	60.8	50.2	35.3
>= 6.30	69.6	35.5	62.0	81.7	93.4	99.7	100.0	99.7	89.8	59.2	49.8	39.2	28.0
>= 9.20	63.1	28.2	51.3	75.9	90.6	98.3	99.9	98.8	81.2	46.9	37.5	30.0	21.8
>= 13.00	57.6	24.1	44.6	70.6	86.8	94.3	98.8	97.5	71.0	38.2	29.0	22.9	18.1
>= 20.00	50.5	17.7	35.8	61.1	82.4	88.7	97.6	91.7	56.4	27.7	20.5	16.9	14.2
>= 29.00	43.8	11.3	26.9	51.6	76.6	83.1	95.3	80.1	46.3	20.3	15.9	12.8	9.5
>= 42.00	36.1	6.3	20.2	41.9	63.0	74.6	88.7	64.6	36.2	14.2	11.9	9.1	6.6
>= 62.00	27.4	4.1	14.3	29.9	47.1	61.0	72.7	48.4	26.3	9.7	8.7	5.5	4.3
>= 90.00	19.5	2.6	10.0	22.0	34.9	43.3	53.9	32.9	17.9	6.8	6.6	3.1	2.8
>= 130.00	12.9	1.7	5.5	14.9	23.9	27.3	37.3	22.0	11.7	4.5	3.9	2.1	2.0
>= 190.00	8.1	.9	3.0	9.5	14.9	17.1	23.7	14.6	6.9	2.5	2.9	1.3	1.5
>= 280.00	4.7	.7	1.2	5.7	7.9	10.3	14.6	8.4	4.3	1.5	1.5	.5	.7
>= 410.00	2.6	.4	.9	3.4	4.0	5.9	8.2	4.4	2.3	.9	.8	.4	.3
>= 610.00	1.5		.3	1.6	2.5	3.9	5.2	2.8	1.1	.4	.3	.3	.2
>= 890.00	.8		.2	1.0	1.3	1.7	2.6	1.8	.4	.2		.2	.1
>= 1300.00	.4		.1	.3	.8	1.3	1.7	1.0	.2				
>= 1900.00	.1				.4	.6	.5	.3	.1				
>= 2800.00													

STATION 03211500 JOHNS CREEK NEAR VAN LEAR, KY. 1940-1949 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .1	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
>= .2	99.9	99.4	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
>= .3	99.6	95.5	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	99.7
>= .4	99.4	95.5	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	97.7
>= .5	99.4	95.5	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	97.3
>= .7	98.8	93.2	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	92.0
>= 1.0	97.6	85.8	99.7	100.	100.	100.	100.	100.	100.	99.7	99.0	98.7	88.0
>= 1.4	95.8	75.5	98.7	100.	100.	100.	100.	100.	99.7	97.3	98.7	94.5	85.3
>= 2.0	93.5	66.8	94.7	99.4	100.	100.	100.	100.	99.0	96.7	98.7	87.7	80.0
>= 2.8	90.7	58.7	90.0	96.1	100.	100.	100.	100.	98.1	96.0	96.5	84.2	70.0
>= 3.9	87.9	55.2	84.0	91.0	100.	100.	100.	100.	97.1	95.3	91.6	79.7	61.3
>= 5.4	84.7	48.4	75.7	89.4	100.	100.	100.	100.	96.8	94.0	87.4	73.2	52.7
>= 7.6	79.7	37.7	67.0	88.1	97.7	98.2	100.	100.	95.5	89.0	79.4	61.9	43.0
>= 11.0	75.4	28.7	60.7	85.5	95.5	98.2	100.	100.	95.2	83.7	70.6	53.5	35.0
>= 15.0	71.3	23.9	54.0	81.9	94.5	97.5	100.	100.	93.5	75.7	62.9	44.2	28.3
>= 21.0	65.2	19.0	43.7	75.2	89.4	97.5	100.	98.7	87.1	64.7	50.3	34.5	24.0
>= 29.0	58.8	13.5	35.7	67.1	85.2	92.9	99.0	97.3	82.3	50.7	40.6	26.5	16.3
>= 40.0	53.4	11.6	30.0	60.6	77.4	85.5	98.7	96.0	75.8	41.7	32.3	21.3	11.7
>= 56.0	47.1	8.7	21.0	52.6	70.6	81.3	96.8	93.0	63.9	31.0	25.8	15.8	7.0
>= 78.0	41.3	5.5	18.7	44.8	66.1	74.9	91.6	86.7	51.3	22.0	18.4	12.6	4.7
>= 110.0	35.0	3.5	14.7	33.5	59.7	64.7	87.1	77.7	39.0	15.3	13.5	10.0	3.0
>= 150.0	28.9	1.3	12.7	28.1	46.5	55.8	81.0	61.3	30.3	11.7	10.3	8.1	1.7
>= 210.0	21.7	.6	8.7	21.6	34.2	46.6	67.4	43.3	20.3	7.0	6.5	5.2	.3
>= 300.0	15.5		5.0	13.8	23.2	35.6	53.8	29.3	11.9	5.6	4.1	4.5	
>= 410.0	10.8		3.3	9.6	15.4	26.8	38.3	18.6	7.7	3.6	3.2	3.5	
>= 580.0	6.8		1.6	5.4	10.6	16.2	25.4	12.6	3.2	3.0	2.2	2.5	
>= 800.0	4.4		1.0	3.2	7.0	11.3	15.4	7.6	1.9	2.3	1.2	2.2	
>= 1100.0	2.6		.3	1.9	5.1	6.0	8.0	6.0	.3	1.0	.9	1.6	
>= 1600.0	1.3			.9	1.9	2.1	4.5	4.3		1.0	.9	.9	
>= 2200.0	.7			.6	.9	1.0	2.5	3.0			.3	.3	
>= 3100.0	.5			.3	.6	.7	1.6	3.0				.3	
>= 4300.0	.2			.3	.6	.7	.3	.6					
>= 5900.0					.6								

STATION 03211500 JOHNS CREEK NEAR VAN LEAR, KY. 1951-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 3.7	99.8	100	100	99.8	99.4	99.6	99.1	99.9	99.8	100	100	100	100
>= 4.7	99.7	99.1	100	99.8	99.3	99.6	99.1	99.9	99.8	100	100	99.9	99.9
>= 5.8	99.5	97.9	100	99.8	99.2	99.6	99.1	99.9	99.8	100	100	99.8	99.4
>= 7.1	99.3	97.0	99.5	99.8	99.2	99.6	99.1	99.9	99.7	100	100	99.5	98.1
>= 8.8	97.5	93.3	98.7	96.4	95.4	99.6	99.1	99.6	99.7	98.3	99.2	98.5	92.6
>= 11.0	92.0	80.3	86.5	91.5	94.4	99.2	98.7	96.1	98.6	96.0	96.2	89.7	76.9
>= 13.0	84.0	55.5	82.3	89.6	94.4	98.7	98.2	89.8	96.2	90.2	83.1	74.4	56.4
>= 16.0	79.4	48.8	80.6	86.3	93.7	98.2	96.8	87.9	96.1	82.6	75.2	64.3	43.1
>= 20.0	71.8	41.6	75.7	85.1	92.4	97.2	94.8	83.7	90.1	68.8	59.3	49.1	25.4
>= 25.0	65.6	32.3	74.0	82.9	90.6	96.8	93.1	80.5	81.5	56.0	44.9	34.8	21.4
>= 31.0	60.7	26.8	72.5	77.1	88.6	95.3	92.3	79.5	74.8	43.0	34.4	27.3	19.0
>= 38.0	57.1	21.8	72.3	71.7	86.3	92.7	91.6	77.5	70.9	34.6	28.9	23.7	15.7
>= 47.0	54.5	20.0	71.1	68.2	84.4	90.1	91.5	74.8	68.0	30.7	23.7	20.7	12.7
>= 58.0	51.8	18.8	68.2	65.1	82.4	88.9	90.6	73.1	61.4	25.5	21.5	18.1	10.7
>= 72.0	48.5	16.1	65.2	60.8	78.1	88.5	89.1	70.7	55.3	19.2	17.4	15.3	9.0
>= 88.0	45.5	14.2	58.8	56.8	73.6	87.2	85.6	67.5	51.4	16.9	14.6	13.4	8.2
>= 110.0	40.7	12.7	45.6	50.8	68.4	81.9	82.8	63.2	42.2	14.2	12.6	10.4	6.8
>= 130.0	37.4	11.2	38.8	44.6	62.6	78.4	80.4	59.4	37.7	12.4	11.4	9.0	5.6
>= 170.0	32.3	9.1	32.3	37.9	52.5	70.4	74.7	50.6	33.1	9.3	9.2	6.8	4.6
>= 200.0	29.3	7.5	28.7	34.6	45.3	64.2	71.1	46.5	29.5	7.7	8.8	5.	3.9
>= 250.0	25.0	6.9	23.6	29.0	39.2	55.2	62.9	38.8	24.4	6.3	6.9	5.0	3.5
>= 310.0	21.1	5.4	18.8	25.5	33.9	45.8	52.2	33.7	20.6	5.0	6.1	4.3	3.0
>= 380.0	17.4	4.3	13.5	22.9	28.0	38.1	43.8	28.1	17.1	3.6	5.0	3.5	1.9
>= 470.0	13.8	2.6	9.0	17.7	23.5	29.3	34.9	23.3	14.2	3.2	4.1	2.8	1.6
>= 580.0	10.9	2.4	5.9	13.8	17.8	23.0	29.6	18.5	12.2	2.6	2.7	1.9	1.1
>= 720.0	8.6	1.7	3.5	11.2	14.1	18.3	24.0	15.2	9.9	2.0	1.6	1.4	.8
>= 890.0	7.0	1.0	2.9	9.1	11.1	15.2	19.9	12.3	8.5	1.1	1.1	1.1	.5
>= 1100.0	5.4	.6	1.9	6.9	7.8	12.0	17.5	9.1	7.1	.4	.5	.8	.3
>= 1300.0	4.2	.5	1.4	5.1	5.6	9.8	14.5	7.3	5.1	.3	.1	.4	.2
>= 1700.0	3.0	.2	.9	3.1	4.4	6.1	11.5	5.9	3.1	.2		.2	.2
>= 2100.0	1.9		.2	1.3	2.7	4.1	9.1	3.4	2.6	.1		.1	
>= 2500.0	1.1		.2	.4	1.4	2.7	7.9	.7				.1	
>= 3100.0	.1						2.0	.1					
>= 3900.0													

STATION 03211500 JOHNS CREEK NEAR VAN LEAR, KY. 1940-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .1	99.9	100	100	99.8	99.6	99.7	99.3	99.9	99.8	100	100	100	100
>= .2	99.8	99.8	100	99.8	99.6	99.7	99.3	99.9	99.8	100	100	100	100
>= .3	99.7	98.8	100	99.8	99.6	99.7	99.3	99.9	99.8	100	100	100	99.9
>= .4	99.7	98.8	100	99.8	99.6	99.7	99.3	99.9	99.8	100	100	100	99.4
>= .5	99.7	98.8	100	99.8	99.6	99.7	99.3	99.9	99.8	100	100	100	99.3
>= .7	99.5	98.3	100	99.8	99.6	99.7	99.3	99.9	99.8	100	100	100	97.9
>= 1.0	99.2	96.4	99.9	99.8	99.6	99.7	99.3	99.9	99.8	99.9	99.8	99.7	96.9
>= 1.4	98.8	93.7	99.7	99.8	99.6	99.7	99.3	99.9	99.8	99.3	99.7	98.6	96.2
>= 2.0	98.2	91.5	98.6	99.7	99.6	99.7	99.3	99.9	99.6	99.1	99.7	96.9	94.9
>= 2.8	97.5	89.4	97.4	98.8	99.6	99.7	99.3	99.9	99.3	99.0	99.1	95.9	92.3
>= 3.9	96.7	88.5	95.9	97.5	99.5	99.7	99.3	99.9	99.1	98.8	97.8	94.8	90.1
>= 5.4	95.8	85.8	93.8	97.1	99.5	99.7	99.3	99.9	99.0	98.2	96.8	93.0	87.5
>= 7.6	94.1	81.4	91.1	96.8	98.7	99.3	99.3	99.9	98.4	96.2	94.5	89.9	83.7
>= 11.0	87.8	67.1	80.3	90.2	94.8	99.0	99.1	97.2	97.5	92.1	89.7	80.7	66.8
>= 15.0	78.8	45.1	74.7	86.4	94.3	98.4	97.9	91.6	95.3	81.8	74.4	62.3	44.3
>= 21.0	69.3	34.2	67.7	82.8	91.6	97.3	95.8	86.8	88.1	64.4	54.3	44.3	25.7
>= 29.0	61.6	24.5	63.4	76.6	88.3	95.5	94.4	85.0	78.2	47.6	39.3	28.0	21.0
>= 40.0	56.1	19.0	60.8	68.7	84.1	90.5	93.6	82.1	71.5	36.2	30.3	22.1	16.4
>= 56.0	51.2	16.4	55.6	62.7	80.1	87.3	92.6	79.0	62.6	27.6	24.0	17.9	11.4
>= 78.0	46.2	13.2	50.9	55.8	74.0	85.0	89.4	74.5	53.3	19.4	18.3	13.9	8.9
>= 110.0	39.5	10.2	37.1	46.8	67.0	77.7	83.9	66.7	42.0	14.8	13.6	10.1	6.6
>= 150.0	33.4	7.4	29.0	38.0	55.7	70.6	78.0	56.3	34.3	10.9	11.0	7.5	4.7
>= 210.0	26.8	5.5	22.6	30.5	42.3	58.3	69.0	43.4	26.5	7.6	8.4	5.5	3.6
>= 300.0	20.3	4.0	15.7	22.9	32.8	45.2	54.2	32.5	18.8	5.4	5.7	4.4	2.7
>= 410.0	14.8	2.2	8.8	18.0	24.6	33.0	39.7	24.1	14.5	3.8	4.5	3.3	1.8
>= 580.0	10.0	1.7	4.7	11.7	16.8	21.5	28.2	16.5	10.0	2.9	2.8	2.0	1.2
>= 800.0	7.0	.9	2.5	8.4	11.5	15.1	20.1	12.0	7.6	2.2	1.4	1.4	.9
>= 1100.0	4.7	.4	1.4	5.6	7.5	10.7	14.6	8.1	5.2	.7	.7	.9	.4
>= 1600.0	2.7	.3	.7	2.5	3.9	5.7	9.7	5.4	2.6	.4	.2	.5	.1
>= 2200.0	1.5		.1	1.0	1.9	3.5	7.0	3.1	1.7			.1	
>= 3100.0	.3				.1	.5	1.9	.8					
>= 4300.0					.1	.3		.1					
>= 5900.0					.1								

STATION 03212000 PAINT CREEK AT STAFFORDSVILLE, KY. 1950-1975 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .1	99.9	99.6	100	100	100	100	100	100	100	100	100	100	98.8
>= .2	99.8	99.1	100	100	100	100	100	100	100	100	100	99.9	98.2
>= .3	99.6	98.6	100	100	100	100	100	100	100	100	100	99.8	96.5
>= .4	99.4	98.1	100	100	100	100	100	100	100	100	100	99.6	95.3
>= .6	98.9	95.6	99.9	100	100	100	100	100	100	100	100	98.8	92.6
>= .8	98.3	92.3	99.5	100	100	100	100	100	100	100	100	97.3	90.6
>= 1.1	96.9	86.7	96.8	99.1	100	100	100	100	100	100	99.3	93.8	87.2
>= 1.5	95.4	83.2	94.7	97.9	100	100	100	100	100	100	97.4	90.2	81.7
>= 2.2	92.5	80.3	90.8	96.5	99.9	100	100	100	100	98.1	92.4	80.5	72.9
>= 3.0	89.3	74.3	89.6	95.1	99.6	100	100	100	100	94.7	84.1	71.5	64.7
>= 4.3	84.3	63.2	85.7	90.5	96.6	100	100	100	99.8	87.3	76.4	63.0	50.6
>= 6.0	79.6	54.5	80.4	86.6	94.8	100	100	100	99.4	79.5	67.2	53.6	41.5
>= 8.5	74.0	44.8	69.2	82.8	93.5	99.4	100	99.9	97.0	70.3	57.9	44.2	32.7
>= 12.0	69.5	36.4	63.2	80.0	92.3	99.2	100	99.7	93.5	60.5	48.9	36.8	27.7
>= 17.0	63.2	23.5	52.5	74.8	89.7	97.3	99.9	99.6	86.6	49.7	40.1	27.8	21.4
>= 24.0	57.3	15.1	43.7	66.7	87.0	94.9	98.8	97.3	78.5	39.1	32.8	21.3	16.9
>= 33.0	51.9	9.8	36.9	60.9	83.1	92.6	96.9	93.7	67.2	29.2	27.2	17.2	13.5
>= 47.0	45.6	6.1	27.9	54.6	76.6	86.8	93.3	86.4	54.6	20.5	21.8	12.3	11.2
>= 66.0	37.8	3.6	21.2	43.5	62.7	77.3	85.7	70.3	43.8	16.2	17.4	8.9	8.2
>= 93.0	29.9	2.7	14.5	35.0	47.5	63.7	74.5	56.3	33.5	10.9	12.7	6.2	5.4
>= 130.0	22.8	1.7	10.0	26.6	35.7	48.9	59.0	44.0	26.1	7.4	8.8	4.5	4.2
>= 180.0	16.8	1.3	7.1	20.4	26.3	34.0	44.6	32.3	19.2	5.1	6.9	3.1	2.9
>= 260.0	11.7	.8	4.5	14.7	17.8	23.1	32.5	23.1	13.4	3.3	4.3	2.1	2.1
>= 370.0	8.0	.2	3.2	10.5	12.0	16.2	21.6	15.5	9.3	2.3	2.7	1.6	1.7
>= 520.0	5.1	.1	2.2	5.6	7.8	11.4	13.9	9.8	5.5	1.7	2.1	.9	1.2
>= 730.0	3.2	.1	1.3	3.7	4.7	7.3	8.2	6.5	3.5	1.2	1.1	.3	.5
>= 1000.0	1.9	.1	.6	2.1	2.8	3.9	5.8	4.3	2.3	.7	.4		.5
>= 1400.0	1.1		.5	1.2	1.5	2.6	3.4	2.3	.9	.5	.2		.5
>= 2000.0	.5		.2	.2	.3	1.8	1.8	1.0	.6	.2	.2		.2
>= 2900.0	.3		.2	.1	.3	1.1	.9	.5	.3		.2		.1
>= 4000.0	.1			.1	.1	.5	.2				.1		.1
>= 5700.0						.1					.1		.1
>= 8000.0						.1							

STATION 03212500 LEVISA FORK AT PAINTSVILLE, KY. 1915-1916 1929-1949 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 8.3	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
>= 11.0	99.8	97.7	100.	100.	100.	100.	100.	100.	100.	100.	99.5	100.	100.
>= 14.0	99.6	95.7	100.	100.	100.	100.	100.	100.	100.	100.	99.4	100.	100.
>= 19.0	99.1	91.9	99.0	100.	100.	100.	100.	100.	100.	100.	99.1	100.	99.8
>= 24.0	98.2	87.4	98.1	100.	100.	100.	100.	100.	100.	100.	97.2	99.2	96.2
>= 32.0	97.0	84.2	95.7	100.	100.	100.	100.	100.	100.	100.	96.8	98.0	89.7
>= 42.0	95.3	77.0	93.5	98.6	100.	100.	100.	100.	100.	99.7	94.8	96.2	83.8
>= 54.0	93.3	71.7	89.2	96.6	100.	100.	100.	100.	100.	98.9	92.3	92.8	78.7
>= 71.0	90.7	62.2	82.1	94.5	100.	100.	100.	100.	100.	98.1	91.1	88.6	72.9
>= 92.0	87.7	51.9	77.8	93.1	99.5	99.2	100.	100.	99.7	94.6	88.2	82.3	67.3
>= 120.0	84.6	43.0	73.3	90.8	98.3	99.0	100.	100.	99.2	92.4	84.2	76.5	59.4
>= 160.0	80.6	38.2	67.1	85.7	97.7	96.1	100.	100.	98.3	87.0	77.7	69.0	51.3
>= 210.0	75.9	34.1	59.2	80.5	95.5	93.3	100.	100.	97.4	79.4	69.7	61.3	41.6
>= 270.0	71.8	29.2	50.2	76.3	92.5	92.4	99.8	99.7	96.2	72.9	65.1	54.7	33.8
>= 350.0	66.5	24.1	43.0	72.5	87.9	90.6	99.5	98.7	90.8	63.8	57.0	47.8	23.5
>= 460.0	60.9	18.1	32.7	67.7	84.0	88.0	99.4	98.1	83.3	52.7	50.2	41.2	16.8
>= 590.0	56.2	14.4	28.9	61.0	80.6	85.8	98.5	96.7	74.3	44.1	43.3	35.8	12.2
>= 780.0	51.1	11.2	25.7	55.0	74.8	82.5	96.3	94.8	64.7	34.8	36.6	30.4	7.8
>= 1000.0	45.6	8.6	22.2	45.2	69.9	77.7	94.5	90.0	55.1	26.8	29.5	24.4	5.4
>= 1300.0	39.7	6.3	17.8	37.2	61.0	73.2	89.2	82.1	44.9	20.3	22.9	19.5	3.5
>= 1700.0	33.3	4.9	14.3	30.1	53.1	65.1	81.9	69.0	34.4	15.4	17.4	14.1	1.3
>= 2300.0	25.1	2.5	8.9	21.4	39.5	54.3	67.4	51.6	23.7	10.5	12.3	10.1	1.0
>= 2900.0	20.2	2.0	7.0	15.2	32.0	46.4	56.7	40.6	18.4	7.6	9.2	8.1	.5
>= 3800.0	15.0	1.3	4.2	10.1	24.4	35.9	44.3	30.0	13.5	5.3	5.8	6.6	
>= 5000.0	10.9	.7	2.8	7.6	18.7	25.9	34.7	19.2	9.8	3.6	4.1	4.4	
>= 6500.0	7.7	.6	1.7	3.6	15.3	19.0	26.4	13.1	6.6	2.2	2.4	2.7	
>= 8500.0	5.2	.6	1.2	2.3	11.9	12.3	18.5	7.7	3.6	1.4	1.5	1.8	
>= 11000.0	3.4	.3	1.2	1.3	7.6	7.9	13.5	5.0	2.1	.7	.9	.6	
>= 15000.0	2.3	.3	.7	.7	4.4	5.7	9.6	3.9	.9	.4	.4	.4	
>= 19000.0	1.5		.7	.3	3.0	3.8	6.2	3.0	.4	.1	.1	.1	
>= 25000.0	.7		.3	.1	1.3	2.0	3.2	1.5	.3				
>= 32000.0	.3			.1	1.0	1.0	1.0	.7					
>= 42000.0	.1				.3	.6	.4	.1					
>= 55000.0					.1	.1							

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 20	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
>= 25	99.7	97.7	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	98.3
>= 32	99.3	95.7	99.6	100.	100.	100.	100.	100.	100.	100.	100.	100.	96.0
>= 41	98.5	93.7	96.5	99.4	100.	100.	100.	100.	100.	100.	100.	100.	92.6
>= 52	97.9	91.6	94.5	99.2	100.	100.	100.	100.	100.	100.	100.	99.3	90.5
>= 66	96.9	87.3	92.0	98.8	99.3	100.	100.	100.	100.	100.	100.	98.0	87.7
>= 84	96.0	84.6	90.8	98.2	98.8	100.	100.	100.	100.	100.	99.9	95.2	84.3
>= 110	93.9	80.5	88.5	96.2	97.8	100.	100.	100.	100.	99.5	96.1	91.1	77.3
>= 130	92.1	74.7	87.0	93.9	96.0	100.	100.	100.	100.	98.8	94.4	87.3	73.1
>= 170	88.8	66.7	83.3	91.7	94.6	99.7	100.	100.	100.	96.5	89.5	79.5	64.5
>= 220	84.6	56.1	78.5	87.4	93.7	99.5	100.	100.	100.	91.1	83.9	72.0	54.0
>= 280	80.5	50.9	75.2	85.4	93.0	99.1	100.	100.	99.7	83.1	72.9	61.8	46.3
>= 350	75.6	44.6	68.3	81.9	92.4	98.6	100.	100.	98.0	74.6	61.4	53.6	35.0
>= 440	69.8	37.3	62.0	78.5	91.6	98.1	100.	99.5	91.6	66.2	49.9	40.7	23.3
>= 560	63.9	31.7	56.5	74.2	88.9	97.1	99.2	97.5	83.5	53.6	38.9	31.6	15.8
>= 720	58.6	26.3	50.0	68.9	85.6	94.6	98.2	94.4	76.8	42.9	30.4	26.0	11.7
>= 910	53.6	20.4	43.1	63.0	83.4	91.0	97.4	92.0	69.5	33.5	23.3	19.9	9.2
>= 1200	47.8	14.3	35.2	56.6	78.7	88.2	95.6	85.0	58.6	24.3	16.9	16.0	6.9
>= 1500	43.2	11.6	29.6	50.6	71.4	84.8	93.0	76.3	51.5	19.5	14.1	12.9	5.5
>= 1900	36.8	8.9	22.3	43.1	59.9	77.6	85.4	64.5	43.8	13.8	10.4	9.6	4.3
>= 2400	30.6	7.3	15.7	36.8	50.3	68.5	75.1	55.0	34.3	10.1	6.7	6.9	3.0
>= 3000	25.4	5.3	11.9	29.7	41.4	55.9	66.4	47.5	28.7	7.7	5.1	5.5	1.5
>= 3800	19.5	3.3	8.3	22.7	32.9	42.2	51.6	38.5	22.2	5.5	3.1	3.8	1.0
>= 4800	14.6	2.7	5.2	17.1	25.1	32.4	39.8	28.8	17.8	3.4	1.7	1.7	.7
>= 6100	10.7	1.8	4.0	12.3	18.2	22.3	30.2	22.2	13.7	2.1	.3	1.1	.5
>= 7800	7.9	.9	2.5	9.2	13.7	16.3	24.4	15.1	10.4	1.7	.2	.8	.3
>= 9900	5.6	.3	1.6	6.5	9.7	11.8	18.7	10.7	6.2	1.0	.1	.4	.2
>= 13000	3.5	.1	.9	3.6	5.4	7.7	13.3	7.0	3.8	.4		.3	
>= 16000	2.1		.4	1.9	3.6	4.2	8.7	4.5	1.9	.2		.2	
>= 20000	1.2		.2	.5	1.7	2.7	5.8	2.2	1.0				
>= 26000	.6		.2		.8	1.5	3.4	1.0	.5				
>= 33000	.2				.3	.6	1.1	.4	.3				
>= 41000					.2		.4	.1	.1				
>= 52000					.1		.1						

STATION 03212500 LEVISA FORK AT PAINTSVILLE, KY. 1915-1916 1929-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 14	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
>= 18	99.9	98.5	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
>= 23	99.6	96.2	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	99.1
>= 30	99.0	93.7	99.6	100.	100.	100.	100.	100.	100.	100.	100.	99.5	95.6
>= 38	98.2	90.3	97.2	99.5	100.	100.	100.	100.	100.	100.	100.	99.2	92.0
>= 50	97.2	87.7	94.5	98.0	100.	100.	100.	100.	100.	100.	99.4	98.3	88.5
>= 64	95.9	82.0	91.5	97.1	99.5	100.	100.	100.	100.	100.	99.2	96.3	85.3
>= 82	94.4	76.7	88.3	96.3	99.1	99.7	100.	100.	99.9	99.8	99.0	93.2	81.5
>= 110	92.0	69.9	85.0	94.2	97.8	99.6	100.	100.	99.8	99.1	95.8	88.7	74.1
>= 140	89.3	62.4	81.6	91.3	95.9	99.4	100.	100.	99.7	97.3	92.8	83.6	68.2
>= 180	86.1	54.9	77.2	88.2	94.8	99.3	100.	100.	99.4	95.0	88.4	77.4	59.3
>= 230	82.0	47.8	70.5	84.3	93.4	99.1	100.	100.	99.0	89.3	82.6	69.5	50.0
>= 290	77.9	43.4	65.2	81.6	92.0	98.0	99.8	99.7	98.1	81.5	73.6	60.3	42.8
>= 370	72.1	36.6	57.9	77.0	90.2	96.8	99.8	99.3	93.5	72.8	61.9	50.7	30.2
>= 480	65.8	29.7	50.7	73.2	87.9	94.9	99.7	98.1	86.1	61.1	50.8	38.2	20.2
>= 620	60.3	25.4	45.4	68.1	84.4	93.0	98.5	96.3	78.1	49.7	40.0	31.5	14.8
>= 800	54.9	19.8	39.7	62.6	80.5	89.4	97.1	93.7	70.3	39.2	32.2	25.4	10.9
>= 1000	49.9	15.3	34.7	56.3	76.9	86.0	95.9	89.2	61.8	30.7	25.3	20.5	8.3
>= 1300	44.2	11.6	28.0	50.2	70.3	81.9	92.4	81.7	51.1	23.0	19.1	17.1	6.6
>= 1700	37.6	8.4	22.0	42.4	60.3	75.2	86.4	69.5	41.8	17.1	14.1	12.0	4.6
>= 2200	31.1	6.2	15.6	36.0	49.6	67.4	76.3	55.8	33.0	12.3	10.1	9.0	3.3
>= 2800	25.3	5.0	10.8	28.6	40.0	56.3	66.3	47.2	25.6	9.6	7.1	6.9	2.3
>= 3600	19.4	2.9	7.8	21.3	31.5	43.9	52.7	36.3	19.7	6.8	5.0	5.2	1.2
>= 4700	14.0	2.2	4.3	15.7	23.6	32.8	38.7	25.5	14.9	4.3	3.0	3.0	.9
>= 6000	10.0	1.4	3.3	10.7	17.2	22.1	28.6	19.1	11.0	2.7	1.8	2.0	.7
>= 7800	7.1	.7	1.8	7.3	12.7	15.4	22.2	12.6	7.7	2.1	1.2	1.4	.5
>= 10000	4.9	.2	1.0	4.7	9.4	11.0	16.2	8.9	4.7	1.1	.7	.7	.2
>= 13000	3.1	.1	.6	2.9	5.0	7.3	11.1	6.0	2.9	.5	.3	.4	
>= 17000	1.7		.1	1.4	2.7	4.1	6.7	3.8	1.3	.3	.2	.3	
>= 21000	1.0		.1	.4	1.4	3.0	4.5	1.8	.7				
>= 28000	.4				.5	1.7	2.2	.8	.3				
>= 35000	.1				.3	1.0	.6	.1	.1				
>= 46000					.2	.3	.3						

STATION 03215000 BIG SANDY RIVER AT LOUISA, KY. 1939-1949 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 44	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 55	99.8	97.7	100	100	100	100	100	100	100	100	100	100	100
>= 69	99.0	93.2	99.3	97.7	100	100	100	100	100	100	100	100	98.3
>= 87	97.8	88.4	96.3	94.5	100	100	100	100	100	100	100	100	94.3
>= 110	96.3	84.2	91.7	91.3	100	100	100	100	100	100	100	99.4	89.3
>= 140	94.2	74.8	90.0	89.7	100	100	100	100	100	100	100	94.2	82.7
>= 170	91.9	61.9	86.7	87.7	99.7	98.9	100	100	100	100	99.4	90.3	78.3
>= 220	87.2	46.8	74.0	85.5	96.8	98.6	100	100	99.7	99.3	96.1	81.9	68.3
>= 270	84.0	36.1	71.0	81.3	95.2	97.9	100	100	99.4	97.7	93.5	76.1	61.0
>= 340	80.1	31.3	55.0	77.4	93.9	97.9	100	100	98.7	95.3	87.7	70.3	55.3
>= 420	75.6	25.8	45.7	72.9	92.9	97.2	100	99.3	96.5	92.3	82.3	64.8	39.0
>= 530	71.2	22.9	35.0	68.7	89.7	96.8	100	99.3	92.3	88.3	72.6	58.7	31.3
>= 670	66.4	17.7	31.7	65.8	87.7	93.3	99.7	97.0	88.7	79.3	61.9	51.0	24.7
>= 840	61.6	12.9	28.7	62.3	84.8	88.7	99.0	95.7	85.2	64.7	55.5	43.2	19.3
>= 1100	55.7	8.4	24.7	58.1	79.4	81.6	98.4	94.7	78.7	51.7	47.1	34.2	13.0
>= 1300	52.9	7.4	23.7	55.2	77.4	80.5	97.1	93.7	72.6	42.7	44.2	31.6	9.7
>= 1700	47.2	6.5	21.3	50.6	71.9	75.5	92.9	91.0	61.6	31.3	36.1	22.9	6.3
>= 2100	42.1	4.8	17.7	41.3	69.4	70.2	90.0	88.0	50.3	22.3	27.7	20.3	4.0
>= 2600	36.7	3.2	14.7	37.4	61.9	61.7	86.5	83.7	38.1	17.0	19.0	17.1	2.0
>= 3300	31.4	2.3	11.3	32.3	49.0	57.1	79.4	72.7	31.6	13.7	14.8	12.6	1.3
>= 4100	25.2	.6	9.0	26.8	38.1	50.7	70.6	51.3	24.8	10.3	11.0	10.0	1.0
>= 5100	20.2	.3	6.7	21.0	32.6	43.3	58.7	42.0	16.5	7.0	8.1	7.7	.3
>= 6500	15.2	.3	4.0	16.5	22.6	36.2	48.7	29.7	11.3	5.0	4.5	5.2	
>= 8100	11.5		2.0	12.2	19.3	29.4	38.7	17.3	8.7	4.0	3.2	4.1	
>= 10000	8.8		.6	9.6	16.7	24.4	30.0	10.0	6.4	3.0	2.2	3.2	
>= 13000	5.8			3.8	11.9	18.4	20.9	6.3	2.9	2.0	1.9	2.2	
>= 16000	3.9			2.9	9.0	12.0	15.4	3.6	.9	1.6	.9	1.2	
>= 20000	2.5			1.6	6.4	7.0	10.0	2.3	.6	.6	.9	.9	
>= 25000	1.6			1.2	4.5	4.9	6.4	2.0		.3	.3		
>= 32000	.8			.3	1.9	2.4	4.1	1.6					
>= 40000	.4			.3	1.2	1.4	1.6	1.0					
>= 50000	.2			.3	.9	.7	.9	.3					
>= 62000					.3	.7							
>= 78000						.7							

STATION 03215000 BIG SANDY RIVER AT LOUISA, KY. 1951-1977 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 75	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 93	99.3	95.9	97.7	100	100	100	100	100	100	100	100	100	98.3
>= 110	98.9	93.4	96.7	100	100	100	100	100	100	100	100	100	96.5
>= 140	97.8	91.0	92.3	99.3	100	100	100	100	100	100	100	99.8	91.0
>= 180	96.5	87.1	90.4	98.5	99.6	100	100	100	100	100	100	97.1	85.8
>= 220	95.2	85.5	87.6	95.9	98.4	100	100	100	100	100	99.9	94.7	81.3
>= 270	93.1	78.8	84.9	93.3	97.9	100	100	100	100	100	97.9	90.2	74.7
>= 330	89.8	68.2	82.1	90.8	96.3	100	100	100	100	98.3	94.5	82.8	65.1
>= 410	85.8	57.9	75.9	89.0	94.2	100	100	100	100	95.8	87.5	74.9	55.3
>= 510	81.3	48.4	70.5	86.2	92.8	99.7	100	100	100	90.1	78.3	65.5	45.5
>= 630	76.6	40.9	63.2	82.1	91.5	99.5	100	100	99.8	83.3	69.6	55.6	35.3
>= 770	72.2	34.4	57.7	78.5	91.3	99.2	100	100	98.9	74.2	60.2	47.6	26.5
>= 960	67.3	27.6	52.2	74.7	90.3	97.8	100	100	94.8	67.1	49.6	37.5	18.3
>= 1200	62.3	21.6	46.0	69.5	88.1	97.0	99.1	98.8	88.1	59.2	39.8	29.2	13.3
>= 1500	57.6	17.2	41.4	65.8	86.8	95.2	97.9	97.3	80.0	48.6	30.8	22.5	10.3
>= 1800	53.6	13.4	36.9	60.5	85.1	93.1	97.3	95.1	73.8	39.7	25.1	18.1	8.5
>= 2200	49.8	10.4	32.3	56.8	80.9	90.2	96.3	92.8	65.8	32.2	20.5	15.3	7.1
>= 2800	44.3	7.8	24.4	50.2	74.5	86.1	93.5	86.3	55.8	22.4	16.1	11.3	5.5
>= 3400	39.0	6.5	20.9	41.8	66.5	80.8	88.1	76.3	49.3	16.3	12.4	8.9	3.5
>= 4200	32.9	5.1	13.6	35.1	55.7	73.6	79.4	65.1	40.8	11.8	8.7	6.3	2.2
>= 5200	26.7	4.1	8.8	28.0	43.5	62.7	69.7	53.5	32.1	8.6	6.2	4.2	1.3
>= 6400	20.7	3.2	6.8	23.1	34.4	47.2	56.2	41.8	24.4	4.7	4.0	3.1	.8
>= 8000	15.7	2.4	3.8	17.2	27.4	36.6	42.8	32.6	20.0	3.2	1.4	1.2	.8
>= 9800	12.0	1.2	2.9	14.2	20.7	27.3	34.4	24.3	15.5	2.1	.6	.8	.6
>= 12000	9.3	.9	2.0	11.4	16.5	20.2	29.0	18.0	12.5	1.5	.2	.4	.2
>= 15000	6.7	.4	1.0	8.4	11.6	14.4	21.8	13.3	8.6	1.1		.4	.1
>= 19000	4.5	.2	.8	5.7	7.6	10.2	15.6	8.0	5.8	.3		.1	.1
>= 23000	2.9	.2	.3	3.4	4.3	6.6	12.2	4.4	3.4	.3		.1	
>= 28000	2.0	.1	.3	1.7	2.5	4.8	9.4	2.8	1.7	.1			
>= 35000	1.2		.3	.6	1.1	3.2	6.2	1.7	1.2	.1			
>= 43000	.8		.3	.2	.7	2.5	4.4	.8	.7				
>= 54000	.3		.1		.6	.8	1.8	.3	.2				
>= 66000	.1				.3	.4	.8		.2				
>= 82000					.1		.1						

STATION 03215000 BIG SANDY RIVER AT LOUISA, KY. 1939-1977 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 44	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 55	99.9	99.4	100	100	100	100	100	100	100	100	100	100	100
>= 69	99.7	98.2	99.8	99.4	100	100	100	100	100	100	100	100	99.5
>= 87	99.1	94.7	98.0	98.5	100	100	100	100	100	100	100	100	97.7
>= 110	98.2	91.1	95.4	97.6	100	100	100	100	100	100	100	99.8	94.7
>= 140	96.9	86.9	91.9	96.7	100	100	100	100	100	100	100	98.3	89.0
>= 170	95.6	81.1	89.7	95.7	99.9	99.7	100	100	100	100	99.8	95.9	85.1
>= 220	93.2	75.5	84.2	93.2	98.0	99.6	100	100	99.9	99.8	98.9	91.4	78.3
>= 270	90.8	68.0	81.5	90.2	97.2	99.4	100	100	99.8	99.4	96.8	86.7	71.7
>= 340	87.0	57.7	75.0	87.2	95.1	99.4	100	100	99.7	97.5	92.1	78.7	62.8
>= 430	82.8	48.6	66.9	84.7	93.7	99.2	100	99.8	99.0	95.0	85.3	71.5	50.6
>= 540	78.0	39.5	60.4	81.2	92.0	98.9	100	99.8	97.8	88.2	75.4	62.9	41.1
>= 680	73.1	33.0	53.5	77.3	90.8	97.6	99.9	99.2	96.7	80.1	66.2	53.4	31.7
>= 850	68.2	26.4	48.6	73.8	89.7	95.6	99.7	98.8	93.9	69.4	56.4	43.8	23.7
>= 1100	62.5	20.2	42.3	68.1	86.7	93.4	99.3	98.3	88.0	60.3	45.8	33.1	16.6
>= 1300	59.1	16.7	38.6	65.6	85.2	92.2	98.3	97.0	83.3	53.3	40.4	28.3	13.7
>= 1700	53.2	12.2	33.9	60.0	82.5	89.0	96.3	94.4	72.5	40.5	29.2	20.6	9.9
>= 2100	48.8	9.2	29.4	54.0	79.3	85.6	95.0	91.0	63.8	32.1	23.8	17.0	7.7
>= 2700	43.0	6.6	22.5	47.9	72.2	79.9	91.6	85.1	53.0	23.2	18.0	3.2	5.7
>= 3400	37.1	5.3	18.6	40.1	62.3	74.3	84.8	73.7	45.5	16.8	13.3	9.2	3.9
>= 4200	31.0	3.9	12.6	33.7	51.9	67.0	76.4	60.2	36.8	12.6	9.7	7.1	2.7
>= 5300	24.6	3.0	8.0	26.4	40.5	56.6	65.1	48.2	27.0	8.6	6.9	4.8	1.7
>= 6700	18.6	2.2	6.0	20.6	31.1	42.9	51.9	36.0	20.1	5.5	3.7	3.3	1.3
>= 8400	13.8	1.3	3.1	15.2	25.0	32.7	39.5	25.5	16.1	3.7	2.0	1.9	.9
>= 11000	9.8	.6	2.0	11.1	18.2	23.2	29.3	17.2	11.5	2.3	1.1	1.3	.5
>= 13000	7.6	.5	.9	8.6	14.2	18.5	23.8	13.0	8.7	1.8	.7	.9	.4
>= 17000	5.0	.3	.6	5.7	10.2	12.0	16.3	8.3	5.5	.8	.4	.6	.1
>= 21000	3.2	.1	.3	3.6	5.9	7.9	11.6	4.5	3.1	.3	.3	.3	
>= 26000	2.1		.2	2.0	3.7	5.6	8.8	2.8	1.9	.1			
>= 33000	1.7		.2	.6	1.9	3.6	6.2	1.9	.9				
>= 41000	.7		.2	.2	.9	2.5	3.8	1.0	.5				
>= 52000	.3				.6	1.4	1.9	.4	.1				
>= 65000	.1				.3	.7	.6		.1				

STATION 03215500 ELAINE CREEK AT YATESVILLE, KY. 1916-1975

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 0.0	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 0.1	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 0.2	99.9	100	100	100	100	100	100	100	100	100	100	100	99.3
>= 0.3	99.9	100	100	100	100	100	100	100	100	100	100	100	98.9
>= 0.4	99.8	99.9	100	100	100	100	100	100	100	100	100	100	98.3
>= 0.6	99.6	99.2	99.9	100	100	100	100	100	100	100	100	100	96.7
>= 0.8	99.3	97.3	93.9	100	100	100	100	100	100	100	100	100	95.4
>= 1.2	98.5	93.1	97.1	99.4	100	100	100	100	100	100	100	99.4	93.4
>= 1.6	97.6	88.2	94.8	98.5	100	100	100	100	100	99.8	99.8	98.8	92.0
>= 2.3	95.9	81.5	91.5	97.0	99.6	100	100	100	100	99.8	99.7	97.4	84.8
>= 3.3	92.4	72.0	86.2	93.8	98.4	99.7	100	100	100	99.6	98.3	90.8	71.9
>= 4.7	89.5	61.7	84.0	91.6	96.8	99.7	100	100	100	99.5	96.0	84.7	62.8
>= 6.7	85.6	52.8	78.6	90.0	95.5	99.6	100	100	99.4	97.9	91.6	72.5	52.4
>= 9.5	80.9	43.3	72.6	87.6	95.3	99.	100	100	98.9	92.4	81.1	61.7	42.7
>= 14.0	75.6	35.6	61.3	82.8	94.5	99.4	100	100	98.5	85.5	71.0	49.0	35.9
>= 19.0	70.3	27.8	52.8	78.5	93.3	98.1	99.8	100	96.9	76.7	60.2	38.9	28.5
>= 27.0	64.5	20.8	42.1	74.1	91.3	95.8	99.1	100	93.5	65.5	49.3	31.0	20.4
>= 39.0	58.3	14.1	33.9	67.1	88.6	93.1	99.0	99.5	85.8	52.4	38.0	23.2	14.9
>= 55.0	52.8	9.3	29.5	59.3	85.2	90.4	97.8	96.7	74.7	40.6	30.9	18.5	10.6
>= 78.0	47.5	6.6	25.3	51.9	90.1	87.2	93.6	91.5	65.1	31.1	24.5	14.9	8.2
>= 110.0	40.9	4.8	19.8	44.5	69.4	80.1	89.8	80.7	52.7	22.0	18.9	11.8	6.0
>= 160.0	33.0	3.5	14.6	35.7	55.1	71.0	79.8	63.1	39.4	14.9	14.9	9.0	4.3
>= 220.0	26.1	3.0	10.6	28.7	42.8	59.2	67.8	48.9	28.7	10.7	11.8	6.0	3.5
>= 320.0	18.9	1.7	7.0	20.3	31.8	45.6	50.2	34.5	20.3	6.9	7.4	4.2	2.6
>= 450.0	13.2	.8	4.4	14.4	22.0	31.3	37.7	23.7	14.0	4.6	5.4	2.8	1.5
>= 640.0	8.6	.6	2.7	9.8	14.6	19.8	23.3	15.8	8.9	2.9	4.2	1.9	.8
>= 910.0	5.5	.5	2.0	5.6	9.7	12.2	15.2	9.5	5.9	2.0	2.7	1.6	.7
>= 1300.0	3.3	.2	.7	3.7	5.7	7.1	9.1	6.4	3.0	1.6	1.4	1.0	.5
>= 1800.0	2.2	.1	.5	2.8	3.7	4.7	5.8	4.5	1.9	1.3	.9	.6	.4
>= 2600.0	1.1	.1	.2	1.4	1.4	3.0	3.6	2.2	.9	.7		.3	.2
>= 3700.0	.6			.7	1.1	1.5	2.0	.8	.5	.3		.3	.1
>= 5300.0	.2			.3	.2	.9	.6	.1	.1	.1		.1	
>= 7500.0						.3	.1						
>= 11000.0													

STATION 03216000 OHIO RIVER AT ASHLAND, KY. 1939-1975 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 3760	99.7	100	100	100	100	100	100	100	100	95.9	100	100	100
>= 4400	99.7	99.3	100	100	100	100	100	100	100	95.9	100	100	100
>= 5100	99.7	99.3	100	100	100	100	100	100	100	95.9	100	99.8	99.8
>= 5900	99.6	97.3	100	100	100	100	100	100	100	95.9	100	99.6	99.5
>= 6900	99.3	95.3	100	100	100	100	100	100	100	95.9	100	97.6	96.8
>= 8100	98.5	89.6	100	100	100	100	100	100	100	95.9	100	95.3	89.7
>= 9400	97.7	81.9	99.6	99.8	100	100	100	100	100	95.9	99.6	93.1	83.3
>= 11000	96.2	72.7	98.1	99.6	100	100	100	100	100	95.9	97.3	86.7	72.5
>= 13000	94.2	60.8	94.1	98.9	99.5	100	100	100	100	95.7	94.3	80.4	56.8
>= 15000	91.7	45.9	88.9	97.4	99.5	99.9	100	100	99.7	95.6	89.1	73.3	44.2
>= 17000	90.2	37.5	86.0	96.7	98.7	99.7	100	100	99.1	94.0	85.9	67.7	41.8
>= 20000	87.9	29.3	80.3	95.2	96.5	98.8	100	100	98.8	90.7	81.1	59.1	37.6
>= 23000	85.5	24.8	74.6	93.8	93.3	98.1	100	99.9	97.8	87.4	75.6	50.8	33.4
>= 27000	82.9	19.9	67.3	91.0	92.0	96.8	99.2	99.9	97.1	84.3	67.4	45.2	28.5
>= 32000	79.2	16.6	57.4	85.1	89.7	91.9	98.9	99.4	95.1	81.5	59.7	39.4	21.1
>= 37000	75.1	14.1	50.7	80.3	85.5	89.3	97.0	98.3	91.9	72.6	49.2	32.3	17.7
>= 43000	70.3	10.9	44.6	74.6	78.3	86.8	95.9	96.6	82.2	66.7	40.8	27.7	15.5
>= 50000	66.3	9.7	40.9	68.1	73.5	84.0	94.9	93.9	77.7	60.7	32.6	20.9	14.0
>= 59000	60.8	7.4	35.6	61.9	67.4	78.0	93.1	88.7	70.3	48.0	27.3	17.0	10.3
>= 68000	56.3	6.0	32.5	55.7	61.8	73.8	90.2	86.0	62.4	41.8	21.2	13.1	9.8
>= 80000	50.7	4.2	28.3	47.8	57.1	67.6	84.7	81.4	54.2	34.9	14.5	9.5	8.8
>= 93000	45.1	2.7	24.5	42.0	50.2	60.6	77.6	74.9	46.7	29.0	11.8	6.2	7.6
>= 110000	39.0	1.0	17.4	34.4	44.7	55.5	71.4	65.1	38.6	23.0	8.0	4.3	5.7
>= 130000	31.4		11.0	25.6	37.8	48.2	61.7	52.3	27.7	14.9	5.4	3.4	3.4
>= 150000	24.4		5.5	18.6	28.7	39.3	51.9	41.4	19.2	11.7	3.7	2.5	1.7
>= 170000	19.0		1.5	13.3	22.7	32.4	41.2	33.5	13.5	8.3	2.7	1.5	.9
>= 200000	12.9		.5	9.0	14.7	21.8	31.0	22.8	7.5	5.5	1.0	.8	.7
>= 230000	8.7		.5	6.0	9.6	13.7	24.2	14.2	5.2	3.3	.4		
>= 270000	5.8		.5	4.0	5.5	9.0	17.9	8.7	3.6	1.9			
>= 310000	3.8		.3	2.9	3.6	5.0	12.4	5.4	2.5	.8			
>= 370000	1.9		.1	1.4	1.9	2.0	7.0	2.0	1.4	.5			
>= 430000	.9			1.0	1.0	.8	3.5	.9	.5				
>= 500000	.2				.5	.2	1.0	.4					

STATION 03216350 LITTLE SANDY RIVER BELOW GRAYSON DAM, NEAR LEON, KY. 1969-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 6.0	99.8	100	100	98.7	99.0	100	100	100	100	100	100	100	100
>= 7.2	99.8	99.4	100	98.7	99.0	100	100	100	100	100	100	100	100
>= 8.7	99.8	99.4	100	98.7	99.0	100	100	100	100	100	100	100	100
>= 10.0	99.7	99.4	99.7	98.7	99.0	100	100	100	100	100	100	100	100
>= 13.0	99.6	98.7	99.7	98.4	99.0	100	100	100	100	100	100	100	100
>= 15.0	99.4	98.4	99.3	96.5	99.0	100	100	100	100	99.3	100	100	100
>= 18.0	97.5	96.1	96.0	93.2	98.7	99.3	100	91.7	97.7	98.3	100	98.4	100
>= 22.0	92.7	93.9	92.7	88.4	90.0	95.0	95.8	90.3	97.1	91.7	87.1	90.6	100
>= 27.0	85.9	90.3	88.7	79.4	89.4	95.0	95.8	83.7	96.1	83.3	79.4	65.5	85.3
>= 32.0	75.0	88.1	83.3	77.7	87.4	95.0	93.2	73.7	81.9	52.3	48.4	42.3	78.0
>= 38.0	67.3	80.3	78.7	76.8	85.5	94.7	90.3	62.3	80.6	42.3	26.8	33.9	57.3
>= 46.0	62.0	77.7	78.0	73.5	76.1	90.4	88.1	56.3	75.5	23.7	19.7	31.3	55.3
>= 56.0	59.1	76.1	77.7	67.7	75.2	88.3	83.9	54.3	66.5	22.3	18.4	30.6	50.3
>= 67.0	55.8	69.4	75.7	63.5	71.6	86.9	80.3	53.7	62.9	21.0	14.8	27.4	44.3
>= 81.0	52.2	58.7	72.0	60.6	71.6	84.4	78.1	50.0	59.4	17.3	14.2	24.2	37.3
>= 97.0	47.7	51.9	55.0	52.6	69.0	84.4	74.2	47.3	57.7	15.3	13.5	24.2	29.0
>= 120.0	41.8	36.1	47.7	48.4	62.6	73.8	66.8	44.3	52.6	14.0	13.2	19.7	24.3
>= 140.0	36.6	27.7	39.7	47.1	59.4	72.0	63.2	38.3	45.2	10.7	11.9	11.3	14.7
>= 170.0	32.1	19.7	31.7	42.6	51.6	66.3	61.3	35.3	41.9	8.7	6.8	9.0	12.0
>= 200.0	29.6	16.5	28.3	40.6	48.4	63.8	56.5	31.7	39.0	8.0	6.1	7.4	10.7
>= 250.0	24.1	11.3	21.7	33.5	41.0	46.1	46.5	29.7	35.5	6.3	5.5	5.8	7.7
>= 300.0	21.6	9.0	18.3	30.6	36.5	42.6	42.9	28.0	29.7	6.0	5.2	4.8	6.3
>= 360.0	17.9	4.2	14.0	24.5	32.6	34.8	34.2	26.3	27.1	5.7	4.2	2.9	5.0
>= 430.0	15.9	3.5	13.6	20.3	29.6	29.4	31.9	25.0	24.5	5.0	3.5	1.9	3.0
>= 520.0	13.7	3.5	10.6	17.4	24.1	25.5	29.3	23.3	21.2	3.0	3.2	.9	3.0
>= 620.0	11.5	2.5	6.0	14.1	21.5	23.7	24.1	20.6	18.0	2.3	2.9	.3	1.6
>= 750.0	9.6	1.9	4.3	10.6	20.0	21.6	20.6	17.6	14.5	1.6	2.5		1.3
>= 900.0	7.2	1.9	1.6	8.3	13.2	17.3	14.1	15.3	10.9	1.3	1.9		1.3
>= 1100.0	5.3	1.2	1.3	7.0	8.0	12.0	10.3	13.6	7.0	1.3	1.9		
>= 1300.0	3.9	1.2	1.0	6.4	4.5	7.0	8.3	12.0	4.5	1.0	1.9		
>= 1600.0	2.4	.9	.3	2.9	3.5	2.4	4.8	8.3	3.5	1.0	1.9		
>= 1900.0	1.7		.3	2.2	1.5	1.4	3.8	5.6	2.9	1.0	1.6		
>= 2300.0	.7			.6	1.6	.3	2.9	2.0	.9	.3	.6		
>= 2800.0					.3								

STATION 03216350 LITTLE SANDY RIVER BELOW GRAYSON DAM, NEAR LEON, KY. 1967-1978 HISTORICAL 35

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 1.1	99.7	100	100	98.9	99.2	100	100	100	100	98.9	100	100	100
>= 1.5	99.7	100	100	98.9	98.9	100	100	100	100	98.9	100	99.2	100
>= 2.0	99.4	100	100	98.9	98.9	100	100	100	100	98.6	100	97.6	98.9
>= 2.5	99.3	100	100	98.9	98.9	100	100	100	100	98.6	100	97	98.3
>= 3.2	99.0	99.2	100	98.9	98.9	100	100	100	100	98.6	100	96.8	96.1
>= 4.1	98.6	97.0	100	98.9	98.9	100	100	100	100	98.6	99.7	96.5	93.9
>= 5.2	98.5	97.0	100	98.9	98.9	100	100	100	100	98.6	99.2	96.2	93.3
>= 6.7	98.0	93.5	100	98.9	98.9	100	100	100	100	98.6	98.1	95.2	92.5
>= 8.6	97.5	92.5	98.6	98.9	98.9	100	100	100	100	98.3	97.6	94.6	91.1
>= 11.0	96.9	91.1	97.2	98.9	98.9	100	100	100	100	98.3	94.6	93.0	90.6
>= 14.0	96.1	90.1	95.8	97.3	98.9	100	100	100	100	96.9	92.2	92.5	90.3
>= 18.0	94.0	87.4	92.5	94.4	98.7	99.1	100	93.1	98.1	95.0	90.6	90.9	88.9
>= 23.0	88.4	82.3	88.3	87.9	91.4	95.0	94.4	91.9	97.3	88.3	76.6	80.4	87.2
>= 29.0	79.9	79.3	84.2	82.0	90.1	93.8	93.5	85.8	96.8	65.6	57.0	60.8	71.4
>= 38.0	66.3	69.0	75.6	80.6	87.6	92.0	89.0	68.6	82.3	43.9	24.7	34.4	48.6
>= 48.0	60.0	67.2	73.1	76.6	79.3	87	85.8	63.3	75.3	26.9	16.4	26.6	44.2
>= 61.0	56.8	65.1	70.3	72.0	76.3	84.7	81.7	61.7	65.1	24.7	15.3	25.3	40.8
>= 78.0	52.3	56.5	66.7	66.1	70.4	81.7	79.6	58.3	60.8	21.7	12.4	21.0	34.7
>= 100.0	45.5	43.5	47.8	55.6	66.1	79.9	74.7	54.4	55.4	16.1	11.3	19.9	23.3
>= 130.0	37.7	26.9	38.9	49.5	56.5	71.7	67.5	47.2	46.2	13.3	10.5	12.9	13.3
>= 160.0	33.2	18.8	31.7	46.0	50.3	66.7	65.1	42.5	43.0	9.4	7.8	7.8	10.8
>= 210.0	27.7	12.6	25.8	39.0	44.4	53.1	57.3	35.3	39.0	8.1	5.1	5.6	8.1
>= 270.0	22.3	8.9	18.3	31.7	33.3	39.2	50.0	31.4	34.1	6.4	4.3	4.8	6.1
>= 340.0	18.2	4.8	13.0	26.0	29.3	32.1	41.1	28.6	27.9	5.8	3.7	3.2	4.1
>= 440.0	15.0	3.2	11.1	20.4	24.4	25.0	33.8	26.3	24.7	4.7	2.9	1.6	2.5
>= 560.0	12.3	2.9	8.3	15.3	19.0	20.6	29.3	23.0	20.6	3.3	2.6	.5	2.2
>= 720.0	9.6	1.6	3.8	10.7	16.6	18.5	23.9	18.3	16.1	2.5	2.1		1.1
>= 920.0	6.9	1.3	1.6	8.0	10.7	13.5	17.7	14.1	11.8	1.6	1.6		1.1
>= 1200.0	4.6	1.0	.8	6.7	5.1	7.0	13.4	11.6	6.7	1.6	1.6		
>= 1500.0	3.0	1.0	.2	3.2	3.2	2.0	9.4	8.3	5.9	1.3	1.6		
>= 1900.0	1.9		.2	2.4	1.6	1.1	6.4	5.0	4.0	1.3	1.3		
>= 2500.0	.5			.5	1.0		2.9	.5	1.0				
>= 3100.0	.1						.8	.2	.5				
>= 4000.0							.2		.2				

STATION 03216400 LITTLE SANDY RIVER AT LEON, KY. 1962-1967 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 1.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 2.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.7
>= 2.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	92.8
>= 3.5	98.3	94.1	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	87.2
>= 4.5	96.3	88.7	92.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5	75.6
>= 5.8	92.9	78.5	80.6	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.2	65.0
>= 7.5	88.9	62.4	76.1	89.8	98.4	100.0	100.0	100.0	100.0	97.8	100.0	87.1	55.0
>= 9.7	86.0	58.1	74.4	86.6	97.8	100.0	100.0	100.0	100.0	94.4	91.4	80.6	48.9
>= 13.0	81.7	52.7	71.1	85.5	97.8	100.0	100.0	100.0	100.0	86.7	77.4	69.9	40.6
>= 16.0	78.5	44.1	69.4	84.9	97.8	100.0	100.0	100.0	100.0	80.0	68.3	64.0	35.0
>= 21.0	73.7	40.3	66.7	83.9	97.3	100.0	100.0	100.0	99.5	60.6	57.0	51.1	29.4
>= 27.0	67.7	33.9	61.7	79.0	97.3	100.0	100.0	100.0	91.4	41.7	47.3	38.7	22.8
>= 35.0	60.8	26.3	51.7	73.1	95.2	100.0	99.5	100.0	81.7	26.7	36.6	26.3	15.0
>= 45.0	57.1	20.4	46.7	67.2	93.5	97.6	99.5	100.0	76.9	19.4	31.7	19.9	13.9
>= 59.0	52.3	17.7	38.9	59.1	87.6	94.1	99.5	97.2	68.8	12.8	26.3	15.6	11.7
>= 76.0	46.8	12.9	31.1	51.6	80.1	92.3	99.5	89.4	57.5	8.3	21.0	10.8	9.4
>= 98.0	42.4	9.7	25.6	48.4	73.7	90.5	96.8	81.7	46.8	5.6	16.1	8.1	8.3
>= 130.0	36.9	7.5	21.7	44.1	62.4	84.6	92.5	71.1	37.1	1.1	12.4	4.8	6.1
>= 160.0	33.4	6.5	19.4	40.3	52.7	80.5	88.2	65.0	31.2	.6	9.1	4.8	5.0
>= 210.0	29.1	4.3	16.1	35.5	43.0	70.4	84.4	60.6	25.3		7.0	1.6	3.3
>= 280.0	23.1	3.2	9.4	31.7	30.1	48.5	75.3	52.2	21.5		5.4	.5	.6
>= 360.0	18.9	2.2	6.1	26.3	22.0	39.1	68.8	42.2	17.2		3.8		.6
>= 460.0	14.9	1.6	2.8	21.0	16.7	29.6	56.5	34.4	12.9		3.2		.6
>= 600.0	11.1	.5	2.2	16.1	13.4	21.8	41.9	25.5	10.7		2.1		
>= 770.0	8.7	.5	.5	13.4	8.0	15.3	34.9	20.0	10.2		1.6		
>= 1000.0	6.4		.5	10.2	5.3	11.2	26.3	16.1	7.5				
>= 1300.0	4.4			7.5	3.7	5.9	17.2	12.2	6.4				
>= 1700.0	3.2			3.2	1.6	5.9	14.5	9.4	4.8				
>= 2200.0	2.3			1.6	1.0	3.5	12.3	5.5	4.3				
>= 2800.0	1.5			.5	.5	2.9	7.5	2.7	3.7				
>= 3600.0	1.0					2.3	6.4	2.2	1.0				
>= 4700.0	.3					1.7	2.1		.5				
>= 6100.0	.1					1.1	.5						
>= 7800.0						1.1							

STATION 03216400 LITTLE SANDY RIVER AT LEON, KY. 1969-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 8.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 10.0	99.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 13.0	99.8	98.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 15.0	99.6	97.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 18.0	99.2	95.2	95.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 22.0	98.5	92.9	94.3	95.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	99.7	100.0
>= 26.0	97.4	92.3	94.3	90.0	98.4	100.0	100.0	100.0	99.7	98.7	98.7	97.1	100.0
>= 31.0	91.5	90.6	91.0	87.4	97.1	100.0	100.0	98.7	99.0	90.3	77.1	75.8	91.3
>= 37.0	84.9	89.0	83.0	86.1	95.8	100.0	100.0	95.7	98.7	73.3	61.3	58.7	78.7
>= 45.0	75.8	79.7	79.3	81.9	94.2	100.0	100.0	88.7	86.1	54.0	39.0	44.2	64.0
>= 54.0	70.7	78.7	79.3	78.7	91.6	98.6	99.0	85.7	81.9	33.3	29.7	38.7	54.3
>= 65.0	65.9	74.8	78.7	76.8	81.0	95.7	96.5	74.0	77.4	27.0	25.2	36.1	49.3
>= 78.0	61.6	71.6	75.0	72.3	80.0	94.7	91.0	66.3	69.4	25.0	21.9	30.3	43.0
>= 93.0	55.8	55.8	66.7	67.7	77.4	92.2	84.5	61.7	64.8	21.7	18.7	28.7	31.0
>= 110.0	51.3	50.0	52.3	60.3	75.5	88.7	84.5	56.7	63.2	18.7	14.8	25.5	27.0
>= 130.0	47.4	35.8	49.7	58.1	73.9	87.2	81.6	54.0	59.7	17.0	13.9	21.9	18.0
>= 160.0	40.9	25.8	40.0	52.3	67.4	77.0	71.0	48.7	52.3	14.3	12.6	16.5	15.3
>= 190.0	37.5	20.3	35.3	50.0	64.2	75.2	67.7	44.7	47.1	13.0	10.3	11.8	13.0
>= 230.0	32.3	15.5	29.3	44.5	55.5	67.7	61.3	39.3	41.9	10.3	6.8	8.1	9.3
>= 280.0	28.1	11.0	26.0	39.7	47.1	58.2	53.9	33.7	38.7	9.3	6.8	6.8	8.0
>= 330.0	24.8	6.1	22.0	35.2	42.9	50.7	49.4	32.0	35.5	7.7	5.5	5.2	6.7
>= 400.0	21.2	4.2	17.0	29.7	39.0	40.4	44.2	29.0	30.3	6.7	5.5	3.5	5.3
>= 480.0	18.3	3.9	13.7	23.9	34.5	34.8	37.1	28.7	26.8	6.0	4.2	2.6	4.3
>= 580.0	16.1	3.5	12.0	20.0	30.9	30.1	33.8	26.3	23.5	5.3	3.8	1.6	3.6
>= 690.0	13.9	3.2	8.0	17.4	25.8	26.9	29.6	25.0	21.2	4.0	3.5		3.3
>= 830.0	11.6	2.5	5.3	14.8	22.9	23.0	24.8	22.3	17.4	2.0	3.2		2.3
>= 1000.0	9.6	2.2	3.3	11.2	19.6	20.5	20.0	19.3	13.8	2.0	2.5		1.6
>= 1200.0	7.3	1.9	2.0	9.0	12.5	14.1	15.4	17.3	11.8	2.0	2.2		
>= 1400.0	5.3	1.6	1.0	8.0	6.7	9.9	11.6	14.3	7.0	1.6	1.9		
>= 1700.0	3.4	1.2	.6	4.1	4.8	3.9	8.0	10.3	4.8	1.0	1.9		
>= 2100.0	1.8	.3	.3	2.5	2.9	1.4	4.1	4.6	2.5	1.0	1.6		
>= 2500.0	.6			.6	2.2		1.6	1.3	1.2				
>= 3000.0					.3		.3	.3					
>= 3600.0								.3					

STATION 03216400 LITTLE SANDY RIVER AT LEON, KY. 1962-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 1.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 2.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.8
>= 2.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.5
>= 3.5	99.4	97.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.5
>= 4.5	98.7	95.8	97.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	91.4
>= 5.8	97.3	90.7	93.1	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.3	87.6
>= 7.5	95.7	82.7	91.6	96.4	99.4	100.0	100.0	100.0	100.0	99.2	100.0	95.4	84.1
>= 9.7	94.7	80.6	91.0	95.3	99.2	100.0	100.0	100.0	100.0	98.0	97.0	93.2	81.8
>= 13.0	92.8	76.7	87.6	94.9	99.2	100.0	100.0	100.0	100.0	95.3	91.8	89.4	78.6
>= 16.0	91.2	72.9	85.1	94.1	99.2	100.0	100.0	100.0	100.0	92.9	87.7	87.3	75.9
>= 21.0	88.9	69.4	82.5	92.6	99.1	100.0	100.0	100.0	99.8	86.1	82.9	82.5	72.2
>= 27.0	85.4	66.0	79.6	86.5	97.9	99.6	100.0	100.0	96.6	78.2	77.6	75.0	68.2
>= 35.0	76.4	61.7	70.0	82.4	95.8	99.4	98.1	97.8	92.8	59.8	53.5	52.4	54.9
>= 45.0	68.4	54.1	64.5	77.8	94.3	97.5	97.9	93.3	83.7	42.7	35.5	38.0	42.5
>= 59.0	61.6	51.2	61.2	72.9	86.0	92.9	96.6	87.8	76.1	25.9	26.4	29.6	34.3
>= 76.0	55.8	46.7	55.9	67.2	81.0	91.0	93.2	76.9	64.1	21.6	20.9	23.7	29.0
>= 98.0	49.4	35.5	46.9	61.1	75.3	87.9	87.7	69.6	56.5	17.6	16.3	20.5	20.2
>= 130.0	42.8	23.7	37.1	52.9	67.9	83.1	84.4	62.7	50.1	13.1	12.9	15.2	12.7
>= 160.0	37.6	17.5	30.6	47.4	60.3	75.4	76.7	57.5	43.3	11.0	11.0	11.8	10.8
>= 210.0	32.4	12.1	24.5	43.3	52.8	68.1	71.7	52.2	37.0	8.4	7.4	5.7	7.8
>= 280.0	25.9	7.6	18.8	36.2	40.0	51.3	62.0	42.7	31.9	6.7	5.9	4.4	4.9
>= 360.0	21.4	4.0	13.5	30.6	31.9	41.9	56.2	36.7	27.5	4.9	4.6	2.7	3.9
>= 460.0	17.2	3.0	9.4	23.0	26.6	31.5	46.3	32.4	22.0	4.1	3.8	1.5	3.1
>= 600.0	13.9	2.2	7.2	17.4	22.2	25.2	37.9	27.2	18.4	3.7	3.0	.7	2.1
>= 770.0	11.0	1.8	4.1	14.0	16.3	19.5	31.4	22.7	16.5	2.1	2.4		1.7
>= 1000.0	8.4	1.3	2.1	10.2	13.4	16.0	23.7	18.2	11.7	1.7	1.5		.9
>= 1300.0	5.6	1.1	.7	7.5	6.8	10.0	16.6	14.5	7.9	1.5	1.1		
>= 1700.0	3.3	.7	.3	3.6	3.4	4.3	11.3	9.8	4.9	.9	1.1		
>= 2200.0	1.6			1.7	1.8	1.6	7.0	4.1	2.8	.1	.3		
>= 2800.0	.6			.1	1.1	1.0	2.8	1.3	1.5				
>= 3600.0	.3					.8	2.2	.9	.3				
>= 4700.0	.1					.6	.7		.1				
>= 6100.0						.4	.1						
>= 7800.0						.4							

STATION 03216500 LITTLE SANDY RIVER AT GRAYSON, KY. 1938-1967 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 1.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 2.1	99.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.4
>= 2.8	99.6	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	97.6
>= 3.7	99.1	94.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5	95.8
>= 5.0	97.7	89.4	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	98.6	88.5
>= 6.6	95.4	78.5	94.4	98.9	100.0	100.0	100.0	100.0	100.0	100.0	99.6	94.5	79.6
>= 8.8	92.4	68.5	88.6	94.9	99.5	99.6	100.0	100.0	100.0	100.0	97.9	89.5	70.6
>= 12.0	88.9	59.0	82.3	91.6	98.1	99.5	100.0	100.0	100.0	99.9	94.7	81.7	60.1
>= 15.0	85.4	50.3	73.6	88.2	97.0	99.5	100.0	100.0	100.0	98.6	89.0	77.2	52.0
>= 21.0	81.1	41.0	67.4	87.1	96.0	99.4	100.0	100.0	100.0	93.1	79.9	67.8	42.6
>= 27.0	77.2	31.9	61.6	86.1	94.7	99.3	100.0	100.0	99.4	86.5	71.9	59.8	36.6
>= 36.0	72.2	23.9	54.4	84.1	92.9	98.0	100.0	100.0	98.4	77.2	62.0	48.4	29.2
>= 48.0	66.5	16.5	44.8	78.5	91.7	94.6	98.7	100.0	95.3	63.7	53.9	39.2	23.1
>= 64.0	60.9	11.5	37.2	69.8	90.0	91.5	98.6	100.0	90.3	50.1	45.3	31.9	16.8
>= 85.0	55.7	8.4	31.1	61.1	85.7	88.4	97.7	98.9	81.5	41.4	39.0	25.4	12.4
>= 110.0	51.2	7.3	26.2	55.4	81.2	86.9	96.8	94.2	71.9	33.5	33.5	20.7	10.0
>= 150.0	45.4	4.4	21.4	48.4	72.2	83.7	93.0	88.4	60.9	25.4	27.3	16.1	7.5
>= 200.0	39.8	2.7	16.9	41.3	62.9	78.2	90.2	81.5	48.9	18.4	22.9	12.1	5.8
>= 260.0	34.8	2.2	13.6	34.2	54.2	72.8	84.6	72.7	39.6	15.2	19.0	9.3	4.5
>= 350.0	28.7	1.4	10.1	28.3	44.5	63.1	74.5	59.7	31.1	11.3	13.7	6.8	3.5
>= 470.0	23.0	.9	7.8	22.7	33.1	51.8	65.5	46.9	24.0	8.6	10.7	5.4	2.2
>= 620.0	18.2	.6	5.4	17.6	26.5	42.9	52.2	35.1	18.6	6.9	8.6	4.8	1.6
>= 820.0	13.8	.5	3.8	13.1	21.2	33.4	40.5	25.6	13.4	4.8	6.8	3.1	1.3
>= 1100.0	10.0	.3	2.6	10.0	15.0	25.0	28.4	18.6	10.3	3.6	4.8	2.6	.8
>= 1400.0	7.5	.1	2.3	7.9	12.0	17.4	21.9	13.7	7.1	3.1	3.5	1.3	.7
>= 1900.0	5.3		1.3	5.5	9.0	11.9	15.6	9.8	4.7	2.6	2.7	.6	.6
>= 2600.0	3.6		.7	3.6	6.0	8.9	10.6	6.6	3.1	2.0	1.7	.4	.6
>= 3400.0	2.5		.5	2.4	4.3	6.1	7.4	4.7	2.0	1.5	1.4	.3	.5
>= 4500.0	1.7		.1	1.8	2.5	4.2	5.4	2.7	1.3	1.1	.5	.2	.4
>= 6000.0	.9			.7	1.1	2.4	3.1	1.6	.7	.6	.2	.1	.4
>= 7900.0	.4			.3	.4	1.6	1.2	.4	.2	.3	.1		.3
>= 11000.0	.1			.1	.1	.5	.3						.3
>= 14000.0						.3	.1						.2
>= 19000.0													.1

STATION 03216500 LITTLE SANDY RIVER AT GRAYSON, KY. 1969-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 5.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 7.2	99.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 9.0	99.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 11.0	99.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 14.0	99.9	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 17.0	99.8	99.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 22.0	99.5	97.7	96.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 27.0	98.8	95.5	94.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.4	96.1	100.0
>= 33.0	97.5	93.9	93.3	99.4	98.4	100.0	100.0	100.0	100.0	100.0	94.2	93.9	97.3
>= 42.0	91.9	92.3	91.3	96.1	98.1	100.0	100.0	100.0	99.4	82.7	85.8	77.7	80.0
>= 52.0	85.4	89.4	84.3	92.9	97.4	100.0	100.0	100.0	97.1	70.0	68.7	58.4	67.0
>= 64.0	78.3	81.3	81.3	88.7	94.5	100.0	100.0	100.0	90.0	58.0	43.5	46.5	57.0
>= 80.0	73.1	74.8	80.0	82.9	92.3	100.0	100.0	97.0	83.9	46.3	33.2	40.0	48.3
>= 100.0	66.2	58.7	77.0	76.8	87.1	97.5	98.1	90.3	80.6	36.3	25.2	34.8	33.3
>= 120.0	60.3	51.0	59.3	70.6	84.2	96.1	93.9	83.7	76.1	28.7	22.3	29.7	30.3
>= 150.0	53.0	35.2	51.3	63.5	77.7	91.8	91.6	74.7	68.4	23.3	18.4	23.2	19.3
>= 190.0	47.2	26.8	40.3	54.2	74.8	90.4	87.7	63.7	62.9	18.0	15.5	19.0	14.7
>= 240.0	42.1	20.3	34.7	51.9	69.7	86.5	79.0	58.0	55.2	15.0	11.9	12.9	12.7
>= 300.0	36.6	14.2	30.7	48.4	60.3	77.7	69.4	52.0	49.0	13.3	8.4	9.7	9.0
>= 370.0	32.0	10.0	25.7	42.6	54.8	67.7	63.2	46.3	42.9	10.0	6.5	7.7	8.0
>= 460.0	26.6	6.5	20.0	35.8	47.7	55.3	54.2	38.7	37.1	8.7	6.1	4.2	6.7
>= 570.0	22.3	4.8	15.3	30.0	41.0	43.6	46.1	34.0	32.9	7.7	5.5	2.9	4.3
>= 710.0	18.4	3.5	12.0	22.9	34.2	36.5	38.4	30.0	28.4	6.7	4.5	1.0	3.7
>= 890.0	15.3	3.2	7.6	18.3	30.3	29.0	33.2	28.3	23.2	4.6	3.5		2.6
>= 1100.0	12.7	3.2	4.0	16.1	23.2	24.4	27.4	27.6	18.3	3.3	3.2		2.0
>= 1400.0	9.9	2.9	3.3	13.2	19.3	18.0	21.2	21.3	14.5	2.3	2.2		1.3
>= 1700.0	7.6	1.9	1.6	10.0	13.8	14.5	17.0	18.0	11.2	2.0	2.2		
>= 2100.0	5.1	.6	1.3	6.1	8.0	7.8	11.9	14.3	8.3	1.6	1.9		
>= 2600.0	3.4	.3	.3	3.8	4.5	4.6	9.0	11.3	5.4	1.3	.9		
>= 3300.0	1.7	.3	.3	1.9	1.9	2.4	4.1	4.6	3.2	1.0	.6		
>= 4100.0	.6	.3	.3	.9	1.6	.7	1.2	2.0	.3				
>= 5100.0	.2		.3	.3	.6	.3	.9	.6					
>= 6300.0	.1			.3	.6			.3					
>= 7900.0					.3			.3					

STATION 03216500 LITTLE SANDY RIVER AT GRAYSON, KY. 1938-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 1.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 2.1	99.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5
>= 2.8	99.7	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	98.2
>= 3.7	99.3	95.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.6	96.8
>= 5.0	98.3	92.0	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	99.0	91.3
>= 6.6	96.6	83.7	95.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	99.7	95.8	84.6
>= 8.8	94.3	76.2	91.4	96.2	99.6	99.7	100.0	100.0	100.0	100.0	98.4	92.1	77.8
>= 12.0	91.6	69.0	86.8	93.7	98.5	99.6	100.0	100.0	100.0	99.9	96.0	86.2	69.8
>= 15.0	89.0	62.5	80.0	91.1	97.7	99.6	100.0	100.0	100.0	98.9	91.7	82.8	63.7
>= 21.0	85.7	55.2	74.8	90.3	97.0	99.6	100.0	100.0	100.0	94.8	84.8	75.7	56.6
>= 27.0	82.5	47.8	69.8	89.6	96.0	99.5	100.0	100.0	99.5	89.8	78.6	68.7	52.0
>= 36.0	78.1	41.3	64.0	87.8	94.3	98.5	100.0	100.0	98.8	82.0	68.8	58.2	45.3
>= 48.0	71.8	35.0	55.2	82.6	93.2	95.9	99.0	100.0	96.1	66.3	59.2	45.9	34.8
>= 64.0	65.2	29.0	48.3	74.5	91.1	93.6	99.0	100.0	90.2	52.0	44.8	35.5	26.6
>= 85.0	59.6	24.7	43.3	66.2	87.1	91.2	98.1	98.1	81.9	41.9	37.1	28.6	19.7
>= 110.0	54.2	19.5	36.9	59.9	82.4	89.3	96.7	92.4	73.2	33.3	31.1	23.6	15.3
>= 150.0	47.3	12.1	28.9	52.2	73.5	85.8	92.7	85.0	62.7	24.9	25.1	17.9	10.4
>= 200.0	41.4	8.1	22.3	44.4	65.8	81.2	89.4	76.8	52.2	18.2	20.9	13.5	7.9
>= 260.0	36.0	6.0	18.4	38.1	57.1	75.0	82.3	68.4	43.0	14.9	17.0	10.0	6.0
>= 350.0	29.9	3.8	14.5	32.3	47.7	65.0	72.3	56.8	34.2	11.3	12.0	7.2	4.7
>= 470.0	23.8	2.3	10.6	25.8	36.5	52.3	62.6	44.6	27.1	8.5	9.6	5.1	3.1
>= 620.0	18.8	1.5	7.6	19.9	29.5	42.2	49.8	34.5	21.6	6.9	7.8	4.2	2.2
>= 820.0	14.4	1.2	5.2	14.8	24.1	32.7	39.3	26.3	16.0	5.0	6.1	2.4	1.7
>= 1100.0	10.7	1.0	3.0	11.5	17.0	24.8	28.2	20.8	12.2	3.5	4.4	1.9	1.1
>= 1400.0	8.1	.8	2.5	9.2	13.8	17.6	21.7	15.6	8.9	2.9	3.2	1.0	.8
>= 1900.0	5.5	.3	1.4	6.1	9.2	11.4	15.1	11.3	6.0	2.4	2.5	.4	.4
>= 2600.0	3.6		.6	3.7	5.6	7.8	10.2	7.8	3.6	1.8	1.5	.3	.4
>= 3400.0	2.3		.5	2.2	3.7	5.2	6.3	4.6	2.2	1.3	1.2	.2	.4
>= 4500.0	1.3		.1	1.5	2.1	3.3	4.3	2.5	1.0	.8	.3	.1	.3
>= 6000.0	.7			.6	1.0	1.8	2.3	1.3	.5	.4	.1		.3
>= 7900.0	.3			.2	.4	1.2	.9	.4	.1	.2			.2
>= 11000.0						.4	.2						.2
>= 14000.0						.2							.1

STATION 03216540 EAST FORK LITTLE SANDY RIVER NEAR FALLSBURG, KY. 1973-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= .01	94.9	88.2	100	100	100	100	100	100	100	97.8	91.4	90.2	74.8
>= .02	94.2	87.6	100	100	100	100	100	100	100	97.2	90.9	89.6	69.5
>= .03	93.9	87.6	100	100	100	100	100	100	100	96.7	90.9	88.6	67.1
>= .05	92.2	86.6	100	100	100	100	100	100	100	96.1	84.9	83.4	61.4
>= .07	90.8	83.9	100	100	100	100	100	100	100	92.2	82.8	79.3	57.6
>= .09	89.5	82.8	100	100	100	100	100	100	100	90.6	77.4	76.2	53.3
>= .10	88.5	80.6	100	100	100	100	100	100	100	88.9	75.3	74.6	50.0
>= .20	82.0	72.6	92.2	100	100	100	100	100	99.5	82.8	59.1	58.5	30.0
>= .30	79.1	68.3	91.7	100	98.9	100	100	100	96.8	78.3	51.6	49.7	24.8
>= .40	77.6	65.1	89.4	100	98.9	100	100	100	95.2	77.2	45.7	47.2	23.8
>= .50	76.0	63.4	88.9	100	97.8	100	100	100	93.0	71.7	41.9	44.0	22.9
>= .70	72.8	55.9	86.1	99.5	97.8	100	100	100	89.8	62.2	33.9	38.9	21.0
>= 1.00	68.4	5.05	77.8	98.4	94.6	98.8	100	98.3	84.4	51.1	23.7	33.7	20.0
>= 1.40	63.5	38.7	68.9	95.2	89.8	97.0	100	97.2	81.7	42.2	17.2	25.9	19.0
>= 1.90	59.2	32.3	59.4	93.0	87.1	96.4	100	93.9	77.4	32.8	13.4	20.2	15.2
>= 2.60	54.8	22.0	51.1	89.2	84.4	94.1	100	89.4	74.7	25.6	8.1	17.1	12.4
>= 3.60	50.1	16.7	42.8	78.0	81.7	91.1	98.9	84.4	68.8	21.1	4.8	13.5	10.0
>= 5.10	44.6	14.5	37.2	71.5	76.3	83.4	92.5	71.1	59.7	17.2	2.7	11.4	6.7
>= 7.00	37.6	11.8	30.6	59.7	70.4	69.2	81.2	57.2	49.5	13.3	1.6	8.8	5.2
>= 9.70	30.6	9.1	24.4	50.5	58.6	53.8	72.0	46.7	40.3	7.2	.5	6.2	3.8
>= 14.00	23.7	7.5	18.9	38.7	49.5	36.7	57.0	36.7	30.1	6.1	.5	4.1	2.4
>= 19.00	17.2	5.9	11.7	27.4	36.0	23.7	44.6	29.4	22.6	3.3	.5	2.6	1.4
>= 26.00	12.8	3.8	10.0	18.3	26.3	17.8	33.3	22.2	17.7	3.3		2.1	1.0
>= 36.00	9.2	3.7	6.6	13.4	17.2	12.4	26.3	15.0	13.4	2.2		1.5	.9
>= 50.00	7.4	2.6	5.5	8.0	13.9	11.2	19.3	13.3	12.3	2.2		.5	.9
>= 70.00	5.5	1.6	4.4	6.4	10.7	7.1	15.0	9.4	10.2	1.6		.5	.4
>= 97.00	3.8	.5	3.8	4.3	8.0	4.7	11.2	5.5	5.9	1.1		.5	.4
>= 130.00	2.6	.5	2.2	3.2	5.9	1.7	6.9	5.0	4.8	1.1			.4
>= 190.00	1.4	.5	1.1	1.6	2.6	1.1	3.7	2.7	3.2	.5			
>= 260.00	.7		1.1	1.0	2.1	.5	2.1	1.1	.5				
>= 360.00	.3			1.0	1.0		1.0	.5					
>= 500.00				.5	.5								

STATION 03216600 OHIO RIVER AT GREENUP DAM, KY. 1969-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 5700	100	100	100	100	100	100	100	100	100	100	100	100	99.7
>= 6700	100	100	100	100	100	100	100	100	100	100	100	100	99.7
>= 7800	100	100	100	100	100	100	100	100	100	100	100	100	99.7
>= 9100	99.9	100	100	100	100	100	100	100	100	100	100	100	99.3
>= 11000	99.6	98.7	100	100	100	100	100	100	100	100	100	99.7	96.7
>= 12000	99.0	96.1	100	100	100	100	100	99.7	100	99.7	99.0	98.7	94.3
>= 14000	98.0	93.9	100	100	100	99.3	100	99.7	100	99.3	96.8	96.1	91.0
>= 17000	95.1	89.0	99.3	100	99.4	98.6	100	99.7	100	97.7	93.9	87.4	75.7
>= 19000	92.7	82.3	98.0	100	99.0	96.8	100	99.7	98.7	95.7	91.0	81.9	69.3
>= 23000	87.8	72.6	95.0	100	96.8	96.8	100	99.7	97.7	88.0	84.2	68.1	55.3
>= 26000	84.3	65.5	91.0	99.4	95.2	96.5	100	99.7	95.8	82.7	77.4	58.4	50.0
>= 31000	78.8	54.5	85.3	98.4	92.3	96.1	99.4	99.4	92.9	76.7	62.6	46.1	42.3
>= 36000	72.6	47.1	75.3	95.8	88.7	96.1	96.8	98.4	88.4	66.3	49.4	36.5	33.0
>= 42000	66.7	40.3	66.3	93.5	86.8	94.3	93.9	94.8	84.5	54.3	39.0	26.8	27.3
>= 49000	61.4	32.6	59.3	88.7	83.2	90.8	91.3	91.6	78.4	46.7	32.3	21.6	22.0
>= 57000	55.5	23.9	50.0	84.2	79.0	87.2	90.6	88.0	72.3	35.3	22.9	15.8	18.0
>= 66000	50.4	19.0	42.0	76.8	74.2	83.0	89.0	82.1	65.2	29.3	17.4	12.3	15.0
>= 77000	44.2	13.2	37.3	69.7	68.4	75.5	86.5	72.7	58.1	21.7	11.6	8.7	8.0
>= 89000	38.8	9.7	32.3	62.3	61.3	68.4	84.2	65.9	47.1	15.3	7.1	6.1	6.7
>= 100000	34.5	8.4	27.7	53.9	54.2	63.1	81.3	58.4	40.3	13.0	6.1	3.5	5.3
>= 120000	27.7	5.5	16.0	42.9	47.4	53.5	68.1	49.4	31.9	9.0	4.2	1.6	3.7
>= 140000	22.3	3.2	11.0	32.9	38.4	46.1	56.8	42.9	23.5	7.0	3.5	1.0	2.0
>= 160000	17.2	2.2	5.3	25.8	29.3	36.5	48.7	34.0	15.1	6.0	2.9	.3	1.0
>= 190000	11.7	1.6	1.3	16.4	19.6	25.8	34.1	25.3	9.6	4.6	1.6		.6
>= 220000	7.7	.9	1.0	11.6	11.6	17.0	22.5	18.1	5.8	3.6	.3		.3
>= 260000	4.5	.6	1.0	7.4	6.1	9.2	14.1	11.3	1.9	2.3			
>= 300000	2.7	.3	.6	4.8	3.5	5.3	8.3	7.7	.3	1.6			
>= 350000	1.3			2.5	2.5	1.7	4.1	4.2	.3	1.0			
>= 410000	.4			1.6	1.6	.3	.6	.9					
>= 480000	.1			.6	.6								
>= 560000				.6									
>= 650000				.6									
>= 760000				.3									

STATION 03216800 TYGARTS CREEK AT OLIVE HILL, KY. 1957-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .04	99.2	98.6	100	100	100	100	100	100	100	99.7	95.9	98.5	98.2
>= .07	99.2	98.6	100	100	100	100	100	100	100	99.7	95.9	98.5	98.0
>= .09	99.1	98.2	100	100	100	100	100	100	100	99.5	95.9	98.5	97.6
>= .10	99.0	97.8	100	100	100	100	100	100	100	99.5	95.0	98.5	97.4
>= .20	97.5	93.4	99.8	100	100	100	100	100	100	99.2	92.1	95.6	90.0
>= .30	96.7	91.9	99.8	100	100	100	100	100	100	98.5	91.1	94.4	85.5
>= .40	96.0	88.2	99.4	100	100	100	100	100	100	98.2	90.5	94.3	82.3
>= .50	94.9	83.7	96.5	100	100	100	100	100	100	98.0	89.7	93.3	77.5
>= .80	92.4	78.3	93.2	99.8	100	100	100	100	100	96.2	86.7	89.3	65.6
>= 1.10	90.3	71.3	92.4	99.8	100	100	100	100	100	93.2	80.9	83.7	61.8
>= 1.50	87.7	68.4	91.0	99.5	100	100	100	100	100	87.9	75.2	71.7	59.4
>= 2.10	85.1	65.0	90.2	96.0	100	100	100	100	100	81.7	68.9	65.1	54.7
>= 3.00	82.3	57.6	87.5	94.6	100	100	100	100	100	75.8	63.6	59.7	49.5
>= 4.20	77.9	50.8	82.7	93.1	99.3	100	100	100	99.1	64.2	54.4	48.7	43.5
>= 5.90	73.6	42.7	73.8	91.6	98.8	99.7	100	100	94.9	55.2	49.0	43.4	35.6
>= 8.40	68.6	32.3	64.1	86.0	96.3	99.2	100	100	90.5	46.4	42.5	37.7	28.9
>= 12.00	63.6	27.5	51.1	81.0	92.4	98.4	100	98.9	83.9	37.4	37.0	32.4	23.0
>= 17.00	57.8	18.9	43.3	75.4	86.1	94.4	98.5	96.7	73.2	29.1	32.7	27.3	18.8
>= 23.00	52.0	13.5	34.8	68.4	78.5	89.4	95.9	89.2	62.9	23.6	28.4	23.3	16.1
>= 33.00	45.2	9.4	28.9	60.2	69.2	83.9	90.8	76.4	50.1	17.4	24.3	19.8	12.6
>= 46.00	38.1	6.1	21.7	50.4	57.5	75.0	82.3	65.6	39.0	14.5	19.1	16.1	10.0
>= 65.00	29.4	4.3	15.4	37.2	46.2	57.2	65.1	53.0	29.8	10.5	15.1	12.6	7.0
>= 91.00	21.4	3.1	9.7	26.3	33.4	40.7	46.8	41.8	22.3	7.7	12.0	7.9	5.3
>= 130.00	14.9	2.1	6.8	17.9	21.7	27.0	34.6	29.3	16.1	5.3	8.7	5.5	4.0
>= 180.00	10.3	1.2	4.4	12.1	15.1	18.0	23.1	22.7	12.0	3.4	5.8	3.8	2.5
>= 250.00	7.1	1.0	3.0	8.6	10.8	12.0	15.5	15.6	7.7	2.2	4.3	2.3	1.9
>= 360.00	4.7	.4	1.7	4.9	7.4	7.4	9.9	12.1	6.0	1.8	2.7	1.6	.9
>= 500.00	3.0	.4	.7	3.5	4.3	4.8	6.5	6.9	4.2	1.2	2.0	1.0	.6
>= 710.00	2.0	.1	.4	2.7	2.4	3.2	4.6	4.0	3.0	.7	1.4	.5	.4
>= 1000.00	1.1	.1	.3	1.3	1.3	1.6	3.3	2.2	1.9	.7	.7	.1	.3
>= 1400.00	.6	.1	.1	.7	.5	1.1	1.6	1.2	1.1	.6	.5	.1	
>= 2000.00	.3	.1		.3	.2	.6	.7	.3	.4	.4	.2		
>= 2800.00					.1	.3	.1	.1					
>= 3900.00							.1	.1					

STATION 03217000 TYGARTS CREEK NEAR GREENUP, KY. 1940-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .1	99.8	99.7	100	100	100	100	100	100	100	100	100	99.9	98.4
>= .2	99.8	99.5	100	100	100	100	100	100	100	100	100	99.9	98.2
>= .3	99.7	99.1	99.9	100	100	100	100	100	100	100	99.9	99.9	98.0
>= .4	99.6	97.6	99.9	100	100	100	100	100	100	100	99.9	99.8	97.5
>= .6	99.3	96.3	99.6	100	100	100	100	100	100	100	99.9	99.8	96.6
>= .8	98.9	94.5	97.9	100	100	100	100	100	100	100	99.5	99.8	95.4
>= 1.2	98.1	90.8	96.5	99.9	99.9	100	100	100	100	100	99.1	99.7	91.8
>= 1.7	96.9	85.1	94.6	99.4	99.8	100	100	100	100	100	98.3	97.8	87.9
>= 2.4	95.4	79.9	93.7	98.6	99.8	100	100	100	100	100	97.0	95.4	81.1
>= 3.4	93.1	69.9	90.5	96.6	98.5	100	100	100	100	100	94.9	92.1	74.2
>= 4.8	91.0	63.8	86.7	94.7	98.8	100	100	100	100	99.7	93.0	88.0	67.8
>= 6.9	88.2	57.0	82.6	93.1	98.6	100	100	100	100	98.6	88.7	82.5	57.8
>= 9.8	84.9	49.2	78.9	91.8	98.4	100	100	100	99.9	94.3	83.8	74.7	49.0
>= 14.0	81.1	44.4	76.0	90.7	98.4	99.3	100	100	99.5	85.7	73.3	64.5	41.8
>= 20.0	75.1	34.9	62.6	87.4	97.2	97.7	100	100	99.2	75.6	62.1	52.1	34.0
>= 28.0	69.1	24.4	53.9	83.2	94.2	95.9	99.5	100	96.4	62.8	50.7	42.7	27.3
>= 40.0	63.1	18.2	46.8	77.6	90.7	93.1	98.3	100	89.4	50.6	39.1	33.8	20.8
>= 57.0	56.7	13.0	39.2	69.0	85.3	90.6	97.4	97.2	79.8	38.9	29.5	25.7	16.5
>= 81.0	50.1	8.0	31.8	60.9	78.7	86.6	93.6	89.9	69.6	29.4	22.8	19.9	12.6
>= 120.0	43.0	5.3	23.7	52.1	69.3	81.6	89.5	77.9	56.8	21.7	17.4	14.5	8.3
>= 160.0	37.1	3.8	18.2	43.7	60.1	75.0	82.9	67.7	47.2	16.8	13.7	11.3	6.4
>= 230.0	29.0	2.4	12.3	33.4	47.8	59.7	69.6	54.1	35.9	12.2	9.7	8.3	4.7
>= 330.0	21.6	1.6	7.9	24.9	35.9	44.2	54.9	41.1	26.0	9.0	6.9	4.9	3.2
>= 480.0	15.1	.9	5.0	16.8	25.6	30.7	39.2	29.5	18.9	6.3	4.4	2.9	1.9
>= 680.0	10.1	.5	3.1	11.4	17.3	21.5	26.6	19.2	12.5	4.2	3.2	1.6	1.3
>= 960.0	7.0	.3	2.0	8.2	12.4	14.8	17.9	13.1	8.4	2.8	2.2	1.1	1.0
>= 1400.0	4.5	.2	.8	5.3	8.4	9.4	12.4	7.8	5.4	2.1	1.2	.4	.7
>= 2000.0	2.8	.1	.5	3.0	5.4	6.2	8.1	4.8	3.2	1.4	.8	.2	.4
>= 2800.0	1.7	.1	.2	1.9	2.4	3.9	5.1	2.8	2.0	1.0	.5	.1	.2
>= 4000.0	.8			1.0	1.1	2.0	2.3	1.3	.9	.6			.2
>= 5600.0	.3			.2	.3	.5	.8	.7	.3	.2			.1
>= 8000.0					.1	.1	.1	.1					.1
>= 11000.0													

STATION 03237900 CABIN CREEK NEAR TOLLESBORO, KY. 1972-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	96.1	86.6	100	100	100	100	100	100	100	95.2	90.3	94.9	88.1
>= .02	96.0	86.6	100	100	100	100	100	100	100	94.8	89.9	94.5	87.6
>= .04	95.3	84.9	100	100	100	100	100	100	100	94.3	88.9	92.2	85.7
>= .06	94.8	84.9	100	100	100	100	100	100	100	93.8	87.6	91.2	82.9
>= .08	94.2	83.9	100	100	100	100	100	100	100	93.8	85.7	88.5	81.4
>= .10	93.4	82.3	100	100	100	100	100	100	100	93.8	84.3	87.1	77.1
>= .20	89.0	78.5	100	99.5	98.4	100	100	100	99.5	89.0	71.0	76.5	61.9
>= .30	87.3	77.4	100	97.8	97.8	100	100	100	98.2	86.2	66.8	71.9	59.0
>= .40	85.4	76.9	100	96.8	96.8	100	100	100	94.9	84.8	63.6	63.6	57.1
>= .50	84.6	76.9	100	96.2	96.2	100	100	100	93.5	83.3	61.8	62.7	54.3
>= .70	82.4	75.8	100	95.2	95.7	100	100	100	91.7	81.0	53.9	55.8	51.0
>= 1.10	77.2	69.9	93.3	91.9	94.6	100	100	100	89.4	95.7	40.1	46.1	39.5
>= 1.50	72.0	61.3	83.3	89.8	93.0	100	100	99.0	88.0	64.3	28.6	40.1	31.9
>= 2.20	65.5	54.3	68.3	84.4	90.3	100	100	96.2	81.6	47.1	20.3	33.6	26.7
>= 3.20	58.8	39.2	53.9	79.0	84.9	90.5	100	93.3	74.2	38.1	14.7	30.0	22.4
>= 4.50	52.9	29.6	44.4	73.1	76.9	87.6	99.5	82.4	65.4	33.8	12.9	26.7	18.1
>= 6.50	46.6	21.0	36.1	70.4	68.3	82.8	94.6	69.5	58.1	24.3	10.1	23.5	15.7
>= 9.30	40.0	15.6	30.0	60.8	65.1	72.2	79.6	58.1	46.5	21.4	9.2	20.7	13.8
>= 13.00	33.7	12.9	22.8	53.8	59.1	59.8	64.5	50.5	35.9	17.1	7.8	18.9	11.9
>= 19.00	25.5	10.2	16.7	42.5	47.8	39.6	52.7	38.1	26.3	11.4	5.1	14.7	9.5
>= 27.00	18.0	7.0	10.0	30.1	31.7	24.3	41.4	29.5	18.9	8.1	2.8	11.5	6.2
>= 39.00	13.1	5.9	7.8	21.0	22.0	16.0	32.3	20.0	12.9	6.2	2.3	9.2	5.2
>= 56.00	9.8	4.3	7.2	15.6	16.1	10.7	24.2	16.2	8.8	4.3	1.8	6.9	3.8
>= 81.00	7.4	2.6	5.0	11.8	13.4	6.5	19.3	10.9	6.9	2.8	.9	6.9	3.3
>= 120.00	5.2	2.1	3.8	7.5	9.6	3.5	15.5	7.1	5.0	1.9	.9	4.6	2.3
>= 170.00	4.2	1.6	2.2	5.3	8.0	3.5	12.3	6.6	4.6	.9	.9	4.1	1.9
>= 240.00	2.7	1.0	1.1	3.2	3.2	2.9	8.0	4.7	2.3	.9	.4	3.6	1.4
>= 340.00	1.8	1.0	.5	1.0	2.1	2.3	5.3	3.8	1.8	.9		1.8	1.4
>= 490.00	1.0	.5	.5	1.0	2.1	1.1	2.6	1.4	.4	.4		.9	1.4
>= 700.00	.7	.5	5	1.0	1.6	1.1	.5	.9	.4	.4		.4	1.4
>= 1000.00	.2	.5		1.0	.5	.5				.4			.4
>= 1400.00						.5				.4			

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 3530	99.8	100	100	100	100	100	100	100	100	97.1	100	100	100
>= 4100	99.8	100	100	100	100	100	100	100	100	97.1	100	100	99.7
>= 4800	99.7	99.9	100	100	100	100	100	100	100	97.1	100	99.9	99.6
>= 5700	99.7	99.7	99.3	100	100	100	100	100	100	97.1	100	99.9	99.4
>= 6600	99.2	95.3	98.7	100	100	100	100	100	100	97.1	100	99.2	98.9
>= 7700	98.2	87.5	96.1	100	100	100	100	100	100	97.1	99.9	97.6	96.8
>= 9100	97.0	83.2	94.8	100	100	100	100	100	100	97.1	99.5	93.0	88.6
>= 11000	95.5	79.0	94.1	99.4	100	100	100	100	100	97.1	98.8	90.3	75.7
>= 12000	94.2	75.0	93.5	99.3	100	100	100	100	100	97.1	98.5	88.6	64.0
>= 14000	91.8	62.2	90.9	98.6	100	100	100	100	100	97.1	96.9	80.4	55.1
>= 17000	87.4	48.3	84.1	96.9	98.5	100	100	100	100	97.1	85.4	66.8	40.8
>= 20000	84.3	39.5	77.2	92.9	98.5	100	100	100	99.4	95.2	79.2	57.8	35.5
>= 23000	81.0	32.3	70.7	91.2	96.2	99.4	100	100	98.9	90.8	71.0	49.6	30.5
>= 27000	77.4	23.4	65.0	86.7	94.5	98.2	100	100	97.4	86.6	61.6	41.1	27.0
>= 32000	73.1	16.3	55.2	82.0	93.4	96.0	99.1	99.8	94.8	80.7	52.2	33.2	22.3
>= 37000	68.6	13.2	45.1	75.7	91.7	92.8	97.7	99.6	92.4	71.4	43.6	26.5	16.4
>= 43000	63.2	9.9	37.0	70.2	84.2	88.9	96.4	98.5	87.8	59.4	35.2	20.5	10.5
>= 51000	57.9	7.5	29.4	62.6	78.0	85.1	95.4	94.3	80.1	51.7	26.5	15.0	8.6
>= 60000	54.2	6.0	24.7	57.9	72.1	81.4	94.1	91.7	75.5	44.3	22.4	12.1	7.5
>= 70000	49.9	4.8	21.9	51.9	66.5	75.8	91.8	87.5	68.4	37.2	17.8	9.8	5.4
>= 81000	45.5	3.6	19.0	45.4	61.0	71.2	88.2	83.5	61.0	32.3	12.4	7.3	5.2
>= 95000	41.1	2.8	16.1	40.1	55.2	64.5	82.9	78.0	54.5	27.0	9.4	5.3	4.7
>= 110000	36.3	1.6	11.7	34.2	50.8	58.8	77.4	71.2	45.1	21.2	6.6	3.9	4.1
>= 130000	30.4	.9	7.0	26.9	44.2	52.5	69.8	60.1	35.1	16.0	4.6	2.6	2.1
>= 150000	25.0	.8	3.3	21.0	37.4	46.1	61.9	48.5	26.7	10.6	3.5	1.8	.9
>= 180000	18.6	.6	1.0	14.1	26.8	36.4	50.5	36.8	16.7	7.5	2.7	.9	.7
>= 210000	13.4	.6	.3	9.6	19.5	27.9	37.7	27.1	10.5	4.5	1.3	.7	.4
>= 240000	9.7	.4	.3	7.1	13.4	20.8	29.4	18.6	7.2	3.2	.5	.2	
>= 290000	5.6	.1	.2	3.6	7.2	11.2	20.7	8.5	4.7	1.4	.1		
>= 330000	3.6		.2	2.1	4.3	6.7	14.7	5.3	2.7	.5			
>= 390000	1.8			1.3	2.2	2.4	8.6	2.0	1.7				
>= 460000	.8			.6	1.1	.9	4.7	.6	.5				
>= 540000	.2				.3		1.3	.4					

STATION 03248500 LICKING RIVER NEAR SAYLERSVILLE, KY. 1939-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= .1	99.5	96.9	100	100	100	100	100	100	100	100	100	99.9	97.3
>= .2	99.1	94.9	99.1	100	100	100	100	100	100	100	100	99.6	95.3
>= .3	98.8	93.1	98.8	100	100	100	100	100	100	100	100	99.4	94.3
>= .4	98.6	92.8	98.8	100	100	100	100	100	100	100	100	99.0	92.8
>= .5	98.4	92.5	98.0	100	100	100	100	100	100	100	100	98.8	91.4
>= .8	97.8	91.0	97.1	100	100	100	100	100	100	100	99.9	97.1	88.1
>= 1.1	965	84.7	96.5	99.8	100	100	100	100	100	100	99.6	94.8	83.3
>= 1.5	95.1	80.2	94.4	99.5	100	100	100	100	100	99.9	97.7	91.3	78.4
>= 2.1	92.7	74.2	89.7	98.1	99.3	100	100	100	100	99.5	95.9	85.7	70.6
>= 3.0	90.3	68.1	87.0	96.7	98.4	100	100	100	100	98.8	91.3	80.2	63.7
>= 4.2	87.3	59.1	82.6	91.3	97.1	100	100	100	100	97.7	88.1	74.4	58.4
>= 5.8	84.5	54.0	78.7	89.4	96.5	100	100	100	99.8	95.4	82.8	67.7	51.3
>= 8.2	81.1	47.7	71.5	88.3	96.0	100	100	100	99.5	92.8	75.4	59.4	43.9
>= 12.0	77.2	40.2	65.4	86.9	94.8	100	100	100	99.2	86.8	64.6	51.0	38.3
>= 16.0	73.1	34.0	60.4	85.5	94.0	98.6	100	100	98.2	78.0	54.8	43.1	31.6
>= 23.0	66.6	26.6	51.4	79.0	92.3	96.3	99.8	100	93.4	60.1	42.8	35.0	24.1
>= 32.0	60.7	20.3	43.8	73.0	90.2	94.6	99.0	99.3	85.0	46.7	33.0	28.0	17.5
>= 45.0	54.5	13.3	35.4	65.5	86.6	91.8	97.6	96.1	74.4	34.7	26.8	20.6	13.0
>= 63.0	47.3	7.2	27.3	57.4	78.1	86.5	94.4	89.3	60.8	24.9	19.9	14.8	9.8
>= 88.0	40.5	4.8	21.3	48.5	66.5	79.9	90.8	78.5	47.8	17.0	14.4	10.6	7.7
>= 120.0	33.2	3.0	16.3	39.4	54.4	71.4	81.3	62.7	36.0	11.5	10.5	8.5	5.4
>= 170.0	25.1	2.2	10.8	29.0	41.9	57.7	65.6	47.9	25.0	7.5	6.9	5.9	3.3
>= 240.0	18.2	1.5	6.6	21.2	30.1	41.9	50.3	34.4	18.1	5.3	4.4	3.8	2.3
>= 340.0	12.4	.8	4.1	14.5	21.1	28.3	35.3	23.5	12.0	3.7	3.1	2.2	1.1
>= 480.0	8.0	.4	2.3	9.5	14.6	18.3	22.2	15.2	7.4	2.2	2.0	1.4	.7
>= 680.0	5.1	.3	1.0	6.3	9.4	11.6	13.7	10.4	4.5	2.0	1.2	.6	.5
>= 950.0	3.1	.3	.7	3.4	6.7	6.9	8.7	6.5	2.5	1.0	.8	.4	.1
>= 1300.0	1.9	.2	.4	2.0	3.4	4.2	5.2	4.5	1.8	.6	.2	.3	
>= 1900.0	1.0		.2	.9	1.6	2.3	3.1	2.5	.9	.5	.1		
>= 2600.0	.5		.2	.3	.5	1.6	1.5	1.3	.3	.1			
>= 3700.0	.2			.1	.2	.8	.8	.5					
>= 5200.0						.6	.2						
>= 7300.0						.1							

STATION 03249000 LICKING RIVER AT YALE, KY. 1938-1942

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 3.5	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 4.6	99.5	96.0	100	100	100	100	100	100	100	100	100	100	98.3
>= 6.0	99.4	96.0	100	100	100	100	100	100	100	100	100	100	96.7
>= 7.7	98.8	91.9	100	100	100	100	100	100	100	100	100	100	94.2
>= 9.9	98.1	83.9	100	100	100	100	100	100	100	100	100	100	93.3
>= 13.0	97.6	79.0	100	100	100	100	100	100	100	100	100	100	92.5
>= 16.0	96.9	74.2	100	100	100	100	100	100	100	100	100	100	89.2
>= 21.0	91.9	53.2	78.3	89.5	100	100	100	100	100	100	100	100	81.7
>= 27.0	87.1	37.1	65.0	84.7	100	100	100	100	100	98.3	100	97.6	63.3
>= 35.0	83.4	21.8	61.7	83.9	96.8	100	100	100	100	92.5	100	89.5	55.0
>= 45.0	78.8	10.5	48.3	83.1	95.2	100	100	100	94.4	86.7	100	81.5	46.7
>= 58.0	74.8	6.5	32.5	79.0	93.5	95.6	100	100	92.7	83.3	99.2	72.6	43.3
>= 75.0	71.5	4.0	24.2	75.8	89.5	95.6	100	100	91.1	80.0	93.5	64.5	40.0
>= 96.0	67.3	2.4	19.2	74.2	84.7	92.0	100	100	83.9	73.3	85.5	54.8	38.3
>= 120.0	63.6	1.6	16.7	70.2	83.1	87.6	97.6	100	75.8	65.8	80.6	50.0	35.0
>= 160.0	58.0	1.6	15.0	57.3	79.8	84.1	97.6	100	56.5	58.3	73.4	42.7	31.7
>= 210.0	51.7	.8	14.2	46.0	74.2	73.5	97.6	96.7	42.7	50.0	65.3	37.1	24.2
>= 270.0	44.4	.8	11.7	37.1	62.1	69.9	91.1	89.2	29.8	41.7	54.8	30.6	15.8
>= 340.0	39.1		10.0	32.3	54.0	65.5	87.9	78.3	23.4	35.0	46.0	25.0	13.3
>= 440.0	32.0		5.0	23.4	45.2	57.5	75.0	67.5	16.1	28.3	38.7	19.4	9.2
>= 570.0	24.7		4.2	13.7	35.5	48.7	57.3	55.8	7.3	24.2	33.9	12.9	5.0
>= 730.0	20.6		3.3	8.1	29.0	43.4	47.6	47.5	6.5	22.5	28.2	10.5	2.5
>= 940.0	16.4		3.3	5.6	19.4	41.6	37.1	35.8	4.0	18.3	24.2	8.1	.8
>= 1200.0	14.3		3.3	4.8	15.3	37.1	35.4	33.3	3.2	15.0	20.1	6.4	
>= 1600.0	11.7		2.5	4.0	12.0	31.8	29.0	27.5	2.4	10.0	18.5	4.8	
>= 2000.0	9.5		1.6	3.2	9.6	27.4	25.0	25.8	.8	6.6	12.9	3.2	
>= 2600.0	6.8		.8	.8	6.4	19.4	18.5	20.0	.8	5.8	8.0	2.4	
>= 3300.0	4.7				4.8	14.1	13.7	14.1		4.1	5.6	1.6	
>= 4300.0	3.0				1.6	12.3	8.8	6.6		1.6	4.8	1.6	
>= 5500.0	2.1				1.6	8.8	4.8	5.0		1.6	3.2	1.6	
>= 7100.0	1.5				1.6	6.1	4.0	3.3			2.4	1.6	
>= 9200.0	.6				1.6	3.5	1.6				1.6		
>= 12000.0	.4				.8	3.5					.8		
>= 15000.0	.1					1.7							

STATION 03249500 LICKING RIVER AT FARMERS, KY. 1938-1973 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= .6	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 1.0	100	99.7	100	100	100	100	100	100	100	100	100	100	100
>= 1.3	99.9	98.7	100	100	100	100	100	100	100	100	100	100	99.9
>= 1.8	99.9	98.4	100	100	100	100	100	100	100	100	100	100	99.9
>= 2.4	99.8	98.3	100	100	100	100	100	100	100	100	100	100	98.8
>= 3.3	99.6	96.3	100	100	100	100	100	100	100	100	100	100	97.4
>= 4.5	99.4	95.2	100	100	100	100	100	100	100	100	100	100	95.3
>= 6.2	99.0	93.0	99.8	100	100	100	100	100	100	100	100	100	93.2
>= 8.5	98.1	88.4	97.6	99.7	99.5	100	100	100	100	100	99.8	98.5	88.8
>= 12.0	96.9	84.4	95.7	98.6	99.1	100	100	100	100	100	99.2	97.3	83.5
>= 16.0	95.6	80.3	93.7	97.2	99.0	99.9	100	100	100	100	98.1	95.6	76.9
>= 22.0	93.6	74.2	90.0	95.5	98.4	99.3	100	100	100	99.8	96.8	92.2	69.8
>= 30.0	90.5	64.3	84.0	91.5	96.7	99.3	100	100	100	99.0	93.8	87.5	57.9
>= 40.0	86.4	53.6	79.0	88.5	95.2	99.3	100	100	99.8	95.7	88.2	80.7	45.8
>= 55.0	81.5	42.4	70.7	86.8	94.4	99.3	100	100	99.4	89.3	81.5	69.7	35.3
>= 75.0	76.8	33.3	60.2	85.0	93.5	98.9	100	100	99.3	85.0	73.2	59.1	27.3
>= 100.0	72.3	27.1	51.4	81.2	92.5	98.8	99.9	100	98.1	76.3	65.2	51.5	21.8
>= 140.0	66.5	19.9	41.5	76.7	91.1	96.5	99.2	100	95.4	63.0	54.6	41.0	17.2
>= 190.0	61.1	13.2	35.8	68.5	88.7	93.7	98.5	99.6	89.8	53.3	45.3	32.5	12.3
>= 260.0	55.7	9.3	31.3	60.8	85.8	90.1	98.2	97.7	81.4	42.2	37.5	25.5	9.0
>= 360.0	49.3	5.3	24.1	52.3	79.6	87.6	97.6	92.6	68.1	32.3	29.0	20.0	6.1
>= 490.0	43.0	3.1	19.5	45.5	69.4	82.6	91.6	85.3	54.8	24.2	22.5	15.9	3.9
>= 670.0	36.1	2.1	15.4	37.0	58.2	73.9	84.1	72.6	42.6	18.3	17.3	12.1	2.9
>= 910.0	29.4	1.1	12.5	29.4	46.6	63.0	71.9	59.3	34.0	14.3	13.2	9.3	1.8
>= 1200.0	23.6	.7	9.8	23.7	36.5	52.7	60.3	46.9	26.6	10.6	11.0	6.9	1.0
>= 1700.0	16.8	.2	6.1	17.2	26.6	37.9	44.9	32.8	17.6	7.4	8.3	4.1	.6
>= 2300.0	12.3		3.7	12.6	20.0	28.9	33.1	23.5	13.6	4.5	6.4	2.4	.4
>= 3200.0	8.2		2.0	8.4	13.7	18.7	22.6	16.5	8.9	2.8	4.5	1.4	.3
>= 4400.0	5.3		.9	5.6	8.9	11.8	15.2	10.8	5.5	2.2	2.5	.7	.3
>= 5900.0	3.4		.4	3.0	5.6	8.6	10.3	7.0	3.6	1.2	1.6	.3	.3
>= 8100.0	1.8			1.3	2.0	5.4	5.9	2.9	2.0	.7	.8	.2	
>= 11000.0	.5			.2	.5	1.8	2.4	.9	.2		.3		
>= 15000.0						.5	.5						

STATION 03249500 LICKING RIVER AT FARMERS, KY. 1975-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 8.5	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 10.0	99.9	100	100	100	100	100	100	100	100	100	100	100	99.2
>= 12.0	99.9	100	100	100	100	100	100	100	100	100	100	100	99.2
>= 15.0	99.9	100	100	100	100	100	100	100	100	100	100	100	98.3
>= 18.0	99.9	100	100	100	100	100	100	100	100	100	100	100	98.3
>= 22.0	99.8	100	99.2	100	100	100	100	100	100	100	100	100	98.3
>= 27.0	99.7	100	98.3	99.2	100	100	100	100	100	100	100	100	98.3
>= 32.0	99.6	100	98.3	98.4	100	100	100	100	100	100	100	100	98.3
>= 39.0	98.8	100	92.5	97.6	100	100	99.2	100	100	99.2	100	100	96.7
>= 48.0	92.9	100	90.0	96.8	100	100	99.2	85.8	75.0	82.5	97.6	91.1	96.7
>= 58.0	92.1	100	88.3	96.8	96.8	100	99.2	85.0	75.0	80.8	96.0	90.3	96.7
>= 70.0	88.4	100	75.8	96.8	96.0	99.1	97.6	85.0	74.2	67.5	88.7	90.3	89.2
>= 84.0	84.9	100	72.5	95.2	96.0	99.1	95.2	80.8	66.1	59.2	85.5	85.5	83.3
>= 100.0	83.2	100	69.2	95.2	96.0	97.3	90.3	79.2	64.5	56.7	83.9	84.7	81.7
>= 120.0	81.0	99.2	69.2	91.1	93.5	97.3	87.9	74.2	63.7	52.5	78.2	83.9	80.8
>= 150.0	78.2	97.6	69.2	90.3	92.7	96.5	86.3	70.8	62.9	46.7	74.2	74.2	76.7
>= 180.0	77.3	97.6	68.3	89.5	91.9	96.5	86.3	70.8	62.9	45.8	71.0	70.2	76.7
>= 220.0	72.4	95.2	60.0	88.7	83.9	96.5	85.5	68.3	62.9	43.3	50.8	68.5	65.8
>= 270.0	59.2	64.5	50.0	86.3	83.9	87.6	83.9	59.2	59.7	30.0	17.7	48.4	40.0
>= 320.0	58.2	63.7	49.2	83.9	82.3	85.8	82.3	58.3	59.7	28.3	17.7	48.4	39.2
>= 390.0	56.3	61.3	48.3	81.5	77.4	85.8	82.3	58.3	58.1	24.2	14.5	46.8	37.5
>= 470.0	52.5	61.3	46.7	79.0	71.0	72.6	79.8	55.8	54.8	21.7	5.6	45.2	36.7
>= 570.0	45.4	44.4	43.3	71.8	66.9	71.7	79.0	54.2	50.8	17.5	4.8	31.5	9.2
>= 690.0	38.8	21.7	35.0	62.0	62.9	70.7	71.7	50.8	45.9	15.8	4.0	18.5	8.3
>= 840.0	35.4	21.7	34.1	59.6	60.4	64.6	64.5	50.0	43.5	12.5	2.4	5.6	7.5
>= 1000.0	32.1	19.3	26.6	56.4	54.8	61.0	56.4	50.0	40.3	9.1	1.6	4.0	6.6
>= 1200.0	29.9	17.7	25.0	54.8	47.5	55.7	51.6	48.3	39.5	8.3	1.6	3.2	6.6
>= 1500.0	26.2	14.5	24.1	46.7	39.5	49.5	48.3	45.8	34.6	6.6	.8	.8	5.0
>= 1800.0	24.2	12.9	22.5	42.7	33.8	46.0	45.1	45.0	33.0	6.6			4.1
>= 2200.0	21.9	11.2	16.6	36.2	30.6	44.2	41.9	44.1	30.6	5.8			3.3
>= 2600.0	18.9	11.2	14.1	26.6	24.1	39.8	37.0	41.6	25.8	5.0			3.3
>= 3200.0	9.5		3.3	8.8	9.6	22.1	18.5	30.0	23.3				
>= 3900.0	.9					8.8	3.2						

STATION 03249500 LICKING RIVER AT FARMERS, KY. 1938-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .6	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 1.0	100	99.7	100	100	100	100	100	100	100	100	100	100	100
>= 1.3	99.9	98.9	100	100	100	100	100	100	100	100	100	100	99.9
>= 1.8	99.9	98.6	100	100	100	100	100	100	100	100	100	100	99.9
>= 2.4	99.9	98.5	100	100	100	100	100	100	100	100	100	100	99.7
>= 3.3	99.6	96.8	100	100	100	100	100	100	100	100	100	100	98.9
>= 4.5	99.5	95.7	100	100	100	100	100	100	100	100	100	100	97.7
>= 6.2	99.1	93.8	99.8	100	100	100	100	100	100	100	100	100	95.9
>= 8.5	98.3	89.7	97.9	99.8	99.5	100	100	100	100	100	99.8	98.7	93.9
>= 12.0	97.3	86.2	96.2	98.8	99.2	100	100	100	100	100	99.3	97.6	90.0
>= 16.0	96.1	82.6	94.4	97.5	99.1	99.9	100	100	100	100	98.4	96.1	85.2
>= 22.0	94.3	77.2	91.1	96.0	98.6	99.4	100	100	100	99.8	97.1	93.0	79.3
>= 30.0	91.5	68.0	85.7	92.3	97.1	99.3	100	100	100	99.1	94.5	88.9	73.0
>= 40.0	87.7	57.8	80.7	89.5	95.8	99.3	99.9	99.9	99.8	96.0	89.5	82.9	62.3
>= 55.0	82.8	47.3	73.2	88.1	95.0	99.3	99.9	98.7	97.3	88.9	83.3	72.2	51.5
>= 75.0	77.8	39.0	62.4	86.3	93.9	97.4	99.8	98.4	96.1	83.1	74.6	62.6	41.4
>= 100.0	73.3	33.5	54.0	82.9	93.0	97.0	98.9	96.9	94.0	74.7	67.0	55.5	33.7
>= 140.0	67.6	26.9	44.4	78.4	91.5	94.9	97.8	96.2	91.5	62.0	56.4	45.4	28.4
>= 190.0	62.4	20.9	38.9	69.4	89.0	92.3	97.1	95.8	86.3	53.3	47.7	37.1	24.3
>= 260.0	55.9	14.4	33.1	62.2	85.8	88.4	96.8	93.0	78.4	42.0	35.2	28.5	16.8
>= 360.0	50.0	10.4	26.3	54.3	79.9	86.0	95.1	88.4	66.6	33.0	27.4	23.0	13.6
>= 490.0	43.8	8.4	21.9	47.5	69.7	80.3	90.4	81.7	54.3	25.0	20.5	19.1	10.7
>= 670.0	36.5	4.1	17.3	39.0	59.4	72.5	83.3	70.0	42.8	19.4	15.7	13.3	5.9
>= 910.0	30.0	2.9	14.2	31.8	48.6	62.2	71.1	58.0	34.6	15.2	11.9	8.8	4.8
>= 1200.0	24.4	2.3	11.3	26.5	38.3	52.3	59.9	46.7	27.7	11.5	9.9	6.5	3.7
>= 1700.0	17.8	1.4	7.9	19.8	28.2	38.4	45.6	34.0	19.1	8.3	7.4	3.7	2.5
>= 2300.0	13.4	1.1	5.1	14.7	21.7	30.0	34.5	25.1	14.9	5.5	5.7	2.1	2.1
>= 3200.0	8.5		2.3	8.6	14.1	18.8	22.9	17.4	10.0	3.1	4.0	1.2	1.4
>= 4400.0	4.9		.9	5.4	8.7	11.2	14.1	9.6	4.9	2.0	2.2	.6	.2
>= 5900.0	3.1		.4	2.9	5.4	7.6	9.1	6.2	3.2	1.1	1.4	.2	.2
>= 8100.0	1.5			1.2	1.8	4.8	5.2	2.5	1.8	.6	.7	.2	.2
>= 11000.0	.4			.2	.5	1.6	2.1	.8	.2		.2		
>= 15000.0						.4	.5						

STATION 03250000 TRIPLETT CREEK AT MOREHEAD, KY. 1941-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	97.0	88.2	95.6	99.4	100	100	100	100	100	100	96.9	95.5	88.1
>= .02	97.0	88.2	95.6	99.4	100	100	100	100	100	100	96.9	95.5	88.0
>= .03	96.9	88.2	95.6	99.4	100	100	100	100	100	100	96.8	95.5	88.0
>= .04	96.9	87.8	95.6	99.4	100	100	100	100	100	100	96.8	95.5	88.0
>= .07	96.8	87.2	95.5	99.4	100	100	100	100	100	100	96.8	95.4	87.7
>= .10	96.7	86.5	95.4	99.4	100	100	100	100	100	99.9	96.4	94.9	87.7
>= .20	94.7	81.7	91.3	96.9	99.9	100	100	100	100	98.6	94.5	90.9	83.3
>= .40	92.9	79.3	87.2	94.3	99.2	100	100	100	100	97.1	92.4	87.1	78.0
>= .50	91.9	75.5	86.7	94.1	99.0	100	100	100	99.8	96.2	91.5	85.7	74.4
>= .80	89.5	68.5	83.9	91.8	98.5	100	100	100	99.2	94.3	86.7	82.0	69.5
>= 1.20	86.5	60.3	81.6	90.1	98.3	100	100	100	98.9	89.8	81.6	75.0	62.9
>= 1.80	83.0	55.4	76.8	89.3	98.3	99.3	99.9	100	98.5	84.1	72.8	67.8	54.0
>= 2.70	78.9	47.0	70.6	87.2	98.2	98.9	99.7	100	98.1	76.8	66.3	59.5	46.1
>= 4.00	73.7	36.7	62.3	85.4	97.2	97.8	99.2	100	96.9	65.2	58.2	49.6	37.2
>= 5.90	68.1	28.9	54.0	81.6	93.8	95.5	99.2	99.9	92.7	51.8	50.7	40.2	30.3
>= 8.90	61.8	19.9	47.2	73.1	90.0	93.5	99.2	99.7	86.3	41.2	41.2	30.4	20.9
>= 13.00	56.3	14.8	40.1	65.6	84.5	91.8	99.2	97.6	77.8	34.1	33.0	24.4	15.0
>= 20.00	48.4	8.7	29.5	56.8	75.2	86.4	97.2	88.3	64.1	24.3	24.4	17.8	10.5
>= 29.00	40.8	5.1	22.4	48.0	62.0	78.8	91.2	74.6	52.0	18.3	18.4	13.6	7.3
>= 44.00	32.1	3.4	16.1	37.6	48.5	64.3	79.3	61.2	37.7	11.9	13.4	8.6	4.8
>= 66.00	24.1	2.0	10.8	27.8	35.8	49.1	62.7	46.6	27.5	8.3	9.9	6.6	3.2
>= 98.00	16.8	1.1	6.6	20.0	25.9	34.9	43.4	33.0	19.3	5.5	6.4	3.9	2.2
>= 150.00	10.5	.6	4.1	11.7	17.2	22.0	26.6	19.7	12.6	4.1	4.4	2.6	1.2
>= 220.00	7.0	.3	2.4	7.8	11.6	15.0	16.8	13.6	8.6	2.6	2.9	1.5	.9
>= 330.00	4.2	.2	1.2	4.8	7.8	8.8	10.1	7.7	5.4	1.5	1.9	1.1	.6
>= 490.00	2.6	.1	.5	2.7	4.8	5.7	6.7	4.5	2.8	.9	1.4	.5	.5
>= 730.00	1.5		.4	1.7	2.2	3.2	4.3	2.7	1.6	.6	.6	.2	.4
>= 1100.00	.7			.9	.9	2.0	2.0	1.5	.5	.3	.3	.1	.2
>= 1600.00	.3			.2	.6	.8	.9	.7	.2		.2		.1
>= 2400.00	.1				.1	.1	.6				.1		.1
>= 3600.00							.2						
>= 5400.00							.1						

STATION 03250100 NORTH FORK TRIPLETT CREEK NEAR MOREHEAD, KY. 1967-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .02	99.9	100	100	100	100	100	100	100	100	100	98.8	100	99.4
>= .04	99.8	100	100	100	100	100	100	100	100	100	98.5	100	99.4
>= .06	99.7	100	100	100	100	100	100	100	100	100	97.4	100	99.4
>= .08	99.6	100	100	100	100	100	100	100	100	100	96.8	100	98.5
>= .10	99.3	99.1	100	100	100	100	100	100	100	100	95.9	100	97.0
>= .20	98.5	93.8	100	100	100	100	100	100	100	100	94.4	99.4	94.2
>= .30	97.7	91.5	100	100	100	100	100	100	100	100	91.5	98.8	90.6
>= .40	97.2	91.5	100	100	100	100	100	100	100	99.7	90.6	98.2	86.4
>= .50	96.7	89.4	100	100	100	100	100	100	100	99.7	90.3	97.4	83.3
>= .70	95.5	85.3	100	100	100	100	100	100	100	99.4	90.0	95.0	76.1
>= 1.00	93.9	78.3	100	100	100	100	100	100	100	97.3	88.9	92.4	69.7
>= 1.50	92.0	75.7	100	100	100	100	100	100	100	93.6	86.5	85.6	63.0
>= 2.10	89.9	74.5	99.7	100	100	100	100	100	99.1	86.4	81.8	79.2	58.2
>= 3.00	87.6	71.6	97.6	100	100	100	100	100	97.9	80.6	78.0	73.0	52.4
>= 4.30	84.1	68.3	90.0	100	100	100	100	100	97.4	72.7	70.4	65.1	45.8
>= 6.10	79.7	57.8	78.8	99.4	96.8	99.0	100	100	97.1	67.0	61.9	56.3	42.7
>= 8.80	75.0	49.0	71.5	97.4	95.0	97.4	99.7	100	93.3	58.5	53.1	48.1	37.6
>= 13.00	70.3	38.4	67.6	93.3	91.5	93.6	98.5	100	88.9	52.1	46.0	41.9	32.7
>= 18.00	65.6	32.0	60.0	88.6	89.4	92.0	97.4	98.8	84.5	43.9	39.3	35.5	27.6
>= 25.00	60.6	24.3	50.3	84.5	85.6	91.3	96.8	95.8	78.3	33.0	33.4	31.1	22.7
>= 36.00	53.6	17.9	41.8	78.6	78.9	84.2	93.3	85.5	68.6	26.4	24.3	26.4	18.8
>= 52.00	45.8	12.3	32.4	70.4	72.7	78.8	84.8	69.1	57.5	19.1	18.5	21.4	14.5
>= 74.00	38.1	9.1	23.3	59.2	64.8	68.2	73.3	55.2	46.6	14.2	14.4	17.6	12.1
>= 110.00	28.4	6.1	15.7	43.1	49.5	50.8	56.8	43.0	36.0	7.8	10.2	13.4	9.0
>= 150.00	21.2	4.3	9.6	32.5	41.0	35.0	40.7	36.3	27.8	4.5	6.7	9.6	6.9
>= 210.00	14.9	3.2	5.4	24.0	27.2	25.4	27.8	24.5	19.9	3.3	5.2	8.5	4.5
>= 310.00	9.3	1.4	3.6	13.7	17.0	14.4	17.8	17.5	13.4	2.4	2.0	5.8	2.7
>= 440.00	6.0	1.1	1.8	7.3	12.0	7.7	12.3	12.4	8.7	1.2	1.7	4.1	2.1
>= 620.00	3.8	.8	1.5	4.3	6.1	4.8	8.2	7.8	5.5	1.2	1.4	2.9	1.5
>= 890.00	2.3	.5	.9	2.6	3.2	3.5	5.2	5.1	3.2	.6	1.1	1.1	1.2
>= 1300.00	1.4	.2	.6	1.4	1.7	2.5	2.6	3.0	2.9	.6	.5	.5	.6
>= 1800.00	.9	.2	.6	.5	1.4	1.6	2.3	1.8	1.4	.3	.2	.5	.3
>= 2600.00	.3	.2		.5	1.1		.8	.9					
>= 3700.00								.3					

STATION 03250320 ROCK LICK CREEK NEAR SHARKEY, KY. 1973-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	96.6	90.3	100	100	100	100	100	100	100	99.3	98.1	94.6	80.6
>= .02	95.5	88.4	100	100	100	93.6	100	100	100	98.7	98.1	94.6	75.6
>= .03	94.0	85.8	100	100	94.2	93.6	100	100	100	97.3	98.1	91.4	71.7
>= .04	93.1	85.2	100	100	92.9	92.9	100	100	100	96.7	98.1	89.8	66.7
>= .05	92.3	84.5	100	98.7	91.0	92.9	100	100	100	95.3	97.5	87.1	66.1
>= .07	90.7	83.9	100	96.8	83.2	92.9	100	100	100	95.3	97.5	81.7	63.9
>= .10	87.4	83.9	100	89.7	80.0	92.9	100	100	100	94.7	94.4	65.1	58.9
>= .20	82.0	81.3	89.3	78.1	80.0	92.2	100	96.0	100	88.0	85.1	53.2	52.8
>= .30	77.8	76.8	85.3	75.5	80.0	92.2	100	92.0	100	73.3	74.5	47.3	48.9
>= .40	72.9	64.5	76.0	71.6	80.0	92.2	98.7	90.0	98.7	64.7	65.2	42.5	43.9
>= .50	68.1	54.8	69.3	68.4	79.4	91.5	98.7	86.7	92.3	56.0	55.3	39.2	37.8
>= .60	62.5	47.1	64.7	67.1	76.7	90.1	98.7	87.3	80.6	44.0	43.5	36.6	26.7
>= .90	50.6	30.3	50.0	65.2	70.3	74.5	96.1	72.7	59.4	25.3	28.0	29.0	18.9
>= 1.20	44.0	22.6	37.3	62.6	67.7	63.1	90.3	62.0	54.2	21.3	19.9	22.6	15.0
>= 1.60	37.9	16.8	27.3	58.1	65.8	54.6	86.5	46.7	47.7	16.0	15.5	18.3	11.7
>= 2.10	33.5	14.8	21.3	52.3	63.2	47.5	79.4	39.3	41.3	14.0	11.2	15.6	10.6
>= 2.80	29.4	12.9	16.0	46.5	60.0	40.4	71.0	35.3	35.5	11.3	9.9	13.4	8.3
>= 3.80	24.4	11.6	12.0	38.7	54.2	31.9	59.4	29.3	29.7	8.7	7.5	11.8	4.4
>= 5.10	20.7	9.7	10.7	34.2	44.5	24.8	51.6	25.3	27.1	6.7	6.2	9.1	3.9
>= 6.90	17.1	8.4	7.3	29.7	38.1	19.9	41.9	21.3	20.6	4.7	5.6	8.1	3.3
>= 9.30	14.0	5.8	6.7	24.5	29.0	14.2	36.8	19.3	17.4	3.3	5.6	5.9	2.8
>= 13.00	11.4	4.5	5.3	19.4	21.9	11.3	31.6	15.3	15.5	2.7	3.7	5.9	2.2
>= 17.00	8.6	2.6	4.7	10.3	18.7	9.2	24.5	12.0	12.3	2.0	2.5	4.3	2.2
>= 23.00	6.7	2.5	2.6	7.7	14.1	8.5	17.4	10.0	9.0	2.0	2.4	3.7	2.2
>= 31.00	5.1	1.9	2.0	7.0	8.3	4.9	14.1	8.6	7.0	2.0	1.8	2.6	2.2
>= 41.00	3.6	1.2	.6	3.8	7.0	4.2	11.6	5.3	3.8	1.3	1.8	2.1	1.1
>= 56.00	2.5	1.2	.6	1.9	4.5	3.5	8.3	4.0	2.5	.6	1.2	1.6	1.1
>= 75.00	1.5	.6	.6	.6	3.2	2.1	4.5	2.0	1.9	.6	1.2		1.1
>= 100.00	1.0	.6	.6	.6	2.5	.7	3.2	1.3	.6	.6	1.2		.5
>= 140.00	.3	.6			1.2		1.2				.6		
>= 180.00	.1				.6		.6						

STATION 03250500 LICKING RIVER AT BLUE LICK SPRINGS, KY. 1938-1959

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 2.8	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 3.8	99.9	99.8	100	100	100	100	100	100	100	100	100	100	99.2
>= 5.1	99.6	98.0	99.4	100	100	100	100	100	100	100	100	100	98.3
>= 6.8	99.5	96.3	98.9	100	100	100	100	100	100	100	100	100	98.2
>= 9.0	99.1	93.4	97.9	100	100	100	100	100	100	100	100	100	98.0
>= 12.0	98.5	89.4	96.5	100	100	100	100	100	100	100	100	99.7	96.2
>= 16.0	97.4	85.1	93.7	100	100	100	100	100	100	100	100	97.9	91.8
>= 21.0	95.6	78.0	91.4	98.9	100	100	100	100	100	100	98.8	95.5	84.1
>= 28.0	93.4	70.8	88.9	96.9	97.8	100	100	100	100	100	98.2	92.7	75.6
>= 37.0	91.3	61.8	86.5	93.4	97.7	100	100	100	100	100	96.6	89.4	69.7
>= 49.0	88.8	53.8	81.6	91.9	97.7	100	100	100	100	100	94.7	84.5	61.5
>= 66.0	85.8	42.9	76.5	88.0	97.7	100	100	100	100	99.2	91.6	78.6	54.8
>= 87.0	82.2	33.5	67.5	87.3	97.1	100	100	100	99.4	97.3	86.8	68.9	49.2
>= 120.0	77.6	22.6	59.7	86.5	94.5	99.2	100	100	99.0	93.8	78.0	60.3	39.1
>= 150.0	74.4	18.0	53.0	85.7	92.5	99.2	100	100	98.5	88.6	71.3	54.3	33.5
>= 200.0	70.0	13.2	47.1	81.9	90.2	95.1	99.2	100	97.2	79.4	63.3	46.6	28.3
>= 270.0	65.6	9.7	39.8	77.0	89.4	93.4	99.2	100	94.4	67.9	55.1	39.4	23.9
>= 360.0	61.2	7.4	34.1	68.5	87.7	91.6	99.2	100	88.7	58.6	47.9	33.7	18.9
>= 480.0	56.7	6.3	29.2	60.4	84.9	89.4	99.2	99.1	81.4	47.9	42.7	27.6	15.9
>= 630.0	51.8	4.0	24.6	53.6	79.3	86.8	98.0	95.0	72.3	40.6	35.6	24.2	11.2
>= 840.0	46.7	2.5	21.1	45.5	75.0	83.8	94.9	89.4	62.2	32.0	29.0	19.2	9.4
>= 1100.0	41.1	1.7	17.3	41.3	66.5	77.4	90.5	81.1	51.2	26.2	22.4	14.4	7.3
>= 1500.0	34.4	.8	14.1	34.6	56.5	71.2	81.6	68.0	38.7	20.2	17.0	9.2	5.2
>= 2000.0	28.1	.6	11.7	29.1	47.7	63.0	68.6	53.4	28.5	14.3	13.7	6.7	3.9
>= 2600.0	22.9	.4	9.6	22.4	40.7	54.1	57.9	43.6	20.6	11.6	11.2	4.1	3.0
>= 3500.0	18.4		6.6	18.1	34.5	46.2	46.3	32.1	15.6	9.3	10.2	3.0	1.8
>= 4600.0	14.5		5.3	15.5	28.5	39.4	36.2	24.0	9.9	7.4	7.1	2.0	1.3
>= 6100.0	10.6		3.0	12.4	21.6	29.5	27.0	16.3	6.7	5.3	5.5	1.3	1.0
>= 8100.0	7.9		2.0	8.7	16.1	23.9	21.5	11.5	4.6	3.3	4.1	.7	1.0
>= 11000.0	5.0		.7	4.6	9.6	17.2	15.0	7.1	2.1	2.2	2.7	.1	.7
>= 14000.0	3.2		.3	2.3	6.1	12.4	9.0	4.3	1.4	1.6	1.6		.7
>= 19000.0	1.0			.3	1.3	4.3	3.8	1.9	.1	.6	.8		
>= 25000.0	.1				.1	.5	.6	.9					
>= 34000.0								.1					

STATION 03251000 NORTH FORK LICKING RIVER NEAR LEWISBURG, KY. 1946-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	93.6	77.5	89.0	96.0	98.7	100	100	100	100	99.6	91.7	90.5	80.2
>= .02	93.5	77.5	89.0	96.0	98.7	100	100	100	100	99.6	91.7	90.5	79.6
>= .03	93.5	77.5	89.0	96.0	98.7	100	100	100	100	99.6	91.4	90.5	79.6
>= .04	93.5	77.5	89.0	96.0	98.7	100	100	100	100	99.6	91.4	90.5	79.5
>= .07	93.4	77.5	89.0	96.0	98.7	100	100	100	100	99.6	91.4	90.4	79.1
>= .10	93.4	77.5	89.0	96.0	98.7	100	100	100	100	99.6	91.4	90.4	79.0
>= .20	92.4	75.4	87.8	95.6	98.6	100	100	100	100	99.3	89.7	88.9	74.3
>= .40	90.4	71.1	86.7	94.6	98.3	100	100	100	100	97.4	85.8	85.6	66.3
>= .60	88.0	65.8	85.0	93.9	98.3	100	100	100	99.9	93.5	80.8	81.3	57.5
>= .80	85.7	60.5	83.1	93.8	98.3	100	100	100	99.6	88.4	77.0	76.2	52.4
>= 1.20	82.4	51.6	80.0	93.8	98.3	100	100	100	98.6	82.8	71.0	68.8	45.2
>= 1.90	78.4	43.6	75.2	93.4	98.3	100	100	100	97.5	75.3	60.4	60.5	37.2
>= 2.80	75.5	39.3	71.9	92.8	98.3	100	100	100	95.1	69.3	55.7	53.0	32.1
>= 4.20	72.6	33.7	67.4	92.8	98.3	99.0	100	100	92.6	61.7	50.4	46.7	29.7
>= 6.30	68.9	29.6	61.8	91.7	96.6	98.2	100	100	88.0	54.0	42.6	39.5	26.5
>= 9.40	64.3	23.9	53.3	84.6	94.7	97.7	99.4	99.8	82.5	45.3	36.6	32.7	23.4
>= 14.00	60.0	19.0	46.8	77.7	93.2	94.8	99.0	97.2	75.6	37.6	31.4	28.3	21.0
>= 21.00	55.2	14.8	39.5	71.2	89.6	93.4	98.1	90.2	66.6	30.8	27.1	24.4	18.6
>= 32.00	49.6	11.2	31.8	63.9	83.5	91.3	95.0	78.4	55.9	25.7	23.3	21.0	16.8
>= 47.00	42.7	8.0	25.0	55.7	74.0	82.6	89.5	66.8	43.9	20.3	18.5	16.7	14.0
>= 71.00	34.4	5.1	19.2	46.9	60.6	69.8	76.7	51.6	31.9	14.9	14.6	13.1	10.8
>= 110.00	25.4	3.4	13.4	35.4	45.0	52.5	58.9	38.3	21.1	10.4	10.5	9.3	7.6
>= 160.00	19.1	2.7	9.6	27.0	34.5	39.9	43.9	29.0	15.5	8.0	7.2	6.9	6.3
>= 240.00	13.2	1.6	6.3	19.6	24.1	27.6	31.1	19.6	10.3	5.2	4.7	4.8	4.0
>= 360.00	8.9	1.3	3.9	12.3	17.3	19.5	21.2	13.1	7.3	2.7	3.4	3.0	2.7
>= 540.00	6.0	.8	2.6	8.6	12.9	12.3	13.9	8.5	5.0	1.4	2.3	2.3	2.3
>= 800.00	4.0	.5	1.4	5.4	9.2	8.0	9.2	5.3	3.4	1.1	1.3	1.4	1.8
>= 1200.00	2.4	.3	1.0	2.9	6.2	5.5	5.6	3.1	2.0	.7	.8	.7	1.0
>= 1800.00	1.4	.2	.3	1.3	3.8	3.4	3.5	1.5	1.2	.7	.5	.5	.9
>= 2700.00	.6			.7	1.2	1.6	1.8	.8	.8	.3	.3		.5
>= 4000.00	.1				.2		.4	.5	.1				.3
>= 6100.00								.1					

STATION 03251500 LICKING RIVER AT MCKINNEYSBURG, KY. 1938-1973 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 3.7	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 5.1	99.8	98.4	99.5	100	100	100	100	100	100	100	100	100	100
>= 6.8	99.7	97.5	98.6	100	100	100	100	100	100	100	100	100	100
>= 9.0	99.6	96.9	97.9	100	100	100	100	100	100	100	100	100	100
>= 12.0	99.3	94.6	97.7	100	100	100	100	100	100	100	100	100	99.4
>= 16.0	98.5	90.6	96.3	100	100	100	100	100	100	100	100	99.7	96.0
>= 22.0	97.5	87.3	94.9	100	99.7	100	100	100	100	100	100	98.9	88.8
>= 29.0	96.2	82.7	92.9	98.6	98.7	100	100	100	100	100	99.7	97.3	84.2
>= 38.0	94.4	75.3	89.1	96.2	98.7	100	100	100	100	100	99.0	95.8	79.5
>= 51.0	92.6	68.1	86.5	94.9	98.5	100	100	100	100	99.9	97.4	92.8	73.5
>= 69.0	89.7	58.2	83.1	93.5	98.3	100	100	100	100	98.9	94.4	86.6	64.2
>= 92.0	86.4	48.7	77.1	90.8	98.3	100	100	100	99.7	97.5	91.7	79.3	53.9
>= 120.0	83.2	41.4	71.8	89.9	97.7	100	100	100	99.5	95.2	86.4	72.6	44.7
>= 160.0	79.2	33.2	64.6	89.5	96.2	99.5	100	100	99.1	90.1	79.9	64.0	35.5
>= 220.0	74.7	26.9	57.4	87.3	94.2	98.1	100	100	97.8	80.6	70.8	55.2	29.3
>= 290.0	70.4	20.1	50.7	82.3	93.2	96.8	99.7	100	96.5	73.3	61.8	45.9	25.0
>= 390.0	66.1	15.3	45.4	76.8	92.2	95.0	99.6	100	94.7	63.4	52.6	38.4	20.6
>= 520.0	61.5	11.9	39.6	69.2	90.0	93.5	98.7	99.0	89.0	53.7	45.0	31.5	17.1
>= 690.0	56.6	8.5	34.5	62.7	87.4	91.5	98.3	94.2	81.5	44.7	37.8	25.6	13.7
>= 930.0	51.0	6.2	28.8	55.4	81.0	89.0	95.7	89.0	70.3	35.8	30.6	20.1	10.6
>= 1200.0	45.8	4.6	24.8	49.3	73.4	85.3	92.2	82.8	60.7	29.0	24.2	16.2	8.1
>= 1700.0	38.2	3.4	19.0	42.0	61.2	76.1	84.8	70.2	46.5	21.0	18.4	11.1	5.4
>= 2200.0	32.6	2.5	15.1	35.6	53.0	69.4	75.3	59.7	38.2	16.5	14.5	8.1	4.0
>= 3000.0	25.9	1.3	11.8	28.5	42.5	59.0	61.7	47.8	27.0	12.7	11.2	4.9	2.9
>= 3900.0	21.0	.9	8.6	22.8	35.5	48.3	51.7	39.8	21.5	9.8	8.0	3.3	2.5
>= 5300.0	16.4	.4	6.2	18.0	28.5	38.2	41.9	31.1	16.6	7.1	5.3	2.3	1.2
>= 7000.0	12.5	.1	3.8	13.7	22.1	29.4	33.2	23.7	12.3	5.1	4.2	1.7	.8
>= 9400.0	8.8		2.4	9.7	15.7	21.5	24.7	15.3	8.3	3.3	3.0	.8	.7
>= 13000.0	5.4		1.0	5.5	8.7	15.0	17.1	9.0	5.5	1.7	1.6		.4
>= 17000.0	3.2		.2	2.9	4.8	9.2	11.5	5.1	2.4	1.0	.8		.4
>= 22000.0	1.6			1.0	2.5	4.7	6.2	2.4	1.0	.5	.3		.2
>= 30000.0	.4			.3	.5	1.6	1.8	.8	.3	.1			
>= 40000.0	.1						.6	.2	.1				

STATION 03251500 LICKING RIVER AT MCKINNEYSBURG, KY. 1975-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
= 54	100	100	100	100	100	100	100	100	100	100	100	100	100
= 65	99.9	100	100	100	100	100	100	100	100	100	100	100	99.2
= 79	99.7	100	100	100	100	100	100	100	100	100	100	99.2	96.7
= 96	99.0	100	100	100	100	100	100	100	100	95.0	100	97.6	95.0
= 120	97.6	100	100	100	100	100	100	100	100	83.3	99.2	96.8	91.7
= 140	96.6	100	100	100	100	100	100	100	96.0	76.7	99.2	96.8	90.8
= 170	95.1	100	97.5	100	100	100	100	100	90.3	73.3	99.2	95.2	85.0
= 210	92.7	100	94.2	100	100	100	100	100	84.7	67.5	96.0	89.5	80.0
= 250	91.6	100	91.7	100	100	100	100	100	80.6	65.8	93.5	97.9	79.2
= 310	89.0	100	90.8	96.8	100	100	100	100	74.2	61.7	83.1	84.7	76.7
= 370	85.1	100	87.5	96.0	100	100	100	97.5	71.0	60.0	72.6	72.6	65.0
= 450	81.2	97.6	85.0	94.4	95.2	100	100	94.2	69.4	57.5	56.5	65.3	60.0
= 540	76.6	92.7	80.8	94.4	91.1	90.3	100	90.8	66.9	52.5	44.4	62.9	52.5
= 660	71.5	89.5	72.5	91.9	83.1	87.6	100	85.8	64.5	42.5	32.3	59.7	48.3
= 800	65.7	79.0	68.3	89.5	77.4	86.7	100	80.0	62.1	35.0	21.0	56.5	33.3
= 970	58.5	53.2	55.8	86.3	72.6	85.8	97.6	75.8	58.9	25.8	16.1	50.8	24.2
= 1200	52.5	42.7	48.3	79.0	71.0	82.3	96.0	68.3	57.3	18.3	12.9	37.1	17.5
= 1400	47.7	37.9	38.3	75.0	67.7	80.5	89.5	65.8	55.6	13.3	6.5	28.2	15.0
= 1700	44.1	33.1	32.5	73.4	66.1	77.0	83.1	61.7	54.0	11.7	6.5	18.5	12.5
= 2100	40.0	26.6	30.0	67.7	63.7	70.6	75.0	57.5	50.8	10.0	2.4	16.1	10.0
= 2500	37.3	25.0	27.5	64.5	61.3	66.4	69.4	55.8	48.4	5.8	.8	13.7	10.0
= 3100	34.4	20.2	21.7	62.1	58.9	61.1	66.9	53.3	46.8	5.0	.8	8.1	8.3
= 3700	31.7	17.7	16.7	56.5	54.8	58.4	63.7	48.3	46.0	1.7	.8	8.1	8.3
= 4500	25.9	12.0	8.3	44.3	48.3	52.2	58.8	40.8	32.2		.8	7.2	6.6
= 5500	17.2	7.2	2.5	34.6	37.9	30.0	43.5	17.5	21.7			5.6	5.8
= 6600	12.1	4.8	.8	20.1	25.8	23.0	36.2	12.5	14.5			3.2	5.0
= 8000	8.2	3.2		13.7	15.3	17.6	27.4	9.1	8.0				5.0
= 9700	5.8	2.4		7.2	10.4	13.2	23.3	5.0	4.0				4.1
= 12000	4.1	2.4		4.0	6.4	7.9	19.3	4.1	1.6				3.3
= 14000	3.2	2.4		2.4	5.6	6.1	16.9	4.1					1.6
= 17000	2.0	1.6		1.6	2.4	4.4	10.4	3.3					.8
= 21000	1.3	1.6			2.4	2.6	7.2	2.5					
= 25000	.6	.8			.8	.8	2.4	2.5					
= 31000							.8						

STATION 03251500 LICKING RIVER AT MCKINNEYSBURG, KY. 1924-1926 1938-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
= 3.7	100	100	100	100	100	100	100	100	100	100	100	100	100
= 5.1	99.8	98.6	99.6	100	100	100	100	100	100	100	100	100	100
= 6.8	99.7	97.8	98.7	100	100	100	100	100	100	100	100	100	100
= 9.0	99.6	97.2	98.2	100	100	100	100	100	100	100	100	100	100
= 12.0	99.4	95.2	97.9	100	100	100	100	100	100	100	100	100	99.5
= 16.0	98.7	91.7	96.7	100	100	100	100	100	100	100	100	99.8	96.5
= 22.0	97.8	88.8	95.5	100	99.8	100	100	100	100	100	100	99.1	90.2
= 29.0	96.6	84.8	93.7	98.8	98.8	100	100	100	100	100	99.8	97.6	86.1
= 38.0	95.1	78.3	90.4	96.6	98.8	100	100	100	100	100	99.1	96.3	82.0
= 51.0	93.5	71.9	88.1	95.5	98.7	100	100	100	100	99.9	97.7	93.7	76.7
= 69.0	90.9	62.7	85.1	94.3	98.5	100	100	100	100	99.0	95.0	88.3	68.5
= 92.0	87.8	53.5	79.8	91.9	98.5	100	100	100	99.8	97.5	92.7	81.6	59.0
= 120.0	84.8	46.6	75.2	91.1	98.0	100	100	100	99.5	94.1	88.0	75.6	50.7
= 160.0	81.2	39.2	68.7	90.7	96.6	99.6	100	100	98.4	88.8	82.3	68.0	42.4
= 220.0	76.8	33.4	61.3	88.8	94.5	98.3	100	100	96.5	79.8	73.8	59.6	35.9
= 290.0	72.7	27.3	54.7	84.1	94.0	97.2	99.8	100	94.8	72.8	64.9	51.2	32.0
= 390.0	68.3	23.0	49.3	79.1	93.1	95.6	99.6	99.6	92.5	63.8	54.8	43.0	26.7
= 520.0	63.5	19.6	43.7	72.4	90.3	94.1	98.8	98.0	87.1	54.6	45.9	35.8	22.8
= 690.0	58.3	15.9	37.9	65.6	87.1	91.3	98.5	92.8	80.0	45.4	36.7	30.3	18.9
= 930.0	52.1	10.8	31.5	58.7	80.7	88.7	96.0	87.0	69.2	36.2	28.8	24.2	14.3
= 1200.0	46.7	8.1	26.9	52.5	73.8	84.6	92.6	80.6	60.2	29.2	22.7	19.1	10.7
= 1700.0	39.0	6.1	20.3	45.3	62.6	75.5	84.6	68.9	47.0	21.5	16.8	12.6	7.8
= 2200.0	33.6	4.7	16.7	38.9	55.1	68.5	75.4	59.2	39.2	17.2	13.0	9.4	6.3
= 3000.0	27.1	3.3	13.0	32.2	45.3	58.5	62.8	48.3	28.6	13.4	9.9	5.8	5.1
= 3900.0	22.3	2.5	9.3	26.0	38.4	48.3	53.4	40.6	23.3	10.1	7.1	4.3	4.5
= 5300.0	16.8	1.3	6.0	19.8	30.9	37.0	43.2	30.2	16.9	6.7	4.7	2.9	2.2
= 7000.0	12.5	.5	3.8	13.9	23.2	27.9	34.1	22.5	12.2	4.9	3.6	2.0	1.5
= 9400.0	8.6	.3	2.3	9.4	15.7	20.3	25.0	14.5	7.8	3.2	2.6	1.0	1.2
= 13000.0	5.3	.2	1.1	5.2	8.6	13.9	17.0	8.5	5.1	1.7	1.4		.7
= 17000.0	3.1	.1	.4	2.7	4.9	8.6	11.3	4.8	2.1	1.1	.7		.4
= 22000.0	1.5	.1		.9	2.7	4.4	5.9	2.3	.9	.5	.3		.2
= 30000.0	.4			.3	.6	1.4	1.7	.8	.3	.1			
= 40000.0							.5	.2	.1				

STATION 03252000 STONER CREEK AT PARIS, KY. 1953-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= .1	100	100	100	100	100	100	100	100	100	100	100	100	100
>= .3	99.9	100	98.7	99.7	100	100	100	100	100	100	100	100	99.9
>= .4	99.8	99.9	98.1	99.7	100	100	100	100	100	100	100	100	99.9
>= .5	99.7	99.1	98.0	99.6	100	100	100	100	100	100	100	100	99.6
>= .8	99.0	96.9	96.5	99.6	100	100	100	100	100	100	99.1	98.6	97.1
>= 1.1	98.3	94.2	95.9	99.6	100	100	100	100	100	100	97.6	97.6	94.9
>= 1.5	96.7	91.2	93.3	99.5	100	100	100	100	100	99.0	96.5	92.7	88.1
>= 2.1	93.0	80.5	88.7	97.4	98.6	100	100	100	99.6	97.8	92.6	83.3	77.7
>= 2.9	89.7	70.6	83.3	95.2	98.1	100	100	100	99.4	96.7	89.1	76.4	68.1
>= 4.0	86.8	60.9	80.0	94.5	98.1	100	100	100	99.4	94.7	82.9	73.0	59.9
>= 5.6	83.9	52.1	75.5	93.9	97.8	100	100	100	98.9	91.4	77.2	67.9	53.2
>= 7.8	80.5	47.1	68.8	92.8	97.8	100	100	100	98.3	86.4	70.0	62.9	44.2
>= 11.0	77.5	41.0	65.2	91.2	97.7	100	100	100	95.5	81.3	63.0	57.9	39.1
>= 15.0	73.5	36.6	61.1	87.1	97.4	100	100	100	91.8	71.8	55.0	51.0	33.7
>= 21.0	68.7	30.5	54.0	85.0	95.0	96.7	100	100	85.6	60.5	48.5	44.4	27.6
>= 30.0	63.6	25.3	46.9	79.4	90.3	95.6	99.9	98.6	76.8	51.9	42.6	37.6	22.2
>= 42.0	57.6	18.7	41.3	71.4	89.0	94.1	98.1	93.2	67.0	41.2	35.5	30.1	16.5
>= 58.0	52.6	15.4	35.9	67.6	85.5	92.5	97.5	85.9	57.9	32.1	29.2	23.9	12.7
>= 81.0	46.6	11.4	28.5	63.6	79.2	89.5	95.2	73.3	48.3	24.2	23.1	18.6	9.7
>= 110.0	41.1	8.3	24.8	58.2	70.8	82.4	88.9	63.2	40.1	19.9	18.6	14.9	8.1
>= 160.0	33.9	5.8	18.8	48.4	60.1	73.1	76.9	53.1	30.4	15.4	13.5	10.3	6.3
>= 220.0	27.5	4.4	13.9	39.4	48.8	59.6	65.8	43.5	24.6	11.4	9.8	8.6	5.0
>= 310.0	21.1	2.8	9.2	29.8	38.5	46.5	52.1	33.1	18.6	8.6	6.7	6.6	3.5
>= 430.0	15.0	2.0	6.0	21.9	26.4	32.5	38.9	23.7	13.3	5.6	4.4	5.3	2.6
>= 600.0	10.5	1.4	4.6	15.2	18.1	22.3	27.0	16.6	9.5	4.2	2.4	4.3	2.3
>= 840.0	7.3	.7	2.8	10.5	11.7	15.4	20.3	11.6	7.0	2.5	1.7	2.8	1.6
>= 1200.0	4.9	.5	1.4	6.7	8.1	11.0	13.9	7.5	4.8	1.6	1.3	2.3	1.0
>= 1600.0	3.5	.5	.9	4.3	5.5	7.7	10.3	5.1	3.5	.8	1.1	1.9	.7
>= 2300.0	2.1	.3	.4	2.5	3.0	5.2	6.4	3.7	2.3	.5	.4	.7	.5
>= 3200.0	1.2	.2	.2	1.2	1.6	2.9	4.3	2.0	.9	.2	.1	.3	.2
>= 4500.0	.5	.1	.1	.3	.7	1.1	2.0	1.0	.4			.3	
>= 6300.0	.2	.1	.1	.3	.1	.5	.7	.3	.1			.1	
>= 8700.0		.1			.1	.1	.5	.1					
>= 12000.0							.1	.1					

STATION 03252500 SOUTH FORK LICKING RIVER AT CYNTHIANA, KY. 1938-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= .2	100	100	100	100	100	100	100	100	100	100	100	100	100
>= .4	99.9	99.7	99.3	100	100	100	100	100	100	100	100	100	100
>= .6	99.8	98.7	98.9	100	100	100	100	100	100	100	100	100	100
>= .8	99.7	98.4	98.4	100	100	100	100	100	100	100	100	100	100
>= 1.2	99.0	97.3	95.8	97.1	99.5	100	100	100	100	100	100	100	98.0
>= 1.7	98.3	93.4	93.4	97.1	99.6	100	100	100	100	100	100	99.6	96.7
>= 2.4	96.2	82.3	88.9	96.3	98.5	100	100	100	99.5	99.5	99.6	96.3	92.8
>= 3.4	93.5	70.5	82.5	93.5	97.3	100	100	100	99.4	99.5	99.3	94.0	85.3
>= 4.8	90.0	60.9	74.9	92.1	96.5	100	100	100	99.4	98.1	97.6	88.0	71.1
>= 6.8	87.5	54.1	70.5	91.1	96.4	100	100	100	99.4	96.3	94.7	83.0	63.7
>= 9.6	84.6	49.8	65.5	90.2	96.0	99.7	100	100	99.1	95.1	88.7	76.1	55.1
>= 14.0	82.3	44.4	62.5	89.7	95.9	98.5	100	100	98.8	92.0	84.7	71.3	49.7
>= 19.0	79.9	38.8	59.8	89.5	95.4	97.8	100	100	97.6	89.3	80.0	67.2	43.9
>= 27.0	76.9	33.8	57.0	87.6	94.4	97.7	100	100	96.2	82.8	74.1	60.8	38.7
>= 38.0	73.2	28.5	54.0	84.6	91.3	96.5	100	100	93.2	76.3	66.0	53.4	33.3
>= 54.0	69.1	24.4	48.5	81.1	89.5	95.3	100	99.7	88.1	69.8	58.9	46.7	27.7
>= 77.0	64.2	20.9	43.3	74.5	87.4	94.5	99.7	97.8	81.1	60.2	50.7	37.5	22.8
>= 110.0	58.1	14.7	37.9	66.5	84.5	92.7	98.6	94.9	69.0	50.4	40.3	29.9	18.2
>= 150.0	52.7	11.3	32.8	62.1	78.5	91.0	96.8	88.0	60.6	39.6	31.9	23.4	14.1
>= 220.0	45.6	8.1	25.8	57.1	67.5	85.8	92.3	76.1	48.1	29.2	24.5	16.5	9.2
>= 310.0	38.4	5.3	21.1	49.6	58.1	77.1	83.6	64.5	36.6	22.4	18.3	12.0	6.6
>= 440.0	31.5	3.1	16.3	40.6	47.7	68.1	72.1	52.4	28.0	16.3	13.1	8.3	4.7
>= 620.0	25.0	2.6	13.1	32.7	37.4	55.1	59.5	41.1	20.6	11.6	9.7	6.5	3.3
>= 870.0	19.1	1.6	8.4	26.2	29.1	42.6	47.5	31.2	15.1	8.4	6.6	4.0	2.4
>= 1200.0	14.5	1.0	6.5	19.1	20.7	33.9	36.9	23.0	10.8	5.8	4.4	3.1	1.9
>= 1700.0	10.4	.7	4.0	13.7	14.6	25.3	27.0	16.1	7.7	4.3	3.5	2.2	1.5
>= 2500.0	7.1	.5	2.6	9.2	10.0	16.2	19.5	11.1	5.1	2.8	2.2	1.5	1.0
>= 3500.0	5.0	.4	1.3	5.5	6.2	12.1	14.5	6.9	3.7	2.1	1.7	1.1	.8
>= 4900.0	3.2	.1	1.0	3.3	3.3	7.6	9.9	4.8	2.2	1.3	1.1	.7	.3
>= 7000.0	1.8	.1	.5	2.0	1.6	4.6	5.9	2.9	1.4	.7	.5	.3	.2
>= 9900.0	.9	.1	.1	.8	.8	2.6	3.3	1.7	.4	.7	.1		
>= 14000.0	.4			.3	.3	1.0	1.6	.7	.1	.3			
>= 20000.0						.1	.3	.2					

STATION 03253500 LICKING RIVER AT CATAWBA, KY. 1915-1917 1928-1973 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 2.8	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 4.0	99.9	99.2	99.5	100	100	100	100	100	100	100	100	99.9	100
>= 5.4	99.8	98.4	99.1	100	100	100	100	100	100	100	100	99.7	100
>= 7.4	99.5	97.3	98.6	100	100	100	100	100	100	100	99.7	99.2	99.1
>= 10.0	99.2	95.9	97.4	100	100	100	100	100	100	100	99.5	99.1	98.9
>= 14.0	99.0	94.9	97.0	100	100	100	100	100	100	100	99.0	98.8	98.4
>= 19.0	98.4	91.4	96.7	100	100	100	100	100	100	100	98.4	98.1	96.0
>= 26.0	97.6	87.5	95.2	100	100	100	100	100	100	100	97.7	97.6	93.5
>= 35.0	96.3	82.0	92.8	98.8	99.2	100	10	100	100	99.7	96.2	97.0	89.9
>= 48.0	94.3	75.4	88.4	95.0	98.7	100	100	100	100	99.3	95.4	95.6	84.5
>= 65.0	92.4	68.7	85.6	93.1	98.5	99.7	100	100	100	98.7	94.2	93.6	77.2
>= 89.0	89.8	61.6	81.6	90.1	98.1	99.4	100	100	99.9	97.3	92.8	87.4	69.9
>= 120.0	86.7	51.2	76.9	88.4	97.3	99.3	100	100	99.7	95.5	90.4	80.2	62.6
>= 170.0	82.7	41.9	69.0	87.7	96.3	99.3	100	100	99.6	91.5	85.2	72.3	50.1
>= 230.0	78.4	32.5	61.2	86.5	94.8	99.1	100	100	98.9	86.2	76.5	64.7	41.0
>= 310.0	73.3	24.4	52.3	83.2	93.4	96.5	99.9	100	97.3	79.0	67.5	54.9	32.7
>= 430.0	67.8	16.8	45.0	77.6	92.7	95.0	99.9	100	94.0	69.1	56.8	42.7	25.9
>= 580.0	62.7	13.0	38.8	70.8	91.4	93.0	98.8	99.5	86.1	57.7	48.3	35.6	21.4
>= 790.0	57.7	9.3	33.5	64.7	88.3	90.7	98.8	96.1	76.7	49.3	40.5	29.7	16.3
>= 1100.0	51.9	6.7	28.9	57.0	82.7	88.5	96.3	91.3	66.0	39.5	32.7	23.3	12.4
>= 1500.0	46.1	4.8	23.5	50.5	76.0	85.0	92.5	81.9	55.7	31.0	24.9	19.1	9.9
>= 2000.0	40.0	3.2	20.0	44.0	67.4	77.8	85.4	72.1	45.2	24.5	20.6	14.3	7.3
>= 2800.0	32.9	2.2	16.5	35.7	56.8	68.2	74.5	59.4	34.7	17.9	15.2	10.3	5.3
>= 3800.0	26.7	1.3	12.1	29.5	47.6	57.9	62.9	48.3	27.3	13.6	11.8	6.5	3.7
>= 5200.0	21.1	.8	9.1	23.0	39.0	45.1	51.8	38.5	21.1	9.9	8.6	4.5	2.8
>= 7000.0	16.5	.4	6.3	18.4	32.1	34.8	42.7	30.4	16.4	7.1	6.2	2.8	1.8
>= 9600.0	12.2	.1	3.9	13.5	24.4	25.4	33.2	22.5	12.0	5.1	4.2	1.5	1.4
>= 13000.0	8.8	.1	2.2	9.3	18.5	18.5	25.4	15.3	8.7	3.2	2.8	1.0	.9
>= 18000.0	5.4		.8	5.5	10.9	12.7	17.0	8.7	5.2	1.7	1.7	.2	.7
>= 25000.0	2.8		.1	2.6	6.3	7.0	9.7	4.8	2.1	.8	.4		.4
>= 34000.0	1.3			1.2	3.4	2.9	4.1	2.1	1.0	.4	.2		.1
>= 46000.0	.4			.4	1.3	.7	1.7	.8	.2	.2			
>= 63000.0	.1				.4		.4	.2	.1				

STATION 03253500 LICKING RIVER AT CATAWBA, KY. 1975-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .85	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 100.00	99.9	100	100	100	100	100	100	100	100	100	100	100	98.3
>= 130.00	99.1	100	100	100	100	100	100	100	100	94.2	100	99.2	95.8
>= 150.00	97.6	100	100	100	100	100	100	100	100	79.2	100	98.4	93.3
>= 190.00	96.1	100	100	100	100	100	100	100	99.6	76.7	100	97.6	82.5
>= 220.00	94.7	100	98.3	100	100	100	100	100	89.5	75.0	99.2	92.7	80.8
>= 270.00	93.6	100	95.8	100	100	100	100	100	87.1	71.7	99.2	89.5	79.2
>= 330.00	91.9	100	93.3	100	100	100	100	100	81.5	68.3	96.8	85.5	76.7
>= 400.00	87.7	100	91.7	97.6	100	100	100	100	76.6	63.3	80.6	79.0	64.2
>= 490.00	83.6	98.4	88.3	96.0	94.4	100	100	99.2	70.2	60.0	68.5	71.8	57.5
>= 590.00	78.3	96.0	83.3	95.2	91.9	91.2	100	95.0	66.9	52.5	50.0	65.3	52.5
>= 720.00	73.2	89.5	75.0	92.7	85.5	89.4	100	90.8	63.7	47.5	39.5	60.5	44.2
>= 880.00	67.1	75.0	70.0	91.1	77.4	87.6	100	84.2	62.1	38.3	29.0	58.1	32.5
>= 1100.00	61.8	58.9	64.2	87.9	75.8	85.8	99.2	79.2	89.7	31.7	21.8	53.2	25.0
>= 1300.00	57.1	53.2	51.7	85.5	71.8	85.0	97.6	71.7	58.9	25.8	16.9	46.0	21.7
>= 1600.00	52.2	44.4	45.8	81.5	71.0	83.2	93.5	68.3	55.6	19.2	12.1	33.9	18.3
>= 1900.00	48.7	40.3	42.5	75.0	69.4	82.3	88.7	64.2	54.0	17.5	10.5	26.6	15.0
>= 2300.00	44.8	31.5	35.8	72.6	67.7	78.8	83.1	64.2	51.6	13.3	4.8	21.8	13.3
>= 2800.00	40.9	28.2	31.7	69.4	64.5	71.7	79.0	58.3	49.2	10.0	1.6	17.7	10.0
>= 3400.00	37.6	23.4	27.5	65.3	62.1	66.4	70.2	55.0	46.8	8.3	.8	16.9	10.0
>= 4200.00	32.2	17.7	15.8	56.5	58.9	61.9	64.5	46.7	42.7	.8	.8	12.9	8.3
>= 5000.00	26.4	12.1	9.2	47.6	54.0	57.5	56.5	30.8	31.5		.8	11.3	6.7
>= 6100.00	20.5	9.7	3.3	41.1	44.4	44.2	46.8	17.5	24.2		.8	8.1	5.8
>= 7500.00	14.3	7.2	.8	29.0	29.8	30.9	36.2	12.5	14.5			4.8	5.8
>= 9000.00	10.8	5.6		16.9	24.1	21.2	33.0	10.0	11.2			2.4	5.0
>= 11000.00	8.2	4.0		13.7	18.5	17.6	26.6	5.8	8.0				5.0
>= 13000.00	6.7	3.2		9.6	13.7	14.1	25.0	5.0	6.4				3.3
>= 16000.00	4.5	2.4		4.0	8.8	10.6	20.1	5.0	.8				3.3
>= 20000.00	3.4	2.4		3.2	6.4	6.1	16.1	4.1	.8				1.6
>= 24000.00	2.4	2.4		1.6	5.6	4.4	11.2	3.3					.8
>= 29000.00	1.9	1.6		.8	4.0	4.4	9.6	2.5					
>= 35000.00	1.3	1.6			3.2	2.6	5.6	2.5					
>= 43000.00	.5	.8			.8	.8	2.4	1.6					
>= 52000.00	.1						.8	.8					

STATION 03253500 LICKING RIVER AT CATAWBA, KY. 1915-1917 1928-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 2.8	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 4.0	99.9	99.3	99.6	100	100	100	100	100	100	100	100	99.9	100
>= 5.4	99.8	98.5	99.2	100	100	100	100	100	100	100	100	99.8	100
>= 7.4	99.5	97.5	98.7	100	100	100	100	100	100	100	99.7	99.3	99.2
>= 10.0	99.3	96.3	97.6	100	100	100	100	100	100	100	99.5	99.2	99.0
>= 14.0	99.1	95.3	97.3	100	100	100	100	100	100	100	99.1	98.9	98.6
>= 19.0	98.5	92.2	97.1	100	100	100	100	100	100	100	98.6	98.3	96.4
>= 26.0	97.9	88.7	95.7	100	100	100	100	100	100	100	98.0	97.8	94.2
>= 35.0	96.7	83.7	93.5	98.9	99.3	100	100	100	100	99.7	96.6	97.3	90.8
>= 48.0	94.9	77.7	89.6	95.5	98.8	100	100	100	100	99.4	95.8	96.0	86.0
>= 65.0	93.1	71.7	87.0	93.7	98.6	99.7	100	100	100	98.8	94.8	94.2	79.4
>= 89.0	90.7	64.6	83.3	91.1	98.3	99.5	100	100	99.9	97.6	93.5	88.6	72.7
>= 120.0	87.9	55.1	79.1	89.5	97.5	99.4	100	100	99.8	95.8	91.3	82.1	65.9
>= 170.0	84.0	46.5	72.0	88.9	96.7	99.4	100	100	99.5	90.6	86.7	74.8	54.2
>= 230.0	79.9	37.6	64.6	87.8	95.3	99.2	100	100	98.1	85.4	78.7	67.4	45.2
>= 310.0	75.1	30.0	55.5	84.8	94.0	96.9	99.9	100	96.3	78.7	70.5	58.4	37.5
>= 430.0	69.7	23.1	48.5	79.6	93.4	95.5	99.9	100	92.5	69.0	59.1	46.4	30.1
>= 580.0	64.4	19.3	42.2	73.3	91.7	93.1	98.9	99.2	84.9	58.0	49.1	39.0	25.3
>= 790.0	59.1	15.1	36.3	67.4	88.0	90.7	98.9	95.3	75.9	49.7	40.3	33.2	19.6
>= 1100.0	53.1	10.7	31.4	59.6	82.5	88.5	96.6	89.9	65.8	39.8	32.1	26.6	15.1
>= 1500.0	46.9	8.0	25.3	53.3	76.1	85.0	92.8	80.5	55.8	31.2	23.9	21.3	12.0
>= 2000.0	40.9	5.9	21.6	46.7	68.2	77.9	85.8	71.2	45.9	25.1	19.5	15.9	9.2
>= 2800.0	33.8	4.2	17.7	38.8	58.2	68.1	75.0	59.2	35.5	18.5	13.9	11.4	7.0
>= 3800.0	27.6	2.8	13.0	32.4	49.6	57.8	63.6	48.3	28.4	13.9	10.7	7.6	5.4
>= 5200.0	21.7	1.6	9.2	25.4	41.0	45.6	52.5	37.7	21.5	10.0	7.8	5.3	4.1
>= 7000.0	16.7	.9	6.2	19.4	33.1	34.4	43.0	29.2	16.5	6.9	5.6	3.5	2.7
>= 9600.0	12.2	.5	3.9	13.5	25.0	24.4	33.4	21.6	11.8	5.0	3.8	1.7	1.9
>= 13000.0	8.7	.3	2.3	9.2	18.4	17.8	25.6	14.6	8.4	3.2	2.5	1.1	1.3
>= 18000.0	5.3	.1	.9	5.3	10.8	12.1	17.1	8.5	4.8	1.8	1.6	.3	.8
>= 25000.0	2.8	.1	.3	2.4	6.3	6.6	9.8	4.6	1.9	.8	.4		.4
>= 34000.0	1.3	.1	.1	1.1	3.5	2.8	4.1	2.1	.9	.5	.2		.1
>= 46000.0	.4			.4	1.3	.7	1.7	.8	.2	.2			
>= 63000.0					.3		.4	.1	.1				

STATION 03254400 NORTH FORK GRASSY CREEK NEAR PINER, KY. 1968-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	93.2	80.1	98.2	100	100	100	100	100	100	97.0	87.1	79.2	77.3
>= .02	92.9	79.2	98.2	100	100	100	100	100	100	97.0	86.8	76.8	77.0
>= .03	92.3	77.7	97.3	100	100	100	100	100	100	97.0	86.2	74.2	75.5
>= .05	91.4	73.0	97.0	100	100	100	100	100	100	96.7	85.9	71.8	73.3
>= .07	90.6	69.5	97.0	100	100	100	100	100	100	96.1	85.9	69.8	69.4
>= .10	90.1	68.3	97.0	100	100	100	100	100	100	95.2	85.3	68.6	67.3
>= .20	87.6	65.1	94.8	100	100	100	100	100	100	93.6	76.5	63.9	57.9
>= .30	85.2	63.9	90.0	100	97.1	100	100	100	100	92.4	69.8	60.1	50.3
>= .40	82.6	60.7	86.4	98.5	94.4	98.1	100	100	98.8	90.0	62.5	56.3	46.1
>= .60	78.8	56.6	81.5	95.6	90.9	97.1	100	100	97.1	83.3	54.3	48.7	42.1
>= .90	73.4	42.2	71.8	90.9	87.7	95.8	100	100	94.4	75.2	45.7	43.1	36.1
>= 1.20	69.5	36.1	62.4	87.7	86.5	95.5	98.8	100	90.6	70.0	37.5	38.7	31.8
>= 1.70	64.0	26.1	53.6	81.8	83.3	93.6	97.4	100	87.4	59.1	29.3	32.6	26.1
>= 2.50	56.5	15.8	45.2	74.8	75.7	90.4	93.8	94.2	78.3	47.0	21.4	24.3	19.4
>= 3.50	50.1	10.3	35.5	71.8	72.7	82.3	90.9	86.1	65.1	37.3	17.3	17.6	16.4
>= 4.90	42.6	7.0	26.4	65.7	67.4	75.6	85.0	74.5	51.3	23.9	13.2	11.7	11.2
>= 6.90	35.2	5.3	22.1	56.0	56.9	65.6	75.7	60.0	37.8	16.7	10.3	9.1	8.2
>= 9.80	28.3	4.1	19.1	47.5	45.7	52.4	66.6	48.5	25.8	11.5	7.0	7.0	5.2
>= 14.00	21.8	3.5	13.6	36.4	37.8	33.8	56.3	36.7	18.8	7.9	6.5	6.2	3.9
>= 20.00	15.1	2.3	9.7	23.8	27.3	20.9	40.5	24.8	15.2	5.2	5.3	4.4	2.1
>= 28.00	10.9	2.3	8.5	16.1	18.2	15.8	29.0	17.0	10.6	4.2	4.1	3.5	1.5
>= 39.00	8.6	2.1	7.3	13.5	14.7	11.6	22.3	13.3	8.2	3.6	3.2	2.6	1.2
>= 55.00	6.7	1.8	5.5	9.7	11.1	7.7	17.6	10.9	7.3	2.7	2.9	2.3	.9
>= 78.00	4.4	1.4	4.8	7.3	4.9	4.1	11.7	7.8	4.6	2.1	1.7	2.0	.6
>= 110.00	3.1	.8	3.3	4.3	4.3	2.8	7.9	5.7	2.9	1.2	1.1	1.7	.6
>= 160.00	2.0	.2	2.1	3.5	3.5	2.5	4.9	3.3	2.0	.3	.5	1.1	.3
>= 220.00	1.3	.2	1.8	1.4	2.9	1.6	3.5	2.4	1.7	.3	.2		.3
>= 310.00	.5		.3	.5	.8	1.2	.8	2.1	.5				
>= 440.00	.2		.3			.6	.2	1.5	.2				
>= 620.00	.1					.3		.9	.2				
>= 870.00						.3		.3	.2				

STATION 03255000 OHIO RIVER AT CINCINNATI, OH. 1940-1975 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
3530	100	100	100	100	100	100	100	100	100	100	100	100	100
4100	100	99.5	100	100	100	100	100	100	100	100	100	100	100
4900	100	99.5	100	100	100	100	100	100	100	100	100	100	100
5700	100	99.5	100	100	100	100	100	100	100	100	100	100	100
6700	99.5	96.2	98.2	100	100	100	100	100	100	100	99.9	99.4	98.7
7800	98.9	91.4	98.2	100	100	100	100	100	100	100	99.9	98.3	95.7
9200	97.6	86.8	95.6	99.9	100	100	100	100	100	100	99.6	95.4	87.7
11000	96.1	80.0	95.2	99.8	100	100	100	100	100	100	99.3	90.7	77.0
13000	93.8	69.9	91.4	98.8	100	100	100	100	100	100	97.3	84.6	66.0
15000	91.1	58.6	87.7	97.7	99.7	100	100	100	100	99.6	93.2	76.2	55.0
17000	88.7	49.5	84.4	96.1	99.0	100	100	100	99.8	99.4	89.0	69.4	46.6
20000	85.3	39.1	79.0	93.5	98.0	99.9	100	100	99.2	97.0	81.0	58.6	39.2
24000	82.0	31.0	71.3	90.4	95.1	99.0	100	100	98.2	94.5	74.6	51.3	34.5
28000	78.5	24.5	65.1	85.4	93.6	98.2	100	99.9	97.2	89.9	65.7	44.0	29.4
33000	74.5	18.7	55.8	81.9	91.4	96.1	99.5	99.8	94.9	83.4	57.1	36.6	23.9
39000	69.7	12.0	47.2	76.8	88.2	92.2	97.8	99.6	92.7	76.1	48.4	28.6	17.6
46000	63.9	9.8	38.1	69.7	81.5	88.2	96.3	97.7	86.6	64.4	38.6	20.5	12.7
53000	60.5	8.6	31.4	65.2	77.7	86.0	95.4	96.5	82.1	58.9	32.3	17.5	11.2
63000	56.4	6.3	28.0	60.8	71.4	82.7	94.4	93.1	76.0	50.9	26.8	14.2	9.1
74000	51.4	4.2	23.5	54.0	65.8	78.3	92.2	89.2	69.4	42.8	19.1	10.1	6.9
86000	46.5	3.4	20.0	46.7	59.5	71.9	88.2	84.7	61.8	35.8	13.2	8.1	5.7
100000	42.2	2.3	17.1	41.7	54.7	66.0	83.5	80.5	54.8	29.8	9.7	5.6	5.0
120000	35.5	1.6	12.9	33.1	47.3	58.2	75.4	71.1	42.7	21.9	6.0	3.6	3.4
140000	29.3	.9	8.8	25.4	40.4	51.2	68.1	59.8	30.7	15.1	3.9	2.9	1.8
160000	24.1	.8	4.7	19.2	33.9	45.0	59.9	49.0	23.7	11.3	3.1	1.5	1.4
190000	18.1	.6	1.3	12.8	25.1	36.2	48.9	38.4	14.9	7.8	1.8	.8	.7
230000	12.1	.5	.3	8.2	16.3	25.9	33.6	26.6	8.7	3.7	.6	.4	.4
260000	9.0	.2	.3	5.7	12.0	19.5	27.2	18.5	6.9	2.3	.6	.1	
310000	5.5		.2	3.5	6.1	11.0	20.2	9.4	5.1	1.2			
360000	3.6		.1	1.9	4.3	6.5	14.8	5.8	3.3	.2			
430000	1.5			1.0	1.7	1.9	7.3	1.8	1.3				
500000	.6				.5	.4	4.2	1.1	.4				
590000	.1						.9	.3					

STATION 03277200 OHIO RIVER AT MARKLAND DAM, KY. 1970-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
7800	100	100	100	100	100	100	100	100	100	99.6	100	100	100
8900	99.9	100	100	100	100	100	100	100	100	99.6	100	100	99.6
10000	99.9	100	100	100	100	100	100	100	100	99.6	100	100	99.3
12000	99.7	100	100	100	100	100	100	100	100	99.6	99.6	99.6	97.4
13000	99.5	100	100	100	100	100	100	100	100	99.6	98.9	99.3	96.3
15000	99.3	99.6	100	100	100	100	100	100	99.6	99.6	98.9	98.6	95.2
17000	98.4	98.8	100	100	100	100	100	100	99.6	98.9	98.9	95.3	90.0
20000	96.6	94.4	100	100	100	100	100	100	98.9	95.6	98.6	90.7	82.6
22000	95.2	91.5	99.6	100	100	100	100	100	98.2	94.8	97.8	86.7	75.9
26000	91.8	85.5	97.1	100	99.6	99.6	100	100	97.8	91.5	93.5	76.3	65.2
29000	88.8	80.2	95.4	100	98.8	98.2	100	100	96.4	89.3	88.5	68.1	57.0
33000	84.7	73.0	91.3	100	94.4	95.6	100	99.6	94.3	86.7	79.9	58.4	50.4
38000	80.0	62.5	87.1	100	90.3	95.1	100	99.6	91.4	83.0	68.1	50.9	40.7
43000	75.2	54.8	79.2	100	88.3	95.1	100	98.3	88.5	77.8	55.2	40.1	35.6
49000	70.8	46.4	75.4	98.8	87.5	95.1	100	95.8	84.9	67.8	44.4	33.7	33.0
56000	65.7	39.1	66.7	96.4	86.7	93.8	100	90.4	81.7	58.5	35.8	25.1	28.1
64000	60.6	30.6	56.3	92.3	84.7	90.7	98.4	87.5	77.4	50.7	28.7	19.0	24.8
74000	54.1	23.4	48.8	87.9	80.6	87.2	96.4	80.0	70.3	38.1	19.0	14.3	18.5
84000	49.4	17.3	45.4	82.7	78.6	81.9	95.2	74.6	64.9	30.0	14.3	10.8	13.3
96000	44.3	12.9	42.9	75.0	71.0	76.5	94.4	65.8	59.1	23.0	10.8	6.5	8.9
110000	40.1	10.1	36.7	66.9	66.5	71.2	93.1	62.5	52.3	18.5	8.6	2.5	7.8
120000	36.8	7.7	30.4	62.1	61.7	65.5	91.1	58.8	47.7	15.6	6.8	2.2	6.3
140000	31.9	5.2	21.6	54.0	57.6	56.6	83.4	55.4	40.1	11.1	4.6	1.0	4.8
160000	27.0	4.0	15.4	47.1	50.4	49.1	72.5	50.4	32.6	8.1	3.5	.3	2.9
190000	20.5	3.2	7.0	32.6	36.6	38.4	62.5	42.5	22.9	6.6	2.1		1.1
210000	17.1	2.4	4.1	26.2	32.2	33.6	53.6	37.9	16.4	5.9	1.0		.7
240000	12.7	2.4	1.2	18.9	23.7	24.7	43.5	27.9	11.4	4.4	.3		.7
280000	8.0	.4	1.2	12.5	10.4	17.6	29.4	20.8	5.0	2.9			
320000	5.2		.8	6.8	6.0	12.3	20.9	14.1	3.2	1.4			
360000	3.6		.4	3.6	5.6	7.0	16.9	10.8	1.4				
410000	2.0			2.0	3.6	4.8	6.8	7.5	.7				
470000	.3				.8	.4	2.4	.4					
540000							.4						

STATION 03277400 LEATHERWOOD CREEK AT DAISY, KY. 1965-1974

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .1	100	100	100	100	100	100	100	100	100	100	100	100	100
>= .2	99.9	100	100	100	100	100	100	100	100	100	99.4	100	100
>= .3	99.8	100	100	100	100	100	100	100	100	100	98.1	99.4	100
>= .4	99.7	100	100	100	100	100	100	100	100	100	97.7	98.7	100
>= .5	99.6	100	100	100	100	100	100	100	100	100	97.4	98.4	100
>= .7	99.5	100	100	100	100	100	100	100	100	100	96.5	97.7	100
>= .9	99.3	99.4	100	100	100	100	100	100	100	100	95.5	97.4	99.7
>= 1.2	98.4	97.1	100	100	100	100	100	100	100	100	93.5	95.5	95.3
>= 1.6	95.5	90.0	99.7	100	100	100	100	100	100	99.7	89.0	89.4	81.7
>= 2.2	91.0	82.3	96.0	96.5	96.5	99.6	100	100	100	99.3	85.5	81.6	61.3
>= 2.9	85.2	64.5	91.0	91.0	94.8	99.6	100	100	100	90.3	76.5	69.0	48.0
>= 3.8	80.7	54.8	86.3	89.4	94.2	99.6	100	100	99.4	82.7	67.1	59.7	39.0
>= 5.0	76.4	48.1	79.3	86.5	92.3	99.6	100	100	97.1	73.7	57.1	53.2	32.7
>= 6.7	70.7	41.6	70.3	84.8	91.3	98.6	100	100	92.9	61.0	43.9	42.6	26.3
>= 8.8	65.6	35.8	61.7	81.6	90.3	98.2	99.4	98.7	88.4	49.3	33.5	34.5	25.0
>= 12.0	60.5	31.0	53.7	74.8	88.1	97.9	95.8	94.7	83.9	40.7	24.5	28.1	18.3
>= 16.0	54.1	23.5	43.0	71.6	84.5	94.7	91.0	92.7	71.0	32.0	18.4	21.6	13.3
>= 21.0	47.9	18.4	31.0	65.5	77.1	86.5	85.2	90.7	61.0	27.0	15.8	15.5	11.0
>= 27.0	43.2	15.5	25.3	57.7	67.7	78.7	82.6	86.7	57.1	22.0	11.0	12.3	9.0
>= 36.0	36.1	11.6	20.3	52.3	57.4	69.5	72.9	70.7	48.7	19.3	8.1	9.0	5.3
>= 48.0	29.4	8.7	16.7	42.9	49.7	56.0	61.3	58.0	35.8	13.7	6.5	6.5	4.0
>= 64.0	21.7	5.8	12.0	37.7	40.0	37.6	47.7	41.0	25.2	11.3	4.8	5.2	2.0
>= 85.0	15.0	4.2	8.7	28.4	28.1	25.5	33.5	27.7	16.8	8.3	3.2	2.3	1.7
>= 110.0	11.8	3.2	6.6	20.6	24.1	18.4	25.4	22.3	13.2	6.3	2.2	1.9	1.6
>= 150.0	8.4	2.2	3.3	16.4	18.7	10.9	17.4	17.6	10.0	5.0	1.6	1.2	1.3
>= 200.0	6.3	1.2	2.6	12.2	14.1	7.8	12.9	13.0	7.7	3.3	1.2	.9	1.3
>= 260.0	4.7	.9	1.6	9.6	9.6	5.6	10.9	9.0	6.1	2.3	.9		1.3
>= 350.0	2.7	.6	1.3	7.7	5.8	4.2	7.0	4.3	3.8	1.3	.3		.6
>= 460.0	1.8	.3	1.3	3.8	3.5	1.7	4.5	2.6	2.5	1.3	.3		
>= 610.0	1.2	.3	.6	3.5	2.2	1.0	3.8	2.3	1.6	.6	.3		
>= 810.0	.7	.3	.3	1.9	.9	.3	2.5	1.6	.6	.3	.3		
>= 1100.0	.4		.3	.6		.3	1.9	1.3	.3				
>= 1400.0	.3		.3	.6		.3	1.2	.6	.3				
>= 1900.0			.3										

STATION 03277450 CARR FORK NEAR SASSAFRAS, KY. 1964-1975 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	99.5	97.3	100	100	100	100	100	100	100	100	100	99.7	97.2
>= .02	99.5	97.3	100	100	100	100	100	100	100	100	100	99.7	97.2
>= .04	99.4	96.5	100	100	100	100	100	100	100	100	100	99.7	96.4
>= .05	99.3	96.5	100	100	100	100	100	100	100	100	100	99.2	95.8
>= .08	99.2	96.5	100	100	100	100	100	100	100	100	100	99.2	95.0
>= .10	99.1	95.4	100	100	100	100	100	100	100	100	100	99.2	94.7
>= .20	97.8	87.1	98.6	100	100	100	100	100	100	100	100	97.8	89.7
>= .30	97.1	85.5	98.6	100	100	100	100	100	100	100	99.7	93.8	87.5
>= .50	96.3	84.9	98.6	100	100	100	100	100	100	99.2	97.8	91.9	83.1
>= .70	95.6	82.8	98.6	100	100	100	100	100	100	98.6	96.0	90.3	81.1
>= 1.00	93.5	79.3	96.1	99.7	100	100	100	100	99.5	94.2	90.9	88.2	74.2
>= 1.40	91.5	77.7	91.1	99.2	100	100	100	100	98.1	91.4	85.8	85.2	69.7
>= 1.90	88.8	73.7	86.1	96.5	100	100	100	100	97.8	87.5	79.6	80.1	64.4
>= 2.80	85.1	65.3	83.3	91.1	96.5	100	100	100	97.3	83.1	72.0	75.8	56.9
>= 3.90	82.0	60.2	82.2	89.8	95.7	99.7	100	100	96.8	77.8	65.1	69.4	48.1
>= 5.60	77.5	53.5	78.3	86.8	94.1	99.4	100	100	95.4	66.4	56.7	60.5	40.0
>= 7.90	72.9	42.7	75.0	82.3	92.2	99.1	100	100	91.7	59.4	46.2	53.0	35.3
>= 11.00	67.6	35.2	66.9	78.0	89.2	98.2	100	100	85.8	50.3	37.9	43.3	28.6
>= 16.00	61.5	27.7	57.2	74.7	88.2	95.9	96.0	98.1	77.2	40.3	30.1	32.3	22.8
>= 23.00	54.1	20.2	41.4	68.0	86.3	90.9	92.7	95.6	63.4	30.3	21.2	22.8	19.2
>= 32.00	48.2	15.9	33.6	59.7	81.2	83.2	88.7	91.9	55.4	22.5	16.4	16.9	15.3
>= 46.00	40.1	10.5	25.3	51.9	70.2	75.2	81.2	75.3	45.4	15.6	10.5	11.3	10.6
>= 65.00	30.7	7.3	17.5	38.4	52.7	61.7	71.2	55.3	31.5	10.6	8.3	7.5	8.6
>= 93.00	20.6	4.5	12.2	29.0	37.0	36.8	50.8	36.9	19.3	6.3	5.1	4.5	5.5
>= 130.00	14.5	2.9	7.7	20.1	26.3	23.8	37.6	27.7	13.7	4.4	1.8	3.7	4.1
>= 190.00	8.7	2.6	4.7	12.3	16.9	11.7	22.0	16.3	8.6	3.0	1.6	2.4	1.9
>= 270.00	5.8	1.8	3.6	8.0	11.2	8.2	13.7	11.1	6.4	2.2	1.0	1.0	1.3
>= 380.00	4.1	1.0	1.6	6.1	6.1	6.1	11.2	7.7	5.3	1.6	.5	.8	1.1
>= 540.00	2.5	.5	.8	3.7	4.3	2.6	7.5	5.2	4.5	1.1			.2
>= 770.00	1.6	.2	.8	1.8	2.6	2.3	5.1	2.7	2.9	1.1			
>= 1100.00	1.0		.8	1.0	1.8	1.4	3.4	1.6	1.3	.8			
>= 1600.00	.3		.5	.2	.2	.5	1.6	.2	.2	.2			
>= 2200.00				.2			.2						

STATION 03277450 CARR FORK NEAR SASSAFRAS, KY. 1977-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
= .70	100	100	100	100	100	100	100	100	100	100	100	100	100
= .90	99.9	100	100	100	100	100	100	100	100	100	100	100	98.3
= 1.20	99.6	98.4	100	100	100	100	100	100	100	100	100	100	96.7
= 1.50	99.2	96.8	100	100	100	100	100	100	100	100	100	100	93.3
= 1.90	97.4	90.3	100	100	100	100	100	100	100	100	96.8	95.2	86.7
= 2.30	96.2	85.5	100	100	100	100	100	100	100	100	95.2	87.1	86.7
= 2.90	94.9	79.0	100	100	100	100	100	100	100	100	95.2	85.5	80.0
= 3.70	93.3	79.0	100	100	100	100	100	100	100	100	91.9	80.6	68.3
= 4.60	91.2	74.2	100	100	100	100	100	100	96.8	90.0	87.1	80.6	66.7
= 5.80	88.8	74.2	100	100	100	100	100	86.7	93.5	81.7	85.5	77.4	66.7
= 7.30	83.3	74.2	80.0	100	100	100	100	78.3	88.7	80.0	66.1	67.7	65.0
= 9.20	77.3	74.2	61.7	100	100	100	100	76.7	87.1	68.3	45.2	61.3	53.3
= 12.00	73.2	72.6	61.7	100	93.5	82.1	100	75.0	85.5	63.3	33.9	56.5	53.3
= 14.00	69.3	71.0	61.7	100	93.5	82.1	100	55.0	80.6	53.3	32.3	48.4	53.3
= 18.00	64.4	69.4	61.7	100	93.5	82.1	100	30.0	64.5	41.7	30.6	45.2	53.3
= 23.00	60.5	69.4	60.0	98.4	91.9	80.4	98.4	30.0	62.9	36.7	22.6	22.6	53.3
= 29.00	57.3	69.4	60.0	90.3	91.9	64.3	98.4	30.0	59.7	28.3	19.4	22.6	51.7
= 36.00	53.2	62.9	60.0	83.9	83.9	60.7	96.8	28.3	56.5	23.3	16.1	17.7	46.7
= 45.00	46.4	56.5	60.0	75.8	51.6	53.6	96.8	26.7	48.4	20.0	12.9	12.9	41.7
= 57.00	39.6	50.0	55.0	66.1	50.0	44.6	69.4	25.0	35.5	16.7	11.3	11.3	40.0
= 71.00	35.5	50.0	45.0	59.7	46.8	35.7	66.1	25.0	30.6	16.7	11.3	8.1	30.0
= 89.00	29.0	38.7	35.0	53.2	43.5	25.0	58.1	25.0	25.8	13.3	11.3	6.5	11.7
= 110.00	22.3	29.0	33.3	38.7	29.0	17.9	38.7	23.3	21.0	11.7	9.7	6.5	8.3
= 140.00	17.3	25.8	20.0	29.0	22.5	8.9	29.0	21.6	16.1	11.6	9.6	6.4	6.6
= 180.00	11.6	20.9	18.3	12.9	16.1	1.7	16.1	18.3	11.2	8.3	6.4	3.2	5.0
= 220.00	9.1	11.2	16.6	9.6	11.2		11.2	18.3	11.2	6.6	6.4	3.2	3.3
= 280.00	6.7	9.6	11.6	8.0	9.6		6.4	16.6	6.4	5.0	3.2	3.2	
= 350.00	4.7	9.6	8.3	6.4	1.6		3.2	15.0	6.4	1.6	1.6	3.2	
= 440.00	3.1	8.0	6.6	6.4			3.2	11.6	1.6				
= 550.00	2.1	4.8	3.3	4.8			3.2	10.0					
= 690.00	1.3	3.2	3.3	3.2				6.6					
= 870.00	.5			1.6				5.0					
= 1100.00	.2							3.3					
= 1400.00	.1							1.6					

STATION 03277450 CARR FORK NEAR SASSAFRAS, KY. 1964-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
= .01	99.6	97.8	100	100	100	100	100	100	100	100	100	99.8	97.8
= .02	99.6	97.8	100	100	100	100	100	100	100	100	100	99.8	97.8
= .04	99.5	97.2	100	100	100	100	100	100	100	100	100	99.8	97.1
= .05	99.4	97.2	100	100	100	100	100	100	100	100	100	99.4	96.7
= .08	99.4	97.2	100	100	100	100	100	100	100	100	100	99.4	96.0
= .10	99.3	96.3	100	100	100	100	100	100	100	100	100	99.4	95.8
= .20	98.2	89.7	98.9	100	100	100	100	100	100	100	100	98.3	91.8
= .30	97.7	88.4	98.9	100	100	100	100	100	100	100	99.8	95.1	90.0
= .50	97.0	88.0	98.9	100	100	100	100	100	100	99.3	98.3	93.5	86.4
= .70	96.3	86.2	98.9	100	100	100	100	100	100	98.7	96.8	92.3	83.3
= 1.00	94.3	83.4	96.9	99.8	100	100	100	100	99.4	94.0	92.5	90.5	75.6
= 1.40	92.4	81.9	92.9	99.4	100	100	100	100	97.4	90.4	88.4	88.2	70.4
= 1.90	89.6	77.6	88.9	97.2	100	100	100	100	97.0	86.4	83.0	80.4	64.7
= 2.80	85.9	69.5	86.7	92.9	95.9	100	100	100	95.9	82.2	76.1	74.4	57.8
= 3.90	82.6	64.9	85.8	91.8	95.3	99.8	100	99.8	92.5	77.3	68.6	67.5	48.9
= 5.60	77.9	57.8	82.2	89.5	93.3	99.5	100	98.0	89.2	65.3	59.1	59.6	42.2
= 7.90	72.5	48.2	74.0	85.6	91.8	99.3	99.8	93.1	85.4	58.2	46.9	51.6	37.3
= 11.00	66.8	41.1	65.3	81.9	88.6	97.2	98.1	92.7	80.0	50.2	35.3	42.8	30.7
= 16.00	60.1	33.8	56.9	79.4	87.5	93.6	91.4	85.1	70.3	39.8	28.2	32.0	25.6
= 23.00	53.3	27.3	43.6	73.3	84.3	89.4	88.2	82.9	59.1	29.8	20.0	21.5	22.4
= 32.00	47.6	23.2	37.3	64.9	78.3	80.2	84.7	79.8	51.8	21.8	15.7	16.1	18.7
= 46.00	39.5	16.6	30.2	55.7	64.1	72.2	78.5	65.8	42.6	15.6	9.9	10.8	14.0
= 65.00	30.4	12.9	21.8	41.5	49.9	58.7	66.2	48.2	29.2	11.1	8.2	7.5	10.9
= 93.00	20.6	9.0	14.6	30.3	35.4	35.1	47.9	33.3	18.9	7.1	5.5	4.5	6.0
= 130.00	14.4	6.2	9.3	20.4	24.9	22.1	34.8	25.5	13.3	5.3	2.7	3.8	4.2
= 190.00	8.7	5.1	6.6	11.8	16.1	10.8	20.0	16.0	8.3	3.3	2.1	2.3	2.0
= 270.00	5.8	3.0	5.1	7.5	10.5	6.8	12.4	11.7	6.0	2.4	1.5	1.2	1.1
= 380.00	3.9	1.9	2.6	5.8	5.1	4.9	9.6	8.4	4.7	1.5	.6	.6	.8
= 540.00	2.4	1.2	1.1	3.6	3.6	2.1	6.6	5.7	3.6	.8			.2
= 770.00	1.4	.4	.6	1.9	2.1	1.8	4.3	3.1	2.3	.8			
= 1100.00	.8		.6	.8	1.5	1.1	2.7	2.0	1.0	.6			
= 1600.00	.2		.4	.2	.2	.4	1.2	.2	.2	.2			
= 2200.00				.2			.2						

STATION 03277500 NORTH FORK KENTUCKY RIVER AT HAZARD, KY. 1940-1975 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 1.0	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 1.4	99.9	99.4	100	100	100	100	100	100	100	100	100	100	99.0
>= 1.9	99.8	98.9	100	100	100	100	100	100	100	100	100	99.9	98.8
>= 2.6	99.5	97.0	100	100	100	100	100	100	100	100	100	99.8	97.2
>= 3.5	99.1	94.5	100	100	100	100	100	100	100	100	100	99.6	94.8
>= 4.8	98.5	92.6	98.9	100	100	100	100	100	100	100	100	98.2	92.7
>= 6.6	97.5	89.0	96.6	100	99.7	100	100	100	100	100	99.6	96.2	89.2
>= 9.0	96.2	85.2	95.7	99.8	99.6	100	100	100	99.9	99.9	97.8	93.5	82.8
>= 12.0	94.8	79.0	95.0	99.5	99.0	100	100	100	99.8	99.7	96.9	91.0	78.6
>= 17.0	92.7	72.3	91.4	98.8	98.3	100	100	100	99.4	98.9	93.9	87.0	73.1
>= 23.0	90.1	64.0	86.3	97.1	97.7	100	100	100	99.3	97.2	91.1	82.8	66.0
>= 32.0	85.6	53.0	78.3	92.5	96.6	99.9	100	100	98.9	93.6	85.3	75.5	54.0
>= 44.0	79.8	40.6	70.7	87.3	94.4	99.0	99.9	100	97.8	86.7	77.1	64.1	41.4
>= 60.0	73.4	29.8	63.5	81.8	92.4	96.1	99.7	99.4	95.5	77.7	63.9	52.4	30.6
>= 82.0	67.0	21.8	54.1	77.0	88.7	94.7	99.6	98.9	91.8	65.9	50.0	40.9	22.6
>= 110.0	61.7	17.5	47.5	72.1	86.5	93.1	98.8	97.7	85.2	53.0	40.9	34.1	16.7
>= 150.0	55.2	13.5	38.3	64.9	81.5	90.7	97.3	95.5	73.1	40.7	31.8	26.5	12.7
>= 210.0	48.3	9.1	29.2	56.1	75.3	86.0	95.3	91.4	59.1	28.5	24.6	19.5	9.3
>= 290.0	41.8	6.8	22.7	48.6	65.8	80.6	92.0	82.8	46.0	21.2	17.7	15.6	6.7
>= 390.0	34.6	4.5	16.7	40.6	56.1	72.3	83.3	68.6	34.7	14.3	12.7	10.6	4.7
>= 540.0	27.1	2.7	12.3	31.2	45.3	59.7	72.1	51.8	24.5	9.4	9.4	7.9	2.8
>= 740.0	19.5	1.8	8.7	22.2	34.7	43.1	54.5	35.7	16.0	6.1	6.7	4.7	1.8
>= 1000.0	14.0	1.5	6.2	15.8	26.3	31.6	38.6	25.9	11.4	4.3	4.5	2.8	.8
>= 1400.0	8.7	.9	3.8	10.2	16.5	19.7	22.9	16.2	7.3	2.5	2.9	1.6	.4
>= 1900.0	5.7	.6	2.3	7.2	11.0	13.7	15.2	10.2	4.3	1.8	1.8	.9	.3
>= 2600.0	3.8	.4	1.5	4.9	7.8	8.6	9.6	7.5	2.8	1.2	.8	.7	
>= 3600.0	2.4	.1	.6	2.7	4.5	5.6	7.3	4.7	2.1	.9	.4	.1	
>= 4900.0	1.4		.2	1.4	2.4	3.2	4.8	2.5	1.7	.5	.1	.1	
>= 6700.0	.9		.2	1.1	1.4	2.0	2.9	1.3	1.0	.2	.1	.1	
>= 9200.0	.5		.1	.4	.9	1.3	1.9	.5	.6	.1			
>= 13000.0	.2		.1	.1	.3	.7	1.0	.2	.2	.1			
>= 17000.0	.1				.2	.2	.6						
>= 24000.0							.1						

STATION 03277500 NORTH FORK KENTUCKY RIVER AT HAZARD, KY. 1976-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 26	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 32	99.6	100	100	100	100	100	100	100	100	100	100	100	95.0
>= 39	98.9	100	96.7	100	100	100	100	100	100	100	98.4	100	91.7
>= 47	95.8	100	90.0	100	100	100	100	100	98.4	100	93.5	91.9	75.0
>= 58	90.7	98.4	76.7	100	100	100	100	100	98.4	95.0	83.9	87.1	48.3
>= 71	82.5	88.7	73.3	100	96.8	100	100	100	91.9	80.0	61.3	72.6	25.0
>= 87	77.9	88.7	66.7	100	95.2	100	100	100	83.9	73.3	54.8	54.8	18.3
>= 110	73.8	83.9	65.0	100	93.5	87.5	100	100	74.2	71.7	45.2	51.6	13.3
>= 130	70.4	77.4	65.0	100	91.9	85.7	100	100	71.0	61.7	38.7	45.2	8.3
>= 160	66.8	71.0	61.7	100	90.3	83.9	100	100	69.4	48.3	33.9	37.1	6.7
>= 190	63.2	64.5	61.7	93.5	85.5	80.4	100	100	69.4	38.3	25.8	33.9	5.0
>= 240	56.0	59.7	41.7	87.1	77.4	78.6	100	80.0	66.1	31.7	17.7	27.4	5.0
>= 290	48.8	48.4	36.7	67.7	61.3	75.0	100	65.0	66.1	23.3	14.5	24.2	3.3
>= 350	42.3	37.1	33.3	48.4	56.5	71.4	93.5	55.0	64.5	18.3	12.9	16.1	1.7
>= 430	35.3	27.4	26.7	41.9	50.0	53.6	83.9	45.0	54.8	15.0	9.7	16.1	
>= 530	28.6	16.1	25.0	32.3	43.5	37.5	75.8	35.0	45.2	13.3	8.1	11.3	
>= 640	23.2	14.5	23.3	24.2	40.3	16.1	66.1	30.0	33.9	10.0	6.5	11.3	
>= 790	18.2	9.7	23.3	24.2	33.9	10.7	45.2	26.7	25.8	5.0	3.2	9.7	
>= 960	14.1	8.1	20.0	16.1	29.0	5.4	33.9	21.7	21.0	5.0	1.6	6.5	
>= 1200	10.0	6.5	15.0	11.3	19.4	1.8	25.8	20.0	16.1	1.7		1.6	
>= 1400	8.4	6.5	13.3	9.7	17.7		24.2	16.7	9.7			1.6	
>= 1800	5.3	4.8	11.7	4.8	9.7		14.5	13.3	4.8				
>= 2100	4.0	1.6	8.3	4.8	9.7		6.5	11.7	4.8				
>= 2600	3.4	1.6	5.0	4.8	9.6		4.8	11.6	3.2				
>= 3200	2.4		3.3	3.2	6.4		3.2	10.0	3.2				
>= 3900	2.1		3.3	3.2	6.4			10.0	3.2				
>= 4800	1.7		1.6	3.2	4.8			10.0	1.6				
>= 5800	.9			1.6	3.2			5.0	1.6				
>= 7100	.9			1.6	3.2			5.0	1.6				
>= 8700	.8			1.6	1.6			5.0	1.6				
>= 11000	.4				1.6			3.3					
>= 13000	.4				1.6			3.3					
>= 16000	.2							3.3					
>= 19000	.2							3.3					

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 1.0	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 1.4	99.9	99.5		100	100	100	100	100	100	100	100	100	99.1
>= 1.9	99.8	99.0		100	100	100	100	100	100	100	100	99.9	98.9
>= 2.6	99.5	97.2		100	100	100	100	100	100	100	100	99.8	97.4
>= 3.5	99.1	94.9		100	100	100	100	100	100	100	100	99.7	95.2
>= 4.8	98.6	93.2	98.9	100	100	100	100	100	100	100	100	98.3	93.2
>= 6.6	97.7	89.9	96.8	100	99.7	100	100	100	100	100	99.6	96.5	90.0
>= 9.0	96.5	86.3	96.1	99.8	99.7	100	100	100	99.9	99.9	98.0	94.0	84.1
>= 12.0	95.2	80.6	95.4	99.6	99.1	100	100	100	99.8	99.7	97.1	91.7	79.2
>= 17.0	93.1	74.4	92.1	98.9	98.5	100	100	100	99.4	99.0	94.4	88.0	73.3
>= 23.0	90.6	66.8	87.4	97.3	97.9	100	100	100	99.3	97.4	91.8	83.6	66.6
>= 32.0	86.4	56.7	80.0	93.1	96.9	99.9	100	100	99.0	93.8	86.1	76.5	55.2
>= 44.0	80.8	45.2	72.7	88.3	94.8	99.1	99.9	100	97.8	87.1	78.0	65.6	43.0
>= 60.0	74.4	34.5	65.2	83.2	93.0	96.4	99.7	99.5	95.0	78.3	64.8	53.8	30.8
>= 82.0	67.7	26.1	55.8	78.8	89.3	95.2	99.7	98.9	90.6	66.3	50.5	41.4	22.1
>= 110.0	62.3	21.6	48.9	74.3	87.3	93.0	98.9	97.4	83.6	53.8	41.0	34.6	16.2
>= 150.0	55.9	17.2	39.9	67.3	82.5	90.6	97.5	95.0	71.6	41.5	32.1	26.8	12.1
>= 210.0	48.9	12.3	30.3	58.1	76.4	86.0	95.7	90.5	58.5	29.1	24.6	19.9	8.8
>= 290.0	42.1	9.4	23.1	49.2	66.4	80.8	92.2	80.8	46.1	21.7	17.6	15.9	6.3
>= 390.0	34.7	5.9	17.2	40.5	56.6	72.7	83.2	66.6	35.3	14.6	12.6	10.7	4.4
>= 540.0	27.0	3.4	12.9	30.7	45.5	58.7	71.8	50.1	24.9	9.6	9.3	7.9	2.6
>= 740.0	19.3	2.3	9.4	22.0	34.9	41.4	53.9	34.7	16.1	6.2	6.5	5.0	1.6
>= 1000.0	13.8	2.0	6.9	15.4	26.4	30.2	38.0	25.3	11.6	4.4	4.1	2.8	.8
>= 1400.0	8.6	1.1	4.3	9.9	17.0	18.7	22.9	16.0	7.2	2.4	2.7	1.5	.4
>= 1900.0	5.6	.7	2.8	6.9	11.0	13.0	14.9	10.3	4.2	1.7	1.7	.9	.3
>= 2600.0	3.7	.5	1.8	4.8	7.8	8.1	9.5	7.6	2.8	1.1	.8	.6	
>= 3600.0	2.3	.1	.7	2.7	4.5	5.3	6.9	4.9	2.1	.8	.4	.1	
>= 4900.0	1.4		.2	1.5	2.6	2.9	4.5	2.9	1.7	.5	.1	.1	
>= 6700.0	.8		.2	1.1	1.5	1.8	2.8	1.5	1.0	.2	.1	.1	
>= 9200.0	.5		.1	.5	.9	1.2	1.8	.7	.6	.1			
>= 13000.0	.2		.1	.1	.4	.6	.9	.4	.2	.1			
>= 17000.0	.1				.2	.1	.5	.1					
>= 24000.0							.1						

STATION 03278000 BEAR BRANCH NEAR NOBLE, KY. 1955-1974

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	92.4	83.2	95.2	98.6	98.7	100	100	100	100	93.3	84.9	80.1	77.2
>= .02	91.9	82.3	95.0	98.0	98.4	100	100	100	100	92.6	84.2	79.6	75.1
>= .03	90.7	80.4	94.1	97.5	97.3	100	100	100	100	92.3	82.0	76.6	70.5
>= .04	89.8	78.6	92.4	96.8	96.8	100	100	100	100	91.9	79.5	75.7	68.6
>= .05	88.7	74.8	90.9	96.1	96.4	100	100	100	100	91.2	77.2	73.7	66.5
>= .07	80.5	55.2	79.4	93.4	95.3	99.6	100	100	97.3	80.0	65.4	59.1	44.9
>= .10	78.8	52.3	78.0	92.8	94.8	99.2	100	100	97.3	77.4	63.2	55.5	39.3
>= .20	65.4	26.4	56.7	78.3	90.5	97.4	100	100	91.0	51.2	44.1	35.3	19.8
>= .30	58.5	18.9	40.6	69.2	87.6	95.7	99.6	99.8	82.7	39.5	35.5	25.3	13.9
>= .40	54.9	14.4	35.9	64.9	86.0	95.3	97.0	98.9	77.1	33.7	30.7	20.2	12.1
>= .60	50.3	10.6	29.1	58.2	82.4	94.3	95.5	97.2	67.1	27.0	25.0	16.5	8.9
>= .80	46.7	7.5	23.5	51.1	78.1	92.3	94.6	96.1	61.0	23.2	20.4	13.4	7.0
>= 1.00	44.0	6.0	20.0	47.5	74.9	91.0	94.3	92.8	55.2	19.8	17.7	11.5	5.8
>= 1.40	39.3	4.5	16.9	41.0	67.4	86.8	91.8	84.2	45.7	14.9	13.2	9.5	3.7
>= 1.80	35.5	3.4	14.3	35.1	59.9	81.5	88.2	78.1	40.7	12.6	9.5	7.6	2.3
>= 2.50	27.8	1.9	10.6	27.1	40.7	69.2	71.7	67.0	29.2	7.9	7.0	6.3	1.8
>= 3.30	21.7	1.2	6.9	22.8	30.3	55.6	58.4	54.2	21.2	5.8	4.2	4.8	.9
>= 4.40	16.8	.7	4.6	18.6	23.7	41.8	45.2	43.9	15.4	4.7	2.7	3.7	.7
>= 5.90	12.0	.3	3.0	14.3	17.7	28.5	27.6	34.7	11.0	3.0	2.4	3.2	.5
>= 7.90	8.3	.3	1.7	9.1	13.4	19.3	18.3	25.1	8.3	1.6	2.0	2.2	.5
>= 11.00	5.9	.2	.4	7.0	9.3	14.3	12.5	18.2	5.4	.9	1.7	1.7	.2
>= 14.00	4.4	.2	.2	4.7	7.2	11.2	10.0	12.6	4.2	.7	1.4	1.5	.2
>= 19.00	2.9	.2	.2	2.9	5.4	6.1	6.5	8.8	2.7	.4	1.2	1.4	.2
>= 25.00	2.0			1.6	3.5	4.5	4.4	6.1	2.0	.1	1.1	.6	
>= 34.00	1.1			.8	1.2	2.1	2.8	4.2	1.1		.6	.1	
>= 45.00	.6			.5	.7	1.3	1.7	2.4	.8		.1		
>= 60.00	.2			.1	.1	.5	.7	.7	.5				
>= 81.00	.1			.1	.1	.3	.3	.7	.1				
>= 110.00					.1	.1							
>= 140.00					.1	.1							

STATION 03278500 TROUBLESOME CREEK AT NOBLE, KY. 1950-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .10	99.2	96.1	97.3	100	100	100	100	100	100	100	100	100	96.4
>= .20	98.9	96.0	97.3	100	100	100	100	100	100	100	100	99.4	94.4
>= .30	98.7	95.6	97.0	100	100	100	100	100	100	100	100	98.4	93.2
>= .40	98.4	95.4	96.4	100	100	100	100	100	100	100	100	97.8	91.5
>= .60	97.8	93.2	95.6	100	100	100	100	100	100	100	99.9	96.6	88.4
>= .80	97.4	92.2	95.4	100	100	100	100	100	100	100	99.6	95.0	87.0
>= 1.20	96.6	90.0	94.3	100	100	100	100	100	100	99.9	99.2	92.0	84.5
>= 1.70	96.0	88.6	93.9	100	100	100	100	100	100	99.7	98.3	90.0	82.1
>= 2.40	94.6	84.4	93.5	99.7	100	100	100	100	100	99.2	96.4	86.0	77.0
>= 3.40	92.6	77.8	91.9	98.4	99.4	100	100	100	100	98.4	94.0	80.6	71.7
>= 4.90	90.0	71.1	89.9	95.0	98.5	100	100	100	100	96.9	91.2	74.7	63.6
>= 7.00	87.0	65.2	86.4	92.9	97.2	100	100	100	100	93.3	85.9	69.4	54.7
>= 10.00	83.0	57.4	81.5	90.1	95.2	99.9	100	100	99.8	88.9	77.3	62.6	44.9
>= 14.00	78.6	47.5	74.8	88.4	94.1	99.7	100	100	99.1	83.2	67.5	54.8	36.4
>= 20.00	72.9	37.3	68.5	84.6	93.1	99.0	100	100	97.2	71.1	53.8	45.3	28.2
>= 29.00	66.7	28.7	58.3	78.2	92.4	96.6	100	99.7	92.4	57.8	42.7	34.9	22.3
>= 41.00	60.9	22.7	48.2	73.4	90.6	94.9	99.9	98.3	85.0	45.3	33.3	26.4	17.5
>= 59.00	55.1	18.3	40.2	68.5	87.4	93.2	97.5	95.5	73.7	34.9	25.0	18.8	13.2
>= 84.00	49.5	13.1	31.7	62.3	81.8	91.5	96.1	90.2	63.4	27.1	17.7	13.6	10.2
>= 120.00	42.7	9.1	24.0	54.0	71.9	87.2	92.6	80.2	51.5	19.0	11.5	9.3	6.8
>= 170.00	34.7	5.8	18.7	43.3	59.4	75.7	81.8	65.2	39.0	13.2	7.9	6.7	4.7
>= 250.00	24.8	3.6	12.5	30.1	43.0	55.6	64.4	45.3	26.3	8.5	4.8	4.6	3.0
>= 350.00	17.3	2.6	7.7	21.0	31.7	37.5	46.7	31.6	16.9	5.4	3.3	3.1	2.1
>= 500.00	11.1	1.7	4.8	13.8	20.5	22.8	29.9	21.4	10.9	3.3	2.4	2.0	1.1
>= 710.00	7.1	1.0	2.9	9.7	13.3	13.4	18.5	13.6	7.5	2.4	1.6	1.1	.9
>= 1000.00	4.7	.6	2.0	6.5	9.3	9.7	11.5	8.8	4.4	1.8	.8	.7	.5
>= 1400.00	3.1	.3	1.0	4.4	5.5	6.5	8.6	5.7	2.8	1.2	.5	.3	.2
>= 2100.00	1.5	.1	.3	1.9	2.9	3.1	4.6	2.5	1.5	.8	.2	.1	
>= 2900.00	.9		.3	.6	1.7	1.7	3.2	1.9	.6	.5		.1	
>= 4200.00	.4		.2	.3	.5	1.1	2.0	.6	.4	.2			
>= 6000.00	.2		.1	.1	.4	.5	.5	.5	.2	.1			
>= 8600.00					.3	.2	.2	.2		.1			
>= 12000.00						.1	.1			.1			

STATION 03280000 NORTH FORK KENTUCKY RIVER AT JACKSON, KY. 1928-1931 1938-1975 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .1	100	99.9	100	100	100	100	100	100	100	100	100	100	100
>= .2	100	99.9	99.8	100	100	100	100	100	100	100	100	100	100
>= .3	99.9	99.3	99.7	100	100	100	100	100	100	100	100	100	100
>= .5	99.9	98.9	99.5	100	100	100	100	100	100	100	100	100	100
>= .7	99.8	98.6	99.3	100	100	100	100	100	100	100	100	100	99.9
>= 1.0	99.7	98.4	99.1	100	100	100	100	100	100	100	100	100	99.2
>= 1.6	99.7	98.2	98.9	100	100	100	100	100	100	100	100	100	98.7
>= 2.3	99.6	97.8	98.8	100	100	100	100	100	100	100	100	100	98.2
>= 3.4	99.4	96.5	98.8	100	100	100	100	100	100	100	99.9	99.9	98.0
>= 5.0	99.2	95.6	98.7	100	100	100	100	100	100	100	99.9	99.8	97.0
>= 7.4	98.6	93.1	97.1	100	100	100	100	100	100	100	99.3	98.8	94.7
>= 11.0	97.9	91.0	95.1	100	100	100	100	100	100	100	98.7	97.6	92.8
>= 16.0	97.0	87.7	93.6	100	100	100	100	100	100	100	97.9	96.2	88.5
>= 24.0	95.4	82.6	91.9	99.4	100	100	100	100	100	99.9	96.7	93.1	81.7
>= 36.0	93.0	73.2	89.5	98.7	100	99.9	100	100	99.7	98.9	94.8	87.9	74.0
>= 53.0	89.7	63.9	84.1	94.8	99.4	99.6	100	100	99.4	97.6	91.3	81.4	65.4
>= 78.0	84.4	51.5	74.4	90.2	95.5	98.7	100	100	99.1	94.6	84.4	71.8	52.9
>= 120.0	77.0	38.2	66.3	85.4	93.1	97.6	99.8	100	98.0	82.9	69.7	57.9	37.2
>= 170.0	70.5	27.4	57.2	81.0	90.8	96.6	99.8	99.6	94.6	69.7	56.3	46.4	29.1
>= 250.0	63.0	17.7	47.0	73.2	88.1	94.2	99.6	98.6	87.1	54.5	44.1	34.9	20.2
>= 380.0	54.7	11.8	37.5	64.6	83.2	90.4	96.2	95.7	74.4	38.2	31.6	24.1	12.6
>= 560.0	47.1	6.8	28.3	54.0	75.7	84.9	94.2	90.5	60.1	25.8	23.2	17.1	8.3
>= 820.0	38.6	3.5	20.3	43.1	64.4	77.4	88.1	77.3	43.3	16.2	16.2	12.2	5.0
>= 1200.0	29.2	2.0	13.9	32.7	49.6	65.2	74.3	56.4	27.8	9.9	10.4	8.2	3.2
>= 1800.0	20.2	1.2	8.5	22.9	35.0	46.4	54.5	39.2	18.2	6.5	6.7	5.1	1.6
>= 2700.0	12.6	.8	4.8	14.6	22.8	29.0	35.0	25.5	10.7	3.2	3.8	2.5	.9
>= 3900.0	7.4	.4	2.7	8.3	14.0	17.8	20.2	14.6	6.2	2.3	1.8	1.2	.4
>= 5800.0	4.1	.2	1.3	4.7	8.1	9.5	12.1	7.0	3.6	1.2	.9	.5	.1
>= 8600.0	2.2		.5	2.1	4.3	5.4	7.2	4.0	2.1	.7	.4	.3	
>= 13000.0	1.1		.3	.5	1.8	3.1	4.5	1.8	.8	.4	.1		
>= 19000.0	.5		.1	.3	.7	1.7	2.0	.7	.3				
>= 28000.0	.2		.1		.4	1.0	.8						

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 89	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 110	99.5	100	100	100	100	100	100	100	100	100	100	100	93.3
>= 130	98.2	100	100	100	100	100	100	100	100	96.7	100	100	81.7
>= 150	96.2	100	100	100	100	100	100	100	100	95.0	95.2	98.4	65.0
>= 180	91.0	100	95.0	100	100	100	100	100	100	80.0	82.3	88.7	45.0
>= 220	84.0	100	85.0	100	100	100	100	100	87.1	70.0	69.4	72.6	23.3
>= 260	80.5	98.4	78.3	100	100	100	100	100	83.9	60.0	64.5	62.9	18.3
>= 310	76.0	85.5	73.3	100	100	100	100	100	79.0	50.0	54.8	54.8	15.0
>= 370	71.6	74.2	65.0	100	100	100	100	100	74.2	45.0	45.2	50.0	6.7
>= 450	67.8	62.9	58.3	98.4	100	94.6	100	100	72.6	43.3	37.1	41.9	5.0
>= 540	62.2	53.2	51.7	96.8	100	83.9	100	90.0	69.4	36.7	25.8	35.5	3.3
>= 640	56.8	48.4	45.0	90.3	91.9	80.4	100	76.7	66.1	28.3	24.2	27.4	3.3
>= 770	50.5	40.3	40.0	80.6	80.6	75.0	100	58.3	64.5	18.3	19.4	25.8	3.3
>= 920	44.9	33.9	35.0	66.1	72.6	71.4	95.2	48.3	62.9	16.7	16.1	21.0	
>= 1100	38.4	25.8	31.7	58.1	53.2	64.3	87.1	38.3	58.1	13.3	12.9	17.7	
>= 1300	32.9	22.6	28.3	48.4	41.9	53.6	79.0	35.0	50.0	8.3	11.3	16.1	
>= 1600	26.2	17.7	25.0	38.7	35.5	33.9	69.4	30.0	38.7	3.3	8.1	12.9	
>= 1900	19.7	12.9	20.0	27.4	32.3	12.5	56.5	25.0	32.3	1.7	4.8	9.7	
>= 2300	14.8	11.3	18.3	21.0	24.2	7.1	37.1	21.7	27.4	1.7	1.6	4.8	
>= 2700	12.5	9.7	15.0	17.7	24.2		30.6	20.0	24.2	1.7	1.6	3.2	
>= 3200	9.7	8.1	11.7	16.1	21.0		24.2	15.0	16.1			3.2	
>= 3900	6.4	6.5	8.3	9.7	11.3		16.1	13.3	8.1			3.2	
>= 4600	4.1	1.6	5.0	4.8	9.7		8.1	11.7	4.8			3.2	
>= 5500	3.2	1.6	3.3	4.8	8.0		6.4	10.0	3.2			1.6	
>= 6600	2.3		1.6	1.6	8.0		3.2	10.0	3.2				
>= 7900	1.7			1.6	6.4		1.6	10.0	1.6				
>= 9500	1.3			1.6	6.4			8.3					
>= 11000	.8			1.6	3.2			5.0					
>= 14000	.6				3.2			5.0					
>= 16000	.6				3.2			5.0					
>= 19000	.4				1.6			3.3					
>= 23000	.2							3.3					
>= 28000	.2							3.3					
>= 33000	.2							3.3					

STATION 03280000 NORTH FORK KENTUCKY RIVER AT JACKSON, KY. 1928-1931 1938-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .1	100	99.9	100	100	100	100	100	100	100	100	100	100	100
>= .2	100	99.9	99.8	100	100	100	100	100	100	100	100	100	100
>= .3	99.9	99.3	99.7	100	100	100	100	100	100	100	100	100	100
>= .5	99.9	98.9	99.5	100	100	100	100	100	100	100	100	100	100
>= .7	99.8	98.7	99.4	100	100	100	100	100	100	100	100	100	99.9
>= 1.0	99.7	98.5	99.1	100	100	100	100	100	100	100	100	100	99.2
>= 1.6	99.7	98.3	99.0	100	100	100	100	100	100	100	100	100	98.8
>= 2.3	99.6	98.0	98.9	100	100	100	100	100	100	100	100	100	98.3
>= 3.4	99.5	96.7	98.9	100	100	100	100	100	100	100	99.9	99.9	98.2
>= 5.0	99.3	95.9	98.8	100	100	100	100	100	100	100	99.9	99.8	97.2
>= 7.4	98.7	93.5	97.3	100	100	100	100	100	100	100	99.3	98.9	95.1
>= 11.0	98.1	91.6	95.4	100	100	100	100	100	100	100	98.8	97.8	93.3
>= 16.0	97.2	88.6	94.0	100	100	100	100	100	100	100	98.0	96.5	89.2
>= 24.0	95.7	83.8	92.5	99.5	100	100	100	100	100	99.9	96.9	93.5	83.0
>= 36.0	93.5	75.1	90.2	98.8	100	99.9	100	100	99.7	99.0	95.2	88.7	75.8
>= 53.0	90.4	66.4	85.2	95.2	99.4	99.6	100	100	99.5	97.7	91.9	82.6	67.7
>= 78.0	85.4	54.8	76.2	90.9	95.8	98.8	100	100	99.2	95.0	85.5	73.7	55.8
>= 120.0	78.4	42.0	68.7	86.4	93.5	97.8	99.8	100	98.1	84.1	71.8	60.6	39.4
>= 170.0	71.9	31.3	60.2	82.4	91.4	96.9	99.8	99.6	94.9	70.8	58.4	48.8	29.9
>= 250.0	64.2	22.2	49.8	75.1	89.0	94.6	99.6	98.7	86.7	55.2	45.7	36.3	20.2
>= 380.0	55.8	15.5	40.0	67.1	84.4	91.1	96.5	95.6	73.2	39.0	32.6	25.2	12.2
>= 560.0	47.9	9.6	29.9	56.9	77.3	85.3	94.5	89.5	59.5	26.6	23.5	17.7	8.0
>= 820.0	39.1	5.7	21.2	45.2	65.7	77.8	88.3	75.3	43.3	16.6	16.3	12.7	4.7
>= 1200.0	29.4	3.3	14.7	33.5	50.1	65.7	74.4	54.8	28.4	10.1	10.3	8.5	3.0
>= 1800.0	20.2	1.8	9.3	23.3	35.4	44.8	54.5	38.1	18.5	6.5	6.5	5.3	1.5
>= 2700.0	12.6	1.2	5.4	14.6	23.1	27.7	34.6	24.8	11.0	3.1	3.6	2.4	.9
>= 3900.0	7.3	.6	3.1	8.2	13.9	17.0	20.0	14.3	6.2	2.1	1.6	1.3	.3
>= 5800.0	4.0	.2	1.5	4.5	8.1	9.1	12.0	7.1	3.5	1.1	.8	.5	.1
>= 8600.0	2.2		.6	2.1	4.3	5.0	7.0	4.1	2.0	.6	.4	.2	
>= 13000.0	1.0		.3	.5	1.8	2.8	4.2	1.9	.8	.3	.1		
>= 19000.0	.4		.1	.3	.7	1.6	1.8	.8	.2				
>= 28000.0	.2		.1		.3	.9	.7	.1					

STATION 03280700 CUTSHIN CREEK AT WOOTON, KY. 1958-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .1	99.9	100	100	100	100	100	100	100	100	100	100	100	98.5
>= .2	99.4	99.0	99.8	100	100	100	100	100	100	100	100	99.8	94.6
>= .3	98.7	95.0	99.2	100	100	100	100	100	100	100	100	98.0	92.3
>= .4	98.4	93.5	99.2	100	100	100	100	100	100	100	100	97.2	90.4
>= .5	97.9	92.3	99.2	100	100	100	100	100	100	100	99.0	96.0	88.8
>= .7	97.1	91.5	99.0	100	100	100	100	100	100	100	97.4	94.0	84.0
>= .9	96.4	90.5	99.0	100	100	100	100	100	100	99.2	95.4	92.9	79.8
>= 1.2	94.7	87.5	96.5	99.6	100	100	100	100	100	98.3	93.3	89.1	72.3
>= 1.7	91.7	82.1	95.6	98.4	100	100	100	100	100	96.5	88.3	81.5	57.9
>= 2.3	89.3	75.4	92.7	96.6	100	100	100	100	100	95.4	83.9	76.0	51.9
>= 3.2	84.8	60.3	85.6	92.9	98.6	100	100	100	100	90.2	78.2	69.0	43.8
>= 4.4	80.8	51.0	79.0	91.7	97.0	99.8	100	100	99.6	84.6	71.6	61.7	34.2
>= 6.0	76.0	40.1	74.0	90.1	96.2	99.6	100	100	97.2	74.6	62.3	52.0	27.7
>= 8.2	71.1	32.3	67.9	83.5	95.4	99.6	100	99.4	94.0	64.6	53.2	43.5	22.1
>= 11.0	66.7	26.2	59.6	78.6	94.6	99.6	100	97.9	88.1	54.6	47.0	37.3	18.5
>= 15.0	61.5	20.8	49.8	72.6	93.3	96.9	100	96.7	80.6	45.0	39.3	30.6	14.0
>= 21.0	55.2	15.7	37.7	66.1	89.1	94.7	96.2	93.3	70.4	34.2	31.5	24.6	11.3
>= 29.0	49.6	11.7	29.6	59.9	83.5	92.0	94.0	89.4	57.3	27.9	26.0	19.8	6.9
>= 40.0	44.1	9.3	23.5	54.4	74.0	87.8	89.7	83.1	47.8	21.7	20.2	14.3	6.3
>= 54.0	37.3	7.3	18.1	46.4	60.7	78.5	81.5	70.4	38.1	15.8	16.9	11.9	4.8
>= 74.0	30.2	4.8	14.0	38.1	47.0	63.9	69.4	57.7	30.0	10.8	13.5	10.1	4.6
>= 100.0	23.2	3.6	10.2	31.3	34.9	44.2	58.7	45.6	22.4	7.3	9.9	7.9	2.9
>= 140.0	15.7	2.4	6.7	19.8	25.2	28.3	37.9	34.2	14.5	5.2	7.3	5.2	1.9
>= 190.0	10.8	1.6	3.9	14.7	17.5	19.0	25.6	22.5	11.4	3.3	4.8	4.2	1.6
>= 260.0	7.4	.8	2.7	10.4	10.8	12.3	17.9	15.4	9.2	3.1	3.2	2.2	.8
>= 360.0	4.8	.6	1.6	7.2	6.8	8.6	11.0	11.2	5.6	1.8	2.0	1.4	.4
>= 490.0	3.2	.4	1.2	5.8	5.2	5.3	6.8	7.2	4.2	1.4	1.2		.2
>= 670.0	2.0	.2	.6	3.6	3.4	3.0	4.4	4.5	3.0	1.2	.2		.2
>= 920.0	1.1	.2		1.6	2.0	1.9	3.4	2.2	1.2	.4	.2		
>= 1300.0	.5	.2		.8	.6	1.3	2.2	1.0	1.0				
>= 1700.0	.4	.2		.6	.2	.8	1.8	.6	1.0				
>= 2400.0	.1			.4		.2	.6	.4	.4				
>= 3200.0							.2	.2					

STATION 03280900 MIDDLE FORK KENTUCKY RIVER AT BUCKHORN, KY. 1957-1973

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .30	100	100	100	100	100	100	100	100	100	100	100	100	100
>= .60	99.9	100	100	100	100	100	100	100	100	100	100	99.2	100
>= .80	99.8	100	100	100	100	100	100	100	100	100	100	98.9	99.2
>= 1.10	99.7	100	100	100	100	100	100	100	100	100	100	98.3	98.2
>= 1.50	99.7	100	100	100	100	100	100	100	100	100	100	98.3	98.0
>= 2.10	99.6	100	100	100	100	100	100	100	100	100	100	98.1	97.1
>= 2.90	99.5	100	100	100	100	100	100	99.8	100	100	100	97.9	96.1
>= 4.00	99.4	100	100	100	100	100	100	99.8	100	100	100	96.8	95.9
>= 5.60	99.1	98.9	100	100	100	100	100	99.8	100	100	100	95.4	94.7
>= 7.70	98.6	97.5	100	100	100	100	100	99.8	100	100	98.9	92.8	93.7
>= 11.00	97.9	94.1	100	99.1	100	100	100	99.8	100	100	97.2	91.8	92.7
>= 15.00	97.0	91.7	100	95.4	99.8	100	100	99.8	100	100	96.6	89.6	91.4
>= 21.00	95.9	88.2	98.2	95.1	97.5	99.8	100	99.6	100	99.8	95.3	88.0	89.4
>= 29.00	94.4	83.3	95.3	93.7	96.8	99.6	99.6	97.8	100	99.0	93.7	87.1	87.3
>= 40.00	92.5	79.3	91.4	91.8	96.4	99.6	99.6	97.5	100	97.3	92.0	82.5	82.7
>= 56.00	87.8	75.7	84.9	85.6	95.8	99.0	99.6	93.5	97.5	93.1	84.6	67.0	78.4
>= 78.00	77.4	66.2	81.6	78.2	94.5	98.8	99.6	88.6	83.9	73.5	70.0	42.9	52.0
>= 110.00	65.5	63.0	77.6	71.7	94.3	97.7	98.5	76.5	75.0	44.5	30.2	20.3	39.0
>= 150.00	57.1	40.2	62.2	65.1	91.1	95.6	95.6	71.6	66.6	33.3	24.3	18.4	23.9
>= 210.00	48.1	21.3	42.4	59.0	83.9	93.8	94.3	66.7	53.9	22.9	18.0	13.3	10.6
>= 290.00	41.1	9.5	29.8	52.6	75.3	87.3	87.5	61.2	43.8	18.8	15.0	9.9	5.7
>= 400.00	33.5	6.1	19.4	44.0	59.4	78.1	74.8	53.5	32.6	12.7	12.1	8.2	4.1
>= 560.00	26.6	4.0	13.7	33.6	45.7	62.5	62.2	46.7	26.6	9.8	8.9	5.1	2.9
>= 780.00	20.2	3.0	10.0	22.9	35.6	43.5	48.5	39.8	23.5	6.4	6.2	3.2	1.5
>= 1100.00	15.3	2.4	6.2	18.9	27.3	31.2	37.9	31.7	18.4	5.0	3.6	1.5	.7
>= 1500.00	11.4	1.3	3.9	13.8	21.0	22.7	28.6	24.3	14.2	3.9	2.0	.9	.3
>= 2100.00	7.9	.7	1.5	9.1	15.5	13.7	22.2	17.2	11.0	2.7	.9	.1	
>= 2900.00	5.4	.3	.7	6.4	9.4	8.3	17.4	13.1	8.3	.9	.3		
>= 4000.00	.7		.3	.7	1.3	1.8	2.0	1.1	.9	.3			
>= 5600.00	.3			.3	.7	.6	.7	.5	.7				
>= 7800.00	.1			.1	.3			.1	.5				
>= 11000.00					.3				.1				
>= 15000.00					.3								
>= 21000.00					.3								

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 1.0	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 1.4	99.7	100	100	100	100	100	100	100	100	100	100	100	96.7
>= 1.8	99.7	100	100	100	100	100	100	100	100	100	100	100	96.7
>= 2.5	99.4	100	100	100	100	100	100	100	100	100	100	100	93.3
>= 3.3	96.0	75.0	83.3	100	100	100	100	100	100	100	100	100	90.0
>= 4.5	96.0	75.0	83.3	100	100	100	100	100	100	100	100	100	90.0
>= 6.1	95.1	75.0	83.3	100	100	100	100	100	100	100	98.7	98.1	83.3
>= 8.2	94.9	75.0	83.3	100	100	100	100	100	100	100	97.4	98.1	83.3
>= 11.0	94.0	68.5	83.3	100	100	100	100	100	100	100	97.4	96.8	80.0
>= 15.0	93.0	65.3	83.3	100	100	100	100	100	100	100	91.0	94.8	80.0
>= 20.0	92.1	62.9	83.3	100	100	100	100	100	100	100	87.7	91.0	79.3
>= 27.0	90.7	60.5	83.3	100	100	100	100	100	100	100	86.5	82.6	76.7
>= 37.0	88.0	49.2	81.7	100	100	100	100	100	98.7	95.3	80.0	80.0	72.7
>= 50.0	85.1	34.7	78.3	93.5	100	100	100	100	97.4	90.0	80.0	77.4	70.7
>= 67.0	81.9	28.2	66.7	88.7	100	100	100	100	94.8	86.0	79.4	71.0	67.3
>= 91.0	77.8	18.5	54.2	86.3	97.6	92.9	100	100	92.3	84.7	77.4	65.8	61.3
>= 120.0	73.9	17.7	40.0	83.9	95.2	88.4	100	100	90.3	78.7	75.5	60.0	54.0
>= 170.0	67.5	10.5	35.8	69.4	84.7	84.8	97.6	100	83.9	68.7	72.9	54.8	43.3
>= 220.0	61.7	7.3	32.5	62.9	78.2	81.3	96.8	98.0	72.3	56.7	71.0	47.7	34.7
>= 300.0	54.7	5.6	29.2	50.8	66.1	74.1	96.0	94.0	59.4	46.0	63.9	43.9	27.3
>= 410.0	46.4	4.8	24.2	37.1	54.0	67.0	85.5	85.3	49.0	36.7	53.5	40.6	18.7
>= 550.0	39.5	3.2	21.7	29.0	49.2	57.1	76.6	80.7	43.9	25.3	43.9	31.6	12.7
>= 750.0	31.6	2.4	16.7	24.2	33.9	42.9	71.8	67.3	33.5	18.7	36.1	21.9	10.7
>= 1000.0	24.2	2.4	12.5	20.9	26.6	33.0	56.4	53.3	20.6	14.6	27.7	18.7	5.3
>= 1400.0	16.7		10.8	14.5	16.9	17.8	40.3	38.6	13.5	10.6	21.9	13.5	2.0
>= 1800.0	12.5		9.1	8.8	9.6	13.3	33.0	31.8	5.8	9.3	16.7	10.9	2.0
>= 2500.0	7.9		6.6	4.0	1.6	7.1	25.8	22.6	3.2	4.6	11.6	7.0	.6
>= 3400.0	4.6		6.6	.8		5.3	17.7	11.3		2.6	8.3	3.8	
>= 4500.0	3.3		5.8			5.3	11.2	7.3		2.0	5.8	3.2	
>= 6100.0	1.5		1.6			2.6	3.2	4.0		1.3	3.8	1.9	
>= 8300.0	.9		1.6				2.4	3.3			1.9	1.2	
>= 11000.0	.5		.8					2.6			1.9	.6	
>= 15000.0	.2							1.3			1.2		
>= 20000.0	.1										1.2		

STATION 03280600 MIDDLE FORK KENTUCKY RIVER NEAR HYDEN, KY. 1958-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .05	99.8	100	100	100	100	100	100	100	100	100	100	99.7	98.3
>= .08	99.8	100	100	100	100	100	100	100	100	100	100	99.4	98.3
>= .10	99.8	100	100	100	100	100	100	100	100	100	100	99.4	98.3
>= .20	99.8	99.8	100	100	100	100	100	100	100	100	100	99.4	98.1
>= .30	99.7	99.7	100	100	100	100	100	100	100	100	100	99.4	96.8
>= .40	99.6	98.9	99.8	100	100	100	100	100	100	100	100	99.4	96.7
>= .50	99.4	98.0	99.5	100	100	100	100	100	100	100	100	99.4	95.4
>= .80	98.9	96.3	99.2	100	100	100	100	100	100	100	100	99.1	92.7
>= 1.20	98.5	94.9	99.2	100	100	100	100	100	100	100	99.4	97.5	90.6
>= 1.70	98.0	93.7	99.2	100	100	100	100	100	100	100	98.6	96.2	87.9
>= 2.40	97.1	91.2	98.3	100	100	100	100	100	100	99.2	97.4	94.9	84.1
>= 3.50	95.6	88.5	95.9	99.1	100	100	100	100	100	98.7	95.2	90.5	79.7
>= 5.10	93.3	83.9	93.3	98.2	100	100	100	100	100	97.1	91.2	86.5	69.8
>= 7.40	90.0	75.9	92.1	96.6	99.5	100	100	100	100	96.2	84.3	80.3	55.6
>= 11.00	85.8	64.1	88.4	94.9	98.2	99.8	100	100	100	92.9	76.2	71.3	44.6
>= 16.00	80.8	51.2	83.0	93.7	97.2	99.7	100	100	99.7	85.1	65.7	61.9	33.2
>= 23.00	74.8	40.4	75.2	90.8	96.6	99.7	100	100	97.5	72.5	54.5	49.0	22.7
>= 33.00	68.7	31.0	62.7	85.3	95.9	99.5	100	99.2	91.7	60.3	46.2	37.3	17.3
>= 47.00	63.0	24.9	50.3	80.8	94.8	98.7	99.7	95.9	85.1	49.4	34.7	30.0	13.7
>= 69.00	56.5	18.1	42.2	76.7	92.6	96.5	97.1	93.7	73.3	36.0	24.0	20.4	9.8
>= 100.00	50.5	13.8	34.4	69.3	88.3	92.6	95.9	87.1	61.8	25.2	18.1	14.7	6.5
>= 140.00	44.5	10.3	27.3	59.8	79.0	86.8	93.5	81.4	51.5	18.7	13.5	10.8	3.8
>= 210.00	36.3	6.5	19.8	49.8	62.5	77.1	84.6	69.2	38.1	12.7	9.2	6.9	1.7
>= 300.00	27.3	4.9	14.9	36.7	48.2	57.5	67.8	53.8	26.2	7.4	6.7	3.8	1.5
>= 440.00	17.5	2.6	10.1	22.4	32.4	34.0	46.5	35.5	15.8	4.6	4.4	2.4	.7
>= 640.00	10.6	1.8	6.6	13.8	21.1	19.2	27.3	22.0	9.6	3.0	1.8	1.2	.1
>= 930.00	6.7	1.2	4.2	9.0	13.5	12.3	16.5	13.3	6.2	2.3	1.0	.6	.1
>= 1300.00	4.1	.7	3.1	5.8	7.9	6.4	10.7	9.0	3.8	1.5	.3	.3	
>= 1900.00	2.4	.3	1.9	3.5	4.6	3.3	6.2	4.7	2.9	1.1	.1		
>= 2800.00	1.2	.1	.9	2.3	2.3	1.6	3.5	2.3	1.3	.4			
>= 4100.00	.6	.1	.4	.7	.9	1.0	2.4	1.1	.9	.3			
>= 5900.00	.3		.4	.3	.3	.5	1.0	.6	.6				
>= 8600.00	.1		.1	.1			.4	.3	.1				
>= 13000.00							.1						

STATION 03281000 MIDDLE FORK KENTUCKY RIVER AT TALLEGA, KY. 1931-1932 1940-1960 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)		DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
			PERCENT											
>=	.10	100	100	100	100	100	100	100	100	100	100	100	100	100
>=	.20	99.9	98.5	100	100	100	100	100	100	100	100	100	100	100
>=	.30	99.6	96.5	99.1	100	100	100	100	100	100	100	100	100	99.8
>=	.40	99.4	96.2	97.1	100	100	100	100	100	100	100	100	100	99.5
>=	.60	99.1	93.7	96.8	100	100	100	100	100	100	100	100	100	99.2
>=	.90	99.0	92.7	96.7	100	100	100	100	100	100	100	100	100	98.6
>=	1.40	98.7	91.4	96.5	100	100	100	100	100	100	100	99.9	99.4	97.6
>=	2.00	98.2	89.3	95.7	99.3	100	100	100	100	100	100	99.6	98.4	95.9
>=	2.90	97.2	86.8	93.5	98.7	100	100	100	100	100	100	99.3	97.7	90.9
>=	4.20	96.3	85.3	91.4	98.2	100	100	100	100	100	100	99.0	95.9	86.4
>=	6.10	94.7	78.5	88.4	97.9	100	100	100	100	100	100	98.4	92.7	80.6
>=	9.10	92.7	70.8	84.2	96.2	100	100	100	100	100	100	97.1	88.1	76.2
>=	13.00	90.5	63.3	82.9	95.8	99.6	99.8	100	100	99.7	99.2	93.7	82.4	70.0
>=	19.00	87.2	54.7	78.8	92.7	98.0	98.8	100	100	99.4	97.0	88.9	76.2	62.0
>=	28.00	83.1	41.7	71.4	90.0	97.6	98.0	100	100	98.7	92.6	82.1	71.1	55.3
>=	40.00	78.5	29.6	64.1	86.5	95.5	98.0	100	100	98.2	85.3	74.0	64.2	47.4
>=	59.00	72.7	21.0	55.2	80.8	91.2	96.6	99.7	100	96.2	78.6	63.3	54.7	36.2
>=	85.00	66.4	13.5	44.6	74.5	88.5	94.2	99.6	100	92.8	66.5	54.7	43.7	25.2
>=	120.00	60.5	9.7	37.0	67.6	85.3	92.0	99.3	98.6	83.7	54.1	46.3	34.6	17.7
>=	180.00	53.4	6.2	30.3	59.9	79.8	86.6	97.5	97.6	70.2	40.6	35.2	26.1	10.6
>=	260.00	47.2	3.4	23.8	53.0	72.5	83.4	95.0	93.2	58.7	30.3	28.2	19.9	5.6
>=	380.00	39.5	1.7	17.2	42.9	62.7	76.7	89.9	83.2	42.7	18.8	22.1	12.9	2.7
>=	560.00	30.5	.4	11.7	33.5	48.8	67.4	75.2	63.5	26.7	12.1	15.8	8.8	1.2
>=	810.00	22.6	.1	6.9	25.6	35.7	53.7	61.8	45.0	16.7	7.5	11.2	5.5	.9
>=	1200.00	15.6	.1	5.3	16.4	27.6	40.5	42.9	27.5	9.3	4.8	8.2	3.5	.6
>=	1700.00	10.1		3.0	10.5	19.0	27.0	27.7	17.8	5.5	3.1	5.2	2.1	.3
>=	2500.00	5.6		1.7	6.5	11.5	16.2	14.0	8.6	3.2	1.9	2.6	1.1	.1
>=	3700.00	3.1		.5	4.0	7.1	7.9	7.9	5.1	2.0	1.2	.5	.5	
>=	5300.00	1.8		.1	1.8	4.2	5.5	5.0	3.1	1.1	.4	.2	.4	
>=	7800.00	.8			.5	1.5	2.9	2.6	1.2	.4	.3			
>=	11000.00	.3			.1	.8	1.6	1.1	.1	.2	.1			
>=	16000.00					.5	.4							
>=	24000.00					.1	.1							

STATION 03281000 MIDDLE FORK KENTUCKY RIVER AT TALLEGA, KY. 1962-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)		DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
			PERCENT											
>=	13	100	100	100	100	100	100	100	100	100	100	100	100	100
>=	16	99.8	99.8	100	100	100	100	100	100	100	100	100	99.2	98.8
>=	19	99.6	99.8	100	98.7	100	100	100	100	100	100	100	98.7	98.2
>=	24	99.4	99.8	100	97.3	100	100	100	100	100	100	100	98.1	98.0
>=	29	99.3	99.8	100	97.2	99.2	100	100	100	100	100	100	98.1	97.6
>=	36	99.2	99.8	100	96.8	98.5	99.8	100	100	100	100	100	97.7	97.5
>=	44	98.7	99.6	100	95.1	98.1	99.6	100	100	100	100	98.5	96.8	96.5
>=	53	97.3	99.6	100	94.9	97.9	99.4	100	100	100	98.8	97.2	87.9	92.4
>=	65	94.6	99.4	100	94.3	97.5	99.4	99.8	99.0	98.3	96.3	89.0	75.5	87.6
>=	80	89.2	96.0	99.6	89.8	96.8	99.2	99.6	98.0	93.4	86.7	76.5	61.9	74.3
>=	97	81.1	90.5	99.2	86.1	96.4	98.8	99.4	93.9	86.0	69.8	53.1	38.0	63.7
>=	120	75.4	87.9	99.0	82.7	95.6	98.3	98.9	91.4	79.9	55.5	38.5	30.4	48.8
>=	150	69.0	70.0	91.4	78.7	93.7	97.1	97.9	85.7	74.6	47.3	31.3	26.0	36.9
>=	180	63.2	54.6	80.8	74.8	92.8	94.2	95.4	80.2	70.6	41.0	26.8	22.6	26.5
>=	220	57.0	41.6	67.6	69.4	89.9	93.1	94.9	74.1	64.9	33.1	21.8	17.6	17.8
>=	270	52.3	33.6	55.9	65.5	87.7	92.1	93.9	68.4	60.2	27.5	17.8	13.5	13.7
>=	330	47.9	24.9	46.9	60.9	83.7	89.2	92.2	63.3	54.6	23.5	14.8	11.4	11.8
>=	400	43.8	19.0	35.3	56.0	79.1	86.3	89.4	59.8	51.6	21.0	12.5	9.5	8.4
>=	490	39.2	12.9	28.4	50.9	72.1	80.6	84.8	55.5	45.0	18.2	9.3	8.2	6.1
>=	600	34.4	10.1	23.9	46.1	63.9	72.9	75.7	51.6	38.7	14.1	6.8	6.5	4.5
>=	730	30.2	8.5	20.6	39.8	56.0	62.9	67.9	48.0	35.1	12.2	4.7	4.9	3.7
>=	890	26.8	7.0	18.4	34.5	51.4	50.8	62.0	45.1	30.6	10.8	4.4	4.2	3.1
>=	1100	22.8	5.5	14.9	31.1	45.0	39.8	55.4	40.4	26.2	8.8	2.7	3.2	1.6
>=	1300	20.0	4.1	10.1	28.0	40.4	33.3	50.2	38.4	24.0	7.6	1.7	2.0	.7
>=	1600	17.2	2.8	7.4	24.2	36.0	28.1	44.0	34.9	20.3	6.6	1.1	1.5	.3
>=	2000	13.8	1.3	5.6	19.1	29.4	21.2	36.6	29.6	16.1	5.4	.5	.5	.1
>=	2400	11.0	.7	4.1	14.2	24.2	15.8	31.1	24.5	13.0	4.1	.1	.1	
>=	3000	7.6	.3	2.5	9.6	15.1	10.4	24.8	18.4	9.1	.7	.1	.1	
>=	3700	2.0		.3	2.8	3.7	3.5	7.4	4.3	2.0	.1		.1	
>=	4500	.5			1.1	.5	1.2	2.6	.5	.7	.1			
>=	5500	.1			.1		.8	.7		.1	.1			
>=	6700						.4	.3						
>=	8200						.4							
>=	10000						.4							

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
.10	100	100	100	100	100	100	100	100	100	100	100	100	100
.20	99.9	99.1	100	100	100	100	100	100	100	100	100	100	100
.30	99.8	98.0	99.5	100	100	100	100	100	100	100	100	100	99.9
.40	99.7	97.9	98.4	100	100	100	100	100	100	100	100	100	99.8
.60	99.5	96.5	98.2	100	100	100	100	100	100	100	100	100	99.6
.90	99.4	95.9	98.1	100	100	100	100	100	100	100	100	100	99.3
1.40	99.3	95.2	98.0	100	100	100	100	100	100	100	99.9	99.7	98.7
2.00	99.0	94.0	97.6	99.6	100	100	100	100	100	100	99.8	99.1	97.8
2.90	98.5	92.6	96.3	99.3	100	100	100	100	100	100	99.6	98.7	95.0
4.20	98.0	91.7	95.2	99.0	100	100	100	100	100	100	99.4	97.7	92.5
6.10	97.0	88.0	93.5	98.8	100	100	100	100	100	100	99.1	96.0	89.3
9.00	95.9	83.6	91.1	97.9	100	100	100	100	100	100	98.4	93.5	86.9
13.00	94.7	79.4	90.4	97.6	99.8	99.9	100	100	99.8	99.6	96.5	90.3	83.5
19.00	92.7	74.5	88.1	95.4	98.9	99.3	100	100	99.7	98.3	93.9	86.4	78.3
28.00	90.4	67.2	84.0	93.2	98.5	98.9	100	100	99.3	95.9	90.2	83.3	74.4
40.00	87.6	60.4	79.8	90.9	96.8	98.7	100	100	99.0	91.9	85.7	79.2	69.9
59.00	83.0	54.8	74.9	86.9	94.1	97.8	99.8	99.9	97.9	87.1	76.5	66.6	60.6
85.00	75.2	45.9	68.4	81.1	92.1	96.4	99.6	98.5	92.3	74.1	62.3	47.7	44.2
120.00	66.9	41.9	62.8	74.7	89.9	94.8	99.1	95.6	82.4	54.9	43.1	32.9	31.2
180.00	57.6	26.1	50.8	66.5	85.7	90.1	96.7	90.3	70.6	40.4	31.9	24.6	17.4
260.00	49.7	16.7	37.1	58.2	79.5	87.6	94.8	83.1	59.8	28.9	24.4	17.5	9.1
380.00	41.8	9.2	25.2	48.9	70.4	81.4	90.3	73.8	47.2	19.6	18.6	11.5	5.3
560.00	32.8	4.6	17.4	39.1	56.4	70.7	77.3	59.8	32.7	13.4	12.2	7.9	2.8
810.00	25.2	3.1	12.0	29.8	43.4	55.1	63.8	46.8	24.0	9.1	8.4	4.9	2.0
1200.00	18.2	1.9	8.1	21.4	34.0	38.9	47.9	34.0	16.4	6.1	5.6	3.0	.9
1700.00	12.9	1.1	4.5	15.4	25.6	26.8	34.0	25.4	11.9	4.6	3.3	1.6	.3
2500.00	7.7	.2	2.6	9.2	16.4	15.7	20.7	15.5	6.8	2.7	1.5	.7	
3700.00	2.7		.4	3.4	5.7	6.3	7.9	4.9	2.1	.7	.3	.4	
5300.00	1.1			1.1	2.4	3.6	3.6	1.8	.7	.3	.1	.2	
7800.00	.4			.3	.8	1.8	1.4	.6	.2	.1			
11000.00	.2				.4	.9	.6		.1				
16000.00					.3	.2							

STATION 03281040 RED BIRD CREEK NEAR BIG CREEK, KY. 1972-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
.6	100	100	100	100	100	100	100	100	100	100	100	100	100
.9	99.6	100	100	100	100	100	100	100	100	100	100	99.1	96.7
1.2	99.3	100	100	100	100	100	100	100	100	100	100	99.1	93.8
1.6	99.1	100	100	100	100	100	100	100	100	100	100	98.6	91.9
2.2	98.4	100	100	100	100	100	100	100	100	100	100	97.2	86.2
2.9	97.5	100	100	100	100	100	100	100	100	100	98.9	96.8	77.6
3.9	95.6	98.4	100	100	100	100	100	100	100	100	93.0	91.7	69.0
5.2	93.9	95.7	100	100	100	100	100	100	100	100	87.6	86.2	63.3
7.0	91.0	91.9	100	100	100	100	100	100	100	97.8	80.1	73.3	57.6
9.3	89.2	90.9	100	100	100	100	100	100	100	96.1	73.7	64.1	56.2
13.0	86.9	88.2	100	100	100	100	100	100	97.8	92.8	67.2	58.1	51.0
17.0	83.8	82.8	98.3	100	100	100	100	100	96.2	87.8	59.1	51.6	42.9
22.0	80.9	81.2	95.6	100	100	100	100	100	92.5	82.8	53.4	45.2	34.8
30.0	77.2	68.8	89.4	100	100	100	100	100	88.7	76.7	48.4	38.7	31.4
40.0	72.9	60.2	83.3	100	100	100	100	98.9	84.9	73.3	37.6	28.6	24.8
54.0	67.9	42.5	77.2	97.3	100	100	100	97.2	82.3	63.3	31.7	22.6	18.1
72.0	62.0	34.9	66.7	92.5	98.4	92.3	100	90.0	79.0	54.4	24.2	16.6	12.9
97.0	56.1	25.3	52.2	87.6	90.3	89.3	97.8	85.0	75.8	44.4	18.8	12.0	11.0
130.0	49.7	18.8	41.7	80.6	83.9	85.8	93.0	72.8	67.7	33.9	14.5	11.5	7.6
170.0	43.3	13.4	33.3	67.7	73.7	80.5	87.1	65.0	59.7	26.1	12.9	10.1	3.3
230.0	33.3	10.8	25.6	51.1	62.4	62.7	75.8	47.8	42.5	14.4	9.7	5.5	2.9
310.0	24.8	8.1	19.4	38.7	50.0	39.1	63.4	37.8	27.4	8.9	7.5	3.7	1.4
420.0	16.9	6.5	12.8	26.3	36.6	22.5	47.3	23.3	17.7	6.7	4.3	2.3	1.0
560.0	11.7	4.3	8.8	16.1	27.4	15.3	33.8	16.6	11.2	5.5	2.6	1.3	.4
750.0	8.9	3.7	8.3	12.9	20.9	9.4	24.1	13.8	9.6	3.3	1.6	1.3	
1000.0	6.5	.5	6.6	10.2	15.5	7.1	17.7	9.4	8.6	2.2	1.6	.4	
1400.0	4.0	.5	5.5	6.9	8.6	3.5	11.2	7.2	4.8	1.1			
1800.0	2.7	.5	3.8	3.7	6.4	2.3	8.6	5.5	2.1	1.1			
2400.0	1.9	.5	3.3	2.1	4.3	.5	6.9	3.8	1.6	1.1			
3300.0	1.3		1.6	2.1	2.6	.5	5.3	2.2	1.0	.5			
4400.0	.7		1.6	1.6	1.6		2.6	1.6					
5800.0	.5		1.1	.5	1.0		2.6	1.1					
7800.0							.5	.5					
11000.0								.5					

STATION 03281100 GOOSE CREEK AT MANCHESTER, KY. 1965-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .10	100	100	100	100	100	100	100	100	100	100	100	100	100
>= .20	100	100	100	100	100	100	100	100	100	100	100	100	99.8
>= .30	100	100	100	100	100	100	100	100	100	100	100	100	99.8
>= .40	100	100	100	100	100	100	100	100	100	100	99.8	100	99.8
>= .60	99.9	100	100	100	100	100	100	100	100	100	99.8	100	99.0
>= .80	99.8	100	100	100	100	100	100	100	100	100	98.8	100	99.0
>= 1.10	99.7	100	100	100	100	100	100	100	100	100	98.2	100	98.6
>= 1.60	99.4	99.8	100	100	100	100	100	100	100	100	97.0	100	96.2
>= 2.30	98.0	94.2	100	100	100	100	100	100	100	99.8	95.4	98.2	88.8
>= 3.30	96.0	91.0	98.8	100	100	100	100	100	100	97.9	93.3	92.2	78.8
>= 4.60	93.2	87.3	96.7	99.3	100	100	100	100	100	94.3	89.9	85.3	65.2
>= 6.60	89.1	82.0	92.9	98.4	100	100	100	100	98.8	87.6	83.2	72.1	55.0
>= 9.30	85.5	77.2	87.9	98.2	100	100	100	100	97.5	82.4	74.7	62.7	46.4
>= 13.00	82.1	70.3	85.0	97.7	98.6	100	100	100	95.2	79.3	66.6	53.9	39.0
>= 19.00	75.8	56.7	76.4	95.6	98.4	100	100	100	91.5	66.4	55.3	41.0	29.8
>= 27.00	69.3	42.4	66.7	89.4	98.2	98.7	100	100	86.9	51.7	44.5	31.6	23.3
>= 38.00	63.3	32.7	59.5	81.6	93.8	97.7	97.9	100	78.1	42.1	36.2	22.6	18.8
>= 53.00	57.4	24.4	51.7	76.5	88.9	95.4	94.2	96.4	71.4	33.3	26.5	18.2	14.0
>= 76.00	51.3	18.0	39.8	71.4	84.8	91.9	91.2	89.0	63.4	23.3	20.7	13.8	10.2
>= 110.00	43.7	12.4	30.7	58.1	74.4	83.0	83.6	80.0	54.8	17.1	15.2	10.4	7.1
>= 150.00	37.9	9.9	23.8	50.2	66.1	75.4	76.7	68.3	44.5	14.5	13.6	8.1	5.5
>= 220.00	29.5	7.6	18.1	38.0	50.9	57.5	62.9	52.1	37.1	10.7	10.6	6.2	3.3
>= 310.00	21.0	6.0	13.8	26.7	35.7	40.8	49.5	36.7	23.7	7.6	6.9	3.9	1.7
>= 430.00	14.8	4.3	10.0	19.1	27.4	28.1	35.7	26.1	14.5	4.5	5.2	2.3	1.1
>= 620.00	8.9	2.5	5.7	12.4	17.5	15.6	21.6	16.4	7.8	2.3	3.4	1.6	.2
>= 870.00	6.0	1.6	3.0	8.0	12.9	11.1	13.8	11.9	5.9	1.4	2.0	.2	
>= 1200.00	4.0	1.1	2.3	5.7	8.9	7.0	9.2	8.0	3.9	1.1	1.3		
>= 1800.00	2.5	.6	1.4	3.9	4.8	3.2	6.9	5.9	2.3	.4	.4		
>= 2500.00	1.6	.6	1.1	3.2	2.5	1.2	4.6	3.3	1.8	.2	.2		
>= 3500.00	.8	.2	.9	1.8	.4	1.0	2.7	1.9	.4	.2	.2		
>= 5000.00	.4	.2	.2	.9	.2	.2	1.6	1.1	.4				
>= 7100.00	.1		.2	.2			.9	.4	.4				
>= 10000.00							.2	.2					

STATION 03281500 SOUTH FORK KENTUCKY RIVER AT BOONEVILLE, KY. 1925-1931 1940-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .10	99.8	98.7	99.1	100	100	100	100	100	100	100	100	100	100
>= .20	99.7	97.8	98.5	100	100	100	100	100	100	100	100	99.7	100
>= .30	99.6	97.5	98.4	100	100	100	100	100	100	100	99.7	99.7	99.9
>= .50	99.3	96.0	97.6	100	100	100	100	100	100	100	99.6	99.5	99.2
>= .70	99.1	95.6	97.5	100	100	100	100	100	100	100	99.5	99.3	97.3
>= 1.10	98.8	94.6	96.9	99.6	100	100	100	100	100	100	99.4	98.9	95.9
>= 1.60	98.6	94.3	96.3	99.3	100	100	100	100	100	100	99.3	98.5	95.0
>= 2.30	98.2	93.3	95.2	98.9	100	100	100	100	100	100	99.0	98.1	93.9
>= 3.50	97.6	90.9	94.8	98.7	100	100	100	100	100	100	98.9	97.1	91.3
>= 5.20	96.8	88.7	93.6	98.6	100	100	100	100	100	100	98.7	95.6	86.9
>= 7.70	95.4	83.2	90.4	97.3	100	100	100	100	100	100	97.6	93.9	82.4
>= 12.00	94.0	78.6	89.8	96.6	99.4	100	100	100	99.9	99.6	96.2	91.3	77.2
>= 17.00	92.2	72.5	88.7	95.8	99.3	100	100	100	99.7	99.0	92.7	87.9	71.1
>= 26.00	89.1	63.7	85.1	94.5	99.3	100	100	100	99.6	96.3	87.2	82.7	61.6
>= 38.00	85.6	56.6	81.0	93.3	99.2	99.3	100	100	99.2	92.0	81.0	74.1	52.4
>= 57.00	80.1	45.5	74.7	90.1	96.4	98.8	100	100	98.5	85.3	71.6	60.4	41.2
>= 85.00	73.7	34.5	65.7	86.2	94.3	95.5	99.8	100	95.8	74.2	60.6	47.9	31.3
>= 130.00	66.9	24.7	54.9	81.5	92.7	94.7	99.6	99.5	88.3	59.9	50.5	36.3	21.9
>= 190.00	60.2	18.1	47.5	74.3	89.5	92.6	98.6	96.6	78.2	46.6	39.2	27.5	15.0
>= 280.00	53.1	12.3	37.9	63.9	84.3	88.0	96.4	93.3	67.6	35.6	29.7	19.9	9.9
>= 420.00	45.5	7.9	29.0	54.2	75.1	83.2	92.6	83.0	53.5	25.6	22.7	14.3	6.8
>= 620.00	36.7	4.9	22.3	44.0	61.7	74.5	83.4	65.8	38.6	17.1	16.1	10.5	3.5
>= 930.00	27.6	3.3	15.4	33.1	45.4	60.7	67.7	49.6	26.2	11.8	11.0	7.2	2.0
>= 1400.00	19.0	2.1	10.5	22.5	33.5	41.8	49.4	34.0	16.3	7.2	7.0	3.9	1.1
>= 2100.00	12.0	1.2	6.9	14.9	23.3	25.2	31.2	21.1	9.8	4.5	4.3	2.2	.7
>= 3100.00	7.3	.5	3.9	9.4	14.9	15.1	18.9	12.6	6.1	2.8	2.2	1.3	.4
>= 4600.00	4.4	.2	2.2	5.7	9.6	9.3	11.2	8.0	3.7	1.6	1.1	.6	
>= 6800.00	2.6	.1	1.1	3.2	5.5	5.5	6.8	4.7	2.1	1.1	.7	.1	
>= 10000.00	1.3		.4	2.0	2.7	2.8	4.0	2.2	1.2	.4	.2		
>= 15000.00	.5		.1	.8	1.1	1.3	1.9	.8	.4	.2			
>= 23000.00	.2			.1	.4	.7	.7	.2					
>= 34000.00					.2	.2	.2	.1					

STATION 03282000 KENTUCKY RIVER AT LOCK 14, AT HEILDELBERG, KY. 1926-1931 1938-1960 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 6	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 8	99.7	98.2	98.2	100	100	100	100	100	100	100	100	100	100
>= 11	99.4	98.2	98.2	100	100	100	100	100	100	100	99.9	99.9	96.2
>= 15	99.0	96.4	97.0	100	100	100	100	100	100	100	99.8	99.8	94.4
>= 20	98.7	95.5	96.4	99.9	100	100	100	100	100	100	99.5	99.8	93.2
>= 26	97.2	88.6	94.0	98.8	100	100	100	100	100	100	98.8	97.0	88.7
>= 35	96.4	85.9	92.5	98.0	100	100	100	100	100	100	97.9	96.1	86.0
>= 47	94.9	81.0	89.5	97.0	100	100	100	100	100	100	96.8	94.0	81.1
>= 64	93.3	76.4	86.3	95.0	100	100	100	100	100	100	94.7	90.0	77.1
>= 86	91.4	68.0	84.9	94.0	99.9	100	100	100	99.7	99.0	93.0	85.6	73.1
>= 120	88.6	58.9	80.8	92.3	98.8	99.6	100	100	99.2	97.5	89.4	80.3	66.9
>= 150	86.7	53.1	79.3	91.1	98.5	98.5	100	100	99.1	96.1	85.6	76.0	63.5
>= 210	82.0	41.7	72.4	89.1	94.5	98.4	100	100	98.7	91.3	78.8	66.8	53.2
>= 280	77.6	31.5	66.8	86.2	92.7	97.5	100	100	97.9	84.8	71.8	60.4	42.9
>= 380	72.1	22.2	58.6	81.0	91.0	96.3	99.7	100	94.6	77.3	64.1	49.8	32.3
>= 500	66.0	16.1	51.1	75.3	87.9	94.4	99.4	99.2	89.1	65.4	54.4	38.6	22.9
>= 680	60.4	12.6	44.0	69.6	84.7	92.3	99.1	98.0	82.9	52.1	43.7	31.7	15.8
>= 910	54.4	9.9	38.1	62.3	79.4	88.1	97.1	96.3	73.8	39.6	35.5	24.1	10.8
>= 1200	49.1	7.7	32.0	54.5	74.7	85.3	95.4	92.0	63.5	31.2	28.1	18.4	8.0
>= 1600	43.7	5.4	26.4	47.8	67.3	81.2	92.4	86.3	52.5	23.6	24.0	14.5	4.8
>= 2200	36.8	3.2	21.0	39.5	58.6	74.8	85.0	71.8	40.0	17.4	18.5	10.7	3.5
>= 3000	29.8	1.8	16.3	32.7	48.2	65.7	74.9	55.4	27.9	12.4	14.2	8.1	2.3
>= 4000	23.7	1.0	13.3	26.2	37.9	55.9	61.8	43.6	19.1	9.8	10.7	6.0	1.5
>= 5400	18.3	.6	10.1	19.8	30.6	45.3	47.3	33.2	14.0	7.1	7.8	4.9	.9
>= 7200	13.0	.3	7.5	13.9	23.0	32.8	33.4	22.8	10.1	4.6	5.2	3.2	.5
>= 9700	8.7		4.0	8.5	16.4	23.5	22.5	15.2	6.2	3.5	3.4	1.8	.3
>= 13000	5.7		2.8	6.1	11.4	16.4	13.5	10.0	4.7	2.1	1.8	.8	.2
>= 17000	4.0		1.3	4.6	7.9	11.8	9.5	6.5	3.3	1.4	1.2	.6	
>= 24000	2.1		.1	2.5	4.4	5.4	5.6	3.9	1.7	.8	.4	.2	
>= 32000	1.0		.1	1.1	1.8	3.1	3.3	1.5	.6	.3			
>= 42000	.5			.4	.6	2.1	1.7	.5	.4	.2			
>= 57000	.2			.3	.4	1.3	.9		.2				
>= 77000					.3	.5	.1						
>= 100000					.1	.1	.1						

STATION 03282000 KENTUCKY RIVER AT LOCK 14, AT HEILDELBERG, KY. 1962-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 70	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 87	99.9	99.8	100	100	100	100	100	100	100	100	100	100	99.4
>= 110	99.9	99.6	100	100	100	100	100	100	100	100	100	99.8	99.4
>= 130	99.4	98.1	100	99.4	100	100	100	100	100	100	100	97.9	97.5
>= 160	97.8	95.4	100	97.3	100	100	100	100	100	100	97.7	94.3	88.8
>= 200	95.5	93.0	99.6	96.0	99.6	99.8	100	100	100	98.8	93.4	89.8	75.9
>= 250	91.9	86.5	95.9	93.2	98.3	99.6	100	100	100	94.1	89.0	80.8	65.3
>= 310	88.3	77.4	92.5	91.7	97.3	99.4	100	100	100	89.4	83.7	75.3	53.7
>= 390	83.6	67.7	87.8	90.5	96.6	99.2	100	100	99.4	82.0	75.1	63.8	41.6
>= 480	78.8	59.4	79.8	88.6	96.2	98.8	100	100	95.8	73.7	66.8	52.8	34.1
>= 590	73.2	49.5	73.5	83.9	95.6	98.5	100	99.8	90.5	62.2	55.6	42.3	28.2
>= 730	66.7	39.8	65.7	79.7	95.3	96.9	98.3	96.3	82.2	51.8	40.8	32.6	22.4
>= 910	61.0	32.1	54.5	75.7	93.5	95.2	96.4	93.3	75.5	43.1	31.3	24.7	18.6
>= 1100	56.7	24.7	47.5	71.5	90.5	92.3	95.3	92.0	70.4	37.5	26.8	19.0	15.3
>= 1400	51.9	18.0	38.0	67.2	86.0	91.7	94.7	87.1	65.1	30.6	19.9	15.0	12.0
>= 1700	47.9	14.2	32.9	63.2	80.8	88.5	92.0	82.2	59.8	25.3	17.3	12.5	8.6
>= 2100	43.5	11.4	28.2	55.6	76.1	85.4	88.8	73.7	53.3	20.6	14.2	10.2	7.3
>= 2600	39.2	9.5	24.1	50.7	68.5	80.2	83.9	67.5	47.2	16.3	11.2	8.2	5.1
>= 3300	33.5	7.6	21.6	43.6	57.3	69.8	74.6	59.0	41.6	12.0	8.0	5.7	3.7
>= 4100	28.3	6.1	16.5	37.0	50.1	55.4	68.7	51.8	34.5	9.4	4.7	4.2	3.1
>= 5000	23.9	4.6	13.9	31.5	44.2	43.5	63.0	46.1	26.6	7.5	2.3	2.8	2.0
>= 6200	19.0	3.4	9.6	25.0	34.9	32.1	52.8	39.4	21.1	5.3	1.3	2.5	1.4
>= 7700	14.5	2.1	6.3	20.1	29.2	21.9	42.1	31.0	15.2	3.9	.6	1.5	.6
>= 9500	10.6	1.1	4.1	15.1	22.2	14.1	32.6	23.3	10.6	2.9	.3	.9	.3
>= 12000	7.0	.92	.3	8.9	15.3	10.2	21.6	15.2	6.2	2.3	.3	.3	.1
>= 15000	5.0	.3	1.7	6.6	10.0	7.5	16.1	10.7	4.5	1.9	.1	.3	
>= 18000	3.3	.1	1.1	4.1	6.8	4.5	11.5	7.6	3.2	1.1		.1	
>= 22000	2.3		.9	2.2	3.9	3.1	9.4	5.6	1.8	.5			
>= 28000	1.4		.7	1.1	2.4	1.8	6.4	2.9	1.1	.3			
>= 34000	.8		.3	.5	1.3	1.4	3.7	2.3	.3	.1			
>= 42000	.5		.3	.1	.9	1.0	2.0	1.3	.1				
>= 53000	.2		.1		.3	.6	1.1	.3					
>= 65000	.1				.3	.2	.7						
>= 81000						.2							

STATION 03282000 KENTUCKY RIVER AT LOCK 14, AT HEILDELBERG, KY. 1926-1931 1938-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 6.0	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 8.1	99.8	98.9	98.9	100	100	100	100	100	100	100	100	100	100
>= 11.0	99.6	98.9	98.9	100	100	100	100	100	100	100	99.9	99.9	97.7
>= 15.0	99.4	97.8	98.2	100	100	100	100	100	100	100	99.9	99.9	96.6
>= 20.0	99.2	97.3	97.8	99.9	100	100	100	100	100	100	99.7	99.9	95.9
>= 26.0	98.3	93.1	96.4	99.3	100	100	100	100	100	100	99.3	98.2	93.1
>= 35.0	97.8	91.4	95.4	98.8	100	100	100	100	100	100	98.7	97.6	91.4
>= 47.0	96.9	88.4	93.6	98.2	100	100	100	100	100	100	98.0	96.4	88.5
>= 64.0	95.9	85.6	91.7	97.0	100	100	100	100	100	100	96.8	93.9	86.1
>= 86.0	94.7	80.4	90.8	96.4	99.9	100	100	100	99.8	99.4	95.7	91.2	83.3
>= 120.0	93.0	74.8	88.3	95.3	99.3	99.8	100	100	99.5	98.5	93.5	87.7	79.4
>= 150.0	91.2	70.0	87.4	93.6	99.1	99.1	100	100	99.4	97.6	91.0	83.5	74.1
>= 210.0	87.0	61.3	82.8	91.7	96.4	98.8	100	100	99.2	94.1	84.4	75.0	60.9
>= 280.0	82.4	50.3	77.2	88.7	94.5	98.2	100	100	98.7	87.5	77.6	67.7	48.6
>= 380.0	76.7	39.6	70.4	85.1	93.3	97.5	99.8	100	96.5	79.6	68.3	55.9	35.7
>= 500.0	70.4	31.2	60.9	80.4	91.2	96.2	99.6	99.5	91.4	68.0	58.2	43.8	26.2
>= 680.0	63.7	23.6	52.8	74.5	89.0	94.4	99.2	98.1	83.7	53.8	44.5	33.7	18.6
>= 910.0	56.9	17.9	43.6	67.7	85.1	91.0	96.9	95.3	74.6	41.0	34.1	24.5	13.5
>= 1200.0	51.4	12.7	36.2	60.5	80.4	88.1	95.4	91.9	65.5	32.8	27.0	18.1	10.0
>= 1600.0	45.7	9.0	28.8	53.7	73.3	84.6	92.6	85.6	56.2	24.6	21.9	14.2	6.4
>= 2200.0	39.0	6.1	22.9	44.9	64.6	78.6	86.0	72.7	44.5	17.9	16.9	10.5	4.6
>= 3000.0	32.2	4.1	18.3	37.8	53.2	68.6	76.7	59.1	34.1	13.0	12.6	7.6	3.0
>= 4000.0	25.8	2.9	14.6	29.9	42.9	56.2	65.4	48.0	25.5	9.7	8.6	5.6	2.1
>= 5400.0	19.8	1.8	10.3	22.5	34.3	43.2	52.6	38.1	18.3	6.8	5.7	4.0	1.3
>= 7200.0	14.2	1.2	7.3	16.6	26.2	29.7	38.2	27.7	13.0	4.4	3.7	2.7	.7
>= 9700.0	9.3	.4	3.8	10.7	18.4	20.0	25.8	18.6	7.9	3.1	2.2	1.4	.3
>= 13000.0	6.0	.3	2.6	6.6	11.9	13.7	16.2	11.7	5.1	2.0	1.2	.6	.2
>= 17000.0	3.9		1.3	4.6	7.8	9.4	11.0	7.4	3.4	1.3	.7	.5	
>= 24000.0	2.0		.3	2.2	3.9	4.4	6.5	4.2	1.6	.7	.2	.1	
>= 32000.0	.9		.2	.9	1.6	2.5	3.5	1.9	.7	.2			
>= 42000.0	.5		.1	.3	.7	1.6	1.8	.8	.3	.1			
>= 57000.0	.2			.2	.4	1.0	.9		.1				
>= 77000.0					.2	.3	.2						

STATION 03282500 RED RIVER NEAR HAZEL GREEN, KY. 1954-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .02	99.0	98.4	99.9	100	100	100	100	100	100	100	100	97.7	92.3
>= .04	99.0	98.4	99.9	100	100	100	100	100	100	100	100	97.7	92.1
>= .06	99.0	98.0	99.9	100	100	100	100	100	100	100	100	97.7	92.1
>= .08	99.0	98.0	99.9	100	100	100	100	100	100	100	100	97.7	92.1
>= .10	98.9	98.0	99.9	100	100	100	100	100	100	100	100	97.7	92.0
>= .20	98.1	95.0	98.5	100	100	100	100	100	100	99.9	100	96.3	88.0
>= .30	97.4	91.9	98.2	100	100	100	100	100	100	99.7	99.4	95.1	84.9
>= .50	96.3	87.9	96.9	100	100	100	100	100	100	99.6	97.7	93.4	80.5
>= .70	94.9	82.5	96.3	99.3	100	100	100	100	100	99.1	96.1	89.9	76.5
>= 1.00	93.2	77.2	92.9	98.8	100	100	100	100	100	97.9	95.0	86.7	70.8
>= 1.40	91.3	72.6	91.0	98.1	100	100	10	100	100	96.7	92.1	81.3	65.1
>= 1.90	88.7	64.9	88.2	97.6	99.3	100	100	100	100	93.6	87.7	74.5	59.5
>= 2.80	85.0	57.1	86.1	95.7	97.4	100	100	100	100	89.1	81.2	66.1	48.9
>= 3.90	81.2	52.3	82.8	92.7	97.0	100	100	100	99.6	81.3	72.8	57.7	40.7
>= 5.50	76.1	47.6	72.6	89.7	96.6	100	100	100	98.7	67.9	62.8	48.6	31.5
>= 7.80	70.2	40.2	59.6	84.3	95.6	99.7	100	100	94.2	55.5	52.8	39.9	23.7
>= 11.00	65.2	32.3	53.1	78.6	94.0	98.8	100	99.9	88.0	45.7	43.1	33.7	19.6
>= 16.00	59.4	22.2	46.8	73.1	91.3	96.8	100	99.1	78.3	34.5	33.3	27.0	15.9
>= 22.00	54.9	16.1	41.4	68.7	89.0	94.8	100	96.5	69.0	27.1	26.8	21.4	12.8
>= 32.00	48.2	9.8	31.3	63.6	80.5	91.7	97.7	89.1	57.0	19.1	19.4	16.6	8.5
>= 45.00	41.6	5.5	22.4	56.3	69.6	86.6	92.5	76.7	46.6	15.2	15.1	12.5	5.9
>= 63.00	32.0	4.0	14.6	42.2	54.2	69.2	77.8	59.1	34.6	10.1	10.8	8.3	4.3
>= 90.00	23.0	2.2	9.0	29.3	38.6	50.9	59.3	45.1	23.4	5.6	7.4	6.2	3.2
>= 130.00	15.5	1.4	5.2	19.0	24.4	33.1	42.3	32.4	14.9	3.2	5.4	4.7	2.1
>= 180.00	10.9	1.0	3.1	13.5	16.9	23.1	29.9	23.6	10.7	2.1	3.4	3.6	1.3
>= 260.00	7.1	.8	1.9	8.8	10.3	14.0	20.9	16.6	7.2	1.2	2.0	2.3	.8
>= 360.00	4.7	.5	1.5	5.1	7.2	9.7	14.2	10.6	4.1	.9	1.1	1.4	.8
>= 510.00	2.8	.2	.6	3.4	4.3	6.0	7.9	6.9	2.9	.6	.2	.7	.5
>= 730.00	1.5		.4	1.7	2.1	3.2	4.7	3.8	2.0	.2		.3	.2
>= 1000.00	1.0		.4	1.3	1.4	2.3	2.8	2.6	1.2	.1		.3	
>= 1500.00	.5		.2	.2	.6	1.0	1.8	1.3	.5	.1		.1	
>= 2100.00	.1		.1		.2	.7	.6	.4	.1				
>= 2900.00					.1	.1							

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .02	98.7	96.1	99.5	100	100	100	100	100	100	100	100	99.7	89.0
>= .04	98.7	96.1	99.5	100	100	100	100	100	100	100	100	99.7	88.8
>= .05	98.6	96.1	99.5	100	100	100	100	100	100	100	100	99.5	88.0
>= .08	97.8	96.1	99.5	100	100	100	100	100	100	100	98.1	98.4	82.3
>= .10	97.7	96.1	99.5	100	100	100	100	100	100	100	97.3	97.7	82.0
>= .20	93.4	88.1	94.4	99.8	100	100	100	100	100	95.3	90.6	86.3	67.2
>= .30	89.2	73.9	91.6	98.8	100	100	100	100	100	90.0	84.5	78.1	55.3
>= .40	87.4	68.6	89.5	98.6	99.8	100	100	100	100	87.5	82.7	72.6	51.7
>= .60	84.5	62.0	85.8	97.5	99.2	100	100	100	100	82.3	79.4	65.3	45.2
>= .80	81.5	57.0	83.0	97.1	98.6	100	100	100	99.8	76.5	74.0	60.5	38.7
>= 1.10	79.2	50.9	80.9	95.9	98.1	100	100	100	99.2	70.7	68.9	54.8	34.7
>= 1.60	75.6	44.8	77.9	92.0	96.8	100	100	100	97.1	62.7	62.9	48.4	29.0
>= 2.20	71.9	38.2	69.6	89.6	96.4	100	100	100	94.4	55.5	56.8	40.6	26.0
>= 3.00	67.6	31.2	57.4	84.9	96.1	99.4	100	100	89.8	48.5	51.0	34.8	22.8
>= 4.20	62.1	24.3	47.7	78.4	93.4	97.2	98.8	99.3	81.5	39.8	42.9	27.9	19.0
>= 5.90	56.1	17.3	41.6	69.9	89.0	95.2	98.5	96.8	69.5	30.5	34.7	21.1	14.8
>= 8.20	50.9	11.0	35.6	63.3	84.7	94.4	97.8	91.0	58.4	25.5	26.8	17.3	12.0
>= 11.00	46.3	7.8	29.3	58.9	77.4	91.8	95.1	84.8	49.8	21.7	23.1	14.4	8.5
>= 16.00	38.7	4.2	21.8	50.9	64.5	81.0	87.9	69.3	38.7	17.0	17.3	11.9	5.5
>= 22.00	31.5	2.9	16.1	42.3	49.1	71.5	74.2	59.0	30.3	12.8	13.4	9.2	3.3
>= 31.00	23.9	1.7	10.9	31.7	34.0	57.4	58.6	45.7	22.9	9.7	10.2	6.9	2.0
>= 43.00	17.8	1.7	6.3	22.1	24.8	43.0	45.5	36.0	17.7	6.3	7.9	4.7	1.0
>= 60.00	12.8	1.2	3.5	16.1	17.0	31.7	32.3	28.0	13.5	3.8	5.6	3.1	.7
>= 83.00	8.8	.6	1.2	12.0	11.7	22.1	21.2	20.6	8.0	2.8	4.3	2.2	.1
>= 120.00	5.6	.5	1.0	7.8	7.9	13.9	12.9	13.8	5.4	1.8	2.4	1.2	.1
>= 160.00	4.0	.3	.8	5.2	5.6	9.8	9.1	10.6	3.8	.6	1.6	.9	
>= 220.00	2.7	.1	.5	4.0	3.7	6.7	5.7	7.5	2.9	.3	1.4	.6	
>= 310.00	1.7		.5	2.3	2.3	4.4	4.0	4.0	1.7	.1	.9	.4	
>= 430.00	1.0		.3	1.6	1.0	2.7	2.5	2.5	1.2		.4	.4	
>= 600.00	.6		.1	.6	.3	1.8	1.6	1.5	.8		.3	.1	
>= 840.00	.2		.1	.3		1.1	.6	.6	.4		.1		
>= 1200.00						.1	.3	.1	.1		.1		
>= 1600.00						.1		.1	.1				

STATION 03283500 RED RIVER AT CLAY CITY, KY. 1931-1932 1938-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 1.1	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 1.6	100	100	100	100	100	100	100	100	100	100	100	99.6	100
>= 2.1	99.9	99.9	100	100	100	100	100	100	100	100	99.8	99.4	100
>= 2.9	99.8	99.4	100	100	100	100	100	100	100	100	99.5	99.3	99.1
>= 3.8	99.5	98.1	100	100	100	100	100	100	100	100	99.3	98.9	97.7
>= 5.1	98.8	94.0	99.6	99.9	100	100	100	100	100	100	98.4	98.0	95.5
>= 6.8	98.0	91.3	98.8	99.7	100	100	100	100	100	100	97.9	97.2	91.5
>= 9.1	97.0	87.6	96.8	99.4	100	100	100	100	100	100	97.6	95.6	87.2
>= 12.0	95.7	84.0	95.1	99.4	100	100	100	100	100	99.9	96.6	92.9	81.1
>= 16.0	93.4	74.9	92.7	98.4	100	100	100	100	100	99.4	94.4	88.1	73.9
>= 22.0	89.8	62.5	89.5	96.0	99.5	100	100	100	99.9	96.7	89.8	79.9	64.0
>= 29.0	85.7	51.7	82.5	93.6	98.9	100	100	100	99.4	93.7	85.1	71.0	53.5
>= 39.0	80.6	43.6	71.0	90.2	97.4	100	100	100	99.1	86.7	77.2	62.1	41.6
>= 52.0	75.8	36.4	62.2	87.9	96.5	99.5	100	100	97.8	77.2	67.4	53.3	33.0
>= 69.0	70.0	29.1	52.6	82.2	94.1	97.3	99.8	100	94.6	64.7	57.4	43.6	26.3
>= 92.0	63.4	21.6	44.4	75.0	90.5	93.4	99.2	99.8	86.9	51.2	45.9	34.6	20.7
>= 120.0	57.7	14.9	38.7	65.6	86.5	91.8	99.0	97.6	79.3	41.8	36.5	27.3	16.9
>= 160.0	51.6	8.5	31.1	58.4	81.0	89.1	98.3	93.6	67.3	32.5	28.2	21.6	13.0
>= 220.0	44.8	5.4	23.7	50.7	71.5	84.2	94.6	85.2	53.7	24.2	21.1	17.2	10.0
>= 290.0	38.0	3.3	18.8	42.7	60.6	76.5	85.7	71.3	43.4	18.7	16.8	14.4	7.6
>= 390.0	30.6	2.0	14.6	32.6	49.9	64.4	72.6	58.0	33.0	14.2	13.1	10.1	5.4
>= 520.0	24.3	1.3	10.9	25.5	40.1	53.5	59.6	46.0	24.7	11.0	9.8	8.1	3.5
>= 700.0	18.1	.7	7.0	19.2	30.2	40.7	46.6	34.0	18.0	7.7	6.9	5.8	2.5
>= 930.0	13.2	.5	4.4	14.3	21.7	29.8	34.7	24.8	12.9	4.6	6.0	4.4	1.5
>= 1200.0	9.7	.3	3.5	11.2	17.2	20.8	25.0	18.2	8.4	3.7	4.6	3.3	1.3
>= 1700.0	6.1	.1	2.2	7.0	11.5	12.9	15.8	11.1	4.2	2.6	3.4	2.2	.8
>= 2200.0	4.2		1.5	4.3	7.3	9.2	11.7	7.8	2.9	1.5	2.3	1.7	.4
>= 3000.0	2.5		.7	2.5	4.5	5.7	8.2	4.4	1.6	.8	1.1	.8	.3
>= 4000.0	1.4		.4	1.6	2.7	3.2	4.4	2.8	.9	.2	.7	.3	
>= 5300.0	.8		.1	.8	1.3	2.1	2.6	1.8	.3		.6	.1	
>= 7100.0	.4		.1	.4	.8	1.1	1.3	.9	.1		.5		
>= 9500.0	.1			.1	.2	.5	.4	.2			.2		
>= 13000.0						.1					.1		

STATION 03284000 KENTUCKY RIVER AT LOCK 10, NEAR WINCHESTER, KY. 1908-1960 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 10	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 13	99.9	99.4	100	100	100	100	100	100	100	100	100	100	100
>= 17	99.9	98.8	100	100	100	100	100	100	100	100	100	100	100
>= 23	99.9	98.5	100	100	100	100	100	100	100	100	100	100	99.9
>= 30	99.8	98.5	100	100	100	100	100	100	100	100	100	100	99.6
>= 39	99.4	96.0	99.7	100	100	100	100	100	100	100	100	99.0	98.0
>= 52	98.0	91.6	96.9	99.5	100	100	100	100	100	99.7	99.0	97.3	92.3
>= 68	97.3	89.5	96.5	99.1	100	100	100	100	100	99.6	97.7	95.9	89.2
>= 90	95.4	80.3	94.5	98.4	100	100	100	100	100	99.3	95.6	93.7	82.7
>= 120	93.7	73.6	92.3	96.8	99.9	100	100	100	100	98.9	94.8	90.1	78.7
>= 160	91.0	63.8	88.6	95.6	99.6	100	100	100	99.7	97.8	91.0	84.6	71.9
>= 200	89.5	59.1	85.7	95.0	99.2	99.6	100	100	99.5	96.7	89.6	81.6	69.0
>= 270	85.3	48.1	78.2	93.1	98.8	99.1	100	100	98.9	92.8	83.4	74.0	58.6
>= 350	81.7	39.3	70.4	92.3	97.4	99.1	100	100	98.3	87.7	77.8	68.6	50.1
>= 470	75.5	29.5	57.2	87.8	95.7	97.6	99.9	100	96.3	78.8	67.6	56.5	39.7
>= 610	71.3	24.0	49.1	83.7	94.8	96.3	99.8	100	93.6	72.6	60.5	49.9	32.3
>= 810	66.0	18.9	41.5	77.1	92.6	95.0	99.7	99.7	89.1	63.5	51.4	40.0	24.7
>= 1100	60.1	15.3	34.5	69.1	89.6	93.0	99.2	97.6	82.3	52.5	41.7	31.0	16.8
>= 1400	55.7	12.5	30.4	63.0	86.6	91.3	98.1	96.0	75.5	43.9	34.9	25.0	12.7
>= 1800	50.8	9.7	26.0	55.8	83.0	87.6	96.5	92.6	66.8	35.1	28.7	19.8	9.4
>= 2400	45.5	7.5	21.5	48.9	76.5	83.4	93.5	85.3	57.4	28.1	23.9	15.9	6.5
>= 3200	38.8	5.6	17.6	39.8	66.5	76.4	86.1	72.5	45.8	22.4	19.2	11.0	4.5
>= 4200	32.4	4.6	14.0	32.4	57.3	67.2	75.7	59.9	36.2	17.3	15.2	8.5	3.0
>= 5500	26.2	3.5	11.0	27.2	47.4	57.1	63.2	47.2	27.2	13.1	11.2	5.7	2.2
>= 7200	20.4	2.3	8.5	19.3	38.3	46.5	51.2	36.4	20.3	9.4	8.9	4.1	1.6
>= 9500	14.8	1.1	5.9	13.8	30.6	34.7	38.9	25.4	12.7	5.7	6.0	2.7	1.0
>= 13000	10.7	.5	4.5	10.1	23.6	26.4	28.4	17.5	8.5	3.6	4.0	1.4	.6
>= 16000	7.8	.2	2.7	7.4	17.9	19.6	21.8	12.1	5.9	2.7	2.7	1.0	.2
>= 22000	5.0		1.3	4.9	12.1	12.8	14.4	7.1	3.8	1.6	1.5	.3	
>= 28000	3.5		.8	4.0	9.2	8.5	10.4	4.9	2.1	1.3	.8		
>= 37000	1.8		.3	2.1	4.7	4.1	5.7	2.8	.9	.5	.3		
>= 49000	.8			1.0	2.7	2.5	2.6	1.1	.2	.1			
>= 65000	.2			.1	.7	.9	.6						
>= 85000						.1							

STATION 03284000 KENTUCKY RIVER AT LOCK 10, NEAR WINCHESTER, KY. 1962-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 127	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 150	99.9	99.6	100	100	100	100	100	100	100	100	100	99.4	99.2
>= 190	98.8	96.0	100	100	100	100	100	100	100	100	100	97.5	92.5
>= 230	96.7	93.4	99.8	100	100	100	100	100	100	99.6	96.8	92.6	77.8
>= 280	94.2	88.2	99.0	98.5	100	100	100	100	100	96.9	93.2	86.1	68.8
>= 340	91.4	81.6	95.9	94.9	100	100	100	100	100	93.3	90.1	80.3	60.6
>= 420	86.9	73.2	88.8	92.0	99.1	99.6	100	100	99.8	86.7	84.6	71.5	48.0
>= 510	82.6	66.2	80.6	90.7	98.9	99.4	100	100	97.7	78.4	77.4	63.0	38.8
>= 620	77.9	59.0	74.9	88.0	97.3	99.0	100	100	93.4	69.0	69.4	53.7	31.4
>= 760	73.3	50.5	67.3	83.7	96.6	98.8	100	99.8	89.9	60.6	60.2	45.5	27.6
>= 920	68.9	42.3	62.9	80.6	96.2	97.5	99.4	98.4	85.2	52.9	48.4	39.5	25.1
>= 1100	64.8	35.1	57.6	77.4	95.8	95.6	98.3	95.7	81.8	47.1	39.8	32.4	22.9
>= 1400	60.0	26.2	52.7	73.4	93.9	94.0	96.6	93.3	76.3	38.2	31.1	26.9	19.4
>= 1700	56.4	20.3	46.5	70.0	90.7	92.7	95.6	91.8	71.5	34.1	27.3	22.2	15.7
>= 2000	53.2	17.6	41.2	67.4	87.5	91.3	95.4	88.8	67.4	29.0	22.4	19.2	13.1
>= 2500	48.4	13.9	33.7	62.0	80.3	89.8	93.0	82.7	60.2	24.7	17.6	15.7	9.6
>= 3000	44.3	11.8	29.4	57.9	75.1	87.5	87.9	75.9	53.9	20.2	14.0	12.3	7.6
>= 3700	39.0	8.7	24.3	51.6	67.9	80.0	82.7	67.6	47.1	16.3	8.9	9.3	5.9
>= 4500	34.5	7.2	22.0	45.2	60.3	71.3	76.1	61.4	41.6	13.1	6.5	7.2	4.7
>= 5500	29.5	5.9	17.5	38.5	51.2	60.6	70.2	52.9	35.5	10.2	3.8	4.9	4.1
>= 6700	24.2	3.6	12.4	32.3	43.1	46.7	61.3	47.1	29.0	7.3	2.1	3.6	3.3
>= 8200	19.1	2.8	7.8	26.4	36.4	33.5	50.9	38.0	21.8	5.3	1.5	2.5	2.5
>= 10000	15.2	1.9	5.7	22.2	29.4	22.5	43.3	30.8	16.9	4.3	.9	2.5	2.0
>= 12000	12.2	1.5	3.9	17.2	23.3	17.7	36.6	25.4	13.4	3.1	.7	2.2	1.7
>= 15000	8.6	.7	2.7	11.3	17.4	11.6	27.5	18.8	8.7	2.1	.3	1.3	1.1
>= 18000	6.6	.5	1.7	8.3	13.2	8.1	22.3	15.0	7.0	1.7	.1	.5	.7
>= 22000	4.9	.3	.9	5.8	9.1	6.0	17.6	12.1	4.9	1.3		.1	.1
>= 27000	3.4	.1	.7	3.9	5.6	4.5	13.0	9.2	3.4	.5		.1	
>= 33000	2.2	.1	.5	1.8	3.2	2.7	9.8	6.0	1.7	.5			
>= 40000	1.4		.5	.9	2.0	2.5	5.8	4.3	1.3	.1			
>= 49000	.8		.5	.3	1.5	1.0	4.3	1.9	.3				
>= 60000	.3				.5	.4	1.5	.9	.1				
>= 73000						.2	.5	.1					
>= 89000							.3						

STATION 03284000 KENTUCKY RIVER AT LOCK 10, NEAR WINCHESTER, KY. 1908-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 10	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 13	100	99.5	100	100	100	100	100	100	100	100	100	100	100
>= 17	99.9	99.1	100	100	100	100	100	100	100	100	100	100	100
>= 23	99.9	98.9	100	100	100	100	100	100	100	100	100	100	100
>= 30	99.9	98.9	100	100	100	100	100	100	100	100	100	100	99.7
>= 40	99.5	97.0	99.8	100	100	100	100	100	100	100	100	99.3	98.5
>= 52	98.5	93.7	97.7	99.6	100	100	100	100	100	99.8	99.3	98.0	94.2
>= 69	98.0	92.1	97.4	99.3	100	100	100	100	100	99.7	98.3	97.0	91.8
>= 91	96.2	84.3	95.0	97.9	100	100	100	100	100	99.5	96.7	95.2	86.2
>= 120	95.3	80.3	94.3	97.6	100	100	100	100	100	99.2	96.1	92.6	84.1
>= 160	93.2	72.7	91.5	96.7	99.7	100	100	100	99.8	98.4	93.3	88.3	78.5
>= 210	91.3	67.3	88.7	95.8	99.4	99.7	100	100	99.5	97.4	91.4	84.6	72.6
>= 270	87.6	58.2	83.5	94.5	99.1	99.4	100	100	99.2	93.9	86.0	77.4	61.2
>= 360	83.6	48.4	76.0	92.8	97.9	99.3	100	100	98.6	88.5	80.3	71.1	50.6
>= 470	77.7	39.0	64.1	88.9	96.6	98.1	99.9	100	96.9	80.0	70.9	59.4	39.8
>= 620	72.8	32.4	55.7	84.8	95.5	97.0	99.9	100	93.5	71.9	62.4	50.8	31.3
>= 820	67.3	25.4	47.1	78.7	93.6	95.9	99.7	99.5	89.0	62.2	52.4	41.3	24.6
>= 1100	61.3	19.9	40.0	71.5	91.2	93.7	99.0	97.2	82.3	51.5	41.4	31.9	18.0
>= 1400	56.8	15.6	35.6	65.7	88.6	92.1	97.7	95.4	75.7	42.8	34.2	26.0	14.1
>= 1900	51.2	11.2	29.5	58.2	84.2	88.6	96.2	91.7	66.1	33.5	27.5	19.9	10.1
>= 2500	45.3	8.5	23.5	50.6	75.9	84.2	92.6	82.9	56.4	26.7	21.9	15.5	6.9
>= 3300	38.8	6.4	19.2	42.7	66.3	77.7	84.7	71.0	45.9	20.6	17.3	11.0	4.6
>= 4300	33.1	5.2	15.5	35.7	58.3	68.2	76.4	60.5	37.7	16.5	13.2	8.5	3.5
>= 5700	26.3	3.6	12.0	28.3	47.2	56.2	64.1	48.2	28.7	12.0	9.2	5.3	2.6
>= 7500	20.2	2.3	8.2	20.8	37.5	43.9	51.9	37.5	20.6	8.3	7.0	3.8	1.7
>= 9800	14.7	1.2	5.7	15.4	29.8	31.2	39.3	26.7	13.8	5.2	4.8	2.6	1.2
>= 13000	10.8	.6	4.3	11.3	23.0	23.9	29.8	19.5	9.5	3.4	3.2	1.6	.9
>= 17000	7.3	.3	2.3	7.4	16.2	16.4	21.1	13.0	6.1	2.5	1.9	.9	.4
>= 22000	5.0	.1	1.2	5.0	11.3	11.3	15.3	8.4	4.2	1.5	1.1	.3	
>= 30000	2.8		.6	3.2	6.8	6.5	9.4	4.8	1.9	.8	.3		
>= 39000	1.5		.2	1.8	3.6	3.4	5.3	3.0	.7	.3	.2		
>= 51000	.7		.1	.8	2.0	1.9	2.6	1.1	.1				
>= 68000	.1				.2	.6	.6	.1					
>= 89000													

STATION 03284300 SILVER CREEK NEAR KINGSTON, KY. 1968-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .04	99.6	100	99.4	100	100	100	100	100	100	100	100	97.4	98.6
>= .06	99.6	100	99.4	100	100	100	100	100	100	100	100	97.1	98.5
>= .09	99.6	100	99.4	100	100	100	100	100	100	100	100	97.1	98.2
>= .10	99.6	100	99.4	100	100	100	100	100	100	100	100	97.1	98.2
>= .20	99.4	100	98.8	100	100	100	100	100	100	100	100	96.8	97.3
>= .30	99.4	100	98.5	100	100	100	100	100	100	100	100	96.8	97.0
>= .40	99.1	100	98.2	100	100	100	100	100	100	100	100	96.5	94.8
>= .50	98.8	99.7	97.9	99.7	100	100	100	100	100	100	100	95.0	93.3
>= .70	97.4	96.8	96.4	98.8	100	100	100	100	100	100	99.4	90.9	86.4
>= .90	95.3	93.0	93.6	97.7	100	100	100	100	100	97.0	96.5	86.2	80.3
>= 1.30	91.5	84.5	90.9	96.2	100	100	100	100	100	94.2	83.0	75.7	74.2
>= 1.80	87.7	79.2	88.5	94.4	100	100	100	100	98.8	91.2	67.7	65.1	66.5
>= 2.50	82.8	74.2	85.5	90.9	100	100	100	100	96.5	84.5	50.7	49.9	63.3
>= 3.50	76.5	66.9	73.6	88.0	100	100	100	100	90.6	68.8	39.6	37.5	54.5
>= 4.90	69.9	54.5	68.2	83.0	99.4	97.4	99.7	99.1	80.1	50.3	32.6	28.7	48.2
>= 6.80	62.7	41.9	61.8	73.6	94.7	95.5	97.7	92.7	72.4	42.1	24.9	22.9	34.8
>= 9.40	55.8	31.1	49.7	67.4	88.9	92.6	97.4	82.7	64.2	35.5	17.9	17.3	27.6
>= 13.00	49.9	22.0	37.9	60.1	84.5	89.4	95.3	75.5	57.2	29.7	15.2	13.2	20.6
>= 18.00	42.3	12.6	30.9	51.9	73.9	83.0	85.9	64.5	49.0	22.7	10.0	10.0	15.5
>= 25.00	33.6	8.8	22.7	41.1	59.8	69.1	67.7	52.4	40.8	16.4	6.2	8.2	12.4
>= 35.00	24.9	6.2	16.1	32.3	44.3	46.9	54.8	40.6	27.6	11.2	4.7	6.2	8.8
>= 48.00	17.8	4.1	11.8	23.8	29.0	32.5	41.1	30.9	19.1	7.0	3.5	5.3	6.7
>= 67.00	12.2	3.2	7.6	17.3	19.6	20.6	27.0	23.3	12.3	4.8	1.8	4.1	5.2
>= 93.00	8.4	1.7	6.0	12.3	13.4	14.1	18.7	15.4	8.7	3.3	.8	2.9	3.9
>= 130.00	5.7	1.4	4.5	8.2	9.0	9.9	12.9	11.8	4.3	1.5	.2	2.3	3.0
>= 180.00	3.9	1.1	3.0	5.2	5.8	5.4	9.9	9.0	2.6	.6	.2	2.0	2.1
>= 250.00	2.4	.5	1.8	4.3	3.5	3.5	5.5	5.4	2.0	.6	.2	.8	1.2
>= 340.00	1.8	.5	1.2	2.6	2.9	2.8	2.9	4.5	1.7	.3	.2	.5	1.2
>= 480.00	1.2	.2	.6	2.0	1.4	1.9	2.6	3.6	1.1	.3	.2		.6
>= 660.00	.7	.2	.6	1.4	.8	.9	1.1	2.7	.5				.6
>= 920.00	.5	.2	.3	.8	.8	.6	.8	1.8	.2				.3
>= 1300.00	.2		.3	.2	.2	.6	.8	1.2					
>= 1800.00	.1				.2		.2	.9					
>= 2500.00							.2						

STATION 03284500 KENTUCKY RIVER AT LOCK 8, NEAR CAMP NELSON, KY. 1926-1971

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 35	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 44	99.8	98.9	99.7	100	100	100	100	100	100	100	100	98.5	100
>= 56	99.3	95.4	98.4	99.4	100	100	100	100	100	100	99.9	98.5	99.7
>= 72	98.7	94.2	97.6	98.8	100	100	100	100	100	100	99.5	98.4	95.6
>= 91	97.9	91.6	97.3	98.0	100	100	100	100	100	100	98.1	98.3	92.1
>= 120	96.3	83.7	94.9	97.5	100	100	100	100	99.8	99.9	97.7	96.4	86.2
>= 150	94.8	77.4	92.4	95.4	99.8	100	100	100	99.8	99.9	96.5	92.8	83.7
>= 190	92.8	69.4	89.4	95.1	99.2	100	100	100	99.5	99.6	94.7	90.0	77.6
>= 240	90.9	63.7	87.8	95.1	98.8	99.5	100	100	99.5	99.3	92.0	86.1	69.9
>= 300	88.2	55.1	82.8	94.1	98.6	99.5	100	100	99.1	98.0	88.2	81.0	62.2
>= 380	84.0	44.4	75.5	91.6	96.4	99.5	100	100	98.9	95.2	83.9	72.1	52.0
>= 480	79.0	35.7	66.7	87.3	95.4	99.5	99.8	100	98.4	88.1	74.0	63.2	41.1
>= 610	74.5	30.2	59.4	83.7	94.7	98.3	99.7	100	96.7	79.6	66.6	53.8	32.2
>= 780	69.2	24.3	50.1	78.8	92.5	96.8	99.6	100	94.6	68.9	58.3	44.2	23.7
>= 980	64.1	18.9	44.4	72.1	90.4	94.8	99.5	99.2	88.6	59.3	48.0	36.4	19.0
>= 1200	60.3	15.8	39.9	67.1	88.1	93.0	98.7	97.5	83.6	52.5	41.6	31.3	16.8
>= 1600	54.5	10.9	34.4	60.2	83.8	90.2	97.2	95.8	73.6	39.1	33.9	24.5	12.6
>= 2000	50.7	8.3	31.1	55.4	80.5	87.0	96.1	92.7	66.6	31.9	28.8	21.0	10.7
>= 2600	45.3	6.1	26.1	50.7	73.1	84.1	93.5	86.6	55.8	24.9	22.2	16.5	6.5
>= 3200	40.7	5.0	22.5	45.9	65.7	80.9	89.8	77.4	46.8	19.9	18.6	13.6	5.2
>= 4100	35.4	4.5	18.8	39.9	58.1	74.9	82.8	66.1	37.2	15.5	15.2	10.2	3.3
>= 5200	29.8	3.2	15.6	33.8	50.1	65.6	73.4	55.4	29.3	12.1	10.5	7.8	2.5
>= 6600	24.5	2.2	11.4	26.9	41.1	57.0	62.8	46.0	23.1	9.8	8.3	5.6	1.5
>= 8400	19.2	.8	8.6	21.2	32.9	46.1	50.5	35.8	16.9	7.0	6.6	4.7	.8
>= 11000	14.1	.5	5.8	16.1	25.6	33.4	38.1	26.0	11.6	4.6	5.1	3.6	.5
>= 14000	10.6	.1	3.8	12.6	20.2	25.7	28.3	19.6	8.2	3.5	3.7	2.1	.2
>= 17000	8.2		2.5	9.0	15.2	20.7	22.2	14.9	7.0	2.6	2.7	1.7	.2
>= 22000	5.8		1.1	6.9	11.1	14.8	16.7	10.1	4.8	1.6	1.6	.9	
>= 28000	4.0		.4	4.5	8.4	10.1	12.9	7.1	3.7	.8	.6	.1	
>= 35000	2.4		.1	2.7	5.0	6.4	8.3	4.2	2.0	.6	.1		
>= 45000	1.2			1.3	2.0	3.6	5.1	1.8	1.1	.1			
>= 57000	.5			.6	.8	2.3	2.4	.5	.1				
>= 72000	.1					1.2	.9						
>= 91000							.1						

STATION 03284550 WEST HICKMAN CREEK AT JONESTOWN, KY. 1974-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 1.0	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 1.3	99.7	100	100	100	100	100	100	100	100	100	100	98.1	99.3
>= 1.5	99.5	100	100	100	100	100	100	100	100	100	99.2	97.4	98.7
>= 1.8	98.7	100	100	100	100	100	100	100	100	99.2	93.5	94.8	98.0
>= 2.1	97.2	100	100	100	100	100	100	100	93.5	99.2	86.3	93.5	95.3
>= 2.5	94.0	100	93.3	100	94.4	100	100	100	91.1	95.8	77.4	91.6	87.3
>= 3.0	88.2	98.4	83.3	99.2	88.7	100	100	98.3	85.5	81.7	63.7	87.7	76.0
>= 3.6	81.1	98.4	78.3	92.7	86.3	92.0	100	89.2	75.0	67.5	50.8	80.6	66.0
>= 4.2	75.0	87.1	70.8	87.9	79.8	92.0	100	84.2	65.3	60.8	46.8	74.2	56.7
>= 5.0	68.2	78.2	63.3	84.7	75.0	92.0	97.6	68.3	58.9	53.3	36.3	67.7	48.7
>= 5.9	62.5	64.5	60.0	80.6	72.6	92.0	93.5	60.0	53.2	44.2	30.6	61.3	44.0
>= 6.9	57.4	55.6	49.2	79.0	71.0	89.4	91.9	54.2	46.0	36.7	27.4	53.5	41.3
>= 8.2	49.5	47.6	35.0	76.6	67.7	77.9	83.9	40.0	40.3	28.3	20.2	45.8	35.3
>= 9.7	43.5	41.9	25.8	66.1	66.9	63.7	79.0	32.5	37.9	25.0	15.3	40.0	31.3
>= 11.0	40.7	37.9	22.5	63.7	62.9	60.2	76.6	30.0	34.7	23.3	13.7	38.7	28.0
>= 14.0	31.5	28.2	13.3	49.2	52.4	47.8	58.1	21.7	28.2	15.8	9.7	31.6	23.3
>= 16.0	27.5	25.0	11.7	44.4	42.7	40.7	48.4	20.0	24.2	11.7	8.1	31.6	22.0
>= 19.0	22.7	17.7	10.0	35.5	35.5	33.6	39.5	17.5	20.2	10.0	6.5	27.7	18.0
>= 22.0	18.3	12.1	6.7	28.2	29.0	26.5	34.7	12.5	14.5	8.3	6.5	23.9	16.0
>= 26.0	14.5	8.9	6.7	21.0	24.2	22.1	30.6	8.3	12.9	5.8	4.8	16.8	11.3
>= 31.0	11.6	8.1	5.0	15.3	18.5	19.5	26.6	6.7	10.5	3.3	2.4	15.5	8.0
>= 37.0	9.1	6.5	4.2	9.7	15.3	14.2	22.6	5.8	8.9	1.7	2.4	12.3	5.3
>= 44.0	6.8	4.8	1.7	4.8	12.1	9.7	18.5	4.2	6.5	1.7	1.6	11.0	4.7
>= 52.0	4.9	3.2	1.6	3.2	8.0	6.1	16.1	2.5	4.8		1.6	8.3	3.3
>= 61.0	3.9	2.4		2.4	5.6	6.1	10.4	2.5	4.8		1.6	7.7	2.6
>= 72.0	2.8	1.6		1.6	4.0	4.4	7.2	2.5	.8		1.6	6.4	2.6
>= 85.0	2.2	1.6		1.6	3.2	2.6	6.4	1.6	.8		1.6	5.8	1.3
>= 100.0	1.7	1.6		.8	3.2	2.6	4.0	1.6			.8	4.5	1.3
>= 120.0	1.4	.8		.8	2.4	1.7	4.0	1.6			.8	3.2	1.3
>= 140.0	1.0	.8		.8	2.4	1.7	3.2	1.6				1.9	
>= 170.0	.7	.8			1.6	1.7	2.4	1.6				1.2	
>= 200.0	.4	.8			.8	.8	1.6					1.2	
>= 230.0	.3	.8			.8		1.6					.6	
>= 280.0												.6	

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	98.3	90.8	96.7	99.9	100	100	100	100	100	100	99.2	99.4	93.8
>= .02	98.3	90.7	96.7	99.9	100	100	100	100	100	100	99.2	99.4	93.8
>= .03	98.3	90.7	96.7	99.9	100	100	100	100	100	100	99.2	99.4	93.8
>= .05	90.7	96.7	99.9	100	100	100	100	100	100	100	99.2	99.4	93.8
>= .08	98.3	90.7	96.7	99.9	100	100	100	100	100	100	99.2	99.4	93.3
>= .10	90.7	96.7	99.9	100	100	100	100	100	100	100	99.2	99.4	93.2
>= .20	97.4	87.5	94.7	99.1	100	100	100	100	100	100	98.4	98.3	90.4
>= .30	96.4	85.1	91.9	98.3	100	100	100	100	100	99.7	97.8	96.8	86.8
>= .50	95.1	81.9	89.9	98.1	100	100	100	100	100	99.7	97.4	93.2	80.7
>= .80	93.3	75.5	85.6	97.8	100	100	100	100	100	99.6	97.0	89.0	75.0
>= 1.20	91.8	71.2	84.2	96.2	99.2	100	100	100	100	99.4	95.1	86.8	69.8
>= 1.80	90.0	65.1	82.4	95.4	99.2	100	100	100	100	98.0	92.7	84.9	63.1
>= 2.80	88.1	59.2	79.7	94.6	99.0	100	100	100	100	97.0	90.1	81.1	56.7
>= 4.30	86.2	54.3	77.6	93.7	98.7	100	100	100	100	95.3	87.8	76.6	50.7
>= 6.60	83.9	51.1	71.0	92.6	98.7	100	100	100	100	93.1	84.0	70.9	45.7
>= 10.00	81.2	47.2	65.6	90.9	98.6	100	100	100	99.9	89.5	79.2	64.0	40.5
>= 16.00	77.5	40.8	61.5	88.3	98.6	100	100	100	99.1	83.0	69.4	55.7	34.8
>= 24.00	72.9	33.6	55.9	85.9	97.0	100	100	100	94.7	73.8	60.7	75.9	28.9
>= 37.00	67.0	26.3	50.0	80.9	95.8	98.7	100	99.7	86.5	62.4	48.4	34.0	23.2
>= 58.00	61.0	20.7	44.4	74.4	94.4	96.3	99.0	96.0	76.3	50.7	37.5	25.8	19.0
>= 89.00	54.3	12.5	38.2	66.2	90.2	94.5	98.7	90.7	62.9	38.8	28.9	18.1	15.0
>= 140.00	45.7	7.3	29.4	57.0	80.9	87.6	93.8	75.9	47.1	26.9	21.6	12.1	10.9
>= 210.00	37.1	4.5	21.8	47.7	67.1	75.9	83.5	59.8	34.3	19.2	16.7	9.1	7.9
>= 330.00	28.0	2.6	14.9	36.7	52.4	60.2	65.3	44.5	24.5	12.6	12.3	6.0	5.6
>= 510.00	19.7	1.8	10.4	25.3	37.3	43.3	47.0	30.1	17.6	8.6	8.2	4.1	3.6
>= 780.00	13.3	.9	6.8	17.2	25.8	30.2	31.8	20.0	11.7	5.3	5.8	2.6	2.5
>= 1200.00	8.6	.6	4.2	11.2	17.2	18.4	20.8	13.7	8.0	3.3	3.2	1.0	1.6
>= 1900.00	5.2	.3	2.1	6.8	10.6	12.0	13.3	7.4	4.9	2.1	1.8	.4	1.0
>= 2900.00	3.0	.2	1.3	4.2	6.3	7.1	7.6	4.3	2.9	1.3	.6	.1	.5
>= 4400.00	1.6	.2	.6	2.2	3.1	3.9	4.1	2.7	1.0	.4	.3		.3
>= 6800.00	.6		.2	.8	.9	1.7	2.0	1.3	.2				.1
>= 11000.00	.1				.3	.1	.5	.3					

STATION 03285500 DIX RIVER NEAR BURGIN, KY. 1909-1922

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .30	100	100	100	100	100	100	100	100	100	100	100	100	100
>= .60	99.5	96.2	100	100	100	100	100	100	100	100	100	100	97.9
>= .80	99.4	96.2	100	100	100	100	100	100	100	100	100	100	97.0
>= 1.10	99.0	93.0	99.7	100	100	100	100	100	100	100	100	99.7	96.1
>= 1.50	98.6	93.0	99.7	100	100	100	100	100	100	99.7	99.1	98.2	93.9
>= 2.10	96.8	93.0	97.3	100	100	100	100	100	100	99.1	96.5	96.2	80.0
>= 3.00	94.8	92.7	96.4	100	100	100	100	100	100	97.9	86.5	89.1	75.5
>= 4.20	92.9	86.5	95.5	100	100	100	100	100	100	97.6	83.3	85.9	65.8
>= 5.80	92.1	86.2	94.5	100	100	100	100	100	100	97.0	80.6	83.6	63.0
>= 8.20	90.3	81.2	93.9	100	100	100	100	100	100	95.5	75.4	80.1	57.6
>= 11.00	88.1	78.0	91.5	100	100	100	100	100	100	88.8	69.8	75.4	53.6
>= 16.00	85.4	70.1	87.3	100	100	100	100	100	100	84.2	64.2	68.9	50.3
>= 22.00	82.1	61.3	81.8	100	100	100	100	100	100	79.7	57.5	63.0	43.0
>= 31.00	78.9	56.0	76.1	99.7	100	100	100	100	98.8	72.1	48.7	58.4	37.9
>= 44.00	74.0	50.7	66.1	89.1	100	100	100	100	92.4	65.8	43.7	49.6	32.1
>= 61.00	68.3	46.0	51.2	85.3	100	100	99.7	99.1	83.0	54.5	37.2	39.0	25.8
>= 86.00	63.4	40.5	42.4	84.2	100	98.4	99.1	97.6	71.6	44.2	31.1	32.3	20.6
>= 120.00	58.0	33.7	35.5	82.1	99.7	95.5	97.7	88.8	59.2	35.5	27.9	26.7	15.2
>= 170.00	52.7	26.7	32.4	76.0	99.1	89.4	95.6	80.0	48.7	26.4	24.6	23.2	11.2
>= 230.00	46.7	22.0	27.3	66.9	97.4	83.3	88.9	68.8	38.4	21.2	20.2	18.8	9.1
>= 330.00	39.1	17.0	21.5	59.5	88.3	74.0	78.9	55.5	28.2	13.9	14.7	13.5	5.8
>= 460.00	30.3	12.6	18.5	46.3	72.7	60.5	61.6	37.9	22.3	8.5	10.9	8.8	4.5
>= 640.00	24.3	8.8	14.8	36.1	64.2	51.4	51.3	25.5	17.9	5.8	7.9	5.6	3.6
>= 900.00	18.1	6.7	12.4	26.6	52.4	38.2	40.1	15.4	12.0	3.9	6.1	1.7	2.4
>= 1300.00	12.4	4.9	8.7	21.4	37.2	23.1	27.2	10.9	8.2	1.5	3.8	.5	1.2
>= 1800.00	9.0	4.3	6.9	15.2	26.9	16.7	20.5	7.5	5.5	1.2	2.6	.2	.6
>= 2500.00	6.3	4.1	6.6	12.0	18.7	10.6	14.3	3.9	3.2	.6	1.7		.6
>= 3400.00	4.4	2.9	4.2	8.5	14.6	6.4	10.5	2.7	1.7	.6	.5		.3
>= 4800.00	3.0	2.3	1.8	6.4	10.5	3.8	7.0	1.5	1.4	.3	.5		
>= 6700.00	1.6	1.1	1.2	3.2	7.6	1.6	3.5	.6	.8				
>= 9400.00	.9	.5	.3	1.4	5.8	.6	2.0	.3	.2				
>= 13000.00	.3			.8	2.9		.5						
>= 18000.00	.1				1.7		.5						
>= 26000.00					.2								

STATION 03287000 KENTUCKY RIVER AT LOCK 6, NEAR SALVISA, KY. 1926-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 15	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 20	100	100	100	100	100	100	100	100	100	100	100	99.9	100
>= 26	99.8	99.5	99.5	99.5	100	100	100	100	100	100	99.9	99.9	99.9
>= 34	99.8	99.5	99.5	99.5	100	100	100	100	100	100	99.9	99.6	99.6
>= 44	99.7	99.5	99.5	99.5	100	100	100	100	100	99.7	99.8	99.4	99.2
>= 57	99.6	99.4	99.4	99.5	100	100	100	100	100	99.7	99.1	99.0	98.9
>= 75	99.5	99.3	99.3	99.5	100	100	100	100	100	99.7	99.0	99.0	98.7
>= 98	99.4	98.9	99.0	99.4	100	100	100	100	100	99.7	98.8	98.8	98.2
>= 130	99.1	97.1	98.7	99.2	100	100	100	100	100	99.4	98.6	98.3	97.7
>= 170	98.3	93.5	97.3	98.6	100	99.8	100	100	99.9	98.8	98.0	97.7	96.3
>= 220	96.8	87.9	94.6	97.9	99.8	99.6	100	100	99.8	98.1	96.3	95.6	92.6
>= 290	94.1	78.6	90.6	96.6	99.0	99.5	100	100	99.8	96.9	94.0	91.8	82.8
>= 380	90.7	69.4	85.8	94.4	98.3	99.4	100	100	99.3	94.8	91.4	84.2	71.4
>= 490	86.3	57.6	78.8	92.0	96.7	98.9	100	100	98.6	90.9	87.2	76.4	59.5
>= 640	81.4	46.3	70.5	87.9	95.6	98.2	100	100	97.7	84.9	78.6	69.2	48.4
>= 840	75.4	34.4	61.5	84.1	94.2	96.9	99.8	99.9	94.8	77.5	68.5	58.5	35.5
>= 1100	69.4	26.5	51.2	78.9	92.9	95.2	99.4	99.1	90.0	68.4	57.9	47.0	27.7
>= 1400	64.2	21.7	44.5	73.3	91.4	92.4	99.0	97.9	84.8	58.1	47.9	38.8	21.8
>= 1900	57.7	15.3	38.1	66.2	87.1	90.2	97.5	95.3	75.3	45.2	38.5	30.2	15.3
>= 2500	52.0	10.7	32.6	58.5	82.0	87.6	95.9	92.2	65.7	35.3	30.4	23.4	11.3
>= 3200	46.2	7.4	26.2	51.2	75.7	84.4	93.0	85.8	55.0	27.9	24.2	18.0	7.6
>= 4200	39.2	5.1	21.2	44.0	65.7	77.4	85.0	72.9	44.1	21.4	18.6	12.0	5.0
>= 5500	32.8	3.7	17.4	36.2	56.8	68.5	75.8	61.3	34.6	16.0	13.6	8.4	3.6
>= 7200	26.2	2.2	13.2	28.8	46.5	56.5	64.3	49.4	26.1	11.5	9.6	5.6	2.4
>= 9400	20.5	1.3	9.5	22.3	38.1	45.0	52.1	39.0	19.4	7.9	7.4	4.1	1.8
>= 12000	15.8	.7	6.7	17.4	31.2	33.0	41.7	29.9	14.1	6.0	5.3	3.3	1.6
>= 16000	11.3	.4	4.2	12.2	23.5	24.3	30.9	20.5	9.6	4.0	3.7	2.0	1.3
>= 21000	7.8	.3	2.0	7.5	16.6	16.8	23.0	14.1	6.8	2.7	2.4	1.4	.6
>= 27000	5.3	.1	1.3	5.0	11.8	12.2	16.6	9.4	4.3	1.7	1.5	.4	.3
>= 36000	3.1	.1	.4	2.6	6.9	7.5	10.1	5.6	2.5	1.0	.6	.1	
>= 47000	1.5		.1	1.4	3.2	4.0	5.9	2.8	.7	.3	.1		
>= 61000	.7			.5	1.7	2.4	2.9	.8	.1				
>= 80000	.1			.1	.3	.6	.3	.2					

STATION 03287500 KENTUCKY RIVER AT LOCK 4, NEAR FRANKFORT, KY. 1926-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 15	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 20	100	100	100	100	100	100	100	100	100	100	100	99.8	99.9
>= 26	100	100	99.9	100	100	100	100	100	100	100	100	99.8	99.8
>= 34	99.9	100	99.9	100	100	100	100	100	100	99.9	99.8	99.8	99.6
>= 44	99.9	100	99.9	100	100	100	100	100	100	99.8	99.6	99.8	99.5
>= 58	99.8	99.8	99.8	99.9	100	100	100	100	100	99.7	99.4	99.6	99.2
>= 76	99.7	99.7	99.7	99.9	100	100	100	100	100	99.6	98.9	99.3	98.9
>= 99	99.6	99.6	99.7	99.9	100	100	100	100	100	99.6	98.8	99.2	98.3
>= 130	99.3	98.6	99.5	99.6	100	100	100	100	100	99.2	98.5	98.6	97.9
>= 170	98.8	95.6	99.1	99.4	100	100	100	100	100	99.0	98.1	97.8	97.0
>= 220	97.9	91.7	97.6	99.0	99.9	100	100	100	100	98.8	97.3	96.3	94.9
>= 290	95.9	84.9	94.8	98.3	99.4	100	100	100	99.9	98.1	95.0	94.2	86.3
>= 380	92.8	74.1	91.0	96.7	99.1	100	100	100	99.8	96.4	92.6	88.0	76.2
>= 500	88.4	62.7	83.5	94.0	98.0	99.9	100	100	99.1	92.9	88.3	79.9	63.6
>= 650	83.2	49.6	75.2	90.6	97.5	99.7	100	100	98.1	86.7	80.8	69.7	51.4
>= 850	77.5	37.8	66.1	87.1	96.5	97.9	99.9	100	95.1	80.1	70.8	60.2	39.7
>= 1100	71.4	28.8	56.6	81.8	95.2	95.7	99.4	99.4	91.1	70.1	60.9	49.1	30.9
>= 1500	64.4	21.3	46.6	74.3	93.0	92.7	98.9	97.6	85.5	57.5	47.3	38.9	21.3
>= 1900	59.8	17.5	42.1	69.2	89.8	91.2	98.0	96.0	78.2	48.4	39.9	32.5	17.1
>= 2500	53.9	12.4	35.8	61.8	85.3	89.6	97.0	92.9	67.9	37.4	31.6	25.4	12.9
>= 3300	47.8	8.2	29.5	54.2	78.2	86.7	94.4	87.3	56.5	29.4	24.9	18.8	8.8
>= 4300	41.4	6.2	23.7	47.1	69.3	80.1	88.3	76.4	46.8	23.3	19.8	13.7	5.9
>= 5600	35.0	4.4	19.5	40.2	60.5	72.6	79.3	65.6	37.1	17.1	14.3	9.3	4.0
>= 7400	27.6	2.6	14.0	30.8	49.5	59.0	67.7	50.8	27.9	12.3	10.0	6.1	2.7
>= 9600	21.7	1.6	10.3	23.4	40.6	47.3	56.1	40.3	20.7	8.9	7.5	4.4	2.0
>= 13000	15.5	.7	6.6	17.5	31.3	32.7	41.4	29.1	13.7	5.5	4.7	2.9	1.6
>= 17000	11.0	.4	3.7	11.3	23.4	23.9	30.8	20.0	9.7	3.8	3.2	1.7	1.1
>= 22000	7.6	.2	2.1	7.4	16.6	16.5	23.3	13.5	6.5	2.6	2.2	1.1	.4
>= 28000	5.3	.1	1.3	4.5	11.8	11.9	17.3	9.9	4.4	1.6	1.3	.1	.3
>= 37000	3.1	.1	.3	2.7	6.9	7.4	10.7	5.9	2.6	.9	.6		
>= 49000	1.6		.1	1.3	3.4	3.9	6.3	2.8	.8	.3	.1		
>= 64000	.6			.4	1.5	2.1	2.9	.8	.1				
>= 83000	.1				.4	.5	.2	.2					

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .10	98.5	94.9	96.4	97.6	100	100	100	100	100	100	99.2	98.8	94.9
>= .20	98.2	94.5	96.4	97.5	100	100	100	100	100	100	99.1	97.8	93.0
>= .30	97.9	93.7	96.4	97.5	100	100	100	100	100	100	98.8	97.2	91.0
>= .40	97.6	93.2	95.7	97.4	100	100	100	100	100	100	98.7	96.4	90.5
>= .50	97.2	91.6	95.4	97.4	100	100	100	100	100	100	98.1	95.9	87.8
>= .70	96.5	90.4	94.5	97.2	100	100	100	100	100	100	97.1	94.2	84.5
>= 1.00	95.3	87.1	93.5	97.2	100	100	100	100	100	99.9	96.2	90.4	79.4
>= 1.40	93.6	82.9	90.8	96.4	98.6	100	100	100	100	99.8	95.2	86.9	73.2
>= 2.00	91.2	72.5	85.5	96.1	98.2	100	100	100	100	99.7	92.7	82.1	67.8
>= 2.80	88.9	64.7	80.4	95.6	98.2	100	100	100	100	99.1	89.4	77.5	62.2
>= 3.90	85.1	53.3	73.9	93.4	98.0	100	100	100	100	97.2	83.2	70.0	52.5
>= 5.50	81.2	45.9	68.7	89.3	98.0	100	100	100	99.7	89.4	76.0	63.6	45.5
>= 7.60	76.8	39.4	62.6	87.1	96.8	100	100	100	97.2	81.8	65.1	56.6	36.7
>= 11.00	72.2	33.3	57.5	85.8	95.6	99.7	100	100	91.9	73.1	55.5	48.4	28.3
>= 15.00	67.0	26.8	49.9	82.4	95.2	98.7	100	100	85.8	60.9	45.9	39.2	22.1
>= 21.00	61.5	19.2	44.0	77.1	93.3	97.9	100	98.0	75.8	49.3	37.4	31.6	18.3
>= 29.00	56.3	13.0	40.1	71.7	91.8	96.7	98.2	94.1	64.3	39.0	31.1	25.9	14.5
>= 40.00	50.6	10.0	33.0	67.3	87.1	93.2	96.0	85.7	53.8	30.9	23.9	19.9	11.8
>= 56.00	44.5	7.9	26.9	62.7	78.8	88.2	93.1	73.1	42.6	23.0	18.9	14.8	9.4
>= 78.00	37.8	4.7	22.5	55.2	70.5	79.0	83.5	59.7	34.3	18.0	13.7	10.2	6.9
>= 110.00	31.1	3.3	18.0	46.1	57.9	69.3	72.5	47.8	26.7	13.3	9.7	7.3	5.5
>= 150.00	25.1	2.3	13.1	38.8	48.6	55.2	61.2	37.6	21.7	10.3	6.6	5.3	4.6
>= 210.00	19.3	1.8	7.9	30.1	38.8	43.2	47.8	29.5	16.7	7.5	3.9	4.2	3.0
>= 300.00	14.1	1.1	5.2	22.4	28.1	32.2	37.5	20.6	11.6	5.1	2.2	2.7	2.1
>= 420.00	9.2	.8	3.0	14.4	18.0	19.8	26.7	13.3	8.2	3.1	1.5	2.0	1.6
>= 580.00	5.8	.4	2.2	9.1	10.3	13.1	17.5	8.5	5.1	2.0	1.0	1.2	.8
>= 810.00	3.5	.3	1.0	4.9	5.6	8.2	11.1	5.0	3.3	1.4	.7	.8	.4
>= 1100.00	2.2	.2	.4	2.8	3.6	5.6	7.3	3.1	1.8	1.2	.3	.6	.1
>= 1600.00	1.3	.1	.2	2.0	2.0	2.9	4.4	1.9	1.0	.8	.1	.2	
>= 2200.00	.6	.1	.1	.6	1.1	1.3	2.5	.6	.5	.6		.2	
>= 3100.00	.2	.1		.3	.3	.5	.9	.3	.1	.1			
>= 4300.00					.2	.2	.4	.2					
>= 6000.00							.1						

STATION 03288500 CAVE CREEK NEAR FORT SPRING, KY. 1953-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	98.8	94.0	99.6	100	100	100	100	100	100	100	99.7	99.4	92.6
>= .02	98.5	94.0	99.6	100	100	100	100	100	100	100	99.7	98.3	91.2
>= .03	97.8	92.3	99.6	98.7	99.9	100	100	100	100	100	99.7	95.7	88.0
>= .05	95.3	85.0	94.8	95.0	99.7	100	100	100	100	100	97.9	90.2	81.7
>= .06	90.0	70.8	84.6	91.7	98.0	100	100	100	100	99.3	92.5	79.7	65.1
>= .08	88.9	68.2	83.8	90.9	98.0	100	100	100	100	98.8	91.6	77.6	60.3
>= .10	87.5	64.8	80.9	90.1	98.0	100	100	100	100	97.8	90.4	75.4	54.8
>= .20	76.0	37.2	55.5	82.7	94.5	99.8	100	100	98.4	86.7	72.7	54.9	33.8
>= .30	68.7	27.5	42.6	74.3	93.7	99.7	100	100	96.3	73.2	59.9	40.7	21.2
>= .40	63.1	20.8	36.1	70.3	92.4	97.6	99.9	100	89.0	61.2	46.9	33.9	14.6
>= .50	58.3	16.7	32.5	67.5	90.8	96.6	99.3	98.8	77.4	49.3	38.0	28.2	10.3
>= .60	54.6	13.7	30.0	63.8	89.6	95.7	98.0	97.5	68.9	40.7	32.1	23.8	8.0
>= .80	49.7	10.7	25.9	58.4	86.3	94.7	96.2	92.2	59.6	30.7	23.3	18.5	6.4
>= 1.10	44.2	7.2	22.8	52.5	83.1	93.9	92.9	80.3	48.9	21.8	17.1	13.1	4.6
>= 1.40	39.8	6.2	20.0	47.0	77.2	90.2	88.8	69.3	41.4	16.5	13.7	10.7	3.8
>= 1.80	34.4	5.0	16.5	41.2	64.5	82.2	80.5	57.8	34.7	12.5	11.5	8.6	3.3
>= 2.40	28.3	4.1	10.7	36.2	52.4	70.9	70.3	44.8	29.5	8.6	8.9	6.5	2.3
>= 3.20	23.7	2.7	7.4	31.1	44.9	59.0	62.2	37.0	24.5	6.9	6.6	4.6	1.7
>= 4.20	19.7	2.1	5.9	25.9	35.8	49.8	54.0	29.1	20.9	6.3	4.9	3.6	1.3
>= 5.50	16.4	1.5	4.3	21.2	28.0	43.4	46.7	24.6	17.9	5.0	3.7	2.8	.9
>= 7.20	12.6	1.3	2.0	15.4	20.2	34.9	39.2	18.7	13.8	3.7	2.6	2.2	.3
>= 9.50	8.8	.8	1.0	9.6	13.5	23.0	29.6	14.3	9.7	2.8	1.6	1.1	.3
>= 12.00	6.2	.7	.6	6.1	7.9	15.9	22.6	10.3	7.3	2.2	1.2	.7	.1
>= 16.00	3.2	.5	.1	2.9	3.4	8.5	11.8	5.3	4.0	1.3	.9	.4	
>= 22.00	1.4	.2		1.4	1.1	3.8	4.9	2.4	2.0	.5	.5		
>= 28.00	.7	.2		.7	.4	2.0	2.6	1.3	1.1	.5	.4		
>= 37.00	.4	.1		.2	.2	.9	1.4	.7	1.0	.4	.2		
>= 49.00	.1				.1	.6	.5	.2	.1	.1	.2		
>= 65.00						.3	.1	.1		.1	.1		
>= 85.00								.1		.1			

STATION 03289000 SOUTH ELKHORN CREEK AT FORT SPRING, KY. 1950-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .10	96.7	91.9	96.5	100	100	100	100	100	100	99.5	96.3	91.5	85.2
>= .20	95.6	90.3	96.1	99.4	100	100	100	100	100	99.4	95.0	86.8	80.9
>= .30	94.7	87.7	95.2	99.4	100	100	100	100	100	99.1	94.0	83.8	78.4
>= .40	93.4	81.9	92.7	98.7	99.9	100	100	100	100	98.9	92.5	81.3	76.2
>= .50	92.4	78.3	91.0	97.8	99.8	100	100	100	100	98.7	91.1	79.6	73.6
>= .70	90.7	73.2	89.4	97.2	99.8	100	100	100	100	97.8	88.1	77.2	67.0
>= .90	89.4	69.8	86.4	96.5	99.4	100	100	100	100	96.6	86.0	75.9	63.0
>= 1.20	87.2	65.6	79.9	95.4	98.4	100	100	100	100	94.8	82.5	72.7	58.2
>= 1.60	83.9	55.8	74.0	91.8	97.1	100	100	100	99.9	90.6	79.3	68.1	51.4
>= 2.10	80.5	49.3	69.4	88.4	96.0	100	100	100	99.2	85.6	74.4	60.8	44.3
>= 2.80	76.0	40.8	62.1	84.3	95.7	99.9	100	100	95.9	78.7	68.0	53.2	35.1
>= 3.60	71.5	33.8	54.2	81.6	94.9	99.2	100	100	90.2	71.0	61.1	45.8	28.7
>= 4.80	66.3	24.8	48.0	77.5	93.5	97.9	99.8	99.7	81.9	62.4	52.3	38.8	22.5
>= 6.30	61.4	18.8	43.5	73.7	91.8	97.2	98.7	97.8	73.5	52.0	41.6	33.4	18.4
>= 8.40	55.4	13.4	39.4	68.8	88.0	94.7	97.2	92.5	61.6	41.1	31.9	25.8	15.4
>= 11.00	50.5	10.4	34.8	64.3	84.4	93.8	95.3	84.6	53.4	31.4	25.7	20.4	13.3
>= 15.00	43.2	6.8	28.3	57.0	75.2	88.6	88.9	70.3	43.4	22.3	18.4	14.9	9.8
>= 19.00	37.6	4.6	23.8	52.3	65.9	80.5	81.6	59.1	36.6	17.4	14.7	11.8	8.2
>= 25.00	31.9	3.2	19.3	45.6	56.7	68.9	72.2	48.5	30.1	14.0	11.9	9.7	6.8
>= 33.00	25.4	2.4	14.6	37.1	46.9	54.6	63.1	36.2	23.2	9.8	8.3	6.9	5.3
>= 44.00	19.5	2.0	10.2	28.6	36.8	42.1	50.3	26.2	17.9	6.8	6.6	4.7	4.1
>= 58.00	14.9	1.4	6.7	22.6	27.5	32.1	40.4	20.3	13.8	5.2	4.6	3.4	3.0
>= 77.00	10.8	1.0	4.4	15.0	19.1	23.4	30.3	15.1	10.7	3.7	3.6	3.1	2.2
>= 100.00	7.6	.8	3.4	9.6	13.1	15.8	22.1	10.6	8.4	2.6	2.4	2.6	1.2
>= 130.00	5.2	.6	2.5	7.1	8.0	11.1	15.8	7.2	5.3	1.8	1.5	1.5	.8
>= 180.00	3.1	.3	1.4	4.1	4.9	6.8	10.1	3.7	3.1	1.0	.8	.7	.3
>= 230.00	1.9	.2	.4	3.1	2.9	3.9	6.4	2.4	1.6	.6	.4	.5	.3
>= 310.00	1.0	.2	.1	1.4	1.3	2.4	3.6	1.2	.8	.5	.2	.2	
>= 400.00	.5			.9	.9	1.2	2.1	.8	.4	.3	.1	.1	
>= 530.00	.2			.2	.3	.6	.9	.1	.1	.3			
>= 700.00				.1		.2	.3	.1		.2			
>= 930.00										.1			

STATION 03289500 ELKHORN CREEK NEAR FRANKFORT, KY. 1940-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 2.5	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 3.3	99.9	99.5	99.9	100	100	100	100	100	100	100	100	100	99.9
>= 4.3	99.8	98.7	99.6	100	100	100	100	100	100	100	100	99.9	99.4
>= 5.7	99.5	96.9	99.3	100	100	100	100	100	100	100	99.4	99.8	98.3
>= 7.5	98.9	93.9	98.9	99.8	100	100	100	100	100	100	98.7	99.2	95.9
>= 9.9	97.8	89.9	97.5	99.4	100	99.7	100	100	100	99.6	98.0	97.8	91.8
>= 13.0	96.6	85.4	95.5	99.1	100	99.1	100	100	100	99.5	97.3	96.2	86.9
>= 17.0	94.8	80.2	93.1	98.3	99.5	98.8	100	100	100	99.0	96.1	91.6	81.2
>= 23.0	91.7	69.4	88.0	97.0	98.4	98.6	100	100	99.7	97.9	93.6	84.3	73.8
>= 30.0	88.4	61.8	79.4	95.6	97.8	98.5	100	100	99.5	96.3	90.0	76.7	65.9
>= 39.0	84.5	53.2	74.0	92.4	97.1	98.5	100	100	99.0	91.3	84.3	68.9	56.7
>= 52.0	78.2	42.1	62.0	86.5	95.4	98.4	100	100	97.3	83.9	75.1	56.2	43.3
>= 68.0	72.8	34.4	54.5	82.8	94.6	98.1	100	100	93.6	75.4	63.7	46.3	31.7
>= 89.0	66.9	25.8	48.8	77.3	93.3	96.8	99.8	99.0	84.9	65.1	52.2	38.2	24.4
>= 120.0	59.7	17.2	40.3	70.3	92.6	95.2	97.7	97.0	73.0	51.7	39.2	29.3	16.2
>= 150.0	54.3	12.1	35.8	64.8	90.7	92.4	93.6	91.8	63.2	43.1	30.9	23.3	13.2
>= 200.0	47.8	8.5	28.9	58.6	84.9	87.7	90.8	82.1	52.3	33.1	23.2	18.0	10.2
>= 270.0	41.2	5.5	23.3	52.7	76.9	81.2	84.6	69.2	40.9	25.4	17.7	12.8	7.7
>= 350.0	35.8	4.1	20.4	47.1	69.2	73.4	76.5	59.7	34.1	19.2	13.4	9.8	6.0
>= 470.0	29.9	3.1	15.7	41.5	60.3	62.2	68.1	48.9	26.1	14.4	10.1	6.9	4.4
>= 610.0	24.9	2.3	12.4	36.0	50.8	53.5	59.5	40.1	20.8	10.9	7.7	4.7	3.4
>= 810.0	19.7	1.7	9.1	29.0	41.1	43.1	49.4	30.9	16.2	8.0	4.9	3.3	2.5
>= 1100.0	14.6	1.3	5.4	21.6	31.4	33.1	38.4	21.3	11.4	6.0	3.5	2.2	1.5
>= 1400.0	10.9	1.0	3.6	15.6	23.5	25.5	30.5	15.6	8.3	4.2	2.5	1.0	1.1
>= 1800.0	8.0	.8	2.3	10.9	16.4	18.8	23.1	12.1	6.2	3.0	1.6	.9	.7
>= 2400.0	5.3	.5	1.5	6.6	10.7	12.8	15.7	8.0	3.7	2.0	1.3	.8	.3
>= 3200.0	3.3	.1	.9	3.9	6.8	8.4	10.3	4.5	2.2	1.5	.9	.3	.1
>= 4200.0	2.2	.1	.6	3.0	4.9	5.3	6.6	2.9	1.4	1.0	.4	.3	
>= 5500.0	1.3		.1	1.8	2.8	3.4	4.0	1.9	.8	.7	.1	.1	
>= 7300.0	.6			.9	1.1	1.7	2.4	1.1	.4	.3			
>= 9600.0	.3			.3	.6	.8	1.1	.3	.2				
>= 13000.0	.1				.3	.1	.4	.1	.1				
>= 17000.0							.1						

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	73.0	38.2	69.0	89.7	97.3	97.0	98.9	100	98.4	68.8	50.8	38.4	31.2
>= .02	72.4	37.9	68.5	87.6	97.3	97.0	98.9	100	98.4	67.7	49.5	37.3	30.7
>= .03	72.3	37.9	68.5	87.4	97.3	96.8	98.7	100	98.4	67.2	49.2	36.9	30.3
>= .05	71.7	37.9	68.3	85.8	97.3	96.6	98.7	100	98.4	65.7	47.3	35.8	29.7
>= .07	71.2	37.6	67.3	84.8	96.5	96.5	98.7	100	98.4	64.8	46.5	35.5	29.3
>= .10	70.5	36.9	65.8	84.7	95.8	96.1	98.7	100	98.4	62.0	45.6	34.5	29.0
>= .20	62.5	25.6	54.2	76.3	88.7	93.1	98.7	100	94.4	48.0	33.9	22.1	16.5
>= .30	56.9	18.7	43.0	69.4	85.0	91.5	98.1	99.7	88.2	37.0	26.6	16.1	12.0
>= .40	53.6	15.3	38.3	64.8	80.2	89.9	96.8	98.8	82.1	30.2	23.7	14.2	10.7
>= .60	47.4	11.0	30.7	55.0	70.6	85.0	93.5	94.7	69.8	23.0	19.2	10.5	8.2
>= .80	43.1	9.0	27.0	49.2	65.8	76.1	90.8	90.8	60.8	17.8	16.0	9.2	7.2
>= 1.10	37.6	6.1	21.7	43.4	56.5	67.1	84.8	80.3	49.2	15.5	14.0	7.9	6.8
>= 1.60	30.3	4.4	18.0	37.4	44.0	56.5	72.9	60.5	36.5	12.5	11.3	6.1	5.0
>= 2.20	24.3	3.7	14.3	30.3	36.5	45.5	59.7	43.5	28.2	10.2	10.2	5.5	4.2
>= 3.10	19.6	3.1	12.3	24.5	30.0	37.5	47.4	33.5	21.8	8.8	8.5	4.7	3.7
>= 4.30	16.3	2.1	10.3	22.1	26.3	31.5	39.2	26.7	17.9	6.7	6.9	3.5	2.7
>= 6.00	13.3	1.9	8.3	19.2	20.2	27.3	31.9	20.8	14.2	5.8	5.5	2.9	2.0
>= 8.50	10.6	1.8	6.8	15.6	16.5	21.6	24.0	17.0	11.1	4.8	4.5	2.6	1.5
>= 12.00	8.8	1.3	6.0	13.1	13.4	17.2	20.3	12.8	9.0	4.5	4.4	2.4	1.5
>= 17.00	7.1	1.3	5.0	11.6	9.8	14.9	15.2	10.7	7.3	3.5	3.7	1.9	1.3
>= 23.00	5.8	1.3	4.2	9.2	7.3	12.6	11.8	9.0	6.1	2.8	3.4	1.3	1.0
>= 33.00	4.6	.8	3.0	7.4	5.6	9.6	9.2	7.2	5.6	2.5	3.2	1.0	.7
>= 46.00	3.8	.5	2.5	6.1	5.5	7.4	7.6	5.0	5.2	2.2	2.7	.5	.5
>= 64.00	2.7	.3	1.3	4.3	4.5	5.6	5.9	4.1	2.9	2.1	1.7	.1	.3
>= 90.00	1.7	.1	.5	2.9	2.7	3.5	3.7	3.0	1.7	1.6	1.2		.3
>= 130.00	.9	.1	.1	1.2	1.2	2.3	2.5	1.5	.8	.3	.4		.3
>= 180.00	.3		.1	.3	.3	.5	1.1	.5	.8	.1	.4		.3
>= 250.00	.1		.1				.8	.3	.3	.1	.1		.1
>= 350.00	.1		.1				.6		.1	.1			.1
>= 490.00							.3			.1			
>= 690.00							.1						

STATION 03290500 KENTUCKY RIVER AT LOCK 2, AT LOCKPORT, KY. 1926-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 80	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 100	100	99.5	100	100	100	100	100	100	100	100	100	100	100
>= 120	99.8	98.5	100	100	100	100	100	100	100	100	100	99.9	99.5
>= 160	99.8	98.5	100	100	100	100	100	100	100	100	100	99.9	99.5
>= 190	99.7	97.4	99.7	100	100	100	100	100	100	100	100	99.8	99.5
>= 240	98.9	93.0	98.9	99.5	100	100	100	100	100	99.9	99.5	99.6	97.1
>= 300	98.1	90.9	98.0	99.3	100	100	100	100	100	99.9	98.1	97.4	94.3
>= 380	95.4	80.6	94.4	98.4	99.2	100	100	100	99.9	99.3	96.1	93.2	83.7
>= 470	92.4	73.1	88.3	95.5	99.0	100	100	100	99.5	97.6	93.5	87.4	75.5
>= 590	88.9	61.4	82.8	94.3	98.4	99.9	99.9	100	99.2	94.4	90.1	80.3	66.7
>= 730	84.3	49.4	75.9	92.2	97.4	99.3	99.9	100	98.7	90.7	83.2	72.5	52.7
>= 910	79.4	40.1	68.2	87.6	96.9	98.3	99.8	100	97.6	84.7	74.0	63.5	42.7
>= 1100	75.8	34.2	63.2	85.6	96.2	97.3	99.8	99.9	96.1	78.8	67.4	56.1	36.1
>= 1400	69.9	26.9	55.6	81.0	94.7	94.8	99.4	99.3	90.5	69.0	56.9	44.8	27.7
>= 1800	64.0	21.0	47.8	73.8	91.9	92.3	98.7	98.2	85.1	56.4	45.6	37.5	21.0
>= 2200	59.4	17.4	42.1	68.4	89.7	90.9	97.8	96.3	78.2	48.4	37.7	30.4	17.1
>= 2800	54.5	12.8	36.8	62.0	86.2	89.3	97.0	93.8	70.9	38.7	30.8	24.2	12.9
>= 3400	50.1	9.4	32.4	57.5	82.1	87.4	95.2	89.3	61.9	32.7	25.9	19.7	9.7
>= 4300	44.9	6.8	28.2	51.6	75.3	83.2	91.4	80.8	53.3	26.8	21.1	15.5	6.9
>= 5400	39.2	5.3	23.8	45.7	67.0	76.3	83.7	71.5	44.8	21.2	16.4	11.5	5.1
>= 6700	33.7	3.9	18.4	38.8	58.6	69.8	76.6	62.2	37.3	16.7	12.6	7.8	3.5
>= 8400	28.4	3.1	14.6	32.5	51.2	59.4	67.5	53.1	30.8	13.3	8.8	5.6	2.9
>= 10000	24.0	2.0	12.2	27.3	44.6	51.2	59.2	43.8	25.1	10.0	7.4	4.3	2.7
>= 13000	18.3	.9	8.3	21.2	36.6	39.0	47.0	32.7	18.0	7.2	4.9	3.2	1.7
>= 16000	14.3	.5	5.5	16.2	29.5	30.3	38.7	26.1	13.3	5.3	3.5	2.2	1.5
>= 20000	11.2	.4	3.4	11.5	24.1	23.4	31.6	20.2	10.6	4.1	2.8	1.3	1.0
>= 25000	8.7	.1	2.1	8.4	19.4	18.3	25.3	16.1	7.8	3.4	1.9	.8	.6
>= 32000	6.4	.1	1.2	5.6	15.0	13.4	20.6	11.6	5.5	1.8	1.5	.3	.3
>= 39000	4.3	.1	.6	3.7	9.9	9.0	14.8	8.1	3.5	1.3	.9	.1	
>= 49000	2.4		.3	1.9	5.0	5.2	9.3	4.3	1.7	.8	.2		
>= 61000	1.2		.1	.9	2.8	2.8	5.3	1.6	.5	.1	.1		
>= 76000	.5			.3	1.3	1.3	2.4	.6	.1				
>= 95000					.3		.3	.2					

STATION 03291500 EAGLE CREEK AT GLENCOE, KY. 1915-1918 1928-1931 1938-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= .01	94.9	83.5	86.6	93.6	98.6	100	100	100	100	100	94.5	93.7	88.3
>= .02	94.9	83.4	86.5	93.6	98.6	100	100	100	100	100	94.5	93.7	88.3
>= .03	94.9	83.4	86.5	93.6	98.6	100	100	100	100	100	94.5	93.7	88.3
>= .05	94.9	83.4	86.5	93.6	98.6	100	100	100	100	100	94.5	93.7	88.3
>= .09	94.8	83.4	86.4	93.6	98.6	100	100	100	100	100	94.5	93.7	88.2
>= .10	94.8	83.3	86.4	93.6	98.6	100	100	100	100	100	94.5	93.7	88.2
>= .20	94.0	80.6	85.0	93.5	98.4	100	100	100	100	100	93.4	92.9	85.0
>= .40	92.3	72.9	82.1	92.4	98.1	100	100	100	100	99.4	91.8	89.5	82.4
>= .60	91.1	69.7	80.3	90.5	97.8	99.8	100	100	100	98.5	91.0	86.3	80.1
>= .90	89.7	65.4	78.7	89.5	97.6	98.9	100	100	100	97.3	89.8	83.4	76.5
>= 1.40	88.1	60.1	77.3	89.0	97.4	98.2	100	100	100	96.4	89.0	79.4	71.7
>= 2.30	85.9	53.2	75.2	88.8	96.6	98.0	100	100	100	95.0	87.3	74.1	63.9
>= 3.60	83.9	48.7	74.0	88.7	95.5	98.0	100	100	99.9	94.3	84.2	69.0	56.2
>= 5.60	81.1	43.8	70.4	88.0	94.4	97.6	100	100	99.6	91.8	79.1	62.2	47.9
>= 8.90	77.9	38.8	68.4	87.0	92.0	97.2	100	100	99.0	87.9	70.7	54.3	41.0
>= 14.00	73.8	34.2	63.6	84.9	91.0	95.9	99.6	100	96.4	80.5	61.5	44.2	35.3
>= 22.00	68.8	28.3	56.7	79.4	88.4	93.9	99.3	100	93.0	69.8	52.2	35.8	29.2
>= 35.00	63.8	22.4	51.6	72.9	84.6	92.3	99.1	99.8	87.5	60.3	43.8	29.3	24.3
>= 55.00	58.3	17.1	44.1	63.2	79.7	89.9	97.7	97.0	78.6	52.6	37.9	23.5	20.1
>= 86.00	50.9	12.9	35.9	54.7	72.6	83.7	92.5	89.1	64.6	43.0	30.6	17.8	15.9
>= 140.00	41.6	9.0	27.0	44.6	62.2	73.1	84.8	75.0	46.2	32.9	22.4	12.8	11.8
>= 210.00	33.1	6.5	21.0	37.5	50.3	59.3	71.5	57.1	34.4	25.7	17.1	9.5	9.0
>= 340.00	24.7	4.9	15.9	29.9	39.3	45.5	55.3	40.4	24.7	18.0	11.9	6.5	5.9
>= 530.00	18.6	3.8	12.2	23.0	30.8	34.3	41.8	30.8	17.7	12.9	8.4	4.6	3.7
>= 840.00	13.4	2.4	9.2	16.5	23.2	25.2	30.3	21.9	12.6	9.0	5.2	2.9	2.8
>= 1300.00	9.7	1.7	6.8	12.4	16.7	19.2	21.8	15.5	9.6	6.5	3.7	1.5	1.7
>= 2100.00	6.5	1.3	4.3	9.0	11.8	13.0	14.4	10.5	6.3	4.5	2.1	.8	1.0
>= 3300.00	4.1	.8	2.5	5.1	7.5	8.3	9.9	7.0	3.7	2.5	1.1	.5	.5
>= 5200.00	2.3	.2	1.2	2.7	4.1	5.4	5.9	4.0	2.0	1.1	.5	.2	.4
>= 8200.00	.9		.5	.91	.7	2.3	3.01	.7	.7	.3	.2		.1
>= 13000.00	.3			.2	.5	1.1	1.2	.5	.3				
>= 20000.00	.1						.5	.2	.1				
>= 32000.00							.1						

STATION 03292460 HARRODS CREEK NEAR LAGRANGE, KY. 1968-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= .01	99.4	100	100	100	100	100	100	100	100	98.5	100	99.7	95.2
>= .02	99.4	100	100	100	100	100	100	100	100	98.2	100	99.7	95.2
>= .04	99.2	99.0	100	100	100	100	100	100	100	97.9	100	98.8	94.2
>= .06	99.0	98.7	100	100	99.4	100	100	100	100	97.6	99.7	98.5	93.9
>= .08	98.9	98.1	100	100	99.4	100	100	100	100	97.0	99.7	98.5	93.9
>= .10	98.6	96.5	100	100	99.4	100	100	100	100	96.7	99.4	97.7	93.6
>= .20	97.3	92.3	100	100	97.4	100	100	100	100	95.2	99.4	96.2	86.7
>= .30	96.6	90.3	100	99.7	97.4	100	100	100	100	95.2	99.4	92.4	84.8
>= .40	95.5	87.1	100	99.7	97.4	100	100	100	99.7	94.8	97.4	87.4	82.1
>= .50	94.1	83.2	99.3	98.5	97.1	100	100	100	99.4	93.9	97.1	85.9	74.8
>= .80	86.9	66.5	98.7	97.1	95.0	100	100	100	97.7	91.5	78.6	71.8	45.5
>= 1.10	81.2	58.1	88.7	94.4	93.0	100	100	100	95.9	85.8	63.3	59.8	34.8
>= 1.60	73.4	41.3	71.3	92.4	91.2	99.0	100	99.1	91.5	73.6	49.0	46.0	25.2
>= 2.30	68.8	36.5	63.0	88.9	90.9	97.7	100	96.4	85.9	63.6	40.5	39.9	20.6
>= 3.30	64.2	31.0	55.7	85.3	90.9	95.8	99.4	94.5	79.2	53.9	31.4	34.3	16.4
>= 4.70	59.2	26.8	51.0	82.1	83.9	90.7	95.0	90.3	72.4	45.8	26.4	29.6	13.9
>= 6.70	53.4	21.3	43.7	76.8	75.4	86.8	90.0	82.4	64.8	38.5	23.2	25.2	11.2
>= 9.60	47.2	17.1	38.0	67.7	67.2	81.0	83.3	70.9	57.5	33.6	19.9	19.9	8.2
>= 14.00	40.1	13.9	31.7	60.4	58.9	63.3	76.5	58.8	49.6	27.9	14.7	17.0	6.4
>= 20.00	32.8	11.0	24.7	51.3	50.7	48.6	66.3	46.1	39.0	23.3	11.1	13.5	5.2
>= 29.00	25.4	9.0	19.0	39.9	39.3	37.3	51.0	36.1	29.0	17.3	9.1	11.4	4.2
>= 41.00	19.3	6.8	14.3	30.5	29.3	27.0	38.4	27.9	23.5	13.3	6.5	9.7	2.7
>= 59.00	14.3	5.5	11.7	21.4	20.5	18.6	29.6	21.5	15.5	10.0	5.3	8.5	2.1
>= 85.00	10.3	4.1	8.0	14.0	13.4	13.1	21.7	15.7	11.4	7.8	4.9	7.0	1.8
>= 120.00	7.6	2.2	6.0	10.2	9.6	9.3	16.4	11.5	8.7	6.6	3.8	5.5	.9
>= 170.00	5.8	1.2	4.6	8.2	7.6	7.3	10.5	10.3	7.6	4.8	2.3	4.1	.3
>= 250.00	4.3	1.2	3.6	5.2	5.8	5.1	8.7	7.8	5.5	3.3	1.4	3.2	.3
>= 360.00	2.4	.6	2.3	2.3	2.9	2.5	4.9	6.3	2.3	1.8	.5	1.7	.3
>= 520.00	1.4	.3	1.3	.8	1.4	1.6	3.5	3.6	1.7	1.5	.2	.8	
>= 740.00	.7	.3		.5	.8	.9	1.4	1.8	1.1	1.2			
>= 1100.00	.2	.3		.2		.6	.2	.6		.3			
>= 1500.00						.3		.3					

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	98.1	97.2	100	100	100	100	99.7	99.5	100	100	98.8	96.2	86.8
>= .01	98.1	97.2	100	100	100	100	99.7	99.5	100	100	98.8	96.2	86.8
>= .02	98.1	97.2	100	100	100	100	99.6	99.5	100	100	98.8	96.2	86.8
>= .04	98.1	97.2	100	100	100	100	99.2	99.4	100	100	98.8	96.2	86.8
>= .05	98.0	97.2	100	100	100	100	99.1	99.2	100	100	98.8	96.2	86.8
>= .08	98.0	97.2	100	100	100	100	99.1	98.7	100	100	98.8	96.2	86.8
>= .10	98.0	97.2	100	100	100	100	99.0	98.7	100	100	98.8	96.2	86.8
>= .20	96.9	91.7	98.5	100	100	100	98.8	98.7	100	100	98.6	93.1	84.6
>= .30	95.7	88.5	98.4	100	100	100	98.7	98.7	100	100	97.8	88.1	79.8
>= .50	92.7	80.3	95.2	100	100	100	98.6	98.6	100	98.4	94.5	80.0	69.1
>= .70	88.6	67.4	89.3	98.8	100	100	98.6	98.6	99.8	94.8	87.6	70.7	61.5
>= 1.00	84.0	56.6	81.2	95.7	98.5	100	98.6	98.6	99.4	91.8	77.4	62.2	52.3
>= 1.40	78.9	47.7	70.4	90.7	96.9	99.9	98.6	98.1	96.2	87.3	69.8	55.3	40.5
>= 2.10	72.0	34.6	60.1	86.8	94.1	99.0	98.6	96.1	92.6	76.4	57.8	44.4	29.3
>= 2.90	66.0	25.2	53.2	80.3	90.2	96.9	97.9	94.6	87.6	66.8	45.9	37.5	23.5
>= 4.20	58.6	18.6	42.9	68.4	86.7	96.0	96.1	87.1	79.4	51.4	37.2	30.0	17.2
>= 6.00	51.6	12.9	33.3	58.2	81.9	91.1	92.4	80.8	67.7	42.9	29.6	23.8	12.8
>= 8.60	44.4	9.4	26.8	50.8	72.8	81.3	86.5	73.1	54.2	34.4	23.7	19.0	9.0
>= 12.00	38.6	7.6	21.9	44.4	64.4	71.9	82.2	65.7	43.4	27.8	18.8	15.1	7.2
>= 17.00	30.8	5.9	16.4	35.1	51.9	58.8	72.0	52.5	30.5	22.8	14.2	10.9	5.2
>= 25.00	21.9	4.3	10.5	24.0	38.2	43.6	54.7	35.7	21.2	15.6	8.4	7.5	3.5
>= 36.00	14.8	3.0	7.1	15.6	25.3	32.7	38.7	22.5	12.9	10.0	6.0	5.6	2.0
>= 51.00	9.6	2.1	4.8	9.7	16.3	21.8	25.5	13.6	8.1	6.6	4.2	3.9	1.1
>= 73.00	6.0	1.3	3.2	6.6	10.7	13.4	14.5	7.9	5.1	4.4	2.7	2.6	.4
>= 100.00	3.8	.7	2.0	3.2	7.3	9.0	8.7	5.6	3.5	3.2	1.7	1.7	
>= 150.00	2.4	.2	1.4	1.2	4.7	6.0	5.6	3.5	2.1	2.0	1.3	1.1	
>= 210.00	1.2	.2	.5	.6	2.4	3.1	3.2	2.8	.9	.6	.5	.4	
>= 300.00	.7	.1	.4	.5	1.0	1.9	1.6	1.6	.6	.3	.3	.1	
>= 430.00	.3	.1		.1	.3	.7	.5	.7	.4	.3	.2		
>= 620.00	.1	.1				.2	.3	.3	.3	.1	.3		
>= 880.00		.1						.1	.3	.1	.1		
>= 1300.00											.1		

STATION 03293000 MIDDLE FORK BEARGRASS CREEK AT LOUISVILLE, KY. 1945-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .10	99.6	99.0	100	100	100	100	100	100	100	100	99.9	98.6	97.4
>= .20	99.1	96.4	99.7	99.9	100	100	100	100	100	100	99.3	98.3	95.3
>= .30	98.8	96.1	99.0	99.9	100	100	100	100	100	99.9	98.8	97.9	94.2
>= .40	98.5	95.0	98.0	99.9	100	100	100	100	100	99.8	98.2	97.5	93.9
>= .60	97.7	91.7	96.3	99.9	100	100	100	100	100	99.1	97.1	96.0	92.2
>= .80	96.6	89.1	93.8	98.6	100	100	100	100	100	98.4	96.5	94.5	88.6
>= 1.00	95.7	86.5	92.2	98.3	99.5	100	100	100	100	98.2	95.5	93.4	85.1
>= 1.40	92.9	81.3	86.6	95.6	98.8	100	100	100	99.4	96.5	92.3	86.6	77.9
>= 1.80	90.4	74.1	83.0	94.5	98.7	99.7	100	100	99.2	94.2	89.0	80.2	72.2
>= 2.50	84.8	60.1	76.8	91.3	98.7	99.0	99.7	99.9	98.1	89.3	80.6	68.5	56.5
>= 3.30	79.0	47.5	68.6	86.2	97.7	98.2	98.8	99.1	97.3	81.8	71.3	56.4	46.0
>= 4.40	72.6	37.1	62.2	78.7	95.2	96.7	96.6	98.4	92.8	72.4	59.1	47.4	36.2
>= 5.90	64.8	27.4	52.6	70.2	88.7	94.3	94.6	97.0	82.7	60.4	48.0	36.1	27.2
>= 7.90	56.3	19.3	41.5	59.8	80.4	86.9	94.1	92.8	69.1	48.9	37.9	27.5	19.8
>= 11.00	47.9	13.5	32.5	52.0	71.8	80.6	91.1	79.9	56.6	36.5	27.9	20.6	14.2
>= 14.00	41.2	10.1	24.8	45.4	63.9	73.5	85.8	67.5	46.1	29.9	22.6	16.2	11.1
>= 19.00	32.8	6.5	17.6	37.7	49.3	61.5	76.0	54.1	34.7	21.0	17.2	12.0	7.0
>= 25.00	25.4	4.7	12.2	28.8	38.9	47.3	64.4	41.7	25.5	15.8	13.0	8.4	4.9
>= 34.00	18.3	3.3	7.9	20.7	28.1	35.6	47.8	29.2	18.0	11.9	8.4	5.9	3.1
>= 45.00	13.1	2.6	5.9	13.9	19.2	27.9	34.8	20.2	12.1	8.5	5.8	4.8	1.9
>= 61.00	8.8	1.8	3.6	8.4	13.3	18.8	24.1	13.4	8.1	6.1	4.2	3.3	1.2
>= 81.00	6.0	.9	2.3	5.2	9.9	13.2	16.1	8.6	5.7	4.0	2.5	2.7	.9
>= 110.00	3.9	.7	1.5	3.4	6.4	8.3	10.6	5.6	3.7	2.6	2.3	1.4	.5
>= 140.00	2.6	.3	1.0	1.7	4.7	6.0	7.4	4.3	2.9	1.4	1.1	.9	.2
>= 190.00	1.8	.2	.7	1.1	3.4	4.1	4.6	3.0	2.1	1.0	.7	.2	.2
>= 260.00	1.1		.3	.5	1.9	2.5	2.9	2.4	1.1	.6	.5		.1
>= 350.00	.6		.2	.2	.7	1.3	1.5	1.4	.7	.3	.2		.1
>= 460.00	.3			.2	.3	.6	.6	.6	.4	.2	.1		
>= 620.00	.1					.3	.3	.5	.2				
>= 830.00						.1			.2				

STATION 03294500 OHIO RIVER AT LOUISVILLE, KY. 1928-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 2100	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 2500	100	100	100	100	100	100	100	100	100	100	100	99.9	100
>= 3100	99.9	100	100	100	100	100	100	100	100	100	99.7	99.6	100
>= 3700	99.9	99.5	100	100	100	100	100	100	100	100	99.7	99.4	100
>= 4500	99.7	98.9	99.5	100	100	100	100	100	100	100	99.6	99.1	99.6
>= 5400	99.5	97.9	99.0	99.9	100	100	100	100	100	100	99.5	98.6	98.6
>= 6600	99.0	96.2	98.3	99.6	100	100	100	100	100	100	99.2	98.0	96.5
>= 7900	98.3	93.2	97.3	99.4	99.9	100	100	100	100	99.8	98.5	97.4	93.6
>= 9600	96.6	88.2	95.3	99.0	99.8	99.6	100	100	100	99.5	97.3	94.6	86.3
>= 12000	94.1	79.5	92.6	98.6	99.7	99.5	100	100	100	98.0	94.3	90.2	76.7
>= 14000	91.9	72.3	90.7	98.0	99.4	99.4	100	100	99.9	97.1	92.2	85.1	68.9
>= 17000	88.4	62.2	85.9	96.6	98.6	99.4	100	100	99.6	95.5	87.6	78.6	57.5
>= 20000	85.4	55.5	82.5	95.1	97.5	99.1	100	100	99.1	93.1	82.6	72.3	49.6
>= 25000	80.7	45.2	76.1	90.8	95.5	98.0	100	100	98.0	88.5	75.9	61.4	39.8
>= 30000	75.7	35.5	66.9	86.5	93.5	96.8	99.8	100	96.2	83.3	67.6	50.7	32.6
>= 36000	69.4	26.5	57.4	80.8	90.8	94.1	99.4	99.8	92.2	73.3	56.2	40.7	23.9
>= 44000	63.1	19.6	47.3	71.6	87.5	91.9	98.5	99.3	85.5	65.2	45.4	31.1	16.9
>= 53000	57.3	15.7	37.0	65.5	82.2	87.8	96.8	97.1	79.3	56.0	36.6	24.0	12.5
>= 64000	52.0	11.0	29.3	59.9	75.0	83.9	95.5	94.0	73.2	47.1	29.3	18.2	9.9
>= 77000	46.6	7.2	24.6	54.1	69.7	78.0	92.4	89.3	66.3	37.4	23.0	13.7	6.2
>= 93000	41.2	4.9	19.5	46.0	64.1	72.5	88.5	84.6	59.0	28.6	16.1	10.1	4.0
>= 110000	36.8	3.5	16.3	40.1	57.1	66.6	83.5	79.6	53.0	23.3	11.9	6.5	3.2
>= 140000	29.8	2.3	10.9	30.1	48.7	57.9	74.6	70.1	39.8	15.1	5.3	3.4	1.9
>= 160000	25.1	1.6	7.3	24.7	42.9	50.4	67.2	60.0	31.1	11.1	3.6	2.4	1.4
>= 200000	18.2	.9	3.1	15.4	32.4	39.0	54.5	44.6	19.4	6.5	2.1	1.3	.7
>= 240000	13.2	.5	.8	9.9	24.1	30.4	43.4	32.2	14.1	3.0	1.3	.5	.3
>= 290000	8.9	.1	.4	5.0	16.0	21.6	32.4	21.1	9.5	1.2	.8		
>= 350000	5.3		.1	2.9	8.8	14.3	21.8	10.9	5.7	.3	.3		
>= 430000	2.9			1.0	5.0	7.0	14.7	5.2	2.8	.1			
>= 510000	1.3			.4	2.4	2.4	8.0	2.0	1.0	.1			
>= 620000	.2				.7	.3	2.0	.3					
>= 750000	.1				.6	.2	.5						
>= 910000					.5								
>= 1100000					.1								

STATION 03295000 SALT RIVER NEAR HARRODSBURG, KY. 1953-1973

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	92.3	81.0	86.0	91.2	97.7	100	100	100	99.2	95.9	94.3	86.8	76.3
>= .02	92.3	80.6	86.0	91.2	97.7	100	100	100	99.2	95.9	94.3	86.8	75.6
>= .03	92.1	80.3	86.0	91.2	97.7	100	100	100	99.2	95.9	94.3	86.8	74.0
>= .04	92.0	79.7	85.7	91.2	97.7	100	100	100	99.2	95.9	94.3	86.0	74.0
>= .06	91.6	78.2	85.1	91.2	97.7	100	100	100	99.2	95.9	94.3	84.9	73.2
>= .09	91.1	77.1	82.5	91.2	97.7	100	100	100	99.2	95.9	94.3	84.0	72.1
>= .10	91.0	77.0	81.9	91.2	97.7	100	100	100	99.2	95.9	94.3	83.7	71.7
>= .20	87.2	64.2	72.9	90.5	97.5	100	100	100	99.2	94.8	91.9	77.7	58.3
>= .30	83.7	53.0	69.4	88.8	97.5	100	100	100	98.8	93.2	87.7	65.6	50.8
>= .50	78.1	40.7	57.0	84.2	97.5	100	100	100	97.5	87.9	76.8	57.6	38.7
>= .70	74.9	32.6	52.5	83.4	97.5	99.8	100	100	95.7	81.3	70.7	52.4	33.7
>= 1.00	72.3	25.7	50.3	82.8	97.4	99.7	100	100	94.2	76.8	64.1	48.2	29.7
>= 1.40	69.3	19.4	47.3	81.7	97.4	99.2	100	99.8	90.9	70.0	59.1	43.3	25.4
>= 2.10	64.7	13.4	41.0	79.3	97.2	98.3	99.8	97.5	86.0	60.8	51.2	33.9	19.5
>= 3.10	60.0	10.4	36.8	77.3	92.6	97.1	99.4	93.8	79.1	53.5	42.4	26.0	13.8
>= 4.60	54.4	7.4	32.2	72.0	90.0	94.6	96.2	87.8	67.6	43.8	34.9	19.7	9.2
>= 6.70	49.2	5.2	28.3	65.9	86.3	92.1	93.1	80.5	55.1	34.6	29.5	15.5	6.7
>= 9.90	43.8	4.1	22.5	57.6	80.5	90.6	90.6	70.0	43.9	25.6	25.3	12.0	4.9
>= 14.00	38.8	2.8	18.9	49.5	72.8	84.1	83.7	62.2	37.9	19.8	22.1	9.5	4.1
>= 21.00	31.4	2.0	14.3	40.9	59.4	71.0	71.0	50.0	28.3	14.9	16.7	7.5	3.2
>= 31.00	24.7	1.7	10.3	33.3	44.1	56.3	55.5	39.8	22.0	12.1	14.1	5.7	2.7
>= 46.00	18.7	.9	7.1	26.3	30.6	43.8	43.3	31.1	16.7	9.0	12.0	3.5	1.7
>= 67.00	13.2	.6	4.8	18.9	20.4	30.2	30.7	21.7	12.7	6.5	9.2	2.6	1.0
>= 99.00	9.1	.4	3.6	13.6	14.4	19.7	20.5	15.0	9.5	4.7	5.9	1.8	.7
>= 150.00	6.5	.3	2.8	10.1	10.5	13.1	14.2	11.2	7.2	3.4	3.5	1.2	.4
>= 210.00	4.7	.3	1.9	7.5	7.5	9.7	9.5	8.7	5.5	2.0	2.4	.9	.3
>= 310.00	3.2	.3	1.4	5.2	5.0	7.4	7.0	5.2	3.9	1.4	1.6	.6	
>= 460.00	2.2	.3	.7	3.6	3.8	5.3	5.0	3.9	2.3	.9	.6	.3	
>= 680.00	1.5	.3	.7	2.4	2.6	3.5	3.0	2.6	1.5	.7	.4		
>= 990.00	.8	.1	.4	1.0	.6	2.0	1.9	1.5	1.0	.1			
>= 1500.00	.3		.1	.3	.4	1.0	.7	1.1	.4	.1			
>= 2100.00			.1		.1	.1		.4					
>= 3200.00								.1					

STATION 03295500 SALT RIVER NEAR VAN BUREN, KY. 1939-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .10	95.0	79.4	92.6	97.5	99.9	100	100	100	100	100	98.1	91.7	80.7
>= .20	94.6	78.1	92.3	97.5	99.9	100	100	100	100	100	97.5	90.5	79.3
>= .30	94.1	77.3	92.3	97.5	99.9	100	100	100	100	99.8	96.9	88.7	76.8
>= .40	93.6	76.9	91.5	97.5	99.9	99.4	100	100	100	99.5	96.5	87.3	75.3
>= .60	92.6	74.4	90.8	97.5	99.8	98.7	100	100	99.8	98.9	94.8	84.7	72.3
>= .80	92.0	73.0	90.3	97.5	99.7	98.7	100	100	99.8	98.8	94.0	82.3	70.7
>= 1.10	91.0	70.2	88.9	97.3	99.0	98.7	100	100	99.8	98.6	92.9	79.4	68.3
>= 1.60	89.2	64.4	84.8	96.9	98.4	98.7	100	100	99.5	96.6	91.0	76.2	65.1
>= 2.20	87.3	58.2	80.4	96.0	98.2	98.7	100	100	99.4	94.8	89.5	72.3	60.4
>= 3.20	84.7	52.1	74.8	92.6	98.1	98.7	100	100	99.2	91.5	86.0	68.1	55.7
>= 4.50	81.8	45.3	69.9	90.7	97.0	98.7	100	100	99.0	87.7	81.5	63.4	49.5
>= 6.30	78.6	40.2	63.5	89.7	96.0	98.7	100	100	97.3	81.4	75.5	56.9	44.5
>= 9.00	74.5	33.1	59.1	85.9	95.2	98.7	100	100	93.2	75.6	67.2	50.9	37.1
>= 13.00	70.3	28.1	55.3	80.5	94.0	98.1	100	99.4	87.7	68.2	58.9	44.6	30.3
>= 18.00	65.9	23.3	49.0	77.0	93.1	97.1	99.5	98.0	80.6	60.4	51.2	39.1	24.1
>= 25.00	61.0	18.3	44.1	71.9	91.0	95.8	98.5	96.3	69.6	51.8	44.0	33.8	19.3
>= 36.00	56.0	14.2	39.1	66.6	88.5	92.8	96.5	93.1	60.4	43.3	37.0	27.6	15.5
>= 50.00	50.7	11.1	35.3	59.8	85.0	90.5	94.0	83.6	50.9	35.1	31.4	22.2	12.6
>= 71.00	44.4	8.0	29.1	54.8	78.0	84.4	88.4	70.3	40.6	27.4	25.4	18.3	10.0
>= 100.00	37.3	5.7	23.5	48.4	66.8	73.5	77.5	57.2	32.6	21.1	20.5	13.9	8.4
>= 140.00	30.0	4.2	17.8	38.7	55.0	61.2	65.0	46.3	25.8	15.5	15.7	10.6	6.5
>= 200.00	23.5	3.3	13.8	31.0	42.7	49.8	51.9	36.1	19.5	11.9	11.3	8.0	4.6
>= 280.00	18.4	2.7	10.5	24.3	33.3	39.7	41.1	27.5	15.2	9.3	8.0	6.0	3.8
>= 400.00	13.4	2.0	7.9	18.3	25.4	29.1	30.7	19.5	11.0	6.6	5.7	3.9	2.2
>= 570.00	9.8	1.2	6.0	14.2	19.4	21.9	22.6	13.5	7.1	4.6	3.9	3.1	1.2
>= 800.00	7.3	.9	4.7	10.4	14.5	16.9	16.7	9.8	5.6	3.2	2.6	1.8	.7
>= 1100.00	5.3	.6	3.3	7.6	10.8	11.3	12.1	7.4	4.5	2.2	1.8	1.4	.4
>= 1600.00	3.3	.3	2.1	4.4	6.4	7.6	8.5	4.5	2.9	1.5	1.1	.8	.1
>= 2300.00	1.9	.3	.8	2.5	3.9	4.2	5.5	3.0	1.5	.8	.4	.4	
>= 3200.00	1.1	.2	.4	1.6	2.0	3.0	3.1	1.8	.8	.5		.2	
>= 4500.00	.5		.2	.6	.9	1.9	1.6	.9	.2	.2			
>= 6400.00	.2			.2	.1	.8	.5	.3	.2				

STATION 03296000 PLUM CREEK SUBWATERSHED #4 NEAR SIMPSONVILLE, KY. 1954-1964

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	69.0	23.7	65.2	83.9	92.8	100	100	100	85.5	71.0	53.9	41.6	17.0
>= .02	63.3	20.8	65.2	82.8	92.5	100	100	100	81.0	66.7	45.5	38.4	11.3
>= .03	65.4	18.6	65.2	81.4	92.5	100	100	100	78.7	65.3	44.2	37.4	10.3
>= .04	64.4	17.9	65.2	80.3	92.5	100	100	99.7	76.1	62.3	42.6	36.5	9.3
>= .05	63.8	17.9	64.8	79.9	92.5	100	100	99.7	75.2	59.3	41.3	35.2	9.3
>= .07	61.9	16.5	63.7	78.9	92.5	100	100	98.7	70.3	54.3	38.1	32.9	7.7
>= .09	60.4	14.3	60.0	77.8	92.1	99.6	100	98.3	67.4	51.0	37.1	31.0	6.7
>= .10	59.5	13.6	58.5	77.8	91.0	99.2	100	97.7	64.5	49.0	36.5	30.3	6.0
>= .20	50.9	5.4	40.4	70.6	84.2	97.6	100	89.0	47.4	31.7	30.6	21.3	4.0
>= .30	46.5	3.6	34.1	64.5	81.0	92.9	99.3	82.0	38.7	25.7	26.5	18.1	3.3
>= .40	41.5	2.5	26.3	57.0	72.4	85.9	98.6	71.0	32.6	22.0	22.9	15.5	2.3
>= .60	35.5	1.8	17.4	46.6	63.1	77.3	95.0	58.7	25.5	19.7	19.4	10.6	1.7
>= .70	32.6	1.4	15.2	42.3	57.3	71.8	90.3	51.3	22.6	18.7	18.4	10.3	1.3
>= 1.00	27.1	1.1	9.6	34.1	46.6	67.5	81.0	40.0	17.1	14.7	14.5	6.8	1.3
>= 1.30	23.6	1.1	7.8	29.0	40.1	57.6	74.9	36.0	15.2	12.3	10.6	5.5	1.0
>= 1.80	18.3	.7	5.2	20.4	31.9	47.1	59.5	27.7	12.3	9.0	7.4	3.9	1.0
>= 2.30	14.7	.4	3.7	16.5	24.4	40.0	48.0	22.0	9.4	8.0	6.5	2.9	.7
>= 3.10	10.2	.4	3.0	11.5	16.1	28.2	31.9	15.7	6.8	6.0	4.2	1.9	.7
>= 4.20	6.9	.4	2.2	7.2	10.4	17.6	22.9	10.7	4.2	4.0	3.9	1.0	.3
>= 5.60	4.9	.4	2.2	4.7	7.9	13.7	15.1	7.0	3.5	3.0	2.3	1.0	
>= 7.40	3.8		2.2	4.3	5.7	11.0	11.1	4.3	2.2	2.3	1.9	.6	
>= 9.90	2.9		2.2	3.2	3.2	9.0	9.3	3.0	2.3	1.7	1.6	.6	
>= 13.00	2.2		1.5	1.4	2.9	6.7	7.2	2.3	2.3	1.7	1.3	.3	
>= 18.00	1.5		.7	1.0	1.4	5.0	5.3	1.6	1.6	1.0	.6	.3	
>= 23.00	1.2		.3	1.0	1.0	3.5	4.3	1.3	1.6	1.0	.3	.3	
>= 31.00	.8		.3	.3	1.0	2.7	3.5	1.0	.6	.6			
>= 42.00	.5		.3		.7	1.5	3.2	.3	.6	.3			
>= 56.00	.3		.3		.3		2.1	.3	.6	.3			
>= 74.00	.2						1.4	.3	.6	.3			
>= 99.00							.3		.6				
>= 130.00							.3		.3				

STATION 03296500 PLUM CREEK NEAR WILSONVILLE, KY. 1954-1961

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .04	88.9	74.2	95.7	100	100	100	100	100	100	88.1	90.8	69.6	48.1
>= .06	87.0	70.0	94.8	100	100	100	100	100	100	87.1	87.1	67.7	37.1
>= .09	87.0	70.0	94.8	100	100	100	100	100	100	87.1	87.1	67.7	37.1
>= .10	87.0	70.0	94.8	100	100	100	100	100	100	87.1	87.1	67.7	37.1
>= .20	79.7	47.0	85.2	100	100	100	100	100	98.6	78.1	70.5	57.6	19.5
>= .30	75.0	35.9	73.8	98.6	100	100	100	100	92.6	70.5	61.8	52.5	14.8
>= .40	72.7	32.3	67.1	97.2	99.1	100	100	100	90.3	67.6	58.5	47.5	13.8
>= .60	68.8	25.3	57.6	95.9	94.5	100	100	100	82.9	60.0	55.8	42.9	12.4
>= .80	65.9	17.5	53.3	92.2	92.2	100	100	100	78.8	56.7	53.0	36.9	11.9
>= 1.10	63.2	15.7	49.0	87.6	91.7	100	100	100	71.9	51.4	50.7	33.6	9.0
>= 1.50	61.5	12.9	47.6	85.7	91.7	100	100	100	66.8	49.0	46.5	31.3	8.1
>= 2.00	58.4	8.3	44.3	80.2	91.2	100	100	96.7	62.2	44.8	43.8	24.4	7.1
>= 2.80	55.0	6.5	37.6	75.6	90.8	100	100	93.8	55.3	41.0	40.1	15.7	6.2
>= 3.80	51.2	5.1	30.0	66.8	83.9	100	100	89.5	48.4	36.7	37.3	13.4	5.7
>= 5.20	47.0	4.1	26.7	58.1	77.0	97.0	98.6	84.8	42.4	30.5	33.6	9.7	4.8
>= 7.00	42.0	3.7	21.9	50.2	70.0	92.4	93.5	72.9	35.9	25.7	29.0	8.3	3.3
>= 9.60	36.3	3.2	20.5	41.9	60.8	84.3	84.3	60.5	26.3	21.4	24.9	6.5	3.3
>= 13.00	31.3	3.2	14.8	33.6	50.2	79.8	74.2	50.5	23.5	18.1	21.7	6.0	3.3
>= 18.00	24.1	1.4	10.5	26.3	39.2	67.2	55.3	37.6	17.5	14.3	15.2	5.1	2.4
>= 24.00	17.5	.5	8.1	18.0	25.3	50.0	39.2	28.1	13.4	12.4	11.5	3.7	1.9
>= 33.00	12.1	.5	5.2	12.4	15.2	33.3	27.6	18.6	10.1	10.5	8.8	2.8	1.4
>= 45.00	8.8		3.3	8.8	10.6	23.2	18.4	13.3	8.3	9.0	8.8	2.3	1.0
>= 61.00	6.6		2.9	6.0	7.8	17.7	13.4	9.0	6.9	7.1	6.5	1.8	.5
>= 83.00	5.0		2.8	4.6	5.5	14.1	10.1	6.6	5.0	4.2	5.0	1.8	
>= 110.00	4.1		2.8	4.6	5.0	13.6	6.4	4.7	4.1	3.3	4.6	1.3	
>= 150.00	3.1		1.9	3.2	4.6	10.6	5.0	3.3	3.2	1.9	3.2	.9	
>= 210.00	2.1		.9	2.3	2.3	7.5	3.6	2.8	1.8	1.9	2.3	.9	
>= 290.00	1.5		.4	1.3	1.8	6.0	2.3	2.3	1.8	.9	1.3	.4	
>= 390.00	1.0		.4	.4	1.3	4.0	1.8	1.4	1.3	.4	.4	.4	
>= 530.00	.5		.4		.9	1.5	1.3	.4	.9	.4			
>= 730.00	.3		.4		.4	.5	.4	.4	.9	.4			
>= 990.00	.1		.4					.4	.9	.4			
>= 1400.00								.4					

STATION 03296700 PLUM CREEK SUBWATERSHED #15 NEAR WILSONVILLE, KY. 1957-1961

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	81.7	57.3	94.2	100	100	100	100	100	98.1	63.3	70.3	55.5	50.7
>= .02	73.6	40.3	85.8	100	100	100	100	100	83.2	52.7	62.6	43.9	27.3
>= .03	68.8	32.3	74.2	100	100	100	100	100	72.9	42.0	55.5	40.0	22.0
>= .05	65.7	18.5	74.2	100	100	100	100	99.3	63.2	38.0	52.9	38.1	18.7
>= .06	64.8	15.3	73.3	100	100	100	100	98.7	61.3	38.0	51.6	36.1	18.0
>= .08	62.9	11.3	70.8	100	100	100	100	97.3	57.4	32.0	49.0	34.8	16.7
>= .10	60.9	8.9	68.3	100	100	100	100	94.0	54.2	28.0	45.8	32.3	15.3
>= .20	52.3	3.2	53.3	86.3	92.7	91.2	97.4	82.0	38.7	22.0	37.4	28.4	9.3
>= .30	44.7	2.4	45.8	78.2	83.1	83.2	94.2	74.7	32.9	18.7	24.5	7.1	7.3
>= .40	38.8	1.6	40.0	66.9	74.2	77.9	82.6	62.0	27.1	16.0	19.4	6.5	6.7
>= .60	31.3	1.6	28.3	48.4	56.5	73.5	66.5	50.7	22.6	13.3	15.5	5.8	5.3
>= .70	28.4	.8	25.0	41.1	54.0	68.1	58.7	46.7	20.0	12.7	14.8	5.2	5.3
>= 1.00	21.9	.8	20.0	29.8	37.1	54.0	42.6	38.7	16.8	10.7	12.9	3.2	4.7
>= 1.30	17.7	.8	15.0	22.6	29.8	41.6	32.9	31.3	14.2	10.0	12.3	3.2	4.7
>= 1.60	14.6		14.2	18.5	21.0	33.6	28.4	25.3	11.6	9.3	11.0	2.6	3.3
>= 2.10	10.7		10.8	10.5	16.9	24.8	19.4	17.3	9.7	6.7	9.0	2.6	3.3
>= 2.80	8.2		8.3	9.7	11.3	18.6	14.8	12.0	7.7	6.7	7.1	2.6	1.3
>= 3.70	7.0		7.5	7.3	8.9	15.0	12.3	9.3	7.1	6.7	7.1	2.6	1.3
>= 4.80	5.4		5.0	7.3	6.5	10.6	9.0	8.0	7.1	4.0	5.8	1.9	.7
>= 6.30	3.9		4.2	5.6	5.6	9.7	4.5	4.7	4.5	2.7	3.9	1.9	.7
>= 8.30	3.0		3.3	4.0	4.8	7.1	3.2	3.3	3.9	2.0	3.2	1.9	.7
>= 11.00	2.3		2.5	3.2	3.2	5.3	3.2	3.3	2.6	2.0	1.9	1.3	
>= 14.00	2.0		2.5	2.4	2.4	5.3	1.9	2.7	2.6	2.0	1.9	.6	
>= 18.00	1.4		.8	1.6	2.4	3.5	1.9	2.0	1.9	1.3	1.9	.6	
>= 24.00	1.0		.8	.8	2.4	2.6	.6	1.3	1.9	.6	1.9		
>= 32.00	.7		.8		1.6		.6	.6	1.9	.6	1.9		
>= 41.00	.5		.8		1.6			.6	1.2	.6	1.2		
>= 54.00	.3		.8					.6	1.2	.6	.6		
>= 71.00	.1								.6		.6		

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	79.5	69.4	100	100	100	100	100	100	97.6	78.0	68.4	41.3	26.7
>= .02	74.5	58.1	93.3	100	100	100	100	100	91.1	72.0	57.4	32.3	20.0
>= .03	68.2	37.1	76.7	100	100	100	100	100	86.3	59.3	45.8	27.7	17.3
>= .04	65.4	29.8	76.7	100	100	100	100	100	79.8	50.7	41.3	24.5	16.0
>= .05	61.2	21.8	74.2	98.4	100	100	100	98.3	63.7	38.0	37.4	23.9	14.0
>= .07	58.4	18.5	68.3	94.4	100	100	100	96.7	57.3	33.3	34.8	2.9	10.7
>= .09	54.6	12.9	60.8	87.1	96.8	100	100	93.3	49.2	30.7	31.6	19.4	8.7
>= .10	52.7	10.5	58.3	84.7	95.2	100	100	90.0	46.8	28.7	30.3	14.8	8.0
>= .20	41.7	4.0	35.8	62.9	76.6	89.4	94.4	70.0	39.5	20.0	23.2	9.0	5.3
>= .30	35.2	4.0	26.7	47.6	69.4	77.9	81.5	56.7	34.7	17.3	21.9	7.1	3.3
>= .40	30.1	4.0	22.5	40.3	51.6	63.7	75.0	50.0	29.8	15.3	20.0	5.8	3.3
>= .50	25.3	3.2	19.2	27.4	41.1	57.5	66.1	45.0	25.0	12.0	18.1	3.9	2.7
>= .60	20.6	3.2	14.2	22.6	33.9	48.7	55.6	35.8	17.7	11.3	14.2	1.9	2.7
>= .80	15.5	3.2	12.5	20.2	22.6	36.3	36.3	27.5	12.9	10.0	11.0	1.3	2.7
>= 1.00	11.7	2.4	11.7	12.9	17.7	23.9	28.2	20.0	12.1	8.0	9.0	1.3	1.3
>= 1.30	9.1	2.4	8.3	9.7	11.3	21.2	22.6	14.2	8.1	6.0	8.4	1.3	1.3
>= 1.60	7.8	2.4	7.5	8.9	9.7	16.8	19.4	10.0	6.5	5.3	8.4	1.3	1.3
>= 2.10	5.9	2.4	7.5	7.3	8.9	10.6	11.3	7.5	6.5	4.0	6.5	.6	.7
>= 2.70	4.5	1.6	5.8	5.6	5.6	8.8	7.3	6.7	5.6	3.3	5.2	.6	.7
>= 3.50	4.0	.8	4.2	5.6	4.8	8.8	6.5	5.8	4.8	3.3	4.5	.6	
>= 4.50	3.1		4.2	4.0	4.8	6.2	3.2	4.2	4.0	3.3	3.9	.6	
>= 5.80	2.5		3.3	4.0	3.2	5.3	3.2	1.7	4.0	2.7	2.6	.6	
>= 7.50	1.8		1.7	1.6	2.4	3.5	2.4	1.7	4.0	2.0	2.6	.6	
>= 9.00	1.5		.8	.8	2.4	3.5	2.4	1.6	3.2	2.0	1.9	.6	
>= 13.00	1.0		.8		2.4	1.7	1.6	.8	2.4	1.3	1.2		
>= 16.00	.6		.8		1.6		1.6	.8	2.4	.6	.6		
>= 21.00	.4		.8		.8		.8		2.4	.6			
>= 27.00	.2		.8						1.6	.6			
>= 35.00	.2		.8						1.6	.6			
>= 45.00	.1								.8	.6			

STATION 03297000 LITTLE PLUM CREEK NEAR WATERFORD, KY. 1954-1961

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	91.7	93.5	99.5	100	100	100	100	100	100	93.8	80.2	69.1	65.2
>= .02	87.3	86.2	99.0	100	100	100	100	100	100	84.8	77.9	52.5	47.1
>= .03	85.9	83.9	97.6	100	100	100	100	100	99.1	81.9	75.1	48.8	45.2
>= .05	84.1	78.3	93.3	100	100	100	100	100	97.7	80.5	73.3	46.1	40.5
>= .07	82.6	72.8	92.9	100	100	100	100	100	96.8	75.7	70.5	45.2	38.1
>= .09	82.0	71.0	92.9	100	100	100	100	100	95.4	74.3	67.7	45.2	38.1
>= .10	82.0	71.0	92.9	100	100	100	100	100	95.4	74.3	67.7	45.2	38.1
>= .20	71.7	42.9	79.5	97.2	96.3	100	100	100	89.4	60.0	48.4	30.4	17.6
>= .30	66.6	32.7	69.0	95.4	94.5	100	100	100	80.2	47.6	43.3	24.4	14.3
>= .40	62.4	23.0	61.4	94.0	91.7	100	100	99.0	69.1	38.1	40.6	20.7	13.3
>= .50	59.4	16.6	53.8	93.5	91.7	100	100	99.0	63.1	33.8	37.3	16.1	10.0
>= .70	56.5	13.4	49.5	87.1	91.7	100	100	98.6	56.2	28.6	33.6	12.4	9.0
>= 1.00	51.9	9.2	44.3	75.1	86.2	99.0	99.5	93.8	46.1	26.2	29.5	8.3	8.1
>= 1.30	47.0	7.8	33.8	67.3	80.6	92.9	94.9	88.1	38.7	24.3	24.9	6.9	6.7
>= 1.80	42.8	6.5	28.1	61.3	72.4	88.4	90.3	80.5	33.6	21.4	23.0	5.1	6.2
>= 2.50	35.9	5.1	22.4	47.5	58.5	84.8	79.3	63.8	25.8	18.6	19.4	3.7	5.2
>= 3.50	30.4	4.6	17.1	37.8	50.7	77.3	69.6	51.0	19.4	16.2	16.1	3.2	4.8
>= 4.90	23.1	3.7	13.3	27.6	35.0	62.1	52.5	36.7	15.7	13.3	12.9	3.2	3.8
>= 6.80	16.8	3.7	9.5	19.8	24.0	42.9	36.4	25.7	12.9	10.5	11.1	2.8	3.8
>= 9.40	11.8	2.8	7.1	13.8	15.7	29.3	26.3	15.7	9.7	8.1	9.2	2.3	2.9
>= 13.00	8.9	2.8	6.2	10.6	10.1	21.7	17.5	11.9	7.4	7.6	7.8	2.3	1.9
>= 18.00	6.5	1.4	4.3	7.4	7.8	17.2	12.0	7.1	6.5	5.7	6.5	.9	1.4
>= 25.00	5.2		3.8	6.9	5.5	15.2	9.2	5.7	5.1	5.2	4.6	.5	.4
>= 35.00	4.0		2.8	5.0	5.0	12.6	5.9	5.7	3.2	3.3	4.1	.4	.9
>= 48.00	2.9		1.9	3.2	4.6	10.1	4.1	3.8	2.3	1.9	3.2	.4	
>= 66.00	2.1		.9	2.7	3.2	7.5	3.6	2.3	2.3	1.4	2.3		
>= 92.00	1.6		.4	1.8	2.3	6.0	2.7	1.4	2.3	1.4	1.8		
>= 130.00	.9		.4	.9	1.3	4.0	.9	.9	1.8	.4	.4		
>= 180.00	.3		.4		.4	1.0	.4	.4	1.3	.4			
>= 250.00	.1		.4					.4	.9	.4			
>= 340.00	.1							.4	.9	.4			
>= 470.00									.4	.4			

STATION 03297500 PLUM CREEK AT WATERFORD, KY. 1953-1974

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= .01	89.0	77.2	92.7	96.1	99.7	100	100	100	100	89.8	82.8	66.7	64.9
>= .02	88.1	73.0	90.7	96.1	99.7	100	100	100	100	89.5	81.0	65.6	64.0
>= .03	87.6	70.7	90.0	96.1	99.7	100	100	100	100	89.5	80.0	65.1	62.7
>= .04	87.1	67.9	89.0	96.1	99.7	100	100	100	100	89.5	78.6	64.8	61.6
>= .06	86.5	65.4	88.0	96.1	99.7	100	100	100	100	89.2	77.6	64.4	59.8
>= .09	86.0	63.8	86.2	96.1	99.7	100	100	100	100	88.7	77.1	63.6	58.7
>= .10	85.8	63.6	85.5	96.1	99.7	100	100	100	100	88.7	77.0	63.3	58.4
>= .20	80.9	51.7	73.5	95.2	99.7	100	100	100	98.9	82.9	69.9	55.0	47.1
>= .30	78.6	45.3	70.0	94.8	99.7	100	100	100	98.2	77.9	66.5	51.0	43.2
>= .50	75.1	39.6	68.0	94.2	99.7	100	100	100	94.8	70.6	58.7	44.5	35.4
>= .70	72.4	35.1	66.7	92.9	99.0	100	100	100	91.7	64.9	53.6	40.1	29.7
>= 1.00	69.2	30.6	61.3	91.1	97.3	100	100	100	87.4	57.6	49.6	33.8	26.5
>= 1.50	65.2	25.0	54.0	86.1	95.5	99.6	100	99.5	82.2	49.7	45.9	28.1	22.1
>= 2.20	61.2	19.3	46.0	81.6	94.4	99.5	99.0	99.4	75.1	42.9	41.0	23.2	18.7
>= 3.30	56.9	14.0	40.5	76.6	90.3	97.7	98.7	97.9	65.1	36.7	36.6	18.7	15.9
>= 4.80	52.9	10.7	35.2	71.8	87.7	96.6	98.5	92.2	57.1	31.1	32.7	15.5	12.7
>= 7.10	47.8	8.1	29.3	64.0	80.8	92.7	97.1	84.1	48.7	26.2	27.6	11.4	10.3
>= 10.00	42.5	6.5	24.7	55.6	72.5	85.5	92.4	72.7	41.3	22.1	25.0	9.5	8.3
>= 15.00	35.9	4.3	19.8	45.6	61.1	75.6	85.8	60.3	32.6	17.9	20.0	7.8	5.7
>= 23.00	28.0	3.8	13.7	36.1	46.8	59.5	72.1	45.6	23.7	13.7	15.7	5.8	4.0
>= 34.00	20.5	2.7	9.5	26.1	33.1	45.8	53.4	33.3	16.7	10.3	11.5	4.9	2.7
>= 50.00	14.2	1.8	6.5	18.4	20.6	3.0	36.1	24.0	12.6	7.6	8.4	3.8	1.7
>= 73.00	9.6	1.1	4.8	11.9	12.9	20.4	24.5	16.5	9.1	5.4	6.0	2.8	1.3
>= 110.00	6.4	.6	4.3	7.4	8.7	12.9	15.8	10.6	6.4	3.8	4.6	2.3	1.2
>= 160.00	4.6	.6	3.0	5.8	6.2	10.6	10.3	7.7	4.1	2.6	2.9	1.5	1.2
>= 230.00	3.4	.3	2.5	4.6	4.5	8.6	7.0	5.8	2.6	2.0	2.4	.6	.7
>= 350.00	2.2	.1	1.5	2.5	3.2	5.3	5.0	4.4	2.3	.9	.9	.3	.6
>= 510.00	1.4		.8	1.2	1.7	3.5	3.7	3.0	1.5	.7	.9	.3	.3
>= 750.00	.8		.5	.8	1.1	2.8	1.9	1.4	.7	.7	.3	.1	.3
>= 1100.00	.4		.3	.3	.9	.8	1.1	.6	.6	.3	.1		
>= 1600.00	.2		.3	.1	.3	.1	.4	.3	.3	.1	.1		
>= 2400.00			.1				.3	.1	.1	.1			
>= 3600.00							.1						

STATION 03297970 LONG RUN NEAR EASTWOOD, KY. 1974-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= .01	94.0	93.3	100	100	100	100	100	100	100	100	90.3	90.3	64.2
>= .02	93.8	93.3	100	100	100	100	100	100	100	100	89.5	89.5	64.2
>= .03	93.6	93.3	100	100	100	100	100	100	100	100	87.9	88.7	64.2
>= .05	93.3	93.3	100	100	100	100	100	100	100	100	87.1	87.1	63.3
>= .07	92.6	93.3	100	100	100	100	100	100	98.9	100	82.3	86.3	63.3
>= .10	91.8	89.5	100	100	100	100	100	100	97.8	100	81.5	83.9	62.5
>= .20	86.6	81.9	100	100	94.6	98.8	100	100	95.7	100	64.5	68.5	55.8
>= .30	82.3	74.3	100	100	92.5	90.6	100	100	91.4	100	50.8	59.7	52.5
>= .40	78.3	69.5	98.9	100	83.5	90.6	100	100	89.2	99.2	37.1	49.2	50.8
>= .60	66.6	48.6	82.2	82.8	66.7	89.4	100	98.9	69.9	78.3	25.0	37.9	50.0
>= .80	62.8	44.8	77.8	75.3	66.7	89.4	100	96.7	64.5	65.0	23.4	33.9	48.3
>= 1.20	58.5	40.0	66.7	73.1	66.7	89.4	100	95.6	59.1	55.0	18.5	27.4	45.0
>= 1.60	54.9	37.1	60.0	69.9	66.7	89.4	100	88.9	55.9	50.0	16.1	23.4	37.5
>= 2.30	50.0	32.4	47.8	68.8	66.7	89.4	100	82.2	49.5	41.7	12.9	20.2	26.7
>= 3.20	46.6	25.7	38.9	68.8	66.7	88.2	100	76.7	46.2	38.3	9.7	16.1	22.5
>= 4.50	41.6	22.9	26.7	67.7	66.7	88.2	91.4	61.1	41.9	29.2	7.3	14.5	19.2
>= 6.40	37.2	21.0	20.0	64.5	66.7	84.7	82.8	50.0	34.4	22.5	6.5	12.1	15.8
>= 9.00	30.2	18.1	14.4	55.9	65.6	71.8	63.4	40.0	24.7	12.5	4.0	8.9	13.3
>= 13.00	24.2	14.3	10.0	46.2	53.8	57.6	50.5	31.1	21.5	11.7	3.2	6.5	9.2
>= 18.00	18.6	10.5	6.7	33.3	45.2	43.5	40.9	25.6	12.9	9.2	2.4	4.8	7.5
>= 25.00	13.5	7.6	4.4	23.7	29.0	28.2	34.4	16.7	9.7	8.3	1.6	4.0	6.7
>= 35.00	10.4	6.7	2.2	18.3	21.5	20.0	32.3	12.2	7.5	6.7	.8	3.2	3.3
>= 49.00	7.5	4.8	2.2	9.7	12.9	16.5	24.7	7.8	7.5	5.0	.8	2.4	2.5
>= 70.00	4.7	2.8	2.2	7.5	9.6	8.2	15.0	2.2	6.4	2.5		2.4	2.5
>= 98.00	2.8	1.9	1.1	3.2	8.6	4.7	9.6	2.2	3.2	.8		.8	.8
>= 140.00	2.1	1.9	1.1	3.2	5.3	2.3	6.4	2.2	3.2			.8	.8
>= 190.00	1.2	.9		1.0	1.0	2.3	6.4	2.2	1.0			.8	
>= 270.00	.8	.9		1.0	1.0	2.3	2.1	2.2				.8	
>= 380.00	.4	.9				2.3		1.1				.8	
>= 540.00	.2	.9				1.1		1.1					
>= 760.00								1.1					

STATION 03298000 FLOYDS FORK AT FISHERVILLE, KY. 1945-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	93.3	80.7	89.7	95.8	98.7	100	100	100	100	99.4	93.0	86.4	76.0
>= .02	93.2	80.1	89.7	95.8	98.7	100	100	100	100	99.4	93.0	86.4	75.9
>= .03	93.2	80.0	89.7	95.8	98.7	100	100	100	100	99.4	93.0	86.4	75.5
>= .05	93.1	80.0	89.6	95.8	98.7	100	100	100	100	99.4	93.0	86.0	74.9
>= .07	93.0	79.9	89.3	95.8	98.7	100	100	100	100	99.4	93.0	85.5	74.5
>= .10	92.7	78.7	88.6	95.8	98.7	100	100	100	100	99.4	92.9	84.8	73.6
>= .20	89.7	63.4	83.1	94.1	98.5	100	100	100	100	98.2	90.9	80.6	67.7
>= .30	87.6	57.9	80.3	93.6	98.5	100	100	100	100	96.8	88.0	74.2	63.0
>= .40	86.6	55.3	79.2	93.5	98.5	100	100	100	100	96.0	86.4	71.7	59.8
>= .70	83.9	50.7	75.7	92.8	98.5	100	100	100	99.8	91.2	80.5	66.1	52.2
>= 1.10	81.8	48.8	73.0	91.2	98.5	100	100	100	99.5	87.2	76.2	61.9	46.8
>= 1.60	80.0	47.4	71.4	89.0	98.5	100	100	100	98.8	83.5	71.1	58.2	42.9
>= 2.50	77.0	43.3	68.6	87.4	97.7	100	100	100	97.9	76.8	64.4	51.8	37.1
>= 3.90	73.4	38.7	63.7	85.4	96.8	99.8	100	100	95.4	69.9	56.4	44.5	31.8
>= 6.00	69.2	31.9	58.1	83.4	95.2	98.5	100	100	91.3	63.2	48.4	37.0	24.7
>= 9.20	64.5	25.3	49.7	79.4	93.2	97.8	99.9	99.9	84.2	53.5	41.3	31.8	19.5
>= 14.00	59.5	19.4	42.6	70.7	90.7	95.2	99.3	98.8	76.2	45.2	34.5	27.2	16.7
>= 22.00	53.0	13.4	33.8	62.7	83.7	91.3	96.3	93.7	66.3	35.6	28.1	20.9	12.9
>= 34.00	46.9	9.9	27.1	56.2	76.6	85.5	93.2	82.5	56.7	29.1	22.1	16.3	9.3
>= 52.00	40.0	7.5	22.1	48.1	68.2	77.2	88.0	67.8	44.3	23.9	15.6	12.3	6.5
>= 81.00	32.2	5.6	17.5	39.2	55.2	64.8	77.1	51.6	33.9	17.4	12.1	8.5	4.7
>= 120.00	25.5	4.2	13.4	32.6	44.8	52.5	62.7	39.3	25.7	13.8	9.0	6.3	3.2
>= 190.00	18.0	3.1	9.7	22.0	31.2	36.9	46.6	26.2	18.4	10.6	6.3	4.5	2.1
>= 300.00	11.8	1.7	6.2	14.8	20.2	24.6	29.8	17.3	12.0	7.0	4.0	3.1	1.3
>= 460.00	7.6	.8	4.3	9.7	13.4	15.5	19.0	10.7	7.8	5.2	2.4	1.9	.7
>= 710.00	4.9	.7	3.0	6.2	9.1	9.6	11.8	6.9	5.1	3.5	1.1	1.4	.4
>= 1100.00	3.2	.5	1.7	3.8	6.4	7.2	7.6	4.6	3.2	2.3	.7	.6	.1
>= 1700.00	2.0	.1	1.0	2.0	3.9	5.4	4.8	2.9	2.1	1.0	.3	.1	.1
>= 2600.00	1.1	.1	.4	1.4	1.9	3.3	3.0	1.7	.9	.5	.1		.1
>= 4000.00	.4		.2		.7	1.5	1.4	.7	.2	.1			
>= 6200.00	.1					.2	.5	.4	.2				
>= 9600.00									.1				

STATION 03298500 SALT RIVER AT SHEPHERDSVILLE, KY. 1938-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .10	99.3	95.4	98.3	100	100	100	100	100	100	100	100	100	98.1
>= .20	99.0	93.0	98.2	100	100	100	100	100	100	100	99.8	99.9	96.8
>= .30	98.8	91.7	98.2	100	100	100	100	100	100	100	99.8	99.9	95.8
>= .50	98.5	90.6	97.8	100	100	100	100	100	100	100	99.7	99.5	94.1
>= .70	98.2	89.1	97.1	100	100	100	100	100	100	100	99.7	99.3	93.3
>= 1.10	97.2	85.6	94.2	98.2	100	100	100	100	100	100	99.6	98.1	90.4
>= 1.60	96.5	82.3	93.8	98.0	100	100	100	100	100	100	99.4	96.3	88.1
>= 2.40	95.6	78.8	92.1	97.9	100	100	100	100	100	100	98.4	94.7	85.8
>= 3.50	94.8	75.8	90.7	97.7	100	100	100	100	100	99.8	97.6	92.4	83.4
>= 5.30	93.3	72.5	88.4	97.5	99.8	98.9	100	100	100	99.2	96.3	88.8	78.9
>= 7.90	92.0	69.8	86.6	97.3	98.7	98.6	100	100	100	98.5	95.2	84.7	75.4
>= 12.00	90.0	64.4	83.8	94.3	98.3	98.6	100	100	100	97.6	93.2	80.8	68.9
>= 18.00	87.1	56.0	78.4	93.1	97.7	98.6	100	100	99.8	95.6	90.7	75.6	60.4
>= 26.00	84.2	49.4	73.5	91.5	96.5	98.6	100	100	99.8	93.4	86.5	69.8	51.9
>= 39.00	80.0	41.6	65.1	90.2	95.4	98.1	100	100	99.4	88.6	77.7	62.0	42.1
>= 58.00	75.7	33.6	60.2	86.7	93.9	97.9	100	100	97.3	80.3	69.3	54.4	35.9
>= 87.00	70.3	27.3	53.4	79.1	92.3	96.9	100	100	91.4	70.7	59.5	46.4	28.3
>= 130.00	65.3	22.0	47.4	73.4	89.9	96.2	100	100	85.3	61.6	48.5	38.8	22.4
>= 190.00	60.0	17.8	41.8	67.3	87.8	93.8	98.1	98.4	77.0	51.7	40.2	30.5	17.5
>= 290.00	53.3	12.7	34.6	60.8	82.5	90.1	95.3	94.0	64.5	40.9	31.5	23.1	12.4
>= 430.00	46.0	9.1	27.3	54.0	73.9	83.9	89.8	83.2	50.8	32.3	24.4	17.1	9.1
>= 650.00	38.3	6.7	21.3	45.1	63.6	73.5	81.0	68.0	39.2	24.8	18.5	12.8	7.0
>= 960.00	31.0	4.7	16.7	37.5	53.2	61.4	70.1	53.5	30.2	18.7	13.6	9.4	5.3
>= 1400.00	23.7	3.1	12.5	29.4	42.0	48.2	56.0	40.4	22.0	12.9	9.1	6.2	3.6
>= 2100.00	17.1	1.8	8.5	21.2	30.2	35.5	41.5	29.5	15.4	9.3	6.2	4.5	2.5
>= 3200.00	11.7	1.0	6.2	14.8	21.6	25.0	30.1	19.0	10.8	6.6	3.3	2.1	1.2
>= 4800.00	8.0	.7	4.0	9.9	14.5	17.8	21.4	13.3	7.0	4.7	1.6	1.2	.6
>= 7200.00	5.2	.4	2.7	6.0	9.0	11.8	15.4	8.1	4.7	2.9	.7	.4	.3
>= 11000.00	3.0	.2	1.4	3.3	6.6	7.3	9.1	4.7	2.3	1.4	.4	.1	
>= 16000.00	1.6		.4	1.5	3.8	4.5	4.8	3.2	.7	.5			
>= 24000.00	.4		.1	.3	.5	1.0	1.6	.8	.2	.1			
>= 36000.00							.6	.1	.1				

STATION 03299000 ROLLING FORK NEAR LEBANON, KY. 1938-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .10	97.6	86.5	94.1	99.8	100	100	100	100	100	100	100	97.9	93.3
>= .20	96.7	83.5	92.1	99.1	99.9	100	100	100	100	100	100	96.7	89.5
>= .30	95.9	80.4	90.1	98.0	99.3	100	100	100	100	100	99.9	95.9	87.2
>= .40	95.6	79.1	88.9	97.4	99.3	100	100	100	100	100	99.8	95.7	86.4
>= .60	94.4	74.1	88.3	96.1	99.3	100	100	100	100	100	99.5	94.1	81.9
>= .90	93.3	70.2	87.4	95.5	99.3	100	100	100	100	100	98.2	91.8	77.7
>= 1.30	91.9	67.1	85.0	94.8	99.2	100	100	100	100	100	96.9	89.4	70.7
>= 1.80	90.5	64.0	8.14	94.0	99.0	100	100	100	100	99.8	95.4	85.1	67.2
>= 2.60	88.6	58.5	77.8	92.3	98.9	100	100	100	100	99.3	93.5	81.9	61.4
>= 3.80	86.0	53.5	73.1	90.5	98.8	100	100	100	99.8	96.3	90.0	75.3	55.8
>= 5.40	83.5	48.5	69.2	89.8	98.1	99.9	99.8	100	99.5	93.2	85.9	69.6	49.2
>= 7.80	80.5	42.2	66.3	89.3	97.5	98.8	99.7	100	99.1	89.6	79.7	62.4	43.2
>= 11.00	77.9	36.9	63.2	88.6	96.2	98.2	99.5	100	98.6	86.1	73.9	56.4	38.5
>= 16.00	74.0	30.5	59.5	86.0	94.4	97.7	99.3	100	97.5	78.3	65.4	48.7	32.6
>= 23.00	68.9	23.3	53.7	79.9	93.5	97.5	99.3	100	92.8	69.8	53.0	41.3	25.6
>= 33.00	63.9	18.5	46.6	75.3	92.2	96.3	99.0	99.9	85.5	59.8	42.4	34.5	20.0
>= 48.00	58.5	14.3	40.9	69.4	88.2	94.6	98.9	98.2	74.8	48.7	35.3	26.5	15.9
>= 69.00	52.7	9.8	33.8	61.7	84.1	91.2	97.1	94.9	64.3	38.4	28.6	19.0	13.0
>= 99.00	46.8	7.0	28.0	54.0	77.3	86.0	94.8	88.8	53.0	28.5	24.2	14.2	10.2
>= 140.00	40.2	4.8	22.1	47.0	68.7	78.0	88.5	76.8	41.8	21.0	19.6	10.6	7.4
>= 200.00	32.4	3.0	16.3	39.4	54.8	66.5	77.8	60.5	31.2	14.9	15.1	7.6	5.7
>= 290.00	24.8	2.1	11.8	29.4	42.3	53.2	61.1	46.8	22.6	10.2	11.4	5.7	3.8
>= 420.00	17.9	1.7	8.2	21.1	31.2	39.4	44.8	33.0	16.1	7.4	8.2	3.8	2.1
>= 610.00	12.2	1.0	5.3	14.9	22.6	26.9	30.8	21.1	10.8	4.9	5.1	2.6	1.7
>= 870.00	8.3	.7	3.2	11.3	16.4	17.6	21.3	13.5	7.3	3.3	3.5	1.6	1.0
>= 1300.00	5.2	.5	1.7	7.2	10.4	11.5	13.0	8.1	4.6	2.1	2.2	.6	.6
>= 1800.00	3.4	.5	1.2	4.5	6.8	7.8	8.0	5.2	3.4	1.4	1.3	.3	.3
>= 2600.00	2.2	.3	.9	2.5	4.7	4.8	5.9	3.1	1.8	1.0	.7	.3	.3
>= 3700.00	1.2		.5	1.6	2.6	2.9	3.7	1.9	.6	.5	.4	.2	.1
>= 5400.00	.7		.3	.7	1.6	1.8	2.3	1.3	.3	.2	.2		
>= 7700.00	.3		.1	.3	.8	.9	.7	.5			.1		
>= 11000.00					.2	.1	.2	.2					
>= 16000.00								.1					

STATION 03300000 BEECH FORK NEAR SPRINGFIELD, KY. 1952-1972

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .02	92.4	70.3	82.5	96.3	99.8	100	100	100	100	95.3	96.8	91.3	77.2
>= .04	92.4	70.2	82.5	96.3	99.8	100	100	100	100	95.3	96.8	91.3	77.2
>= .06	92.2	67.9	82.0	96.3	99.8	100	100	100	100	95.3	96.8	91.3	77.0
>= .09	92.0	67.1	81.5	96.3	99.8	100	100	100	100	95.3	96.8	91.1	76.7
>= .10	92.0	67.1	81.5	96.3	99.8	100	100	100	100	95.3	96.8	91.1	76.7
>= .20	89.7	59.5	74.7	94.0	99.7	100	100	100	100	95.0	96.0	87.4	70.8
>= .30	88.5	56.0	72.0	93.9	99.7	100	100	100	100	94.8	94.4	84.8	66.7
>= .40	87.7	54.8	69.8	93.9	99.7	100	100	100	100	94.8	92.9	82.3	65.2
>= .60	85.9	49.7	66.3	93.7	99.7	100	100	100	100	93.8	91.1	78.4	59.0
>= .90	84.2	47.4	63.0	92.7	99.5	100	100	100	100	92.0	88.9	72.7	54.5
>= 1.20	82.4	45.3	60.5	91.5	99.4	100	100	100	99.8	90.2	81.9	69.5	51.0
>= 1.80	78.9	41.1	56.5	90.5	99.2	100	100	100	99.0	84.0	73.2	63.4	41.0
>= 2.60	75.5	36.0	55.2	87.7	98.7	100	100	100	97.1	75.5	64.2	56.7	35.3
>= 3.80	71.5	25.3	51.5	82.3	98.1	100	100	100	93.1	69.7	56.5	51.3	32.2
>= 5.60	67.3	20.3	47.7	79.4	97.4	99.6	100	100	86.9	60.7	48.2	45.2	23.5
>= 8.10	63.3	16.8	44.8	76.0	94.5	98.6	99.7	99.0	79.8	52.3	43.1	38.5	18.7
>= 12.00	58.4	14.2	37.0	71.9	91.8	96.5	98.7	95.7	73.7	41.7	37.6	28.5	15.5
>= 17.00	52.7	8.7	32.8	65.2	86.5	93.8	97.1	90.2	63.9	33.7	31.3	20.8	10.7
>= 25.00	46.6	6.9	28.0	55.3	78.5	87.8	94.0	81.2	50.6	26.3	16.9	16.9	8.7
>= 36.00	40.1	5.3	22.5	47.9	69.8	79.3	86.5	66.8	41.0	21.8	23.2	12.3	7.3
>= 52.00	32.8	3.9	16.5	40.8	58.1	68.5	71.0	53.7	30.2	16.3	20.5	10.0	6.0
>= 76.00	24.8	2.6	12.8	31.3	39.7	52.7	54.8	40.2	23.1	13.0	16.9	7.6	4.7
>= 110.00	18.6	1.8	8.5	21.5	30.6	41.6	41.6	30.3	17.1	9.7	12.6	5.6	3.8
>= 160.00	13.6	1.2	6.3	15.8	22.4	31.8	30.8	20.3	13.2	7.5	8.8	3.8	2.3
>= 230.00	9.9	.9	4.0	12.5	15.4	21.0	25.1	14.3	9.5	6.0	6.1	3.0	1.3
>= 340.00	6.6	.6	2.8	8.2	11.1	12.7	15.4	10.3	7.4	3.8	4.3	2.2	.6
>= 490.00	4.4	.4	1.8	5.6	7.5	9.2	9.6	7.0	5.9	1.8	2.9	1.2	
>= 720.00	2.5	.3	1.1	2.7	4.5	6.3	5.6	3.3	4.0	1.1	1.4	.1	
>= 1000.00	1.7	.3	1.0	1.7	3.0	4.6	3.8	2.5	2.9	.5	1.1		
>= 1500.00	1.0	.3	.6	1.1	1.6	2.3	2.7	1.8	1.2	.1	.8		
>= 2200.00	.5	.1	.3	.3	.6	1.5	1.1	1.5	.1		.4		
>= 3200.00	.1		.1	.1	.1	.8	.3	.5					
>= 4600.00				.1		.1		.1					
>= 6700.00				.1				.1					

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .10	99.9	99.5	100	100	100	100	100	100	100	100	100	99.7	99.4
>= .20	99.6	98.4	100	100	100	100	100	100	100	100	100	99.7	97.6
>= .30	99.4	96.8	100	100	100	100	100	100	100	100	100	99.7	96.7
>= .50	98.5	91.4	98.1	99.2	100	100	100	100	100	100	100	99.5	94.0
>= .70	97.5	84.6	94.9	98.5	100	100	100	100	100	100	100	98.8	92.8
>= 1.00	96.4	81.9	90.3	97.7	100	100	100	100	100	99.9	99.3	96.7	91.1
>= 1.40	95.3	77.6	89.1	96.8	100	100	100	100	100	99.9	97.1	96.0	86.5
>= 2.10	94.5	75.5	88.2	96.2	100	100	100	100	100	99.7	96.0	94.3	83.5
>= 3.10	93.1	71.1	86.0	95.4	99.9	100	100	100	100	99.5	95.3	91.1	78.6
>= 4.50	91.5	65.1	83.2	95.2	99.8	100	100	100	100	99.3	94.7	88.0	73.1
>= 6.60	89.3	60.7	76.5	94.8	99.8	98.4	100	100	100	98.1	94.1	84.4	65.3
>= 9.60	87.1	53.8	71.5	94.4	99.1	98.3	100	100	99.9	96.5	92.0	80.3	59.6
>= 14.00	84.2	44.7	67.4	92.7	98.3	98.3	100	100	99.3	93.6	89.1	74.7	52.4
>= 21.00	79.9	36.0	62.8	89.5	97.1	98.3	100	100	98.6	88.3	83.1	64.3	41.9
>= 30.00	76.0	28.1	58.2	86.3	96.0	98.3	100	100	97.6	80.4	75.9	58.1	34.8
>= 44.00	71.9	22.4	52.6	81.9	94.7	98.3	100	99.8	94.7	72.2	67.6	50.0	29.7
>= 65.00	67.1	17.8	46.4	76.4	93.8	96.9	99.8	98.8	88.0	64.6	58.5	43.2	23.3
>= 95.00	61.7	13.6	40.6	71.1	91.6	94.1	99.4	96.8	78.2	56.1	49.5	34.5	18.4
>= 140.00	55.5	9.5	35.2	64.7	87.8	90.5	96.6	93.0	66.0	44.0	41.7	25.7	14.2
>= 210.00	48.9	7.0	30.8	55.7	80.5	85.7	92.8	85.2	55.4	34.4	33.5	18.0	11.8
>= 300.00	42.3	5.1	26.8	49.5	72.1	78.9	86.3	72.6	44.2	28.1	26.1	13.5	8.9
>= 440.00	34.6	3.6	22.5	41.2	59.5	68.5	75.0	57.8	33.5	20.5	20.6	9.8	6.4
>= 650.00	26.3	2.5	14.9	32.5	46.1	54.6	58.8	43.4	24.4	15.0	15.5	6.2	5.1
>= 950.00	19.6	1.8	10.8	24.3	34.2	41.2	45.4	31.1	17.3	11.1	12.3	3.9	3.7
>= 1400.00	14.0	1.1	8.2	18.7	25.2	28.8	32.9	20.0	12.5	7.9	8.5	2.9	2.7
>= 2000.00	10.3	.6	6.2	14.5	20.0	20.3	24.2	14.6	9.0	6.2	6.0	1.8	1.8
>= 3000.00	7.2	.5	4.5	10.4	15.2	14.1	16.3	10.2	5.9	4.5	3.8	1.3	.9
>= 4400.00	5.0	.3	3.7	5.9	10.8	10.6	12.0	7.1	4.6	2.8	1.9	.6	.6
>= 6400.00	3.1	.2	1.9	3.7	6.5	6.5	8.3	4.0	2.9	1.6	1.1	.1	.4
>= 9400.00	1.5	.1	.7	2.1	3.0	4.1	3.9	2.5	1.2	.6	.2		.1
>= 14000.00	.7	.1	.3	1.0	1.7	2.1	1.8	1.4	.3	.1			
>= 20000.00	.2			.2	.4	.7	.5	.5	.2				

STATION 03300400 BEECH FORK AT MAUD, KY. 1972-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .70	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 1.10	99.0	100	100	100	100	100	100	100	100	100	96.2	98.0	94.8
>= 1.50	98.0	100	100	100	100	100	100	100	100	100	92.5	97.5	88.1
>= 2.00	96.2	100	100	100	100	100	100	100	100	100	89.2	90.6	78.1
>= 2.70	95.5	96.8	100	100	100	100	100	100	100	100	87.1	88.7	77.1
>= 3.70	94.4	92.5	100	100	100	100	100	100	100	100	86.6	85.2	73.3
>= 5.10	93.5	90.9	100	100	100	100	100	100	100	100	85.5	81.8	69.5
>= 6.90	93.1	88.7	100	100	100	100	100	100	100	100	84.9	79.8	69.0
>= 9.40	92.3	85.5	98.3	100	100	100	100	100	100	100	83.9	77.3	68.6
>= 13.00	91.3	83.9	97.2	100	100	100	100	100	100	99.4	82.8	73.4	65.7
>= 18.00	89.7	79.6	96.7	100	100	100	100	100	97.8	95.0	81.2	71.9	61.0
>= 24.00	87.3	76.9	96.1	100	98.9	100	100	100	95.2	91.7	78.0	66.5	52.4
>= 33.00	84.3	73.7	95.6	100	98.4	100	100	100	89.2	87.2	73.1	59.6	44.8
>= 45.00	80.0	66.1	90.0	98.9	91.4	100	100	100	84.4	80.6	66.7	53.7	39.0
>= 61.00	73.8	52.7	81.1	93.5	90.9	100	100	99.4	73.7	71.1	53.2	48.8	31.9
>= 83.00	68.8	46.8	75.0	88.7	90.9	98.2	100	95.6	66.7	62.8	43.5	42.4	26.2
>= 110.00	62.9	37.6	62.8	84.4	88.7	95.3	98.4	85.0	61.3	54.4	37.1	36.9	23.8
>= 150.00	56.0	28.5	55.0	79.6	83.3	94.1	94.1	73.3	52.2	44.4	29.0	31.0	18.6
>= 210.00	48.7	22.0	46.1	74.2	78.5	84.0	83.9	63.9	43.0	33.9	22.6	26.1	15.2
>= 290.00	40.3	17.2	36.1	67.7	71.0	62.1	72.6	52.2	34.4	25.6	19.9	20.2	12.4
>= 390.00	33.4	14.5	29.4	59.1	60.2	46.2	61.8	41.7	30.1	18.3	16.1	17.2	11.0
>= 530.00	25.5	9.1	21.7	46.8	46.8	30.8	51.1	31.7	22.0	13.3	10.8	14.8	10.5
>= 730.00	20.0	7.0	18.3	34.9	36.6	21.9	43.0	23.9	17.7	10.0	8.1	12.3	8.6
>= 1000.00	15.5	6.4	14.4	30.1	25.2	17.7	33.8	17.2	13.9	6.1	5.3	10.8	6.6
>= 1400.00	11.2	4.3	7.2	20.9	19.8	14.2	27.4	10.5	9.6	4.4	3.7	8.3	4.7
>= 1900.00	8.4	3.7	4.4	15.0	16.1	8.8	22.0	8.8	8.0	2.7	1.6	5.9	3.8
>= 2500.00	6.1	3.7	4.4	9.6	11.2	6.5	15.0	7.2	4.8	2.2	1.6	4.4	2.8
>= 3400.00	4.3	2.1	2.2	6.4	6.5	4.1	12.3	5.0	4.8	2.2	1.0	2.9	2.3
>= 4700.00	2.7	2.1	1.6	4.3	5.9	2.3	8.6	1.1	2.6	1.6		1.4	.9
>= 6400.00	1.6	.5	1.1	2.1	3.7	2.3	5.9	.5	1.0	1.1		.4	.9
>= 8700.00	.9	.5	.5	1.0	2.6	2.3	2.6	.5		.5		.4	.4
>= 12000.00	.4	.5	5	.5	.5	1.7	1.0						
>= 16000.00	.1				.5	1.1	.5						
>= 22000.00					.5	.5							

STATION 03301500 ROLLING FORK NEAR BOSTON, KY. 1938-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .30	100	100	100	100	100	100	100	100	100	100	100	100	100
>= .60	99.7	97.8	99.4	100	100	100	100	100	100	100	100	100	99.5
>= .80	99.7	97.8	98.8	100	100	100	100	100	100	100	100	100	99.4
>= 1.10	99.6	97.7	98.3	99.7	100	100	100	100	100	100	100	100	99.1
>= 1.60	99.5	97.2	98.3	99.5	100	100	100	100	100	100	100	100	99.0
>= 2.30	99.1	94.8	97.5	99.4	100	100	100	100	100	100	100	99.3	98.1
>= 3.30	98.6	91.1	97.2	99.2	100	100	100	100	100	100	99.9	99.3	96.8
>= 4.70	97.8	86.6	97.1	99.0	100	100	100	100	100	100	99.5	99.0	93.2
>= 6.70	96.8	82.8	95.3	98.3	100	100	100	100	100	100	97.9	98.7	89.3
>= 9.60	95.4	76.9	92.5	96.9	100	100	100	100	100	100	96.7	96.9	85.2
>= 14.00	93.5	72.0	87.8	95.4	100	100	100	100	100	99.7	95.5	92.8	78.8
>= 19.00	91.3	65.3	81.5	93.6	99.8	100	100	100	100	99.3	94.8	89.2	72.2
>= 28.00	88.3	56.1	75.4	92.2	99.8	99.1	100	100	100	98.6	92.7	85.3	61.2
>= 39.00	85.6	49.0	70.1	91.1	98.1	98.6	100	100	99.7	96.3	90.7	78.8	55.5
>= 56.00	82.4	43.1	65.9	89.2	96.0	98.1	100	100	99.4	92.0	87.0	71.5	47.7
>= 80.00	78.7	36.5	61.4	87.1	95.3	98.1	100	100	98.8	85.7	78.8	63.4	40.0
>= 110.00	74.3	31.3	56.1	81.3	93.4	98.1	100	100	96.8	78.7	68.4	55.8	33.6
>= 160.00	68.5	25.6	47.9	74.8	92.2	96.8	99.4	99.7	89.0	68.5	57.2	47.0	25.4
>= 230.00	62.6	19.3	41.2	69.8	89.3	93.8	99.0	97.8	79.8	59.3	47.9	37.4	19.0
>= 330.00	56.2	13.9	35.8	62.3	83.8	90.3	97.1	95.1	68.0	47.8	39.4	28.1	14.5
>= 470.00	49.7	10.0	30.3	54.8	77.5	86.5	94.0	89.1	57.7	36.9	30.5	20.8	10.8
>= 670.00	42.8	7.5	25.3	48.1	70.4	78.8	88.0	77.3	46.6	27.5	23.6	14.8	7.7
>= 950.00	35.6	5.2	19.9	41.1	58.5	70.1	77.3	65.5	35.6	20.3	18.9	10.2	6.2
>= 1400.00	27.6	3.4	14.1	32.6	46.4	56.6	62.3	50.2	25.6	15.4	14.2	7.4	4.5
>= 1900.00	22.0	2.5	10.2	26.6	37.1	46.7	51.5	39.0	20.3	11.6	11.5	5.7	3.2
>= 2700.00	16.7	1.7	8.1	21.2	30.0	34.9	40.5	27.1	15.1	8.4	8.3	4.1	2.2
>= 3900.00	11.9	1.2	5.9	15.7	22.5	26.7	29.4	18.4	10.1	5.5	5.3	2.5	1.2
>= 5600.00	8.2	.8	4.0	10.3	16.4	18.2	21.1	12.1	7.0	3.5	2.9	1.6	1.0
>= 7900.00	5.5	.8	2.6	6.6	11.2	12.4	14.3	8.3	5.0	1.8	2.0	.5	.5
>= 11000.00	3.1	.5	1.3	3.2	6.5	7.3	9.1	4.5	2.6	.8	.9	.1	.3
>= 16000.00	1.4	.2	.5	1.6	3.3	4.4	4.1	2.4	.7	.2	.2		.1
>= 23000.00	.5		.2	.7	1.2	1.7	1.6	1.0	.2				
>= 33000.00	.1			.2	.1	.5	.2	.5					

STATION 03302000 POND CREEK NEAR LOUISVILLE, KY. 1944-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .10	100	100	100	100	100	100	100	100	100	100	100	100	100
>= .20	99.9	99.9	100	100	100	100	100	100	100	100	100	100	99.2
>= .30	99.8	99.4	99.9	100	100	100	100	100	100	100	100	99.7	98.1
>= .40	99.5	99.0	99.8	100	100	100	100	100	100	100	100	98.8	97.0
>= .50	99.3	97.6	99.3	99.9	100	100	100	100	100	100	99.9	97.9	96.6
>= .70	98.8	95.7	98.4	99.4	100	100	100	100	100	100	99.6	96.8	96.1
>= 1.00	98.1	93.3	96.9	98.7	100	100	100	100	100	100	99.1	96.1	93.2
>= 1.40	97.3	91.1	94.8	97.5	99.9	100	100	100	100	99.9	98.6	95.2	91.3
>= 2.00	96.1	86.2	92.2	96.2	99.7	100	100	100	100	99.8	96.8	93.8	88.2
>= 2.70	94.3	81.3	88.9	94.9	99.5	100	100	100	99.7	99.1	94.9	90.0	83.6
>= 3.80	91.2	75.6	83.7	93.1	98.7	99.6	100	100	98.7	96.1	90.7	81.8	77.5
>= 5.30	86.7	62.5	77.4	90.5	98.1	99.0	100	100	97.3	89.7	84.1	73.9	69.2
>= 7.40	79.7	50.0	69.8	84.7	95.4	98.3	99.1	99.5	93.7	79.3	73.1	59.2	55.6
>= 10.00	72.6	40.7	60.6	76.9	92.3	96.6	97.7	98.1	86.3	68.7	60.7	49.1	44.9
>= 14.00	65.0	32.7	47.5	68.9	88.0	92.9	95.6	95.3	76.7	59.4	47.9	40.7	36.4
>= 20.00	55.2	23.7	36.8	59.2	81.4	84.7	93.6	88.7	62.7	45.7	35.1	28.4	24.1
>= 28.00	46.0	15.7	30.0	50.0	69.5	77.8	89.0	74.2	52.2	34.5	26.2	20.0	15.1
>= 39.00	37.5	10.0	22.9	41.5	58.2	67.4	79.2	58.6	40.4	27.8	19.4	15.7	10.1
>= 54.00	30.1	7.3	18.1	35.0	47.1	55.1	67.0	46.1	31.3	22.5	14.9	11.0	7.0
>= 75.00	23.7	5.4	13.0	26.8	37.0	43.3	56.0	36.6	25.2	16.9	11.4	8.3	5.2
>= 100.00	18.7	4.2	10.2	21.9	29.4	35.3	45.5	29.3	19.0	12.5	7.8	5.9	4.0
>= 140.00	13.4	2.8	7.4	15.4	20.8	25.0	33.3	21.6	13.7	9.1	4.7	4.4	3.0
>= 200.00	9.5	2.2	4.9	10.7	14.9	18.8	24.2	14.5	9.4	6.8	3.2	3.1	2.0
>= 280.00	6.6	1.1	3.6	6.8	11.5	12.8	16.9	10.4	6.7	4.5	2.2	2.2	.8
>= 390.00	4.6	.7	2.4	4.7	8.6	10.0	12.1	6.7	4.53	.21	.51		.3
>= 540.00	3.1	.3	1.3	2.4	6.3	7.2	8.3	4.7	3.0	2.1	1.0	.8	.1
>= 760.00	2.0	.2	.9	1.1	4.6	5.4	5.5	3.1	1.8	1.0	.3	.1	.1
>= 1100.00	1.1		.4	.4	2.6	2.8	3.4	1.9	1.4	.5	.1		
>= 1500.00	.5		.3	.3	.9	1.1	1.5	1.6	.5	.2			
>= 2000.00	.1				.1	.3	.6	.3	.2				
>= 2900.00							.2						
>= 4000.00							.1						
>= 5500.00							.1						

STATION 03303500 OHIO RIVER AT OWENSBORO, KY. 1940-1954

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 8000	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 9200	99.4	94.6	100	100	100	100	100	100	100	100	100	100	98.6
>= 11000	98.4	90.6	100	100	100	100	100	100	100	100	100	97.3	93.1
>= 12000	97.6	87.9	100	100	100	100	100	100	100	100	100	94.6	88.9
>= 14000	95.4	82.5	100	100	100	100	100	100	100	100	98.7	91.9	72.2
>= 16000	93.0	71.2	100	100	100	100	100	100	100	100	95.7	86.0	63.9
>= 19000	88.9	54.3	93.1	96.0	100	100	100	100	100	100	91.4	79.0	54.2
>= 21000	86.7	43.3	91.7	94.6	97.8	100	100	100	100	100	89.8	77.7	45.8
>= 25000	82.6	32.3	81.9	94.6	97.8	100	100	100	97.0	98.6	85.8	68.0	36.1
>= 28000	80.6	27.4	79.2	92.7	97.8	100	100	100	95.7	95.8	83.1	62.4	34.7
>= 33000	76.2	21.8	69.4	87.1	96.5	98.5	100	100	95.7	91.7	78.2	46.0	30.6
>= 38000	71.2	18.3	58.3	84.1	96.5	94.4	100	100	91.7	87.2	63.4	36.8	25.0
>= 43000	67.6	16.7	51.4	81.5	92.2	93.5	98.7	100	89.0	86.1	56.7	31.5	16.4
>= 50000	62.2	16.4	38.1	72.0	87.9	90.6	97.3	97.2	87.6	78.1	47.8	23.4	12.2
>= 57000	58.6	8.9	38.1	67.7	87.9	86.7	96.0	93.1	86.3	71.7	37.9	20.2	10.6
>= 66000	53.5	7.0	28.6	63.2	81.7	81.4	93.8	90.3	83.3	63.9	31.2	12.6	6.4
>= 76000	49.5	5.9	20.8	57.5	80.4	75.5	92.5	90.0	79.6	55.8	21.5	9.7	5.8
>= 88000	46.6	4.6	20.8	53.2	78.2	74.6	90.1	86.4	76.1	50.8	14.0	6.5	5.8
>= 100000	44.5	3.5	19.2	47.8	76.1	72.9	87.9	85.3	75.3	47.5	9.9	4.8	5.8
>= 120000	39.2	1.3	13.9	40.9	68.3	68.7	83.1	79.7	64.8	39.7	5.6	2.2	3.6
>= 130000	36.3	1.1	12.2	37.6	64.8	67.6	81.5	77.2	56.7	33.9	2.2	1.6	1.7
>= 150000	32.5		10.0	28.2	61.0	64.0	77.7	73.9	45.4	28.6	.5	.8	1.7
>= 180000	25.9		6.4	21.8	50.0	57.5	69.6	57.5	28.2	21.1			1.4
>= 200000	22.0		3.6	18.0	45.4	51.0	65.3	47.7	20.6	13.6			1.1
>= 240000	16.6		.5	14.5	37.3	43.3	52.6	37.7	10.4	3.6			.8
>= 270000	12.8			11.0	33.6	37.1	42.4	26.6	2.9	1.3			
>= 310000	9.4			6.7	27.6	30.9	30.6	17.5	.2	.8			
>= 360000	6.4			3.7	18.0	24.7	20.9	11.1					
>= 410000	4.2			2.6	12.6	17.4	12.0	7.5					
>= 480000	2.6			2.1	7.2	9.1	9.1	3.8					
>= 550000	1.3				3.7	3.5	6.4	2.7					
>= 630000	.6					.2	5.1	1.9					
>= 730000	.2						2.4						
>= 840000							.5						

STATION 03304500 MCGILLS CREEK NEAR MCKINNEY, KY. 1951-1971

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	80.9	56.1	69.5	87.6	97.6	100	100	100	100	92.8	69.5	58.4	40.5
>= .02	79.4	54.5	68.8	87.6	96.9	100	100	100	98.5	87.8	68.4	54.5	36.3
>= .03	77.9	54.5	66.5	87.6	96.9	100	100	100	98.4	84.5	62.9	51.8	32.2
>= .04	77.0	53.9	66.3	87.6	96.8	100	100	100	98.4	81.7	61.6	48.7	30.3
>= .05	76.9	53.9	66.2	87.6	96.6	100	100	100	98.4	81.2	61.5	48.4	30.2
>= .07	74.4	48.1	64.2	87.6	96.0	100	100	100	98.2	77.3	56.8	42.7	23.2
>= .10	73.5	46.9	63.3	87.3	95.8	100	100	100	97.7	72.7	56.1	40.3	22.8
>= .20	63.4	24.8	52.0	77.3	94.0	99.8	99.5	100	89.2	53.2	38.9	21.9	12.2
>= .30	58.2	16.3	47.0	68.4	88.5	98.6	98.5	100	81.6	44.5	32.2	16.9	8.3
>= .50	51.9	9.0	37.7	59.8	83.7	96.1	96.5	96.5	70.5	32.8	25.6	11.5	6.2
>= .60	49.5	8.1	33.5	57.9	81.3	95.4	95.5	94.8	65.3	27.8	23.4	9.5	4.7
>= .80	44.0	5.0	28.7	51.1	74.4	89.6	92.9	90.2	51.6	20.0	18.2	6.1	3.7
>= 1.10	38.1	3.7	23.0	43.1	63.1	80.4	88.9	79.3	40.8	14.8	15.8	4.4	2.5
>= 1.50	31.3	2.1	15.7	35.3	49.4	69.7	82.4	65.3	30.5	10.8	11.8	3.1	1.5
>= 2.00	26.2	1.1	12.5	29.7	39.2	60.9	73.1	54.7	24.2	8.7	9.8	2.1	1.2
>= 2.70	21.3	1.0	9.7	24.4	29.5	50.3	59.2	44.5	21.1	7.0	7.9	2.1	1.2
>= 3.70	16.3	.6	6.7	19.7	21.5	37.7	45.2	33.0	15.6	6.0	6.0	1.3	.8
>= 5.00	11.6		4.3	13.5	16.1	26.7	32.6	24.3	11.8	4.7	4.5	1.1	.5
>= 6.70	8.5		3.2	9.7	12.7	17.9	24.2	18.3	8.5	3.8	3.5	.8	.2
>= 9.00	6.2		2.2	7.6	8.9	13.3	18.1	12.3	6.5	3.0	2.4	.6	.2
>= 12.00	4.4		1.5	5.6	7.3	9.0	11.1	8.0	5.3	2.5	1.8	.5	.2
>= 16.00	2.9		1.3	4.4	4.0	6.0	7.1	5.2	3.9	1.3	1.3	.3	
>= 22.00	2.0		.8	2.9	2.7	4.4	5.5	3.2	2.7	1.0	.5	.2	
>= 29.00	1.4		.3	1.9	1.7	3.0	5.1	2.1	1.7	1.0	.3		
>= 39.00	.8		.1	1.1	.4	1.7	2.9	1.3	1.1	.6	.1		
>= 53.00	.4		.1	.3	.4	1.4	1.7	1.1	.1	.5			
>= 71.00	.2		.1		.1	.7	.4	.8		.1			
>= 96.00			.1			.1	.4	.3					
>= 130.00			.1			.1	.1	.1					
>= 170.00						.1	.1						

STATION 03305000 GREEN RIVER NEAR MCKINNEY, KY. 1951-1973

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	92.6	76.4	79.2	95.6	100	100	100	100	100	100	95.5	93.3	72.3
>= .02	92.5	76.4	79.2	95.6	100	100	100	100	100	100	94.7	92.8	71.4
>= .03	92.4	76.4	79.2	95.6	100	100	100	100	100	100	94.6	92.8	71.4
>= .04	92.2	76.3	79.2	95.6	100	100	100	100	100	100	93.8	91.5	70.6
>= .06	92.0	76.3	79.2	95.6	100	100	100	100	100	100	93.3	91.3	69.5
>= .09	91.7	76.1	79.2	95.6	100	100	100	100	100	100	92.2	91.2	66.7
>= .10	91.4	75.8	79.2	95.6	100	100	100	100	100	100	91.9	90.0	64.2
>= .20	86.0	60.3	72.7	91.5	99.9	100	100	100	100	98.5	81.7	78.0	51.4
>= .30	81.6	51.8	68.9	89.7	98.7	100	100	100	100	94.1	74.5	65.8	37.3
>= .40	79.2	48.3	66.1	88.7	98.2	100	100	100	99.6	90.6	70.1	58.5	32.4
>= .60	75.0	41.2	61.2	87.8	97.9	100	100	100	98.4	83.5	61.7	47.8	23.2
>= .90	71.3	30.6	58.6	85.8	97.8	100	100	100	97.1	75.3	55.6	40.3	17.9
>= 1.30	68.0	23.9	54.8	84.5	97.8	100	100	100	93.8	67.9	49.0	32.0	15.3
>= 1.90	64.5	19.6	48.9	81.4	97.8	100	100	100	88.7	58.8	43.3	26.5	12.6
>= 2.70	60.6	15.5	43.2	77.4	96.6	99.4	100	99.4	81.8	49.8	37.4	20.5	10.5
>= 4.00	55.6	12.7	38.6	68.5	93.0	96.3	100	96.2	72.7	38.5	32.1	15.4	7.6
>= 5.80	51.0	8.8	34.8	61.1	89.9	93.1	97.2	93.5	64.2	29.1	27.9	11.4	5.5
>= 8.40	45.1	5.5	29.1	52.9	82.6	89.4	93.1	86.1	53.1	20.5	20.8	8.2	4.4
>= 12.00	39.9	3.8	23.2	46.6	72.0	82.8	89.4	78.0	45.0	15.9	16.1	5.9	3.6
>= 18.00	32.1	1.7	16.5	37.4	55.3	69.0	78.0	65.0	35.2	11.2	12.8	3.5	2.4
>= 26.00	24.6	1.3	11.1	27.4	39.6	55.6	63.2	50.6	27.4	7.6	9.8	2.8	1.7
>= 38.00	18.3	.3	8.6	20.7	26.8	42.4	47.9	37.7	20.8	5.6	7.3	2.2	.9
>= 55.00	12.9	.1	5.9	15.4	19.1	28.3	33.4	27.9	14.1	3.9	5.7	1.5	.8
>= 80.00	8.6		3.7	9.9	12.4	17.2	23.1	18.9	10.1	3.3	3.6	.8	.4
>= 120.00	5.5		2.5	7.3	8.2	11.8	13.7	11.2	6.0	2.1	2.4	.7	.3
>= 170.00	3.6		1.8	5.2	5.5	7.3	7.9	8.0	4.3	1.2	1.6	.4	.1
>= 250.00	2.2		.9	3.3	3.0	4.6	5.5	4.3	3.0	.9	1.0	.1	.1
>= 360.00	1.2		.1	1.7	1.3	3.0	3.3	2.4	2.0	.9	.4	.1	
>= 520.00	.6		.1	1.1	.4	1.4	2.1	1.6	.7	.3	.2		
>= 760.00	.3		.1	.4	.1	.6	1.0	.9	.1	.3	.1		
>= 1100.00	.1		.1			.4	.4	.1		.1			
>= 1600.00						.1	.2	.1					
>= 2300.00							.1	.1					

STATION 03305500 GREEN RIVER NEAR MOUNT SALEM, KY. 1953-1961

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .04	92.8	72.6	70.4	91.5	100	100	100	100	100	100	100	100	79.6
>= .06	90.2	55.2	63.8	91.1	100	100	100	100	100	100	100	100	72.9
>= .09	90.2	55.2	63.8	91.1	100	100	100	100	100	100	100	100	72.9
>= .10	90.2	55.2	63.8	91.1	100	100	100	100	100	100	100	100	72.9
>= .20	86.4	49.2	58.8	85.9	100	100	100	100	100	99.2	96.8	94.4	52.5
>= .30	84.6	46.8	56.3	84.3	99.2	100	100	100	100	98.8	93.1	88.3	48.3
>= .50	81.7	42.3	55.4	81.5	96.4	100	100	100	100	97.5	87.9	79.0	40.8
>= .60	81.0	41.9	55.4	81.5	96.4	100	100	100	100	95.8	86.3	75.8	39.2
>= .90	78.0	35.1	53.8	81.5	95.2	100	100	100	100	90.4	82.7	65.7	32.5
>= 1.20	75.0	23.4	52.9	81.5	94.8	100	100	100	100	85.4	76.2	58.9	27.9
>= 1.60	72.0	15.7	52.5	81.5	94.8	100	100	100	99.2	81.3	69.8	46.8	24.2
>= 2.20	68.0	8.9	43.3	81.5	94.8	100	100	100	95.6	75.4	61.3	36.7	20.0
>= 3.10	63.4	4.4	33.3	80.6	92.3	100	100	100	88.7	68.3	50.4	29.4	15.8
>= 4.20	60.4	2.8	28.3	77.4	88.7	99.6	100	100	81.9	63.3	46.8	25.4	13.3
>= 5.80	55.3	1.6	26.3	64.1	86.7	94.7	100	100	71.8	50.8	40.7	20.6	9.2
>= 8.00	51.1	1.2	22.9	55.6	85.9	91.2	100	99.2	62.1	39.2	35.5	15.3	7.1
>= 11.00	46.7	.8	20.0	48.0	79.0	90.3	96.8	94.2	52.0	31.7	31.5	12.5	6.3
>= 15.00	40.5	.8	15.4	38.7	65.7	85.8	95.2	82.5	40.3	25.4	25.8	8.1	4.6
>= 21.00	35.4	.4	13.8	35.1	56.0	80.5	85.5	70.8	31.9	22.5	21.4	6.9	3.3
>= 28.00	30.6	.4	10.4	28.2	47.6	75.7	77.4	61.7	26.6	17.9	18.1	4.0	2.1
>= 39.00	25.0	.4	8.3	20.6	36.7	64.2	67.3	50.0	22.6	13.8	13.7	3.2	1.7
>= 54.00	20.3	.4	6.3	15.3	29.0	57.1	51.6	39.6	19.0	12.1	12.1	2.8	1.3
>= 74.00	16.1	.4	5.0	12.5	19.8	46.5	41.1	32.1	14.5	9.6	10.5	2.4	.8
>= 100.00	12.3		3.3	8.8	14.9	34.9	32.2	24.5	12.5	7.5	7.6	2.4	.8
>= 140.00	8.8		1.6	5.6	12.0	23.8	25.0	18.3	8.8	5.4	4.4	1.6	
>= 190.00	6.8		.8	4.0	10.0	20.7	17.7	14.1	6.0	5.0	2.8	1.2	
>= 260.00	5.0		.8	3.6	8.0	16.3	11.2	9.5	4.4	4.5	2.0	.4	
>= 360.00	3.3		.8	2.4	6.0	11.5	6.4	6.2	3.2	1.6	1.6	.4	
>= 490.00	2.0		.8	2.0	2.8	7.5	4.0	3.7	2.0	1.6	.8		
>= 680.00	1.3		.4	1.2	1.6	4.8	2.8	2.0	1.2	1.6			
>= 930.00	.7		.4	.8	1.2	2.6	1.6	1.6	.4	.8			
>= 1300.00	.2		.4		.4	.4	.4	.8		.8			
>= 1800.00			.4										

STATION 03306000 GREEN RIVER NEAR CAMPBELLSVILLE, KY. 1931-1932 1964-1968 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 1.2	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 1.8	99.3	95.9	100	99.5	100	100	100	100	100	100	100	100	96.7
>= 2.4	98.6	90.3	100	99.5	100	100	100	100	100	100	100	100	93.9
>= 3.2	97.9	84.8	100	99.5	100	100	100	100	100	100	100	100	91.1
>= 4.3	97.3	81.1	99.5	99.5	100	100	100	100	100	100	100	100	88.9
>= 5.8	96.3	74.2	98.6	99.1	100	100	100	100	100	100	100	99.5	86.1
>= 7.8	95.5	73.7	97.1	99.1	100	100	100	100	100	100	100	94.1	82.2
>= 11.0	94.0	71.4	89.5	98.6	100	100	100	100	100	100	100	90.3	79.4
>= 14.0	92.2	68.2	81.9	96.8	100	100	100	100	100	100	99.5	84.9	76.1
>= 19.0	89.3	65.0	73.3	95.4	100	100	100	100	100	98.3	98.4	77.4	64.4
>= 26.0	85.8	61.3	62.9	90.3	100	99.5	100	100	100	97.2	94.1	67.2	57.2
>= 35.0	81.7	59.0	52.9	79.7	98.6	96.5	100	100	100	93.9	89.2	60.2	51.7
>= 47.0	76.5	54.8	47.1	71.0	94.9	96.0	100	100	100	88.9	76.3	51.6	36.7
>= 63.0	71.4	40.6	44.8	64.5	93.1	96.0	100	100	100	80.6	62.4	48.4	26.1
>= 85.0	67.3	34.1	42.9	63.1	90.3	96.0	100	100	98.4	68.9	50.0	43.5	18.3
>= 110.0	63.7	29.5	40.0	60.8	86.6	96.0	100	100	97.3	58.9	43.0	35.5	13.3
>= 150.0	59.1	23.5	37.1	59.4	82.0	96.0	100	97.2	92.5	47.8	34.9	23.1	10.6
>= 210.0	53.6	18.9	33.3	58.5	77.9	91.0	92.6	93.9	80.1	37.8	27.4	18.3	7.2
>= 280.0	49.9	14.3	30.5	57.1	75.6	87.4	87.1	92.8	71.0	31.1	25.3	14.5	5.6
>= 380.0	44.3	8.3	24.8	56.2	71.0	77.4	82.0	90.0	54.3	26.1	21.5	11.3	1.7
>= 510.0	38.8	3.7	19.5	54.8	67.7	65.3	75.1	83.9	39.8	20.0	17.7	9.1	1.1
>= 690.0	30.9	.9	11.9	45.6	52.1	54.8	66.4	68.9	30.1	12.8	14.0	6.5	1.1
>= 930.0	25.1	.5	7.6	39.2	39.2	43.7	57.6	56.1	25.3	10.0	11.8	4.3	.6
>= 1300.0	18.9		5.7	28.5	26.2	30.1	47.4	41.6	22.5	7.2	11.2	2.6	
>= 1700.0	15.0		4.7	24.4	22.5	18.5	39.6	30.5	18.2	6.1	9.6	2.1	
>= 2300.0	11.1		3.3	19.8	14.7	10.0	34.1	20.5	15.5	2.7	7.5	2.1	
>= 3100.0	8.2		1.4	15.6	9.6	5.5	28.5	12.2	13.9	2.2	6.9	.5	
>= 4100.0	5.8			10.5	7.3	3.0	22.1	7.2	11.2	1.1	5.9		
>= 5600.0	3.3			4.6	4.1	2.5	14.2	5.5	4.3		3.7		
>= 7500.0	1.8			1.8	4.1	.5	9.6	2.7			1.6		
>= 10000.0	.8			1.3	2.3	.5	4.6						
>= 14000.0	.4				1.8		2.7						
>= 18000.0	.2				1.3		1.8						
>= 25000.0					.4								

STATION 03306000 GREEN RIVER NEAR CAMPBELLSVILLE, KY. 1970-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 24	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 29	99.3	95.7	98.9	100	100	100	100	100	100	100	100	99.6	97.8
>= 34	99.1	94.6	98.9	100	100	100	100	100	100	100	100	98.6	96.7
>= 41	99.0	94.6	98.9	100	100	100	100	100	100	100	100	98.2	96.7
>= 49	99.0	94.6	98.9	100	100	100	100	100	100	100	100	98.2	96.7
>= 58	98.9	94.6	98.9	100	100	100	100	100	100	100	99.3	97.5	96.7
>= 69	97.7	94.6	98.9	100	100	100	97.5	100	100	99.3	89.2	96.1	96.7
>= 83	93.0	87.8	87.8	98.2	100	100	91.0	97.0	97.1	96.3	78.9	86.4	96.3
>= 99	86.6	86.4	87.8	98.2	100	100	88.2	84.1	88.9	82.2	58.8	70.6	95.2
>= 120	82.0	85.7	85.6	96.4	100	100	86.7	79.3	87.8	74.4	48.4	59.1	82.2
>= 140	75.5	82.4	85.2	96.1	100	97.6	80.6	77.4	82.1	55.2	41.6	45.2	64.1
>= 170	68.7	60.9	75.6	95.3	92.8	96.1	78.9	70.0	78.1	50.7	37.3	36.6	53.3
>= 200	65.5	58.8	75.2	89.2	90.0	93.7	71.7	67.8	76.7	47.0	34.1	34.4	49.6
>= 240	62.5	57.7	74.4	79.6	87.1	92.9	70.3	65.2	72.4	41.9	31.9	33.3	45.6
>= 290	57.6	52.7	73.0	72.8	83.5	89.4	64.5	58.1	63.4	37.0	25.4	29.7	43.0
>= 340	54.8	46.6	72.6	69.5	80.3	87.8	61.3	51.1	62.4	35.2	22.9	28.0	41.9
>= 410	51.7	45.2	71.5	67.4	76.0	82.3	59.5	46.7	58.4	29.6	20.8	25.1	40.7
>= 480	50.4	44.1	70.7	64.5	74.9	81.9	58.8	46.3	55.6	27.8	19.7	22.6	40.0
>= 580	47.8	41.9	69.3	61.3	71.0	78.3	55.9	45.6	50.5	24.1	19.0	21.5	37.0
>= 690	43.7	38.0	65.6	54.8	65.5	70.1	52.7	43.7	47.3	22.2	17.2	18.6	30.7
>= 820	40.9	36.6	64.4	51.6	64.2	65.7	50.5	38.9	43.4	16.7	15.8	17.9	26.3
>= 980	36.6	33.0	56.3	47.7	58.8	59.8	45.5	37.0	41.6	12.6	14.0	14.7	19.6
>= 1200	31.6	28.7	42.6	41.6	52.3	54.3	40.1	32.2	36.2	10.4	11.1	12.9	17.8
>= 1400	28.4	22.9	34.0	39.4	48.3	51.1	37.2	30.0	33.3	8.5	10.7	11.1	15.9
>= 1700	24.2	19.7	28.1	28.6	43.0	44.8	30.8	26.2	31.8	6.2	9.3	10.0	12.9
>= 2000	21.8	15.7	24.8	27.5	39.0	42.1	26.1	24.4	30.1	5.9	7.1	8.6	11.4
>= 2400	18.8	14.3	21.4	23.2	35.4	36.2	21.8	19.6	26.5	3.7	5.7	7.8	10.7
>= 2800	16.0	10.3	17.7	19.3	32.6	28.3	18.6	18.5	23.2	3.3	3.9	6.8	10.3
>= 3400	11.7	5.3	9.6	16.4	28.6	16.1	10.7	17.0	19.3	1.8	3.5	2.1	9.6
>= 4000	9.0	5.0	5.9	13.9	24.7	12.2	7.8	13.7	16.1	1.8	2.8	1.4	3.3
>= 4800	5.0	3.2	2.5	11.4	13.2	4.7	5.7	8.8	10.0		.7		
>= 5800	2.4		1.4	6.4	8.2	.7	2.8	4.0	5.0				
>= 6900	.3			.3	2.1		1.4						
>= 8200					.7								

STATION 03306000 GREEN RIVER NEAR CAMPBELLSVILLE, KY. 1931-1932 1964-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 1.2	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 1.8	99.7	98.3	99.8	99.8	100	100	100	100	100	100	100	100	98.8
>= 2.4	99.4	96.0	99.8	99.8	100	100	100	100	100	100	100	100	97.7
>= 3.2	99.2	93.7	99.8	99.8	100	100	100	100	100	100	100	100	96.7
>= 4.3	98.9	91.8	99.6	99.8	100	100	100	100	100	100	100	100	95.8
>= 5.8	98.5	88.8	99.0	99.6	100	100	100	100	100	100	100	99.8	94.8
>= 7.8	98.0	88.2	97.6	99.6	100	100	100	100	100	100	100	97.8	93.3
>= 11.0	97.4	87.1	94.1	99.4	100	100	100	100	100	100	100	96.4	92.3
>= 14.0	96.6	85.6	90.6	98.7	100	100	100	100	100	100	99.8	94.4	91.0
>= 19.0	95.3	82.9	85.7	98.1	100	10	100	100	100	99.4	99.4	91.5	86.7
>= 26.0	93.6	80.3	80.6	96.0	100	99.8	100	100	100	99.0	97.8	87.7	82.9
>= 35.0	91.5	75.9	75.7	91.7	99.4	98.5	99.8	99.8	100	97.7	96.0	84.3	80.0
>= 47.0	88.6	73.6	72.9	88.0	97.5	97.3	95.3	96.5	100	95.8	91.1	80.8	74.4
>= 63.0	84.7	67.4	72.0	85.4	97.2	96.0	93.4	94.0	96.2	87.1	79.2	78.8	70.4
>= 85.0	79.5	60.9	65.3	83.9	96.0	96.0	89.4	90.4	90.3	80.0	63.7	70.8	67.3
>= 110.0	73.4	57.9	63.1	82.9	94.5	96.0	87.1	83.1	86.1	65.4	48.2	57.1	58.3
>= 150.0	65.0	50.9	57.8	79.7	92.4	94.8	83.7	76.5	80.2	48.5	36.9	36.5	39.8
>= 210.0	57.8	38.7	54.3	74.8	84.6	90.6	75.9	73.1	72.6	39.6	29.2	26.8	30.2
>= 280.0	52.5	33.8	52.2	65.5	82.2	87.5	70.0	68.5	62.3	32.7	23.8	22.4	26.5
>= 380.0	47.4	27.3	48.8	62.0	75.1	80.7	65.5	61.5	54.8	27.7	20.4	18.8	23.8
>= 510.0	43.3	24.7	46.1	59.0	71.2	73.2	61.7	57.3	45.6	22.7	17.5	16.1	22.3
>= 690.0	36.8	20.5	40.0	49.5	59.2	63.2	55.2	50.4	37.9	17.3	14.9	12.9	17.7
>= 930.0	31.3	18.2	35.1	42.9	51.2	54.3	48.8	42.5	33.3	12.7	12.7	10.3	11.5
>= 1300.0	24.3	13.6	23.5	33.7	39.4	43.0	40.2	32.9	27.8	7.9	10.2	8.0	9.7
>= 1700.0	19.3	10.4	16.8	25.2	33.5	3.8	32.6	26.2	24.7	5.8	8.8	6.4	7.2
>= 2300.0	15.0	7.9	13.3	21.4	25.4	23.9	25.8	18.9	21.1	3.7	6.4	5.2	6.2
>= 3100.0	10.7	3.7	7.4	16.1	20.4	14.7	18.7	14.3	17.1	2.0	4.6	2.2	5.4
>= 4100.0	7.1	2.4	3.1	11.7	15.3	7.2	13.2	10.4	13.3	1.4	3.8	.8	1.8
>= 5600.0	2.8		.9	5.6	6.8	1.4	7.4	4.7	4.4		1.6		
>= 7500.0	.7			.7	2.6	.2	3.9	1.0			.6		
>= 10000.0	.3			.5	.9	.2	1.8						
>= 14000.0	.1				.7		1.1						
>= 18000.0	.1				.5		.7						
>= 25000.0					.1								

STATION 03306500 GREEN RIVER AT GREENSBURG, KY. 1940-1976

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .30	100	100	100	100	100	100	100	100	100	100	100	100	100
>= .60	99.9	98.8	100	100	100	100	100	100	100	100	100	100	100
>= .80	99.8	97.5	100	100	100	100	100	100	100	100	100	100	99.7
>= 1.10	99.7	97.3	100	100	100	100	100	100	100	100	100	100	99.7
>= 1.60	99.7	97.3	100	100	100	100	100	100	100	100	100	99.9	99.0
>= 2.20	99.4	95.8	99.1	100	100	100	100	100	100	100	100	99.7	98.8
>= 3.10	99.2	94.4	98.3	100	100	100	100	100	100	100	100	99.6	98.1
>= 4.40	98.8	91.5	98.1	100	100	100	100	100	100	100	99.8	99.4	97.4
>= 6.30	98.1	88.8	97.1	100	100	100	100	100	100	100	99.4	98.9	93.4
>= 8.90	97.1	84.2	95.3	99.9	100	100	100	100	100	100	99.2	98.6	88.3
>= 13.00	95.3	75.0	92.0	99.6	100	100	100	100	100	100	98.8	95.7	82.9
>= 18.00	93.3	70.4	86.0	98.7	100	100	100	100	100	100	97.8	92.3	74.7
>= 25.00	91.0	64.2	81.1	96.3	100	100	100	100	100	100	95.7	87.4	68.1
>= 35.00	88.3	57.0	76.4	93.5	99.9	100	100	100	100	99.6	91.8	80.8	61.5
>= 50.00	85.1	51.9	72.1	89.8	98.4	99.5	100	100	99.1	98.6	86.9	72.5	53.1
>= 70.00	80.8	44.8	65.9	86.9	97.2	99.4	99.6	99.6	97.6	93.1	78.9	63.7	44.0
>= 99.00	75.0	35.5	55.7	83.4	94.8	99.4	97.8	97.4	96.4	84.8	67.5	53.2	36.2
>= 140.00	68.1	27.0	47.0	76.5	94.0	97.7	95.5	96.0	91.8	70.1	53.0	40.4	30.4
>= 200.00	59.8	16.7	41.3	69.8	91.5	94.6	93.0	80.7	80.7	53.1	39.9	27.3	18.1
>= 280.00	53.0	13.1	36.6	61.5	85.7	90.5	89.9	88.1	66.8	40.2	32.6	19.4	14.2
>= 390.00	46.7	9.9	32.4	54.8	77.2	85.2	86.0	82.4	53.4	29.9	26.0	14.2	12.2
>= 560.00	40.1	8.3	27.9	48.2	68.0	76.1	80.4	70.1	41.7	22.2	20.8	9.3	10.5
>= 790.00	33.2	5.8	23.1	40.2	56.4	67.3	71.2	57.1	32.8	15.6	17.1	6.6	7.6
>= 1100.00	26.5	4.0	18.4	32.2	46.4	56.8	58.5	43.9	25.2	11.2	12.5	4.4	6.2
>= 1600.00	19.0	2.2	10.5	24.1	34.4	42.2	43.1	29.9	19.0	7.9	8.2	3.4	4.7
>= 2200.00	14.3	1.1	7.5	19.0	27.2	31.3	31.8	21.5	14.7	5.9	6.0	2.4	3.7
>= 3100.00	9.8	.6	5.4	14.6	18.3	19.9	21.5	14.2	11.3	3.7	3.7	1.6	2.8
>= 4400.00	6.1	.6	2.8	9.1	12.7	12.6	14.4	8.2	7.2	2.6	2.5	.6	.7
>= 6200.00	3.1		1.6	4.6	7.2	7.1	8.7	3.8	2.3	1.1	.7		
>= 8800.00	1.4		.6	1.7	3.6	4.0	4.3	1.6	.5	.6			
>= 12000.00	.7		.4	.8	1.5	2.1	2.1	.9	.1	.2			
>= 18000.00	.2			.1	.5	.7	.8			.1			
>= 25000.00						.2	.2						
>= 35000.00							.1						

STATION 03307000 RUSSELL CREEK NEAR COLUMBIA, KY. 1940-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .30	100	100	100	100	100	100	100	100	100	100	100	100	100
>= .50	100	99.8	100	100	100	100	100	100	100	100	100	100	99.9
>= .70	99.9	99.3	100	100	100	100	100	100	100	100	100	100	99.9
>= 1.00	99.8	98.0	100	100	100	100	100	100	100	100	100	100	99.7
>= 1.40	99.7	97.4	100	100	100	100	100	100	100	100	100	100	98.9
>= 1.90	99.5	97.0	100	100	100	100	100	100	100	100	100	99.9	97.6
>= 2.60	99.3	96.3	100	100	100	100	100	100	100	100	100	99.6	95.7
>= 3.60	98.9	94.8	100	100	100	100	100	100	100	100	100	99.2	92.6
>= 5.00	97.9	90.9	100	100	100	100	100	100	100	99.8	99.4	97.4	87.6
>= 6.80	96.3	85.7	98.8	99.8	100	100	100	100	100	99.6	97.7	93.7	80.3
>= 9.30	93.6	79.2	95.6	97.8	99.8	100	100	100	100	98.7	94.7	86.7	71.1
>= 13.00	90.6	70.5	91.1	96.2	99.8	100	100	100	99.7	97.0	91.6	80.6	61.5
>= 18.00	85.8	60.2	83.4	91.6	99.1	100	100	100	99.3	93.8	85.4	68.0	49.2
>= 24.00	80.4	46.7	73.8	88.3	98.3	99.7	99.9	100	98.6	88.9	76.8	55.4	39.7
>= 33.00	73.7	33.0	61.6	83.1	96.9	99.3	99.7	100	96.5	78.8	63.3	43.7	29.9
>= 45.00	67.1	24.8	52.6	76.7	94.0	98.1	99.4	100	87.4	65.0	50.7	35.8	22.6
>= 62.00	59.4	18.4	41.8	67.8	88.5	94.2	97.8	97.4	73.9	50.7	39.9	26.7	17.7
>= 85.00	53.0	13.0	34.3	61.9	82.0	90.5	96.4	92.7	60.8	39.8	32.4	19.6	14.6
>= 120.00	45.7	9.7	27.7	55.3	72.6	82.7	92.0	81.7	46.8	30.3	25.1	14.3	12.1
>= 160.00	39.0	6.8	23.3	47.0	64.6	74.3	84.4	69.0	37.5	23.2	19.5	11.2	9.6
>= 220.00	31.4	4.6	18.3	38.1	53.9	63.2	70.6	52.7	27.4	17.8	14.8	8.9	7.9
>= 300.00	23.9	3.2	12.6	28.2	43.5	51.8	55.3	38.4	19.6	13.2	11.5	6.0	5.4
>= 410.00	17.5	1.9	8.7	21.0	32.2	39.8	40.3	27.7	14.2	9.2	8.3	4.3	3.6
>= 560.00	11.9	1.2	6.3	14.8	22.4	27.2	28.4	17.5	9.3	6.4	5.2	2.9	2.4
>= 770.00	7.9	.9	4.2	10.3	15.8	17.7	19.4	11.3	5.7	4.0	3.0	2.0	1.6
>= 1100.00	4.9	.4	2.1	6.5	10.5	11.2	11.6	7.0	3.5	2.2	1.9	1.0	1.0
>= 1500.00	3.0	.3	1.7	4.6	6.5	6.8	6.6	4.0	2.0	1.6	.9	.4	.5
>= 2000.00	2.0	.2	1.2	3.2	4.3	4.7	4.8	2.5	1.1	.9	.4	.3	.5
>= 2700.00	1.3	.1	.7	1.7	2.8	3.4	3.5	1.4	.8	.5	.4	.1	.2
>= 3700.00	.7	.1	.5	.9	1.5	1.7	2.4	.6	.2	.3	.3		
>= 5100.00	.3			.3	.7	.9	.9	.3		.1			
>= 7000.00	.1			.1	.4	.1	.4	.1					
>= 9600.00							.2						

STATION 03307100 RUSSELL CREEK NEAR GRESHAM, KY. 1964-1975

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 5.3	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 6.8	99.6	99.1	100	100	100	100	100	100	100	100	99.7	99.4	96.4
>= 8.7	98.5	98.2	100	100	100	100	100	100	100	100	98.2	94.1	91.5
>= 11.0	97.0	94.7	100	100	100	100	100	100	100	100	97.7	88.0	83.6
>= 14.0	95.1	86.2	100	100	100	100	100	100	100	100	97.1	83.0	75.5
>= 18.0	52.2	77.7	90.3	100	100	100	100	100	100	98.8	94.4	76.0	69.7
>= 22.0	89.3	70.1	84.2	95.6	100	100	100	100	100	98.2	91.2	68.3	63.9
>= 28.0	86.0	63.6	79.7	91.8	100	100	100	100	100	97.3	80.4	59.5	60.3
>= 36.0	81.8	54.8	69.1	90.0	100	100	100	100	100	95.2	70.1	52.5	51.5
>= 45.0	78.2	47.8	64.5	88.6	100	100	100	100	100	87.3	62.5	46.0	43.3
>= 57.0	74.3	43.1	60.6	85.3	98.8	100	100	100	97.7	76.7	54.3	41.1	36.1
>= 72.0	70.1	37.8	57.6	81.8	98.2	100	100	99.1	92.4	63.0	47.5	33.1	32.4
>= 91.0	64.6	26.7	52.7	78.6	96.8	98.4	96.2	95.8	83.9	49.4	41.9	28.2	28.2
>= 120.0	58.1	20.2	46.1	71.0	93.3	95.5	93.3	93.0	71.0	37.9	35.2	20.2	23.3
>= 150.0	52.8	14.4	39.4	66.0	89.4	89.7	90.9	87.9	60.1	31.2	29.0	17.0	20.9
>= 190.0	46.8	10.3	33.0	60.4	82.1	84.2	84.5	80.6	49.6	24.2	24.0	14.4	16.4
>= 230.0	41.7	6.5	29.1	55.1	75.1	75.2	77.4	75.2	41.6	21.2	19.9	11.7	14.8
>= 300.0	34.9	3.2	22.4	46.0	66.0	67.4	66.3	63.3	34.6	15.2	15.5	9.1	11.8
>= 380.0	29.1	2.3	17.0	37.0	56.6	58.1	57.5	54.8	27.6	12.4	11.1	7.9	9.1
>= 480.0	24.0	2.1	12.4	29.9	44.9	50.0	48.7	45.2	22.6	10.3	9.7	7.0	7.0
>= 600.0	18.8	.9	9.4	24.6	32.8	38.7	37.0	35.8	18.8	7.9	7.9	6.5	6.4
>= 760.0	14.7	.9	7.9	19.6	24.0	28.4	30.5	27.0	15.5	5.5	6.7	5.6	5.5
>= 960.0	10.8	.9	4.8	16.7	17.0	18.7	22.0	19.7	12.3	4.8	4.7	4.4	3.9
>= 1200.0	7.6	.5	3.0	11.7	12.6	13.5	14.9	13.3	8.5	3.6	3.5	3.5	3.0
>= 1500.0	5.6		2.1	9.0	9.0	9.6	10.8	10.6	6.7	2.7	2.9	2.6	2.1
>= 2000.0	3.6		1.2	6.7	6.4	4.5	7.3	6.3	4.6	1.5	1.4	2.0	1.5
>= 2500.0	2.6		.6	4.6	4.3	3.2	5.5	4.8	3.5	.6	1.4	1.1	1.2
>= 3100.0	2.1		.6	3.8	3.5	2.5	5.2	3.6	2.3	.6	.8	1.1	.9
>= 4000.0	1.4		.6	1.7	2.0	1.6	3.8	2.4	1.7	.3	.8	.8	.9
>= 5000.0	1.0		.6	1.7	1.1	.3	2.9	1.8	1.1	.3	.8	.5	.6
>= 6400.0	.5		.6	1.1	.8	.3	2.3	.6	.5		.2	.2	
>= 8100.0	.3		.6	.8	.8	.3	1.1	.3			.2	.2	
>= 10000.0	.1		.3		.2		.5					.2	
>= 13000.0							.2						

STATION 03307500 SOUTH FORK LITTLE BARREN RIVER AT EDMONTON, KY. 1941-1972

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= .01	88.6	66.6	91.2	97.7	99.1	100	100	100	100	96.1	84.7	68.7	60.3
>= .02	88.3	66.0	90.8	97.4	99.1	100	100	100	100	96.1	84.3	68.4	59.2
>= .04	88.0	65.7	90.2	97.2	99.1	100	100	100	100	95.8	83.8	68.1	57.3
>= .05	87.8	65.7	89.9	97.2	99.1	100	100	100	100	95.7	83.6	67.8	56.3
>= .08	85.9	62.2	87.6	95.9	99.1	100	100	100	100	94.1	79.0	63.1	50.8
>= .10	85.6	61.6	87.2	95.9	99.1	100	100	100	100	93.9	78.4	62.9	49.7
>= .20	82.7	54.7	82.8	93.8	99.0	100	100	100	100	91.0	72.8	57.3	42.4
>= .30	80.3	48.5	77.6	92.8	99.0	100	100	100	100	88.4	68.1	52.2	38.4
>= .50	76.9	39.9	72.6	91.7	98.9	100	100	100	99.9	83.1	62.1	44.0	32.8
>= .70	73.9	33.7	67.3	89.4	98.9	100	100	100	99.2	78.0	56.4	38.6	28.5
>= .90	71.7	30.2	62.3	86.8	98.5	100	100	100	98.5	73.9	52.7	34.9	26.0
>= 1.30	68.3	25.1	57.1	82.4	97.9	100	100	100	95.8	64.8	47.5	29.2	22.6
>= 1.90	63.6	18.8	51.7	76.9	96.4	99.7	100	100	89.3	52.8	38.9	23.7	18.1
>= 2.70	58.6	12.7	44.8	71.7	94.7	99.2	100	97.2	77.7	43.0	32.5	18.8	14.7
>= 3.80	54.0	10.5	38.7	66.4	91.3	97.5	98.6	94.9	65.8	34.0	26.5	16.0	11.2
>= 5.40	49.2	7.5	32.0	60.7	86.3	94.1	97.1	90.5	55.2	27.1	21.3	13.0	9.6
>= 7.70	44.1	5.3	26.5	54.3	78.5	88.7	95.7	82.4	44.2	22.2	17.9	10.2	7.4
>= 11.00	39.0	4.1	22.2	48.0	68.9	81.2	91.5	73.1	36.1	18.4	14.3	8.1	6.3
>= 16.00	31.9	2.9	17.2	39.0	56.1	68.5	79.9	59.1	27.6	13.8	10.3	6.0	5.6
>= 22.00	25.5	2.1	13.4	29.0	44.0	59.0	65.8	46.7	21.9	10.6	8.0	4.0	3.9
>= 31.00	19.0	1.5	10.1	22.1	33.6	46.8	47.0	34.2	15.5	7.7	6.2	2.9	2.5
>= 44.00	13.4	.8	7.0	16.4	24.1	32.9	32.5	22.7	11.0	6.0	4.4	2.0	1.9
>= 63.00	9.5	.5	5.2	12.1	17.6	23.6	22.3	15.7	7.5	4.3	3.5	1.5	1.7
>= 89.00	6.6	.3	3.3	9.0	13.0	17.0	13.7	10.2	5.5	2.9	2.4	1.4	1.1
>= 130.00	4.3	.3	2.3	6.8	9.0	10.6	8.6	6.3	3.4	1.8	1.6	.5	.4
>= 180.00	2.9	.2	1.6	4.5	6.8	6.9	5.9	3.9	2.8	1.0	1.2	.3	.2
>= 260.00	1.7		.6	3.0	4.0	4.6	3.8	1.9	1.4	.6	.9	.2	.1
>= 360.00	.9		.3	1.5	2.6	2.6	1.9	1.1	.5	.4	.7		.1
>= 520.00	.4		.1	1.0	1.1	.9	.9	.6	.3	.2	.2		
>= 730.00	.1			.2	.3	.2	.4	.1			.2		
>= 1000.00						.1	.1						

STATION 03308500 GREEN RIVER AT MUNFORDSVILLE, KY. 1915-1923 1928-1931 1938-1968 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 42	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 53	100	100	100	100	100	100	100	100	100	100	100	100	99.6
>= 66	99.7	98.0	100	100	100	100	100	100	100	100	100	99.9	98.3
>= 82	99.2	95.9	99.7	100	100	100	100	100	100	100	100	99.6	95.5
>= 100	97.4	84.6	97.8	99.8	100	100	100	100	100	100	99.4	98.8	89.1
>= 130	93.2	70.7	88.4	98.5	100	100	100	100	100	99.9	96.6	91.5	73.5
>= 160	89.2	58.9	82.0	93.0	99.0	100	100	100	100	99.1	92.5	83.1	62.9
>= 200	84.9	50.5	75.5	88.6	97.5	99.0	100	100	99.7	97.5	84.9	74.5	51.9
>= 250	81.0	41.8	69.1	86.1	96.1	98.9	100	100	99.3	94.0	79.4	66.1	42.0
>= 320	75.5	32.3	59.1	80.8	93.9	98.8	100	100	98.8	88.7	70.0	54.0	30.6
>= 400	70.4	25.6	51.1	74.8	91.9	98.1	99.8	99.5	96.5	80.0	61.2	45.3	22.9
>= 500	65.4	20.6	45.1	68.6	90.2	97.1	99.5	99.0	90.4	68.7	52.4	36.5	18.3
>= 620	59.9	16.1	39.8	63.3	87.2	94.9	97.8	97.2	79.6	58.2	42.8	29.6	14.8
>= 780	54.3	12.4	33.9	58.5	83.8	91.1	96.5	94.3	70.2	45.6	34.2	22.0	11.3
>= 970	49.4	10.0	29.5	53.6	78.6	87.8	94.2	91.0	60.4	35.7	28.1	17.2	9.0
>= 1200	44.6	7.8	25.5	48.2	73.1	80.7	91.8	85.6	51.5	28.7	23.2	14.2	7.6
>= 1500	39.4	5.8	22.1	41.6	66.4	75.6	86.4	75.5	42.7	22.6	19.2	10.4	6.3
>= 1900	33.8	4.1	17.9	36.1	58.4	69.0	79.0	63.3	33.6	17.9	15.4	7.8	4.6
>= 2400	28.2	3.1	14.4	30.4	49.2	60.6	69.2	52.1	26.6	14.0	11.1	5.7	3.7
>= 3000	23.0	2.2	11.7	25.0	40.9	49.8	59.1	40.9	21.0	11.2	8.7	4.0	2.9
>= 3700	18.6	1.8	9.5	20.6	33.2	40.3	49.8	32.1	16.4	8.1	6.8	3.4	1.9
>= 4700	14.3	1.2	7.5	16.1	26.3	31.8	39.4	23.1	12.7	6.3	4.5	2.3	1.0
>= 5900	11.1	.9	6.1	13.4	22.0	25.4	30.7	16.3	9.4	4.2	3.1	1.6	.6
>= 7300	8.7	.6	4.7	10.6	18.4	20.5	24.1	11.6	7.0	3.8	2.4	.9	.3
>= 9200	6.6	.4	3.5	8.2	13.8	15.9	19.4	8.2	5.2	2.9	1.6	.3	.3
>= 12000	4.5		2.8	5.3	9.9	11.0	13.9	5.3	3.0	1.8	1.3	.3	
>= 14000	3.4		2.1	3.6	7.7	8.6	10.9	4.0	2.2	1.1	.8	.3	
>= 18000	1.9		1.0	1.8	5.2	5.0	6.2	1.9	1.1	1.0	.3	.2	
>= 23000	.9		.4	.9	2.8	2.8	2.9	.6	.2	.5		.1	
>= 28000	.5		.2	.4	1.3	2.0	1.5	.4					
>= 35000	.2		.1	.3	.5	.7	.6	.2					
>= 44000						.1	.3						
>= 55000							.1						

STATION 03308500 GREEN RIVER AT MUNFORDSVILLE, KY. 1970-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 194	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 230	98.8	95.3	90	100	100	100	100	100	100	100	100	100	100
>= 270	97.6	92.5	89.3	98.9	100	100	100	100	100	100	98.6	97.8	94.1
>= 320	93.6	79.2	87.4	97.5	100	100	100	100	100	100	93.2	89.2	77.0
>= 370	90.0	70.6	83.0	97.1	100	100	100	100	98.6	99.3	84.2	80.3	67.8
>= 440	85.9	65.9	80.7	95.7	100	100	100	100	95.7	92.6	69.5	66.7	64.4
>= 520	82.5	61.3	79.3	95.0	99.3	99.6	100	100	92.1	84.1	61.3	56.6	62.6
>= 610	77.9	58.8	78.1	90.3	97.5	99.2	100	100	89.6	69.3	47.7	50.5	55.9
>= 720	73.4	53.4	77.4	86.0	96.4	99.2	100	96.7	81.7	56.3	41.2	42.7	51.5
>= 850	69.0	49.8	73.7	81.7	92.5	96.1	99.6	89.3	76.7	48.5	36.6	38.0	47.8
>= 1000	65.5	47.3	71.5	77.1	91.8	94.5	95.7	82.2	72.4	44.1	31.5	35.1	45.2
>= 1200	61.6	44.8	69.3	73.8	89.6	92.1	92.8	77.0	67.7	40.4	27.6	31.2	35.2
>= 1400	58.3	39.8	63.0	72.4	86.7	90.2	90.3	73.0	64.5	37.0	25.1	28.7	30.7
>= 1600	54.9	35.8	56.7	68.1	82.1	88.6	86.0	70.7	60.6	34.8	23.7	26.9	26.3
>= 1900	50.4	28.0	51.9	63.4	77.4	83.9	81.7	65.2	54.8	28.9	21.5	25.4	24.4
>= 2300	45.5	24.7	42.2	57.7	73.8	79.1	75.3	60.0	50.9	23.7	18.3	22.2	20.4
>= 2700	41.7	23.7	37.0	51.6	71.3	75.6	69.5	55.9	46.2	17.0	16.1	20.1	18.5
>= 3100	37.8	21.1	33.7	47.0	66.7	71.7	63.4	51.1	41.2	12.6	13.6	16.8	17.0
>= 3700	32.9	15.4	28.9	42.3	58.1	64.2	56.6	43.0	38.0	9.6	10.4	14.7	15.6
>= 4400	27.5	11.8	20.0	35.8	53.0	55.5	43.4	38.9	34.8	8.1	7.2	9.7	13.3
>= 5200	22.1	10.0	12.6	30.8	50.5	44.5	31.5	31.5	30.5	5.6	6.1	6.8	5.9
>= 6100	16.8	5.4	6.7	24.7	45.2	29.5	25.4	27.4	21.9	3.7	2.9	4.3	4.8
>= 7100	10.9	2.5	3.3	17.9	29.0	18.1	19.4	17.4	13.6	1.9	2.5	1.8	3.0
>= 8400	5.6	1.4	2.5	7.1	18.2	7.4	11.1	9.2	6.8	1.1	.7	.7	1.4
>= 9900	3.6	1.0	1.8	5.7	10.3	5.5	8.2	7.0	1.4	.7	.3	.3	1.1
>= 12000	2.2	.7	1.1	3.9	5.7	3.1	5.7	4.0	.7	.7	.3	.3	.3
>= 14000	1.5	.7	1.1	2.8	3.9	2.3	4.3	2.2	.3	.7			.3
>= 16000	1.3	.7	1.1	2.5	3.5	2.3	3.9	.7		.7			
>= 19000	.7	.3	1.1	1.7	1.7	.7	2.5	.3					
>= 23000	.3		.3	.3	1.0	.3	1.7						
>= 27000	.2		.3		1.0		1.0						
>= 31000	.1				1.0		1.0						
>= 37000					.3		.7						
>= 43000					.3		.3						

STATION 03308500 GREEN RIVER AT MUNFORDSVILLE, KY. 1915-1923 1928-1931 1938-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 42	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 53	100	100	100	100	100	100	100	100	100	100	100	100	99.7
>= 66	99.7	98.4	100	100	100	100	100	100	100	100	100	99.9	98.6
>= 82	99.4	96.7	99.7	100	100	100	100	100	100	100	100	99.7	96.3
>= 100	97.9	87.6	98.2	99.8	100	100	100	100	100	100	99.5	99.0	91.2
>= 130	94.5	76.1	90.6	98.8	100	100	100	100	100	99.9	97.3	93.1	78.6
>= 160	91.2	66.3	85.0	94.4	99.2	100	100	100	100	99.3	94.0	86.4	70.0
>= 200	87.6	58.7	78.7	90.8	98.0	99.2	100	100	99.8	98.0	87.8	79.4	61.2
>= 250	84.1	50.2	71.9	88.6	96.8	99.1	100	100	99.4	95.1	83.3	72.5	52.6
>= 320	78.7	39.9	63.1	84.1	95.1	99.0	100	100	99.0	90.8	74.5	60.5	39.1
>= 400	73.5	32.5	55.6	79.1	93.5	98.5	99.8	99.6	96.7	83.2	64.3	50.3	30.1
>= 500	68.4	27.4	50.3	73.3	92.0	97.5	99.6	99.2	91.1	71.9	53.8	40.1	25.7
>= 620	62.8	23.1	45.8	67.8	89.1	95.7	98.3	97.7	81.3	59.4	43.1	32.8	21.7
>= 780	57.0	19.0	40.4	62.9	85.7	92.5	97.0	94.2	71.4	46.3	34.6	24.9	17.6
>= 970	52.2	16.4	36.4	57.6	81.1	89.2	94.3	89.8	62.1	37.1	28.4	20.3	15.4
>= 1200	47.4	14.1	32.7	52.6	75.9	83.0	91.3	84.1	53.7	30.7	23.5	17.1	12.2
>= 1500	42.1	11.2	28.1	46.3	69.2	78.3	85.7	75.1	45.5	24.8	19.7	13.2	10.2
>= 1900	36.4	8.1	23.5	40.6	61.5	71.8	78.0	63.6	36.9	19.7	16.1	10.7	7.9
>= 2400	30.8	6.8	18.8	34.6	53.2	63.8	68.5	53.1	30.2	15.3	12.1	8.3	6.5
>= 3000	25.4	5.5	15.4	28.7	45.5	53.6	58.9	42.7	24.4	11.5	9.4	6.3	5.3
>= 3700	20.9	4.2	12.8	23.9	37.5	44.3	50.0	33.8	19.9	8.3	7.3	5.3	4.2
>= 4700	15.9	2.9	8.6	18.8	30.8	34.4	38.6	24.9	16.1	6.3	4.8	3.3	2.7
>= 5900	12.2	1.8	6.5	15.3	26.0	26.3	29.5	18.3	11.8	4.6	3.0	2.1	1.3
>= 7300	8.7	.8	4.3	11.4	19.6	19.1	22.7	12.2	7.8	3.4	2.4	1.0	.8
>= 9200	6.1	.6	3.2	7.8	13.5	14.0	17.4	8.0	4.6	2.5	1.4	.4	.5
>= 12000	4.0	.1	2.5	5.0	9.0	9.4	12.2	5.0	2.6	1.6	1.1	.3	.1
>= 14000	3.0	.1	1.9	3.4	6.9	7.4	9.6	3.6	1.8	1.0	.6	.2	
>= 18000	1.7	.1	1.0	1.7	4.6	4.2	5.5	1.6	.9	.8	.2	.1	
>= 23000	.8		.4	.8	2.4	2.3	2.7	.5	.1	.4		.1	
>= 28000	.4		.2	.3	1.2	1.6	1.4	.3					
>= 35000	.2		.1	.2	.5	.6	.7	.1					
>= 44000						.1	.3						
>= 55000							.1						

STATION 03309000 GREEN RIVER AT MAMMOTH CAVE, KY. 1938-1950

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 92	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 110	99.6	96.5	99.7	100	100	100	100	100	100	100	100	99.7	99.4
>= 130	98.2	89.0	99.4	100	100	100	100	100	100	100	98.7	96.8	95.3
>= 160	94.6	63.7	97.5	98.9	100	100	100	100	100	100	97.3	94.9	83.9
>= 200	89.5	48.4	85.0	91.9	99.7	99.7	100	100	100	100	95.4	87.6	66.9
>= 240	85.3	36.3	77.2	88.2	97.0	98.5	100	100	100	99.7	89.8	83.6	54.2
>= 290	80.9	27.7	68.6	85.8	95.7	98.5	100	100	98.4	97.5	81.7	77.2	41.4
>= 350	76.9	18.3	56.4	83.9	95.4	98.5	100	100	97.8	93.9	75.3	71.5	33.1
>= 420	72.3	10.8	47.8	76.9	94.1	98.2	100	100	96.5	85.6	71.2	63.7	24.4
>= 510	67.6	8.1	41.4	68.8	93.3	96.2	99.2	100	93.8	76.1	64.2	51.9	20.0
>= 610	63.2	5.6	35.8	60.2	91.7	93.2	98.1	99.2	88.7	66.4	58.3	46.0	16.9
>= 740	58.1	4.8	31.9	54.8	85.2	88.2	95.4	98.3	80.1	57.2	49.2	38.7	14.4
>= 900	53.5	3.8	26.9	46.8	80.1	86.4	93.5	95.8	72.6	50.0	44.4	30.9	13.3
>= 1100	48.4	2.7	21.7	40.6	75.0	83.2	91.1	93.9	62.9	41.7	37.1	21.0	12.2
>= 1300	44.3	2.2	16.1	37.1	68.3	80.5	90.6	91.1	55.4	35.0	30.9	16.1	11.1
>= 1600	39.2	1.3	12.5	32.3	63.7	72.9	86.0	85.3	45.7	28.6	22.8	11.8	9.7
>= 1900	34.9	1.1	10.0	29.0	60.2	67.0	81.5	76.9	37.1	22.8	18.5	8.6	8.6
>= 2300	30.2		6.9	25.0	53.8	64.9	73.9	65.6	29.6	18.3	14.2	5.1	7.2
>= 2800	26.0		5.3	21.5	46.8	59.6	64.8	56.1	23.9	14.2	12.6	3.0	6.4
>= 3400	22.1		3.1	18.3	41.9	55.8	57.5	44.2	18.3	11.1	10.2	1.9	5.6
>= 4100	18.6		2.5	15.6	36.8	49.9	47.8	36.4	14.0	8.6	7.3	1.9	4.2
>= 5000	15.4		2.2	12.9	32.3	42.2	41.9	28.6	10.8	7.2	4.6	1.6	2.2
>= 6000	12.2		1.7	8.1	29.0	34.8	32.8	22.5	7.0	6.4	3.5	.8	1.4
>= 7300	9.8		1.3	6.1	25.0	30.6	26.6	16.1	5.3	4.7	2.6	.5	.5
>= 8800	7.7		.8	5.6	20.1	25.3	21.7	11.3	2.4	3.3	2.1		.5
>= 11000	5.7			4.3	16.1	20.3	16.9	8.3	1.3	2.5	.5		
>= 13000	4.5			3.4	13.4	15.3	12.6	6.6	1.0	2.5	.5		
>= 16000	3.3			2.6	9.9	12.3	8.3	5.2	.5	2.2			
>= 19000	2.5			2.4	7.2	10.0	6.1	3.3	.5	1.6			
>= 23000	1.6			1.6	5.6	7.0	4.0	1.1		1.1			
>= 27000	1.0			1.0	4.0	5.3	1.8	1.1					
>= 33000	.4				2.1	2.0	.8	.8					
>= 40000	.2				1.0	1.4	.2	.2					
>= 49000						.2							

STATION 03310000 NORTH FORK NOLIN RIVER AT HODGENVILLE, KY. 1941-1973

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .05	97.1	90.0	97.8	100	100	100	100	100	100	100	97.1	94.5	86.4
>= .08	97.1	90.0	97.8	100	100	100	100	100	100	100	97.1	94.5	86.3
>= .10	97.1	89.9	97.8	100	100	100	100	100	100	100	97.1	94.5	85.7
>= .20	95.7	87.1	97.2	100	100	100	100	100	100	100	93.2	89.9	81.8
>= .30	94.4	82.4	96.1	99.2	99.9	100	100	100	100	99.6	92.2	85.9	77.5
>= .40	93.5	80.4	95.7	98.7	99.9	100	100	100	100	99.2	90.8	83.4	74.1
>= .60	91.5	76.7	94.3	98.0	99.9	100	100	100	100	98.3	88.1	77.7	65.1
>= .80	90.1	75.2	93.2	97.4	99.8	100	100	100	100	97.7	84.5	73.9	60.6
>= 1.10	87.3	68.0	86.8	95.6	99.8	100	100	100	100	96.7	79.3	67.7	54.2
>= 1.50	84.0	59.0	80.5	93.5	99.8	99.9	100	100	100	93.9	75.0	62.4	45.2
>= 2.10	79.4	51.0	73.1	89.3	96.8	98.5	100	100	100	87.4	68.4	54.6	34.8
>= 3.00	73.7	41.7	63.2	77.8	93.3	98.2	100	100	98.6	79.6	59.5	47.0	27.2
>= 4.10	68.5	30.0	53.6	69.7	92.1	98.0	100	100	96.4	72.9	51.5	38.2	21.4
>= 5.70	63.7	20.3	46.5	65.7	90.2	97.9	100	99.8	92.0	60.8	45.0	31.0	17.3
>= 7.80	58.8	15.4	40.9	59.9	87.1	96.2	99.0	98.6	83.7	50.8	37.2	25.5	13.2
>= 11.00	53.0	10.8	33.6	54.6	83.6	94.8	95.4	95.7	69.2	38.5	30.9	20.0	11.3
>= 15.00	47.2	7.1	29.0	51.4	75.6	88.8	90.4	91.5	57.8	28.0	26.0	15.4	8.8
>= 21.00	41.1	4.2	23.8	46.3	67.6	79.6	86.7	81.6	45.1	20.3	20.9	12.1	7.1
>= 29.00	34.8	3.5	19.3	39.9	57.0	70.5	80.5	65.8	34.3	16.1	17.7	9.4	6.3
>= 40.00	28.2	2.6	16.4	32.3	46.0	60.3	68.6	50.0	26.2	12.1	14.0	7.1	4.5
>= 55.00	20.6	1.6	12.0	24.0	33.7	44.1	53.0	35.0	18.3	7.6	10.6	5.1	3.1
>= 76.00	14.4	.9	8.1	16.7	23.7	31.1	38.9	22.9	11.8	4.6	8.2	3.9	2.5
>= 110.00	9.3	.7	5.4	10.9	15.2	21.2	25.4	13.3	7.7	2.8	5.5	2.9	1.7
>= 150.00	6.1	.4	3.3	7.8	11.0	13.8	16.2	8.7	4.7	1.6	3.8	1.6	.9
>= 200.00	4.0	.4	2.5	5.5	7.2	9.4	9.9	5.1	3.5	.6	2.8	1.3	.2
>= 280.00	2.5	.1	1.6	3.3	4.7	6.1	6.6	2.7	2.0	.3	1.7	.6	.2
>= 390.00	1.6	.1	1.0	2.2	3.3	3.9	3.7	1.8	1.5	.1	1.3	.4	.2
>= 540.00	1.0		.7	1.1	1.9	2.9	2.6	1.3	.7	.1	.8	.3	.1
>= 740.00	.6		.3	.6	1.3	1.7	2.0	1.0	.4		.5	.1	
>= 1000.00	.4		.3	.4	.7	.9	1.2	.7	.3		.3	.1	
>= 1400.00	.1		.2	.3	.2	.3	.4	.6			.2	.1	
>= 2000.00			.1	.1		.2	.2	.3			.1		
>= 2700.00			.1					.1					

STATION 03310300 ROLIN RIVER AT WHITE MILLS, KY. 1960-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 31.9	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 38.0	99.3	96.9	99.8	99.2	99.7	100	100	100	100	100	100	100	95.6
>= 46.0	96.8	85.7	88.4	96.6	99.7	100	100	100	100	100	100	97.6	93.7
>= 55.0	92.3	71.0	74.7	91.2	99.5	100	100	100	100	100	98.8	89.8	82.6
>= 66.0	86.0	57.0	64.9	85.4	98.5	99.6	100	100	100	99.5	93.2	75.6	58.8
>= 79.0	80.9	46.5	57.2	79.6	95.1	99.3	100	100	100	98.1	86.9	66.4	42.6
>= 95.0	75.9	38.7	48.4	75.0	93.4	97.6	100	100	99.3	93.9	77.1	55.3	32.6
>= 110.0	71.4	34.8	43.3	72.5	91.3	96.3	100	100	96.6	87.5	63.8	45.2	27.0
>= 140.0	64.3	25.8	37.0	68.4	88.8	95.5	99.5	99.3	86.8	72.8	47.0	31.7	20.4
>= 160.0	60.2	22.9	34.0	65.9	86.8	94.2	98.5	97.5	79.6	63.3	39.4	25.8	16.3
>= 200.0	53.8	19.2	27.4	63.0	80.1	89.6	96.6	94.7	69.4	46.8	29.9	18.7	12.3
>= 240.0	48.3	16.5	21.2	57.0	72.8	83.6	94.2	87.9	64.0	34.6	24.4	14.9	9.8
>= 280.0	44.3	13.6	18.2	52.5	69.8	79.3	93.0	81.9	57.7	26.1	20.4	12.4	8.6
>= 340.0	39.4	9.8	16.5	45.5	64.7	73.9	89.5	71.8	49.6	19.3	16.8	10.0	7.4
>= 410.0	34.0	7.8	14.9	38.2	56.7	67.0	81.2	62.5	40.4	14.2	12.6	8.0	5.8
>= 490.0	28.8	5.9	13.2	32.6	46.5	55.7	73.7	54.7	34.3	11.4	8.8	6.3	4.4
>= 580.0	24.3	4.1	12.5	27.3	39.2	45.4	64.9	47.0	27.8	9.1	6.8	5.1	3.5
>= 700.0	19.3	3.2	10.2	21.4	29.2	36.1	54.3	39.8	20.7	5.8	5.3	3.7	3.0
>= 840.0	14.4	2.2	7.2	15.8	23.1	26.3	43.0	28.8	14.8	3.2	3.9	2.7	1.9
>= 1000.0	10.6	1.5	5.1	13.1	16.6	19.0	33.3	21.2	9.8	1.9	2.9	1.9	1.6
>= 1200.0	7.7	1.4	3.3	10.0	11.9	14.0	24.3	15.1	7.5	1.2	2.0	1.4	1.1
>= 1400.0	5.8	.8	2.6	6.8	9.3	10.4	18.2	10.5	6.1	.9	1.5	1.4	.7
>= 1700.0	4.0	.7	1.4	4.2	6.6	7.4	13.4	7.4	4.4	.9	.7	.8	.5
>= 2100.0	2.9	.6	.8	2.7	4.5	5.7	10.1	4.9	3.0	.5	.5	.8	.3
>= 2500.0	2.1	.3	.3	2.2	2.8	4.0	7.6	4.0	2.8	.1	.3	.5	.3
>= 3000.0	1.5	.1	.3	1.3	2.3	3.1	5.2	3.1	1.1		.3	.5	.3
>= 3600.0	1.1		.3	1.1	1.8	2.4	3.2	2.8	.6		.3	.3	.3
>= 4300.0	.8			1.1	1.0	1.4	2.7	2.1	.6		.1	.1	.1
>= 5200.0	.6			.6	.5	1.4	2.3	1.4	.5		.1	.1	
>= 6200.0	.4			.6	.3	1.4	1.3	1.4	.3		.1	.1	
>= 7400.0	.2			.3	.3	1.1	.8	.8					
>= 8900.0	.1					.5	.6	.3					
>= 11000.0						.1	.3	.1					
>= 13000.0								.1					

STATION 03310400 BACON CREEK NEAR PRICEVILLE, KY. 1960-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 4.3	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 5.3	99.5	99.7	99.1	98.5	100	100	100	100	100	100	100	100	97.0
>= 6.4	98.2	92.9	97.2	97.1	100	100	100	100	100	100	99.8	96.8	94.2
>= 7.6	96.4	90.5	91.8	94.7	99.8	100	100	100	100	100	97.8	92.4	89.8
>= 9.2	93.0	80.1	88.6	92.5	99.7	100	100	100	100	100	94.9	82.5	77.9
>= 11.0	89.2	68.1	79.8	90.3	99.0	99.4	100	100	99.5	99.6	93.4	76.4	65.4
>= 13.0	83.2	56.0	68.6	83.9	95.8	97.6	99.7	100	98.6	98.6	86.1	62.8	51.6
>= 16.0	74.1	42.1	53.9	74.4	90.2	94.4	99.5	100	96.8	93.0	68.1	47.7	31.1
>= 19.0	66.8	34.0	48.2	66.6	86.2	92.9	99.5	98.2	92.4	81.6	49.4	33.3	21.1
>= 23.0	59.5	26.7	41.1	63.8	83.0	90.3	97.8	95.3	82.2	64.0	34.6	22.4	14.7
>= 28.0	52.4	18.8	33.0	60.4	79.1	84.4	94.9	91.9	71.1	46.0	25.3	14.6	10.9
>= 33.0	46.7	15.4	24.9	55.2	69.9	78.4	93.0	87.9	62.6	34.6	19.9	11.0	9.3
>= 40.0	40.0	10.2	19.1	47.0	62.6	73.4	90.5	75.4	52.1	22.3	14.9	8.0	6.5
>= 48.0	33.9	6.3	16.0	38.7	54.7	67.6	79.1	66.3	43.0	15.3	11.0	5.6	5.1
>= 57.0	28.2	4.4	13.3	32.3	46.5	54.7	69.8	55.1	34.3	11.9	9.0	4.4	3.9
>= 69.0	22.0	3.2	10.5	24.6	35.5	43.0	57.0	44.6	26.1	8.1	6.5	3.2	3.3
>= 83.0	17.2	2.4	8.4	19.4	26.5	29.8	48.7	36.1	19.4	6.0	5.4	2.7	2.6
>= 100.0	13.1	1.5	5.8	15.8	20.7	21.2	39.2	27.9	14.8	4.0	3.6	1.7	1.8
>= 120.0	9.9	1.4	4.4	12.6	13.9	16.6	30.2	19.5	11.2	3.0	3.2	1.4	1.4
>= 140.0	7.8	1.2	3.7	10.2	10.4	13.0	24.6	14.2	9.0	1.9	2.7	1.2	1.1
>= 170.0	5.5	.8	2.1	7.6	7.6	8.9	18.5	8.8	6.3	1.6	1.9	.8	.9
>= 210.0	3.4	.7	1.8	4.2	4.8	6.3	11.4	4.9	3.2	1.2	1.5	.5	.4
>= 250.0	2.3	.3	1.1	2.7	3.7	4.7	8.3	3.0	2.2	.4	1.4	.3	.2
>= 300.0	1.6	.3	.5	1.3	2.3	3.1	6.4	2.4	1.5	.3	1.0	.3	.1
>= 360.0	1.2	.1	.3	1.1	1.8	2.4	5.2	1.9	1.3		.3	.1	.1
>= 430.0	1.0	.1	.3	1.0	1.3	1.8	4.2	1.9	.8		.3		
>= 520.0	.7	.1	.1	.6	.6	1.6	2.7	1.7	.6		.1		
>= 620.0	.5	.1	.1	.5	.5	1.6	2.3	1.2	.3		.1		
>= 750.0	.3			.5	.3	1.4	1.0	.7	.1		.1		
>= 900.0	.2			.3	.3	1.1	.8	.7	.1				
>= 1100.0	.1				.3	.9	.6	.3					
>= 1300.0	.1				.1	.7	.5	.3					
>= 1600.0	.1				.1	.3	.5	.1					
>= 1900.0					.1								

STATION 03310500 NOLIN RIVER AT WAX, KY. 1936-1962

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 34	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 41	99.7	98.1	100	100	100	100	100	100	100	100	100	100	98.1
>= 50	98.9	93.1	98.6	99.9	100	100	100	100	100	100	100	100	95.5
>= 62	97.7	88.8	94.2	98.4	99.5	100	100	100	100	100	99.8	99.5	91.9
>= 75	92.9	69.6	83.6	93.7	97.0	98.8	100	100	100	100	97.1	95.4	80.0
>= 91	87.0	51.7	69.5	87.0	95.5	97.3	100	100	100	99.9	94.2	86.5	62.3
>= 110	82.1	38.8	61.4	80.6	91.9	97.1	100	100	99.6	98.3	88.6	76.7	53.1
>= 140	74.0	23.9	44.4	66.0	89.8	96.7	98.6	99.7	98.8	94.0	77.3	62.0	37.6
>= 170	68.6	15.8	36.4	59.8	87.5	95.4	96.7	99.6	98.0	86.2	67.0	52.6	29.9
>= 200	64.0	11.3	30.9	55.3	84.9	94.1	96.0	99.4	96.4	75.3	57.3	44.8	24.5
>= 250	57.8	7.8	25.6	51.0	80.3	91.8	93.9	98.8	85.7	61.7	46.3	34.7	17.9
>= 300	52.5	5.7	22.3	46.7	75.4	90.2	90.8	98.2	73.8	52.3	35.7	27.4	14.0
>= 360	47.7	3.8	19.2	43.4	70.3	88.3	89.2	94.9	61.5	42.1	28.8	21.8	11.4
>= 440	42.8	3.0	16.9	38.3	67.0	83.8	87.2	88.3	50.2	32.7	23.3	16.3	9.1
>= 540	37.3	1.5	14.7	33.5	60.4	76.7	83.1	77.8	40.3	24.1	19.2	12.2	6.3
>= 660	31.8	1.2	12.9	29.2	53.3	69.3	76.4	64.7	30.4	17.1	15.0	9.4	5.1
>= 800	26.6	1.0	10.4	25.6	46.8	61.9	67.0	51.2	23.1	11.7	12.0	6.7	4.1
>= 980	21.7	.9	8.7	21.6	39.2	51.6	57.3	39.0	17.1	8.3	9.6	5.3	3.2
>= 1200	17.2	.4	7.1	16.9	33.0	43.2	46.7	28.8	12.9	5.4	7.7	4.1	1.9
>= 1500	12.9		5.6	12.5	26.4	34.1	36.6	18.8	9.1	3.1	5.6	3.2	.9
>= 1800	10.0		4.4	10.5	21.3	27.2	28.3	14.1	6.1	1.9	4.0	2.0	.6
>= 2200	7.4		3.5	7.4	16.5	22.1	21.5	9.4	4.5	1.0	2.2	1.5	.4
>= 2600	5.8		3.2	5.8	13.5	17.2	15.8	7.6	2.9	.8	1.6	1.1	.4
>= 3200	4.3		2.5	4.7	11.2	12.3	12.5	4.8	1.9	.3	.8	.8	.3
>= 3900	3.4		1.7	3.5	9.8	9.9	9.0	3.8	1.3	.3	.7	.7	
>= 4800	2.6		1.2	3.1	7.3	8.1	6.9	3.0	1.2	.2	.3	.7	
>= 5800	1.9		1.1	1.9	5.4	5.3	4.9	2.4	.9	.2	.1	.4	
>= 7100	1.0		.6	.9	3.4	3.1	2.9	.6	.6				
>= 8600	.6		.5	.3	2.7	2.0	1.2	.3	.3				
>= 11000	.2		.3	.2	1.1	.6	.3	.2					
>= 13000			.3		.6		.1						
>= 16000			.1		.4								
>= 19000					.2								
>= 23000					.2								

STATION 03311000 NOLIN RIVER AT KYROCK, KY. 1931-1932 1939-1950 1961-1962 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 40	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 48	99.5	95.1	100	100	100	100	100	100	100	100	100	100	98.6
>= 58	98.0	83.4	97.6	99.6	100	100	100	100	100	100	100	100	96.4
>= 69	96.4	78.1	93.3	95.9	99.8	100	100	100	100	100	100	99.1	91.2
>= 83	90.9	57.4	82.7	88.0	96.8	96.7	100	100	100	100	97.5	93.8	80.5
>= 99	85.0	40.6	70.0	80.6	92.7	93.2	100	100	100	100	93.3	84.6	68.3
>= 120	79.5	29.5	60.9	73.3	89.5	93.2	100	100	98.4	96.0	85.3	76.3	55.0
>= 140	73.9	20.4	44.7	67.3	86.5	92.5	100	100	97.5	91.0	77.4	67.5	45.2
>= 170	67.8	12.9	34.7	58.9	81.9	92.5	99.4	99.5	96.3	80.2	68.0	59.4	33.6
>= 210	62.3	6.9	24.9	53.5	80.6	91.3	94.6	99.3	95.2	70.0	57.1	50.7	27.1
>= 250	58.0	5.4	22.2	51.0	79.6	90.3	93.5	99.3	87.6	59.8	46.8	42.4	20.5
>= 300	53.5	4.9	18.4	48.4	74.0	88.0	89.7	98.3	78.8	52.1	39.4	34.8	16.7
>= 350	49.6	3.9	16.9	46.9	70.5	85.4	85.4	96.2	72.1	45.0	32.0	28.1	14.5
>= 430	44.9	3.0	13.3	43.4	67.3	81.6	82.8	92.4	60.6	36.7	24.4	21.4	12.4
>= 510	40.6	2.2	11.3	38.3	63.2	75.2	80.2	89.0	51.2	29.3	21.0	16.6	9.8
>= 610	35.7	1.5	9.8	34.2	57.4	69.1	76.8	79.5	39.9	22.4	17.1	12.4	8.1
>= 730	31.2	1.1	8.2	30.1	50.8	63.2	72.0	69.5	32.0	16.0	13.6	10.4	6.7
>= 880	26.4	.6	5.6	25.8	43.9	55.9	65.8	59.0	24.4	11.0	10.1	8.8	5.0
>= 1100	21.2	.4	4.9	20.6	36.8	45.8	54.6	46.0	18.7	8.1	7.1	6.9	3.8
>= 1300	17.9	.4	3.6	17.2	33.5	39.9	46.2	38.8	15.0	4.8	5.8	6.0	2.9
>= 1500	15.0	.4	3.1	14.2	30.1	33.5	40.6	30.2	11.5	3.3	5.1	4.8	1.7
>= 1800	11.9		2.2	9.9	25.4	26.9	34.4	23.8	8.5	2.4	4.1	2.8	1.2
>= 2200	8.8		1.8	7.1	20.9	21.0	24.5	16.7	6.2	1.2	3.5	.9	.7
>= 2600	6.7		1.3	6.0	18.4	17.6	18.7	11.9	2.9	.7	1.3	.9	.4
>= 3200	5.0		1.1	5.1	14.8	12.5	14.6	7.3	1.6	.2	.4	.6	.4
>= 3800	3.6		.6	3.6	10.9	9.9	10.3	5.2	1.3		.2	.4	.2
>= 4500	3.3		.4	3.4	9.4	8.9	9.6	4.7	1.3		.2	.4	.2
>= 5400	2.6		.4	3.0	8.3	8.0	6.6	3.3	1.1			.4	.2
>= 6500	2.1			2.3	6.6	6.1	6.0	2.3	.9			.4	
>= 7800	1.3			1.9	4.3	4.2	3.8	.7	.6				
>= 9400	.8			1.2	3.6	3.0	1.2		.6				
>= 11000	.5			1.0	2.3	2.1	.4		.4				
>= 14000				.2	.4								
>= 16000					.4								

STATION 03311000 NOLIN RIVER AT KYROCK, KY. 1964-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 12	93.9	88.4	92.4	100	100	100	100	93.6	90.8	93.3	90.1	86.7	91.8
>= 15	93.9	88.4	92.4	100	100	100	100	93.6	90.5	93.3	90.1	86.7	91.8
>= 18	93.9	88.4	92.4	100	100	100	100	93.6	90.5	93.3	90.1	86.7	91.8
>= 22	93.5	88.4	92.4	100	100	100	98.9	93.3	90.5	93.3	90.1	83.9	91.8
>= 27	93.5	88.4	92.4	100	100	100	98.9	93.3	90.5	93.3	90.1	83.7	91.8
>= 33	92.8	88.4	92.4	96.6	99.8	100	96.8	91.6	90.5	93.3	90.1	83.0	91.8
>= 40	91.4	88.4	92.4	96.6	99.8	100	95.3	82.9	85.8	93.3	90.1	81.5	91.1
>= 49	90.7	88.4	92.4	96.6	99.8	100	93.5	77.3	85.8	93.3	90.1	80.4	91.1
>= 60	89.0	88.4	92.4	92.7	99.8	100	87.7	67.3	85.6	93.3	90.1	80.2	91.1
>= 74	86.6	88.2	92.4	87.5	98.9	100	85.4	59.8	83.2	93.3	89.7	73.8	87.8
>= 91	83.9	85.8	92.4	83.7	97.8	100	78.1	57.1	78.7	91.6	88.2	69.9	84.2
>= 110	80.7	82.6	92.2	82.4	97.8	97.6	76.3	52.4	75.7	87.6	78.1	67.3	79.1
>= 140	79.0	82.4	92.2	80.0	95.9	96.5	74.8	50.0	75.5	85.6	75.9	62.2	77.8
>= 170	76.3	80.4	91.1	77.6	94.4	95.8	74.8	49.1	75.1	83.1	69.5	51.8	73.8
>= 200	73.8	79.6	90.7	72.7	92.0	95.3	74.6	48.7	74.4	80.7	61.7	44.7	71.8
>= 250	69.4	74.6	89.8	69.2	89.2	92.0	72.0	47.8	74.2	73.8	51.6	37.2	63.1
>= 300	63.4	68.2	88.2	64.9	83.4	87.3	69.9	46.0	69.7	66.7	38.7	25.8	53.6
>= 370	56.2	63.0	86.0	59.8	77.6	79.5	56.6	38.7	64.5	50.7	33.8	20.0	46.0
>= 460	51.1	60.6	83.1	54.4	68.8	72.9	51.4	34.4	59.6	45.8	30.1	17.2	36.2
>= 560	43.9	56.3	82.0	50.5	62.6	69.6	50.3	27.9	42.4	28.4	21.7	10.8	26.9
>= 680	39.7	54.2	77.8	47.5	57.6	65.1	47.1	25.3	35.7	22.0	18.1	7.1	20.4
>= 840	34.8	48.6	70.7	42.4	50.8	57.1	41.7	22.4	31.0	15.3	14.8	5.6	18.2
>= 1000	28.7	34.0	60.2	33.5	42.4	44.6	35.7	22.2	29.0	12.4	11.6	4.7	15.6
>= 1300	22.2	27.0	41.3	27.9	34.1	32.7	28.3	19.3	23.6	8.0	10.1	4.3	10.4
>= 1500	18.5	18.0	28.4	25.8	29.6	29.0	26.4	17.3	21.7	7.3	8.6	3.2	8.0
>= 1900	13.5	5.3	19.3	19.7	21.7	22.1	22.3	14.0	18.7	5.5	7.0	1.9	4.4
>= 2300	10.9	2.3	13.1	18.2	18.2	19.5	19.3	11.5	14.8	5.1	4.7	1.9	2.6
>= 2800	8.8	1.2	8.8	15.6	15.9	14.3	15.6	10.0	12.0	4.0	4.0	1.7	2.2
>= 3500	7.1	.6	6.8	13.5	11.8	11.7	13.3	8.2	10.1	3.5	3.0	1.2	1.5
>= 4200	5.2	.6	4.2	10.9	8.6	7.3	8.3	7.1	9.0	2.6	2.3	.6	1.1
>= 5200	3.2	.4	.6	6.6	6.4	3.7	5.8	4.6	5.5	2.0	1.5	.4	.6
>= 6300	1.2			2.1	1.0	.4	4.7	2.4	3.8				
>= 7800	.6			.2			2.7	1.7	2.3				
>= 9500							.2						

STATION 03311000 NOLIN RIVER AT KYROCK, KY. 1931-1932 1939-1950 1961-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 12	97.0	94.4	96.3	100	100	100	100	96.8	95.4	96.7	95.1	93.3	95.9
>= 15	97.0	94.4	96.3	100	100	100	100	96.8	95.3	96.7	95.1	93.3	95.9
>= 19	97.0	94.4	96.3	100	100	100	99.8	96.8	95.3	96.7	95.1	93.3	95.9
>= 23	96.8	94.4	96.3	100	100	100	99.5	96.7	95.3	96.7	95.1	91.8	95.9
>= 29	96.8	94.4	96.3	100	100	100	99.5	96.7	95.3	96.7	95.1	91.8	95.9
>= 36	96.1	94.4	96.3	98.3	99.9	100	98.0	92.6	95.3	96.7	95.1	91.1	95.9
>= 44	95.6	93.8	96.3	98.3	99.9	100	97.5	91.1	92.9	96.7	95.1	90.2	95.4
>= 55	94.1	88.2	95.4	96.9	99.9	100	95.1	85.1	92.8	96.7	95.1	90.2	94.1
>= 69	92.2	83.8	93.1	93.1	99.4	100	93.2	80.0	91.8	96.7	95.1	89.5	91.3
>= 86	86.7	70.3	86.1	85.2	97.3	97.6	89.4	77.3	87.7	93.2	89.9	82.7	83.7
>= 110	80.5	59.8	79.0	80.2	94.2	95.5	88.3	73.9	85.1	89.9	80.4	71.6	68.8
>= 130	77.3	55.6	72.6	76.3	93.0	95.3	87.7	73.0	84.6	87.0	75.9	64.8	62.6
>= 160	72.5	49.3	65.2	70.3	89.3	94.3	87.5	72.1	83.5	81.2	68.5	55.3	54.7
>= 210	67.1	44.4	58.3	63.0	86.5	93.3	84.7	70.8	82.3	72.9	57.3	45.1	48.2
>= 260	67.2	40.1	56.0	59.1	83.5	91.0	82.7	70.3	77.6	63.3	46.1	36.9	40.1
>= 320	55.3	35.6	52.5	54.3	75.9	85.6	76.6	67.7	70.2	53.0	34.4	26.0	32.9
>= 400	50.0	33.5	49.8	49.8	71.8	80.6	69.4	62.9	62.3	43.1	28.5	20.3	27.9
>= 490	45.0	31.5	46.3	45.3	64.5	74.0	65.5	58.6	53.4	36.9	25.1	16.9	22.1
>= 610	38.0	28.4	44.5	41.1	57.3	67.2	62.7	50.0	37.1	22.8	17.8	11.0	15.1
>= 760	33.1	26.7	40.4	36.0	50.4	59.7	56.7	43.4	31.5	16.6	14.3	7.7	12.9
>= 950	26.7	19.8	32.4	29.2	41.0	48.1	48.9	36.7	25.3	11.4	10.1	6.1	10.3
>= 1200	21.3	14.8	25.9	23.8	35.0	38.1	40.0	29.3	20.0	7.2	8.1	5.1	7.2
>= 1500	16.4	9.3	15.3	19.4	28.9	30.3	33.2	22.8	16.2	5.2	6.7	3.9	4.8
>= 1800	12.8	3.2	11.8	14.5	23.6	24.6	28.9	18.2	13.8	3.8	5.6	2.3	3.0
>= 2300	9.3	1.3	7.2	12.2	18.6	19.5	20.8	12.8	10.0	3.0	3.8	1.3	1.5
>= 2800	7.3	.8	4.9	10.1	15.9	14.8	16.3	10.0	7.0	2.2	2.5	1.21	.3
>= 3500	5.5	.3	3.8	8.7	11.9	11.3	12.5	7.0	5.8	1.7	1.6	.8	1.0
>= 4400	4.0	.2	2.1	6.4	8.4	7.6	9.0	5.6	5.0	1.3	1.2	.5	.6
>= 5400	2.7	.2	.4	4.6	6.6	5.3	6.4	3.8	3.1	.4	.4	.2	.4
>= 6800	1.3			1.9	2.9	2.8	4.9	1.8	1.7			.2	
>= 8400	.6			.8	1.8	1.7	2.8	.1	.8				
>= 10000	.3			.5	1.4	1.3	.5		.3				
>= 13000				.2	.4								
>= 16000					.2								

STATION 03311500 GREEN RIVER AT LOCK 6, AT BROWNSVILLE, KY. 1938-1962 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 120	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 150	99.9	99.7	100	100	100	100	100	100	100	100	100	99.9	98.9
>= 180	99.0	95.2	100	100	100	100	100	100	100	100	99.9	97.5	95.4
>= 220	96.9	83.7	97.5	99.9	100	100	100	100	100	100	99.3	95.5	87.1
>= 260	94.6	74.2	93.9	98.0	100	100	100	100	100	100	97.8	92.4	78.9
>= 320	90.3	60.0	83.5	95.0	99.5	100	100	100	100	100	94.9	85.1	66.5
>= 390	86.0	48.8	75.6	89.1	97.6	99.1	100	100	99.8	99.4	90.5	78.5	54.3
>= 470	81.3	38.1	65.5	85.4	95.3	98.5	100	100	99.3	96.1	84.5	70.4	43.2
>= 570	76.8	29.0	56.3	81.6	94.1	98.5	100	100	98.9	92.6	74.3	62.6	35.1
>= 690	71.9	22.8	49.2	76.4	90.5	97.4	100	100	97.6	83.4	67.3	53.1	26.3
>= 840	66.7	18.5	43.0	70.3	86.5	96.3	99.5	99.7	96.0	73.4	57.4	41.8	19.8
>= 1000	62.0	15.4	39.5	65.1	84.8	95.0	98.1	99.0	88.4	65.4	46.2	33.2	15.9
>= 1200	57.5	12.4	34.9	60.2	82.6	93.1	97.0	98.1	79.1	57.3	38.2	26.5	13.1
>= 1500	52.4	9.3	30.0	54.5	78.6	91.0	95.1	96.0	68.6	45.9	31.5	19.4	11.2
>= 1800	48.1	7.7	25.9	50.1	73.7	88.2	93.9	93.5	59.3	37.7	25.9	14.8	9.5
>= 2200	43.2	6.2	23.7	43.3	67.6	83.2	90.4	88.9	48.4	31.0	20.8	10.9	7.2
>= 2700	38.4	5.5	21.2	38.6	62.5	77.6	84.9	79.2	40.0	23.5	16.8	8.2	5.9
>= 3300	33.2	4.5	18.1	33.5	56.0	71.4	75.8	66.3	32.5	19.6	13.5	5.6	4.6
>= 4000	28.2	4.0	14.4	28.6	48.9	63.7	66.5	53.7	27.1	15.1	10.7	4.6	3.9
>= 4900	23.4	3.3	12.2	23.9	42.0	54.7	56.2	41.7	21.7	11.7	8.8	3.2	3.5
>= 5900	19.4	2.3	10.1	20.9	35.5	45.1	47.5	34.2	17.3	10.0	6.3	2.9	2.0
>= 7200	15.4	1.7	7.8	17.0	28.8	36.1	39.2	26.2	12.3	8.1	4.8	2.2	1.6
>= 8800	12.0	1.0	6.7	12.4	24.6	30.4	30.5	18.1	9.8	6.8	2.6	1.7	1.0
>= 11000	9.2	.5	4.8	10.6	20.3	25.1	23.7	12.5	6.3	4.8	1.8	.9	.6
>= 13000	7.4	.2	4.0	9.1	17.1	20.9	18.8	9.7	4.5	3.9	1.0	.6	.4
>= 16000	5.5		2.2	6.9	13.4	16.2	14.7	6.6	3.2	2.7	.5	.2	
>= 19000	4.3		1.5	5.6	9.8	13.6	11.9	5.2	2.2	2.1	.3		
>= 23000	3.0		1.0	4.3	7.4	9.8	8.0	3.2	1.1	1.6	.2		
>= 28000	1.9		.7	3.0	5.3	6.4	5.5	1.3	.7	.7	.2		
>= 34000	.9		.5	1.6	3.0	4.0	1.8	.7					
>= 42000	.4		.5	.7	1.4	1.4	1.1	.3					
>= 51000	.1		.2		.4	.5	.7						
>= 62000							.4						
>= 75000							.1						

STATION 03311500 GREEN RIVER AT LOCK 6, AT BROWNSVILLE, KY. 1964-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 190	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 220	99.9	100	100	100	100	100	100	100	100	100	100	99.1	99.1
>= 270	99.4	100	100	97.0	100	100	100	100	100	100	100	97.4	98.7
>= 310	98.6	98.1	99.3	91.8	99.4	100	100	100	100	100	100	96.1	98.2
>= 370	97.6	97.2	98.7	90.8	99.4	100	100	100	100	99.8	98.1	90.5	97.8
>= 440	96.0	96.3	98.0	89.5	99.1	100	100	100	99.8	97.3	96.3	83.7	92.9
>= 520	93.5	94.6	98.0	88.6	99.1	100	100	100	98.9	95.6	92.7	74.6	80.2
>= 610	91.3	92.0	97.8	88.4	98.9	100	100	100	97.8	93.1	87.5	67.3	73.6
>= 720	87.4	89.0	97.3	86.5	98.1	100	100	98.4	95.3	90.7	73.1	57.0	64.7
>= 860	82.4	81.5	94.2	82.2	96.1	99.3	100	97.6	92.5	84.7	57.4	49.2	55.8
>= 1000	77.4	74.6	87.8	80.6	93.1	97.9	99.1	97.3	88.6	74.4	47.5	41.9	48.0
>= 1200	71.6	63.0	84.9	75.7	91.6	94.3	96.1	94.2	84.3	59.8	40.9	33.3	42.7
>= 1400	66.8	52.5	82.0	72.0	89.2	92.0	94.2	89.8	79.1	51.8	35.7	30.3	35.1
>= 1700	60.0	42.8	67.1	68.4	85.8	88.7	89.0	83.8	70.3	41.6	30.5	26.2	27.1
>= 2000	54.7	33.1	59.8	63.7	83.0	85.4	85.4	79.3	60.9	35.8	27.5	22.2	22.4
>= 2300	50.6	27.5	50.2	60.9	78.9	82.3	83.0	72.9	56.6	32.4	25.8	19.8	19.1
>= 2800	45.1	22.4	44.2	55.1	71.4	77.6	77.6	66.2	50.5	25.3	21.7	16.3	14.9
>= 3300	40.4	18.1	39.1	49.5	64.1	72.4	72.0	60.0	45.6	19.8	18.9	14.0	12.7
>= 3900	35.9	13.5	33.1	46.2	58.5	65.3	67.1	52.9	41.1	16.4	15.9	12.3	9.8
>= 4600	31.7	12.3	26.9	43.2	53.3	58.3	61.1	45.8	36.3	12.7	13.3	10.1	8.9
>= 5400	28.4	8.8	22.7	40.0	50.1	53.3	55.5	42.0	34.4	9.1	10.5	8.6	6.4
>= 6400	24.6	6.2	16.7	36.8	44.7	46.0	49.2	36.9	31.0	8.2	8.8	6.9	4.7
>= 7500	21.8	4.5	13.3	33.8	40.2	41.3	44.1	32.4	28.2	7.1	7.5	5.8	4.2
>= 8900	17.9	1.5	7.1	29.2	36.9	32.5	38.4	26.4	24.7	5.5	6.0	3.6	3.1
>= 11000	12.4	.8	2.4	19.1	27.5	19.1	29.4	18.6	18.7	3.5	4.7	2.3	2.4
>= 12000	10.4	.8	2.2	16.5	25.1	13.4	24.0	16.0	15.6	2.2	4.3	1.9	2.2
>= 15000	5.2	.6	.6	8.3	9.8	5.4	15.2	8.8	8.6	.8	2.5	.8	.4
>= 17000	3.1	.4	.6	4.0	5.8	3.5	10.5	4.8	4.5	.4	1.5	.8	
>= 21000	1.6	.2	.4	1.2	2.7	1.4	7.3	2.6	1.7		1.0	.4	
>= 24000	1.0		.4	.8	1.5	.4	5.5	2.0	.8			.4	
>= 29000	.5		.2	.2	.8	.2	4.0	.8					
>= 34000	.2				.8		1.7	.6					
>= 40000	.1				.4		1.0						
>= 48000							.2						

STATION 03311500 GREEN RIVER AT LOCK 6, AT BROWNSVILLE, KY. 1925-1931 1938-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 120	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 150	99.9	99.8	100	100	100	100	100	100	100	100	100	99.9	99.3
>= 180	99.3	96.8	100	100	100	100	100	100	100	100	99.9	98.4	97.0
>= 220	97.9	89.2	98.4	99.9	100	100	100	100	100	100	99.5	96.8	91.2
>= 260	96.3	83.0	96.0	97.9	100	100	100	100	100	100	98.6	94.2	85.7
>= 320	93.1	73.0	88.9	93.9	99.5	100	100	100	100	100	96.4	88.7	76.8
>= 390	89.8	65.1	83.5	89.8	98.2	99.4	100	100	99.9	99.4	93.1	82.3	67.2
>= 470	85.8	57.9	76.6	86.8	96.6	99.0	100	100	99.3	96.5	88.4	73.6	56.1
>= 570	82.0	51.0	70.0	84.1	95.8	99.0	100	100	98.8	93.3	80.0	64.9	47.7
>= 690	77.3	45.2	65.2	79.6	93.3	98.3	100	99.6	96.6	86.3	71.1	54.9	39.0
>= 840	72.0	40.1	60.3	73.9	89.8	97.4	99.7	98.7	94.0	77.7	58.6	44.4	30.9
>= 1000	66.9	35.3	55.5	69.5	87.3	95.9	98.5	98.1	87.3	68.5	47.1	35.8	25.8
>= 1200	61.9	29.4	51.6	64.6	85.2	93.6	96.8	95.8	79.5	58.2	39.4	28.5	22.3
>= 1500	56.0	23.0	45.7	59.4	81.3	91.0	94.2	92.3	69.8	46.0	32.3	22.1	17.8
>= 1800	51.0	17.8	38.7	55.1	76.7	88.1	91.9	88.7	60.7	38.2	27.0	17.8	14.4
>= 2200	45.7	14.1	33.0	49.1	70.6	83.4	88.5	82.5	50.4	31.4	22.5	13.9	11.3
>= 2700	40.6	11.3	28.7	44.1	65.1	77.8	83.3	74.0	43.0	24.4	18.5	10.8	8.9
>= 3300	35.2	9.0	24.7	38.3	57.6	71.7	75.1	62.9	36.1	19.4	15.0	8.2	7.1
>= 4000	30.2	7.1	20.2	33.8	50.9	63.6	67.1	52.0	30.7	14.8	12.1	6.9	5.7
>= 4900	25.4	5.8	16.0	29.3	44.4	54.4	57.9	41.8	25.9	11.6	9.8	5.0	5.1
>= 5900	21.4	3.8	13.2	26.2	38.6	45.8	49.2	35.1	21.8	9.4	7.3	4.3	2.9
>= 7200	17.6	3.0	9.9	22.3	32.5	37.6	42.3	27.9	17.4	7.7	5.6	3.3	2.5
>= 8800	13.9	1.2	6.9	17.6	28.1	30.7	34.0	20.4	14.4	6.2	3.7	2.3	1.6
>= 11000	10.2	.6	3.9	13.1	22.2	22.6	26.2	14.2	10.1	4.3	2.7	1.3	1.2
>= 13000	7.6	.4	3.0	10.6	17.2	17.0	19.6	10.6	7.5	3.1	1.7	.8	.5
>= 16000	4.9	.2	1.7	6.3	11.1	12.0	14.6	6.6	3.9	2.0	.9	.4	
>= 19000	3.6	.1	1.2	4.5	7.6	9.8	11.3	4.5	2.4	1.4	.5	.2	
>= 23000	2.4		.8	3.2	5.6	6.6	7.4	2.9	1.0	1.0	.1	.1	
>= 28000	1.5		.6	2.1	3.7	4.3	5.0	1.3	.5	.4	.1		
>= 34000	.7		.3	1.0	2.2	2.6	1.7	.7					
>= 42000	.3		.3	.4	1.0	.9	1.0	.2					
>= 51000	.1		.1		.2	.3	.5						
>= 62000							.2						

STATION 03311600 BEAVERDAM CREEK AT RHODA, KY. 1973-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .20	100	100	100	100	100	100	100	100	100	100	100	100	100
>= .30	99.6	100	100	100	100	100	100	100	100	100	100	95.2	100
>= .40	98.8	100	100	100	100	100	100	100	100	100	100	88.2	97.2
>= .50	98.1	100	100	100	100	100	100	100	100	100	100	85.5	92.2
>= .70	96.5	99.5	100	100	100	100	100	100	100	100	95.7	83.3	79.4
>= .90	92.5	96.8	100	100	100	100	100	100	100	98.9	79.6	63.4	71.7
>= 1.10	90.6	95.2	100	100	100	100	100	100	100	97.2	74.2	59.1	62.8
>= 1.40	84.4	77.4	93.9	100	100	100	100	100	100	87.8	60.2	45.2	49.4
>= 1.90	75.5	50.5	78.9	100	100	100	100	100	95.2	74.4	47.3	28.5	32.8
>= 2.40	69.1	37.1	71.7	99.5	91.4	95.3	100	100	87.1	67.2	40.3	19.4	22.2
>= 3.10	61.3	30.1	57.2	96.8	83.9	94.7	100	96.7	66.1	52.8	31.7	12.4	16.1
>= 3.90	55.9	25.3	51.7	90.3	83.3	94.7	99.5	81.7	53.2	47.2	28.0	7.0	11.7
>= 5.10	49.7	19.9	35.6	84.9	79.6	91.7	95.2	69.4	47.3	38.3	24.7	2.7	8.9
>= 6.50	42.7	12.9	27.8	73.1	78.5	78.1	86.6	56.7	40.3	30.6	18.8	2.7	7.8
>= 8.30	35.6	9.7	22.2	65.1	71.5	65.7	73.1	45.6	32.8	22.2	12.9	2.2	6.1
>= 11.00	29.7	7.5	19.4	54.8	63.4	48.5	63.4	35.0	28.0	17.8	11.8	1.1	5.6
>= 14.00	24.4	5.4	15.6	47.8	54.8	37.9	54.3	29.4	22.6	12.8	8.6	.5	3.3
>= 18.00	18.8	4.8	12.2	38.7	42.5	25.4	42.5	21.7	16.7	10.0	8.1		2.2
>= 23.00	14.0	3.8	9.4	30.1	31.2	18.3	31.2	16.1	11.3	7.8	6.5		1.7
>= 29.00	10.7	2.2	7.8	21.0	22.0	14.8	26.3	13.9	9.7	6.1	3.8		1.1
>= 37.00	8.5	2.2	6.1	16.7	18.3	10.7	20.4	11.1	7.5	4.4	3.2		1.1
>= 48.00	6.8	1.6	5.6	12.4	15.1	8.3	17.2	8.3	4.8	4.4	2.2		1.1
>= 62.00	5.3	1.1	4.4	10.2	11.3	6.5	12.9	7.2	4.3	2.8	2.2		1.1
>= 79.00	4.1	.5	3.8	8.0	8.6	5.3	10.2	3.8	3.2	2.2	2.1		1.1
>= 100.00	3.3	.5	3.3	6.4	6.9	2.9	8.6	3.3	2.6	2.2	2.1		.5
>= 130.00	2.7	.5	3.3	5.3	5.9	2.9	8.0	1.6	1.6	1.6	2.1		
>= 170.00	1.9	.5	1.6	3.7	4.8	2.3	5.9	1.1	1.0	1.1	1.0		
>= 220.00	1.1	.5	1.1	1.6	3.2	1.1	4.8		.5	.5	.5		
>= 280.00	1.0	.5	1.1	1.0	2.6	1.1	4.3		.5	.5			
>= 360.00	.6		.5	1.0	1.6	1.1	3.2		.5				
>= 460.00	.4		.5	.5	1.0	.5	2.1						
>= 590.00	.1				.5	.5	1.0						
>= 760.00	.1				.5	.5	1.0						
>= 970.00					.5		.5						

STATION 03312000 BEAR CREEK NEAR LEITCHFIELD, KY. 1950-1971

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	96.5	92.5	95.5	100	100	100	100	100	100	100	96.8	92.2	80.6
>= .02	96.5	92.5	95.5	100	100	100	100	100	100	100	96.8	92.2	80.6
>= .04	96.4	92.5	95.5	100	100	100	100	100	100	100	96.8	92.2	79.8
>= .05	96.4	92.5	95.5	100	100	100	100	100	100	100	96.8	92.2	79.8
>= .08	96.4	92.5	95.5	100	100	100	100	100	100	100	96.8	92.2	79.7
>= .10	96.2	90.6	95.5	100	100	100	100	100	100	100	96.8	92.2	79.2
>= .20	94.4	84.3	92.0	99.0	100	100	100	100	99.1	98.8	91.6	89.1	78.0
>= .30	92.8	81.1	88.5	97.4	99.9	100	100	100	98.1	97.7	89.6	85.0	76.7
>= .50	90.3	75.2	83.0	95.3	99.6	100	100	100	97.8	96.8	86.7	78.0	72.0
>= .70	86.1	62.3	73.0	93.5	99.0	100	100	100	97.8	95.0	82.4	69.2	62.3
>= 1.00	80.5	47.9	65.0	91.5	97.7	100	100	100	96.9	88.8	73.5	55.4	50.8
>= 1.50	72.9	32.1	59.1	86.8	96.3	100	100	100	94.1	74.5	59.4	38.9	35.6
>= 2.10	67.0	28.0	55.2	77.9	94.6	99.8	100	99.8	86.2	61.5	47.8	27.0	28.3
>= 3.00	62.0	23.2	50.8	72.7	91.6	98.7	100	98.9	79.0	50.2	38.3	21.4	21.5
>= 4.30	55.6	15.5	42.6	67.0	86.2	96.8	97.9	97.4	69.5	39.1	30.6	13.2	14.5
>= 6.20	50.4	10.1	36.7	61.0	81.1	91.1	97.1	93.3	60.7	28.9	24.9	10.3	12.4
>= 8.80	44.0	6.5	29.8	54.5	73.3	85.7	95.3	82.3	44.4	22.7	18.9	7.2	9.5
>= 13.00	37.5	5.0	20.5	46.6	65.4	77.0	88.7	67.7	36.2	17.9	14.2	5.6	7.4
>= 18.00	32.2	3.7	17.3	40.0	57.3	65.9	80.4	56.8	29.8	14.1	11.9	4.5	6.2
>= 26.00	26.0	2.5	14.1	29.6	44.9	55.9	68.5	46.5	24.9	9.5	9.4	3.5	5.0
>= 37.00	20.6	1.3	11.5	22.7	34.3	46.2	53.5	35.8	19.5	8.6	7.8	3.1	3.9
>= 53.00	15.1	1.2	9.1	17.6	24.5	34.6	38.9	23.3	14.7	7.3	5.9	2.5	3.3
>= 76.00	10.7	.7	5.3	13.5	19.4	24.0	24.9	15.8	11.4	5.8	3.8	2.1	2.3
>= 110.00	7.6	.7	3.7	9.9	13.7	17.0	16.7	11.2	8.6	4.2	2.9	1.3	1.9
>= 160.00	5.2	.2	2.7	7.0	10.8	11.5	10.2	6.9	6.3	3.3	2.1	.7	1.3
>= 220.00	3.9	.1	1.9	6.3	8.2	7.8	7.6	4.8	4.9	2.1	1.6	.5	.7
>= 320.00	2.6		1.5	4.5	5.5	5.7	4.9	3.3	2.6	1.5	.7	.2	.6
>= 460.00	1.6		1.2	2.9	4.1	3.0	2.9	2.1	1.3	1.0	.2	.1	.4
>= 660.00	1.1		.9	1.9	2.6	2.4	2.4	1.5	1.0	.9	.1		.3
>= 940.00	.6		.7	1.0	1.6	1.1	1.1	.9	.2	.3	.1		.1
>= 1400.00	.2		.3	.5	.5	.1	.7	.4					
>= 1900.00			.1	.4	.2		.2						
>= 2800.00			.1										

STATION 03312500 BARREN RIVER NEAR PAGEVILLE, KY. 1939-1963

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 22	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 28	99.8	100	100	100	100	100	100	100	100	100	100	100	97.1
>= 35	99.5	99.7	100	100	100	100	100	100	100	100	100	99.4	94.7
>= 44	98.4	95.2	99.9	100	100	100	100	100	100	99.7	99.1	96.6	90.1
>= 55	96.1	89.1	98.2	100	100	100	100	100	100	99.3	97.0	91.4	78.3
>= 69	92.5	74.6	96.4	98.9	99.2	100	100	100	99.4	98.7	94.3	82.3	67.7
>= 86	88.1	60.5	90.0	96.8	98.1	99.4	100	100	98.7	97.3	90.1	73.2	54.7
>= 110	81.1	40.2	75.7	89.8	95.3	99.3	100	100	97.9	93.5	84.0	59.9	39.3
>= 140	74.4	27.6	67.5	79.3	91.9	99.1	100	100	97.3	86.5	69.9	47.9	28.3
>= 170	68.8	20.4	56.1	74.1	90.2	99.1	99.7	100	95.6	77.3	55.7	39.4	20.9
>= 210	62.4	12.9	41.9	67.1	86.8	96.8	99.5	99.6	91.9	6.5	45.7	31.5	16.9
>= 270	55.8	8.3	31.9	60.1	82.4	94.2	98.4	99.2	80.0	46.1	36.4	22.8	13.5
>= 340	49.6	6.0	26.8	54.6	77.0	90.6	96.2	96.0	64.3	34.1	25.9	17.4	10.7
>= 420	44.2	4.6	23.6	47.3	69.8	87.2	94.2	89.7	51.6	26.0	19.5	12.9	8.7
>= 530	38.0	2.4	19.2	40.7	62.4	78.6	88.8	80.1	39.0	19.5	14.5	9.4	6.7
>= 670	32.1	1.6	14.0	34.5	54.3	70.6	83.9	68.3	27.9	14.0	9.5	6.6	5.3
>= 840	26.5	1.1	11.1	28.4	46.5	63.0	74.2	51.9	20.5	11.1	6.8	4.0	4.0
>= 110	19.5	.7	6.8	21.5	37.0	50.1	56.0	35.5	13.7	7.2	4.6	2.3	2.8
>= 1300	16.3	.5	5.6	19.2	31.3	43.2	45.2	29.1	11.0	5.7	3.7	2.1	2.0
>= 1700	11.4	.4	4.2	13.8	24.1	31.0	30.4	18.7	7.2	4.1	2.3	1.2	1.7
>= 2100	8.3	.1	3.8	10.1	18.1	22.3	22.6	13.1	4.9	3.5	1.8	.8	1.3
>= 2600	6.1		2.6	7.8	13.8	16.8	17.5	8.5	3.2	1.9	1.2	.4	1.3
>= 3300	4.5		2.4	6.0	11.3	12.1	11.8	5.3	2.2	1.6	.8	.3	1.1
>= 4100	3.1		1.2	4.7	8.6	8.8	8.0	3.7	1.1	1.0	.5	.1	.9
>= 5200	2.2		1.1	3.4	5.7	5.8	6.1	2.4	.9	.9	.2		.4
>= 6500	1.4		.5	2.0	3.7	3.9	4.7	1.7	.5	.9			.1
>= 8100	.9		.2	1.3	2.8	3.3	2.4	.8	.2	.8			.1
>= 10000	.5		.1	.9	1.7	2.2	1.0	.2	.2	.4			
>= 13000	.2			.1	1.3	1.1	.2	.1		.2			
>= 16000	.1				1.2	.5	.2	.1		.1			
>= 20000	.1				.6	.4	.2			.1			
>= 25000					.2	.4	.2						
>= 32000						.1	.1						
>= 40000						.1	.1						

STATION 03313000 BARREN RIVER NEAR FINNEY, KY. 1942-1950 1961-1963 NO REGULATION 99

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 40	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 50	99.9	98.9	100	100	100	100	100	100	100	100	99.5	100	100
>= 62	99.5	97.6	100	100	100	100	100	100	100	100	98.7	100	97.8
>= 77	98.0	89.2	100	100	100	100	100	100	100	100	96.5	97.3	93.6
>= 95	95.4	70.7	100	100	100	100	100	100	100	100	95.2	91.1	88.6
>= 120	90.6	49.5	96.9	100	100	100	100	100	100	98.1	92.5	82.3	68.9
>= 150	85.3	35.2	86.9	94.6	100	100	100	100	100	94.4	87.6	75.5	50.3
>= 180	80.8	27.2	79.4	88.2	98.4	100	100	100	100	91.4	80.4	68.5	37.5
>= 230	75.3	20.2	68.6	84.9	98.1	100	100	100	98.4	80.3	68.3	58.1	28.3
>= 280	70.4	16.4	54.7	77.7	97.6	100	100	99.7	95.4	71.4	61.3	49.2	23.6
>= 350	64.3	12.1	42.5	69.1	96.2	97.6	100	98.1	87.6	61.1	50.0	40.6	18.3
>= 440	57.8	9.4	30.3	63.4	91.4	96.4	99.7	94.2	74.7	49.7	40.1	31.7	14.4
>= 540	52.1	7.3	24.2	55.9	84.9	92.6	98.9	89.2	62.4	40.0	34.9	24.5	12.2
>= 680	45.6	5.1	18.1	48.1	74.5	87.6	96.2	80.8	52.2	32.2	25.5	18.8	10.8
>= 840	39.7	3.0	14.2	40.3	66.7	78.7	93.5	71.1	41.9	26.7	18.8	15.3	8.9
>= 1000	35.8	2.4	10.8	36.8	63.2	74.0	91.1	63.1	34.4	22.2	14.8	11.3	7.8
>= 1300	29.7	1.6	6.9	31.2	53.0	66.3	80.6	48.3	26.1	17.2	11.6	8.6	6.9
>= 1600	24.1	1.1	5.3	25.3	46.0	56.2	71.0	35.8	17.5	13.6	9.4	5.1	5.3
>= 2000	18.9	.5	3.3	20.2	39.5	45.6	56.7	26.4	12.4	9.2	7.3	3.2	4.2
>= 2500	14.5	.3	2.5	14.2	34.1	36.1	42.2	19.7	7.3	7.8	5.1	2.4	3.6
>= 3100	10.8	.3	1.4	9.1	27.2	27.2	32.8	13.3	5.6	5.6	3.5	1.3	3.1
>= 3900	8.2		1.1	7.5	21.5	19.5	25.0	9.2	4.3	4.7	2.4	.8	2.8
>= 4800	6.0		.8	5.6	16.1	15.1	19.6	6.7	2.2	3.3	1.1		2.5
>= 6000	4.5		.5	4.8	12.0	11.5	13.9	5.0	1.6	2.7	.8		1.9
>= 7400	3.2		.5	3.4	9.6	8.5	8.6	3.3	1.0	1.9	.2		1.3
>= 9200	2.0			2.4	6.9	5.9	5.1	2.2	.5	1.3			.2
>= 11000	1.4			2.1	4.8	4.7	2.9	1.6	.5	.8			
>= 14000	.8			1.6	2.6	2.9	1.3	1.1	.2	.5			
>= 18000	.5			1.0	1.8	2.0	.5	.2		.5			
>= 22000	.3			.2	1.6	1.4	.2	.2		.5			
>= 27000	.2				1.0	1.1				.5			
>= 34000						.8							
>= 42000						.5							
>= 52000						.5							

STATION 03313000 BARREN RIVER NEAR FINNEY, KY. 1965-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 1.5	99.8	98.2	100	99.8	100	100	100	100	100	100	100	100	100
>= 2.1	99.8	97.5	100	99.8	100	100	100	100	100	100	100	100	100
>= 2.6	99.7	97.0	100	99.5	100	100	100	100	100	100	100	100	100
>= 3.4	99.4	93.8	99.8	99.5	100	100	100	100	100	100	100	100	100
>= 4.4	98.5	93.5	92.9	96.1	100	100	100	100	100	100	100	100	100
>= 5.6	98.5	93.1	92.9	96.1	100	100	100	100	100	100	100	100	100
>= 7.2	98.5	93.1	92.9	96.1	100	100	100	100	100	100	100	100	100
>= 9.3	98.5	93.1	92.9	96.1	100	100	100	100	100	100	100	100	100
>= 12.0	98.5	93.1	92.9	96.1	100	100	100	100	100	100	100	100	100
>= 15.0	98.5	93.1	92.9	96.1	100	100	100	100	100	100	100	100	100
>= 20.0	98.5	93.1	92.9	96.1	100	100	100	100	100	100	100	100	99.8
>= 25.0	98.5	93.1	92.9	95.9	100	100	100	100	100	100	100	100	99.8
>= 33.0	97.7	93.1	92.9	95.2	100	100	99.8	99.3	95.2	99.0	99.1	99.8	99.8
>= 42.0	55.6	93.1	92.9	94.9	100	98.7	97.2	98.8	92.4	89.0	92.2	98.8	99.3
>= 54.0	93.0	93.1	92.9	91.5	97.7	97.0	93.3	92.1	91.7	85.7	90.1	94.9	96.7
>= 69.0	89.9	91.9	92.9	90.8	97.7	97.0	91.5	75.7	84.1	85.5	88.9	91.9	91.0
>= 89.0	87.4	90.1	92.9	90.3	97.0	96.2	87.3	66.4	75.8	85.0	88.7	91.0	88.8
>= 110.0	84.4	90.1	92.6	90.3	97.0	95.7	83.9	58.3	68.9	82.9	84.8	83.9	85.0
>= 150.0	81.7	88.5	92.6	90.1	97.0	95.7	81.3	55.5	64.7	72.4	80.6	80.4	81.7
>= 190.0	79.8	88.0	92.6	89.6	96.8	94.9	77.2	54.5	63.8	69.8	77.4	73.0	80.7
>= 240.0	77.6	87.6	92.6	88.2	95.9	93.7	74.4	53.3	63.1	68.6	73.3	64.3	77.6
>= 310.0	74.4	86.6	92.4	85.7	94.5	92.4	70.0	50.5	62.7	64.8	69.9	56.0	68.3
>= 400.0	69.0	85.9	90.5	81.1	94.0	90.1	61.5	47.6	59.0	53.3	61.1	46.8	58.3
>= 510.0	59.6	70.0	86.6	76.7	93.0	86.0	57.3	41.9	51.8	36.4	38.2	34.5	43.8
>= 660.0	55.3	60.5	85.0	72.3	88.7	80.2	55.5	39.0	47.9	34.5	34.3	30.1	37.1
>= 850.0	51.5	54.6	83.5	67.2	83.8	74.6	54.6	35.7	43.7	32.3	30.6	25.3	33.3
>= 1100.0	48.0	53.4	82.3	62.9	77.4	71.6	52.3	33.5	38.4	30.0	27.1	20.9	27.6
>= 1400.0	43.6	47.9	79.0	56.4	73.0	66.5	47.9	30.7	33.4	27.3	23.7	16.8	22.6
>= 1800.0	37.5	35.4	69.2	49.5	65.8	59.2	41.7	28.5	30.1	21.6	19.8	14.2	16.6
>= 2300.0	32.2	25.5	57.1	43.5	60.3	53.6	36.4	26.1	27.4	17.8	15.6	13.1	11.9
>= 3000.0	21.1	10.3	22.3	30.4	48.8	49.1	27.6	17.8	21.8	8.5	9.4	6.9	1.6
>= 3800.0	6.6		5.0	10.1	17.9	23.7	11.5	7.6	4.8				
>= 4900.0	.4			1.3	.9	1.0	.4	1.1					
>= 6300.0								.4					

STATION 03313000 BARREN RIVER NEAR FINNEY, KY. 1942-1950 1961-1976 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 1.5	99.9	99.0	100	99.9	100	100	100	100	100	100	100	100	100
>= 2.2	99.9	98.4	100	99.9	100	100	100	100	100	100	100	100	100
>= 3.0	99.8	98.3	100	99.8	100	100	100	100	100	100	100	100	100
>= 4.1	99.2	96.7	96.3	98.0	100	100	100	100	100	100	100	100	100
>= 5.6	99.2	96.4	96.3	98.0	100	100	100	100	100	100	100	100	100
>= 7.7	99.2	96.4	96.3	98.0	100	100	100	100	100	100	100	100	100
>= 11.0	99.2	96.4	96.3	98.0	100	100	100	100	100	100	100	100	100
>= 15.0	99.2	96.4	96.3	98.0	100	100	100	100	100	100	100	100	100
>= 20.0	99.2	96.4	96.3	98.0	100	100	100	100	100	100	100	100	99.9
>= 27.0	99.1	96.4	96.3	97.8	100	100	100	100	99.4	100	100.	100	99.9
>= 37.0	97.9	96.4	96.3	97.5	100	99.3	99.2	99.5	95.3	95.3	96.7	99.8	99.9
>= 51.0	95.4	95.5	96.3	95.7	98.8	98.4	97.1	96.4	94.7	89.1	91.8	93.7	98.0
>= 70.0	93.1	94.4	96.3	95.2	98.8	98.4	95.6	86.9	90.2	88.8	89.4	91.8	92.1
>= 96.0	89.5	79.1	95.3	95.0	98.4	98.0	92.4	81.6	85.4	88.4	88.3	84.8	88.0
>= 130.0	84.3	65.5	90.7	93.7	98.4	97.8	90.8	77.9	81.5	81.7	83.2	78.1	73.0
>= 180.0	79.1	57.9	83.3	86.3	97.3	97.5	88.5	76.4	79.1	77.2	76.1	69.3	61.4
>= 250.0	74.3	54.0	76.7	82.4	96.5	96.6	86.4	75.8	77.3	69.6	66.9	56.2	54.3
>= 340.0	67.6	50.3	67.3	75.0	95.0	94.9	82.2	73.1	72.9	58.0	56.0	45.0	42.8
>= 460.0	60.5	45.5	58.4	67.7	91.3	91.2	78.7	68.4	62.1	45.4	45.2	37.3	35.8
>= 640.0	51.1	35.6	52.7	59.7	83.2	83.2	75.5	61.4	50.1	33.3	30.1	24.4	25.4
>= 870.0	44.6	29.6	48.9	51.7	74.6	73.9	72.2	53.1	40.5	28.3	23.9	19.4	21.0
>= 1200.0	38.8	27.8	46.0	46.7	65.8	67.6	66.2	42.8	32.1	22.2	19.1	14.0	16.8
>= 1600.0	32.4	22.9	41.4	38.7	57.6	58.4	57.7	34.0	24.0	18.5	15.1	10.0	12.0
>= 2200.0	25.2	14.6	32.7	31.1	47.7	46.5	44.5	26.5	18.8	13.2	11.1	8.1	8.2
>= 3100.0	14.9	4.8	10.6	18.2	34.5	36.8	30.3	16.6	11.2	5.3	6.2	3.4	1.8
>= 4200.0	4.9		1.2	5.3	12.6	13.9	13.5	7.2	2.5	1.8	.7	.2	1.2
>= 5800.0	2.2		.3	2.1	5.6	5.6	7.1	2.4	.7	1.2	.4		.8
>= 7900.0	1.2		.1	1.5	3.8	3.4	3.3	1.2	.3	.8			.6
>= 11000.0	.6			.9	2.1	2.0	1.3	.7	.2	.3			
>= 15000.0	.3			.7	1.0	1.0	.4	.3	.1	.2			
>= 20000.0	.2			.3	.7	.7	.2	.1		.2			
>= 28000.0	.1				.4	.5				.2			
>= 38000.0						.2							
>= 52000.0						.2							

STATION 03313500 WEST BAYS FORK AT SCOTTSVILLE, KY. 1950-1972

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= .10	99.3	100	100	100	100	100	100	100	100	100	97.5	96.0	98.3
>= .20	98.0	99.0	100	100	100	100	100	100	100	99.2	96.8	92.2	88.6
>= .30	95.4	91.4	97.4	99.9	100	100	100	100	100	98.2	95.3	83.4	79.2
>= .40	93.0	87.9	92.3	98.1	99.6	100	100	100	100	97.7	93.0	76.7	71.5
>= .50	90.4	78.3	87.4	96.9	98.5	100	100	100	100	97.4	90.6	72.4	63.8
>= .70	83.5	56.6	75.5	87.5	95.0	100	100	100	100	95.5	82.8	62.9	47.9
>= .90	78.1	44.8	67.9	83.1	92.7	99.8	100	100	99.7	91.1	72.7	49.7	37.7
>= 1.10	73.8	37.3	59.8	78.3	91.2	99.8	100	100	99.4	83.6	64.7	41.8	32.0
>= 1.50	67.9	25.9	51.7	73.2	89.3	99.8	100	100	99.0	72.3	51.3	30.5	23.6
>= 1.90	62.4	15.6	41.8	71.1	88.3	99.7	100	100	93.4	61.2	38.3	23.9	17.6
>= 2.50	55.9	8.3	32.7	63.5	86.7	99.0	100	100	81.7	44.8	26.7	19.4	10.5
>= 3.30	50.1	6.3	26.2	56.6	82.1	96.9	100	95.8	67.6	30.5	20.4	15.0	7.3
>= 4.30	44.4	5.0	22.0	48.2	77.0	89.2	97.1	88.0	54.7	21.4	14.1	13.5	5.6
>= 5.60	37.9	3.5	17.1	41.2	67.6	81.4	91.6	76.1	38.1	15.6	10.6	10.0	4.4
>= 7.30	31.9	2.5	13.5	33.7	57.5	71.2	84.6	63.3	29.5	11.2	8.4	6.7	3.0
>= 9.60	25.7	1.9	9.5	27.4	46.2	61.6	71.8	48.6	21.3	9.2	6.0	4.7	2.1
>= 13.00	19.6	.9	6.8	21.1	34.2	51.4	54.5	36.1	15.4	6.8	4.5	3.4	2.0
>= 16.00	15.7	.9	5.5	17.4	27.6	42.6	42.7	26.8	12.9	5.5	3.8	2.9	1.8
>= 21.00	11.3	.7	3.8	13.8	19.6	30.2	30.5	18.6	9.1	4.4	2.6	1.9	1.4
>= 28.00	7.9	.4	3.0	11.3	13.6	19.9	20.7	12.0	6.7	3.0	2.1	1.5	.8
>= 37.00	5.5	.3	2.1	7.8	9.5	14.1	14.2	8.0	5.0	2.3	1.6	1.2	.8
>= 48.00	4.0	.3	1.7	6.0	6.9	9.0	10.6	5.5	3.8	1.8	1.0	1.0	.6
>= 63.00	2.9	.3	1.1	4.4	5.6	5.9	7.9	3.2	2.5	1.4	1.0	.9	.3
>= 82.00	1.8		.9	2.9	3.6	4.1	4.6	2.5	1.9	1.3		.4	.1
>= 110.00	1.2		.4	1.7	2.3	2.5	3.3	1.5	1.1	1.2		.2	.1
>= 140.00	.9		.3	1.4	1.6	2.0	2.6	1.2	.7	.6		.2	.1
>= 180.00	.5		.3	.5	.8	1.4	1.4	.6	.5	.6		.1	.1
>= 240.00	.3		.3	.4	.4	.6	1.0	.3	.2	.1		.1	.1
>= 310.00	.1		.1	.1	.1	.4	.4	.1		.1			.1
>= 410.00					.1	.3	.2	.1		.1			
>= 540.00							.1			.1			
>= 700.00							.1			.1			

STATION 03313700 WEST FORK DRAKES CREEK NEAR FRANKLIN, KY. 1968-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 2.1	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 2.7	99.8	100	100	100	100	100	100	100	100	99.7	99.7	100	98.3
>= 3.5	99.4	99.7	100	100	100	100	100	100	100	98.0	97.7	99.4	98.0
>= 4.5	98.8	97.4	100	100	100	100	100	100	100	97.7	96.5	99.0	95.3
>= 5.7	98.2	96.1	100	100	100	100	100	100	100	96.3	96.1	97.7	92.7
>= 7.4	97.1	94.2	100	100	100	100	100	100	100	95.3	95.2	94.5	86.3
>= 9.5	94.1	87.7	97.3	100	100	100	100	100	100	95.0	92.3	90.3	66.7
>= 12.0	90.0	73.2	89.0	100	100	100	100	100	100	94.3	88.7	84.5	50.3
>= 16.0	84.9	57.1	82.0	100	100	100	100	100	99.4	91.7	79.4	71.9	37.3
>= 20.0	81.3	50.3	77.3	97.7	100	100	100	100	98.4	86.3	74.2	61.6	30.7
>= 26.0	76.0	41.6	65.3	93.5	100	100	100	100	97.4	76.0	64.2	48.4	26.3
>= 33.0	70.2	31.9	51.3	90.0	97.4	100	100	100	96.5	65.3	52.3	36.8	22.3
>= 43.0	64.3	24.5	44.0	83.5	95.6	100	100	100	92.9	50.0	37.7	26.8	18.7
>= 55.0	58.8	18.1	37.3	79.7	94.8	96.5	100	97.0	80.0	39.3	30.0	18.7	15.7
>= 70.0	52.5	13.5	32.3	69.7	90.6	94.7	100	89.3	64.5	31.7	20.0	12.9	13.0
>= 91.0	46.0	10.3	28.0	61.9	82.3	91.1	97.4	77.3	48.4	26.7	13.9	8.1	9.0
>= 120.0	39.0	7.4	23.3	51.6	71.9	83.7	86.8	62.7	37.1	21.7	10.0	6.5	8.0
>= 150.0	34.0	6.1	18.3	43.5	63.9	74.8	80.0	53.3	30.6	19.7	7.4	5.8	6.7
>= 190.0	28.4	4.2	15.0	35.5	54.5	63.8	67.7	45.3	25.5	16.0	4.8	4.6	5.7
>= 250.0	22.2	2.6	11.3	26.1	48.1	51.4	52.6	35.0	18.4	12.7	2.6	2.9	5.0
>= 320.0	16.8	1.3	9.7	19.0	38.1	39.4	36.8	25.7	14.8	10.7	2.3	1.9	4.0
>= 410.0	11.9	1.0	7.0	13.2	29.4	27.3	27.1	17.0	9.0	8.0	1.0	1.6	2.7
>= 520.0	8.4	1.0	5.3	10.0	20.0	18.4	18.4	12.7	7.1	6.3		1.3	1.3
>= 670.0	5.4	.6	3.3	7.4	11.9	10.9	12.2	8.6	4.5	4.0		.6	1.0
>= 870.0	3.6	.6	2.6	4.8	9.6	5.6	7.7	5.0	3.2	3.3		.6	1.0
>= 1100.0	2.4	.6	1.6	3.8	5.8	3.1	6.7	2.0	1.9	2.6		.6	.3
>= 1400.0	1.7	.3	1.0	2.5	3.8	2.1	4.8	1.0	1.6	2.6		.3	.3
>= 1800.0	1.2	.3	.6	1.9	2.5	1.7	4.1	.6	1.2	1.6			
>= 2400.0	.8	.3	.6	1.2	1.9	1.0	2.9	.3	1.2	.6			
>= 3000.0	.4		.6	.9	.9	.3	1.9	.3	.3	.3			
>= 3900.0	.3		.6	.6	.6		1.6		.3	.3			
>= 5000.0	.1			.3	.3		.6			.3			
>= 6400.0							.6						
>= 8300.0							.3						

STATION 03314000 DRAKES CREEK NEAR ALVATON, KY. 1940-1971

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 10	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 13	99.9	100	100	100	100	100	100	100	100	100	100	100	98.4
>= 16	99.8	99.8	100	100	100	100	100	100	100	100	100	100	97.5
>= 21	99.3	96.8	99.9	100	100	100	100	100	100	100	100	100	94.6
>= 27	97.8	88.7	98.3	99.5	99.9	100	100	100	100	100	100	99.1	88.2
>= 35	94.8	73.7	94.6	98.0	99.1	100	100	100	100	100	99.0	94.2	79.2
>= 44	90.6	60.1	87.2	94.2	98.7	99.8	100	100	99.7	99.5	96.3	85.1	67.5
>= 57	84.2	44.5	72.2	86.7	95.6	99.6	100	100	99.1	97.2	92.3	73.1	50.9
>= 73	78.9	34.2	64.4	80.1	93.3	99.4	100	100	98.4	93.4	84.9	60.6	38.8
>= 93	72.5	21.0	54.5	75.3	91.5	99.2	100	100	97.7	85.7	73.2	47.0	27.0
>= 120	66.7	15.3	43.1	70.0	89.3	99.2	99.6	100	96.1	75.5	61.9	35.0	17.4
>= 150	61.6	10.3	33.3	62.9	87.1	97.6	99.2	99.6	93.9	65.7	50.1	27.8	13.6
>= 200	54.8	5.2	25.7	55.6	84.4	94.9	97.7	97.4	83.6	50.3	35.6	19.7	10.2
>= 250	49.1	3.7	21.5	50.7	78.3	91.3	94.7	94.0	70.3	37.2	27.0	15.3	8.2
>= 320	43.1	2.3	16.6	43.3	69.8	84.8	91.7	87.8	58.5	27.2	19.0	12.1	6.4
>= 420	36.6	1.4	13.2	38.0	62.4	75.3	87.4	74.7	43.9	19.1	13.2	8.9	4.5
>= 530	31.2	.9	10.3	31.1	53.1	69.0	81.4	62.7	33.6	14.5	9.6	6.3	3.6
>= 680	25.7	.5	8.0	26.7	45.6	61.2	70.6	49.1	25.4	10.1	6.8	4.0	3.0
>= 870	20.5	.4	6.6	21.4	36.1	52.4	56.9	37.3	19.5	8.1	4.3	2.9	2.4
>= 1100	15.6	.2	5.2	17.2	28.5	41.3	42.7	27.0	14.5	5.7	3.0	1.7	2.2
>= 1400	11.6	.2	3.9	13.6	21.3	31.7	31.1	19.3	10.1	4.5	1.7	1.1	1.6
>= 1800	8.5	.1	2.9	10.6	16.6	24.3	22.1	13.2	6.8	3.4	.9	.7	1.1
>= 2400	5.6	.1	2.4	7.2	11.4	16.3	14.1	8.4	3.9	2.5	.6	.4	.7
>= 3000	4.0	.1	1.9	5.6	8.1	11.0	10.5	5.7	2.6	1.8	.4	.2	.5
>= 3900	2.8	.1	1.4	4.2	5.5	8.0	7.3	3.3	1.8	1.0		.1	.5
>= 5000	1.8	.1	.6	2.9	4.1	5.7	4.8	2.2	1.2	.7		.1	.3
>= 6400	1.2		.2	1.7	2.4	4.3	2.9	1.4	.7	.7			.2
>= 8200	.7		.1	1.0	1.4	2.4	1.7	.8	.5	.4			.2
>= 10000	.4		.1	.5	1.1	1.1	1.0	.4	.3	.3			
>= 13000	.1		.1	.4	.5	.4	.4	.1		.2			
>= 17000	.1		.1	.1	.4	.3	.2			.2			
>= 22000					.2	.3	.1			.2			
>= 28000						.1				.1			
>= 36000						.1				.1			

STATION 03314500 BARREN RIVER AT BOWLING GREEN, KY. 1938-1963 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 45	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 56	99.8	99.5	100	100	100	100	100	100	100	100	100	100	98.4
>= 70	99.2	96.3	100	100	100	100	100	100	100	100	100	100	94.0
>= 88	98.1	93.0	99.1	100	100	100	100	100	100	100	99.6	99.4	86.0
>= 110	95.9	80.5	95.3	100	100	100	100	100	100	100	99.4	96.8	79.1
>= 140	93.4	71.1	92.5	99.5	100	100	100	100	100	100	97.2	90.5	70.8
>= 170	90.0	58.5	85.5	96.0	99.0	100	100	100	100	100	95.5	83.4	62.3
>= 210	85.4	45.2	76.9	91.6	95.2	99.4	100	100	99.5	98.7	93.0	75.5	50.5
>= 270	79.4	29.9	66.0	84.1	92.3	99.3	100	100	98.7	96.1	86.6	63.5	36.9
>= 330	74.5	24.0	58.1	78.6	90.8	99.2	100	100	97.8	91.9	75.9	51.7	28.1
>= 420	68.7	19.4	47.6	71.5	89.8	99.0	99.7	100	96.1	80.4	62.3	39.6	21.2
>= 520	63.1	14.1	37.9	64.0	87.1	97.9	99.4	99.7	93.5	67.1	50.6	30.7	17.1
>= 650	57.4	9.5	29.7	57.5	84.4	94.8	98.7	99.6	85.3	54.3	39.1	23.6	14.3
>= 810	52.0	6.1	26.1	51.9	80.9	92.5	97.3	97.3	71.2	43.3	30.8	17.7	12.0
>= 1000	47.2	4.4	21.6	47.5	73.9	89.9	95.2	93.5	58.5	35.5	23.6	15.4	10.0
>= 1300	41.4	3.2	17.6	40.5	66.2	85.0	91.7	86.0	46.2	27.3	17.2	10.5	8.1
>= 1600	36.0	2.2	14.7	35.1	60.3	77.1	87.1	75.1	36.6	20.4	12.1	8.4	5.7
>= 2000	30.9	1.4	11.2	31.0	52.9	69.8	81.4	62.4	27.9	15.7	8.8	5.5	4.9
>= 2500	25.7	.8	9.1	25.0	45.2	64.3	71.9	48.5	20.5	11.7	6.5	3.5	4.4
>= 3100	21.1	.4	7.3	20.6	39.2	55.0	58.8	38.7	16.1	8.5	4.6	2.3	3.2
>= 3900	16.4	.3	5.6	16.6	31.0	46.0	45.7	28.0	11.9	6.9	3.0	1.0	2.7
>= 4800	12.9	.3	4.5	13.9	25.3	37.5	36.8	19.5	8.6	5.3	1.9	.3	2.1
>= 6000	9.6	.3	3.6	10.7	21.0	29.5	27.0	13.2	5.5	2.9	1.3	.1	1.9
>= 7500	7.4		3.3	8.6	17.1	22.8	20.0	9.6	3.4	2.2	.9		1.7
>= 9400	5.5		2.4	6.3	12.3	17.4	16.3	6.5	2.3	1.8	.5		1.3
>= 12000	3.9		1.6	4.9	10.0	12.8	10.7	4.5	1.5	1.3	.2		.5
>= 15000	2.6		.5	3.0	7.2	10.3	6.7	2.5	1.0	1.0			.1
>= 18000	1.7		.4	2.1	5.0	7.3	3.7	1.6	.2	.8			
>= 23000	.7		.2	1.2	2.0	3.6	1.8	.4		.2			
>= 29000	.3		.1	.2	1.4	1.5	1.2			.1			
>= 36000	.2			.1	.7	.7	.9						
>= 45000					.5	.2	.3						
>= 56000					.1	.1	.2						
>= 70000						.1							

STATION 03314500 BARREN RIVER AT BOWLING GREEN, KY. 1965-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 88	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 110	99.7	100	100	100	100	100	100	100	100	100	97.9	99.1	100
>= 130	99.6	99.5	100	100	100	100	100	100	100	100	96.3	99.1	100
>= 160	98.2	98.8	96.9	95.9	99.8	100	100	100	100	98.8	94.7	98.8	95.0
>= 190	97.1	95.9	96.0	94.9	99.8	100	100	100	100	98.3	94.2	93.5	92.4
>= 230	96.0	94.7	95.2	94.7	99.1	99.7	100	100	100	97.6	92.9	89.2	89.8
>= 280	94.3	94.0	94.8	94.2	98.2	99.5	100	100	100	91.7	90.8	83.4	86.0
>= 340	91.6	92.9	94.3	93.8	98.2	99.5	100	98.6	100	82.4	83.9	77.4	79.3
>= 410	88.4	91.2	93.8	92.6	97.7	99.5	100	96.4	94.9	75.2	76.0	68.4	76.0
>= 500	84.0	88.9	92.1	91.0	97.5	98.5	98.2	89.8	87.8	70.5	69.4	58.1	66.7
>= 610	78.1	78.6	88.3	86.9	96.8	96.7	96.3	84.0	82.7	58.8	62.0	51.6	55.2
>= 740	71.0	66.1	86.9	81.1	95.5	94.7	89.2	79.8	75.1	54.5	45.2	41.9	43.6
>= 900	65.7	56.0	86.2	79.3	94.7	92.2	85.5	76.0	67.3	44.3	40.3	34.1	33.8
>= 1100	62.1	53.9	85.0	76.3	92.2	88.9	82.5	69.0	61.5	39.8	36.9	29.5	31.0
>= 1300	59.0	51.4	84.5	73.7	88.2	86.3	80.9	66.0	56.5	35.7	34.1	25.1	27.6
>= 1600	54.4	46.1	79.5	69.1	86.4	82.3	76.3	58.3	50.7	33.8	29.7	19.6	22.1
>= 1900	50.4	36.6	72.6	65.7	84.3	80.0	74.0	52.6	46.3	31.2	26.3	17.3	19.3
>= 2400	45.3	29.5	64.3	58.1	80.2	73.9	68.9	47.4	41.9	27.1	23.0	15.7	15.0
>= 2900	40.0	20.3	52.1	54.1	76.0	70.4	60.8	44.0	36.9	25.5	19.1	14.1	8.6
>= 3500	34.0	12.0	33.8	47.7	68.7	65.6	54.6	41.4	34.8	21.4	13.8	9.0	7.4
>= 4200	26.6	6.2	18.6	38.7	60.1	60.3	49.3	34.3	25.8	14.5	6.5	4.4	2.4
>= 5100	16.8	1.4	7.6	25.8	39.9	44.6	32.9	26.4	13.8	6.2	2.1	2.1	1.0
>= 6200	8.3	.7	3.1	12.7	22.1	18.7	16.1	13.1	7.6	3.3	.5	.7	1.0
>= 7500	3.4	.4	.9	4.6	8.2	6.3	8.5	5.0	3.2	2.6		.4	.7
>= 9100	1.8	.2	.4	2.7	4.6	2.2	5.2	2.3	1.8	1.9		.2	.2
>= 11000	1.2	.2	.4	1.8	3.2	1.7	3.4	1.1	1.1	1.4			
>= 13000	.7	.2	.4	.9	2.0	.7	2.3	.7	.4	.7			
>= 16000	.4		.4	.6	.6		1.8	.4	.2	.4			
>= 20000	.2		.4	.2	.4		.6	.4		.4			
>= 24000	.1				.4		.4	.2		.4			
>= 29000							.4			.4			
>= 35000							.4			.2			
>= 43000							.2			.2			
>= 52000							.2			.2			

STATION 03314500 BARREN RIVER AT BOWLING GREEN, KY. 1938-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 45	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 56	99.9	99.7	100	100	100	100	100	100	100	100	100	100	99.0
>= 70	99.5	97.7	100	100	100	100	100	100	100	100	100	100	96.3
>= 88	98.7	95.6	99.4	100	100	100	100	100	100	99.9	99.4	99.0	91.3
>= 110	97.1	87.2	97.1	100	100	100	100	100	100	99.5	98.4	96.2	86.4
>= 140	95.0	79.5	94.9	99.1	100	100	100	100	100	98.7	95.4	92.1	81.0
>= 170	92.2	71.1	88.6	95.9	99.3	100	100	100	100	97.7	93.8	87.0	73.6
>= 210	88.7	61.5	81.9	92.1	96.9	99.6	100	100	99.3	96.3	91.7	79.9	65.3
>= 270	83.9	51.6	74.4	86.0	94.4	99.5	100	100	98.5	92.7	86.4	69.6	55.2
>= 330	79.9	47.6	69.3	82.1	93.3	99.3	100	99.6	97.7	86.8	77.7	59.8	47.3
>= 420	74.7	44.0	62.6	77.1	92.4	99.2	99.8	98.8	94.2	76.3	65.3	48.1	40.5
>= 520	69.4	39.8	55.3	71.9	90.6	98.1	98.7	95.9	90.0	65.4	55.8	39.0	34.5
>= 650	63.3	31.2	49.3	65.6	88.6	95.4	97.2	93.8	82.0	53.9	45.2	31.9	27.9
>= 810	57.2	25.0	46.7	60.6	86.0	92.7	94.1	90.5	70.2	44.0	34.0	24.0	21.0
>= 1000	52.5	21.9	43.5	56.9	80.5	89.3	91.3	86.3	59.4	36.8	28.4	20.7	17.8
>= 1300	47.1	20.0	40.6	51.1	73.5	84.3	87.9	79.3	49.1	29.6	22.7	15.3	14.8
>= 1600	42.1	17.5	37.0	46.1	69.0	77.7	83.4	69.8	41.0	24.6	18.0	12.1	11.3
>= 2000	37.1	13.1	32.2	42.2	63.1	71.8	78.7	59.2	33.6	20.3	14.6	9.4	9.7
>= 2500	32.0	10.6	26.8	36.0	56.5	66.4	70.9	48.5	27.1	16.8	11.5	7.6	7.9
>= 3100	26.7	6.0	20.3	30.6	50.2	58.6	59.5	41.1	23.0	14.0	9.4	5.2	4.8
>= 3900	21.0	3.6	12.0	25.6	42.3	50.4	48.4	31.9	17.8	10.3	5.2	2.8	3.3
>= 4800	15.4	.9	6.3	19.4	31.8	42.0	39.0	23.5	11.5	6.3	2.3	1.0	1.8
>= 6000	9.7	.4	3.3	12.0	22.1	26.6	25.0	14.8	6.7	3.3	1.0	.4	1.5
>= 7500	5.9	.1	2.4	7.0	13.6	16.4	16.1	7.9	3.3	2.3	.5	.1	1.3
>= 9400	4.1		1.6	4.8	9.1	11.6	12.5	4.8	2.0	1.8	.3		.8
>= 12000	2.8		1.1	3.5	7.2	8.4	8.2	3.0	1.2	1.2	.1		.3
>= 15000	1.9		.5	2.2	4.9	6.6	5.1	1.8	.8	.9			
>= 18000	1.2		.4	1.6	3.3	4.6	2.9	1.1	.1	.6			
>= 23000	.5		.1	.8	1.4	2.3	1.2	.3		.3			
>= 29000	.2			.1	.8	.9	.9			.2			
>= 36000	.1				.4	.4	.7						
>= 45000					.3	.1	.3						
>= 56000							.2						

STATION 03315000 BARREN RIVER AT LOCK 1, AT GREENCASTLE, KY. 1924-1931

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 53	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 65	99.4	97.2	100	100	100	100	100	100	100	100	100	99.5	95.7
>= 79	99.2	97.2	100	100	100	100	100	100	100	100	100	99.5	93.3
>= 97	98.7	96.8	100	100	100	100	100	100	100	100	100	97.7	89.5
>= 120	95.0	84.3	91.0	100	100	100	100	100	100	100	100	82.9	82.4
>= 150	94.4	83.4	91.0	100	100	100	100	100	100	100	100	81.1	78.1
>= 180	92.3	80.6	85.2	94.9	100	100	100	100	100	100	97.2	77.0	72.9
>= 220	87.8	64.5	84.3	92.6	100	100	100	100	100	100	88.9	69.1	54.8
>= 270	85.6	61.8	82.9	86.6	100	99.0	100	100	100	98.6	79.7	67.7	51.4
>= 330	80.6	47.5	73.8	86.6	100	99.0	100	100	100	97.6	67.3	61.8	34.8
>= 400	76.1	41.9	71.4	85.3	97.2	95.9	100	100	100	88.1	56.7	55.3	22.4
>= 490	71.3	38.7	64.8	83.4	92.6	95.4	100	100	97.2	74.3	48.4	47.5	14.8
>= 600	67.4	33.6	57.6	79.7	88.0	95.4	100	100	90.8	68.1	42.4	41.5	13.3
>= 730	63.6	32.3	53.3	75.6	84.3	95.4	100	98.6	84.8	59.0	37.8	34.6	9.5
>= 890	59.8	27.6	51.0	70.5	82.5	95.4	98.6	95.7	78.3	51.9	32.3	28.1	7.6
>= 1100	52.4	22.1	43.8	56.7	74.7	94.9	96.8	91.9	63.6	38.6	23.5	19.8	5.7
>= 1300	48.9	19.4	40.5	49.8	68.7	94.4	95.9	86.7	57.6	34.8	20.3	17.1	4.8
>= 1600	42.8	15.7	36.2	41.9	62.7	88.3	87.6	75.7	47.5	30.5	13.8	13.8	2.9
>= 2000	36.1	12.4	30.0	35.5	54.8	77.2	79.7	61.4	39.2	23.3	11.1	8.8	2.4
>= 2400	28.7	9.2	24.8	27.6	46.5	60.4	62.7	48.1	29.5	20.0	10.1	6.5	1.4
>= 3000	23.7	7.4	19.5	24.0	42.4	46.7	48.8	40.0	24.0	18.6	8.8	5.1	1.4
>= 3700	17.9	5.5	16.2	18.9	34.1	32.0	37.3	29.5	18.0	15.2	5.5	3.2	.5
>= 4500	14.8	4.6	12.9	17.1	29.5	24.9	32.3	21.4	15.2	12.9	5.1	2.8	
>= 5500	10.3	2.7	9.0	13.8	21.6	15.2	25.8	10.9	10.5	10.0	3.2	1.3	
>= 6700	8.1	1.3	8.5	11.5	16.1	12.1	19.3	8.5	7.8	7.6	3.2	1.3	
>= 8200	6.0	1.3	3.3	8.2	13.3	9.1	13.8	7.1	5.9	6.6	2.3	1.3	
>= 10000	4.3	.9	1.4	6.4	11.0	5.0	10.1	4.2	4.6	5.2	1.8	.4	
>= 12000	3.1	.9	.4	6.4	8.2	3.0	7.8	1.9	3.2	4.2	1.3		
>= 15000	2.3			6.4	6.4	2.0	6.4	.9	1.8	2.3	1.3		
>= 18000	1.3			5.5	4.6	1.0	1.8	.4	.4	.9	.9		
>= 23000	.6			4.1	2.7	.5	.4						
>= 28000	.3			3.6									
>= 34000	.2			2.7									
>= 41000				.9									

STATION 03315500 GREEN RIVER AT LOCK 4, AT WOODBURY, KY. 1938-1963 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 200	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 240	99.9	100	100	100	100	100	100	100	100	100	100	99.9	98.9
>= 300	99.0	93.5	100	100	100	100	100	100	100	100	100	99.5	94.7
>= 360	97.8	87.7	98.5	99.6	100	100	100	100	100	100	99.9	98.7	89.2
>= 450	95.1	75.0	94.3	99.4	100	100	100	100	100	100	98.2	96.0	78.4
>= 540	91.9	64.1	87.6	96.0	99.2	99.3	100	100	100	100	96.9	90.8	68.8
>= 670	86.9	45.4	78.7	91.0	97.4	99.3	100	100	99.1	98.8	93.7	82.6	57.3
>= 810	82.6	32.8	71.5	87.6	95.4	99.3	100	100	98.3	97.3	88.8	73.9	46.8
>= 990	77.9	25.7	61.9	82.1	93.7	99.3	100	100	97.7	94.7	80.9	63.6	36.1
>= 1200	73.3	20.9	50.7	76.6	92.3	98.3	99.6	100	97.3	88.4	73.5	54.6	29.3
>= 1500	67.5	15.0	41.7	68.8	90.7	96.6	98.8	99.6	96.4	75.9	61.3	44.1	22.9
>= 1800	63.4	12.3	36.5	63.7	88.9	96.2	98.1	99.6	93.5	67.2	51.0	36.6	18.7
>= 2200	58.1	8.9	30.9	58.5	85.8	93.8	97.2	98.8	81.4	56.9	41.7	29.9	15.5
>= 2700	52.9	5.3	25.1	52.3	80.0	91.1	96.0	98.0	70.6	47.5	34.8	22.6	13.6
>= 3300	48.1	3.7	21.5	48.1	74.1	89.4	94.1	95.9	59.1	37.6	27.6	17.9	11.3
>= 4000	43.8	3.0	18.1	43.1	68.5	85.3	91.2	92.4	50.3	30.4	21.8	13.9	9.9
>= 4900	38.7	1.5	15.2	37.9	63.5	78.9	88.5	83.3	39.2	24.1	16.4	9.9	8.3
>= 6000	34.1	1.2	13.3	34.1	57.3	74.1	82.7	72.8	31.2	18.0	13.3	7.6	6.8
>= 7400	29.1	.9	10.3	29.3	50.7	66.7	75.0	59.1	24.6	13.9	10.2	5.5	5.7
>= 9000	24.5	.4	8.5	25.9	44.4	60.2	65.0	46.4	20.1	10.1	7.7	3.2	4.4
>= 11000	19.8	.1	6.9	20.5	38.1	50.7	53.7	37.1	14.7	8.0	4.4	2.3	2.9
>= 13000	16.6	.1	6.3	17.5	31.9	44.2	45.7	30.5	11.7	6.4	2.8	1.9	2.4
>= 16000	13.2		5.7	13.7	27.5	37.5	38.1	20.5	8.1	4.4	1.5	1.3	1.9
>= 20000	10.4		4.5	11.6	22.5	31.3	29.9	15.4	5.0	3.3	.6	1.1	1.0
>= 25000	8.3		3.8	9.4	19.0	26.4	23.4	11.6	3.4	2.4	.2	.7	.5
>= 30000	6.5		2.8	7.7	15.4	21.9	18.9	7.8	2.1	1.8	.2	.3	.2
>= 37000	4.3		1.7	4.5	10.4	15.5	12.7	4.9	1.0	.9		.2	.2
>= 45000	2.6		1.3	2.7	6.7	10.4	7.7	2.6	.5	.4			
>= 55000	1.1		.8	1.2	3.4	5.5	3.2						
>= 67000	.5		.5	.3	1.8	1.9	1.8						
>= 82000	.1				.2	.1	1.0						
>= 100000							.6						
>= 120000							.3						
>= 150000							.1						

STATION 03315500 GREEN RIVER AT LOCK 4, AT WOODBURY, KY. 1964-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 356	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 420	99.9	100	100	100	100	100	100	100	100	100	100	99.1	99.1
>= 490	99.5	98.1	99.6	99.1	100	100	100	100	100	100	100	98.1	98.7
>= 580	98.3	97.4	99.1	93.8	99.4	100	100	100	100	99.8	98.7	93.8	98.4
>= 690	97.3	97.2	98.7	92.0	99.1	100	100	100	100	98.7	97.6	89.7	94.7
>= 810	96.1	96.3	98.2	91.4	99.1	100	100	100	99.1	96.9	95.7	86.0	91.3
>= 950	94.5	95.1	97.3	91.0	98.9	100	100	100	98.7	93.6	93.5	82.2	84.0
>= 1100	92.2	93.5	93.8	89.7	98.9	100	100	100	98.5	91.8	89.9	73.1	77.1
>= 1300	89.4	91.2	93.3	88.2	98.9	100	100	100	97.2	87.8	81.5	64.5	70.4
>= 1600	83.5	79.8	89.3	85.6	97.4	99.3	100	98.4	92.7	80.7	66.9	56.3	56.2
>= 1800	80.1	70.8	88.4	83.4	96.6	98.8	99.8	97.3	90.8	74.2	59.4	51.4	51.8
>= 2200	74.6	62.2	87.1	80.6	95.3	96.9	98.5	94.7	85.8	60.0	51.8	41.7	42.7
>= 2600	70.0	59.6	83.3	78.1	93.8	92.9	95.1	89.8	79.6	51.1	44.1	35.9	38.2
>= 3000	65.4	52.9	78.2	75.1	91.2	89.9	90.8	85.6	74.0	46.9	40.0	31.2	31.1
>= 3600	60.0	43.0	76.0	70.1	87.1	85.4	89.2	80.4	68.0	41.1	34.0	25.2	21.6
>= 4200	55.2	35.1	66.0	66.5	84.5	83.5	87.3	76.0	62.8	35.1	28.8	21.1	17.6
>= 4900	50.6	27.1	53.8	62.2	81.1	80.7	84.1	72.7	59.1	31.1	24.9	18.7	12.9
>= 5800	46.2	22.6	44.2	58.5	76.6	78.3	81.1	66.9	53.5	24.9	22.6	16.1	10.2
>= 6900	41.5	14.4	38.0	52.9	71.8	75.9	78.1	60.7	49.7	19.8	18.7	12.0	7.3
>= 8100	37.1	10.3	32.2	48.8	65.8	71.2	71.6	55.3	43.0	17.1	15.1	9.0	7.1
>= 9500	31.7	6.5	22.9	44.7	58.1	63.2	63.7	48.2	37.2	12.9	11.2	6.9	6.4
>= 11000	28.4	5.4	18.0	41.3	54.0	58.7	57.6	45.1	32.5	10.7	8.8	5.6	4.9
>= 13000	24.3	2.8	11.6	37.2	47.3	50.9	51.8	39.6	28.8	8.2	6.5	4.3	4.4
>= 16000	19.1	.8	5.7	30.9	39.5	38.9	42.1	31.1	23.2	6.8	4.9	3.4	2.8
>= 18000	16.0	.8	3.7	25.3	35.0	29.9	36.3	26.2	21.0	5.3	4.0	2.3	2.0
>= 22000	10.2	.8	1.7	17.8	23.0	15.3	25.5	15.7	12.9	4.2	2.3	1.9	.8
>= 26000	6.1	.6	.8	7.9	14.8	9.1	17.2	10.8	6.8	2.8	1.7	.6	
>= 30000	4.0	.6	.6	4.3	9.2	6.1	13.3	6.6	3.6	1.7	1.5	.4	
>= 35000	2.5	.2	.6	3.0	5.1	3.5	10.5	4.2	1.9	.8	.4		
>= 42000	1.4		.6	1.0	2.3	1.4	6.8	2.8	.8	.6			
>= 49000	.6		.2	.4	1.0		4.5	1.3		.6			
>= 58000	.3				1.0		2.1	.4					
>= 68000	.1				.4		1.0						
>= 81000							.2						

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 200	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 240	99.9	100	100	100	100	100	100	100	100	100	100	99.9	99.3
>= 300	99.4	96.1	100	100	100	100	100	100	100	100	100	99.7	96.7
>= 360	98.7	92.5	99.1	99.8	100	100	100	100	100	100	99.9	99.2	93.3
>= 450	96.9	84.5	96.4	99.6	100	100	100	100	100	100	98.9	97.2	86.4
>= 540	94.5	77.3	92.1	95.5	99.3	99.6	100	100	100	100	98.1	92.6	79.4
>= 670	90.9	65.7	86.5	91.6	98.1	99.6	100	100	99.4	98.9	95.4	85.6	70.4
>= 810	87.7	57.6	81.3	89.3	96.9	99.6	100	100	98.7	97.2	91.6	78.4	62.4
>= 990	83.8	52.1	74.6	85.2	95.8	99.6	100	100	98.1	94.2	85.7	69.8	51.9
>= 1200	79.9	48.6	66.7	80.7	94.9	99.0	99.8	100	97.7	89.2	78.9	59.7	45.2
>= 1500	74.3	41.5	61.3	75.1	93.1	97.7	99.3	99.3	94.9	79.3	65.4	49.5	37.0
>= 1800	69.4	34.6	56.2	70.2	91.3	97.2	98.7	98.5	91.3	69.3	54.7	41.8	30.4
>= 2200	63.9	29.0	52.0	65.9	88.6	94.9	97.7	96.1	81.7	57.5	45.7	34.0	25.1
>= 2700	58.3	25.4	46.1	61.1	84.0	91.4	95.3	93.0	71.7	48.0	37.5	26.8	21.7
>= 3300	52.8	19.2	41.7	56.7	78.3	88.9	92.7	89.3	61.9	38.7	30.6	21.6	16.8
>= 4000	48.2	16.5	37.5	51.7	73.6	85.0	90.2	85.0	54.2	32.4	25.0	16.7	13.1
>= 4900	42.6	11.3	29.2	46.4	68.7	79.4	87.2	77.6	45.7	26.3	19.1	13.1	9.8
>= 6000	37.8	8.7	23.7	42.5	62.8	75.0	82.4	68.9	38.3	19.8	16.1	10.5	7.6
>= 7400	32.6	5.4	19.3	36.8	56.4	68.2	75.8	57.3	32.4	15.3	12.7	7.5	6.2
>= 9000	27.5	3.1	14.6	32.6	49.0	61.7	66.6	47.0	26.8	11.4	9.4	4.6	5.1
>= 11000	22.7	2.3	10.8	27.6	43.0	52.5	55.9	39.1	20.8	8.8	5.9	3.5	3.6
>= 13000	19.2	1.3	8.0	24.3	36.7	45.6	48.7	33.1	17.7	6.9	4.1	2.8	3.1
>= 16000	15.2	.3	5.6	19.7	31.2	37.1	40.4	23.9	13.5	5.2	2.8	2.0	2.2
>= 20000	11.2	.3	3.5	14.8	24.4	27.1	31.1	17.1	9.2	3.9	1.5	1.4	1.1
>= 25000	7.8	.2	2.7	9.5	17.9	20.0	22.6	11.2	5.3	2.6	.8	.7	.4
>= 30000	5.5	.2	1.9	6.2	12.8	15.6	17.3	7.2	2.6	1.7	.7	.3	.1
>= 37000	3.5		1.3	3.6	8.1	10.6	11.8	4.4	1.2	.8		.1	.1
>= 45000	2.0		.9	1.8	4.8	6.4	7.0	2.5	.4	.4			
>= 55000	.8		.4	.7	2.5	3.3	2.9	.1					
>= 67000	.3		.3	.2	1.2	1.2	1.5						
>= 82000					.1		.7						
>= 100000							.3						
>= 120000							.2						

STATION 03316000 MUD RIVER NEAR LEWISBURG, KY. 1940-1972

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .10	96.0	89.7	96.0	100	100	100	100	100	100	99.0	94.5	89.8	82.8
>= .20	95.7	89.1	96.0	100	100	100	100	100	100	99.0	94.4	89.5	80.9
>= .30	95.4	87.3	96.0	100	100	100	100	100	100	98.5	94.3	89.0	79.7
>= .40	95.0	84.6	96.0	100	100	100	100	100	100	98.5	94.2	88.2	78.8
>= .50	94.7	83.7	96.0	100	100	100	100	100	100	98.0	93.8	87.4	77.9
>= .70	94.1	80.5	96.0	99.8	100	100	100	100	100	97.7	93.3	86.5	75.3
>= 1.00	93.2	76.7	95.8	99.5	100	100	100	100	100	97.2	91.3	85.2	73.0
>= 1.50	91.9	72.2	94.2	99.2	100	100	100	100	100	96.9	89.3	81.5	69.7
>= 2.00	90.1	67.7	93.0	98.3	100	100	100	100	100	95.9	86.8	76.8	63.4
>= 2.50	86.3	58.3	86.8	96.3	100	100	100	100	100	93.7	80.4	67.0	54.0
>= 4.00	82.2	47.3	80.1	95.8	99.8	100	100	100	99.6	90.6	74.3	57.5	42.0
>= 5.60	77.6	37.9	72.6	94.4	97.5	100	100	100	98.4	85.2	63.7	49.3	33.5
>= 7.80	72.6	27.5	67.3	87.8	96.3	99.6	100	100	97.7	76.1	53.7	41.7	25.6
>= 11.00	68.1	23.1	61.2	81.1	95.1	99.1	100	100	95.4	65.5	46.2	34.0	18.6
>= 15.00	63.6	18.3	54.7	74.0	93.2	98.6	100	100	90.7	55.8	38.2	27.5	14.6
>= 21.00	58.1	12.1	43.3	64.3	90.0	97.5	98.0	99.9	85.4	46.3	30.7	21.8	10.6
>= 30.00	52.2	7.6	33.0	56.5	86.4	94.4	96.2	98.8	75.4	34.2	23.6	15.2	8.1
>= 42.00	46.1	5.3	23.2	50.0	79.8	90.5	93.3	94.2	58.7	25.3	18.7	10.9	6.3
>= 58.00	40.3	3.5	18.7	44.0	70.0	83.8	89.2	85.2	46.2	18.7	14.1	7.6	5.4
>= 81.00	34.2	2.1	14.9	36.5	59.6	75.6	83.1	72.3	34.6	14.0	10.6	5.8	3.5
>= 110.00	28.5	1.8	11.6	29.9	48.5	65.7	75.6	57.9	27.1	11.2	7.8	4.0	3.3
>= 160.00	21.0	1.2	7.4	22.3	36.2	51.1	56.9	40.4	19.2	9.1	5.4	2.7	2.4
>= 220.00	15.6	.8	5.6	16.8	27.8	38.4	43.3	28.0	13.6	6.8	3.7	2.3	1.9
>= 310.00	11.1	.5	4.2	12.0	21.8	27.2	31.2	17.9	9.1	4.9	2.2	1.2	1.4
>= 440.00	7.6	.3	2.9	8.8	15.3	18.9	21.6	11.4	6.3	3.6	1.0	.8	1.1
>= 610.00	5.1	.2	1.9	6.3	10.5	13.7	14.5	6.7	4.2	2.5	.5	.2	.8
>= 850.00	3.6	.1	1.5	4.3	8.2	9.4	10.0	4.7	2.9	1.8	.2	.1	.7
>= 1200.00	2.3		1.2	3.0	4.6	6.2	5.6	3.1	1.8	1.5	.2		.5
>= 1700.00	1.4		1.0	2.1	3.1	3.5	3.2	1.7	.8	1.0			.3
>= 2300.00	.7		.5	.9	1.5	2.0	1.8	1.0	.4	.6			.3
>= 3300.00	.2		.3	.3	.4	.9	.5	.2		.4			.2
>= 4500.00	.1		.2	.2		.5	.1						.2
>= 6400.00			.1										

STATION 03316500 GREEN RIVER AT PARADISE, KY. 1940-1950 1961-1963 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 250	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 300	99.8	98.2	100	100	100	100	100	100	100	100	100	100	99.8
>= 360	99.3	93.8	100	100	100	100	100	100	100	100	100	100	97.9
>= 430	97.3	77.6	99.8	100	100	100	100	100	100	100	97.9	98.8	94.8
>= 520	94.7	64.7	96.2	98.8	100	100	100	100	100	99.8	97.2	96.8	85.0
>= 620	90.7	50.2	86.7	97.0	99.3	98.9	100	100	98.8	98.8	94.2	90.8	76.7
>= 750	85.4	27.4	79.3	90.6	97.0	98.6	100	100	98.6	97.9	92.6	83.4	64.0
>= 900	81.5	22.1	72.9	87.3	96.0	98.6	100	100	97.5	96.4	87.3	76.5	48.8
>= 1100	76.9	16.6	63.3	83.9	95.0	98.6	100	100	96.5	91.2	79.0	66.6	37.9
>= 1300	72.4	14.1	52.9	79.9	94.5	96.2	99.8	100	95.6	81.0	74.2	57.1	30.0
>= 1500	68.8	11.3	43.8	74.9	94.0	95.6	99.5	100	94.7	75.5	67.1	51.6	25.2
>= 1900	63.1	8.1	37.6	67.0	90.6	93.5	98.5	99.5	89.9	64.8	56.7	41.0	18.3
>= 2200	59.2	7.1	32.6	61.0	88.8	91.0	96.8	99.0	83.2	59.0	50.7	33.4	16.7
>= 2700	53.6	4.6	24.5	53.6	85.1	87.2	92.6	97.1	72.6	52.6	42.6	26.0	13.8
>= 3200	49.0	3.2	20.2	47.1	79.7	84.2	90.3	96.0	64.5	44.5	35.3	19.8	12.9
>= 3900	44.4	2.3	15.7	39.5	72.0	79.6	87.8	93.6	56.9	37.4	30.0	16.1	11.0
>= 4600	40.5	1.4	11.9	36.2	67.5	74.4	86.6	89.5	48.8	32.4	24.4	12.7	9.3
>= 5600	36.0	1.2	10.0	31.8	62.3	70.8	83.9	80.7	40.3	26.4	19.4	7.6	7.9
>= 6700	32.4	.9	8.3	29.3	56.6	65.9	80.9	72.4	32.9	22.4	15.7	5.5	6.9
>= 8000	28.7	.5	6.2	26.1	51.1	61.6	77.4	64.3	27.2	18.1	11.8	3.5	6.2
>= 9600	25.1	.5	4.8	23.3	45.9	56.4	70.0	56.2	23.0	14.5	8.1	2.1	5.7
>= 12000	21.2	.2	4.3	20.1	40.7	50.7	60.5	46.0	17.3	11.2	5.3	1.2	5.2
>= 14000	18.6		4.0	16.4	36.5	46.9	54.6	38.6	14.3	10.0	4.1	.9	4.3
>= 17000	15.6		3.5	13.8	33.0	39.7	48.8	30.2	9.6	7.8	2.9	.6	3.8
>= 20000	13.5		2.6	12.1	30.0	35.1	43.4	25.7	7.1	6.6	1.6	.6	3.3
>= 24000	11.4		1.9	10.4	29.0	28.3	37.2	20.4	5.0	6.4	.9	.2	2.3
>= 29000	9.0		.7	8.4	26.0	23.1	28.5	15.7	3.2	4.7	.6		1.9
>= 34000	7.0			6.2	22.0	19.3	22.0	10.7	2.0	3.3	.4		1.6
>= 41000	3.9			3.4	13.1	14.4	12.4	4.5		.7			.7
>= 50000	1.8			1.7	5.7	8.4	8.1						
>= 60000	.9			.4	3.4	3.5	29						
>= 72000	.3				2.7	.5	1.4						
>= 86000	.1				.7		.9						
>= 100000							.4						

STATION 03316500 GREEN RIVER AT PARADISE, KY. 1965-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 350	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 410	99.9	99.6	100	100	100	100	100	100	100	100	100	99.6	100
>= 480	99.6	98.3	99.6	100	100	100	100	100	100	100	100	97.6	99.8
>= 560	98.9	97.6	98.9	95.9	99.4	100	100	100	100	100	99.8	96.1	98.7
>= 660	97.9	97.0	98.7	93.8	99.1	100	100	100	100	99.3	99.6	91.2	96.0
>= 770	96.9	96.6	98.2	92.0	98.9	100	100	100	100	97.8	96.3	89.5	94.0
>= 900	95.7	95.5	97.6	91.6	98.9	100	100	100	99.1	96.7	95.9	84.3	88.7
>= 1100	92.9	94.2	94.0	90.5	98.9	100	100	100	98.5	93.6	93.1	75.3	77.6
>= 1200	91.9	93.5	93.3	89.7	98.5	100	100	100	98.3	91.8	90.5	73.1	74.2
>= 1400	89.2	90.3	93.3	88.4	98.1	99.8	100	100	96.8	88.7	80.6	66.5	68.4
>= 1700	84.8	84.1	89.3	87.3	97.4	99.5	100	98.4	93.1	84.0	68.6	60.6	56.0
>= 2000	80.0	66.4	89.1	86.9	96.8	99.3	99.6	98.0	90.8	73.1	58.9	52.0	48.2
>= 2300	76.3	62.2	88.4	82.4	96.6	97.6	98.5	96.9	87.1	67.8	51.6	46.5	41.1
>= 2700	72.1	58.7	84.0	80.0	94.6	95.5	96.8	94.7	83.4	59.1	43.9	39.1	37.6
>= 3200	66.6	50.5	78.7	76.8	92.5	90.6	93.5	90.2	77.2	50.2	38.3	31.0	30.4
>= 3700	61.5	41.3	76.9	72.0	89.2	87.7	91.4	85.1	71.0	44.0	35.1	25.4	20.2
>= 4400	55.7	32.7	62.9	67.1	84.5	84.4	89.7	80.7	65.6	38.2	27.5	21.3	15.3
>= 5100	51.5	26.2	51.6	64.7	81.7	82.5	88.0	76.2	61.9	32.0	24.5	18.9	11.6
>= 6000	47.1	20.9	43.1	60.2	78.5	80.0	84.3	71.1	57.4	25.3	22.2	15.5	8.4
>= 7000	42.9	14.4	36.9	55.5	72.9	76.9	81.3	66.0	52.0	21.3	19.1	12.0	7.6
>= 8200	39.5	10.5	32.9	50.5	67.5	74.3	78.3	62.2	49.5	16.7	15.9	9.7	7.3
>= 9600	34.7	7.3	24.2	46.0	61.3	69.3	72.5	55.8	41.7	13.1	12.5	7.3	6.7
>= 11000	31.1	5.4	18.7	43.7	57.2	63.4	65.8	51.1	37.6	10.9	9.7	6.5	5.3
>= 13000	26.6	1.9	12.6	38.9	52.2	54.9	57.6	45.5	31.6	9.1	7.5	4.5	4.4
>= 15000	22.6	1.5	6.4	34.6	44.7	47.1	49.6	40.2	28.1	8.2	5.3	3.6	3.5
>= 18000	17.7	1.2	2.8	25.5	38.0	35.8	40.4	32.4	23.2	6.2	3.6	2.5	2.0
>= 21000	13.4	1.0	.8	20.4	30.7	24.5	32.9	24.0	16.5	5.1	2.5	2.1	.6
>= 25000	9.1	.8	.6	14.1	20.0	15.8	25.8	16.4	9.2	4.4	2.1	.8	
>= 29000	6.4	.6	.6	10.1	12.6	10.8	19.7	12.4	6.2	2.6	1.7	.2	
>= 34000	3.9		.4	5.1	6.8	6.3	14.8	9.1	2.1	1.5	1.2		
>= 40000	2.0		.2	1.7	3.0	2.1	9.0	5.5	1.5	1.1			
>= 46000	.9				1.5		5.8	2.8	.4	.8			
>= 54000	.4				.8		2.5	1.3					
>= 64000							.2						

STATION 03316500 GREEN RIVER AT PARADISE, KY. 1940-1950 1961-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 250	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 300	99.9	99.1	100	100	100	100	100	100	100	100	100	100	99.9
>= 360	99.7	97.1	100	100	100	100	100	100	100	100	100	99.9	99.0
>= 430	98.7	88.9	99.9	100	100	100	100	100	100	100	99.0	99.2	97.6
>= 520	97.2	82.5	97.9	99.2	99.8	100	100	100	100	99.9	98.7	96.8	92.1
>= 620	94.7	75.4	93.2	95.6	99.2	99.5	100	100	99.5	99.3	97.1	92.3	86.0
>= 750	91.6	64.4	89.4	91.9	98.1	99.4	100	100	99.4	98.1	94.7	87.0	78.4
>= 900	88.9	61.2	85.1	90.0	97.7	99.4	100	100	98.4	96.7	92.0	80.6	67.8
>= 1100	85.3	57.6	78.9	87.3	97.2	99.4	100	100	97.6	92.7	86.8	71.1	56.9
>= 1300	82.0	55.3	73.7	84.3	96.7	98.3	99.9	100	96.9	86.0	80.9	63.9	50.6
>= 1500	78.7	51.9	69.4	81.2	96.0	97.8	99.8	99.4	94.6	81.6	72.4	58.1	45.0
>= 1900	72.3	42.2	64.3	76.3	93.5	96.6	99.2	98.4	89.1	70.4	60.1	47.7	33.8
>= 2200	68.2	36.8	61.6	71.6	92.2	94.9	98.1	96.8	84.3	63.7	53.0	40.5	29.4
>= 2700	62.6	32.4	54.8	66.4	89.0	91.7	95.0	94.1	76.3	55.1	42.9	32.5	25.3
>= 3200	57.3	27.5	49.3	61.8	84.9	87.7	92.3	91.0	69.0	46.4	36.1	25.5	21.3
>= 3900	51.8	21.7	45.2	54.9	78.9	83.5	89.8	86.6	61.4	39.1	30.5	20.1	14.8
>= 4600	46.9	16.0	36.1	51.3	74.0	79.6	88.3	82.0	55.5	33.4	24.6	16.6	11.2
>= 5600	42.2	13.0	28.2	47.3	70.0	75.7	85.9	74.9	48.7	26.8	20.4	12.5	8.6
>= 6700	37.7	9.0	23.4	43.0	64.5	70.9	82.3	67.8	42.2	21.3	17.1	9.2	7.0
>= 8000	33.9	6.2	19.6	38.4	58.1	66.9	78.8	61.6	37.7	17.0	13.9	7.0	6.6
>= 9600	29.4	4.3	14.3	34.4	52.3	61.4	72.1	54.2	31.6	13.3	10.0	4.6	6.0
>= 12000	24.6	2.4	10.0	30.5	46.7	53.1	62.2	45.0	24.9	10.2	6.6	3.1	4.9
>= 14000	21.3	1.1	6.8	26.5	41.3	47.6	54.7	39.2	21.7	9.0	5.4	2.4	4.0
>= 17000	17.1	.6	3.5	20.9	35.7	38.0	46.9	31.7	16.7	7.2	3.4	1.8	2.8
>= 20000	13.8	.6	2.1	16.7	30.4	30.0	39.9	24.7	12.3	5.8	2.0	1.3	2.0
>= 24000	10.5	.4	1.3	12.4	24.3	21.4	33.7	18.7	7.5	5.4	1.6	.7	1.1
>= 29000	7.6	.3	.6	9.0	18.2	15.9	25.1	13.5	4.6	3.5	1.1	.1	.8
>= 34000	5.4		.2	5.4	13.4	11.9	19.4	9.5	2.0	2.3	.8		.7
>= 41000	2.7			2.4	7.4	7.2	10.4	4.5	.4	.8			.3
>= 50000	1.2			.7	3.2	3.7	5.7	1.1		.2			
>= 60000	.4			.2	1.5	1.5	2.4						
>= 72000	.1				1.2	.2	.6						
>= 86000					.3		.4						
>= 100000							.2						

STATION 03317000 ROUGH RIVER NEAR MADRID, KY. 1938-1959

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 7.0	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 8.7	99.7	97.5	100	100	100	100	100	100	100	100	100	100	98.9
>= 11.0	98.8	91.6	99.0	100	100	100	100	100	100	100	99.5	99.2	96.2
>= 14.0	96.7	81.7	95.6	100	100	100	100	100	100	100	98.3	96.8	88.3
>= 17.0	93.4	69.4	88.6	97.5	99.7	100	100	100	100	99.2	95.7	92.2	79.2
>= 21.0	87.3	49.5	77.3	90.9	96.6	100	100	100	99.7	98.9	91.1	83.9	60.3
>= 26.0	80.8	35.2	63.5	81.4	95.5	97.5	100	100	98.8	96.3	85.6	73.6	43.7
>= 33.0	74.4	19.0	52.9	76.7	90.3	96.6	100	100	97.8	93.3	77.1	62.2	28.6
>= 41.0	69.2	14.4	44.3	65.1	87.6	96.3	100	100	96.6	86.3	67.6	51.3	21.9
>= 51.0	64.2	12.3	34.6	57.3	85.6	94.6	98.2	99.8	94.6	78.1	59.9	38.6	19.0
>= 64.0	59.8	9.5	31.1	52.1	82.8	92.7	94.3	99.5	92.5	66.8	51.3	30.3	17.3
>= 80.0	55.0	6.3	27.6	48.2	79.1	90.1	90.3	99.2	83.9	56.8	41.2	23.7	15.9
>= 100.0	49.8	4.0	24.4	44.1	74.7	86.3	88.2	96.8	69.9	46.8	33.5	16.9	14.3
>= 120.0	45.0	3.1	21.3	39.3	69.0	82.3	86.0	92.5	59.6	41.1	26.3	14.1	8.1
>= 160.0	38.4	1.5	17.5	33.5	60.1	73.9	82.0	83.8	44.4	32.4	19.5	9.7	5.9
>= 190.0	34.4	1.2	16.8	31.2	54.2	69.0	75.4	73.0	37.6	26.8	16.4	8.4	5.6
>= 240.0	29.5	1.1	14.8	26.9	48.4	61.9	69.3	58.6	29.8	21.4	12.9	7.1	4.4
>= 300.0	25.0	.6	12.5	23.8	43.2	54.1	58.8	46.8	24.7	16.8	10.8	5.8	3.7
>= 380.0	20.3	.5	10.8	20.3	35.9	45.9	49.9	34.0	20.0	12.7	8.8	4.5	2.5
>= 470.0	16.1	.3	8.7	16.7	29.8	38.6	40.1	25.4	14.4	9.7	6.6	3.1	1.6
>= 590.0	12.1	.3	7.0	12.9	22.1	29.3	30.1	18.3	11.7	6.8	4.3	2.2	1.1
>= 730.0	9.2	.2	5.7	10.4	17.8	23.4	22.9	13.0	8.3	4.8	2.9	1.4	.8
>= 920.0	7.0		4.4	7.4	13.7	18.0	18.1	9.2	5.8	3.8	2.3	.9	.5
>= 1100.0	5.6		3.4	6.6	11.8	14.6	14.1	7.9	4.4	3.0	1.6	.6	.4
>= 1400.0	4.2		2.2	5.5	9.5	11.4	10.9	6.3	2.6	2.0	.7	.3	.1
>= 1800.0	3.1		2.0	4.1	7.3	9.1	7.2	4.7	1.8	1.4	.3	.3	.1
>= 2200.0	2.4		1.9	3.0	5.9	7.2	5.5	3.1	1.3	1.1	.1	.1	.1
>= 2800.0	1.8		1.5	2.7	4.6	4.8	3.9	2.5	1.0	.7	.1	.1	.1
>= 3500.0	1.3		1.1	1.6	3.2	4.2	2.4	2.2	.9	.4	.1		
>= 4300.0	.8		.4	1.2	1.9	2.8	1.6	1.4	.4	.1			
>= 5400.0	.4		.1	.3	.9	1.3	1.0	.9	.3	.1			
>= 6700.0	.2		.1	.3	.3	.5	.7	.1	.3				
>= 8400.0			.1	.1	.1		.3						
>= 11000.0			.1										

STATION 03317500 NORTH FORK ROUGH RIVER NEAR WESTVIEW, KY. 1954-1973

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .10	99.2	96.8	100	100	100	100	100	100	100	100	100	99.8	94.3
>= .20	97.0	92.0	99.8	100	100	100	100	100	100	98.7	97.4	93.2	83.7
>= .30	94.1	85.1	99.1	96.8	99.8	100	100	100	100	97.2	94.5	83.7	74.2
>= .40	91.1	74.9	95.6	96.3	99.7	100	100	100	100	96.0	91.1	75.6	65.3
>= .60	86.6	61.5	88.9	94.9	99.7	100	100	100	100	94.0	85.3	66.8	50.3
>= .80	83.8	53.8	84.0	94.6	99.7	100	100	100	100	91.7	82.1	58.1	43.7
>= 1.10	79.5	48.4	76.0	92.0	99.7	100	100	100	99.4	87.2	68.9	49.7	36.0
>= 1.40	76.6	42.3	70.2	90.5	98.8	100	100	100	99.0	84.0	62.6	45.2	30.5
>= 1.90	72.6	35.1	63.3	89.6	95.9	100	100	100	97.7	77.2	53.2	38.2	24.2
>= 2.60	67.9	28.4	56.0	84.9	94.2	99.4	100	100	95.2	67.7	44.8	26.8	21.8
>= 3.40	64.4	23.6	51.6	80.6	93.5	99.3	100	100	91.3	59.7	39.0	19.4	19.7
>= 4.60	59.4	20.7	45.4	72.5	89.3	97.4	98.8	99.5	82.9	50.2	32.4	16.1	12.5
>= 6.20	53.5	17.0	36.0	64.5	82.0	93.7	98.5	95.5	72.4	38.2	27.1	11.9	10.8
>= 8.30	48.1	11.7	28.6	58.4	74.5	91.1	96.9	92.0	61.6	29.0	21.9	9.2	8.8
>= 11.00	44.1	8.5	24.0	53.0	69.8	86.0	94.7	87.3	54.0	23.8	18.4	7.9	8.2
>= 15.00	38.4	5.6	18.9	47.2	59.9	78.8	89.3	75.7	44.4	19.3	14.8	6.1	7.0
>= 20.00	32.5	3.4	14.7	41.4	47.5	68.5	79.6	66.5	34.5	15.3	12.6	5.0	5.7
>= 27.00	26.6	2.7	11.8	33.8	38.9	56.4	69.6	55.2	27.6	11.8	8.2	3.2	4.7
>= 36.00	21.3	2.4	8.4	27.3	31.6	45.4	55.9	43.5	21.6	10.3	6.8	2.1	3.7
>= 49.00	16.6	2.4	6.5	20.9	25.1	36.3	42.8	32.5	18.2	7.3	5.3	1.8	2.8
>= 66.00	12.5	1.5	5.3	15.1	18.7	28.1	32.9	25.7	13.1	5.3	4.0	1.0	2.0
>= 88.00	9.4	.8	4.2	11.9	13.9	22.5	23.9	18.5	10.0	3.3	3.1	.5	1.5
>= 120.00	6.3	.7	3.0	8.0	9.8	15.5	16.5	11.7	7.6	2.2	1.3	.2	1.0
>= 160.00	4.4	.5	1.5	5.4	6.1	11.9	11.5	8.0	6.6	1.3	.8	.1	.6
>= 210.00	2.9	.3	1.0	3.7	4.2	7.6	7.6	5.3	4.3	.5	.8	.1	.5
>= 290.00	1.9	.1	.5	1.5	3.3	5.4	4.5	3.8	2.9	.3	.6		
>= 390.00	1.3	.1	.5	1.0	2.0	3.5	3.2	2.1	2.9	.3	.6		
>= 520.00	.8	.1	.5	.6	.8	2.6	1.8	1.3	2.2		.4		
>= 700.00	.6		.3	.6	.5	1.4	1.5	1.0	1.7		.1		
>= 940.00	.3		.1	.1	.1	.7	.6	.6	.9		.1		
>= 1300.00					.1		.3	.1	.1				
>= 1700.00							.1						

STATION 03318000 ROUGH RIVER NEAR FALLS OF ROUGH, KY. 1940-1956

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 6.0	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 7.6	99.7	100	100	100	100	100	100	100	100	100	100	99.7	100
>= 9.5	99.4	96.0	100	100	100	100	100	100	100	100	99.2	99.7	100
>= 12.0	98.6	91.4	99.4	99.7	100	100	100	100	100	100	98.4	99.5	94.7
>= 15.0	96.3	78.2	92.8	97.8	100	99.7	100	100	100	100	97.8	98.7	90.3
>= 19.0	93.0	61.8	87.8	94.6	99.5	98.5	100	100	100	99.2	96.0	97.6	81.1
>= 24.0	89.9	49.7	84.4	86.8	99.2	98.5	100	100	99.7	97.8	94.4	95.2	70.3
>= 30.0	86.8	43.3	76.9	86.3	97.0	97.9	100	100	99.5	97.2	98.7	90.3	60.6
>= 38.0	81.8	33.3	69.4	80.6	95.2	96.2	100	100	98.4	94.4	86.0	80.6	48.6
>= 48.0	75.9	24.5	53.6	73.9	93.0	95.3	100	100	98.1	89.2	78.8	66.4	38.9
>= 60.0	71.4	19.1	46.1	69.9	89.5	93.8	100	100	97.0	83.1	71.5	55.6	32.5
>= 76.0	66.7	15.3	40.8	65.6	88.7	93.8	100	100	93.3	75.3	60.5	44.6	23.9
>= 96.0	62.3	10.8	37.2	59.4	87.1	93.2	94.6	99.2	89.0	68.6	50.5	38.2	21.4
>= 120.0	57.6	7.8	33.6	53.8	83.9	91.2	89.5	98.9	82.5	59.7	43.5	31.7	17.8
>= 150.0	53.1	4.0	30.3	50.3	81.7	86.7	85.8	97.8	75.5	51.7	34.4	26.1	15.8
>= 190.0	48.1	1.9	26.4	47.0	76.3	79.9	83.3	93.9	64.0	43.9	27.7	21.5	13.6
>= 240.0	43.1	1.3	23.6	40.9	68.5	74.3	82.5	87.2	54.3	36.7	23.1	16.7	10.6
>= 300.0	38.2	1.3	21.7	36.6	60.2	70.2	79.3	77.2	44.1	29.7	19.1	12.6	8.6
>= 380.0	33.1	1.1	19.2	32.0	54.6	65.5	71.0	64.4	34.7	25.0	15.1	9.7	7.5
>= 480.0	28.0	.5	14.2	25.0	48.4	60.2	63.7	53.3	27.4	20.0	12.9	6.7	6.4
>= 610.0	23.7		12.8	22.0	41.9	51.9	57.5	42.2	22.0	16.1	9.7	4.6	5.3
>= 760.0	19.7		9.4	17.2	35.8	44.8	50.3	34.2	18.5	12.5	6.7	4.6	3.6
>= 960.0	16.0		8.6	14.2	30.6	35.4	42.2	27.2	15.1	8.9	5.1	3.2	2.8
>= 1200.0	13.4		7.2	11.5	28.4	30.0	35.4	21.1	12.3	7.5	3.4	2.6	2.2
>= 1500.0	11.2		5.2	10.2	24.4	27.1	29.5	17.5	9.6	6.1	2.4	1.8	1.3
>= 1900.0	8.4		3.6	8.0	20.1	21.2	23.1	12.5	6.4	3.6	1.0	1.3	1.3
>= 2400.0	6.4		2.7	6.1	16.3	16.2	18.2	9.4	4.0	2.5		.8	.8
>= 3100.0	4.6		1.9	4.8	12.6	13.2	11.5	7.5	2.4	1.6		.5	.5
>= 3800.0	3.3		1.6	4.0	10.7	8.5	7.2	5.8	1.3	.8		.2	.5
>= 4800.0	2.3		.8	2.4	8.6	7.0	4.0	4.7	.2	.5			
>= 6100.0	1.4		.5	1.6	5.3	5.0	1.8	3.0		.2			
>= 7700.0	.6			.5	3.4	2.9	.5	.8					
>= 9700.0	.1			.5	1.0	.5							
>= 12000.0				.2	.2								

STATION 03318200 ROCK LICK CREEK NEAR GLEN DEAN, KY. 1956-1971

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	94.7	79.6	92.7	91.4	99.6	100.	100.	100.	99.8	98.0	100.	92.5	83.3
>= .02	94.7	79.6	92.4	91.4	99.6	100.	100.	100.	99.8	98.0	100.	92.5	83.3
>= .04	94.7	79.4	92.4	91.4	99.6	100.	100.	100.	99.8	98.0	100.	92.5	83.3
>= .06	94.7	79.4	92.4	91.4	99.6	100.	100.	100.	99.8	98.0	100.	92.5	83.3
>= .08	94.5	78.3	92.0	91.4	99.6	100.	100.	100.	99.8	98.0	100.	92.5	83.3
>= .10	94.5	78.1	92.0	91.4	99.6	100.	100.	100.	99.8	98.0	100.	92.5	83.3
>= .20	91.1	71.2	85.3	89.2	98.1	100.	100.	100.	98.9	94.7	98.7	81.7	76.0
>= .30	87.5	61.1	82.4	89.2	97.6	100.	100.	100.	98.3	92.0	91.2	74.0	65.3
>= .40	84.6	55.3	78.9	88.0	97.4	100.	100.	100.	97.4	89.1	85.2	65.4	59.1
>= .50	81.4	45.6	75.3	87.7	97.4	100.	100.	99.1	95.7	86.4	77.6	57.4	55.8
>= .80	74.4	23.7	60.9	86.9	96.8	100.	100.	98.0	92.5	82.7	66.0	47.7	39.1
>= 1.10	68.7	13.3	51.8	80.4	94.8	100.	100.	96.9	87.5	74.2	56.1	41.7	30.0
>= 1.60	63.1	8.8	44.9	77.2	90.1	98.8	100.	94.9	82.8	65.6	40.9	34.2	20.9
>= 2.20	58.0	7.3	38.4	73.3	84.5	97.6	99.8	93.1	76.3	55.3	31.8	28.4	12.7
>= 3.20	51.4	5.6	33.3	67.5	77.2	88.7	97.0	92.0	68.0	38.4	21.7	20.0	9.1
>= 4.60	45.5	3.7	25.3	61.1	72.9	82.0	95.5	89.8	57.2	26.4	15.1	11.8	6.9
>= 6.60	39.9	2.6	17.1	55.3	63.7	74.2	93.5	84.9	43.0	21.1	11.8	9.0	4.7
>= 9.50	33.7	1.3	12.9	46.9	56.3	66.2	86.7	70.9	32.5	16.4	7.5	5.8	3.1
>= 14.00	27.8	.9	9.8	38.1	42.4	57.0	78.1	56.9	26.9	12.9	5.8	4.9	2.0
>= 20.00	21.6	.4	6.4	29.9	31.0	45.4	61.1	44.4	21.5	10.0	4.3	3.9	1.8
>= 28.00	16.1	.4	5.1	21.9	22.4	34.3	43.4	34.4	17.4	7.1	3.7	2.4	1.8
>= 40.00	11.7	.4	4.0	16.3	16.3	24.3	31.2	22.9	13.5	6.0	3.0	1.9	1.3
>= 58.00	8.6	.2	3.1	11.8	13.5	17.3	23.0	16.9	10.3	4.0	1.7	1.1	.9
>= 83.00	6.1	.2	2.6	9.4	9.2	13.7	15.2	11.1	6.8	2.6	1.7	.4	.4
>= 120.00	4.0	.2	2.0	6.0	5.8	10.4	9.6	6.6	4.5	1.3	1.5	.2	.4
>= 170.00	2.6	.2	1.1	4.3	3.6	6.6	5.8	4.4	4.0	.6	.6	.2	.2
>= 250.00	1.7		.8	2.5	3.0	3.5	3.8	2.8	3.6	.6		.2	
>= 360.00	1.1		.6	1.2	1.9	2.1	2.1	2.2	2.7	.6			
>= 510.00	.6		.4	.8	.8	.9	1.7	1.3	1.9	.2			
>= 730.00	.3		.2	.4	.2	.7	1.0	.2	1.2				
>= 1100.00	.1				.2		.8		.8				
>= 1500.00							.2		.6				

STATION 03318500 ROUGH RIVER AT FALLS OF ROUGH, KY. 1938-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 7.3	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
>= 9.2	99.8	97.8	99.8	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
>= 12.0	99.3	95.2	98.1	100.	100.	100.	100.	100.	100.	100.	100.	100.	98.4
>= 14.0	98.8	92.4	97.8	99.9	100.	100.	100.	100.	100.	100.	100.	99.6	96.3
>= 18.0	97.9	89.8	96.2	98.6	100.	100.	100.	100.	100.	100.	100.	98.4	91.8
>= 23.0	95.8	83.0	92.0	95.6	99.5	100.	100.	100.	100.	100.	98.8	95.4	85.7
>= 28.0	94.4	79.6	88.3	94.1	98.0	100.	100.	100.	100.	99.8	97.6	92.8	82.3
>= 35.0	92.6	73.8	85.8	93.0	97.1	99.6	100.	99.9	100.	99.3	94.7	89.0	78.9
>= 44.0	90.2	69.2	83.2	90.1	94.7	99.4	100.	99.9	99.9	98.6	90.2	82.9	75.3
>= 55.0	85.8	65.9	81.2	85.3	94.1	99.3	99.6	99.8	99.0	95.7	79.9	67.1	63.8
>= 69.0	80.3	63.5	79.9	82.7	93.7	98.2	98.0	96.3	94.4	83.2	65.6	55.3	54.4
>= 86.0	72.3	60.3	77.4	78.1	91.9	97.0	97.0	89.2	82.9	66.6	46.7	39.4	43.1
>= 110.0	67.0	57.8	75.7	72.4	88.6	95.7	94.8	85.1	73.4	57.7	36.7	27.2	40.8
>= 130.0	64.3	56.5	73.9	69.8	87.0	94.6	93.3	81.7	67.8	52.8	33.1	23.9	39.1
>= 170.0	59.6	49.7	71.8	67.0	81.2	92.2	91.3	75.7	60.9	46.3	27.7	20.5	34.0
>= 210.0	55.8	46.3	70.6	63.2	75.5	87.4	87.6	71.2	56.5	42.1	24.6	17.2	29.6
>= 260.0	51.8	43.5	69.6	58.4	70.9	82.2	82.9	65.0	50.6	39.2	21.0	13.8	27.0
>= 330.0	47.8	42.4	68.1	54.3	65.6	77.0	77.2	55.9	45.9	35.8	18.0	11.0	24.6
>= 410.0	44.4	41.0	66.9	50.8	60.3	72.1	71.8	49.6	42.0	33.3	16.2	9.1	22.1
>= 510.0	40.8	38.2	64.4	47.0	55.2	66.6	66.0	43.3	39.1	29.1	14.7	7.8	19.9
>= 640.0	34.6	25.9	51.3	41.6	50.6	60.1	60.3	36.7	35.6	25.3	12.7	6.3	10.6
>= 800.0	30.6	22.8	45.8	37.1	45.9	52.4	53.8	31.8	31.9	22.9	11.0	5.5	7.6
>= 1000.0	25.8	14.9	31.3	33.3	41.8	46.0	46.8	27.9	29.1	20.9	9.4	4.6	5.0
>= 1300.0	20.5	9.0	15.7	27.2	36.2	41.4	40.4	23.1	25.5	17.3	6.0	2.9	3.1
>= 1600.0	17.1	4.5	10.3	21.8	32.2	36.3	35.0	20.2	23.4	15.0	3.0	2.4	1.7
>= 2000.0	8.2	.3	5.2	13.2	16.7	23.7	16.9	9.2	9.4	2.7	.7	.5	.7
>= 2500.0	4.5		4.0	7.3	10.9	12.5	8.7	4.6	3.5	1.5	.4	.3	.5
>= 3100.0	3.0		3.4	4.9	8.0	7.9	6.2	2.1	2.0	1.0		.3	.3
>= 3800.0	2.2		2.6	3.7	6.6	5.7	3.9	1.3	1.5	.5		.2	.3
>= 4800.0	1.5		1.2	2.5	5.0	4.2	2.5	1.1	1.1	.3			.1
>= 6000.0	.9		.5	1.3	3.2	2.8	1.5	.6	.8	.2			
>= 7500.0	.3		.1	.3	1.8	1.0	.4	.4	.4				
>= 9400.0	.1			.2	.7	.2	.2		.2				
>= 12000.0					.1								

STATION 03318800 CANEY CREEK NEAR HORSE BRANCH, KY. 1957-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	92.6	77.0	82.4	94.3	99.1	100.	100.	100.	100.	97.9	98.5	86.4	76.1
>= .02	92.5	76.8	82.3	94.3	99.1	100.	100.	100.	100.	97.6	98.2	86.2	75.3
>= .03	92.4	76.4	82.1	94.3	99.1	100.	100.	100.	100.	97.3	97.9	86.2	75.2
>= .04	92.2	76.0	81.8	94.3	99.1	100.	100.	100.	100.	97.1	97.8	86.1	74.8
>= .07	91.7	74.5	80.3	94.3	99.1	100.	100.	100.	100.	96.7	97.4	85.2	73.8
>= .10	91.3	72.9	79.2	94.3	99.1	100.	100.	100.	100.	96.4	97.2	83.4	72.9
>= .20	88.7	63.9	76.1	94.3	99.1	100.	100.	100.	100.	93.0	96.2	77.6	64.8
>= .40	86.0	55.9	74.7	94.1	99.1	100.	100.	100.	100.	91.1	91.9	70.1	55.6
>= .60	83.6	52.1	73.8	94.1	99.1	100.	100.	100.	99.7	88.6	86.4	62.6	47.7
>= .80	82.1	49.3	72.9	93.8	99.1	100.	100.	100.	99.6	87.1	83.6	58.2	42.3
>= 1.30	79.4	44.4	72.1	93.0	99.1	100.	100.	100.	99.3	83.9	77.4	50.4	33.8
>= 1.90	77.0	42.2	68.9	91.3	99.1	100.	100.	100.	99.1	81.2	68.6	44.6	29.7
>= 2.50	74.0	38.3	66.1	89.6	99.1	100.	100.	100.	98.2	74.1	60.4	38.6	25.5
>= 4.30	71.4	34.8	63.3	88.0	99.1	100.	100.	100.	95.9	67.6	54.5	33.1	21.4
>= 6.50	68.5	30.2	61.1	86.5	99.1	100.	100.	100.	92.4	61.4	49.0	27.3	17.3
>= 9.70	65.2	26.5	56.4	83.3	98.2	100.	100.	99.1	85.9	53.9	42.8	22.9	14.8
>= 15.00	61.3	23.6	49.5	79.6	95.5	99.4	100.	98.3	79.2	46.7	34.0	18.2	12.9
>= 22.00	55.4	18.5	42.1	72.9	90.2	95.5	98.4	95.8	67.3	35.3	28.0	13.6	10.2
>= 33.00	49.4	13.5	33.8	66.4	84.0	91.1	96.6	88.9	55.0	27.0	21.3	10.6	6.8
>= 50.00	43.3	9.7	26.5	60.9	73.2	83.9	91.9	81.5	45.0	20.5	15.8	8.5	4.2
>= 75.00	36.7	7.6	20.5	51.6	60.7	72.1	85.3	69.1	37.2	15.3	12.8	6.7	3.8
>= 110.00	30.4	5.9	15.2	43.0	51.6	60.2	73.0	56.2	31.2	12.4	9.8	4.5	2.9
>= 170.00	23.0	4.1	11.1	32.8	39.4	45.4	55.9	41.7	24.6	9.1	7.8	3.2	2.1
>= 260.00	16.4	3.3	7.8	25.6	28.1	30.4	39.5	29.5	18.0	6.6	4.8	2.0	1.8
>= 380.00	12.1	2.4	5.1	19.3	21.8	23.6	28.7	20.6	13.1	4.2	3.9	1.1	1.3
>= 580.00	7.8	.8	2.8	11.7	14.3	15.4	19.9	13.7	8.2	2.7	2.9	.8	.9
>= 870.00	4.7		2.7	6.8	8.9	9.3	12.3	7.2	5.2	1.3	2.1		.4
>= 1300.00	2.3		1.6	3.8	4.1	5.1	5.8	3.1	3.0	.4	1.0		.3
>= 2000.00	1.1		1.2	1.4	2.1	2.4	2.9	1.3	1.6	.1	.4		
>= 3000.00	.5		.6	.5	1.3	1.2	1.0	.6	.5		.1		
>= 4500.00	.1		.3	.1	.1	.3	.4	.1	.1				
>= 6700.00			.1				.1						

STATION 03319000 ROUGH RIVER NEAR DUNDEE, KY. 1940-1959 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 8	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
>= 10	100.	99.8	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	99.7
>= 13	99.1	93.2	98.2	100.	100.	100.	100.	100.	100.	100.	100.	100.	97.3
>= 16	98.3	88.6	97.0	100.	100.	100.	100.	100.	100.	100.	100.	100.	94.3
>= 21	95.7	77.9	93.7	99.5	100.	99.6	100.	100.	100.	99.8	99.4	97.7	80.8
>= 26	92.0	64.9	88.1	95.9	99.2	99.1	100.	100.	100.	99.8	97.1	93.5	66.7
>= 33	87.5	52.5	74.9	92.9	97.3	98.5	100.	100.	99.7	98.2	91.1	87.4	57.0
>= 41	83.0	42.3	66.3	88.8	95.4	98.3	100.	100.	99.0	96.7	83.2	78.5	47.3
>= 52	78.0	30.4	61.6	84.0	93.0	97.8	100.	100.	98.4	92.3	75.2	68.1	36.0
>= 66	73.4	23.4	56.7	78.1	91.5	97.0	100.	100.	97.6	85.2	68.5	56.5	27.7
>= 83	68.8	18.3	49.3	73.3	91.2	97.0	100.	100.	95.8	73.5	60.5	47.4	21.5
>= 100	65.4	14.4	43.7	68.8	90.8	96.6	100.	100.	93.2	67.2	54.8	39.4	19.0
>= 130	60.6	9.8	39.3	61.5	89.5	96.1	99.5	100.	86.1	57.3	44.7	30.6	16.2
>= 170	55.8	6.1	33.7	56.4	87.4	93.7	95.1	98.5	77.7	49.2	36.6	24.7	14.5
>= 210	52.0	4.4	30.5	53.5	82.7	90.5	90.8	96.8	71.0	43.2	32.3	21.1	12.0
>= 270	47.5	2.7	27.5	48.0	78.8	85.3	87.8	92.7	60.3	36.5	28.2	17.1	9.3
>= 340	42.9	2.4	24.6	43.3	72.2	79.1	85.7	86.5	51.0	31.2	22.4	12.6	8.3
>= 420	38.6	2.2	22.5	37.9	65.4	74.1	80.1	77.7	43.9	27.0	19.4	10.6	7.0
>= 540	33.7	1.4	20.2	33.8	57.4	68.1	74.4	65.3	36.1	22.8	15.8	8.1	6.0
>= 680	29.3	.8	17.2	31.4	51.4	60.3	65.7	55.8	31.6	18.2	12.6	6.0	5.3
>= 850	25.4	.3	15.3	27.5	46.2	53.5	58.2	44.8	27.7	15.7	10.2	5.0	4.8
>= 1100	21.2	.2	13.0	23.8	39.5	45.7	50.4	34.2	23.2	12.8	8.1	3.5	3.8
>= 1400	18.2	.2	11.4	20.7	36.2	39.7	43.6	28.3	20.2	10.8	5.3	2.6	3.2
>= 1700	15.8		10.0	18.6	31.9	35.4	38.8	24.0	16.2	9.0	3.7	2.2	2.6
>= 2200	12.9		8.2	15.4	26.8	30.7	32.5	19.0	13.5	6.6	2.0	1.2	1.5
>= 2700	10.8		7.5	12.9	23.0	27.0	28.6	14.5	11.4	4.0	1.2	.8	1.1
>= 3400	8.6		7.0	10.5	18.3	21.6	23.7	12.0	8.5	2.3	.3	.4	.8
>= 4400	5.9		4.5	8.4	12.9	15.6	15.4	8.3	4.6	1.3	.1	.4	.6
>= 5500	3.8		2.6	5.4	9.5	11.9	8.8	5.1	3.0	.3		.1	.6
>= 6900	2.4		1.4	2.3	6.6	8.3	5.2	4.0	1.6				.5
>= 8800	1.1		.3	.6	3.3	4.1	2.5	2.3	.8				.3
>= 11000	.4			.5	1.8	1.4	1.0	.1	.3				
>= 14000	.1			.3	.6	.1	.1		.1				
>= 18000					.1								

STATION 03319000 ROUGH RIVER NEAR DUNDEE, KY. 1961-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 14	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
>= 17	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	99.6
>= 21	99.8	98.1	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	99.3
>= 26	99.5	97.1	100.	100.	100.	100.	100.	100.	100.	100.	100.	99.3	97.5
>= 32	99.2	95.6	99.8	99.5	100.	100.	100.	100.	100.	100.	100.	98.0	97.2
>= 39	98.5	93.4	98.6	96.1	99.5	100.	100.	100.	100.	100.	100.	97.8	96.8
>= 48	97.9	92.7	98.4	94.1	99.3	100.	100.	100.	100.	100.	99.3	95.9	95.8
>= 59	95.0	92.0	98.2	93.5	99.3	100.	100.	100.	100.	100.	90.5	80.6	86.5
>= 73	90.0	91.7	97.5	89.3	97.1	100.	100.	100.	99.7	90.9	75.7	67.2	71.4
>= 89	84.1	88.5	97.5	86.4	96.1	100.	100.	100.	94.4	75.1	57.7	52.3	63.0
>= 110	78.0	87.6	97.0	82.2	95.8	98.5	99.3	97.0	85.6	66.1	41.8	33.6	52.8
>= 130	75.0	85.7	96.7	79.5	94.1	98.3	98.6	94.4	80.8	59.6	35.1	27.7	51.2
>= 170	70.3	77.2	94.2	76.2	91.5	96.5	96.3	89.6	72.5	52.8	29.5	23.8	45.4
>= 200	67.5	72.3	93.5	74.5	88.1	95.5	95.4	86.0	67.9	50.9	27.0	21.4	40.4
>= 250	64.3	67.6	93.3	73.5	83.4	90.7	95.1	81.4	63.3	46.7	24.8	18.5	35.8
>= 310	61.7	66.0	92.5	72.0	78.9	86.0	94.7	78.1	60.1	43.2	21.2	16.1	33.3
>= 380	59.5	64.7	92.5	68.3	75.9	84.5	93.5	73.9	56.9	41.2	19.4	14.4	30.9
>= 460	56.7	62.5	91.4	65.2	69.6	80.8	91.3	69.1	54.0	40.0	18.0	12.2	28.4
>= 570	52.2	51.4	86.5	60.3	65.2	77.3	88.5	63.3	51.3	36.0	16.1	10.4	22.1
>= 700	46.6	39.7	70.9	55.7	62.6	73.6	84.2	58.9	48.2	33.3	14.6	8.7	11.1
>= 860	43.3	36.0	62.3	52.3	59.6	70.0	80.5	53.7	46.2	31.6	13.6	8.0	8.1
>= 1100	37.4	22.4	37.4	49.2	56.5	65.0	75.2	48.4	43.5	28.6	12.9	6.6	4.0
>= 1300	34.1	18.2	25.4	47.7	54.2	62.0	69.9	45.1	41.8	27.2	10.7	5.6	3.2
>= 1600	29.7	10.6	15.7	42.4	50.5	57.7	62.4	40.1	39.3	24.7	7.8	3.9	2.1
>= 1900	23.8	5.9	9.2	34.8	44.9	51.9	54.8	32.2	33.2	11.0	5.4	2.5	1.2
>= 2400	12.2	.8	3.5	18.3	25.8	34.6	29.5	18.7	10.8	3.1	2.2	.3	.5
>= 2900	6.6	.1	1.9	10.8	13.5	17.3	15.9	11.5	5.9	1.5	1.5		.3
>= 3600	3.3		1.2	4.9	7.1	9.3	8.4	4.5	3.3	.3	1.0		
>= 4400	1.8		1.2	2.7	4.2	3.9	5.4	2.8	1.8		.1		
>= 5400	1.2		.8	1.8	2.3	3.3	3.2	2.1	1.8				
>= 6700	.6		.7	1.0	1.1	2.0	1.6	.7	.6				
>= 8200	.3		.1	.3	.5	1.3	.8	.1	.5				
>= 10000						.3	.3						
>= 12000						.1	.1						

STATION 03319000 ROUGH RIVER NEAR DUNDEE, KY. 1940-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 8	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
>= 10	100.	99.9	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	99.8
>= 13	99.5	96.6	99.1	100.	100.	100.	100.	100.	100.	100.	100.	100.	98.6
>= 16	99.2	94.3	98.5	100.	100.	100.	100.	100.	100.	100.	100.	100.	97.0
>= 21	97.7	88.0	96.8	99.7	100.	99.8	100.	100.	100.	99.9	99.7	98.8	89.8
>= 26	95.7	81.0	94.0	98.0	99.6	99.5	100.	100.	100.	99.9	98.5	96.4	81.7
>= 33	93.2	73.8	87.3	96.0	98.6	99.3	100.	100.	99.8	99.1	95.5	92.6	76.5
>= 41	90.6	67.8	82.5	91.9	97.4	99.2	100.	100.	99.5	98.3	91.4	87.7	71.5
>= 52	87.5	61.5	80.0	89.0	96.2	98.9	100.	100.	99.2	96.1	86.6	79.2	64.8
>= 66	83.0	57.6	77.2	84.8	95.2	98.5	100.	100.	98.8	90.3	75.4	66.7	53.5
>= 83	77.4	54.7	73.4	80.3	93.9	98.5	100.	100.	96.4	76.2	62.9	52.4	42.9
>= 100	72.7	51.2	70.4	76.6	93.3	97.7	100.	99.0	90.9	67.8	51.4	39.9	36.8
>= 130	67.7	47.8	68.0	70.5	91.8	97.2	99.1	97.3	83.5	58.5	40.0	29.2	33.2
>= 170	62.9	41.7	63.9	66.3	89.5	95.1	95.7	94.2	75.2	50.9	33.2	24.2	29.6
>= 210	59.3	38.0	61.9	64.0	84.6	92.2	93.1	91.0	68.9	46.2	29.5	20.9	25.2
>= 270	55.3	34.7	60.4	60.6	79.8	87.2	91.4	86.6	61.2	40.8	25.7	17.4	21.9
>= 340	51.7	34.0	58.5	56.9	75.0	82.3	90.0	81.9	54.5	36.7	21.1	13.8	19.8
>= 420	48.1	32.9	57.4	52.0	69.1	78.7	86.3	74.4	49.5	33.8	18.9	11.5	17.7
>= 540	43.8	29.5	55.4	47.5	61.8	73.0	81.7	65.3	44.2	29.7	16.4	9.5	15.6
>= 680	38.1	20.8	44.5	43.9	57.3	67.1	75.2	57.6	40.0	25.6	13.6	7.4	8.7
>= 850	34.4	18.2	39.2	40.0	53.0	61.8	69.5	49.2	36.8	23.5	12.0	6.5	6.5
>= 1100	29.2	11.3	25.2	36.5	48.2	55.4	62.8	41.1	33.1	20.5	10.4	5.0	3.9
>= 1400	25.4	8.2	16.5	33.3	44.3	50.0	56.0	35.9	30.5	18.6	7.7	3.6	2.9
>= 1700	21.8	4.4	11.8	29.0	40.2	45.8	49.2	30.9	27.4	15.6	5.2	2.6	2.2
>= 2200	14.4	1.0	6.3	20.7	30.5	36.6	35.4	20.5	14.5	5.8	2.4	.9	1.1
>= 2700	9.6		5.0	12.6	20.8	25.0	24.6	13.7	9.5	3.1	1.4	.4	.8
>= 3400	6.3		4.1	8.4	13.4	16.5	16.6	9.0	6.2	1.3	.7	.2	.4
>= 4400	3.9		2.8	5.6	8.5	9.7	10.4	5.6	3.3	.6	.1	.2	.3
>= 5500	2.5		1.6	3.6	5.8	7.6	6.0	3.6	2.4	.1			.3
>= 6900	1.5		1.0	1.6	3.8	5.2	3.3	2.3	1.1				.2
>= 8800	.6		.1	.4	1.7	2.6	1.5	1.2	.4				.1
>= 11000	.2			.2	.9	.9	.6		.1				
>= 14000				.1	.3		.1						

STATION 03320000 GREEN RIVER AT LOCK 2, AT CALHOUN, KY. 1930-1959 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 280	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
>= 340	99.1	93.3	98.7	100.	100.	99.5	100.	100.	100.	100.	100.	100.	97.9
>= 420	97.9	87.2	96.1	99.7	99.9	99.5	100.	100.	100.	100.	99.9	99.7	92.8
>= 510	95.8	77.8	94.4	98.8	99.8	99.4	100.	100.	100.	100.	98.6	97.2	84.4
>= 620	92.7	68.5	88.0	95.2	99.2	99.3	100.	100.	99.6	99.1	97.3	93.9	73.0
>= 760	88.4	57.0	79.0	90.0	99.2	98.5	100.	100.	99.3	97.6	92.3	87.1	62.0
>= 930	84.1	43.7	71.0	87.9	96.1	98.5	100.	100.	99.0	94.6	87.5	79.4	52.3
>= 1100	79.9	33.8	62.3	84.2	94.0	98.3	100.	100.	98.1	91.7	82.6	72.4	42.6
>= 1400	74.2	25.0	51.0	77.4	92.3	97.6	100.	100.	96.9	85.4	73.3	61.4	31.4
>= 1700	69.2	19.6	44.1	69.7	91.4	96.8	99.7	100.	95.7	75.7	61.2	51.9	25.4
>= 2100	64.0	15.6	38.3	62.3	88.2	94.3	99.0	99.7	92.1	65.6	52.2	41.9	20.7
>= 2500	59.0	10.2	31.4	57.8	84.5	91.8	97.2	98.9	84.1	57.2	44.3	35.2	17.5
>= 3100	53.8	6.0	25.7	51.6	80.9	88.5	95.9	97.8	73.2	49.0	36.4	28.0	14.6
>= 3700	50.0	4.1	22.6	47.4	77.1	86.6	94.2	95.7	65.2	41.5	30.7	24.4	13.4
>= 4600	44.9	2.6	19.1	41.7	69.7	82.9	90.8	92.8	55.2	33.9	24.4	18.4	10.2
>= 5600	40.8	1.9	16.3	36.9	65.2	79.5	86.9	87.2	47.9	27.9	19.8	13.7	8.5
>= 6800	36.8	1.1	14.4	32.6	60.8	75.8	81.5	80.8	41.7	22.6	16.2	10.1	7.0
>= 8300	33.1	.9	12.4	28.6	56.6	70.9	76.3	73.4	36.2	19.0	12.7	7.0	6.3
>= 10000	29.7	.2	10.2	25.8	53.4	65.8	69.9	66.0	32.0	14.8	9.7	5.6	5.3
>= 12000	26.3	.2	8.4	22.7	50.3	61.4	64.1	57.1	27.0	11.7	7.3	4.0	4.0
>= 15000	22.8		7.1	20.2	45.1	56.5	57.8	48.5	21.8	8.3	4.2	2.6	3.4
>= 18000	19.8		6.4	17.6	40.5	50.2	52.1	41.6	18.0	5.5	2.4	2.1	3.0
>= 22000	17.1		5.5	16.2	36.6	45.1	46.5	33.7	13.8	4.3	1.2	1.2	2.4
>= 27000	14.2		4.7	13.3	32.2	38.7	40.6	26.8	10.0	2.6	.4	1.1	1.8
>= 33000	11.2		2.8	11.4	27.1	32.9	31.7	19.1	6.7	2.2	.3	.7	1.2
>= 41000	6.5		1.3	7.3	16.3	24.6	16.2	8.9	2.3	1.4	.2	.5	.8
>= 50000	3.1		1.0	2.8	8.1	14.6	7.4	2.9		.9	.1		
>= 61000	1.2				3.7	7.0	3.1	1.6		.1			
>= 74000	.2				1.8	1.0							
>= 91000	.1				1.1	.4							
>= 110000					.8	.2							
>= 130000					.7	.1							
>= 160000					.6								
>= 200000					.2								

STATION 03320000 GREEN RIVER AT LOCK 2, AT CALHOUN, KY. 1961-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 0	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 474	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 560	99.8	100	100	99.3	100	100	100	100	100	100	100	98.4	100
>= 660	99.1	99.5	100	95.9	99.3	100	100	100	100	100	100	97.1	97.4
>= 770	97.8	95.9	98.5	94.8	99.1	100	100	100	100	100	99.6	92.8	93.5
>= 910	96.7	94.6	98.3	93.5	99.1	100	100	100	100	98.7	97.8	88.2	89.8
>= 1100	94.7	93.5	98.3	92.8	98.9	100	100	100	99.1	96.7	95.3	79.0	83.1
>= 1300	92.2	88.7	97.0	91.2	98.7	100	100	100	98.6	93.7	92.1	70.4	75.9
>= 1500	89.3	83.5	95.7	89.6	98.4	99.8	100	100	97.5	91.3	85.1	64.7	67.0
>= 1800	85.0	77.2	91.1	87.5	97.0	99.6	100	98.9	93.7	86.1	73.7	58.6	58.1
>= 2100	80.6	68.6	86.5	85.8	96.4	99.2	99.6	98.0	88.9	80.9	63.4	53.0	48.1
>= 2400	76.3	60.8	83.0	82.4	95.7	97.8	99.3	95.6	85.8	73.3	57.7	45.7	40.0
>= 2900	71.1	53.2	80.6	77.6	93.0	95.9	97.8	93.0	81.4	66.3	44.6	38.2	33.7
>= 3400	67.1	50.5	76.1	74.2	91.8	93.3	96.8	90.4	77.2	58.3	38.4	30.6	28.9
>= 4000	61.7	41.0	68.9	69.9	88.0	89.0	95.7	87.8	71.1	52.6	33.3	24.9	20.6
>= 4700	56.5	34.1	64.1	65.1	82.4	86.4	93.2	83.1	65.8	45.0	26.7	19.9	14.3
>= 5500	51.9	27.6	51.5	62.7	79.4	83.5	92.5	78.7	61.3	37.0	23.1	17.0	10.4
>= 6500	47.9	22.6	42.2	59.7	76.5	81.1	90.1	74.4	56.1	31.7	20.8	13.3	7.6
>= 7600	44.2	16.5	35.6	56.6	73.1	78.1	87.1	70.9	52.5	25.4	18.5	11.5	6.5
>= 9000	39.9	12.4	30.4	50.7	65.8	73.4	84.2	66.3	47.1	19.6	16.1	8.2	6.1
>= 11000	34.7	8.2	21.7	43.9	58.8	67.7	80.3	59.4	41.0	14.4	10.8	6.6	4.8
>= 12000	32.3	5.9	17.8	41.9	55.7	65.7	76.9	56.5	38.4	12.4	9.1	5.4	4.1
>= 15000	27.0	2.9	9.6	37.1	48.6	54.7	66.5	50.2	32.3	10.7	6.3	3.8	3.1
>= 17000	24.2	2.0	7.2	22.9	44.3	48.0	61.3	45.9	28.7	10.0	5.0	3.4	2.4
>= 20000	19.5	1.0	2.4	26.7	36.3	37.9	53.4	38.1	24.1	8.1	3.7	1.9	1.1
>= 24000	15.2	.8	1.1	20.6	28.8	28.7	44.0	30.7	17.9	6.8	2.1	1.0	
>= 28000	11.8	.7	.7	16.1	22.0	20.6	38.5	23.7	11.4	6.1	1.9	.3	
>= 33000	8.5	.3	.5	9.8	15.4	13.5	31.5	18.5	6.9	3.8	1.7		
>= 39000	4.7		.5	4.3	8.4	6.2	21.8	11.4	1.9	1.8	.5		
>= 46000	1.4				2.1	.1	10.0	3.8		.5			
>= 54000	.5				.3		5.5						
>= 64000	.2						3.4						
>= 75000	.1						2.3						
>= 88000							1.0						
>= 100000							.3						

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 280	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 340	99.3	96.0	99.2	100	100	99.7	100	100	100	100	100	99.2	98.0
>= 420	98.5	92.3	97.6	99.8	99.9	99.7	100	100	100	100	99.7	98.3	94.4
>= 510	97.1	86.6	96.6	99.2	99.9	99.6	100	100	100	100	98.4	96.4	89.0
>= 620	95.0	81.0	92.8	96.0	99.5	99.6	100	100	99.7	99.5	97.2	93.7	81.0
>= 760	91.8	72.0	87.0	92.0	98.6	99.1	100	100	99.6	98.5	93.9	88.0	72.9
>= 930	88.6	63.4	81.9	90.3	97.3	99.1	100	100	99.4	95.4	89.9	81.2	65.5
>= 1100	85.3	57.1	76.6	87.8	96.0	99.0	100	100	98.6	92.7	86.2	73.9	57.2
>= 1400	80.2	48.2	68.8	82.9	94.8	98.5	100	100	97.6	86.7	78.1	62.7	45.4
>= 1700	75.5	42.3	63.3	77.3	94.0	98.0	99.8	99.5	95.7	79.4	66.6	53.7	38.4
>= 2100	70.0	35.7	56.7	71.9	91.5	96.2	99.3	98.6	90.3	70.2	56.2	44.6	30.5
>= 2500	64.8	28.6	50.8	67.5	89.0	94.2	97.7	96.9	84.1	61.6	47.8	37.3	25.1
>= 3100	59.4	23.6	45.9	62.0	85.6	91.3	96.6	95.0	74.7	53.4	37.9	29.5	20.6
>= 3700	55.2	20.5	40.9	57.8	82.5	88.6	95.0	92.3	67.0	45.9	32.3	24.8	17.4
>= 4600	49.3	14.7	36.1	51.9	75.6	84.7	92.1	88.0	57.9	37.6	25.5	18.5	12.0
>= 5600	44.5	11.3	29.0	47.7	71.1	81.4	89.1	82.7	50.8	30.5	20.9	14.4	8.8
>= 6800	40.3	8.9	24.0	43.4	67.5	77.7	84.9	76.3	45.1	24.8	17.6	10.7	6.8
>= 8300	36.1	5.8	19.8	38.7	61.8	73.0	80.4	69.5	39.7	20.0	14.1	7.8	6.1
>= 10000	32.2	3.9	16.3	34.7	56.6	68.0	74.7	62.7	35.5	15.0	11.3	6.0	5.2
>= 12000	28.3	2.4	11.9	30.6	52.4	63.5	69.0	55.2	30.3	11.8	8.2	4.3	3.9
>= 15000	24.2	1.1	8.1	27.2	46.3	56.2	61.1	47.7	25.0	9.0	5.2	2.9	3.2
>= 18000	20.6	.5	6.0	23.2	40.4	48.0	54.8	41.2	20.5	6.9	3.4	2.2	2.4
>= 22000	17.0	.3	4.1	19.1	35.2	40.4	47.7	32.7	16.2	5.4	2.1	1.3	1.6
>= 27000	13.4	.2	3.2	15.1	28.6	32.4	40.1	25.1	10.6	4.0	1.3	.7	1.0
>= 33000	10.0	.1	1.9	10.6	22.5	25.0	31.5	18.1	6.5	2.9	1.1	.4	.7
>= 41000	5.2		.9	5.4	11.8	16.3	16.6	8.5	1.8	1.4	.2	.3	.4
>= 50000	2.1		.6	1.7	5.3	8.8	7.2	2.1		.5			
>= 61000	.8				2.2	4.2	3.2	.9					
>= 74000	.2				1.1	.6	.9						
>= 91000	.1				.6	.2	.3						
>= 110000					.5	.1							
>= 130000					.4								
>= 160000					.4								
>= 200000					.1								

STATION 03320500 POND RIVER NEAR APEX, KY. 1940-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	94.5	80.8	86.2	96.9	99.5	100	100	100	100	99.1	97.4	91.4	82.5
>= .02	94.5	80.8	86.2	96.9	99.5	100	100	100	100	99.1	97.4	91.4	82.5
>= .03	94.5	80.6	86.2	96.9	99.5	100	100	100	100	99.1	97.4	91.4	82.2
>= .05	94.4	80.4	86.1	96.9	99.5	100	100	100	100	99.1	97.4	91.3	81.6
>= .07	94.3	80.3	86.1	96.9	99.5	100	100	100	100	99.1	97.4	91.3	81.1
>= .10	94.2	80.0	85.7	96.9	99.5	100	100	100	100	99.1	97.4	91.3	80.8
>= .20	92.9	75.5	84.1	96.9	99.5	100	100	100	100	98.9	95.6	87.5	76.3
>= .30	91.9	70.4	84.0	96.9	99.5	100	100	100	100	98.2	94.3	85.1	73.6
>= .40	91.3	68.4	83.7	96.9	99.5	100	100	100	100	97.6	93.5	83.8	72.1
>= .70	89.4	62.1	81.8	96.3	99.5	100	100	100	99.9	95.1	90.6	78.6	69.2
>= 1.10	87.8	56.8	80.3	96.0	99.5	100	100	100	99.7	93.2	87.2	74.5	65.9
>= 1.60	85.5	51.5	76.7	95.2	99.5	100	100	100	99.7	90.7	81.5	70.8	60.0
>= 2.50	82.0	46.6	70.1	93.9	98.8	100	100	100	99.2	85.3	72.9	65.1	51.6
>= 3.90	78.6	42.0	66.7	91.1	97.5	99.6	100	100	98.0	79.6	67.7	59.3	41.8
>= 6.00	74.6	35.7	63.9	86.4	95.3	97.9	100	100	97.4	73.2	61.8	49.0	35.3
>= 9.30	69.9	29.8	59.7	79.4	92.3	96.7	100	100	95.4	63.7	52.3	41.3	28.0
>= 14.00	66.0	25.0	55.4	74.7	90.5	96.4	100	99.8	92.2	57.0	44.9	35.0	22.3
>= 22.00	59.9	17.0	45.9	67.4	86.7	94.6	99.3	99.6	85.1	46.0	35.7	26.1	16.5
>= 34.00	53.4	11.1	35.7	61.0	81.5	92.3	96.9	96.5	73.8	35.0	27.8	18.8	11.9
>= 53.00	46.5	6.8	27.6	53.1	74.2	85.7	94.3	90.9	58.5	25.7	20.3	13.2	9.1
>= 81.00	39.9	5.0	21.0	45.8	65.9	78.0	89.6	80.2	45.7	18.3	15.6	9.3	6.4
>= 130.00	32.0	3.0	15.0	38.1	52.4	66.6	79.1	65.5	32.4	13.1	10.8	5.5	4.1
>= 190.00	25.8	1.9	10.9	30.3	43.7	55.8	66.1	52.5	25.3	9.8	7.5	3.3	3.5
>= 300.00	19.4	.8	7.9	23.2	34.0	43.4	50.9	38.1	19.6	6.8	4.4	2.2	2.4
>= 460.00	14.3	.2	5.8	18.2	27.8	32.2	38.4	25.3	14.6	4.4	2.7	1.1	1.7
>= 710.00	10.0		4.1	13.0	20.1	22.6	26.9	18.1	10.2	2.4	1.4	.6	1.2
>= 1100.00	5.8		2.1	7.2	12.0	13.3	17.3	10.0	5.5	1.4	.5	.1	.7
>= 1700.00	3.0		1.4	4.4	7.3	6.7	7.8	4.3	2.8	.9			.2
>= 2600.00	1.5		1.0	2.1	4.3	3.8	3.9	1.3	1.0	.7			.2
>= 4100.00	.5		.5	.5	1.1	1.4	1.7	.3	.5	.3			
>= 6300.00	.2		.2	.2	.4	.3	.6		.1	.2			
>= 9700.00							.1						

STATION 03321000 PONC RIVER NEAR WHITE PLAINS, KY. 1929-1940

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .10	96.7	83.3	89.4	100	100	100	100	100	100	100	100	100	87.2
>= .20	95.5	82.3	83.3	94.6	100	100	100	100	100	100	100	100	85.6
>= .30	94.3	78.0	79.4	89.8	100	100	100	100	100	100	100	100	85.0
>= .40	93.3	74.2	75.0	88.2	100	100	100	100	100	100	99.5	100	83.3
>= .50	92.7	71.0	73.3	87.6	100	100	100	100	100	100	98.4	100	81.7
>= .80	91.5	66.1	73.3	87.1	99.5	100	100	100	100	100	95.7	98.9	77.2
>= 1.10	90.0	58.1	73.3	86.0	98.9	100	100	100	100	100	93.0	96.8	73.9
>= 1.50	88.3	50.0	72.2	83.3	98.9	100	100	100	100	100	90.3	93.5	72.2
>= 2.10	86.1	43.5	68.3	83.3	96.8	98.2	100	100	100	100	86.0	88.7	68.9
>= 2.90	82.8	40.3	62.2	74.2	92.5	97.0	100	100	100	98.9	82.3	86.0	61.1
>= 4.10	78.9	39.2	55.6	66.7	89.2	97.0	100	100	100	94.4	76.3	79.6	50.0
>= 5.80	74.3	37.6	51.7	59.7	82.8	96.4	100	100	100	89.4	66.1	67.2	42.8
>= 8.10	69.4	31.7	46.1	52.7	73.1	91.7	100	100	98.4	83.9	61.3	57.5	37.8
>= 11.00	65.2	25.3	40.6	51.1	69.4	91.7	100	100	95.7	82.8	53.2	48.9	26.1
>= 16.00	56.9	13.4	26.1	48.9	68.3	91.1	99.5	100	88.7	71.1	30.6	34.9	12.2
>= 22.00	52.8	10.2	21.7	44.6	66.1	90.5	97.8	98.3	81.7	62.8	23.7	28.5	10.0
>= 31.00	49.7	9.1	19.4	39.8	65.6	88.8	96.2	97.2	74.7	55.0	21.0	24.2	7.8
>= 44.00	46.5	7.5	13.9	37.1	64.5	88.2	95.2	95.6	63.4	47.2	18.8	22.6	7.2
>= 62.00	42.3	5.9	10.0	33.9	61.3	87.6	93.5	89.4	51.6	35.6	15.6	21.0	5.6
>= 87.00	39.5	4.8	7.2	31.2	58.1	87.0	91.9	83.3	45.2	30.0	13.4	20.4	5.0
>= 120.00	36.9	4.8	5.0	26.9	53.8	87.0	88.7	78.9	40.9	27.2	11.8	17.2	4.4
>= 170.00	33.1	3.8	4.4	24.2	51.1	81.7	81.2	70.6	36.0	21.1	10.2	12.9	3.3
>= 240.00	29.4	2.7	3.9	19.4	48.4	75.1	72.6	65.6	33.3	18.3	5.9	10.2	1.1
>= 340.00	25.7	1.0	3.8	16.6	41.3	68.0	63.4	60.0	29.0	13.3	4.3	9.6	1.1
>= 470.00	22.2		3.3	15.0	37.0	59.7	54.3	53.8	25.2	10.0	2.6	8.6	
>= 660.00	17.2		2.7	12.9	27.4	46.7	45.1	43.3	18.8	5.0	.5	6.9	
>= 930.00	12.2		1.6	9.6	19.3	39.0	34.4	25.0	11.2	2.7		5.9	
>= 1300.00	8.8		1.6	6.4	15.0	27.8	26.3	17.2	7.5	1.1		4.3	
>= 1800.00	5.5			2.6	9.6	18.9	16.6	10.5	5.3			3.2	
>= 2600.00	2.8			1.6	5.9	10.0	6.4	5.0	2.6			2.6	
>= 3600.00	1.3			.5	2.1	6.5	3.7	2.2				1.0	
>= 5000.00	.3				1.6	1.1		1.6					
>= 71000.00					.5								

STATION 03321350 SOUTH FORK PANTHER CREEK NEAR WHITESVILLE, KY. 1968-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	56.4	84.5	98.3	100	100	100	100	100	100	100	100	95.6	78.5
>= .02	96.2	84.2	98.3	100	100	100	100	100	100	100	100	94.7	78.2
>= .03	96.1	83.9	98.3	100	100	100	100	100	100	100	99.7	94.7	77.6
>= .04	96.0	83.2	98.3	100	100	100	100	100	100	100	99.7	93.5	77.3
>= .06	95.5	81.9	98.3	100	100	100	100	100	100	100	99.7	91.2	75.8
>= .09	95.0	80.6	98.3	100	100	100	100	100	100	100	99.4	89.7	73.0
>= .10	94.9	80.6	98.3	100	100	100	100	100	100	100	99.1	89.1	72.1
>= .20	93.7	78.7	98.3	100	100	100	100	100	100	99.7	98.2	82.7	68.5
>= .30	92.3	77.1	98.0	100	100	100	100	100	100	99.1	96.5	76.8	61.8
>= .40	90.9	74.5	97.7	100	100	100	100	100	100	99.1	94.4	73.3	54.2
>= .60	88.7	69.0	97.3	100	100	100	100	100	100	97.0	89.7	64.8	49.7
>= .90	86.0	64.2	92.0	100	100	100	100	100	100	95.8	83.0	57.2	44.8
>= 1.40	82.3	56.1	91.0	98.4	100	100	100	100	99.1	93.3	67.7	48.4	39.4
>= 2.00	78.6	51.3	85.7	97.1	100	100	100	100	98.2	86.1	56.6	38.7	37.0
>= 3.00	74.6	45.2	81.0	94.2	99.4	100	100	100	97.4	75.8	41.3	29.9	34.2
>= 4.30	69.5	39.0	75.7	89.0	91.6	99.6	100	100	96.8	64.2	32.8	24.3	30.6
>= 6.40	65.2	34.8	65.3	87.1	90.0	99.3	100	100	91.2	51.5	26.1	20.5	26.1
>= 9.30	61.3	29.7	59.0	85.5	90.0	98.9	100	99.4	83.0	40.6	21.7	17.6	21.5
>= 14.00	56.8	27.1	48.7	79.0	89.4	97.2	100	97.3	75.1	31.2	16.4	14.7	17.6
>= 20.00	51.4	23.2	40.0	73.2	85.5	91.5	98.4	93.6	62.2	22.4	12.9	13.2	12.1
>= 29.00	45.7	16.8	31.3	67.4	76.8	87.2	94.8	86.4	49.9	18.2	11.4	10.3	9.4
>= 43.00	38.6	11.3	21.3	58.4	65.5	79.1	86.1	76.1	38.4	14.8	8.2	8.5	6.1
>= 63.00	30.5	7.4	14.7	48.1	52.9	66.0	70.6	60.9	25.2	12.4	6.2	7.3	3.6
>= 92.00	22.4	4.8	10.3	34.1	40.6	48.2	53.8	46.3	16.1	9.6	3.5	5.5	2.4
>= 130.00	15.8	3.5	7.6	25.4	28.0	30.1	36.7	34.2	11.4	7.5	3.2	4.1	1.5
>= 200.00	9.7	1.9	6.3	15.8	18.0	17.3	21.9	19.0	7.6	5.7	2.0	2.3	1.5
>= 290.00	6.2	.6	3.6	8.3	12.2	10.6	14.5	13.9	5.8	2.7	.8	1.4	.9
>= 420.00	4.0		2.6	4.5	6.7	6.7	9.3	10.3	4.6	1.8	.5	1.4	.6
>= 620.00	2.5		2.3	1.9	4.1	4.6	5.4	7.8	2.6	.9	.2	.5	
>= 910.00	1.5		.6	.9	2.9	2.8	3.5	4.8	2.0	.6		.5	
>= 1300.00	.8		.3	.3	2.2	2.1	.6	3.0	1.1			.2	
>= 1900.00	.3		.3		.3	1.0	.3	1.2	.2			.2	
>= 2900.00						.3							

STATION 03322360 BEAVERDAM CREEK NEAR CORYDON, KY. 1972-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	81.1	55.4	81.7	92.5	97.8	100	100	100	96.8	83.3	71.0	56.7	50.0
>= .02	77.8	53.2	77.2	86.6	97.8	100	100	100	95.7	81.7	64.1	46.1	46.2
>= .03	76.3	51.6	75.6	84.4	97.3	100	100	100	95.2	80.0	59.4	41.9	45.2
>= .05	74.3	50.0	73.3	83.3	97.3	99.4	100	100	94.1	77.8	53.5	38.2	41.9
>= .07	72.7	47.8	72.8	83.3	94.6	98.2	100	100	94.1	75.0	48.8	35.5	39.5
>= .10	70.2	43.0	71.1	83.3	89.2	98.2	100	100	93.5	74.4	41.0	31.3	36.2
>= .20	63.1	25.3	63.9	75.3	84.4	95.9	96.8	100	89.2	66.1	30.9	24.4	26.2
>= .30	59.1	18.8	58.9	73.7	83.9	93.5	93.5	97.8	88.2	57.2	25.3	20.3	20.0
>= .40	56.9	16.1	55.6	72.0	83.9	92.3	92.5	96.7	85.5	50.6	24.4	17.1	17.6
>= .60	54.0	15.1	50.0	71.0	83.3	89.3	90.9	95.0	81.2	43.9	19.8	16.1	13.8
>= .80	51.8	15.1	44.4	71.0	83.3	88.8	90.3	93.9	72.6	38.3	17.5	15.2	11.9
>= 1.20	47.8	9.1	39.4	67.7	79.0	85.2	90.3	89.4	63.4	31.7	15.2	12.4	10.5
>= 1.60	45.1	7.0	35.0	67.7	72.0	82.2	89.2	85.0	57.5	27.8	14.7	11.5	10.5
>= 2.30	41.2	5.4	27.2	65.6	67.7	77.5	88.2	76.7	49.5	23.9	12.0	10.1	9.0
>= 3.20	37.3	4.3	25.0	58.1	61.3	72.2	85.5	66.7	44.1	19.4	11.1	9.2	7.1
>= 4.50	31.2	3.2	18.9	51.6	55.4	60.9	72.6	53.9	35.5	13.3	9.7	7.4	5.7
>= 6.30	26.8	2.2	16.1	43.5	50.5	48.5	65.6	43.9	32.8	10.0	8.3	6.0	4.8
>= 8.90	21.5	2.2	13.3	34.4	38.7	37.9	55.4	36.1	24.7	6.7	7.4	5.1	4.8
>= 12.00	17.8	2.2	11.1	30.6	32.3	27.8	48.4	27.2	19.4	6.1	6.9	5.1	2.9
>= 17.00	13.5	1.6	9.4	22.0	23.1	21.3	38.7	21.7	12.9	4.4	5.5	4.1	1.9
>= 25.00	10.8	1.6	8.9	16.7	17.2	14.8	32.8	17.8	10.2	3.3	5.1	3.2	1.4
>= 35.00	8.1	.5	7.8	13.4	13.4	7.7	24.7	13.9	7.0	2.8	4.1	3.2	1.4
>= 48.00	6.3		6.7	8.1	8.6	4.1	21.0	11.7	6.5	2.8	3.7	3.2	1.4
>= 68.00	4.4		5.0	5.3	6.4	3.5	13.9	8.3	3.7	1.6	1.8	3.2	1.4
>= 96.00	3.0		3.3	3.2	3.7	3.5	9.6	5.5	3.2	1.1	.4	2.3	1.4
>= 130.00	2.1		2.7	2.1	2.6	2.3	7.5	4.4	1.6	1.1	.4	1.3	.4
>= 190.00	1.2		1.6	1.6	1.6	1.7	3.7	2.7	1.0		.4	.4	.4
>= 270.00	.7		.5	1.0	.5	1.1	3.2	1.6			.4	.4	
>= 370.00	.4		.5	.5	.5	1.1	1.0	.5			.4	.4	
>= 520.00	.1					1.1	.5						
>= 740.00						.5							

STATION 03383000 TRADEWATER RIVER AT OLNEY, KY. 1940-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .10	95.8	80.9	92.1	99.2	100	100	100	100	100	100	96.6	92.1	88.5
>= .20	94.6	78.4	91.1	99.2	100	100	100	100	100	99.8	94.7	90.0	82.3
>= .30	93.1	75.0	89.1	99.2	100	100	100	100	100	99.6	90.9	87.1	77.3
>= .40	92.3	71.7	88.1	99.2	100	100	100	100	100	98.2	90.4	86.6	73.6
>= .60	91.1	68.3	85.3	99.2	100	100	100	100	100	97.4	89.1	84.3	69.6
>= .80	90.1	66.0	83.9	98.8	99.9	100	100	100	100	96.5	87.6	82.3	66.5
>= 1.20	88.3	60.9	81.3	96.9	99.6	100	100	100	99.8	95.2	85.4	80.1	61.2
>= 1.70	86.1	56.5	78.2	95.1	98.3	100	100	100	99.4	92.8	83.0	77.0	53.8
>= 2.40	83.9	50.2	75.2	92.7	96.7	100	100	100	99.3	90.7	81.0	73.2	49.2
>= 3.40	81.4	43.0	72.1	90.8	96.0	100	100	100	99.0	88.2	77.6	67.0	44.4
>= 4.90	78.4	38.5	67.0	89.9	95.5	99.6	100	100	98.3	82.7	71.3	60.6	38.4
>= 7.00	75.3	34.7	62.5	88.5	94.9	99.3	100	100	98.0	76.4	63.6	54.0	32.9
>= 10.00	71.9	31.8	58.9	85.2	93.5	98.5	99.7	100	96.9	69.2	56.0	45.8	28.8
>= 14.00	68.7	27.1	56.8	81.1	91.3	97.6	99.7	100	95.8	62.7	48.9	39.0	25.7
>= 20.00	64.5	23.5	53.2	75.1	88.9	96.3	99.7	100	92.1	56.0	39.9	31.4	20.3
>= 29.00	60.3	18.9	48.2	69.5	88.3	95.7	99.7	99.7	85.7	47.5	32.0	22.8	17.6
>= 41.00	55.2	14.6	40.1	65.1	84.7	92.5	98.7	97.8	77.5	37.3	25.1	17.3	13.9
>= 59.00	49.4	10.4	33.2	58.8	78.7	88.8	95.2	93.7	65.3	29.1	18.5	13.2	9.9
>= 84.00	43.7	7.5	25.9	51.2	72.2	82.9	92.3	86.0	55.0	22.5	15.1	9.4	6.8
>= 120.00	38.2	5.2	19.6	44.2	63.1	75.3	87.2	78.2	46.3	18.0	11.8	6.9	5.2
>= 170.00	32.7	3.5	15.2	38.8	54.3	66.4	78.9	68.2	37.8	13.9	8.4	4.9	4.0
>= 250.00	27.0	1.9	11.5	33.7	45.7	55.2	68.7	56.0	29.5	10.6	5.9	3.6	3.1
>= 350.00	22.7	1.1	9.4	28.9	39.5	47.3	60.0	45.8	24.4	8.3	4.0	2.2	2.4
>= 500.00	18.7	.2	7.4	24.8	33.7	39.6	50.6	37.1	20.4	5.9	2.6	1.5	1.9
>= 710.00	14.8		5.4	19.6	28.0	31.6	41.0	28.9	16.0	4.4	1.3	.8	1.4
>= 1000.00	10.9		4.1	13.6	21.1	24.1	31.2	20.8	11.7	3.0	.8	.5	1.1
>= 1400.00	6.9		3.2	7.9	13.5	16.4	19.6	13.9	6.1	1.7	.5		.9
>= 2100.00	2.5		1.4	2.2	6.5	7.0	7.3	2.9	2.2	.6	.3		
>= 2900.00	1.0		.9	1.1	2.7	3.1	2.6	.7	.9	.3	.2		
>= 4200.00	.3		.7	.2	.4	.9	1.3	.2	.3	.2			
>= 6000.00	.1		.3		.1	.3	.5						
>= 8600.00							.2						
>= 12000.00							.1						

STATION 03383500 TRADEWATER RIVER NEAR DALTON, KY. 1928-1940

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .1	96.9	90.3	90.0	100	100	100	100	100	100	100	100	98.4	84.4
>= .2	95.7	86.6	82.2	100	100	100	100	100	100	100	100	97.8	81.1
>= .3	94.7	79.6	81.7	98.4	100	100	100	100	100	100	100	97.3	79.4
>= .4	94.5	78.5	81.7	97.3	100	100	100	100	100	100	100	97.3	78.9
>= .5	93.2	73.1	77.2	95.7	100	100	100	100	100	100	98.4	96.2	77.2
>= .7	90.0	61.8	66.1	87.6	100	100	100	100	100	100	95.7	95.7	73.3
>= 1.0	86.1	49.5	61.1	85.5	100	100	100	100	100	100	89.8	91.4	56.7
>= 1.4	83.4	47.3	58.9	74.7	97.3	100	100	100	100	100	87.6	82.3	53.3
>= 2.0	80.1	44.6	57.2	67.2	91.4	100	100	100	100	100	77.4	75.3	50.0
>= 2.7	77.7	39.8	55.0	61.3	87.1	100	100	100	100	100	74.2	72.0	45.0
>= 3.8	74.2	33.9	51.7	53.8	84.4	98.2	100	100	100	100	65.1	67.2	38.3
>= 5.3	69.6	24.2	46.7	52.2	80.6	94.1	100	100	99.5	88.3	58.6	62.4	30.6
>= 7.4	64.9	19.9	35.6	51.1	76.3	92.3	100	100	98.9	85.6	43.5	52.7	25.0
>= 10.0	61.1	16.1	27.8	46.2	74.2	92.3	100	100	98.4	82.2	33.3	44.6	20.0
>= 14.0	57.5	12.4	19.4	43.5	72.0	92.3	100	100	97.8	77.2	25.3	34.9	17.2
>= 20.0	54.5	8.1	18.9	41.4	69.9	92.3	100	100	91.9	71.1	21.5	29.0	13.3
>= 28.0	51.0	5.4	18.3	41.4	68.3	92.3	100	96.7	80.6	60.6	16.1	25.3	10.6
>= 39.0	47.3	4.3	15.6	37.6	65.1	91.1	100	93.3	69.9	50.6	12.9	21.0	9.4
>= 54.0	43.7	3.2	12.2	33.9	62.4	89.9	96.2	90.6	59.1	42.8	11.3	18.3	8.3
>= 75.0	39.9	2.7	8.3	31.7	60.8	88.2	94.1	85.0	51.1	30.0	8.1	15.1	7.2
>= 110.0	35.5	2.7	6.7	25.3	55.9	85.8	88.2	77.8	41.9	22.8	6.5	11.3	5.0
>= 150.0	31.5	1.1	5.6	24.2	52.7	80.5	75.8	70.6	36.0	17.8	5.4	9.1	3.3
>= 200.0	28.1	1.1	5.6	21.0	48.4	74.6	67.7	63.9	29.6	13.9	3.8	8.1	2.8
>= 280.0	23.6	.5	3.8	14.5	43.5	64.4	57.5	56.1	24.1	10.5	2.6	7.5	1.6
>= 400.0	20.2		2.7	11.8	36.0	56.8	50.5	50.5	18.8	8.3	1.6	6.9	1.1
>= 550.0	16.8		2.7	9.1	31.1	50.2	43.5	42.2	13.4	3.8	1.6	6.4	.5
>= 770.0	14.0		2.2	6.9	24.7	42.0	39.2	35.0	11.2	2.2	.5	5.9	
>= 1100.0	10.1		1.1	4.8	17.2	31.9	30.1	25.5	5.3	1.6		5.3	
>= 1500.0	5.3			.5	8.6	21.3	16.1	12.2	1.6			4.8	
>= 2100.0	1.4				4.3	4.7	4.3	3.3				1.0	
>= 2900.0	.3				3.2	.5		.5					
>= 4000.0	.1				2.1								
>= 5600.0					1.0								

STATION 03384000 ROSE CREEK AT NEBO, KY. 1952-1970

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	40.8	12.6	29.4	45.5	59.9	81.5	92.3	78.4	48.4	15.3	20.5	7.8	5.1
>= .02	40.4	11.4	28.3	45.0	59.9	81.5	92.3	78.4	47.0	14.9	19.7	7.6	4.9
>= .03	39.9	10.8	26.9	44.3	59.9	81.5	92.3	78.2	46.0	14.0	19.5	7.1	4.9
>= .04	39.5	10.7	25.0	44.3	59.9	81.5	91.6	77.5	45.5	14.0	18.7	7.0	4.9
>= .06	38.9	10.3	23.5	43.9	59.3	80.3	90.1	77.2	44.7	13.5	18.7	6.8	4.9
>= .08	38.8	10.3	23.0	43.7	59.3	80.3	90.1	76.8	44.7	13.5	18.7	6.8	4.9
>= .10	38.4	9.9	22.8	43.4	59.1	79.1	89.2	76.7	44.0	13.3	18.7	6.5	4.9
>= .20	33.3	8.9	19.1	36.4	53.9	71.1	83.0	63.2	35.5	10.0	15.6	5.1	4.2
>= .30	30.8	8.3	17.2	34.2	50.4	66.9	78.7	59.5	29.9	8.9	13.1	4.2	4.0
>= .40	27.9	6.4	13.9	31.5	47.1	59.8	72.4	53.3	26.7	8.2	12.2	4.2	4.0
>= .50	25.6	5.7	11.5	30.3	43.7	55.7	66.3	50.2	24.1	7.0	10.7	3.7	3.5
>= .70	21.9	4.4	8.5	27.2	36.9	48.2	56.3	42.1	20.7	5.8	10.0	3.2	3.0
>= 1.00	18.6	3.6	6.5	23.1	31.9	40.9	47.5	36.3	18.7	5.1	8.5	2.0	2.3
>= 1.40	15.5	2.8	5.2	19.7	26.0	34.4	39.2	30.4	15.4	4.7	7.8	1.9	1.4
>= 1.90	12.9	1.8	4.3	16.5	21.5	28.9	31.9	24.6	13.6	4.2	7.1	1.7	1.1
>= 2.60	10.4	1.6	3.1	14.5	17.6	23.6	25.1	18.9	10.9	3.0	5.9	1.5	.5
>= 3.50	8.8	1.2	2.4	12.2	13.3	18.5	22.6	16.8	9.5	2.8	5.3	1.4	.5
>= 4.70	7.3	1.2	1.7	10.2	10.6	14.2	19.5	13.9	8.3	2.6	4.6	.8	.5
>= 6.40	5.8	.7	1.5	8.8	6.6	12.8	15.2	12.3	5.9	2.1	3.9	.7	.4
>= 8.80	4.7	.4	1.3	6.8	5.4	10.2	12.5	10.0	4.6	1.9	3.2	.5	.4
>= 12.00	3.8	.4	1.3	5.2	4.5	7.9	10.2	8.4	3.6	1.4	2.7	.5	.2
>= 16.00	2.8	.4	1.1	3.6	3.4	6.9	7.7	5.8	2.7	.9	1.7	.3	.2
>= 22.00	2.1	.4	.9	2.2	2.9	3.9	6.1	4.2	2.2	.9	1.0	.3	.2
>= 30.00	1.3	.1	.5	1.4	2.1	2.3	3.5	2.4	2.0	.7	.6	.3	
>= 41.00	.9		.5	1.0	.8	1.5	1.6	2.1	1.8	.3	.5	.3	
>= 56.00	.5		.3	.1	.5	.9	1.0	1.9	.6	.3	.3	.1	
>= 76.00	.3		.1	.1	.3	.3	.7	1.0	.6	.1		.1	
>= 100.00	.1		.1		.1	.3	.5	.3	.1	.1		.1	
>= 140.00	.1		.1		.1	.1	.1	.1		.1		.1	
>= 190.00			.1			.1	.1	.1					
>= 260.00			.1			.1	.1						

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= .8	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 1.1	99.5	93.5	100	100	100	100	100	100	100	100	100	100	100
>= 1.4	98.9	92.5	100	100	100	100	100	100	100	100	100	100	94.2
>= 1.8	97.8	86.0	100	100	100	100	100	100	100	100	100	100	87.5
>= 2.3	96.4	76.3	100	100	100	100	100	100	100	100	100	100	80.0
>= 2.9	94.4	64.5	94.4	100	100	100	100	100	100	100	100	98.4	73.3
>= 3.6	90.1	47.3	71.1	100	100	100	100	100	100	97.5	98.4	93.5	68.3
>= 4.6	85.4	37.6	56.7	90.3	100	100	100	100	95.2	90.8	98.4	90.3	59.2
>= 5.8	82.9	34.4	51.1	81.7	100	100	100	100	93.5	90.0	98.4	83.9	55.0
>= 7.3	79.7	31.2	46.7	73.1	97.8	100	100	100	91.1	89.2	98.4	75.8	45.8
>= 9.2	74.9	20.4	38.9	63.4	90.3	100	100	100	88.7	85.0	96.8	69.4	37.5
>= 12.0	69.9	12.9	33.3	54.8	86.0	95.2	100	99.2	82.3	83.3	93.5	61.3	28.3
>= 15.0	64.6	11.8	33.3	52.7	80.6	79.8	97.8	95.0	75.8	78.3	92.7	53.2	15.8
>= 18.0	60.6	11.8	33.3	51.6	71.0	75.0	96.8	91.7	71.8	70.0	88.7	47.6	12.5
>= 23.0	55.6	9.7	32.2	50.5	67.7	71.4	96.8	85.8	60.5	59.2	84.7	41.9	5.0
>= 29.0	49.9	6.5	27.8	46.2	64.5	66.7	93.5	79.2	47.6	48.3	80.6	37.9	1.7
>= 37.0	43.3	2.2	20.0	43.0	50.5	64.3	83.9	67.5	41.9	35.8	75.8	35.5	.8
>= 47.0	37.0	1.1	12.2	40.9	40.9	63.1	76.3	59.2	28.2	28.3	64.5	32.3	.8
>= 59.0	30.4		3.3	38.7	28.0	53.6	68.8	50.8	16.1	24.2	54.8	29.0	
>= 74.0	25.2		2.2	35.5	17.2	38.1	57.0	41.7	12.1	19.2	53.2	25.8	
>= 93.0	20.0		2.2	28.0	14.0	33.3	49.5	33.3	7.3	15.8	39.5	19.4	
>= 120.0	16.2		1.1	21.5	12.9	23.8	43.0	20.8	6.5	11.7	35.5	18.5	
>= 150.0	12.8			17.2	11.8	17.9	34.4	15.8	4.0	8.3	28.2	16.1	
>= 190.0	9.8			10.7	11.8	11.9	27.9	11.6	.8	6.6	23.3	13.7	
>= 240.0	7.1			7.5	7.5	4.7	24.7	7.5		4.1	17.7	11.2	
>= 300.0	4.9			4.3	4.3	2.3	17.2	5.0		2.5	12.0	10.4	
>= 380.0	3.5			3.2	3.2	1.1	16.1	3.3		1.6	6.4	7.2	
>= 470.0	2.1			3.2			9.6	3.3		.8	5.6	3.2	
>= 600.0	1.5			2.1			7.5	2.5		.8	4.8	.8	
>= 750.0	1.0			1.0			5.3	1.6			3.2	.8	
>= 950.0	.7			1.0			5.3	1.6			1.6		
>= 1200.0	.3			1.0				.8			1.6		
>= 1500.0	.1							.8			.8		
>= 1900.0	.1							.8			.8		

STATION 03400500 POOR FORK AT CUMBERLAND, KY. 1940-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 2.5	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 3.2	99.8	98.6	99.4	100	100	100	100	100	100	100	100	100	99.6
>= 4.0	99.4	95.2	98.3	100	100	100	100	100	100	100	100	100	99.1
>= 5.1	98.8	92.3	98.2	100	100	100	100	100	100	100	99.8	98.8	96.8
>= 6.5	97.9	89.3	97.2	99.9	100	100	100	100	100	100	99.1	96.9	92.1
>= 8.2	95.8	80.2	93.8	99.2	99.9	100	100	100	100	99.8	97.8	94.9	84.0
>= 10.0	93.4	73.6	88.1	97.8	99.4	100	100	100	99.7	99.1	95.6	93.0	74.5
>= 13.0	89.7	63.2	83.2	94.2	98.7	99.9	100	100	99.2	97.1	92.8	85.2	63.8
>= 17.0	85.4	50.4	78.6	92.0	98.1	99.9	100	100	98.9	94.8	88.0	73.4	51.1
>= 21.0	80.2	39.5	73.6	89.0	96.3	99.3	99.8	100	98.3	90.3	77.0	61.0	40.4
>= 27.0	73.7	32.3	65.4	86.1	93.7	98.4	99.7	99.3	95.5	79.7	61.9	49.5	25.6
>= 34.0	68.1	26.1	58.1	80.4	91.9	97.0	99.7	98.1	91.4	66.3	50.9	41.9	18.2
>= 44.0	62.3	21.4	50.2	75.1	89.9	95.0	99.5	96.7	84.9	50.9	40.9	33.1	13.0
>= 55.0	56.8	16.6	42.3	69.9	86.1	92.8	98.7	94.4	75.6	39.1	33.7	25.8	9.9
>= 70.0	50.7	13.1	34.2	62.8	81.5	89.7	97.0	89.4	64.6	28.1	25.7	19.2	7.2
>= 89.0	44.4	9.6	27.2	54.5	73.9	83.6	93.8	79.6	53.3	21.9	20.3	14.1	5.2
>= 110.0	38.2	7.6	22.4	47.3	65.2	76.3	86.8	67.7	42.7	16.2	16.0	10.3	3.9
>= 140.0	30.5	5.4	16.1	39.4	52.0	64.9	75.3	51.0	31.8	11.5	11.6	7.7	2.5
>= 180.0	23.1	3.5	11.6	29.5	40.3	50.6	60.4	38.1	22.3	7.8	8.3	5.4	1.8
>= 230.0	16.5	2.2	8.4	21.2	30.6	36.4	42.9	27.6	15.0	5.0	5.9	4.4	1.0
>= 290.0	11.9	1.7	6.4	15.3	22.8	25.0	31.7	20.2	10.8	3.2	4.1	2.8	.5
>= 370.0	8.0	1.3	4.2	10.6	15.6	17.0	20.7	14.1	6.1	2.2	2.9	2.0	.3
>= 470.0	5.2	.8	2.8	7.0	10.2	11.7	14.1	8.5	3.8	1.5	2.0	1.0	.1
>= 600.0	3.4	.2	1.2	4.4	7.1	8.2	9.0	5.5	2.5	.8	1.5	.5	
>= 760.0	2.2		.8	2.9	4.4	5.4	6.3	3.8	1.8	.5	1.1	.3	
>= 960.0	1.4		.4	1.6	2.7	3.5	3.9	2.3	1.1	.4	.7	.1	
>= 1200.0	.8		.3	1.1	1.6	2.6	2.5	1.1	.5	.2	.3		
>= 1500.0	.6		.2	.8	1.1	1.8	2.0	.6	.4		.1		
>= 2000.0	.3		.2	.4	.8	.9	1.2	.5	.3				
>= 2500.0	.1		.1	.1	.4	.5	.4	.4	.1				
>= 3200.0					.3		.1						

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .8	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 1.1	99.9	100	100	100	100	100	100	100	100	100	100	100	99.2
>= 1.4	99.9	100	100	100	100	100	100	100	100	100	100	100	99.2
>= 1.8	99.7	100	100	100	100	100	100	100	100	100	100	99.2	97.1
>= 2.3	97.8	100	100	100	100	100	100	100	100	100	100	96.0	79.2
>= 2.9	97.4	100	100	100	100	100	100	100	100	100	100	94.0	76.7
>= 3.8	96.2	100	100	100	100	100	100	100	100	100	99.6	90.7	66.7
>= 4.9	95.0	99.1	98.1	100	100	100	100	100	100	100	97.6	85.9	61.7
>= 6.3	93.4	96.3	93.3	100	100	100	100	100	100	100	92.7	82.7	58.3
>= 8.2	92.0	90.8	91.4	100	100	100	100	100	100	100	89.5	78.2	57.1
>= 11.0	89.2	80.2	90.0	100	100	100	100	100	100	95.8	85.1	71.8	51.7
>= 14.0	85.6	71.9	89.0	99.5	100	100	100	100	98.8	90.4	73.8	66.9	41.7
>= 18.0	80.9	65.0	85.7	98.2	100	98.5	100	100	93.5	82.9	58.9	60.5	34.2
>= 23.0	76.1	58.1	80.0	98.2	99.6	97.0	100	98.8	87.9	74.6	47.2	53.6	26.7
>= 29.0	71.5	46.5	72.4	96.8	98.7	95.5	100	94.2	85.1	69.6	41.5	48.0	17.9
>= 38.0	65.9	34.1	62.9	94.1	98.3	93.4	100	85.8	82.3	66.3	35.5	37.5	10.0
>= 49.0	59.7	28.1	54.8	89.1	94.4	86.9	98.2	80.8	79.0	59.6	24.6	23.0	7.9
>= 63.0	53.5	22.6	46.7	84.2	89.7	80.3	93.5	78.8	76.2	45.0	12.5	16.5	5.8
>= 81.0	45.3	17.1	38.6	71.0	81.6	73.7	87.1	72.5	66.9	22.5	6.9	10.9	5.4
>= 100.0	39.1	15.2	30.5	62.0	72.6	66.2	80.6	60.4	57.3	16.3	4.0	8.9	4.6
>= 140.0	28.3	9.2	21.0	41.6	53.4	55.1	65.0	48.3	35.5	7.1	3.2	7.3	1.3
>= 170.0	22.2	7.4	18.1	31.7	47.5	42.9	47.0	38.8	26.6	4.6	1.6	5.6	.8
>= 230.0	15.0	6.9	16.2	22.2	35.5	26.3	30.0	22.9	15.3	2.9	1.6	4.0	.4
>= 290.0	11.2	3.2	13.3	17.1	30.3	17.6	23.5	15.8	11.6	1.6	1.2	2.4	.4
>= 380.0	8.1	1.3	10.9	12.6	23.5	11.1	19.3	11.6	8.4	.4	.8	.4	
>= 480.0	5.4	.9	6.6	7.6	17.0	6.5	13.3	7.9	5.2	.4	.8		
>= 620.0	3.4	.4	3.8	5.4	9.8	3.0	9.2	5.4	3.2	.4	.8		
>= 810.0	1.9	.4	2.8	2.7	3.8	1.5	6.9	3.7	1.2	.4			
>= 1000.0	1.2		1.9	2.2	2.5	1.0	5.0	1.6	.8	.4			
>= 1300.0	.7		.9	1.3	.8	.5	3.6	.8	.8				
>= 1700.0	.5		.9	.9	.4		3.2	.8	.8				
>= 2200.0	.5		.9	.9	.4		2.7	.8	.4				
>= 2900.0	.2		.9		.4		1.8	.4					
>= 3700.0	.1		.4		.4		.4	.4					

STATION 03401000 CUMBERLAND RIVER NEAR HARLAN, KY. 1940-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 5.0	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 6.5	100	99.7	100	100	100	100	100	100	100	100	100	100	100
>= 8.5	99.7	97.8	100	100	100	100	100	100	100	100	99.8	100	99.0
>= 11.0	99.5	96.5	100	100	100	100	100	100	100	100	99.6	99.8	97.9
>= 14.0	99.0	94.7	98.9	100	100	100	100	100	100	100	99.5	99.3	95.0
>= 19.0	98.0	89.4	98.1	100	100	100	100	100	100	100	99.0	98.3	91.0
>= 24.0	96.7	82.9	96.9	100	100	100	100	100	100	100	98.5	96.7	85.6
>= 32.0	94.3	76.7	91.4	98.5	99.7	100	100	100	100	99.6	97.2	92.7	76.1
>= 41.0	91.9	70.2	86.1	96.9	99.5	100	100	100	99.7	98.7	95.8	87.6	68.4
>= 54.0	88.2	58.1	81.8	95.1	98.6	99.7	100	100	99.3	97.6	92.0	79.2	58.0
>= 70.0	83.8	47.4	75.8	91.4	97.9	99.4	100	100	99.0	95.5	84.0	70.5	45.4
>= 91.0	78.4	38.5	69.6	86.9	96.3	99.0	99.8	100	98.6	88.9	72.4	59.6	33.1
>= 120.0	72.3	30.2	63.2	82.8	94.1	97.5	99.7	99.6	97.0	77.8	58.4	47.6	22.1
>= 150.0	67.2	25.0	57.4	78.5	91.7	96.4	99.7	99.1	93.1	66.4	48.2	38.1	15.7
>= 200.0	60.6	18.9	48.6	72.4	89.6	93.3	98.8	96.9	84.0	51.7	37.3	29.0	10.0
>= 260.0	54.3	14.4	40.5	66.6	85.8	90.8	97.6	92.9	71.3	37.6	29.7	21.3	7.1
>= 340.0	47.7	10.8	31.0	58.1	80.6	87.2	95.7	85.6	58.1	26.8	22.7	15.2	5.0
>= 450.0	40.5	7.5	23.3	51.6	70.5	80.2	89.9	73.5	45.5	17.2	16.8	11.0	3.1
>= 580.0	33.2	4.8	17.9	44.8	57.7	70.1	80.8	58.6	33.3	11.2	12.6	8.2	1.6
>= 760.0	25.3	3.6	13.1	35.3	45.2	54.5	64.8	42.7	24.2	7.6	9.1	5.9	1.1
>= 980.0	18.7	2.4	10.2	25.5	37.0	39.6	48.8	29.7	16.5	5.1	6.9	3.7	.8
>= 1300.0	12.9	1.6	7.4	17.6	27.6	27.1	33.1	20.9	10.3	3.1	4.9	2.6	.3
>= 1700.0	8.8	.9	4.8	12.1	19.9	18.8	23.1	13.3	6.0	2.1	3.5	1.5	.3
>= 2200.0	5.8	.5	3.2	8.5	13.3	12.7	15.2	8.1	4.1	1.4	2.3	.6	.1
>= 2800.0	3.9	.3	2.0	5.8	9.5	9.4	10.3	5.5	2.7	.9	1.4	.2	
>= 3700.0	2.6	.2	.9	3.9	5.2	6.5	7.2	4.1	1.8	.5	.9	.1	
>= 4800.0	1.5	.1	.5	2.2	3.3	3.9	4.4	2.5	1.1	.3	.5		
>= 6300.0	.8		.3	1.4	2.1	2.4	2.4	.9	.6	.2	.1		
>= 8100.0	.5		.3	.8	1.1	1.6	1.4	.5	.3				
>= 11000.0	.3		.1	.5	.6	.7	1.1	.3	.3				
>= 14000.0	.1		.1	.2	.5	.2	.5	.2					
>= 18000.0			.1	.1	.2		.2	.1					

STATION 03403000 CUMBERLAND RIVER NEAR PINEVILLE, KY. 1938-1975

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 6.1	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 8.1	99.8	98.4	100	100	100	100	100	100	100	100	100	99.9	99.6
>= 11.0	99.7	98.0	100	100	100	100	100	100	100	100	100	99.9	98.9
>= 14.0	99.5	97.3	100	100	100	100	100	100	100	100	100	99.8	97.2
>= 18.0	99.1	95.4	99.4	100	100	100	100	100	100	100	99.8	99.3	94.8
>= 24.0	98.3	91.4	97.9	100	100	100	100	100	100	100	99.8	98.7	91.9
>= 32.0	97.1	86.3	96.2	99.1	100	100	100	100	100	100	97.9	97.1	88.6
>= 42.0	95.6	80.6	93.0	98.0	100	100	100	100	100	100	97.2	94.4	83.6
>= 55.0	93.7	74.2	89.6	97.7	99.3	99.9	100	100	100	99.5	96.4	90.9	76.6
>= 72.0	90.9	64.6	84.7	96.5	98.4	99.7	100	100	99.9	99.2	94.9	86.1	67.1
>= 94.0	87.3	54.8	79.4	94.1	97.0	99.5	100	100	99.5	98.5	90.0	79.1	56.5
>= 120.0	83.6	45.6	74.7	91.5	95.9	99.4	100	100	99.1	96.6	83.4	71.0	47.0
>= 160.0	78.1	35.4	68.5	87.5	93.9	98.7	99.7	100	98.6	90.1	71.9	60.5	33.1
>= 210.0	72.3	28.7	61.5	81.9	92.2	97.6	99.7	100	96.8	81.3	60.0	47.7	22.7
>= 280.0	66.2	21.5	53.4	77.4	90.0	96.9	99.7	99.1	91.9	68.6	47.7	36.7	14.3
>= 370.0	60.0	16.0	45.3	71.3	87.9	94.9	98.7	97.0	83.4	53.6	38.9	27.1	9.7
>= 480.0	54.0	11.8	37.1	64.5	84.8	93.4	97.8	94.8	69.6	39.9	31.4	19.9	6.4
>= 630.0	48.2	8.6	30.5	58.5	80.6	89.5	96.6	89.4	58.6	28.3	23.6	14.6	4.3
>= 830.0	42.0	6.2	23.4	51.4	73.6	84.1	92.5	80.4	46.3	18.6	18.1	10.9	2.7
>= 1100.0	35.4	4.2	17.5	44.8	62.4	75.8	85.3	68.1	34.3	13.0	14.0	8.0	1.4
>= 1400.0	28.3	3.0	13.6	36.6	50.7	62.8	72.5	52.2	26.1	8.8	10.8	5.5	1.1
>= 1900.0	20.2	1.8	9.4	25.2	38.2	46.3	54.1	35.9	16.4	5.6	7.5	4.0	.6
>= 2500.0	14.1	1.2	6.8	18.2	28.1	33.1	37.3	23.9	10.3	3.8	5.9	2.4	.3
>= 3200.0	9.6	.8	4.3	12.9	20.1	22.7	24.1	15.9	6.5	2.9	4.0	1.5	.1
>= 4300.0	6.2	.4	3.0	8.6	13.4	14.3	16.6	9.9	4.2	1.7	2.3	.7	
>= 5600.0	4.5	.4	2.1	5.8	10.7	10.3	12.1	7.0	3.2	1.3	1.4	.5	
>= 7300.0	3.0	.4	1.0	4.4	7.1	7.2	8.1	4.2	1.8	.8	.9		
>= 9600.0	2.0		1.0	3.2	3.9	5.1	5.9	3.0	1.4	.5	.4		
>= 13000.0	1.0		.6	1.3	2.0	2.8	3.3	1.2	.8	.2	.1		
>= 17000.0	.5		.3	.6	1.1	1.5	2.0	.5	.4	.1			
>= 22000.0	.3		.2	.5	.7	.9	1.3	.2					
>= 29000.0	.1				.6	.7	.5	.2					
>= 37000.0							.2						

STATION 03404000 CUMBERLAND RIVER AT WILLIAMSBURG, KY. 1951-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 6	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 8	99.9	99.3	100	100	100	100	100	100	100	100	100	100	100
>= 10	99.9	98.3	100	100	100	100	100	100	100	100	100	100	100
>= 14	99.6	96.8	100	100	100	100	100	100	100	100	100	100	99.0
>= 18	99.5	96.4	100	100	100	100	100	100	100	100	100	100	97.6
>= 24	99.4	96.4	99.6	100	100	100	100	100	100	100	100	100	96.2
>= 31	98.9	95.2	97.3	100	100	100	100	100	100	100	100	100	94.2
>= 41	98.3	92.9	96.1	100	100	100	100	100	100	100	100	99.2	91.5
>= 53	97.6	90.1	94.3	100	100	100	100	100	100	100	99.9	97.7	89.0
>= 70	96.4	85.7	93.1	99.5	100	100	100	100	100	100	99.5	95.5	83.6
>= 92	94.5	78.5	89.0	99.2	100	100	100	100	100	100	98.6	92.7	76.2
>= 120	91.7	71.4	85.2	96.9	99.7	100	100	100	100	100	96.9	86.9	64.2
>= 160	87.6	61.2	79.6	96.3	98.5	99.9	100	100	100	99.8	89.1	77.4	50.1
>= 210	83.8	52.5	76.3	94.4	97.8	99.7	100	100	100	96.7	79.4	66.7	42.6
>= 270	79.8	46.4	71.5	91.0	96.1	99.6	100	100	99.9	90.8	68.4	58.6	36.0
>= 360	74.2	36.8	64.6	86.3	94.5	99.6	100	100	98.3	83.1	54.7	47.9	26.7
>= 470	68.5	30.4	57.6	82.4	93.3	99.5	100	99.2	91.2	70.8	43.4	36.8	19.8
>= 610	62.8	23.3	51.0	77.9	92.7	97.9	99.8	96.9	83.9	57.1	35.0	27.1	13.6
>= 800	56.8	16.8	42.7	71.2	90.4	95.6	98.3	95.1	73.8	43.6	27.8	19.7	9.4
>= 1100	50.9	12.6	35.8	64.2	88.0	93.6	97.2	90.8	61.6	29.3	20.4	14.2	5.1
>= 1400	45.4	9.8	28.1	56.8	81.9	88.4	95.2	83.5	52.8	21.7	15.6	10.9	2.6
>= 1800	39.4	6.5	23.3	50.2	71.4	81.3	89.5	73.7	42.1	15.7	11.9	7.5	1.8
>= 2400	31.1	4.5	17.7	40.6	56.0	66.2	77.2	58.3	29.0	10.6	8.3	5.4	.8
>= 3100	24.1	2.9	13.4	32.4	44.4	52.3	64.4	44.1	19.5	7.0	6.5	3.6	.4
>= 4100	17.9	2.0	9.8	24.7	35.0	38.9	48.0	33.0	13.2	5.0	4.8	1.8	.2
>= 5300	13.3	1.4	7.7	18.6	27.7	28.4	34.6	24.4	9.6	3.0	4.0	1.2	
>= 7000	9.6	.8	5.1	14.9	20.1	20.4	25.0	17.0	7.6	2.2	2.7	.5	
>= 9200	7.3	.6	3.6	12.2	16.2	14.0	19.3	12.9	5.6	1.7	1.3		
>= 12000	5.1	.1	2.8	8.4	10.4	9.4	14.9	8.9	4.4	1.1	.6		
>= 16000	3.0		1.5	4.9	5.2	5.9	10.0	4.4	2.8	.5	.4		
>= 21000	1.3		.7	1.8	1.9	2.4	6.3	1.6	1.3				
>= 27000	.5		.4	.4	.9	1.2	2.3	.5	.2				
>= 36000	.1		.2		.4	.5	.4	.4					
>= 47000						.1							

STATION 03404500 CUMBERLAND RIVER AT CUMBERLAND FALLS, KY. 1915-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 4	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 5	100	100	100	100	100	100	100	100	100	100	100	100	99.9
>= 7	100	99.6	100	100	100	100	100	100	100	100	100	100	99.8
>= 9	99.9	99.4	100	100	100	100	100	100	100	100	100	100	99.8
>= 13	99.9	98.8	99.9	100	100	100	100	100	100	100	100	100	99.5
>= 17	99.7	98.2	99.9	100	100	100	100	100	100	100	100	99.7	98.7
>= 23	99.3	96.2	99.3	100	100	100	100	100	100	100	100	99.1	97.1
>= 30	99.0	94.6	98.8	100	100	100	100	100	100	99.9	99.8	98.7	95.8
>= 41	98.1	90.5	96.3	100	100	100	100	100	100	99.7	99.1	97.8	93.5
>= 54	96.8	83.7	93.7	99.4	100	100	100	100	100	99.7	98.6	96.5	90.5
>= 72	95.3	76.8	91.0	98.7	100	100	100	100	100	99.2	97.5	94.9	85.7
>= 97	93.3	68.6	88.4	98.4	100	100	100	100	100	98.6	95.5	92.1	78.5
>= 130	90.8	60.9	83.1	97.2	99.7	100	100	100	99.6	97.6	93.4	88.2	70.2
>= 170	87.7	53.9	77.6	95.5	99.0	99.9	100	100	99.4	95.9	89.6	83.3	58.9
>= 230	83.7	46.7	70.5	93.0	98.3	99.6	100	100	99.1	92.6	82.5	74.5	47.9
>= 310	79.2	40.3	65.7	90.0	97.0	98.3	100	100	98.3	86.7	73.4	64.1	37.4
>= 410	74.4	32.8	59.7	85.8	95.8	96.8	99.9	100	96.7	79.5	63.8	54.1	28.9
>= 550	68.8	26.0	51.4	80.4	93.9	96.4	99.8	99.5	93.0	70.8	52.9	42.7	21.1
>= 740	62.8	18.8	43.9	75.0	92.1	95.3	99.6	97.4	85.3	57.8	43.6	31.6	15.4
>= 980	56.9	14.4	37.3	68.0	89.1	93.9	98.3	95.2	76.2	44.0	34.8	23.4	10.6
>= 1300	51.0	11.2	31.5	59.1	85.0	90.6	97.0	91.4	65.3	33.5	26.2	17.6	7.2
>= 1800	43.4	7.3	22.4	48.8	75.7	83.7	92.0	81.5	51.6	24.3	19.5	12.8	4.1
>= 2300	37.2	5.5	18.4	41.4	65.9	75.8	84.5	70.2	41.3	18.5	15.5	10.1	2.9
>= 3100	28.4	3.9	13.7	31.7	52.7	60.5	69.3	52.5	28.1	11.8	11.3	6.7	1.9
>= 4200	20.8	2.2	9.8	23.3	40.5	46.8	54.1	36.4	18.2	7.3	8.0	3.8	1.3
>= 5600	15.3	1.8	7.2	17.2	31.7	34.9	40.3	26.4	12.7	5.2	5.1	2.6	.7
>= 7500	10.8	.9	5.1	12.1	23.7	25.0	28.7	18.2	9.3	3.1	3.0	1.5	.1
>= 10000	7.6	.5	3.6	9.0	17.8	17.3	20.9	12.6	6.2	1.9	1.7	.4	
>= 13000	5.3	.2	2.4	6.6	13.2	12.2	15.3	8.1	4.1	1.0	.8	.1	
>= 18000	2.9		1.3	3.5	7.0	6.8	9.5	4.1	2.2	.4	.3		
>= 24000	1.2		.6	1.6	3.2	3.2	4.8	1.2	.5		.1		
>= 32000	.4		.2	.8	1.3	1.3	1.6	.2	.1				
>= 43000	.1			.1	.5	.3	.4	.1					

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .06	95.2	100	100	100	100	100	100	100	100	96.0	92.3	85.2	72.6
>= .09	95.1	100	100	100	100	100	100	100	100	96.0	92.3	84.5	72.6
>= .10	95.1	100	100	100	100	100	100	100	100	96.0	92.3	84.5	72.6
>= .20	95.0	100	100	100	100	100	100	100	100	96.0	92.3	82.6	72.6
>= .30	94.9	100	100	100	100	100	100	100	100	96.0	92.3	81.3	72.6
>= .40	94.8	100	100	100	100	100	100	100	100	96.0	92.3	81.3	72.6
>= .60	94.6	100	100	100	100	100	100	100	100	96.0	91.6	80.6	72.0
>= .80	94.5	100	100	100	100	100	100	100	100	95.3	90.3	80.0	72.0
>= 1.20	94.0	100	100	100	100	100	100	100	100	94.7	90.3	78.1	70.9
>= 1.70	93.5	100	100	100	100	100	100	100	100	94.0	88.4	76.1	69.7
>= 2.40	93.0	100	100	100	100	100	100	100	100	94.0	86.5	74.2	68.6
>= 3.40	92.7	100	100	100	100	100	100	100	100	94.0	83.9	73.2	67.4
>= 4.80	91.1	100	100	100	100	100	100	100	100	94.0	81.3	66.2	64.0
>= 6.90	89.0	100	100	100	100	100	100	100	100	93.3	74.2	57.4	58.9
>= 9.80	86.4	99.4	100	100	100	100	100	100	100	88.7	63.9	51.6	54.3
>= 14.00	83.3	93.5	100	100	100	100	100	100	98.1	80.7	49.0	43.9	48.6
>= 20.00	79.3	80.6	100	100	100	100	100	99.3	91.6	70.7	41.3	40.0	41.1
>= 28.00	73.4	67.7	94.0	100	100	100	100	96.7	81.3	57.3	35.5	31.6	32.6
>= 40.00	67.7	53.5	84.7	98.7	100	98.6	100	94.7	74.8	44.7	28.4	24.5	24.0
>= 58.00	60.8	44.5	74.0	91.6	99.4	95.0	100	85.3	65.8	34.0	23.9	15.5	15.4
>= 82.00	54.5	34.8	60.0	81.3	97.4	91.5	100	78.7	55.5	25.3	18.7	11.0	11.4
>= 120.00	45.8	26.5	48.7	71.0	87.7	83.0	91.6	63.3	40.6	18.7	15.5	9.0	7.4
>= 170.00	36.6	17.4	40.0	52.9	78.7	68.8	78.1	50.0	31.6	12.7	9.7	6.5	4.0
>= 240.00	27.8	14.1	34.6	34.8	65.1	48.9	63.8	34.6	20.0	9.3	5.8	6.4	2.8
>= 340.00	19.9	9.6	26.6	24.5	47.0	27.6	49.0	26.0	14.8	8.0	4.5	4.5	2.2
>= 480.00	14.3	7.7	18.0	17.4	34.1	16.3	37.4	18.6	8.3	8.0	2.5	3.2	1.7
>= 680.00	9.5	5.8	15.3	10.9	22.5	12.0	23.8	13.3	5.1	3.3	2.5	2.5	.5
>= 970.00	5.1	1.9	8.0	5.8	11.6	6.3	16.1	8.0	1.9	2.6	.6	.6	
>= 1400.00	3.0	1.9	4.0	1.9	8.3	2.1	10.3	4.6	.6	2.0		.6	
>= 2000.00	1.6	1.2	2.6	.6	3.8	.7	5.1	3.3	.6	1.3			
>= 2800.00	.8	1.2	2.0		1.9		3.2	1.3		.6			
>= 4000.00	.3	.6	.6		.6		1.2	.6					
>= 5700.00	.2	.6			.6		1.2	.6					
>= 8100.00	.1						1.2						

STATION 03404900 LYNN CAMP CREEK AT CORBIN, KY. 1974-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 0.5	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 0.7	99.7	100	100	100	100	100	100	100	100	100	100	96.8	100
>= 0.9	99.2	100	100	100	100	100	100	100	100	100	99.4	93.5	98.1
>= 1.2	98.5	100	100	100	100	100	100	100	100	100	96.8	92.3	93.5
>= 1.5	97.2	100	100	100	100	100	100	100	100	99.3	87.7	87.1	92.9
>= 2.0	95.7	100	100	100	100	100	100	100	100	96.0	80.0	81.9	90.3
>= 2.5	93.7	100	100	100	100	100	100	100	100	94.0	72.3	75.5	83.1
>= 3.3	90.9	100	100	100	100	100	100	100	100	90.0	60.6	69.0	71.4
>= 4.2	88.9	100	100	100	100	100	100	100	100	86.0	51.0	65.8	64.3
>= 5.5	86.4	96.1	100	100	100	100	100	100	99.4	81.3	44.5	58.7	56.5
>= 7.1	83.2	87.1	98.0	100	100	100	100	100	96.8	75.3	40.6	48.4	51.9
>= 9.1	79.6	77.4	95.3	100	100	100	100	98.7	90.3	68.7	36.8	42.6	46.1
>= 12.0	75.3	65.8	88.7	100	100	100	100	96.8	84.5	57.3	31.0	38.1	41.6
>= 15.0	72.2	60.0	85.3	100	100	100	100	95.6	77.4	48.7	28.4	34.2	37.0
>= 20.0	67.1	48.4	78.0	99.4	100	96.5	100	90.5	72.3	37.3	25.8	27.7	29.2
>= 25.0	62.9	39.4	70.0	96.8	99.4	96.5	100	84.8	67.1	29.3	23.2	21.3	26.0
>= 33.0	57.9	32.9	62.0	91.0	97.4	94.3	100	79.1	56.1	24.0	18.7	16.8	22.1
>= 42.0	50.2	26.5	50.7	74.2	93.5	94.3	92.7	64.6	43.9	18.0	15.5	12.9	16.2
>= 54.0	42.4	18.7	44.0	60.0	85.8	86.5	79.3	53.8	34.2	12.7	12.9	9.7	12.3
>= 70.0	33.5	14.2	35.3	42.6	76.1	63.8	64.0	42.4	25.2	10.7	11.0	7.1	9.1
>= 91.0	26.7	12.3	30.0	32.9	67.7	45.4	53.7	33.5	16.8	8.7	7.7	3.9	7.1
>= 120.0	20.2	9.7	24.7	22.6	49.0	31.2	42.7	25.3	13.5	7.3	7.1	3.2	5.8
>= 150.0	15.5	7.7	17.3	18.7	38.7	22.0	33.5	20.3	9.7	5.3	5.2	1.9	4.5
>= 190.0	11.9	6.4	16.0	14.1	30.3	15.6	24.3	17.0	6.4	4.6	3.2	1.2	3.2
>= 250.0	8.3	4.5	11.3	9.0	21.2	10.6	17.0	11.3	5.8	4.0	2.5	.6	1.9
>= 320.0	6.2	1.9	9.3	6.4	16.7	8.5	12.1	8.8	3.2	3.3	2.5		1.2
>= 420.0	4.3	1.9	8.0	4.5	8.3	6.3	9.1	7.5	2.5	2.0	1.2		.6
>= 540.0	2.8	.6	6.0	3.2	6.4	3.5	5.4	4.4	1.9	2.0	.6		
>= 700.0	1.7	.6	4.0	1.9	4.5	.7	4.2	2.5	1.2	.6	.6		
>= 900.0	1.2		3.3	1.2	2.5	.7	3.6	2.5		.6			
>= 1200.0	.5		1.3		1.2		1.2	2.5					
>= 1500.0	.5		1.3		1.2		1.2	2.5					
>= 1900.0	.2		.6		.6		1.2	.6					
>= 2500.0	.1		.6				.6						

STATION 03405000 LAUREL RIVER AT CORBIN, KY. 1923-1974

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .10	100	99.8	99.9	100	100	100	100	100	100	100	100	100	99.8
>= .20	99.9	99.8	99.7	100	100	100	100	100	100	100	100	100	99.8
>= .30	99.9	99.7	99.6	100	100	100	100	100	100	100	100	100	99.6
>= .40	99.9	99.4	99.6	100	100	100	100	100	100	100	100	100	99.6
>= .60	99.8	99.1	99.6	100	100	100	100	100	100	100	100	100	98.8
>= .90	99.6	98.2	99.5	100	100	100	100	100	100	100	99.2	100	98.4
>= 1.20	98.7	95.3	99.2	100	100	100	100	100	100	100	96.7	98.3	95.3
>= 1.70	95.8	83.9	96.8	100	100	100	100	100	100	99.6	93.1	93.0	83.9
>= 2.50	90.7	66.2	87.5	96.8	99.1	100	100	100	100	98.0	86.9	84.7	70.4
>= 3.60	86.6	57.8	79.0	92.5	99.0	100	100	100	100	94.8	81.4	76.6	59.4
>= 5.10	83.2	49.9	73.5	89.7	98.9	100	100	100	100	90.4	76.2	70.9	50.3
>= 7.30	80.1	45.3	69.0	88.9	98.8	100	100	100	99.1	86.0	71.0	63.5	41.3
>= 10.00	77.5	40.3	67.2	87.7	98.0	100	100	100	98.5	81.1	66.5	57.8	34.4
>= 15.00	73.8	33.1	62.0	86.5	96.7	100	100	100	96.2	73.1	61.3	49.7	28.3
>= 21.00	70.0	26.4	57.9	84.8	96.1	100	100	99.6	92.1	65.7	56.3	40.7	22.5
>= 30.00	66.2	20.4	51.8	81.8	94.8	99.9	100	99.4	87.2	57.6	51.5	33.2	19.1
>= 44.00	61.9	15.2	46.1	79.4	93.6	99.5	100	98.2	79.8	48.0	44.0	26.8	14.6
>= 62.00	57.3	10.6	40.2	75.5	92.9	98.0	99.5	94.9	70.2	39.7	36.2	21.0	11.5
>= 89.00	52.4	7.4	35.2	68.7	91.6	95.3	98.0	90.2	59.1	32.0	29.5	15.6	8.9
>= 130.00	46.4	4.4	29.9	60.6	83.7	90.4	95.6	80.1	47.0	26.1	22.3	11.6	7.4
>= 180.00	40.2	3.0	23.8	53.5	74.1	82.5	89.5	67.9	36.9	21.1	17.3	8.6	6.4
>= 260.00	32.0	1.8	16.3	44.7	59.0	70.1	75.6	50.9	27.9	16.6	13.6	6.1	4.1
>= 370.00	24.1	1.1	11.6	34.8	44.5	56.8	58.2	37.6	19.6	11.2	9.5	3.9	2.5
>= 530.00	16.9	1.0	8.1	25.2	32.4	40.1	40.4	24.6	14.0	7.4	6.9	2.5	1.7
>= 760.00	11.3	.5	6.0	18.0	23.0	26.1	26.9	16.1	9.2	4.7	4.2	.9	1.0
>= 1100.00	7.5	.4	3.7	12.5	15.5	17.2	17.4	10.8	6.4	3.2	2.6	.4	.6
>= 1600.00	4.5	.4	1.7	7.3	10.2	10.5	10.8	6.1	3.8	1.5	1.2	.2	.4
>= 2200.00	2.6	.2	.8	3.8	5.9	6.6	6.5	3.7	1.8	.7	.8		.1
>= 3200.00	1.0	.1	.1	1.9	2.0	3.3	2.4	1.4	1.0	.3			.1
>= 4500.00	.4		.1	.7	1.0	1.7	.9	.2	.1	.3			
>= 6500.00	.1			.1	.4	.7	.3						
>= 9300.00					.3	.3							
>= 13000.00					.1								

STATION 03406000 WOOD CREEK NEAR LONDON, KY. 1953-1971

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .30	99.1	98.6	96.9	96.6	98.6	100	100	100	100	100	100	100	99.3
>= .40	94.1	79.4	80.4	90.1	97.1	100	100	100	100	100	100	98.6	83.3
>= .50	85.5	51.3	69.6	84.2	94.8	100	100	100	100	98.5	91.6	78.3	58.5
>= .60	79.9	43.0	58.9	78.5	92.1	99.6	100	100	100	93.5	79.4	66.1	48.5
>= .70	76.0	37.1	53.5	76.2	90.5	99.4	100	100	100	87.2	69.2	59.1	41.3
>= .90	70.2	26.9	45.4	74.4	89.8	99.0	100	100	99.1	74.6	54.1	50.7	30.4
>= 1.10	65.8	20.8	41.1	72.4	89.1	99.0	100	100	95.2	62.6	48.0	40.9	22.4
>= 1.30	62.0	17.6	37.2	69.2	87.8	98.8	100	99.1	88.5	52.4	43.4	34.1	18.0
>= 1.60	56.7	12.9	31.1	63.6	86.9	97.6	100	97.2	75.8	40.2	37.1	25.1	14.8
>= 2.00	52.1	8.2	26.9	58.2	84.8	94.1	97.8	93.0	65.8	33.0	32.4	21.1	12.2
>= 2.40	47.8	6.8	25.0	55.0	81.2	90.6	95.9	88.9	56.3	25.0	25.8	15.9	10.0
>= 3.00	42.9	4.1	19.8	49.5	75.1	86.8	91.8	80.9	47.3	19.8	21.9	12.4	8.0
>= 3.70	37.5	3.4	14.8	43.7	65.5	80.3	85.8	70.9	37.8	15.9	18.5	9.3	5.6
>= 4.60	30.9	2.2	10.7	37.1	53.2	70.1	75.1	58.3	28.5	11.9	15.1	6.8	4.3
>= 5.60	25.6	1.8	8.7	30.8	40.3	61.4	63.8	48.5	23.5	9.1	11.8	5.4	3.9
>= 6.90	20.4	1.3	5.6	25.3	31.2	50.4	53.0	39.4	17.7	7.0	9.3	4.3	2.2
>= 8.50	15.1	1.1	4.1	18.6	22.6	37.4	41.4	29.4	14.7	5.4	7.7	3.2	2.2
>= 10.00	12.7	.9	2.8	15.9	17.4	30.3	35.1	24.3	12.5	4.1	6.8	2.2	1.7
>= 13.00	9.4	.5	1.7	11.6	12.5	19.9	27.2	18.3	10.4	3.1	5.2	1.8	.7
>= 16.00	7.0	.2	1.1	9.5	8.8	15.2	19.7	14.3	7.9	2.8	3.4	1.3	.6
>= 20.00	4.9	.2	.7	6.3	5.6	11.2	14.5	9.4	5.6	2.0	2.7	1.1	.2
>= 24.00	3.6	.1	.7	4.6	4.3	8.8	10.9	6.4	4.4	1.4	1.6	.7	
>= 30.00	2.6	.1	.5	3.2	3.0	6.2	8.0	5.0	3.5	1.2	.5	.5	
>= 37.00	1.8	.1	.3	1.9	2.5	4.5	5.1	3.5	2.3	.9	.3		
>= 45.00	1.3	.1	.3	1.7	1.2	3.1	4.3	2.4	1.6	.7			
>= 56.00	.8		.1	1.0	1.2	2.7	3.0	1.4	.8	.1			
>= 68.00	.6		.1	.8	.5	1.7	1.9	.9	.8	.1			
>= 84.00	.3			.1	.3	1.3	1.4	.5	.5	.1			
>= 100.00	.2			.1	.3	.7	.7	.3	.1	.1			
>= 130.00	.1			.1	.3	.3		.1		.1			
>= 160.00					.1	.1		.1		.1			
>= 190.00						.1				.1			

STATION 03406500 ROCKCASTLE RIVER AT BILLOWS, KY. 1936-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 0.8	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 1.2	100	100	100	100	100	100	100	100	100	100	100	100	99.7
>= 1.7	99.9	99.8	100	100	100	100	100	100	100	100	100	100	99.2
>= 2.4	99.8	98.8	100	100	100	100	100	100	100	100	100	100	98.4
>= 3.3	99.6	97.8	100	100	100	100	100	100	100	100	100	100	97.0
>= 4.5	99.2	96.9	100	99.8	100	100	100	100	100	100	100	99.5	94.6
>= 6.2	98.7	95.2	99.4	99.4	100	100	100	100	100	100	99.3	99.0	92.2
>= 8.6	97.8	90.5	99.1	99.3	100	100	100	100	100	100	98.9	97.4	87.9
>= 12.0	95.9	80.0	97.0	99.1	100	100	100	100	100	100	98.3	94.7	81.7
>= 16.0	93.8	73.7	94.0	98.8	99.6	100	100	100	99.9	99.8	95.3	90.9	73.6
>= 23.0	90.3	64.7	87.9	97.2	99.3	100	100	100	99.6	98.3	90.7	83.5	63.1
>= 31.0	86.6	54.7	83.2	95.2	99.3	99.9	100	100	99.5	96.7	84.9	75.8	51.2
>= 43.0	82.5	45.6	76.9	93.0	97.9	99.9	100	100	99.2	92.4	78.3	66.4	41.5
>= 60.0	77.6	37.6	68.2	88.2	97.2	99.7	100	100	99.1	85.3	69.1	55.4	33.2
>= 83.0	73.2	30.3	60.2	86.3	96.3	99.6	100	100	97.8	76.7	59.2	46.5	27.5
>= 110.0	68.8	23.8	53.0	83.3	94.7	99.0	99.8	100	94.4	65.6	52.2	38.9	22.9
>= 160.0	62.2	17.4	44.0	76.3	93.9	97.0	99.3	98.8	84.6	50.0	42.3	27.3	17.1
>= 220.0	56.6	12.4	37.4	69.2	92.3	94.8	98.5	96.0	73.6	39.8	34.7	20.2	12.9
>= 300.0	51.2	8.2	32.5	62.8	86.3	90.9	97.1	90.1	64.1	30.3	28.6	15.3	9.9
>= 420.0	44.0	5.4	26.1	55.1	74.8	84.9	92.6	79.6	50.1	22.3	21.7	11.1	6.7
>= 580.0	36.6	3.8	20.2	45.5	63.7	75.6	82.5	65.5	37.9	17.1	17.1	7.9	5.1
>= 800.0	29.3	2.7	15.4	36.2	52.3	65.0	68.9	51.1	27.1	13.1	12.9	5.6	3.2
>= 1100.0	22.5	2.2	10.6	27.5	41.2	50.1	55.5	39.3	20.0	9.1	9.3	4.0	2.4
>= 1500.0	16.1	1.3	7.7	20.1	30.7	36.5	40.0	27.8	13.4	6.1	6.1	2.7	1.5
>= 2100.0	10.2	.7	4.6	13.8	20.5	22.0	26.0	17.3	7.9	3.6	3.6	1.7	.9
>= 2900.0	6.4	.4	3.2	8.5	13.5	13.4	17.5	10.0	4.8	2.3	2.3	.8	.5
>= 4000.0	4.1	.3	2.0	5.0	8.7	8.8	11.1	6.2	2.9	1.6	1.2	.6	.4
>= 5600.0	2.5	.2	1.2	2.9	6.3	5.9	6.8	3.6	2.0	1.1	.3	.2	
>= 7700.0	1.5	.2	.7	1.9	4.0	3.8	4.0	2.4	.6	.6	.3	.1	
>= 11000.0	.8	.1	.1	1.2	2.2	2.1	2.3	1.2	.3	.3			
>= 15000.0	.4	.1	.1	.6	1.1	1.1	.9	.6		.3			
>= 20000.0	.1			.2	.3	.5	.4	.1		.2			
>= 28000.0						.2	.2						
>= 39000.0													

STATION 03407000 ROCKCASTLE RIVER AT ROCKCASTLE SPRINGS, KY. 1922-1931

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 1.0	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 1.4	99.8	100	100	100	100	100	100	100	100	100	100	98.9	98.9
>= 1.9	99.5	100	100	100	100	100	100	100	100	100	100	96.8	97.0
>= 2.5	99.4	100	100	100	100	100	100	100	100	100	100	96.4	96.3
>= 3.5	99.2	100	100	100	100	100	100	100	100	100	100	95.7	94.8
>= 4.7	98.7	97.1	100	100	100	100	100	100	100	100	99.3	95.0	93.0
>= 6.4	98.1	94.3	100	100	100	100	100	100	100	100	97.8	92.5	91.9
>= 8.8	97.7	93.2	100	100	100	100	100	100	100	100	97.5	92.1	89.6
>= 12.0	97.0	90.3	100	100	100	100	100	100	100	100	96.8	91.0	85.6
>= 16.0	95.8	84.9	100	100	100	100	100	100	100	100	95.7	88.9	78.9
>= 22.0	93.2	75.3	93.0	100	100	100	100	100	100	100	91.4	84.6	70.4
>= 30.0	89.4	62.7	85.2	98.2	100	100	100	100	100	99.3	83.9	74.9	61.1
>= 41.0	85.8	53.0	80.7	94.3	100	100	100	100	100	97.4	68.5	67.7	53.3
>= 56.0	80.6	40.5	71.9	92.1	99.6	98.4	100	100	100	93.3	57.0	60.9	43.3
>= 77.0	76.1	32.6	67.0	90.0	98.2	96.9	100	100	100	87.4	47.0	49.5	35.9
>= 100.0	71.6	29.4	56.3	88.2	97.1	96.9	100	100	100	77.8	40.1	40.1	27.8
>= 140.0	67.4	24.0	51.5	85.7	93.5	96.5	100	100	100	67.0	34.1	29.4	22.2
>= 190.0	63.1	18.6	49.6	83.5	88.2	96.5	100	98.1	95.0	59.3	30.5	20.1	16.7
>= 260.0	59.1	14.7	46.3	79.6	84.2	96.1	100	95.9	90.3	49.3	23.3	13.6	11.1
>= 360.0	54.0	12.2	40.7	67.0	82.1	95.3	97.5	93.3	83.5	39.6	17.9	7.9	8.1
>= 490.0	48.4	9.0	33.7	56.6	76.3	91.7	92.1	87.8	73.1	34.1	14.3	5.0	6.3
>= 670.0	40.8	7.2	26.3	48.4	67.7	81.1	85.3	68.5	58.4	26.7	11.1	3.6	4.8
>= 920.0	30.5	5.0	19.3	35.8	50.5	63.4	64.5	48.9	44.8	20.0	8.2	1.8	2.6
>= 1200.0	23.3	3.9	16.2	27.9	40.5	46.4	46.5	38.8	32.9	15.5	5.3	1.7	1.8
>= 1700.0	15.5	3.5	11.1	20.4	28.6	24.8	32.2	27.7	20.0	11.4	2.5	.3	1.1
>= 2300.0	10.4	1.4	8.8	15.0	21.1	15.7	20.7	17.4	14.3	8.1	1.7		.7
>= 3200.0	6.6		5.5	10.0	14.3	11.0	13.2	8.5	10.0	5.1	.3		
>= 4300.0	4.6		2.9	7.8	12.1	7.4	8.9	5.9	6.4	3.7	.3		
>= 5900.0	3.1		2.5	6.0	7.5	5.9	6.8	2.2	3.9	2.2			
>= 8000.0	1.8		2.2	4.3	5.0	3.5	3.2	.7	2.1	1.4			
>= 11000.0	1.0		.3	2.8	2.1	2.7	1.7	.3	1.0	1.1			
>= 15000.0	.6		.3	1.7	1.4	1.5	1.4		.3	.3			
>= 20000.0	.3			1.0	1.0	1.1	.7						
>= 28000.0							.3						

STATION 03407100 CANE BRANCH NEAR PARKERS LAKE, KY. 1956-1975

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 0.01	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 0.02	99.6	100	100	100	100	100	100	100	100	100	100	98.0	97.9
>= 0.03	98.5	99.4	100	98.2	100	100	100	100	100	100	99.3	95.0	91.3
>= 0.04	96.9	95.3	98.6	97.4	100	100	100	100	100	100	97.3	88.6	87.4
>= 0.05	89.9	84.8	83.0	94.1	99.7	100	100	100	100	94.1	79.9	73.7	72.3
>= 0.07	84.0	76.8	79.7	85.9	98.2	100	100	100	98.8	84.9	68.5	58.1	62.8
>= 0.10	72.1	44.6	62.4	79.2	92.4	99.4	100	99.7	92.8	72.3	57.1	36.5	34.9
>= 0.20	52.1	14.4	33.9	61.9	86.5	97.1	98.9	92.5	60.5	36.4	25.3	11.2	17.4
>= 0.30	44.9	8.8	24.2	57.8	75.4	92.0	95.7	87.2	44.4	25.1	19.6	8.2	11.8
>= 0.40	39.4	5.6	19.1	46.9	68.0	86.4	93.3	82.8	33.5	18.5	14.4	6.7	9.0
>= 0.50	35.7	4.1	16.4	42.5	61.5	82.0	88.4	77.5	28.3	14.4	11.7	4.7	7.4
>= 0.60	32.5	3.8	14.2	37.5	56.3	77.3	85.2	70.3	24.3	11.5	9.7	3.7	6.7
>= 0.80	26.6	2.1	11.5	31.7	46.9	64.3	73.7	58.6	18.1	7.9	6.2	1.7	5.4
>= 1.00	22.1	1.5	9.1	24.9	39.0	57.2	65.1	44.4	14.6	6.2	5.5	1.7	3.8
>= 1.30	18.3	.6	7.3	20.2	32.3	49.6	54.0	37.5	10.9	4.9	4.5	1.2	2.8
>= 1.70	13.7		5.8	13.5	25.5	36.9	40.1	28.6	7.2	4.4	4.0	.7	2.3
>= 2.30	9.2		4.5	9.7	16.4	25.1	26.3	19.7	5.5	2.8	2.7		1.3
>= 2.90	6.5		3.3	7.9	12.6	16.8	17.7	14.4	3.5	1.8	1.7		1.0
>= 3.80	4.6		2.4	6.2	8.8	10.9	12.6	9.2	3.5	1.5	1.2		
>= 4.90	3.2		1.8	4.4	5.3	9.1	8.6	5.8	2.5	1.3	.7		
>= 6.30	2.1		1.8	3.2	3.8	5.0	5.1	4.4	1.5	1.3	.2		
>= 8.20	1.6		1.2	2.1	3.2	3.5	3.8	3.1	1.5	.8	.2		
>= 11.00	1.1		1.2	1.2	2.3	2.4	3.0	1.9	1.2	.5	.2		
>= 14.00	.8		.9	.5	1.1	1.7	2.4	1.9	.7	.2	.2		
>= 18.00	.5		.6	.5	.5	1.4	1.3	1.6	.2		.2		
>= 23.00	.2		.6		.2	1.1	.5				.2		
>= 30.00					.2	.2	.2						
>= 39.00					.2	.2							
>= 50.00					.2	.2							

STATION 03407300 FELTON BRANCH AT GREENWOOD, KY. 1956-1974

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 0.05	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 0.07	99.9	100	100	99.3	100	100	100	100	100	100	100	100	100
>= 0.09	99.7	97.5	100	98.7	100	100	100	100	100	100	100	100	99.6
>= 0.10	99.1	96.6	100	98.6	100	100	100	100	100	100	100	99.2	94.6
>= 0.20	77.2	59.3	74.8	79.6	91.9	100	100	100	91.7	76.8	63.3	44.1	45.8
>= 0.30	59.3	24.2	48.0	72.8	89.3	99.4	100	96.8	76.4	43.0	26.5	15.1	20.7
>= 0.40	51.6	10.9	35.0	60.9	84.4	98.3	98.0	94.0	63.8	32.8	19.0	9.3	12.8
>= 0.50	46.8	6.6	30.2	55.9	78.9	94.8	95.8	90.0	53.1	25.1	14.3	7.6	9.6
>= 0.60	42.6	4.5	25.7	52.0	73.2	89.8	91.7	83.5	43.8	21.8	12.1	6.5	7.5
>= 0.70	38.5	3.4	20.7	47.5	66.0	84.5	86.1	77.4	37.7	18.2	9.2	5.6	6.7
>= 0.90	32.1	2.5	15.7	39.8	53.8	74.9	75.4	64.2	31.1	13.3	7.3	3.9	4.6
>= 1.10	28.0	1.6	13.3	33.0	47.5	66.1	69.1	55.8	26.0	10.7	6.3	3.2	3.9
>= 1.30	24.3	1.4	11.7	28.1	41.6	59.4	61.6	47.2	21.2	8.8	5.4	2.5	3.0
>= 1.60	20.1	1.1	8.7	23.8	33.8	50.5	51.6	39.3	16.8	7.0	4.8	1.9	2.1
>= 2.00	14.9	.9	5.2	18.5	24.1	38.4	39.6	30.2	11.7	4.2	3.9	1.0	1.2
>= 2.40	11.9	.9	4.3	14.9	18.3	31.1	30.7	24.0	9.8	3.7	3.2	.8	.9
>= 3.00	8.3	.5	2.6	11.5	13.9	21.0	21.2	16.8	7.1	1.9	2.4	.8	.4
>= 3.70	6.2	.4	2.0	8.8	11.2	14.0	15.8	12.3	5.1	1.8	2.0	.5	.2
>= 4.50	4.8	.2	1.7	7.3	9.0	9.9	11.9	9.3	3.9	1.6	1.9	.3	.2
>= 5.50	3.8	.2	1.5	6.3	6.8	6.9	9.3	7.9	3.6	1.1	1.7	.3	.2
>= 6.80	2.1		1.1	5.2	5.1	5.6	6.3	5.1	2.4	.9	1.2	.2	
>= 8.30	2.0		1.1	3.6	3.7	4.8	4.4	3.7	1.7	.7	.7	.2	
>= 10.00	1.7		1.1	3.4	3.4	3.2	3.7	2.6	1.5	.5	.7	.2	
>= 13.00	1.1		.7	1.7	2.3	2.4	2.7	1.5	1.1	.3	.5	.1	
>= 15.00	.9		.5	1.4	1.6	2.2	2.3	1.2	.8	.1	.3	.1	
>= 19.00	.5		.3	.8	1.1	1.4	1.6	.7	.3			.1	
>= 23.00	.3		.1	.5	1.0	1.1	1.3	.1	.3				
>= 29.00	.1		.1	.1	.3	.3	.1						
>= 35.00			.1	.1	.1	.3							
>= 43.00				.1	.1	.1							
>= 53.00					.1	.1							

STATION 03407500 BUCK CREEK NEAR SHOPVILLE, KY. 1953-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 0.02	97.3	92.7	96.2	99.6	100	100	100	100	100	100	99.5	96.4	83.1
>= 0.04	97.3	92.7	96.2	99.6	100	100	100	100	100	100	99.5	96.4	82.9
>= 0.06	97.3	92.7	96.2	99.6	100	100	100	100	100	100	99.5	96.4	82.9
>= 0.09	97.2	92.4	96.2	99.6	100	100	100	100	100	100	99.5	96.3	82.7
>= 0.10	97.2	92.4	96.2	99.6	100	100	100	100	100	100	99.5	96.2	82.4
>= 0.20	95.9	86.1	94.0	99.4	100	100	100	100	100	100	99.0	93.4	78.3
>= 0.30	95.1	83.3	92.9	99.3	100	100	100	100	100	100	98.9	92.3	74.9
>= 0.40	94.4	81.6	92.4	98.0	99.9	100	100	100	100	100	98.3	90.2	72.9
>= 0.60	92.9	76.3	89.6	96.5	98.9	100	100	100	100	100	96.5	87.5	69.5
>= 0.90	91.2	70.1	86.5	96.0	98.9	100	100	100	100	99.7	94.0	84.9	64.4
>= 1.40	89.3	64.3	82.3	95.4	98.9	100	100	100	100	99.5	91.9	81.6	57.7
>= 2.00	87.9	60.4	79.2	94.9	98.9	100	100	100	100	99.4	89.8	79.2	53.5
>= 3.00	86.2	56.0	75.9	94.5	98.9	100	100	100	100	97.7	87.5	75.6	49.1
>= 4.40	84.4	51.6	73.2	94.3	98.9	100	100	100	100	95.9	83.7	72.0	43.5
>= 6.50	82.4	49.5	70.3	92.3	98.9	100	100	100	100	94.0	79.5	66.9	38.1
>= 14.00	79.9	48.3	67.2	88.3	96.2	100	100	100	99.8	90.4	73.7	58.1	34.6
>= 20.00	76.5	43.7	62.4	86.5	95.7	100	100	100	96.0	84.9	63.9	50.1	31.3
>= 30.00	72.0	38.7	55.4	83.4	93.5	100	100	99.9	86.0	74.9	53.6	40.4	27.1
>= 44.00	66.3	31.9	49.1	78.8	92.6	98.4	100	98.1	76.6	60.1	45.3	28.9	23.8
>= 65.00	61.0	26.1	42.2	73.0	90.3	93.7	98.1	92.6	62.7	48.5	38.8	20.3	20.3
>= 95.00	54.6	19.9	34.7	65.8	84.1	90.2	93.7	82.2	49.4	36.8	31.3	14.4	16.8
>= 140.00	48.1	14.8	28.5	60.5	69.7	80.2	83.5	66.4	36.2	27.4	24.9	9.9	13.6
>= 210.00	39.2	10.2	21.5	50.6	54.3	65.2	65.5	50.1	25.5	19.5	16.6	7.1	10.6
>= 300.00	30.0	6.8	15.3	40.0	39.7	48.5	48.0	36.2	18.2	15.6	11.5	5.3	7.5
>= 440.00	21.7	4.5	11.0	28.0	25.4	30.6	32.5	24.8	12.4	10.8	7.6	3.5	5.7
>= 650.00	14.4	2.9	6.2	19.3	16.1	19.3	21.8	15.2	7.9	7.1	5.9	2.6	4.3
>= 950.00	9.2	1.6	3.8	15.5	9.8	11.1	14.0	9.6	4.7	4.8	3.9	2.2	2.4
>= 1400.00	5.8	1.1	2.5	8.3	5.5	7.9	8.8	5.3	3.3	3.2	2.6	1.3	1.6
>= 2100.00	3.5	.6	1.1	4.9	2.9	4.3	4.5	3.0	1.8	1.9	1.7	.9	.8
>= 3000.00	1.9	.4	.6	3.1	1.3	2.5	2.4	1.7	.9	.8	.9	.2	.3
>= 4400.00	1.0	.4	.5	1.6	.9	1.2	1.4	.5		.3	.2		.2
>= 6500.00	.4	.1	.1	.4	.3	.2	.2	.1		.1	.1		.2
>= 9600.00	.1	.1	.1	.2		.1				.1			

STATION 03410500 SOUTH FORK CUMBERLAND RIVER NEAR STEARNS, KY. 1942-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		PERCENT											
>= 11	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 14	99.9	99.8	100	100	100	100	100	100	100	100	100	100	99.4
>= 19	99.8	99.2	100	100	100	100	100	100	100	100	99.9	100	98.6
>= 25	99.3	96.9	98.5	100	100	100	100	100	100	100	99.5	99.3	97.0
>= 32	98.5	93.1	98.0	100	100	100	100	100	100	100	98.5	98.9	93.7
>= 42	96.9	87.1	96.9	100	100	100	100	100	100	99.7	96.7	96.2	85.9
>= 55	94.6	81.0	94.7	99.6	100	100	100	100	100	99.4	94.0	90.2	76.7
>= 72	91.3	71.5	89.5	99.0	100	100	100	100	100	98.0	90.1	82.0	65.6
>= 94	87.6	62.8	85.2	98.2	99.9	100	100	100	99.5	96.0	83.2	72.8	54.4
>= 120	84.0	56.6	81.3	96.3	99.1	100	100	100	98.8	92.7	79.0	63.1	46.5
>= 160	78.4	47.2	75.1	90.5	98.8	100	100	100	98.1	82.9	62.2	57.1	36.4
>= 210	73.4	38.2	70.8	86.5	98.7	100	100	100	97.3	71.9	52.2	40.2	27.1
>= 280	68.3	30.8	62.5	83.2	97.8	99.9	100	99.8	93.8	59.8	43.5	30.6	20.1
>= 360	62.8	23.6	53.4	79.5	95.2	99.9	100	98.5	85.5	48.4	34.8	23.2	14.1
>= 470	57.3	17.7	45.2	75.7	92.2	97.1	99.2	95.8	74.5	38.0	26.0	17.2	10.7
>= 620	51.6	12.6	37.3	68.5	88.6	93.5	98.2	90.9	62.6	29.8	19.2	12.3	7.6
>= 810	46.0	9.2	30.3	61.0	83.0	88.4	96.4	82.4	51.2	23.6	14.4	9.1	5.4
>= 1100	39.3	6.3	23.7	52.4	70.5	80.6	89.3	72.1	39.2	18.4	10.7	6.0	3.8
>= 1400	32.7	4.9	18.1	45.0	59.6	69.5	80.1	58.6	29.7	14.1	8.3	4.4	2.7
>= 1800	26.2	3.5	13.1	36.9	49.2	58.0	66.5	45.5	22.2	10.1	6.1	3.1	1.4
>= 2400	19.9	2.5	10.0	28.2	39.4	45.6	57.2	32.8	15.0	7.2	5.3	2.2	1.1
>= 3100	14.6	1.6	7.2	21.5	30.2	33.7	37.5	22.8	10.4	4.9	4.2	1.5	.7
>= 4100	10.1	1.3	5.6	15.9	21.7	23.5	24.8	15.6	7.2	2.7	2.4	1.1	.5
>= 5300	7.1	.8	4.0	11.2	15.5	17.0	17.5	10.1	4.9	1.7	1.8	.8	.3
>= 7000	4.6	.5	2.7	7.6	11.0	11.2	10.5	5.9	2.7	.9	1.5	.4	.2
>= 9100	3.0	.4	1.8	4.9	7.1	7.9	7.6	3.7	1.6	.4	.8	.3	.2
>= 12000	2.0	.1	1.4	3.5	4.9	5.2	4.6	2.1	1.1	.1	.3	.1	.1
>= 16000	1.1		.9	2.1	3.0	3.1	2.6	1.0	.8		.1	.1	.1
>= 20000	.7		.6	1.7	2.1	1.7	1.7	.5	.2				
>= 27000	.4		.4	1.2	1.2	1.0	.8	.2					
>= 35000	.2		.2	.5	.4	.6	.6	.1					
>= 46000	.1			.2	.2	.2	.3						
>= 60000													
>= 78000													

STATION 03411000 SOUTH FORK CUMBERLAND RIVER AT NEVELSVILLE, KY. 1915-1950

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 14	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 18	99.9	99.6	100	100	100	100	100	100	100	99.7	99.9	99.5	99.6
>= 24	99.4	98.6	100	100	100	100	100	100	100	99.5	99.4	98.3	97.5
>= 31	99.0	97.7	100	100	100	100	100	100	100	99.3	99.2	96.5	95.0
>= 40	98.0	91.7	100	100	100	100	100	100	100	99.1	97.9	94.3	93.1
>= 52	96.3	85.3	97.7	100	100	100	100	100	100	98.8	95.9	92.2	86.6
>= 67	94.1	73.4	95.3	100	100	100	100	100	100	97.1	92.9	90.0	80.1
>= 88	91.1	63.3	91.4	98.9	100	100	100	100	100	94.8	88.6	86.4	70.4
>= 110	87.6	53.7	84.7	97.2	100	100	100	100	99.1	92.6	84.0	79.9	61.0
>= 150	82.7	41.0	76.3	95.3	99.5	99.8	100	100	98.3	87.1	74.7	70.3	51.2
>= 190	78.6	32.4	68.2	94.2	98.8	99.5	100	100	97.6	82.0	67.0	62.4	43.0
>= 250	73.9	26.2	60.3	90.7	48.1	99.5	100	100	96.2	74.1	56.2	53.2	35.1
>= 330	68.4	20.3	52.5	84.4	97.7	98.9	100	100	92.6	63.1	46.9	41.6	25.5
>= 420	63.9	17.5	46.1	77.7	95.8	96.1	99.7	99.8	86.6	55.6	39.5	34.9	20.1
>= 550	58.9	14.2	39.4	72.4	94.2	93.2	99.6	97.5	77.5	45.7	33.1	28.0	14.8
>= 710	54.5	11.2	33.7	67.6	89.9	92.1	99.1	94.9	69.9	37.4	27.5	23.2	11.8
>= 930	48.7	8.5	28.6	59.4	84.4	89.6	97.9	88.9	56.1	29.0	21.3	16.9	8.5
>= 1200	42.9	7.2	23.7	50.1	77.1	83.3	93.1	79.2	45.7	23.0	17.2	13.0	6.5
>= 1600	34.3	5.4	17.4	39.0	65.5	70.8	80.9	60.3	35.4	15.8	12.1	8.9	3.8
>= 2000	28.6	4.6	14.0	32.3	55.7	59.9	69.9	49.1	28.3	12.8	9.6	7.6	2.6
>= 2600	21.8	3.4	10.9	24.4	43.7	48.2	54.5	36.8	20.1	9.6	6.0	5.4	2.1
>= 3400	16.1	2.7	8.4	17.9	34.2	36.9	41.2	25.2	13.5	6.3	3.9	4.0	1.5
>= 4500	11.5	1.6	6.3	13.8	26.4	26.4	30.1	16.2	8.5	4.3	2.9	2.2	1.0
>= 5800	8.3	1.3	5.0	9.6	19.9	18.5	23.2	11.1	5.9	2.1	1.9	1.3	.6
>= 7600	5.5	1.0	3.4	6.0	15.0	12.5	14.8	6.8	3.9	1.8	.8	.6	.4
>= 9800	3.8	.7	2.4	4.8	11.1	8.1	10.2	4.5	2.3	.9	.7	.4	.2
>= 13000	2.6	.4	1.6	3.3	8.2	6.0	7.0	2.5	1.1	.6	.4	.1	.2
>= 17000	1.7		1.0	2.4	5.5	3.7	4.2	1.9	.7	.5	.3		.1
>= 22000	.9		.4	1.6	3.5	2.0	2.1	.9	.1	.3			
>= 28000	.5		.3	.8	1.8	1.2	1.4	.6		.1			
>= 36000	.3		.1	.5	.9	.8	.7	.1		.1			
>= 47000	.1			.3	.4	.5							
>= 62000					.1	.2							
>= 80000													

STATION 03411500 CUMBERLAND RIVER AT BURNSIDE, KY. 1914-1950

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 52	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 66	99.8	99.4	100	100	100	100	100	100	100	99.9	100	100	98.5
>= 85	99.6	97.8	100	100	100	100	100	100	100	99.8	99.6	99.3	98.4
>= 110	98.6	94.3	99.9	100	100	100	100	100	100	99.4	98.7	97.3	93.7
>= 140	98.0	90.9	98.8	100	100	100	100	100	100	99.2	98.4	96.7	91.7
>= 180	95.8	78.5	95.3	99.9	100	100	100	100	100	98.9	97.0	94.3	85.7
>= 230	93.6	69.3	92.0	98.5	100	100	100	100	100	98.4	96.0	90.1	79.6
>= 290	90.9	57.2	88.1	97.8	100	100	100	100	100	96.9	92.2	87.4	71.7
>= 370	88.0	49.6	80.2	96.8	100	100	100	100	99.8	95.0	89.3	83.5	62.3
>= 470	85.1	43.0	74.6	95.7	99.2	99.5	100	100	99.3	92.8	84.9	78.6	53.9
>= 600	81.7	36.5	68.1	93.5	98.7	99.3	100	100	98.5	88.2	78.7	72.8	47.4
>= 760	77.9	31.5	59.1	90.9	98.6	99.1	100	100	97.5	84.1	70.8	65.2	39.0
>= 980	73.7	26.8	52.7	87.3	98.2	97.6	99.8	100	95.8	75.6	64.0	56.7	31.2
>= 1200	70.3	23.8	48.5	84.1	97.6	96.3	99.7	100	93.5	70.0	57.5	48.1	25.2
>= 1600	64.7	18.8	41.8	78.4	96.1	94.3	99.6	99.2	86.8	61.6	46.4	37.1	17.3
>= 2000	60.7	16.1	38.2	73.6	93.8	93.3	99.5	97.6	80.9	53.5	40.2	29.3	13.8
>= 2600	55.4	12.6	33.3	67.7	89.5	91.3	98.4	94.7	73.1	43.0	32.9	21.2	9.1
>= 3300	50.5	10.1	27.6	59.7	84.9	87.9	97.1	90.2	64.2	35.1	27.3	17.1	6.7
>= 4200	44.3	7.5	21.5	51.3	79.0	82.6	92.0	81.9	51.7	27.2	21.4	13.0	4.8
>= 5400	37.5	5.6	17.1	42.8	69.1	75.1	83.8	67.6	40.9	20.6	16.8	8.9	3.5
>= 6900	30.5	4.4	13.1	33.6	59.1	63.6	71.7	53.1	31.9	15.4	12.7	6.5	2.4
>= 8800	24.1	3.3	9.8	27.2	48.0	52.6	58.1	41.4	23.2	11.0	9.2	4.7	1.9
>= 11000	19.2	2.7	8.2	22.0	40.2	43.2	47.3	30.8	17.4	8.6	6.5	3.0	1.3
>= 14000	14.4	1.7	6.2	16.6	32.9	32.6	37.8	22.1	12.1	6.0	3.5	1.7	.8
>= 18000	10.8	1.3	5.6	12.1	25.6	26.0	29.3	15.4	7.8	3.8	1.9	.8	.4
>= 23000	7.5	.7	3.4	8.0	20.4	18.4	20.2	10.7	5.0	2.5	1.0	.2	.1
>= 30000	5.0	.3	2.4	5.2	15.5	12.9	14.1	5.4	2.5	1.2	.6	.1	.1
>= 38000	3.3	.1	1.3	3.5	11.1	8.5	9.5	3.7	.9	.4	.4		
>= 49000	1.9		1.0	2.4	6.6	4.8	5.7	1.8	.2	.2	.3		
>= 62000	1.2		.6	1.7	4.5	3.6	3.0	.5			.1		
>= 79000	.6		.3	1.0	2.6	1.8	1.2	.1					
>= 100000	.2			.8	1.3	.6	.2						
>= 130000					.2	.1							
>= 170000													

STATION 03412000 PITMAN CREEK NEAR SOMERSET, KY. 1951-1952 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 0.1	87.6	66.7	90.0	100	100	100	100	100	100	100	92.5	69.9	32.2
>= 0.2	86.4	66.7	90.0	100	100	100	100	100	100	100	91.4	59.1	30.0
>= 0.3	85.2	66.7	90.0	100	100	100	100	100	100	100	89.2	50.5	26.7
>= 0.4	84.0	66.7	82.2	100	100	100	100	100	100	100	88.2	48.4	23.3
>= 0.5	82.6	66.7	81.1	100	100	100	100	100	100	100	83.9	39.8	20.0
>= 0.7	80.8	66.7	76.7	100	100	100	100	100	100	100	80.6	28.0	18.9
>= 0.9	79.1	66.7	75.6	98.9	100	100	100	100	100	100	74.2	17.2	18.9
>= 1.3	75.9	62.4	71.1	98.9	100	100	100	100	100	98.9	59.1	11.8	13.3
>= 1.7	74.2	58.1	70.0	97.8	100	100	100	100	100	95.6	54.8	7.5	13.3
>= 2.2	72.1	57.0	70.0	94.6	100	100	100	100	100	90.0	48.4	6.5	13.3
>= 2.9	68.2	45.2	68.9	89.2	100	100	100	100	100	76.7	38.7	5.4	12.2
>= 3.9	63.6	36.6	68.9	77.4	100	100	100	100	93.5	60.0	29.0	3.2	10.0
>= 5.1	61.3	35.5	68.9	75.3	100	100	100	100	81.7	46.7	26.9	3.2	7.8
>= 6.8	58.5	28.0	68.9	74.2	100	100	100	100	74.2	38.9	19.4	2.2	6.7
>= 9.0	55.6	21.5	67.8	73.1	97.8	100	100	97.8	60.2	33.3	16.1	2.2	5.6
>= 12.0	51.1	15.1	64.4	71.0	95.7	100	100	91.1	47.3	30.0	12.9	2.2	4.4
>= 16.0	47.3	10.8	61.1	67.7	93.5	95.3	100	81.1	36.6	18.9	8.6	2.2	3.3
>= 21.0	42.7	8.6	57.8	61.3	91.4	91.8	98.9	63.3	26.9	15.6	6.5	2.2	3.3
>= 28.0	37.0	5.4	55.6	51.6	91.4	83.5	91.4	46.7	17.2	11.1	3.2	2.2	2.2
>= 37.0	31.8	3.2	48.9	46.2	87.1	74.1	81.7	31.1	14.0	8.9	2.2	1.1	1.1
>= 49.0	25.5	3.2	37.8	40.9	79.6	65.9	63.4	20.0	10.8	6.1	1.1		
>= 65.0	19.7	3.2	27.8	34.4	65.6	57.6	49.5	11.1	8.6	5.6	1.1		
>= 86.0	14.2	3.2	22.2	25.8	53.8	43.5	38.7	5.6	5.4	4.4	1.1		
>= 110.0	10.6	2.1	18.8	22.5	37.6	30.6	27.9	2.2	4.3	1.1	1.0		
>= 150.0	6.6		11.1	16.1	27.9	20.0	15.0		4.3	1.1	1.0		
>= 200.0	4.6		7.7	11.8	19.3	11.7	11.8		3.2	1.1	1.0		
>= 260.0	3.2		6.6	8.6	11.8	8.2	10.7		1.0				
>= 350.0	2.3		4.4	7.5	7.5	4.7	5.3						
>= 460.0	1.7		4.4	5.3	6.4	4.7	3.2						
>= 620.0	.6		2.2	2.1	4.3	3.5	2.1						
>= 820.0	.2			2.1		1.1	1.0						
>= 1100.0							1.0						

STATION 03412500 PITMAN CREEK AT SOMERSET, KY. 1953-1973 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	99.7	100	100	100	100	100	100	100	100	100	100	98.8	97.9
>= .02	99.7	100	100	100	100	100	100	100	100	100	100	98.5	97.9
>= .04	99.6	100	100	100	100	100	100	100	100	100	99.8	98.0	97.9
>= .05	99.6	100	100	100	100	100	100	100	100	100	99.7	97.6	97.9
>= .08	99.5	100	100	100	100	100	100	100	100	100	99.0	97.5	97.9
>= .10	99.5	100	100	100	100	100	100	100	100	100	98.8	97.5	97.9
>= .20	98.9	100	100	100	100	100	100	100	100	100	98.1	97.3	91.8
>= .40	95.4	84.0	95.1	100	100	100	100	100	100	100	94.2	90.2	77.5
>= .50	93.6	77.5	91.6	99.0	100	100	100	100	100	100	93.0	83.5	72.6
>= .70	90.6	67.1	86.7	97.5	99.8	100	100	100	100	100	90.5	75.2	63.3
>= 1.00	86.7	56.0	76.3	93.7	98.6	100	100	100	100	99.1	86.0	65.7	55.4
>= 1.50	82.3	47.9	66.5	88.1	98.5	100	100	100	100	96.3	81.0	59.1	44.6
>= 2.10	78.7	43.7	62.6	82.9	98.0	100	100	100	100	91.4	81.0	44.7	34.0
>= 3.10	72.9	39.7	52.3	77.8	95.2	99.4	99.8	100	98.8	81.9	73.7	36.5	26.1
>= 4.40	67.7	28.9	45.3	74.9	93.4	98.3	99.7	99.8	94.7	70.5	61.0	26.8	21.2
>= 6.30	61.3	21.3	38.1	69.6	91.5	97.2	99.5	97.7	81.8	55.6	51.1	18.3	18.1
>= 9.00	54.8	14.8	31.6	62.5	90.7	95.9	98.3	93.2	67.6	41.2	41.3	12.4	15.3
>= 13.00	48.8	9.2	24.6	57.7	86.8	93.5	95.4	88.4	53.1	29.6	31.6	8.8	12.1
>= 19.00	42.3	6.4	19.5	51.6	77.2	90.7	89.8	79.3	38.9	20.9	25.6	6.1	8.4
>= 27.00	34.9	4.0	15.6	43.6	62.5	79.5	81.0	64.9	28.5	15.3	18.8	4.8	6.5
>= 38.00	27.9	3.4	10.2	35.1	49.9	67.8	67.2	51.1	21.7	11.2	14.3	3.2	4.9
>= 54.00	20.2	1.7	7.0	23.8	33.6	53.1	49.9	37.9	14.9	8.4	10.4	2.0	3.7
>= 78.00	13.7	1.0	4.2	17.1	21.2	36.3	35.5	25.8	10.2	5.6	7.8	1.5	2.1
>= 110.00	9.1	.3	2.6	12.3	14.4	23.6	24.2	17.7	6.6	3.1	5.3	1.3	1.2
>= 160.00	5.8	.1	1.2	7.9	9.1	14.5	14.7	11.2	4.5	2.1	3.2	.5	1.0
>= 230.00	3.4		.7	5.4	5.9	8.7	9.1	5.4	3.0	1.2	2.0	.5	.1
>= 330.00	2.1		.5	2.8	3.3	6.3	5.4	3.8	1.6	.1	1.0	.3	
>= 470.00	1.1		.3	1.6	1.6	3.7	3.0	1.9	.8	.1	.1	.1	
>= 670.00	.7		.1	.6	.8	2.6	2.3	1.0	.5	.1	.1	.1	
>= 960.00	.1			.1	.1	.5	.3	.1	.1	.1	.1		
>= 1400.00						.1							

STATION 03413000 CUMBERLAND RIVER NEAR JAMESTOWN, KY. 1938-1940

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 58	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 73	99.3	96.8	100	100	100	100	100	100	100	100	100	100	95.0
>= 93	96.4	77.4	100	100	100	100	100	100	100	100	100	100	80.0
>= 120	94.8	67.7	98.3	100	100	100	100	100	100	100	100	100	71.7
>= 150	92.7	61.3	80.0	100	100	100	100	100	100	100	100	100	71.7
>= 190	89.6	48.4	61.7	100	100	100	100	100	100	100	100	100	65.0
>= 240	83.2	29.0	46.7	72.6	100	100	100	100	100	100	100	100	50.0
>= 300	80.8	22.6	41.7	69.4	100	100	100	100	100	100	100	95.2	41.7
>= 380	77.4	14.5	38.3	67.7	100	100	100	100	100	100	100	87.1	21.7
>= 480	75.6	9.7	38.3	66.1	100	94.7	100	100	100	100	100	82.3	16.7
>= 600	72.2	1.6	36.7	66.1	85.5	91.2	100	100	100	100	100	72.6	13.3
>= 760	69.4		33.3	64.5	75.8	91.2	100	100	100	100	98.4	58.1	11.7
>= 960	66.3		30.0	62.9	71.0	89.5	100	100	100	100	90.3	43.5	10.0
>= 1200	63.2		23.3	61.3	64.5	89.5	100	100	100	93.3	87.1	32.3	8.3
>= 1500	59.6		20.0	59.7	61.3	89.5	100	100	96.8	88.3	79.0	17.7	5.0
>= 1900	54.7		20.0	54.8	56.5	87.7	100	100	80.6	76.7	66.1	12.9	3.3
>= 2400	49.8		20.0	45.2	54.8	87.7	100	100	66.1	60.0	56.5	6.5	3.3
>= 3100	43.9		13.3	30.6	53.2	86.0	100	100	51.6	40.0	50.0	3.2	1.7
>= 3900	39.1		10.0	21.0	50.0	84.2	96.8	100	38.7	31.7	35.5	3.2	1.7
>= 4900	35.4		8.3	17.7	46.8	84.2	90.3	100	30.6	21.7	27.4		1.7
>= 6200	30.0		6.7	12.9	43.5	80.7	79.0	86.7	19.4	15.0	19.4		
>= 7900	25.6		6.7	9.7	37.1	75.4	69.4	76.7	11.3	10.0	14.5		
>= 9900	21.1		5.0	9.7	22.6	70.2	61.3	66.7	3.2	8.3	9.7		
>= 13000	16.0		5.0	6.4	17.7	54.3	48.3	55.0		5.0	3.2		
>= 16000	12.1		3.3	4.8	9.6	45.6	37.0	41.6		3.3	3.2		
>= 20000	9.0		3.3	3.2	8.0	38.5	27.4	30.0					
>= 25000	6.1			1.6	6.4	33.3	19.3	15.0					
>= 32000	4.3				4.8	28.0	9.6	11.6					
>= 40000	3.2				3.2	21.0	9.6	6.6					
>= 51000	2.0				1.6	14.0	4.8	5.0					
>= 64000	1.0					8.7	3.2	1.6					
>= 81000	.2					3.5							
>= 100000	.2					3.5							
>= 130000	.2					3.5							

STATION 03413200 BEAVER CREEK NEAR MONTICELLO, KY. 1969-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .50	100	100	100	100	100	100	100	100	100	100	100	100	100
>= .70	99.9	99.4	100	100	100	100	100	100	100	100	100	100	100
>= .90	99.9	99.4	100	100	100	100	100	100	100	100	100	100	100
>= 1.10	99.9	99.0	100	100	100	100	100	100	100	100	100	100	100
>= 1.50	99.3	93.5	99.7	100	100	100	100	100	100	100	100	98.7	100
>= 1.90	98.2	91.0	95.3	100	100	100	100	100	100	100	99.7	94.2	98.0
>= 2.60	95.0	83.5	90.3	99.7	100	100	100	100	100	98.3	96.8	87.7	84.0
>= 3.30	89.4	71.9	78.3	96.1	100	100	100	100	100	96.0	88.4	70.0	71.7
>= 4.40	82.1	59.0	70.7	90.6	100	100	100	100	100	84.7	69.7	56.5	53.7
>= 5.80	76.9	53.5	67.0	89.0	100	100	100	100	100	72.3	55.2	48.1	38.0
>= 7.60	72.2	41.3	62.3	87.7	100	100	100	100	99.7	63.3	46.5	40.6	31.0
>= 9.90	67.3	30.6	58.7	85.2	100	100	100	100	93.9	52.0	36.1	33.9	24.3
>= 13.00	63.0	25.2	48.7	81.3	99.4	98.6	100	97.4	86.8	45.3	31.3	28.4	20.7
>= 17.00	56.7	17.7	39.3	73.2	96.8	96.5	100	92.5	80.0	34.7	24.5	21.9	14.7
>= 22.00	51.6	13.5	31.0	64.5	91.0	94.0	99.1	86.9	69.0	30.3	20.6	17.1	11.0
>= 29.00	45.2	10.0	24.3	52.9	81.0	90.1	91.8	78.8	60.6	25.3	16.8	12.3	9.7
>= 39.00	37.9	7.1	19.3	40.0	71.6	82.3	80.3	69.6	50.3	20.0	11.9	9.7	6.0
>= 51.00	30.2	5.5	14.7	30.0	60.3	68.4	65.8	55.9	37.7	14.3	8.4	8.1	4.0
>= 66.00	23.8	4.2	11.7	23.9	50.3	52.8	53.3	44.8	28.1	10.3	6.1	7.4	2.3
>= 87.00	17.0	3.2	8.7	19.4	36.5	37.2	37.9	31.0	19.4	7.0	5.2	4.8	1.0
>= 110.00	13.0	2.6	7.3	14.8	28.7	27.3	29.5	22.9	12.6	5.0	3.9	4.5	.7
>= 150.00	8.9	1.6	5.3	10.3	20.3	16.3	20.4	15.7	8.7	4.0	3.5	3.2	.7
>= 200.00	6.5	1.0	3.7	8.1	12.9	11.7	15.7	11.8	5.8	3.0	3.5	2.6	.7
>= 260.00	4.7	.6	2.6	6.1	9.3	7.8	10.3	10.1	3.9	2.0	2.2	2.5	.6
>= 340.00	3.5	.6	2.3	4.1	7.4	5.6	7.2	6.5	2.5	1.6	1.9	2.2	.3
>= 440.00	2.5	.3	1.6	3.5	4.8	3.9	5.9	3.9	1.9	1.3	.9	1.9	
>= 580.00	1.7	.3	.6	3.2	3.2	2.1	4.3	3.2	1.6	1.0	.3	.9	
>= 760.00	1.2	.3	.3	1.2	1.9	1.7	3.1	2.6	1.2	1.0	.3	.9	
>= 1000.00	.8	.3	.3	1.2	1.6	.3	2.1	2.6	1.2	.6	.3	.3	
>= 1300.00	.5			1.2	.6	.3	1.2	1.3	.3	.6		.3	
>= 1700.00	.2			.3	.3		.6	.9	.3	.3			
>= 2300.00							.3	.6	.3				
>= 3000.00							.3	.3					
>= 3900.00							.3	.3					

STATION 03414000 CUMBERLAND RIVER NEAR ROWENA, KY. 1940-1949 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 77	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 97	99.7	98.7	100	100	100	100	100	100	100	100	98.4	99.0	100
>= 120	99.3	95.8	100	100	100	100	100	100	100	100	97.4	99.0	99.0
>= 150	98.5	89.4	100	100	100	100	100	100	100	100	96.8	98.7	97.7
>= 190	95.9	72.6	95.0	100	100	100	100	100	100	100	94.8	97.4	91.3
>= 240	92.5	49.4	91.3	99.4	100	100	100	100	100	100	91.3	94.8	85.0
>= 310	90.1	40.3	87.3	93.9	100	100	100	100	100	99.0	90.6	93.9	77.0
>= 390	88.0	35.8	81.7	93.5	100	100	100	100	99.7	97.7	89.4	91.9	66.7
>= 490	85.3	33.9	72.0	93.2	100	99.6	100	100	98.1	96.7	87.1	88.4	55.3
>= 610	81.8	29.7	62.7	88.4	98.1	98.2	100	100	97.4	94.3	85.5	82.6	45.0
>= 770	77.9	25.8	55.3	82.6	96.8	98.2	100	100	95.5	88.3	81.6	74.2	37.7
>= 970	74.0	21.9	50.7	78.1	94.8	98.2	100	100	93.5	84.3	73.5	68.4	25.7
>= 1200	70.0	16.8	47.0	75.8	93.9	96.5	99.0	100	90.6	74.3	68.4	58.4	20.0
>= 1500	65.8	13.5	44.3	71.6	92.3	95.1	99.0	100	87.1	66.3	62.3	45.8	13.7
>= 1900	60.2	7.1	41.0	64.5	90.0	91.5	98.7	99.0	81.0	57.0	51.3	34.5	8.0
>= 2400	55.4	5.8	37.0	59.7	85.5	88.0	98.1	96.3	74.8	46.7	41.9	26.5	6.0
>= 3100	50.0	3.9	33.0	52.9	77.1	84.8	96.5	95.0	66.1	35.0	34.2	19.4	4.0
>= 3900	44.6	2.6	27.0	47.1	69.0	77.0	95.2	91.0	54.5	26.7	29.7	14.8	2.7
>= 4800	39.4	1.6	22.0	41.3	61.3	71.7	91.9	83.0	43.2	20.0	24.8	11.9	2.0
>= 6100	32.7	1.3	11.3	33.5	53.9	67.1	85.8	68.0	30.3	14.0	19.4	9.0	.7
>= 7700	27.4	1.0	7.7	28.7	46.5	59.4	75.8	56.0	21.9	9.0	17.1	6.8	.3
>= 9700	22.8	.6	5.0	24.8	39.7	52.7	68.4	43.0	15.8	6.0	13.9	4.5	.3
>= 12000	18.7	.6	4.0	21.0	32.9	44.9	58.7	33.3	11.0	4.7	11.0	2.9	.3
>= 15000	14.5	.6	2.6	16.1	27.4	37.4	48.3	24.0	6.4	3.6	7.0	1.2	.3
>= 19000	10.2	.3	1.6	9.3	20.3	29.3	36.4	16.6	2.9	1.3	4.1	.6	.3
>= 24000	7.1	.3	1.6	4.5	16.4	22.6	24.1	12.6	.9	1.3	2.5		
>= 31000	4.8	.3	1.0	2.9	12.9	15.1	15.1	9.3		.6	1.6		
>= 38000	3.4		.6	1.6	11.2	9.8	11.6	5.3		.3	1.2		
>= 48000	2.2		.3	1.2	9.6	5.6	6.1	2.6		.3	.6		
>= 61000	1.3		.3	.9	6.1	4.2	2.9	1.0			.3		
>= 77000	.6			.6	3.5	2.1	.9						
>= 97000	.2			.6	1.6	1.0							
>= 120000	.1			.3	.9	1.0							
>= 150000					.3	.3							

STATION 03414000 CUMBERLAND RIVER NEAR ROWENA, KY. 1951-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 0.0	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 2.0	99.7	97.8	100	100	99.7	100	100	100	100	100	100	100	98.8
>= 2.7	99.6	97.8	100	100	99.3	100	100	100	100	100	100	100	98.3
>= 3.7	99.6	97.8	100	100	99.3	100	100	100	100	100	100	100	98.3
>= 4.9	99.6	97.8	100	100	98.7	100	100	100	100	100	100	100	98.2
>= 6.7	99.6	97.8	100	100	98.7	100	100	100	100	100	100	100	98.2
>= 9.0	99.6	97.8	100	100	98.4	100	100	100	100	100	100	100	98.2
>= 12.0	99.5	97.8	100	100	98.0	100	100	100	100	100	100	100	98.2
>= 16.0	99.5	97.8	100	99.8	97.9	100	100	100	100	100	100	100	98.2
>= 22.0	99.5	97.8	100	99.7	97.9	100	100	100	100	100	100	100	98.1
>= 30.0	99.4	97.8	100	99.7	97.9	99.9	100	100	100	100	100	100	98.1
>= 41.0	99.4	97.8	99.9	99.5	97.8	99.7	100	100	100	100	100	100	98.0
>= 55.0	99.4	97.8	99.9	99.4	97.7	99.7	100	100	100	100	100	100	98.0
>= 74.0	99.1	97.5	99.3	99.3	95.5	99.7	99.9	99.9	100	99.5	99.8	100	97.0
>= 100.0	98.7	96.9	99.3	99.0	94.5	99.6	99.7	99.6	99.9	99.0	99.2	99.7	96.7
>= 140.0	96.3	93.8	96.4	94.6	94.0	96.7	98.2	99.0	98.0	97.5	96.3	97.9	92.3
>= 180.0	94.9	91.0	93.9	93.5	93.3	95.6	97.6	98.8	96.4	96.4	94.4	97.0	89.6
>= 250.0	93.6	89.4	92.1	92.2	92.6	94.6	96.9	98.6	94.9	95.5	93.2	95.4	87.7
>= 330.0	92.8	88.5	91.5	91.1	92.4	93.6	96.3	98.5	94.1	94.5	92.5	94.2	86.4
>= 450.0	92.0	87.4	91.2	89.9	91.1	92.7	96.1	98.3	93.5	93.5	91.0	93.1	85.4
>= 610.0	91.0	86.6	90.1	88.9	90.2	91.9	96.0	98.2	93.1	91.5	88.1	92.2	84.3
>= 820.0	89.8	85.4	89.0	87.8	88.6	91.2	95.2	97.7	92.2	90.0	85.9	89.6	83.3
>= 1100.0	87.4	79.4	85.8	86.1	87.9	89.8	94.5	97.3	91.7	88.7	83.4	86.2	77.6
>= 1500.0	84.6	73.6	81.0	84.9	86.9	88.0	93.5	96.4	89.4	85.4	80.9	81.1	73.9
>= 2000.0	80.2	67.5	75.2	82.9	84.9	86.7	92.0	94.6	85.2	80.1	74.4	73.9	63.8
>= 2700.0	75.4	58.2	67.9	79.4	82.1	83.0	90.0	92.6	81.2	76.9	67.0	68.5	55.3
>= 3700.0	68.9	45.9	59.8	74.5	78.3	78.5	85.3	89.5	76.6	69.6	59.5	59.7	46.9
>= 5000.0	61.0	32.0	49.6	69.7	71.7	73.7	80.8	85.5	69.1	60.0	51.0	49.3	33.4
>= 6800.0	51.2	20.5	34.8	58.8	62.3	67.3	74.0	80.0	59.6	48.5	39.1	36.9	26.3
>= 9200.0	39.6	10.7	21.1	41.7	52.5	59.4	66.7	70.5	49.8	32.7	26.3	23.8	11.7
>= 12000.0	28.6	4.8	11.9	27.7	33.7	47.0	54.9	61.4	36.7	19.5	14.2	10.5	3.8
>= 17000.0	16.4	.8	3.3	11.9	14.1	30.7	39.4	44.7	22.0	6.5	4.2	.8	
>= 23000.0	9.6		1.7	5.2	5.2	18.3	27.5	32.0	13.1	1.7	2.1	.3	
>= 31000.0	2.5		.3	2.7		2.7	7.2	8.5	3.8				
>= 41000.0							.2						

STATION 03414000 CUMBERLAND RIVER NEAR ROWENA, KY. 1940-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 2.0	99.8	98.4	100	100	99.8	100	100	100	100	100	100	100	99.1
>= 2.8	99.7	98.4	100	100	99.5	100	100	100	100	100	100	100	98.7
>= 3.9	99.7	98.4	100	100	99.5	100	100	100	100	100	100	100	98.6
>= 5.5	99.7	98.4	100	100	99.1	100	100	100	100	100	100	100	98.5
>= 7.8	99.7	98.4	100	100	99.1	100	100	100	100	100	100	100	98.5
>= 11.0	99.6	98.4	100	100	98.8	100	100	100	100	100	100	100	98.5
>= 15.0	99.6	98.4	100	100	98.8	100	100	100	100	100	100	100	98.5
>= 22.0	99.6	98.4	100	99.8	98.5	100	100	100	100	100	100	100	98.5
>= 30.0	99.6	98.4	100	99.8	98.5	99.9	100	100	100	100	100	100	98.5
>= 43.0	99.6	98.4	99.9	99.7	98.5	99.8	100	100	100	100	100	100	98.4
>= 60.0	99.5	98.4	99.9	99.6	98.4	99.8	100	100	100	100	100	99.9	98.4
>= 85.0	99.2	97.9	99.5	99.4	97.3	99.7	99.8	99.8	99.9	99.6	99.5	99.8	97.7
>= 120.0	97.9	95.3	98.1	98.4	96.8	98.8	99.0	99.4	99.2	98.5	97.6	98.6	95.3
>= 170.0	95.8	89.4	95.4	95.7	95.8	97.1	98.3	99.1	97.6	97.7	95.4	97.5	91.2
>= 240.0	93.5	79.4	92.3	94.2	95.2	96.1	97.8	99.0	96.4	96.8	93.0	95.4	87.3
>= 330.0	92.1	75.5	90.3	92.1	94.7	95.4	97.4	98.9	95.8	95.7	92.2	94.1	83.5
>= 470.0	90.5	73.5	87.1	91.0	94.3	94.6	97.1	98.8	94.7	94.3	90.2	92.3	78.2
>= 650.0	88.3	70.9	82.3	88.8	93.1	93.6	96.9	98.6	94.1	91.9	87.3	88.6	73.9
>= 920.0	85.6	67.4	79.4	85.6	91.3	92.7	96.4	98.2	92.7	88.7	83.1	83.5	69.0
>= 1300.0	81.5	59.2	73.5	83.0	90.0	90.8	95.7	97.7	90.1	83.1	78.8	75.5	61.6
>= 1800.0	76.8	53.0	68.3	79.8	88.8	88.8	94.6	96.4	85.6	75.6	71.3	66.2	54.5
>= 2600.0	70.3	43.8	59.3	74.1	84.9	84.8	92.8	93.8	79.8	69.1	61.0	57.1	44.2
>= 3600.0	63.6	34.9	51.3	68.0	80.2	79.6	88.7	89.7	72.5	60.9	53.5	48.6	37.1
>= 5100.0	54.6	22.3	39.9	61.5	74.1	72.9	83.9	83.0	61.8	49.8	42.7	38.0	26.1
>= 7100.0	44.4	13.9	26.1	50.3	65.5	66.1	75.7	73.0	49.6	37.4	32.2	27.2	16.2
>= 10000.0	32.6	5.8	14.9	33.9	55.2	55.4	64.6	60.1	38.1	23.3	20.3	14.8	6.4
>= 14000.0	21.0	1.7	5.2	19.1	41.1	40.7	49.8	46.0	24.3	12.7	8.6	2.9	1.1
>= 20000.0	12.1	.4	2.1	8.3	21.5	25.4	32.3	33.2	14.6	4.4	3.3	.4	
>= 28000.0	5.1		.5	3.8	10.8	11.5	15.1	14.7	4.7	.7	.4		
>= 39000.0	1.4		.1	.5	5.9	3.8	3.3	2.0	.6		.3		
>= 55000.0	.5			.2	2.4	1.9	.9	.5			.1		
>= 77000.0	.2			.1	1.1	.9	.2						
>= 110000.0				.1	.3	.6							
>= 150000.0													

STATION 03435140 WHIPPOORWILL CREEK NEAR CLAYMOUR, KY. 1973-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	97.3	100	100	100	100	100	100	100	100	100	100	91.4	80.0
>= .02	95.6	100	100	100	100	100	100	100	100	100	95.7	82.8	74.4
>= .04	94.9	100	100	100	100	100	100	100	100	100	93.5	78.5	73.3
>= .06	94.1	100	100	100	100	100	100	100	100	99.4	91.9	75.3	70.6
>= .08	93.6	100	100	100	100	100	100	100	100	99.4	90.3	72.0	70.0
>= .10	93.0	100	100	100	100	100	100	100	100	98.9	88.2	69.9	67.8
>= .20	90.9	93.5	100	100	100	100	100	100	100	98.3	83.3	63.4	63.3
>= .30	88.8	87.7	100	100	100	100	100	100	100	97.2	75.3	57.5	60.6
>= .40	87.1	85.2	100	100	100	100	100	100	100	95.6	67.7	52.7	58.9
>= .50	85.9	83.2	100	100	100	100	100	100	100	93.9	63.4	49.5	57.2
>= .80	83.4	82.6	99.3	100	100	100	100	100	100	88.3	53.8	43.5	52.2
>= 1.10	79.7	74.2	98.0	100	98.7	100	100	100	100	77.8	47.8	38.2	43.9
>= 1.60	74.3	58.1	96.0	100	90.3	98.6	100	100	100	65.6	38.7	33.9	37.2
>= 2.20	67.0	46.5	82.0	92.9	81.3	97.2	100	98.7	97.6	49.4	32.8	25.3	29.4
>= 3.20	59.7	39.4	61.3	83.9	80.0	96.5	100	83.3	93.9	41.7	25.8	18.3	22.8
>= 4.60	51.9	25.2	49.3	77.4	80.0	95.0	100	65.3	75.8	30.0	17.7	14.0	17.2
>= 6.60	45.3	15.5	37.3	73.5	77.4	91.5	99.4	50.7	61.2	23.9	12.4	10.2	13.9
>= 9.50	37.7	10.3	28.0	67.7	73.5	75.2	91.0	36.7	49.1	18.9	8.6	8.6	11.7
>= 14.00	30.1	6.5	22.7	54.2	66.5	58.9	75.5	24.7	31.5	13.3	7.0	5.4	8.3
>= 20.00	23.4	5.8	14.7	42.6	54.8	48.2	60.6	15.3	24.8	8.9	5.4	4.8	7.2
>= 28.00	17.6	2.6	13.3	32.3	43.5	36.2	47.7	11.3	18.2	5.0	4.8	3.8	4.4
>= 40.00	13.1	2.6	10.0	23.2	31.0	26.2	38.7	6.7	13.3	3.3	3.8	3.2	2.2
>= 58.00	9.5	1.3	8.7	16.8	23.2	17.0	29.0	4.6	9.7	2.2	2.7	2.7	2.2
>= 83.00	6.7	1.2	7.3	8.3	18.0	12.7	21.2	3.3	7.3	1.6	1.6	1.6	1.6
>= 120.00	4.8	.6	6.0	4.5	12.9	9.9	15.4	2.6	5.4	1.6	.5	1.0	1.6
>= 170.00	3.3	.6	5.3	2.5	9.6	5.6	11.6	1.3	3.6	1.1	.5	1.0	
>= 250.00	2.5	.6	4.6	1.2	8.3	4.2	7.7	1.3	1.8	.5		1.0	
>= 350.00	1.4		2.6	.6	5.1	2.1	5.8	.6	1.8				
>= 510.00	1.0		2.0	.6	3.8	1.4	3.8		1.2				
>= 730.00	.7		.6		3.2	.7	3.2		1.2				
>= 1000.00	.4				1.9	.7	2.5		1.2				
>= 1500.00	.1						1.2						

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .10	100	100	100	100	100	100	100	100	100	100	100	100	100
>= .30	100	100	100	100	100	100	100	100	100	100	100	99.6	100
>= .40	99.6	98.0	99.4	100	100	100	100	100	100	100	99.3	99.1	99.9
>= .50	98.8	95.8	98.8	100	100	100	100	100	100	100	98.8	96.0	96.7
>= .60	97.6	91.1	96.0	99.9	100	100	100	100	100	100	97.6	95.0	92.1
>= .90	93.1	78.8	88.3	93.3	98.5	100	100	100	100	99.6	95.3	88.0	75.8
>= 1.20	90.4	70.8	82.9	90.5	98.4	100	100	100	100	99.3	93.1	83.3	66.8
>= 1.50	87.7	60.5	77.8	89.1	98.0	100	100	100	100	98.6	91.7	79.4	58.5
>= 2.10	82.7	46.2	69.9	87.4	96.5	99.9	100	100	100	95.7	84.4	70.7	42.9
>= 2.80	79.3	35.3	63.9	84.8	95.4	99.9	100	100	100	93.6	79.7	64.1	35.7
>= 3.70	74.0	25.0	54.0	78.2	92.2	99.9	100	100	100	89.3	71.8	53.6	25.6
>= 5.00	70.0	20.3	47.8	75.7	90.7	99.7	100	100	99.7	82.1	62.0	45.0	18.2
>= 6.70	65.4	15.9	41.4	71.2	89.1	98.1	100	100	96.2	73.3	52.3	35.9	12.9
>= 8.90	60.3	12.2	34.6	65.7	86.2	95.9	100	100	89.0	61.3	42.6	28.1	10.1
>= 12.00	56.1	8.5	29.4	63.2	83.5	94.8	99.7	98.2	81.7	50.0	34.4	22.8	9.2
>= 16.00	51.3	5.0	23.6	59.1	81.6	92.2	98.0	94.9	72.6	39.4	25.8	17.7	8.1
>= 21.00	47.0	3.5	20.4	53.6	78.1	90.1	96.2	89.6	61.0	31.9	21.8	13.6	6.7
>= 29.00	41.6	3.0	16.5	46.8	71.8	85.5	93.3	81.1	49.3	23.6	16.8	9.0	5.4
>= 38.00	36.3	2.2	14.3	42.5	61.6	77.7	87.1	70.7	39.1	17.6	13.8	7.1	4.7
>= 52.00	29.8	1.5	11.3	36.7	47.2	68.3	76.7	58.3	29.0	12.9	9.9	4.6	4.0
>= 69.00	23.8	1.2	8.9	29.7	38.7	55.5	64.4	41.9	23.7	8.5	7.5	3.6	3.2
>= 92.00	17.6	.5	7.1	22.8	29.2	42.2	46.2	29.6	18.0	6.1	5.4	3.0	2.9
>= 120.00	13.3	.3	5.3	17.6	21.1	32.7	35.2	22.2	13.6	4.4	4.2	2.4	2.2
>= 170.00	8.7	.1	3.6	12.9	14.7	21.2	22.0	13.3	8.7	2.9	2.2	1.6	1.6
>= 220.00	5.4	.1	2.3	7.7	10.0	12.5	13.4	8.1	6.0	2.0	1.4	.8	1.2
>= 300.00	3.6		1.6	5.6	7.3	7.9	8.8	5.5	3.8	1.6	.6	.5	.6
>= 400.00	2.6		1.2	4.1	5.3	6.3	5.6	3.0	3.0	1.2	.5	.2	.4
>= 530.00	1.7		1.1	2.6	4.1	3.6	4.1	1.8	2.2	.8	.2	.2	.1
>= 710.00	1.2		.9	1.7	2.5	2.6	3.0	1.6	1.8	.5	.1		.1
>= 960.00	.7		.6	1.0	1.6	1.3	2.2	.6	.9	.2	.1		
>= 1300.00	.4		.4	.5	.8	.8	1.2	.5	.5	.1			
>= 1700.00	.1		.2	.1	.4	.4	.5	.2	.2				
>= 2300.00			.1		.2	.1	.2						
>= 3100.00			.1										

STATION 03438070 MUDDY FORK LITTLE RIVER NEAR CERULEAN, KY. 1968-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	94.9	78.4	92.0	100	100	100	100	100	100	99.1	95.0	94.4	80.6
>= .02	94.0	76.5	91.3	100	100	100	100	100	100	99.1	93.8	91.8	77.0
>= .03	93.1	73.9	89.3	100	100	100	100	100	100	99.1	93.5	88.6	74.2
>= .04	92.6	73.2	89.3	100	100	100	100	100	100	99.1	90.9	86.5	74.2
>= .06	91.0	68.7	87.7	100	100	100	100	100	100	99.1	88.6	83.9	66.1
>= .09	89.6	66.5	86.3	100	100	100	100	100	100	98.8	84.5	80.9	61.5
>= .10	89.5	66.5	86.3	100	100	99.3	100	100	100	98.8	84.5	80.6	61.2
>= .20	85.3	61.3	80.3	97.4	90.3	95.4	100	100	100	97.3	73.6	75.7	55.5
>= .30	82.6	59.4	75.7	93.9	90.0	94.3	100	100	100	95.8	70.7	68.0	47.6
>= .40	80.8	56.8	74.0	92.6	90.0	93.3	100	100	100	92.4	68.9	63.6	41.8
>= .60	77.7	49.4	71.3	91.0	90.0	92.2	100	100	100	87.6	64.8	58.1	33.3
>= .90	73.9	39.7	69.7	90.6	90.0	92.2	100	100	99.1	75.8	60.4	51.9	24.2
>= 1.30	70.4	32.3	67.3	90.3	90.0	92.2	100	100	97.9	65.5	52.8	42.5	21.5
>= 1.80	66.7	25.2	65.3	90.0	90.0	92.2	100	100	93.8	60.6	39.6	34.6	18.8
>= 2.60	62.7	21.3	59.3	87.4	90.0	92.2	100	100	88.6	53.0	29.3	26.4	17.0
>= 3.80	57.6	19.0	53.3	77.4	89.0	92.2	100	97.7	76.0	42.7	20.5	21.7	15.2
>= 5.60	51.6	11.6	39.7	68.4	87.1	90.8	99.0	94.7	66.3	33.0	15.2	14.1	13.3
>= 8.10	46.1	8.7	31.0	60.0	84.2	87.6	98.1	87.7	54.3	24.2	10.6	11.4	10.3
>= 12.00	40.1	5.8	24.3	49.4	76.1	85.5	93.9	78.3	42.8	15.2	7.6	8.2	8.2
>= 17.00	34.1	3.2	18.7	42.9	64.2	75.2	84.5	68.7	34.3	11.2	6.5	5.6	7.3
>= 25.00	26.8	2.3	13.7	39.4	49.0	60.6	67.7	52.0	25.5	7.0	4.7	4.4	6.1
>= 36.00	20.5	1.3	11.0	31.9	39.0	44.3	54.5	37.0	18.8	4.5	3.2	3.2	4.8
>= 52.00	15.4	1.0	8.3	24.2	30.0	34.0	40.0	27.3	13.5	3.3	2.6	2.3	4.5
>= 76.00	11.5	.9	7.3	18.7	22.2	25.8	29.6	20.6	8.7	1.8	2.0	1.7	3.3
>= 110.00	8.3	.6	5.6	14.5	18.0	16.3	21.6	15.6	5.5	.9	1.7	1.1	1.8
>= 160.00	5.8	.6	5.0	10.3	11.6	10.6	14.8	11.0	3.5	.9	1.1	1.1	1.2
>= 230.00	4.2	.6	4.0	5.8	8.7	7.8	11.2	9.0	2.9	.3	.8	.8	.6
>= 340.00	2.8	.3	1.6	4.8	6.1	4.9	7.7	6.0	2.0	.3	.5	.5	.3
>= 490.00	1.8	.3	.6	2.2	5.8	3.5	4.8	3.3	1.4	.3	.2	.5	
>= 710.00	1.3	.3	.3	1.6	4.8	2.8	2.5	2.0	.8	.3	.2	.2	
>= 1000.00	.7			1.2	2.9	2.1	1.6	.6	.2	.3	.2	.2	
>= 1500.00	.4			.6	1.2	1.4	1.2			.3		.2	
>= 2200.00				.3									

STATION 03438220 CUMBERLAND RIVER NEAR GRAND RIVERS, KY. 1939-1963 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 453	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 540	100	99.9	100	100	100	100	100	100	100	99.9	100	100	99.7
>= 650	99.7	98.2	100	100	100	100	100	100	100	99.9	99.9	99.9	99.0
>= 750	99.3	94.8	99.9	100	100	100	100	100	100	99.9	99.5	99.7	98.5
>= 950	98.9	92.1	99.6	100	100	100	100	100	100	99.9	98.9	99.3	96.7
>= 1100	98.5	89.9	99.4	100	99.9	100	100	100	100	99.7	98.9	98.9	95.7
>= 1400	97.3	82.5	98.3	100	99.6	100	100	100	99.6	99.6	98.1	97.3	93.2
>= 1600	96.6	78.0	97.8	99.0	99.6	100	100	100	99.6	99.2	97.6	97.2	91.1
>= 2000	95.0	72.9	94.2	98.3	99.6	100	100	100	99.3	98.9	96.5	94.8	85.8
>= 2400	93.3	67.9	89.9	97.9	98.9	100	100	100	98.5	98.6	94.8	92.1	81.1
>= 2900	91.1	61.2	85.1	97.3	98.5	99.8	100	100	98.3	96.9	91.9	89.8	74.4
>= 3400	88.6	56.0	80.4	94.8	98.3	99.7	100	100	98.0	94.4	88.8	84.8	68.8
>= 4100	85.6	50.6	74.9	91.3	98.0	99.5	100	100	96.9	93.5	82.8	77.2	63.2
>= 5000	82.2	46.4	69.3	89.6	97.8	99.2	99.4	100	95.3	90.4	75.7	69.4	55.4
>= 6000	78.3	38.7	63.0	86.5	97.6	98.9	99.3	99.9	92.7	85.6	70.4	61.6	47.4
>= 7200	74.3	33.1	58.3	83.9	96.8	96.6	99.2	99.9	91.1	80.6	62.4	53.5	39.2
>= 8600	70.2	26.6	53.3	80.6	95.2	94.9	99.0	99.3	86.8	73.9	56.3	45.3	32.8
>= 10000	65.7	20.5	46.5	76.6	92.7	94.1	99.0	98.3	81.7	69.2	50.0	36.3	25.8
>= 12000	60.1	15.3	39.3	71.5	89.2	93.1	97.8	96.8	75.8	57.6	42.5	27.2	18.1
>= 15000	53.3	9.3	30.1	62.0	83.2	89.7	96.8	94.6	67.6	44.9	32.8	19.6	11.0
>= 18000	47.5	5.3	22.6	55.4	76.4	82.0	95.8	92.6	58.7	34.2	22.4	13.7	7.9
>= 22000	39.5	1.7	15.9	43.5	68.0	75.3	91.7	86.5	44.4	23.5	12.5	5.8	3.8
>= 26000	34.7	1.1	11.6	38.7	64.4	68.1	87.2	79.6	36.6	15.6	6.7	2.4	2.4
>= 31000	29.8	1.1	8.9	33.5	57.2	59.4	81.3	70.4	28.8	8.1	3.4	.5	1.5
>= 38000	24.5	.9	6.9	27.6	45.7	51.6	73.7	57.9	19.4	3.8	2.0		1.1
>= 45000	20.2	.8	5.2	22.1	39.4	42.3	64.2	45.8	13.7	2.0	1.3		.4
>= 55000	14.9	.4	2.7	14.7	31.2	34.3	49.5	31.5	9.4	.8	.8		
>= 66000	11.2		1.7	10.3	26.5	26.5	38.2	20.6	5.2	.6	.1		
>= 79000	7.9		1.0	6.5	21.3	17.7	26.2	13.6	2.0	.4			
>= 95000	4.4		.8	3.5	13.3	11.8	15.4	4.5					
>= 110000	2.7		.7	1.6	7.5	4.9	9.9	1.9					
>= 140000	.8				2.9	2.6	2.2	.4					
>= 160000	.3				.9		.7						
>= 200000													

STATION 03438220 CUMBERLAND RIVER NEAR GRAND RIVERS, KY. 1965-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 0	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 50	100	100	100	100	100	100	100	100	100	100	99.8	100	100
>= 64	100	99.9	100	100	100	100	100	100	100	100	99.8	100	100
>= 83	100	99.9	100	100	100	100	100	100	100	99.9	99.8	100	100
>= 110	99.9	99.9	99.9	100	100	100	100	99.6	100	99.9	99.8	100	100
>= 140	99.9	99.9	99.9	100	100	100	100	99.6	100	99.9	99.8	100	100
>= 180	99.9	99.9	99.9	100	100	100	100	99.6	100	99.9	99.8	100	100
>= 220	99.9	99.9	99.9	100	100	100	100	99.6	100	99.9	99.8	100	100
>= 290	99.9	99.9	99.9	100	100	100	100	99.6	100	99.9	99.8	100	100
>= 370	99.9	99.9	99.9	100	100	100	100	99.6	100	99.9	99.8	100	100
>= 480	99.9	99.9	99.9	100	100	100	100	99.6	100	99.9	99.8	100	100
>= 610	99.9	99.9	99.9	100	100	100	100	99.6	100	99.9	99.7	100	100
>= 790	99.9	99.8	99.9	100	100	100	100	99.6	100	99.9	99.7	99.8	100
>= 1000	99.9	99.8	99.9	100	99.9	100	100	99.6	100	99.9	99.7	99.8	99.9
>= 1300	99.8	99.4	99.8	100	99.8	100	100	99.6	100	99.9	99.3	99.7	99.6
>= 1700	99.6	98.5	99.6	100	99.7	100	100	99.6	100	99.9	99.0	99.3	99.5
>= 2100	99.3	97.0	99.2	100	99.5	100	100	99.6	100	99.9	98.7	97.8	99.2
>= 2800	98.4	93.4	98.0	100	98.7	100	100	99.4	100	99.6	98.0	96.4	96.3
>= 3500	97.5	90.8	95.0	99.8	98.6	100	100	99.0	99.9	99.5	97.0	93.0	93.6
>= 4500	95.7	85.8	92.0	98.5	98.4	100	100	98.5	99.9	99.3	93.3	88.1	90.6
>= 5800	92.5	78.2	86.0	95.6	98.0	100	100	95.6	99.2	96.1	89.9	80.0	83.6
>= 7500	86.7	65.6	79.8	90.7	96.8	99.9	99.5	92.6	96.5	91.4	42.9	69.8	65.5
>= 9600	81.4	86.6	70.0	87.9	95.0	99.1	91.2	93.3	85.8	75.8	59.3	54.2	
>= 12000	74.2	45.3	62.1	82.0	91.6	98.0	97.4	86.8	87.7	74.6	63.6	48.0	42.7
>= 16000	65.8	33.2	50.9	74.5	87.0	95.0	94.9	84.7	81.6	60.5	50.0	34.5	30.8
>= 20000	57.0	22.8	41.9	66.5	81.7	89.3	92.9	81.9	69.8	48.0	34.3	22.0	22.7
>= 26000	47.3	15.0	31.9	57.3	75.0	80.2	88.0	76.1	57.6	34.1	19.1	8.8	13.4
>= 34000	37.6	10.5	24.1	49.4	65.8	69.7	79.9	67.1	43.6	16.6	10.5	2.0	7.0
>= 43000	29.8	7.8	17.1	39.9	54.8	59.6	70.3	55.0	32.1	10.3	6.9	.8	3.2
>= 56000	19.8	5.7	10.9	27.7	39.2	40.9	48.1	35.2	19.7	5.0	4.6		1.1
>= 72000	8.8	.3	1.3	11.5	17.7	23.6	26.1	17.8	6.2	1.7	.2		
>= 92000	4.0	.1	1.0	7.2	5.8	10.2	14.6	8.3	1.2				
>= 120000	1.4		.3	1.4	1.4	3.9	6.2	3.9	.1				
>= 150000	.3			.9		2.7	.2						
>= 200000							.1						

STATION 03438220 CUMBERLAND RIVER NEAR GRAND RIVERS, KY. 1939-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 50	100	100	100	100	100	100	100	100	100	100	99.8	100	100
>= 64	100	99.9	100	100	100	100	100	100	100	100	99.8	100	100
>= 83	100	99.9	100	100	100	100	100	100	100	99.9	99.8	100	100
>= 110	100	99.9	99.9	100	100	100	100	99.9	100	99.9	99.8	100	100
>= 140	99.9	99.9	99.9	100	100	100	100	99.7	100	99.9	99.8	100	100
>= 180	99.9	99.9	99.9	100	100	100	100	99.7	100	99.9	99.8	100	100
>= 230	99.9	99.9	99.9	100	100	100	100	99.7	100	99.9	99.8	100	100
>= 290	99.9	99.9	99.9	100	100	100	100	99.7	100	99.9	99.8	100	100
>= 370	99.9	99.9	99.9	100	100	100	100	99.7	100	99.9	99.8	100	100
>= 480	99.9	99.8	99.9	100	100	100	100	99.7	100	99.8	99.8	100	100
>= 620	99.8	99.1	99.9	100	100	100	100	99.7	100	99.8	99.8	100	99.7
>= 790	99.5	96.8	99.8	100	100	100	100	99.7	100	99.8	99.4	100	99.1
>= 1000	99.1	94.5	99.6	100	99.9	100	100	99.7	100	99.8	99.1	99.8	97.5
>= 1300	98.6	91.3	99.1	100	99.8	100	100	99.7	100	99.7	98.6	99.6	96.8
>= 1700	97.6	85.7	98.2	99.4	99.7	100	100	99.7	99.8	99.4	98.1	98.7	93.7
>= 2200	96.3	81.5	94.7	98.9	99.5	100	100	99.7	99.4	99.2	96.9	97.9	90.1
>= 2800	94.7	76.7	91.6	98.5	99.1	100	100	99.6	98.9	98.1	95.3	95.9	85.0
>= 3600	92.4	72.0	86.7	96.5	99.0	99.7	100	99.3	98.7	96.0	92.1	93.9	79.8
>= 4600	89.6	67.0	83.0	93.5	98.6	99.7	99.8	98.8	97.4	94.6	85.9	89.5	74.3
>= 5900	85.5	59.8	76.1	89.9	98.5	99.3	99.6	96.8	95.3	89.9	81.0	83.3	65.6
>= 7600	79.8	49.5	69.6	85.2	97.2	97.6	99.2	94.4	92.3	82.6	72.8	75.6	52.1
>= 9800	74.4	42.4	60.2	80.9	94.5	96.4	98.9	92.6	87.3	76.4	65.3	66.4	42.8
>= 13000	65.9	32.3	50.3	72.9	88.6	95.0	96.3	88.3	79.7	61.1	53.1	56.5	31.3
>= 16000	60.2	25.4	43.3	67.0	84.7	92.8	94.9	85.9	73.8	51.6	43.4	43.9	24.7
>= 21000	50.2	16.3	32.8	57.3	76.4	85.2	91.6	80.5	59.6	37.8	26.6	38.1	16.4
>= 27000	41.9	11.4	24.0	50.2	70.8	76.5	86.3	73.2	48.4	25.7	15.7	24.8	9.5
>= 34000	34.5	8.4	19.2	44.1	62.9	68.0	79.0	63.2	37.7	14.3	8.6	15.2	5.8
>= 44000	26.7	5.8	12.8	34.7	52.5	57.8	67.4	49.4	26.3	8.1	5.2	6.3	2.3
>= 57000	17.7	4.0	7.8	22.1	38.6	41.0	46.4	31.1	15.2	4.0	3.2	1.4	.7
>= 73000	8.8	.2	.9	9.5	22.0	26.2	27.2	16.3	4.3	1.3	.1	.4	
>= 94000	4.2		.7	5.1	11.6	13.3	13.8	6.5	.7				
>= 120000	1.8		.2	1.1	4.6	6.2	6.9	2.8					
>= 150000	.5				2.1	2.4	2.0	.1					

STATION 03609500 TENNESSEE RIVER NEAR PADUCAH, KY. 1890-1934 NO REGULATION

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 0	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 3500	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 4000	99.9	99.7	100	100	100	100	100	100	100	100	100	100	99.6
>= 4700	99.8	99.2	100	100	100	100	100	100	100	100	100	100	98.9
>= 5400	99.8	98.9	100	100	100	100	100	100	100	100	100	100	98.3
>= 6200	99.7	98.9	100	100	100	100	100	100	100	100	100	99.9	97.9
>= 7200	99.6	98.5	99.7	100	100	100	100	100	100	100	100	99.5	97.8
>= 8300	99.4	97.7	96.8	100	100	100	100	100	100	100	100	98.6	97.8
>= 9600	98.8	93.4	87.3	99.7	100	100	100	100	100	100	100	98.2	97.0
>= 11000	96.5	82.9	74.3	98.0	100	100	100	100	100	100	99.9	97.7	92.2
>= 13000	92.5	68.2	62.9	95.8	100	100	100	100	100	99.4	97.4	95.2	79.9
>= 15000	88.4	54.8	51.2	91.6	99.8	100	100	100	100	97.8	93.5	91.3	69.3
>= 17000	83.9	44.7	41.9	87.4	99.3	100	100	100	100	94.0	89.4	83.6	57.6
>= 20000	77.9	34.6	36.3	82.3	97.2	99.1	100	100	99.6	88.0	79.7	69.7	43.6
>= 23000	72.3	27.6	31.4	76.9	94.2	97.7	99.9	99.3	97.6	80.0	67.7	57.5	33.5
>= 26000	67.2	22.9	26.7	72.4	91.4	95.9	99.1	98.6	94.2	72.2	56.5	45.3	27.2
>= 30000	60.8	17.3	22.0	64.7	88.4	94.1	97.4	97.8	85.9	61.2	45.0	33.6	18.8
>= 35000	54.8	13.1	9.1	55.2	84.8	91.4	97.0	95.8	75.3	50.1	36.0	24.5	14.1
>= 41000	48.5	9.5	7.8	47.0	79.4	88.1	94.0	91.2	65.2	41.2	26.6	16.3	9.9
>= 47000	44.2	8.0	6.4	41.8	74.9	84.4	89.6	87.6	58.2	35.1	19.5	12.1	8.5
>= 54000	39.4	5.3	5.5	36.0	71.5	77.7	83.7	83.3	47.9	28.2	15.4	8.6	6.5
>= 63000	33.8	3.0	4.3	29.2	64.6	69.2	77.0	76.4	37.0	20.9	12.6	5.3	4.0
>= 72000	29.5	2.5	3.1	24.2	57.6	62.6	70.3	68.7	29.3	15.9	10.4	4.2	2.2
>= 83000	25.0	1.9	1.8	19.7	47.3	54.4	64.4	60.1	23.3	10.9	8.6	3.4	1.4
>= 96000	21.2	1.6	1.5	14.0	40.2	48.2	57.8	52.7	18.6	8.0	5.9	2.5	.7
>= 110000	18.1	1.3	.7	11.7	33.1	43.5	53.6	43.1	14.8	6.0	4.4	2.1	.5
>= 130000	13.8	.9		9.22	3.4	35.2	41.8	34.1	10.6	4.4	2.5	1.6	
>= 150000	10.7	.7		6.1	18.9	27.5	36.8	24.3	7.6	2.6	2.0	1.4	
>= 170000	8.5	.4		4.0	14.7	21.4	33.6	19.0	4.7	1.5	1.4	1.1	
>= 200000	5.2	.1		1.2	6.6	15.4	23.3	12.9	1.1	.5	.8	.5	
>= 230000	3.2			.6	3.3	10.1	17.8	6.3		.1	.6		
>= 260000	1.1			.3	.9	3.2	7.0	2.6					
>= 310000	.1			.1	.6		1.4						
>= 350000							.7						
>= 410000													

STATION 03609500 TENNESSEE RIVER NEAR PADUCAH, KY. 1936-1978 REGULATED

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 0	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 60	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 79	100	100	100	100	100	100	100	100	99.9	100	100	100	100
>= 100	100	100	100	100	100	100	100	100	99.9	100	100	100	100
>= 140	100	100	100	100	100	100	100	100	99.9	100	100	100	100
>= 180	100	100	100	100	100	100	100	99.7	99.9	100	100	100	100
>= 230	99.9	100	100	100	100	100	100	99.4	99.8	100	100	100	100
>= 310	99.9	100	100	100	100	100	100	99.1	99.8	100	99.9	100	100
>= 400	99.9	100	100	100	100	100	100	99.1	99.8	100	99.9	100	100
>= 530	99.9	100	100	100	100	100	100	99.1	99.8	99.8	99.9	100	99.9
>= 690	99.9	100	100	100	100	100	100	99.0	99.8	99.8	99.9	100	99.8
>= 910	99.9	100	100	100	100	100	100	99.0	99.8	99.1	99.9	100	99.8
>= 1200	99.9	100	100	100	100	100	100	99.0	99.8	99.8	99.9	100	99.8
>= 1600	99.9	100	100	100	100	100	100	99.0	99.8	99.8	99.9	100	99.8
>= 2100	99.9	100	100	100	100	100	100	99.0	99.8	99.8	99.9	100	99.8
>= 2700	99.9	100	100	100	100	100	100	99.0	99.8	99.8	99.9	100	99.8
>= 3500	99.9	100	100	100	100	100	100	98.9	99.8	99.8	99.9	100	99.8
>= 4600	99.8	100	100	100	100	100	100	98.8	99.8	99.7	99.9	99.9	98.9
>= 6100	99.8	100	100	100	100	100	100	98.7	99.8	99.6	99.8	99.8	99.6
>= 8000	99.7	99.9	100	100	100	100	100	98.1	99.8	99.6	99.8	99.8	99.5
>= 11000	99.5	98.7	99.9	100	100	100	100	97.2	99.6	99.6	99.8	99.8	99.5
>= 14000	99.2	98.0	99.8	99.5	100	100	99.8	96.0	99.6	99.5	99.5	99.7	99.3
>= 18000	98.0	94.1	95.7	97.3	99.2	100	99.7	95.7	99.6	98.6	99.1	99.2	97.5
>= 24000	93.5	84.3	91.5	92.3	96.3	99.1	99.3	92.7	96.3	91.9	96.8	95.3	86.3
>= 31000	81.9	62.1	74.4	80.9	92.8	96.9	97.4	86.2	87.2	80.6	81.6	78.2	64.7
>= 41000	57.8	29.2	46.6	65.2	85.5	90.0	93.3	72.4	65.4	45.8	39.0	35.4	27.2
>= 54000	37.1	8.1	25.3	47.2	72.6	80.4	83.0	53.5	36.4	14.1	10.5	9.1	6.7
>= 71000	24.4	.9	9.4	33.0	55.1	65.5	61.0	36.6	21.1	5.5	3.3	2.8	1.3
>= 93000	18.0	.5	5.1	26.2	45.0	52.2	43.3	25.5	13.4	3.0	1.8	1.2	.9
>= 120000	12.3	.3	2.7	18.6	32.5	39.5	29.1	16.8	6.7	1.8	.8		.6
>= 160000	7.4	.1	1.9	11.1	22.6	25.7	18.6	8.1	1.9	.4			
>= 210000	3.9		1.2	4.7	13.2	15.0	9.0	4.5	.3				
>= 270000	1.4		1.0	1.2	5.4	5.9	2.8	1.7					
>= 360000	.2				.7	1.8	.6						
>= 410000						.2							

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 0	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 60	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 79	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 100	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 140	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 180	100	100	100	100	100	100	100	99.9	100	100	100	100	100
>= 230	100	100	100	100	100	100	100	99.7	99.9	100	100	100	100
>= 310	100	100	100	100	100	100	100	99.6	99.9	100	100	100	100
>= 400	100	100	100	100	100	100	100	99.6	99.9	100	100	100	100
>= 530	99.9	100	100	100	100	100	100	99.6	99.9	100	100	100	100
>= 690	99.9	100	100	100	100	100	100	99.5	99.9	99.9	100	100	100
>= 910	99.9	100	100	100	100	100	100	99.5	99.9	99.9	100	100	99.9
>= 1200	99.9	100	100	100	100	100	100	99.5	99.9	99.9	100	100	99.9
>= 1600	99.9	100	100	100	100	100	100	99.5	99.9	99.9	100	100	99.9
>= 2100	99.9	100	100	100	100	100	100	99.5	99.9	99.9	100	100	99.9
>= 2700	99.9	100	100	100	100	100	100	99.5	99.9	99.9	100	100	99.9
>= 3500	99.9	100	100	100	100	100	100	99.5	99.9	99.9	100	100	99.9
>= 4600	99.9	99.6	100	100	100	100	100	99.4	99.9	99.9	100	100	99.3
>= 6100	99.8	99.5	100	100	100	100	100	99.4	99.9	99.8	99.9	99.9	98.7
>= 8000	99.6	98.9	99.7	100	100	100	100	99.1	99.9	99.8	99.9	99.3	98.7
>= 11000	98.0	90.5	93.4	99.0	100	100	100	98.7	99.8	99.8	99.9	98.7	95.8
>= 14000	94.9	79.5	84.1	96.8	100	100	99.9	98.1	99.8	99.1	97.8	97.0	86.7
>= 18000	89.6	66.6	70.3	91.2	99.0	99.9	99.9	97.9	99.8	94.9	93.1	88.5	74.2
>= 24000	81.5	53.8	62.0	83.5	94.7	98.0	99.4	96.1	96.4	84.3	79.8	73.1	57.3
>= 31000	70.4	38.7	49.5	71.5	90.3	95.3	97.4	92.1	85.7	69.6	61.8	54.3	40.4
>= 41000	53.0	19.0	31.1	55.8	82.3	89.0	93.6	82.1	65.3	43.4	32.6	35.5	18.3
>= 54000	38.3	6.6	18.4	41.4	72.0	78.7	83.3	68.9	42.3	21.4	13.0	8.8	6.6
>= 71000	27.3	1.8	8.5	28.8	56.6	64.3	66.2	53.8	25.7	11.2	7.1	3.6	2.0
>= 93000	20.1	1.0	5.4	20.4	43.2	50.9	51.7	40.3	16.5	6.0	4.3	2.0	1.0
>= 120000	14.0	.6	3.2	14.1	30.9	39.5	37.0	27.8	9.6	3.4	1.9	.9	.4
>= 160000	8.6	.4	1.7	8.1	19.7	25.5	27.4	15.4	4.0	1.2	.8	.6	
>= 210000	4.2		.8	2.7	9.3	14.5	15.4	6.8	.6	.1	.3	.2	
>= 270000	1.2		.4	.7	2.9	4.1	4.6	1.9					
>= 360000	.1				.3	.9	.6						
>= 410000						.1							

STATION 03610000 CLARKS RIVER AT MURRAY, KY. 1952-1971

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .10	86.8	66.6	88.3	100	100	100	100	100	100	95.2	100	62.1	45.3
>= .20	85.3	62.7	87.5	100	100	100	100	100	100	92.3	84.7	58.7	42.0
>= .30	84.1	60.0	85.2	100	100	100	100	100	100	89.8	81.5	56.0	40.2
>= .40	82.8	57.1	82.3	99.8	100	100	100	100	100	87.2	78.4	52.6	38.7
>= .60	80.5	51.1	78.0	97.9	100	100	100	100	99.0	79.0	77.1	48.4	36.2
>= .80	77.6	44.7	75.5	92.1	99.0	100	100	99.5	97.6	72.0	72.9	44.8	32.7
>= 1.10	74.0	36.8	68.2	89.8	97.4	100	100	99.3	95.5	64.8	67.7	38.7	28.0
>= 1.60	69.8	30.2	62.5	82.3	94.4	99.8	100	99.2	91.9	54.5	63.2	33.5	23.5
>= 2.30	65.1	21.9	53.5	76.1	91.8	99.3	100	98.5	88.7	45.8	57.4	27.3	21.0
>= 3.30	60.0	17.4	43.0	68.2	86.3	98.9	100	96.8	81.6	38.3	50.2	22.7	16.3
>= 4.60	55.6	15.0	36.8	63.2	82.1	98.1	99.8	93.3	70.8	30.7	45.2	19.5	14.0
>= 6.50	50.5	11.6	31.8	54.7	75.8	96.8	97.3	90.2	61.8	24.8	38.4	16.5	11.2
>= 9.30	44.7	8.1	25.5	46.3	68.4	91.0	94.0	85.0	50.5	20.3	31.0	13.5	8.0
>= 13.00	39.6	6.0	18.2	41.3	63.2	85.5	89.8	76.2	41.3	16.5	24.7	11.6	5.8
>= 19.00	33.4	3.9	14.5	37.4	55.6	76.1	77.9	62.0	32.4	13.5	18.7	9.0	4.8
>= 26.00	28.2	3.2	11.5	31.8	47.1	64.6	67.9	53.2	26.3	11.5	13.7	6.6	3.7
>= 37.00	23.0	2.7	8.7	27.3	38.4	52.7	56.5	41.8	21.0	9.3	11.1	5.2	3.2
>= 53.00	18.3	1.6	6.5	22.3	29.4	49.4	44.0	33.2	17.4	7.8	8.5	4.2	2.3
>= 75.00	14.8	1.6	5.3	19.0	22.6	36.3	34.4	26.5	13.7	5.7	6.9	3.7	1.8
>= 110.00	11.2	1.0	4.5	14.2	17.3	26.7	26.5	20.5	10.6	4.0	5.8	2.9	1.2
>= 150.00	9.1	.5	3.3	11.6	14.4	22.1	21.6	17.3	9.4	2.7	4.5	1.6	1.2
>= 210.00	6.8	.3	2.5	8.9	10.2	16.8	15.8	13.5	7.4	2.2	3.5	.6	.8
>= 300.00	5.5	.2	2.3	8.1	7.1	13.8	13.1	10.7	6.0	1.8	2.6	.6	.5
>= 430.00	4.2		2.0	5.8	5.6	10.6	10.9	7.3	4.3	1.6	1.8	.3	.5
>= 610.00	3.2		1.5	4.5	4.5	8.4	9.0	5.1	3.2	.8	1.4		.5
>= 870.00	2.3		1.3	3.8	3.8	5.8	6.9	3.1	2.2	.5	1.1		.3
>= 1200.00	1.7		1.1	3.0	2.4	3.7	5.9	2.0	1.6	.1	.1		
>= 1700.00	.9		.6	1.6	1.4	2.3	3.0	1.1	1.2		.1		
>= 2500.00	.6		.5	.9	1.1	1.5	2.4	.1	.6		.1		
>= 3500.00	.3		.3	.1	.4	1.2	1.1	.1	.4				
>= 5000.00			.1			.1	.3						
>= 7100.00			.1				.3						
>= 10000.00			.1				.1						

STATION 03610500 CLARKS RIVER NEAR BENTON, KY. 1938-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 1.8	95.6	97.3	97.2	97.2	97.2	96.1	95.3	94.6	94.6	94.6	94.6	94.6	94.6
>= 2.5	95.3	96.4	97.2	97.2	97.2	96.1	95.3	94.6	94.6	94.6	94.6	92.5	93.3
>= 3.3	93.1	87.3	95.5	97.2	97.2	96.1	95.3	94.6	94.6	94.6	93.7	87.9	83.2
>= 4.3	89.6	73.5	89.0	97.0	97.2	96.1	95.3	94.6	94.6	94.4	92.2	80.0	71.8
>= 5.7	84.8	59.1	84.4	94.2	97.2	96.1	95.3	94.6	93.7	92.2	85.6	71.3	54.9
>= 7.5	80.5	48.7	78.3	90.1	97.2	96.1	95.3	94.6	93.2	88.4	79.6	58.8	47.2
>= 9.8	76.2	41.2	68.9	85.8	96.1	95.3	95.3	94.6	92.1	82.5	72.4	50.1	40.5
>= 13.0	71.7	35.6	61.6	78.7	92.7	95.2	95.0	94.6	89.2	76.2	63.6	42.5	34.6
>= 17.0	66.6	28.3	55.4	75.9	90.3	94.6	93.4	93.8	83.7	64.9	52.4	34.5	27.7
>= 22.0	61.8	23.9	51.0	71.8	86.8	94.0	92.7	92.5	74.4	54.6	43.2	29.5	20.2
>= 29.0	56.4	19.0	44.0	64.6	82.7	92.1	91.0	90.5	59.5	45.5	34.4	23.8	16.0
>= 39.0	49.8	12.6	33.2	57.4	77.0	89.4	87.1	86.6	48.1	35.2	27.0	19.1	13.2
>= 51.0	44.0	10.1	25.4	50.4	71.7	83.5	82.7	79.1	39.0	29.3	21.3	15.9	10.1
>= 67.0	38.8	7.4	21.6	42.7	65.5	77.6	49.6	71.1	32.2	23.4	16.8	13.3	8.0
>= 88.0	33.8	5.5	17.7	37.9	57.8	71.0	41.2	61.8	25.8	17.7	13.3	10.9	6.3
>= 120.0	28.2	4.1	14.1	32.8	47.5	63.1	34.0	51.1	22.2	14.0	10.1	8.2	5.0
>= 150.0	24.4	3.3	11.8	28.8	40.9	56.7	29.4	42.6	18.8	11.7	8.2	7.0	4.1
>= 200.0	20.5	2.6	10.1	24.6	33.8	48.6	23.6	34.9	15.4	9.8	6.9	5.0	3.3
>= 260.0	16.9	2.0	7.9	20.5	28.0	40.7	20.6	28.9	11.8	8.2	5.7	3.7	2.5
>= 350.0	13.8	1.3	6.7	16.8	24.0	33.8	17.2	23.2	9.9	6.3	4.5	2.9	2.3
>= 450.0	11.8	1.1	5.7	14.7	20.3	29.5	12.6	19.8	8.3	5.2	3.5	2.0	1.8
>= 600.0	9.6	.5	4.7	12.0	17.6	24.1	8.0	15.9	6.5	3.9	2.8	1.5	1.4
>= 790.0	7.9	.4	3.4	10.2	15.2	19.5	5.9	13.7	5.5	2.8	1.8	1.2	1.0
>= 1000.0	6.4	.1	3.0	8.2	12.7	15.8	3.8	10.9	4.0	1.7	1.3	.7	.8
>= 1400.0	4.7		2.5	6.7	9.5	11.6	2.1	8.3	2.9	.4	.6	.4	.5
>= 1800.0	3.4		1.6	4.9	7.4	9.3	.9	5.4	2.0	.2	.5	.2	.4
>= 2400.0	2.4		1.2	3.4	5.4	6.7	.5	3.6	1.4		.3	.1	.3
>= 3100.0	1.6		1.1	2.1	3.7	4.5	.2	2.3	.9		.2		.3
>= 4100.0	.9		.8	1.2	2.4	2.8	.1	1.0	.5		.1		.3
>= 5300.0	.5		.4	.8	1.4	1.5		.8	.4				
>= 7000.0	.2		.1	.4	.4	.9		.1	.1				
>= 9300.0						.2							
>= 12000.0													
>= 16000.0													

STATION 03610545 WEST FORK CLARKS RIVER NEAR BREWERS, KY. 1969-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 1.3	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 1.8	99.9	100	100	100	100	100	100	100	100	100	99.0	100	100
>= 2.3	99.5	100	100	100	100	100	100	100	100	100	98.4	98.7	97.0
>= 3.0	98.7	100	100	100	100	100	100	100	100	100	96.5	95.5	92.7
>= 3.8	97.7	100	100	100	100	100	100	100	100	98.3	93.2	91.3	90.0
>= 4.9	94.2	92.6	99.3	100	100	98.6	100	100	100	92.7	88.7	85.5	73.7
>= 6.2	88.5	76.8	98.3	100	98.4	97.9	100	100	99.0	83.3	79.4	73.2	56.3
>= 8.0	81.8	62.9	93.7	100	91.9	94.3	100	100	97.7	74.0	65.5	59.4	43.0
>= 10.0	74.0	49.0	76.0	95.5	90.0	92.9	100	100	93.5	66.3	49.7	45.2	31.3
>= 13.0	67.1	37.7	67.7	86.5	90.0	91.8	100	100	81.9	52.7	37.7	38.1	22.7
>= 17.0	59.3	20.3	54.3	79.7	90.0	91.1	99.7	94.3	67.1	41.0	29.0	30.3	16.7
>= 22.0	52.1	10.6	41.7	72.9	86.5	90.4	97.4	85.7	57.1	30.3	22.3	21.0	12.0
>= 28.0	45.8	7.1	32.3	63.2	81.3	88.3	88.4	79.7	45.8	22.3	18.4	15.5	10.0
>= 36.0	39.5	4.2	25.0	55.5	69.4	80.9	79.7	73.3	37.1	18.7	14.5	11.0	7.3
>= 46.0	33.7	3.2	21.3	48.4	60.3	69.9	66.1	63.0	31.3	16.0	12.6	8.7	5.3
>= 58.0	27.6	2.6	17.3	41.0	49.4	56.0	57.4	52.3	24.8	12.0	10.0	6.1	4.3
>= 75.0	22.1	1.6	13.0	34.5	40.0	43.6	47.1	42.0	19.7	9.0	7.4	4.8	4.0
>= 96.0	18.1	1.3	10.3	27.7	34.5	35.5	38.7	34.7	16.5	7.3	5.2	3.2	3.0
>= 120.0	14.9	1.3	9.0	22.9	27.7	30.1	31.9	28.7	13.5	5.7	4.5	1.9	2.3
>= 160.0	11.7	1.0	8.3	18.1	21.3	23.8	25.2	22.3	10.0	4.3	3.9	1.6	1.3
>= 200.0	9.2	.3	5.7	13.2	18.4	17.4	21.3	17.7	8.1	3.3	2.9	1.0	.7
>= 260.0	7.0		5.7	10.3	12.9	12.4	17.1	13.0	7.1	1.3	2.6	1.0	.7
>= 330.0	5.2		5.3	7.7	10.0	8.2	13.2	9.7	4.2	.3	2.3	1.0	.7
>= 430.0	3.8		3.6	4.5	7.7	6.3	9.6	7.3	2.5	.3	2.2	.6	.6
>= 550.0	2.5		2.3	3.2	5.8	4.6	5.4	5.0	1.6	.3	1.2	.3	.3
>= 700.0	2.0		2.0	2.5	3.3	3.9	3.8	5.0	1.2	.3	1.2		.3
>= 900.0	1.2		.6	1.6	3.2	2.8	2.9	2.6	.6	.3	.6		
>= 1200.0	.9		.6	.9	2.2	1.7	2.2	2.0	.3	.3	.3		
>= 1500.0	.7		.6	.9	1.6	1.4	1.6	1.6	.3	.3	.3		
>= 1900.0	.4		.6	.6	.9	1.4	1.2	.6	.3				
>= 2400.0	.4		.3	.6	.9	1.4	1.2	.6					
>= 3100.0	.1		.3	.3		.7	.9						
>= 4000.0	.1			.3			.9						
>= 5200.0							.3						

STATION 03611260 MASSAC CREEK NEAR PADUCAH, KY. 1972-1978

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .08	100	100	100	100	100	100	100	100	100	100	100	100	100
>= .10	99.8	100	98.1	100	100	100	100	100	100	100	100	100	100
>= .20	98.7	97.7	89.5	100	100	100	100	100	100	100	100	100	96.7
>= .30	93.9	81.1	84.3	100	100	100	100	100	100	93.8	99.5	93.1	75.2
>= .40	86.5	62.2	81.4	98.6	100	100	100	100	100	86.2	77.9	73.3	58.6
>= .50	78.1	51.2	78.1	95.9	98.2	100	100	100	100	69.0	55.3	55.3	37.1
>= .60	73.4	43.8	73.3	94.0	91.2	97.5	100	100	98.6	61.9	45.6	49.8	32.4
>= .80	67.1	37.3	69.8	87.6	86.2	96.0	100	100	93.1	53.8	35.5	39.6	21.4
>= 1.10	55.7	29.0	62.9	83.9	85.7	92.4	100	97.6	84.3	40.0	29.5	27.2	17.1
>= 1.50	51.2	22.6	52.9	82.5	83.9	89.9	100	90.0	73.7	30.0	24.4	19.8	11.4
>= 2.00	46.9	15.7	41.0	80.6	82.0	86.4	99.5	83.8	63.1	25.2	20.7	17.1	10.5
>= 2.60	42.4	11.5	37.1	71.9	78.8	82.3	99.5	77.6	53.9	20.0	18.0	14.3	9.5
>= 3.40	36.9	7.4	32.4	63.6	72.4	78.8	97.7	67.1	45.6	17.1	16.1	12.0	8.1
>= 4.50	31.7	6.9	31.0	53.0	65.9	67.7	95.4	61.4	40.1	14.3	13.8	8.8	7.1
>= 6.00	26.8	5.5	26.7	47.9	56.7	58.6	82.0	50.0	32.7	11.9	13.4	7.8	4.8
>= 7.90	23.7	3.7	22.9	43.8	44.2	50.0	71.0	41.9	27.6	9.0	11.1	7.8	4.3
>= 10.00	19.6	3.7	18.6	39.6	40.1	41.9	62.2	37.1	21.2	8.1	10.6	6.5	4.3
>= 14.00	16.0	3.2	15.2	32.7	31.8	32.8	55.8	31.9	18.4	6.2	9.7	5.1	3.3
>= 18.00	13.2	2.3	13.3	24.9	24.9	26.8	47.9	24.8	15.2	5.7	8.8	3.7	3.3
>= 24.00	10.6	2.3	11.0	21.2	18.9	21.7	41.5	21.4	12.9	5.7	7.4	1.8	1.9
>= 32.00	8.4	2.3	8.6	16.1	15.2	16.7	35.0	17.6	10.6	4.8	6.0	1.4	1.4
>= 43.00	7.0	2.3	7.1	14.3	12.0	13.1	30.0	13.8	7.8	4.3	4.6	.9	1.4
>= 56.00	5.3	1.8	7.1	11.5	9.7	11.1	22.1	11.4	5.5	3.3	3.7	.9	1.0
>= 74.00	3.7	1.3	6.6	10.1	6.9	8.0	18.0	9.5	4.6	1.4	2.3	.4	.4
>= 98.00	2.9	.9	5.2	5.9	4.6	5.5	14.2	6.6	2.7	.9	1.8	.4	.4
>= 130.00	2.2	.4	4.7	3.6	3.6	3.5	10.1	6.6	1.8	.9	1.8		
>= 170.00	1.6	.4	2.3	2.7	2.3	2.5	7.8	5.7	1.8	.9	1.8		
>= 230.00	1.1		1.4	1.3	1.8	1.5	6.4	4.7	1.3	.9	1.8		
>= 300.00	.8			.9	.9	1.5	4.6	3.3	1.3	.9	1.8		
>= 400.00	.5			.9	.9	1.5	3.2	2.8	.9	.4	.9		
>= 530.00	.3			.4		1.5	2.3	.9	.4	.4	.9		
>= 700.00				.4		1.5	1.8	.9		.4			
>= 930.00						.5	.4						

STATION 03611500 OHIO RIVER AT METROPOLIS, IL. 1928-1978 HISTORICAL

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 15000	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 17000	100	100	100	100	100	100	100	100	100	100	99.8	100	100
>= 20000	99.9	99.8	99.7	100	100	100	100	100	99.9	100	99.1	100	100
>= 23000	99.7	99.2	99.0	100	100	100	100	100	99.9	100	98.6	99.7	99.7
>= 27000	99.2	97.0	98.9	100	100	100	100	100	99.96	100	98.4	98.1	98.5
>= 31000	98.8	95.2	98.5	99.8	100	99.7	100	100	99.9	99.9	98.1	98.9	96.7
>= 36000	98.1	92.4	97.1	99.2	100	99.5	100	100	99.9	99.9	98.1	97.1	94.5
>= 42000	95.9	87.2	93.3	98.9	100	99.4	100	100	99.9	99.2	97.5	95.9	91.7
>= 48000	95.5	82.7	91.0	98.1	99.7	99.4	100	100	99.7	98.5	95.7	94.6	86.4
>= 56000	92.8	74.3	87.7	96.3	99.1	99.0	100	100	99.5	97.3	93.5	90.3	77.1
>= 64000	89.5	64.3	84.1	93.7	97.7	98.1	100	100	99.1	95.9	89.7	85.5	66.5
>= 75000	85.1	56.1	78.7	90.2	95.6	98.8	100	100	98.3	92.7	85.0	75.4	52.3
>= 86000	80.0	44.5	70.3	85.2	93.7	96.7	99.7	100	97.0	89.4	78.6	64.2	41.2
>= 100000	73.0	31.5	56.4	78.1	90.4	94.4	99.2	99.9	94.2	83.3	70.3	50.8	28.1
>= 120000	64.4	19.9	44.7	68.6	86.7	91.3	98.6	98.2	88.9	72.7	55.0	32.9	17.1
>= 130000	60.9	15.9	40.1	65.1	85.0	89.7	98.2	97.2	86.1	67.4	47.4	27.0	13.3
>= 150000	55.6	11.2	33.1	59.3	81.7	87.6	96.3	95.5	80.8	57.5	36.7	19.7	9.3
>= 180000	49.4	7.1	26.3	20.9	77.0	84.1	94.5	92.7	73.8	43.8	23.5	12.5	6.4
>= 210000	43.6	4.8	18.9	45.4	70.7	79.2	91.5	89.3	65.3	32.5	15.5	7.1	4.9
>= 240000	38.7	3.3	13.8	40.8	65.0	74.9	85.5	85.1	57.8	23.8	9.0	4.4	2.8
>= 280000	33.6	1.7	9.7	34.9	58.8	68.7	79.5	77.1	48.1	17.4	5.0	2.5	1.8
>= 320000	29.6	.8	6.8	29.8	53.2	63.2	74.8	68.9	40.8	12.8	2.6	1.9	1.3
>= 370000	24.8	.5	4.5	23.9	45.4	56.3	67.1	60.5	31.7	7.3	1.3	1.4	.2
>= 430000	20.2	.4	3.0	18.1	36.1	48.7	57.5	50.2	24.5	4.4	.8	.5	
>= 500000	16.1	.2	1.5	13.3	29.4	39.9	47.8	42.2	18.1	2.7		.1	
>= 570000	12.6		1.0	9.3	24.5	31.2	41.1	30.8	13.4	1.2			
>= 660000	8.6		.4	4.7	16.8	24.3	29.8	19.6	8.5	.6			
>= 770000	4.6			1.4	8.5	15.7	18.7	8.6	3.2				
>= 890000	2.1			.5	3.8	7.9	10.5	2.8	.2				
>= 1030000	1.0				2.1	4.5	4.0	1.6					
>= 1190000	.3				1.4	2.6							
>= 1380000	.1				.5	.8							
>= 1590000					.1	.6							
>= 1840000						.1							

STATION 07022500 PERRY CREEK NEAR MAYFIELD, KY. 1952-1972

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	53.1	17.8	36.7	51.8	68.4	83.8	87.3	85.9	58.4	44.8	42.7	30.8	30.2
>= .02	51.4	16.8	35.8	50.4	67.7	82.9	87.1	84.3	55.2	41.5	39.6	28.0	28.3
>= .03	46.0	12.7	27.4	43.6	65.5	79.9	86.9	81.5	48.9	33.5	30.1	20.3	22.0
>= .04	45.2	12.4	26.7	43.0	64.5	79.3	86.9	80.9	47.5	31.3	28.3	20.1	21.1
>= .06	41.5	9.5	21.6	39.9	62.1	77.1	84.2	75.9	43.9	26.1	22.9	17.7	16.9
>= .08	40.2	8.7	20.5	38.5	60.4	75.8	83.5	74.6	42.7	24.3	20.8	16.8	15.6
>= .10	38.8	8.1	19.5	37.7	57.9	74.9	81.8	72.0	40.0	23.5	20.1	16.1	14.4
>= .20	30.5	6.6	14.6	30.7	46.0	62.6	64.7	54.3	29.6	18.5	16.7	11.1	10.9
>= .30	24.1	3.9	11.1	26.0	35.1	50.7	51.6	45.4	22.9	12.2	13.3	8.1	9.3
>= .40	20.9	2.5	9.5	23.6	31.4	45.3	44.7	40.4	18.6	10.6	11.1	5.6	7.2
>= .50	18.8	2.4	8.1	22.4	28.5	40.2	40.1	36.1	17.2	9.6	9.0	5.0	6.3
>= .70	16.2	2.0	6.7	20.5	24.4	35.8	35.5	29.6	13.8	8.5	7.2	4.1	5.7
>= .90	14.5	2.0	5.8	18.7	21.7	31.3	30.7	26.3	12.9	7.4	6.8	3.9	5.7
>= 1.20	12.7	2.0	4.9	16.6	17.7	27.6	26.5	23.0	11.6	7.0	6.3	3.8	5.0
>= 1.60	11.3	1.7	4.4	15.1	15.6	23.8	23.8	20.9	10.0	6.1	5.9	3.6	4.6
>= 2.20	9.6	1.7	3.7	11.7	14.6	20.3	20.2	17.4	8.2	5.0	5.0	3.4	3.5
>= 2.90	8.5	1.7	3.5	10.5	12.4	18.4	17.7	14.8	8.1	4.4	4.1	3.2	3.3
>= 4.00	7.4	1.5	3.0	9.0	10.9	15.8	15.4	12.4	7.2	3.3	3.9	3.2	3.0
>= 5.30	6.4	1.2	2.6	8.5	8.8	14.3	13.9	10.0	6.1	2.6	3.4	2.5	2.4
>= 7.20	5.6	.7	2.5	7.6	7.3	12.5	12.2	8.5	5.7	2.2	3.4	2.2	2.0
>= 9.70	4.7	.3	2.3	5.9	6.3	11.4	10.7	7.0	5.2	1.9	2.5	1.6	1.7
>= 13.00	3.8	.3	1.4	4.8	5.3	9.3	9.2	5.7	4.3	1.5	2.0	1.3	1.1
>= 18.00	2.9	.2	.9	3.7	4.6	7.1	7.1	4.6	2.5	1.3	1.3	.7	.6
>= 24.00	2.1	.1	.5	3.5	3.3	5.7	4.7	2.5	1.7	.5	1.0	.7	.1
>= 32.00	1.4	.1	.5	1.8	2.7	4.4	3.3	.9	1.4	.5	.7	.7	.1
>= 43.00	.8	.1	.3	.8	2.0	2.2	2.0	.7	1.0		.5	.1	.1
>= 59.00	.4		.3	.3	1.3	1.1	1.1	.3	.1			.1	.1
>= 79.00	.2		.3		.6	.5	1.0	.1	.1				.1
>= 110.00			.1		.1		.6						
>= 140.00			.1		.1		.3						
>= 190.00			.1				.1						

STATION 07023000 MAYFIELD CREEK AT LOVELACEVILLE, KY. 1938-1972

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 5.6	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 7.2	99.8	100	99.9	100	100	100	100	100	100	100	100	98.6	99.3
>= 9.0	98.2	91.7	99.3	99.5	100	100	100	100	100	99.8	100	96.2	92.2
>= 11.0	94.9	83.8	94.8	96.9	97.6	99.4	100	100	99.8	98.6	99.4	91.9	81.3
>= 14.0	87.6	70.9	84.4	87.7	93.5	96.3	97.5	99.2	97.1	94.1	95.0	78.9	67.9
>= 18.0	75.4	46.8	67.8	75.5	85.5	92.8	96.4	96.7	93.2	81.5	84.6	54.8	51.1
>= 23.0	62.4	28.0	48.0	60.4	80.0	89.7	94.6	94.0	79.3	57.5	63.8	38.6	34.7
>= 28.0	53.2	15.4	32.1	51.7	74.1	86.1	93.4	88.5	67.7	46.4	46.2	27.2	22.3
>= 36.0	45.5	9.3	24.2	46.6	67.0	80.1	90.3	80.7	55.1	34.6	36.2	18.0	16.0
>= 45.0	39.4	7.0	19.2	40.7	59.3	73.9	83.7	72.1	46.4	26.2	26.4	14.3	12.7
>= 57.0	34.3	6.3	16.3	35.9	51.4	67.4	76.0	63.9	38.3	21.3	19.6	12.0	9.8
>= 71.0	30.0	5.2	14.7	31.1	44.3	61.0	68.3	54.8	33.1	17.2	15.5	10.3	8.1
>= 90.0	26.1	4.2	13.4	27.2	38.6	54.5	60.4	47.1	28.4	14.2	13.4	8.7	6.7
>= 110.0	22.8	3.4	11.8	24.7	33.2	49.9	52.1	41.3	23.4	12.6	11.5	7.4	5.8
>= 140.0	19.8	3.0	9.8	21.7	28.1	44.1	45.4	35.8	20.1	11.5	9.4	6.6	4.8
>= 180.0	16.9	2.8	7.7	18.3	24.3	37.8	38.5	30.9	17.1	10.0	8.4	5.4	4.0
>= 220.0	14.6	2.4	6.6	15.9	21.9	32.3	34.1	26.6	14.8	8.1	7.3	4.6	3.4
>= 280.0	12.9	2.2	6.2	14.0	19.8	28.2	29.8	22.9	12.9	7.0	6.4	4.1	3.0
>= 350.0	11.2	1.8	5.3	12.4	18.3	24.1	26.7	19.2	11.5	5.8	5.4	3.1	2.6
>= 450.0	9.7	1.5	4.0	10.7	15.7	22.0	23.1	16.8	10.3	5.0	4.6	2.7	2.0
>= 560.0	8.5	1.1	3.6	9.6	13.9	19.1	21.0	14.8	9.2	3.9	3.7	2.1	1.4
>= 710.0	7.3	.9	3.3	8.2	12.5	17.0	17.7	12.5	7.8	3.0	2.8	1.7	1.3
>= 890.0	6.2	.7	2.8	7.2	11.3	14.5	15.0	10.9	5.9	2.4	2.0	1.3	1.0
>= 1100.0	5.3	.4	2.2	5.9	10.4	12.5	13.6	9.7	5.1	1.7	1.4	.9	.6
>= 1400.0	4.4	.2	2.2	5.1	8.6	10.6	11.4	7.8	3.9	1.7	.9	.7	.5
>= 1800.0	3.4	.1	1.8	3.9	6.7	8.8	8.9	5.7	3.3	.8	.6	.3	.2
>= 2200.0	2.7		1.3	3.2	5.7	6.8	7.6	4.5	2.7	.7	.5		
>= 2800.0	2.1		1.2	2.3	4.9	5.2	5.7	3.0	2.3	.4	.4		
>= 3500.0	1.3		.8	1.2	3.6	3.4	3.7	2.0	1.4	.2			
>= 4400.0	.7		.4	.3	1.9	1.8	1.8	1.0	.8				
>= 5600.0	.2		.3		.8	.9	.5	.2	.2				
>= 7000.0	.1		.1		.2	.5	.2						
>= 8800.0						.2	.2						
>= 11000.0							.1						

STATION 07023500 OBION CREEK AT PRYORSBURG, KY. 1952-1974

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= .01	81.4	57.1	76.4	94.7	97.9	100	99.9	100	100	85.0	67.4	55.7	44.7
>= .02	80.1	54.2	71.7	94.7	97.9	100	99.9	100	100	83.8	64.1	52.5	44.1
>= .03	78.9	53.1	69.8	94.1	97.2	100	99.9	100	100	83.3	60.9	50.1	40.5
>= .06	75.4	42.3	64.2	90.2	97.2	100	99.9	100	100	80.0	53.1	45.0	35.5
>= .09	74.1	39.1	62.0	89.6	95.9	100	99.9	100	100	76.5	50.7	44.9	33.3
>= .10	73.7	38.9	60.5	89.1	95.6	100	99.9	100	100	74.8	50.1	44.9	32.9
>= .20	65.8	25.8	43.5	75.8	88.0	98.4	99.4	100	96.8	60.3	45.2	34.0	24.7
>= .30	62.2	23.3	36.5	68.5	86.4	97.3	98.8	99.4	94.1	52.4	40.2	31.5	20.8
>= .50	58.1	19.3	30.3	61.3	79.6	96.5	98.5	98.2	91.6	44.1	36.2	27.0	17.7
>= .70	55.6	15.0	27.6	56.9	78.0	95.2	98.2	96.8	87.7	40.3	33.4	25.4	16.2
>= 1.00	53.2	12.6	24.7	54.5	77.0	93.1	96.8	95.6	81.4	36.5	30.8	23.5	14.7
>= 1.50	50.3	11.2	21.7	53.1	73.3	90.5	95.9	92.9	74.2	32.6	28.2	20.5	13.3
>= 2.10	47.7	9.9	19.7	51.3	71.3	88.7	94.9	89.1	67.7	28.0	26.1	18.3	11.1
>= 3.20	43.5	7.4	18.5	46.3	66.4	83.4	91.6	81.2	57.6	24.1	22.9	16.7	9.1
>= 4.60	40.1	5.9	17.3	42.2	62.9	77.2	86.7	75.5	50.0	22.1	21.1	15.4	8.2
>= 6.80	35.8	4.1	16.4	37.5	57.2	70.9	79.0	67.1	41.6	19.2	18.6	13.5	7.3
>= 10.00	30.9	2.9	14.1	33.4	51.5	63.5	68.3	57.4	33.4	15.9	16.3	10.9	5.6
>= 15.00	25.5	2.3	11.7	28.6	40.3	54.8	57.3	48.5	26.8	12.4	13.0	8.1	4.7
>= 22.00	20.4	1.6	7.6	25.1	31.5	44.2	46.8	38.8	20.2	9.2	11.1	6.2	3.9
>= 32.00	16.0	1.4	6.1	20.8	24.9	34.2	36.5	30.2	16.4	6.7	7.9	4.8	3.5
>= 47.00	12.2	1.4	4.8	17.6	18.8	24.6	26.2	24.2	13.5	5.3	5.0	3.5	2.6
>= 69.00	9.6	1.1	3.8	14.4	14.8	19.9	19.8	18.8	11.0	3.6	4.3	2.5	2.0
>= 100.00	7.5	1.1	3.1	11.4	10.7	15.2	15.3	15.3	8.9	3.1	3.3	1.7	1.5
>= 150.00	5.6	.4	2.4	9.0	7.4	11.5	12.4	10.9	6.4	2.4	2.6	1.6	1.3
>= 220.00	4.0	.2	1.6	6.7	5.2	8.5	8.7	7.5	4.6	1.6	1.7	.8	1.2
>= 330.00	2.8		1.0	5.1	4.1	6.1	6.5	5.1	2.9	1.0	1.3	.7	.7
>= 480.00	1.9		.6	3.2	3.3	4.5	4.9	2.2	2.4	.6	.7	.2	.1
>= 710.00	1.1		.4	1.1	2.3	2.4	3.0	1.3	1.4	.3	.5	.1	1
>= 1000.00	.6		.4	.7	1.6	1.2	1.9	.9	.7	.3	.2	.1	
>= 1500.00	.3		.3	.4	.7	.8	.7	.3	.2			.1	
>= 2200.00			.1	.1	.2		.4						
>= 3300.00				.1			.1						

STATION 07024000 BAYOU DE CHIEN NEAR CLINTON, KY. 1940-1977

MONTHLY DURATIONS FOR PERIOD OF RECORD

PERCENT

CLASS CUBIC FEET PER SECOND (FT3/S)	DURATION FOR PERIOD OF RECORD PERCENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
>= 4.0	100	100	100	100	100	100	100	100	100	100	100	100	100
>= 5.0	99.9	99.9	100	100	100	100	100	100	99.9	99.3	100	100	100
>= 6.2	99.0	99.6	100	100	99.9	100	100	100	99.8	99.0	99.7	100	100
>= 7.7	99.0	94.8	99.7	99.9	99.6	100	100	100	99.8	98.1	99.2	99.9	97.6
>= 9.5	94.5	83.3	93.9	98.5	99.0	100	100	99.9	97.2	96.3	95.0	87.8	82.9
>= 12.0	82.4	63.3	83.8	92.9	94.0	98.9	98.9	99.1	91.6	79.1	72.9	62.6	52.8
>= 15.0	66.2	39.6	62.4	80.7	87.7	95.0	96.3	92.8	75.0	52.9	45.6	38.2	30.3
>= 18.0	56.7	25.4	47.8	69.1	82.6	92.0	93.5	86.1	61.2	38.5	34.2	29.7	22.6
>= 23.0	46.3	14.5	34.9	54.9	69.6	82.5	85.5	45.2	48.1	27.0	25.6	22.7	17.5
>= 28.0	39.5	10.1	29.4	47.8	59.2	72.0	77.1	66.1	39.5	22.1	19.9	18.7	13.8
>= 35.0	33.2	7.9	23.5	40.9	50.6	61.9	68.4	55.8	32.4	18.0	16.0	14.9	10.1
>= 44.0	27.9	6.6	20.4	34.9	41.3	52.6	59.0	46.6	27.2	16.0	12.8	11.7	7.7
>= 54.0	24.1	6.0	17.3	30.1	36.1	44.8	50.8	40.1	23.5	13.8	11.3	10.2	7.0
>= 67.0	21.0	5.0	15.5	25.2	31.6	37.9	43.9	34.5	21.2	12.2	10.0	9.5	6.2
>= 84.0	18.0	4.0	12.6	21.8	26.4	31.9	39.0	28.8	18.9	10.5	8.4	8.6	5.5
>= 100.0	16.0	3.7	11.2	18.9	22.9	28.9	34.8	25.4	16.9	9.4	7.7	7.8	4.8
>= 130.0	13.5	3.0	9.5	16.5	19.8	23.4	30.5	21.5	14.1	7.6	6.2	6.2	3.8
>= 160.0	11.8	2.5	8.3	14.2	18.2	20.8	26.3	18.5	12.2	6.3	5.3	5.5	3.4
>= 200.0	10.2	2.0	7.1	12.1	15.9	18.2	23.2	16.3	11.3	5.2	4.7	4.4	2.9
>= 250.0	8.9	1.7	5.7	10.4	14.4	15.5	20.3	13.6	10.5	4.8	4.2	3.6	2.7
>= 310.0	7.7	1.3	4.8	9.6	12.7	13.3	17.3	11.7	8.5	4.3	3.6	3.1	2.4
>= 380.0	6.7	.7	4.3	8.0	11.2	12.0	15.3	9.9	7.6	3.9	3.1	2.6	2.0
>= 480.0	5.5	.5	3.4	6.6	9.2	9.3	13.1	8.5	6.1	3.7	2.7	1.7	1.5
>= 590.0	4.6	.4	2.9	5.7	7.7	7.9	11.2	7.2	4.8	3.3	2.3	1.0	1.1
>= 730.0	3.6	.3	2.3	4.2	6.5	5.8	8.8	5.4	3.8	2.8	2.0	.7	.6
>= 910.0	2.8	.2	1.9	3.4	5.1	4.4	7.3	3.9	2.6	2.1	1.4	.5	.6
>= 1100.0	2.0		1.1	2.5	4.0	3.5	5.3	2.9	1.6	1.3	1.0	.4	.5
>= 1400.0	1.2		.6	1.5	2.2	2.4	3.4	1.1	1.0	.9	.5	.2	.2
>= 1700.0	.8		.5	.8	1.4	1.3	2.6	.8	.7	.6	.4		
>= 2200.0	.4		.5	.3	.8	.8	1.5	.1	.2	.3	.2		
>= 2700.0	.2		.4		.4	.6	1.1			.1	.2		
>= 3400.0	.1				.1	.3	.6						
>= 4200.0							.4						

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