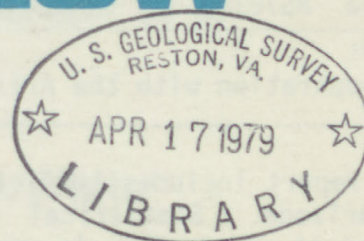


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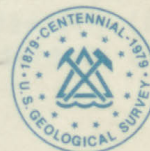
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STATISTICAL SUMMARIES OF ARIZONA STREAMFLOW DATA

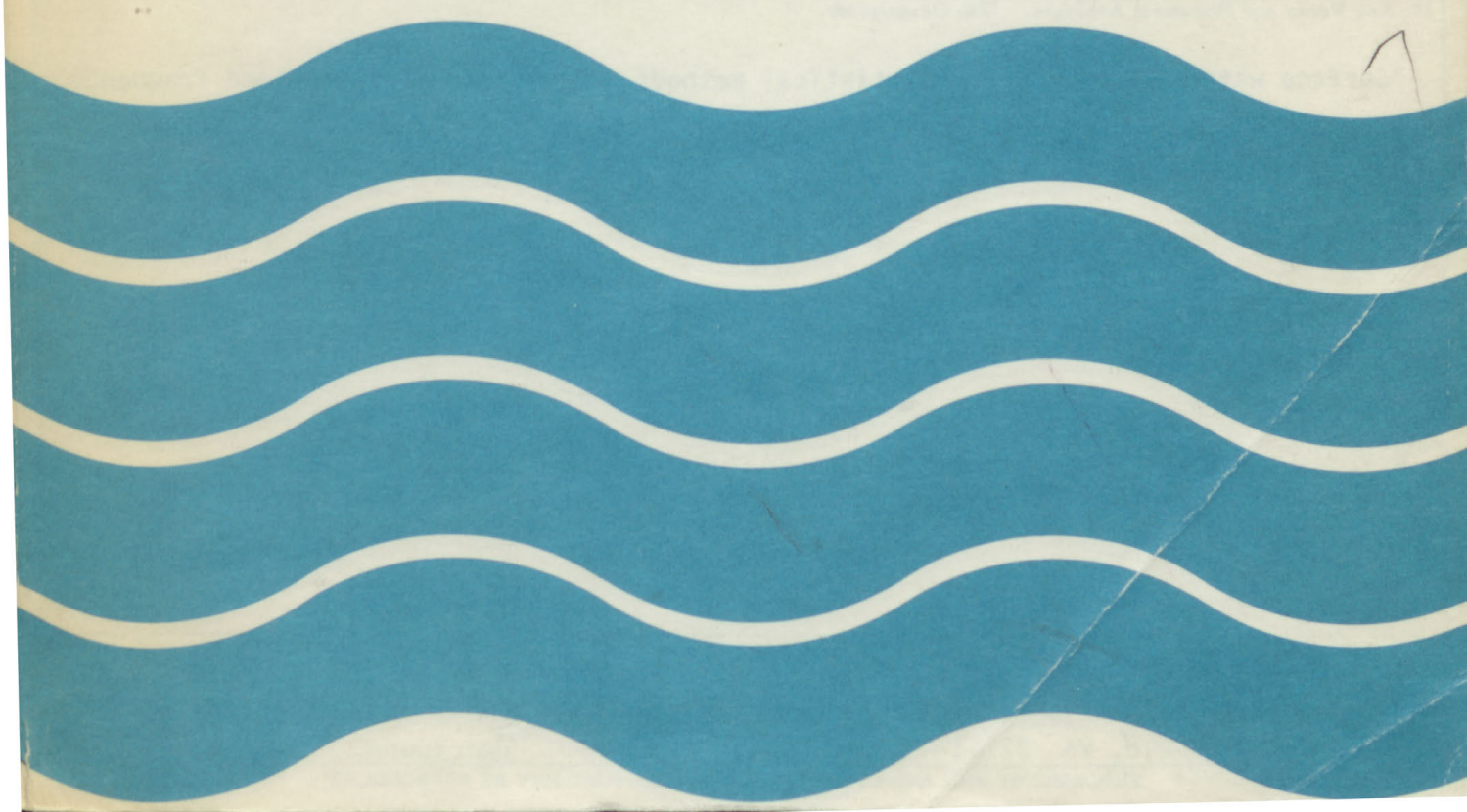


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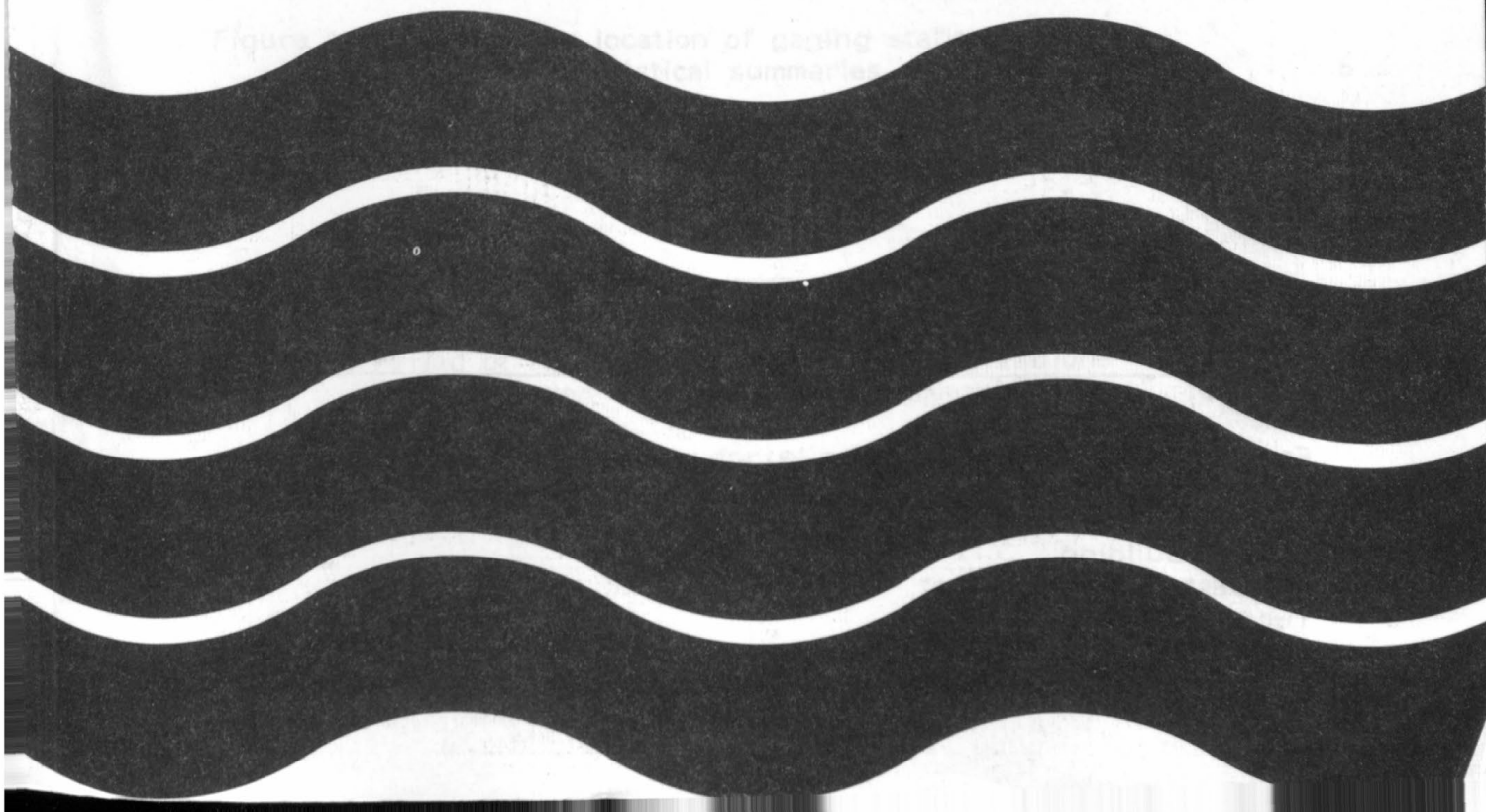
STATISTICAL SUMMARIES OF ARIZONA STREAMFLOW DATA

By T. W. Anderson and Natalie D. White

**U.S. GEOLOGICAL SURVEY
Water-Resources Investigations 79-5**

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Arizona Water Commission**

January 1979



UNITED STATES DEPARTMENT OF THE INTERIOR

CECIL D. ANDRUS, Secretary

GEOLOGICAL SURVEY

H. William Menard, Director

For additional information write to:

U.S. Geological Survey
Federal Building
301 West Congress Street
Tucson, Arizona 85701

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IV CONVERSION FACTORS

For use of those readers who may prefer to use metric units rather than inch-pound units, the conversion factors for the terms used in this report are listed below:

<u>Multiply inch-pound unit</u>	<u>By</u>	<u>To obtain metric unit</u>
foot (ft)	0.3048	meter (m)
mile (mi)	1.609	kilometer (km)
square mile (mi ²)	2.590	square kilometer (km ²)
cubic foot per second (ft ³ /s)	0.02832	cubic meter per second (m ³ /s)
acre	0.004047	square kilometer (km ²)

STATISTICAL SUMMARIES OF ARIZONA STREAMFLOW DATA

By

T. W. Anderson and Natalie D. White

ABSTRACT

The report includes statistical summaries of streamflow data for 143 gaging stations in Arizona. Statistical summaries are given for all active streamflow-gaging stations at which flow is unregulated, for discontinued stations that have at least 5 years of record, and for a few stations at which the flow is partly regulated. The summaries include (1) log-Pearson Type III flood-frequency data for selected streamflow-gaging stations, (2) annual peak discharges and gage heights and annual volumes, (3) duration tables of daily discharges, (4) lowest mean discharges, (5) highest mean discharges, (6) statistics on normal monthly mean discharges, and (7) statistics on normal annual mean discharges.

INTRODUCTION

The U.S. Geological Survey began collecting surface-water data in Arizona in 1888. Since 1912, the Survey has conducted a data-collection program in cooperation with the State of Arizona. The data in this report were collected by the Survey under cooperative programs with the State and with other agencies. The data have been processed and analyzed by computer, and some of the results are presented in the statistical summaries in this report.

Data for all active streamflow-gaging stations at which flow is unregulated were analyzed regardless of the length of record; data for discontinued stations were analyzed only if the station had at least 5 years of record. The data were analyzed for a few stations at which the flow is partly regulated—partly regulated flow is flow that is affected to some degree by upstream reservoirs. At the stations where flow is completely regulated, only the records prior to regulation were used. (See table 1.) Flood-frequency data are included for all sites having unregulated flow and at least 10 years of record.

Table 1.--Period of record for streamflow-gaging stations included in the statistical summaries

Unregulated flow													Partly regulated flow			
Period of record													Gaging station			
1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975	Number	Name	Page number
															COLORADO RIVER BASIN	
															Colorado River:	
															SAN JUAN RIVER BASIN	
															San Juan River:	
														09379200	Chinle Creek near Mexican Water.....	16
														09380000	Colorado River at Lees Ferry.....	18
														09382000	PARIA RIVER BASIN	23
															Paria River at Lees Ferry.....	
															LITTLE COLORADO RIVER BASIN	
															East Fork Little Colorado River:	
														09383200	Lee Valley Creek above Lee Valley Reservoir, near Greer.....	29
														09383220	Lee Valley Creek tributary near Greer.....	31
														09383400	Little Colorado River at Greer.....	33
														09383500	Nutrisio Creek above Nelson Reservoir, near Springerville.....	35
														09384000	Little Colorado River above Lyman Lake, near St. Johns.....	37
														09386500	Little Colorado River above Zuni River, near Hunt.....	41
														09388000	Little Colorado River near Hunt.....	45
															Silver Creek:	
														09390500	Show Low Creek near Lakeside.....	49
														09393500	Silver Creek near Snowflake.....	52
														09394500	Little Colorado River at Woodruff.....	56
															Puerco River:	
														09395900	Black Creek near Lupton.....	60
														09396500	Puerco River near Adamana.....	62
														09397000	Little Colorado River at Holbrook.....	64
														09397500	Chevelon Creek below Wildcat Canyon, near Winslow.....	67
														09398000	Chevelon Creek near Winslow.....	70
														09398500	Clear Creek below Willow Creek, near Winslow.....	74
														09399000	Clear Creek near Winslow.....	77
														09401000	Little Colorado River at Grand Falls.....	81
														09401400	Moenkopi Wash near Tuba City.....	85
														09402000	Little Colorado River near Cameron.....	89
														09402500	Colorado River near Grand Canyon.....	92
															BRIGHT ANGEL CREEK BASIN	
														09403000	Bright Angel Creek near Grand Canyon.....	96
															KANAB CREEK BASIN	
														09403780	Kanab Creek near Fredonia.....	100
															VIRGIN RIVER BASIN	
														09415000	Virgin River at Littlefield.....	102
														09424000	Colorado River near Topock.....	106
															BILL WILLIAMS RIVER BASIN	
															Big Sandy River (head of Bill Williams River):	
														09424200	Cottonwood Wash No. 1 near Kingman.....	110
														09424450	Big Sandy River near Wikieup.....	112
														09424900	Santa Maria River near Bagdad.....	114
														09425500	Santa Maria River near Alamo.....	116
														09426000	Bill Williams River below Alamo Dam.....	119
														09426500	Bill Williams River at Planet.....	123
															GILA RIVER BASIN	
														09432000	Gila River below Blue Creek, near Virden, NM.....	125
														09442000	Gila River near Clifton.....	129
															San Francisco River:	
														09444200	Blue River near Clifton.....	133
														09444500	San Francisco River at Clifton.....	135
															Eagle Creek:	
														09445500	Willow Creek near Point of Pines, near Morenci.....	139
														09446000	Willow Creek near Double Circle Ranch, near Morenci.....	142
														09446500	Eagle Creek near Double Circle Ranch, near Morenci.....	145
														09447000	Eagle Creek above pumping plant, near Morenci.....	148
														09448500	Gila River at head of Safford Valley, near Solomon.....	152
														09456000	San Simon River near San Simon.....	156
														09457000	San Simon River near Solomon.....	158
														09458200	Deadman Creek near Safford.....	162
														09458500	Gila River at Safford.....	164
														09460150	Frye Creek near Thatcher.....	166
														09466500	Gila River at Calva.....	168
														09468500	San Carlos River near Peridot.....	172
														09469499	Gila River below Coolidge Dam.....	176
														09469999	Gila River at Winkelman.....	180
														09470500	San Pedro River at Palomina.....	184
														09471000	San Pedro River at Charleston.....	188
														09471550	San Pedro River near Tombstone.....	192
														09471800	San Pedro River near Benson.....	194
														09472000	San Pedro River near Redington.....	196
														09472500	San Pedro River near Mammoth.....	199
														09473000	Aravaipa Creek near Mammoth.....	201
														09473500	San Pedro River at Winkelman.....	203
														09474000	Gila River at Kelvin.....	205
														09478500	Queen Creek at Whitlow damsite near Superior.....	211
														09479500	Gila River near Laveen.....	213
														09480000	Santa Cruz River near Lochiel.....	217
														09480500	Santa Cruz River near Nogales.....	220
														09481500	Sonoita Creek near Patagonia.....	224
														09482000	Santa Cruz River at Continental.....	228
														09482400	Airport Wash at Tucson.....	232
														09482500	Santa Cruz River at Tucson.....	234
														09483100	Tanque Verde Creek near Tucson.....	240
														09484000	Sabino Creek near Tucson.....	242
														09484200	Bear Creek near Tucson.....	246

Table 1.--Period of record for streamflow-gaging stations included in the statistical summaries--Continued

Period of record											Gaging station		
1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	Number	Name	Page number
												COLORADO RIVER BASIN--Continued	
												GILA RIVER BASIN--Continued	
												Santa Cruz River--Continued	
												Tanque Verde Creek--Continued	
											09484560	Cienega Creek near Pantano.....	248
											09484590	Davidson Canyon Wash near Vail.....	250
											09484600	Pantano Wash near Vail.....	252
											09485000	Rincon Creek near Tucson.....	254
											09486000	Rillito Creek near Tucson.....	257
											09486300	Canada del Oro near Tucson.....	262
											09486500	Santa Cruz River at Cortaro.....	264
											09486800	Altar Wash near Three Points.....	268
											09488500	Santa Rosa Wash near Vaiva No, near Sells.....	270
											09489000	Santa Cruz River near Laveen.....	272
											09489070	North Fork of East Fork Black River near Alpine.....	276
											09489100	Black River near Maverick.....	278
											09489200	Pacheta Creek at Maverick.....	280
											09489499	Black River above Willow Creek diversion, near Point of Pines.....	282
											09489700	Big Bonito Creek near Fort Apache.....	284
											09490500	Black River near Fort Apache.....	286
											09490800	North Fork White River near Greer.....	288
											09491000	North Fork White River near McNary.....	290
											09492400	East Fork White River near Fort Apache.....	292
											09494000	White River near Fort Apache.....	294
												Salt River:	
											09494300	Carrizo Creek above Corduroy Creek, near Show Low.....	296
											09494500	Corduroy Creek above Forestdale Creek, near Show Low.....	298
											09495500	Forestdale Creek near Show Low.....	300
											09496000	Corduroy Creek near mouth, near Show Low.....	302
											09496500	Carrizo Creek near Show Low.....	305
												Unnamed tributary:	
											09496600	Cibecue No. 1, tributary to Carrizo Creek, near Show Low.....	307
											09496700	Cibecue No. 2, tributary to Carrizo Creek, near Show Low.....	309
											09497500	Salt River near Chrysotile.....	311
											09497800	Cibecue Creek near Chrysotile.....	315
											09497900	Cherry Creek near Young.....	317
											09497980	Cherry Creek near Globe.....	319
											09498500	Salt River near Roosevelt.....	321
											09498800	Tonto Creek near Gisela.....	326
											09498870	Rye Creek near Gisela.....	328
											09499000	Tonto Creek above Gan Creek, near Roosevelt.....	330
												Big Chino Wash (head of Verde River):	
											09502800	Williamson Valley Wash near Paulden.....	334
												Verde River:	
											09503000	Granite Creek near Prescott.....	336
											09503700	Verde River near Paulden.....	338
											09504000	Verde River near Clarkdale.....	340
											09504500	Oak Creek near Cornville.....	342
											09505200	Wet Beaver Creek near Rimrock.....	346
											09505250	Red Tank Draw near Rimrock.....	348
												Dry Beaver Creek:	
											09505300	Rattlesnake Canyon near Rimrock.....	350
											09505350	Dry Beaver Creek near Rimrock.....	352
											09505800	West Clear Creek near Camp Verde.....	354
											09507600	East Verde River near Pine.....	356
											09507700	Webber Creek above West Fork Webber Creek, near Pine.....	358
											09507980	East Verde River near Childs.....	360
											09508300	Wet Bottom Creek near Childs.....	362
											09508500	Verde River below Tangle Creek, above Horseshoe Dam.....	364
											09510070	West Fork Sycamore Creek above McFarland Canyon, near Sunflower.....	368
											09510080	West Fork Sycamore Creek near Sunflower.....	370
											09510100	East Fork Sycamore Creek near Sunflower.....	372
											09510150	Sycamore Creek near Sunflower.....	374
												Mesquite Wash:	
											09510180	Rock Creek near Sunflower.....	376
											09510200	Sycamore Creek near Fort McDowell.....	378
											09512100	Indian Bend Wash at Scottsdale.....	380
											09512200	Salt River tributary in South Mountain Park, at Phoenix.....	382
											09512400	Cave Creek at Phoenix.....	384
											09512500	Agua Fria River near Mayer.....	386
											09512800	Agua Fria River near Rock Springs.....	390
											09513780	New River near Rock Springs.....	392
											09513800	New River at New River.....	394
											09513835	New River at Bell Road, near Peoria.....	396
											09513860	Skunk Creek near Phoenix.....	398
											09515500	Hassayampa River at Box damsite, near Wickenburg.....	400
											09517500	Centennial Wash near Arlington.....	403
											09518000	Gila River above diversions, at Gillespie Dam.....	405
											09520170	Rio Conchos near Ajo.....	409
												SULPHUR SPRING VALLEY	
												WHITWATER DRAW BASIN	
											09537200	Whitewater Draw: Leslie Creek near McNeal.....	411
											09537500	Whitewater Draw near Douglas.....	413

Statistical summaries are included, in downstream order, for 143 streamflow-gaging stations—about 3,500 station-years of record. Figure 1 shows the location of the gaging stations, and table 1 shows the period of record for each station.

The data obtained from the computer are too voluminous to be published in their entirety. The statistical data obtained from the daily values computer file but not published in this report include (1) a complete log-Pearson Type III flood-frequency analysis, which includes a log-Pearson table and log-Pearson plot; (2) summary of zero-value and no-value time units; (3) normal monthly and annual means; (4) correlation matrix; (5) median and first and third quartiles of monthly and annual mean values; and (6) annual mean values and ranking in year ending March 31. The data are available for consultation at the U.S. Geological Survey, Federal Building, 301 West Congress Street, Tucson.

PURPOSE AND SCOPE OF THE REPORT

The purpose of this compilation is to make available statistical summaries of the streamflow data that are used most frequently by water managers and planners. The summaries include (1) log-Pearson Type III flood-frequency data for selected streamflow-gaging stations, (2) annual peak discharges and gage heights and annual volumes, (3) duration tables of daily discharges, (4) lowest mean discharges, (5) highest mean discharges, (6) statistics on normal monthly mean discharges, and (7) statistics on normal annual mean discharges.

EXPLANATION OF STATISTICAL SUMMARIES

Flood-Frequency Data

The flood discharges given in table 2 were determined from a log-Pearson Type III frequency distribution for recurrence intervals of 2, 5, 10, 25, 50, and 100 years. The table includes the period of record on which the flood-frequency analysis was based and the size of the drainage area. At least 10 years of record must be available for the gaging station to be included in the table. According to the procedure recommended by the U.S. Water Resources Council (1976), the flood-frequency distributions were adjusted for high and low outliers, zero-flood years, and historic peak data where applicable.

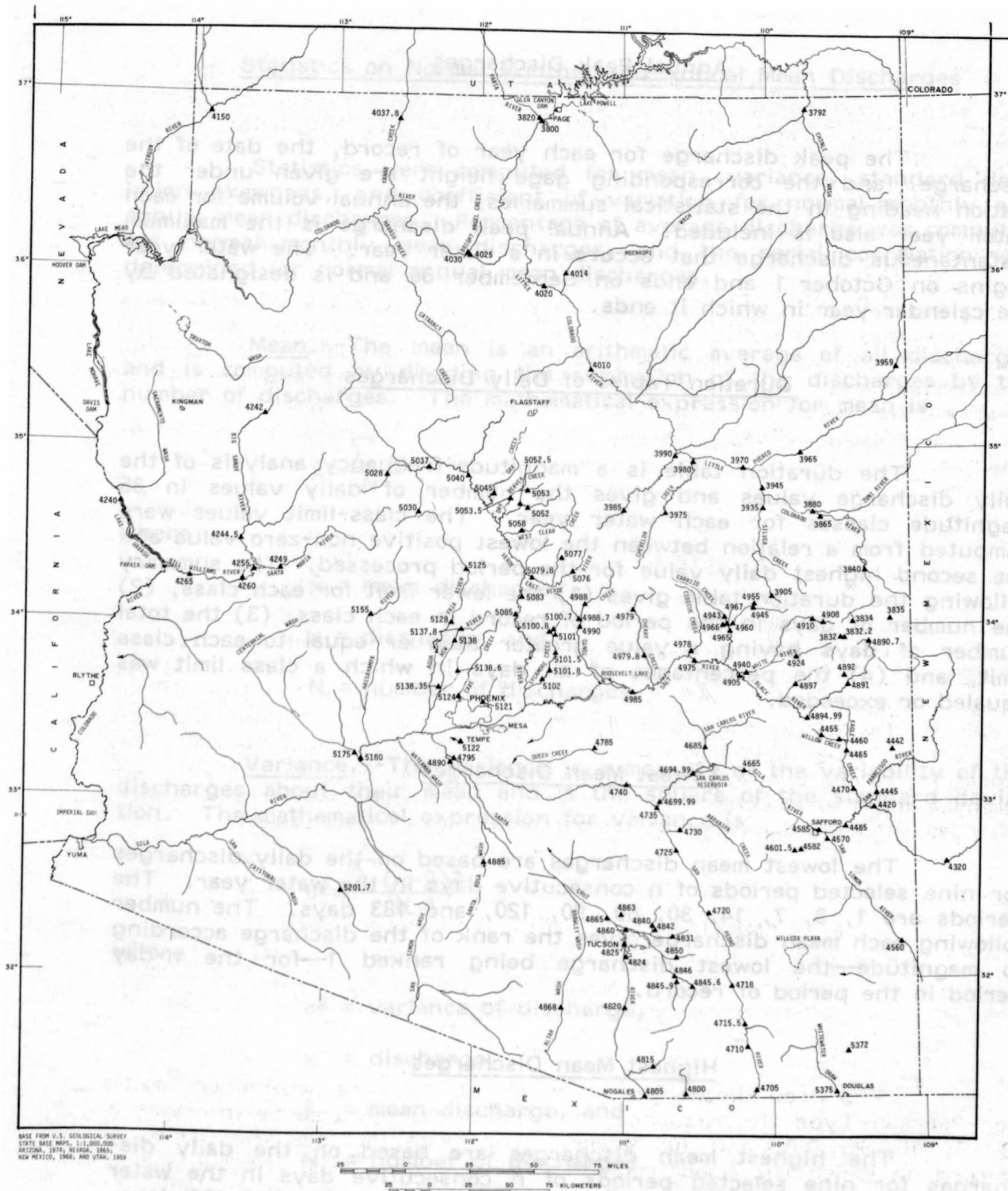


Figure 1.--Location of gaging stations for which statistical summaries are given.

Annual Peak Discharges

The peak discharge for each year of record, the date of the discharge, and the corresponding gage height are given under the station heading in the statistical summaries; the annual volume for each water year also is included. Annual peak discharge is the maximum instantaneous discharge that occurs in a water year. The water year begins on October 1 and ends on September 30 and is designated by the calendar year in which it ends.

Duration Tables of Daily Discharges

The duration table is a magnitude-frequency analysis of the daily discharge values and gives the number of daily values in 35 magnitude classes for each water year. The class-limit values were computed from a relation between the lowest positive non-zero value and the second highest daily value for the period processed. The summary following the duration table gives (1) the lower limit for each class, (2) the number of days in the period of record in each class, (3) the total number of days having a value greater than or equal to each class limit, and (4) the percentages of all days in which a class limit was equaled or exceeded.

Lowest Mean Discharges

The lowest mean discharges are based on the daily discharges for nine selected periods of n consecutive days in the water year. The periods are 1, 3, 7, 14, 30, 60, 90, 120, and 183 days. The number following each mean discharge gives the rank of the discharge according to magnitude—the lowest discharge being ranked 1—for the n -day period in the period of record.

Highest Mean Discharges

The highest mean discharges are based on the daily discharges for nine selected periods of n consecutive days in the water year. The periods are 1, 3, 7, 15, 30, 60, 90, 120, and 183 days. The number following each mean discharge gives the rank of the discharge according to magnitude—the highest discharge being ranked 1—for the n -day period in the period of record.

Statistics on Normal Monthly and Annual Mean Discharges

Statistics were computed for mean, variance, standard deviation skewness, and coefficient of variation for normal monthly and annual mean discharges. Percentage of average discharge was computed for normal monthly mean discharges, and the serial correlation was determined for normal annual mean discharges.

Mean.--The mean is an arithmetic average of all discharges and is computed by dividing the summation of the discharges by the number of discharges. The mathematical expression for mean is

$$\bar{x} = \frac{\sum x}{N},$$

where

\bar{x} = mean discharge,

x = discharge, and

N = number of discharges.

Variance.--The variance is a measure of the variability of the discharges about their mean and is the square of the standard deviation. The mathematical expression for variance is

$$\sigma^2 = \frac{\sum (x - \bar{x})^2}{N-1},$$

where

σ^2 = variance of discharge,

x = discharge,

\bar{x} = mean discharge, and

N = number of discharges.

Standard deviation.--The standard deviation is a measure of the dispersion of the discharges about the mean. The mathematical expression for standard deviation is

$$\sigma = \left(\frac{\sum (x - \bar{x})^2}{N-1} \right)^{\frac{1}{2}},$$

where

σ = standard deviation,

x = discharge,

\bar{x} = mean discharge, and

N = number of discharges.

Skewness.--Skewness or the coefficient of skew is an indication of the deviation from a symmetrical frequency distribution. A negative skewness indicates that the mean is less than the median, and a positive skewness indicates that the mean is greater than the median. The mathematical expression for the coefficient of skew is

$$g = \frac{(x - \bar{x})^3}{(\sigma)^3},$$

where

g = skewness,

x = discharge,

\bar{x} = mean discharge, and

σ = standard deviation.

Coefficient of variation.--The coefficient of variation is a dimensionless index that can be used for comparing variability of discharge. The mathematical expression for the coefficient of variation is

$$C_v = \frac{\sigma}{\bar{x}},$$

where

C_v = coefficient of variation,

σ = standard deviation, and

\bar{x} = mean discharge.

Percentage of average discharge.--The percentage of average discharge is the ratio of the mean monthly discharge to the mean annual discharge computed for the length of record at each station. The mathematical expression for the percentage of average discharge is

$$PA_k = \frac{\bar{x}_k}{\sum_{K=1}^{12} \bar{x}_k} ,$$

where

PA_k = percentage of average discharge,

\bar{x}_k = mean discharge for selected month, and

K = monthly index.

Serial correlation.--The serial correlation is a number that relates one event to the next in a series. In effect, it denotes the relation between the discharge for a particular year with that for the following year.

REFERENCE CITED

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

STATISTICAL SUMMARIES

Table 2.--Flood-frequency data for selected streamflow-gaging stations

STATION NUMBER	STATION NAME	PERIOD OF RECORD	DRAINAGE AREA (IN SQUARE MILES)	FLOOD MAGNITUDE, IN CUBIC FEET PER SECOND, FOR INDICATED RECURRENCE INTERVAL, IN YEARS					
				Q2	Q5	Q10	Q25	Q50	Q100
09379200	CHINLE WASH NR MEXICAN WATER, ARIZ.	1964-75	3300.00	1190	2210	3060	4320	5410	6610
09380000	COLORADO RIVER AT LEES FERRY, ARIZ.	1884,1921-62	107900.00	77500	110700	131400	156000	173200	189500
09382000	PARIA RIVER AT LEES FERRY, ARIZ.	1924-75	1410.00	4270	8030	11000	15100	18400	21800
09383400	LITTLE COLORADO RIVER AT GREER, ARIZ.	1961-75	30.90	176	341	475	669	829	1000
09384000	LITTLE COLORADO R ARV LYMAN RES NR ST. JOHNS, ARIZ.	1940-75	747.00	976	2360	3720	6030	8220	10900
09386500	LITTLE COLORADO R ARV ZUNI R NR HUNT, ARIZ.	1940-72	3680.00	147	502	934	1790	2690	3870
09388000	LITTLE COLORADO RIVER NEAR HUNT, ARIZ.	1929-33,1940-72	6280.00	780	1980	3180	5200	7110	9380
09390500	SNOW LOW CREEK NEAR LAKESIDE, ARIZ.	1954-75	68.60	277	1120	2260	4670	7360	11000
09393500	SILVER CREEK NEAR SNOWFLAKE ARIZ.	1929-75	886.00	2970	5950	8470	12300	15500	19200
09394500	LITTLE COLORADO R AT WOODRUFF, ARIZ.	1917,1919-20, 1929-75	8100.00	4180	7210	9410	12300	14600	16900
09395900	BLACK CREEK NEAR LUPTON, ARIZ.	1964-1975	500.00	2730	4180	5230	6650	7750	8910
09396500	PUERCO RIVER NEAR ADAMANA ARIZ.	1940-49	2760.00	11600	20900	28300	39000	47700	57100
09397000	LITTLE COLORADO RIVER AT HOLBROOK, ARIZ.	1923,1950-75	11300.00	10300	16900	21700	28200	33200	38500
09397500	CHEVELON CR BLW WILDCAT CANYON NR WINSLOW ARIZ.	1948-70	275.00	2470	7310	12700	22800	33100	46000
09398000	CHEVELON CREEK NEAR WINSLOW, ARIZ.	1916-20,1929-72	794.00	2440	5940	9490	15700	21800	29400
09398500	CLEAR CR BLW WILLOW CR NR WINSLOW ARIZ.	1948-75	321.00	2420	6810	11600	20100	28600	39200
09399000	CLEAR CREEK NEAR WINSLOW ARIZ.	1929-34,1936-75	607.00	2610	6990	11700	20500	29500	40900
09401000	LITTLE COLORADO R AT GRAND FALLS ARIZ.	1923,1926-60, 1970,1972	21200.00	8890	18600	28200	45400	62600	84500
09401400	MOENKOPI WASH NEAR TUBA CITY, ARIZ.	1941-75	2500.00	3870	6120	7760	9950	11700	13400
09402000	LITTLE COLORADO R NR CAMERON ARIZ.	1947-75	26500.00	7670	13100	17100	22900	27700	32800
09402500	COLORADO RIVER NEAR GRAND CANYON, ARIZ.	1884,1921-62	137800.00	76700	110000	131000	156300	174200	191500
09403000	BRIGHT ANGEL CREEK NEAR GRAND CANYON, ARIZ.	1924-73	101.00	430	1000	1570	2550	3500	4660
09403780	KANAB CREEK NEAR FREDONIA, ARIZ.	1964-75	1085.00	884	2260	3700	6240	8750	11900
09415000	VIRGIN RIVER AT LITTLEFIELD, ARIZ.	1930-75	5090.00	5050	10000	14400	21300	27500	34700
09424000	COLORADO RIVER NEAR TOPOCK, ARIZ.	1862,1884,1917-34	172300.00	92900	134000	157300	180900	195300	207600
09424200	COTTONWOOD WASH NO. 1 NR KINGMAN, ARIZ.	1964-75	143.00	2870	6390	9610	14800	19400	24800
09425500	SANTA MARIA RIVER NR ALAMO, ARIZ.	1939-66	1520.00	2880	10500	20200	40200	62300	91900
09426000	BILL WILLIAMS RIVER BELOW ALAMO DAM, ARIZ.	1891,1916,1927, 1929-68	4730.00	10500	43700	84500	161000	235000	325000
09432000	GILA R. BL. BLUE CR. NR. VIRIDEN, N. MEX.	1927-75	3203.00	4930	9480	13100	18200	22400	26900
09442000	GILA RIVER NEAR CLIFTON, ARIZ.	1911-17,1928-46, 1948-75	4010.00	5800	10500	14300	20100	25100	30600

Table 2.--Flood-frequency data for selected streamflow-gaging stations--Continued

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STATION NUMBER	STATION NAME	PERIOD OF RECORD	DRAINAGE AREA (IN SQUARE MILES)	FLOOD MAGNITUDE, IN CUBIC FEET PER SECOND, FOR INDICATED RECURRENCE INTERVAL, IN YEARS					
				Q2	Q5	Q10	Q25	Q50	Q100
09444500	SAN FRANCISCO RIVER AT CLIFTON, ARIZ.	1891,1905-07, 1911-75	2766.00	7230	17600	28000	45900	63200	84100
09445500	WILLOW CR NR POINT OF PINES NR MORENCI, ARIZ.	1945-67	102.00	629	1510	2330	3670	4870	6250
09446000	WILLOW CR NR DOUBLE CIRCLE RANCH NR MORENCI, ARIZ.	1944-67,1973	149.00	1040	3220	5630	9980	14300	19500
09446500	EAGLE CR NR DOUBLE CIRCLE RANCH NR MORENCI, ARIZ.	1944-67,1973	377.00	2500	6330	10000	16200	21800	28400
09447000	EAGLE CR ABV PUMPING PLANT NR MORENCI, ARIZ.	1932,1944-75	613.00	2330	6200	10100	16700	22800	30100
09448500	GILA R AT HEAD OF SAFFORD VALLEY NR SOLOMON, ARIZ.	1914-75	7896.00	9700	20900	31600	49500	66400	86800
09456000	SAN SIMON RIVER NR SAN SIMON, ARIZ.	1923,1931-41	814.00	2670	4680	6200	8290	9950	11700
09457000	SAN SIMON RIVER NR SOLOMON, ARIZ.	1931-75	2192.00	4840	7830	9950	12700	14900	17100
09466500	GILA RIVER AT CALVA, ARIZ.	1930-75	11470.00	6000	13800	22100	37800	54400	76400
09468500	SAN CARLOS RIVER NEAR PERIDOT, ARIZ.	1916,1930-75	1027.00	7220	15400	22500	33400	42700	53000
09470500	SAN PEDRO RIVER AT PALUMINAS, ARIZ.	1930-33,1935-40, 1950-75	741.00	6390	10100	12800	16300	19000	21800
09471000	SAN PEDRO RIVER AT CHARLESTON, ARIZ.	1916-75	1219.00	6950	12500	17500	26000	34100	43900
09472000	SAN PEDRO RIVER NEAR REDINGTON, ARIZ.	1926,1943-75	2939.00	7750	15200	21400	30900	39000	48100
09472500	SAN PEDRO RIVER NR MAMMOTH, ARIZ.	1926,1931-40	3610.00	16400	29300	39200	52800	63800	75300
09473000	ARAVAIPA CREEK NEAR MAMMOTH, ARIZ.	1919-21,1931-41, 1966-75	541.00	4980	9530	13200	18400	22700	27400
09474000	GILA R AT KELVIN, ARIZ.	1891,1906,1907, 1912-28	18011.00	19400	44000	70500	120600	173800	244400
09474000	GILA R AT KELVIN, ARIZ. DRAINAGE AREA BL COOLIDGE DAM	1929-75	5125.00	7820	15000	21800	33300	44500	56300
09478500	QUEEN CR AT WHITLOW DAMSITE NR SUPERIOR, ARIZ.	1917-20,1948-59	144.00	4050	10600	17000	27900	38100	50100
09480000	SANTA CRUZ RIVER NEAR LOCHIEL, ARIZ.	1949-75	82.20	1530	2760	3710	5020	6080	7190
09480500	SANTA CRUZ RIVER NEAR NOGALES, ARIZ.	1930-75	533.00	4100	7140	9480	12700	15400	18200
09481500	SONOITA CREEK NEAR PATAGONIA, ARIZ.	1930-72	209.00	2710	5320	7420	10400	12800	15400
09482000	SANTA CRUZ RIVER AT CONTINENTAL ARIZ.	1940-47,1952-75	1662.00	4270	8020	11000	15200	18600	22200
09482400	AIRPORT WASH AT TUCSON, ARIZ.	1966-75	15.20	320	572	764	1030	1240	1470
09482500	SANTA CRUZ RIVER AT TUCSON, ARIZ.	1915-75	2222.00	5160	8700	11300	14800	17500	20300
09483100	TANQUE VERDE CREEK NEAR TUCSON, ARIZ.	1960-75	43.00	1180	2200	3010	4150	5080	6080
09484000	SABINO CREEK NEAR TUCSON, ARIZ.	1933-75	35.50	1030	2390	3650	5670	7490	9560
09484200	BEAR CREEK NEAR TUCSON, ARIZ.	1960-74	16.30	264	700	1140	1490	2590	3420
09484600	PANTANO WASH NEAR VAIL, ARIZ.	1958-75	457.00	4330	10800	17000	27300	36600	47600
09485000	RINCON CREEK NEAR TUCSON, ARIZ.	1953-75	44.80	1060	2980	5010	8550	12000	16100
09486000	WILLITO CREEK NEAR TUCSON, ARIZ.	1915-75	892.00	4980	9130	12300	16700	20200	23400

Table 2.--Flood-frequency data for selected streamflow-gaging stations--Continued

STATION NUMBER	STATION NAME	PERIOD OF RECORD	DRAINAGE AREA (IN SQUARE MILES)	FLOOD MAGNITUDE, IN CUBIC FEET PER SECOND, FOR INDICATED RECURRENCE INTERVAL, IN YEARS					
				Q2	Q5	Q10	Q25	Q50	Q100
09486300	CANADA DEL ORD NEAR TUCSON, ARIZ.	1966-75	250.00	2010	5410	8870	14800	20400	27100
09486500	SANTA CRUZ RIVER AT CORTARO, ARIZ.	1940-47, 1950-75	3503.00	8140	12700	15900	19900	22800	25800
09486800	ALTAR WASH NEAR THREE POINTS, ARIZ.	1966-75	463.00	5310	10100	14100	19900	24800	30100
09488500	SANTA ROSA WASH NR VAIVA VO, ARIZ.	1955-75	1782.00	1450	4490	8000	14700	21600	30400
09489000	SANTA CRUZ RIVER NEAR LAVERN, ARIZ.	1940-46, 1948-75	8581.00	1030	2690	4360	7240	9980	13300
09489070	NORTH FORK OF EAST FORK BLACK RIVER NR ALPINE, ARIZ.	1966-75	38.10	218	603	1000	1690	2360	3150
09489100	BLACK RIVER NEAR MAVERICK, ARIZ.	1963-75	315.00	1450	3090	4520	6690	8560	10600
09489200	PACHETA CREEK NEAR MAVERICK, ARIZ.	1958-75	14.80	101	182	244	330	399	472
09489499	BLACK R ABV WILLOW CR DIV NR POINT OF PINES, ARIZ.	1954-75	560.00	1990	4350	6440	9640	12400	15600
09489700	BIG BONITO CREEK NR FORT APACHE, ARIZ.	1958-75	119.00	611	1150	1570	2180	2880	3200
09490500	BLACK RIVER NEAR FORT APACHE, ARIZ.	1958-75	1232.00	4850	12300	19600	31800	43000	56100
09490800	NORTH FORK WHITE RIVER NEAR GREEN, ARIZ.	1966-75	39.00	196	291	354	433	492	551
09491000	NORTH FORK WHITE RIVER NEAR MCNARY, ARIZ.	1946, 1948-75	66.00	390	683	906	1210	1460	1720
09492400	EAST FORK WHITE RIVER NR FORT APACHE, ARIZ.	1958-75	38.80	241	376	471	593	685	778
09494000	WHITE RIVER NEAR FORT APACHE, ARIZ.	1958-75	632.00	3270	5340	6830	8810	10300	11900
09494300	CARRIZO CR ABV CORDURDY CR NR SHOW LOW, ARIZ.	1954-66	225.00	1960	3870	5440	7730	9650	11700
09496000	CORDURDY CREEK NEAR MOUTH, NEAR SHOW LOW, ARIZ.	1952-75	203.00	1020	3810	7350	14500	22200	32300
09496500	CARRIZO CREEK NEAR SHOW LOW, ARIZ.	1952-75	439.00	2840	7320	11800	19200	26100	34200
09496600	CIBECUE 1 TRIB TO CARRIZO CR NR SHOW LOW, ARIZ.	1958-70	.10	45	96	140	206	263	327
09496700	CIBECUE 2 TRIB TO CARRIZO CR NR SHOW LOW, ARIZ.	1958-70	.06	42	71	93	122	146	170
09497500	SALT RIVER NEAR CHRYSTOLE, ARIZ.	1916, 1925-75	2849.00	9170	21000	32300	51100	68700	89700
09497800	CIBECUE CREEK NEAR CHRYSTOLE, ARIZ.	1959-75	295.00	3630	6920	9560	13300	16500	19800
09497900	CHERRY CREEK NEAR YOUNG, ARIZ.	1963-75	62.10	1380	3220	4930	7640	10100	12800
09497980	CHERRY CREEK NEAR GLOBE, ARIZ.	1966-75	200.00	1970	4300	6360	9530	12300	15300
09498500	SALT RIVER NEAR ROOSEVELT, ARIZ.	1916, 1925-75	4306.00	12800	31800	51500	86500	121000	164000
09498800	TONTO CREEK NEAR GISELA, ARIZ.	1965-75	430.00	8920	21600	33500	52900	70500	90700
09498870	RYE CREEK NEAR GISELA, ARIZ.	1963, 1966-75	122.00	2840	6390	9580	14600	19000	23900
09499000	TONTO CREEK ABOVE GUN CR, NR ROOSEVELT, ARIZ.	1941-75	675.00	9680	21800	32700	49900	65000	82200
09502800	WILLIAMSON VALLEY WASH NR PAULDEN, ARIZ.	1965-75	255.00	735	1750	2720	4340	5830	7590
09503000	GRANITE CREEK NR PRESCOTT, ARIZ.	1933-47, 1963, 1966	39.60	715	1660	2560	4040	5390	6970

Table 2.--Flood-frequency data for selected streamflow-gaging stations--Continued

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STATION NUMBER	STATION NAME	PERIOD OF RECORD	DRAINAGE AREA (IN SQUARE MILES)	FLOOD MAGNITUDE, IN CUBIC FEET PER SECOND, FOR INDICATED RECURRENCE INTERVAL, IN YEARS					
				Q2	Q5	Q10	Q25	Q50	Q100
09503700	VERDE RIVER NEAR PAULDEN, ARIZ.	1963-75	2160.00	982	2510	4060	6730	9280	12400
09504000	VERDE RIVER NR CLARKDALE, ARIZ.	1966-75	3150.00	5140	13600	22700	39000	55400	75900
09504500	OAK CREEK NEAR CURNVILLE, ARIZ.	1941-75	357.00	4320	9690	14600	22400	29400	37400
09505200	WET BEAVER CREEK NEAR RIMROCK, ARIZ.	1962-75	111.00	2320	5890	9500	15700	21600	28700
09505250	RED TANK DRAW NEAR RIMROCK, ARIZ.	1958-75	49.40	507	2340	5130	11700	19700	31400
09505300	RATTLESNAKE CANYON NEAR RIMROCK, ARIZ.	1958-75	28.60	542	1660	2940	5370	7870	11100
09505350	DRY BEAVER CREEK NEAR RIMROCK, ARIZ.	1961-75	142.00	2880	8550	14900	26700	38700	53900
09505800	WEST CLEAR CREEK NR CAMP VERDE, ARIZ.	1965-75	241.00	2750	6560	10200	16300	21900	28600
09507600	EAST VERDE RIVER NEAR PINE, ARIZ.	1962-74	6.65	302	968	1760	3280	4900	6980
09507700	WEBBER CR ABV W FK WEBBER CR NR PINE, ARIZ.	1959-74	4.92	94	295	529	977	1450	2050
09507980	EAST VERDE RIVER NR CHILDS, ARIZ.	1961-66, 1968-75	328.00	2740	8240	14500	26200	38100	53400
09508500	VERDE RIVER BLW TANGLE CR ABV HONSHOE DAM, ARIZ.	1891, 1906, 1925-75	5499.00	15800	37700	58400	92100	123000	158000
09510080	W FK SYCAMORE CR NR SUNFLOWER, ARIZ.	1962-74	9.80	63	394	988	2550	4640	7850
09510100	E FK SYCAMORE CR NR SUNFLOWER, ARIZ.	1962-75	4.49	30	158	362	850	1460	2340
09510150	SYCAMORE CR NR SUNFLOWER, ARIZ.	1962-75	52.30	971	3560	6820	13300	20300	29500
09510180	ROCK CR NR SUNFLOWER, ARIZ.	1963-74	15.20	489	1330	2200	3690	5100	6800
09510200	SYCAMORE CREEK NEAR FORT MCDOWELL, ARIZ.	1961-75	165.00	1660	5650	10400	19600	29100	41400
09512100	INDIAN BEND WASH NEAR SCOTTSDALE, ARIZ.	1961-75	142.00	288	2450	7340	23200	48300	92800
09512200	SALT R TRIB IN SOUTH MT PARK, AT PHOENIX ARIZ.	1961-75	1.75	26	195	455	976	1490	2080
09512500	AGUA FRIA RIVER NEAR MAYER, ARIZ.	1940-75	588.00	5400	9600	12800	17300	20900	24800
09513780	NEW RIVER NR ROCK SPRINGS, ARIZ.	1962-75	67.30	1580	5760	11100	22300	34700	51500
09513800	NEW RIVER AT NEW RIVER, ARIZ.	1961-75	85.70	2100	7220	13600	26400	40300	58800
09513835	NEW RIVER AT BELL ROAD, NR PEORIA, ARIZ.	1963, 1965-75	187.00	1470	5110	9650	18800	28800	42100
09513860	SKUNK CREEK NR PHOENIX, ARIZ.	1960-75	68.60	1200	4750	9600	20100	32100	48900
09515500	HASSAYAMPA R. AT BOX DAMSITE, NR. WICKENBURG, ARIZ.	1925, 1927, 1937-38, 1946-75	417.00	3090	8220	13600	23200	32700	44500
09517500	CENTENNIAL WASH NEAR ARLINGTON, ARIZ.	1961-75	1810.00	1890	5590	9730	17400	25200	35000
09537500	WHITewater DRAW NEAR DOUGLAS, ARIZ.	1916-20, 1930-75	1023.00	1940	2970	3660	4510	5140	5760

SAN JUAN RIVER BASIN

09379200 CHINLE CREEK NEAR MEXICAN WATER, AZ

LOCATION.--Lat 36°56'38", long 109°42'36", in sec.19, T.41 N., R.25 E. (unsurveyed), Apache County, Hydrologic Unit 14080204, in Navajo Indian Reservation, in midstream 150 ft (46 m) upstream from bridge on U.S. Highway 160, 3 mi (5 km) upstream from Walker Creek, 4 mi (6 km) southwest of Mexican Water, 5 mi (8 km) downstream from confluence of Chinle Wash and Laguna Creek, and 6 mi (10 km) upstream from Arizona-Utah State line.

DRAINAGE AREA.--3,660 mi² (9,480 km²), approximately, of which 360 mi² (932 km²) is noncontributing.

REMARKS.--Many Farms Reservoir, about 25 mi (40 km) upstream, was built in 1939 with an original capacity of 25,000 acre-ft (30.8 hm³). The reservoir provides off-channel storage for irrigation of about 1,600 acres (6.48 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1964	3280	08-01-64			1965	17800
1965	732	05-15-65		4.25	1966	9960
1966	650	12-24-65		4.14	1967	8160
1967	1230	08-10-67		4.80	1968	8640
1968	1040	08-08-68		4.62	1969	9600
1969	590	07-15-69		4.05	1970	17400
1970	9880	09-07-70	1950	7.55	1971	7090
1971	1050	08-23-71		4.63	1972	6720
1972	850	08-28-72		4.40	1973	34700
1973	984	10-20-72		4.56	1974	3240
1974	646	03-02-74		4.13	1975	25600
1975	3680	07-13-75		6.1		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
1965	16							2	3	4	9	7	18	3	49	47	50	40	19	27	4	10	7	12	4	11	16	5	2					
1966	49							10	8	2	6	6	27	13	22	24	45	27	27	26	21	14	15	3	10	5	4		1					
1967	19							2	8	4	17	16	51	76	29	27	34	19	17	13	4	7	3	3	5	4	3	2	2					
1968	20	1	1		2	1		10	6	7	22	12	36	59	25	44	37	35	6	7	7	7	1	1	5	5	5	3	1					
1969	34		1	1		1	1	7	2	2	4	2	50	6	27	19	70	36	24	22	9	9	12	9	8	5	2	2						
1970	32	3	3	1	1	3	1	8	3	2	10	9	40	49	40	27	62	22	13	7	7	3	4	4	2	1		3	2	2			1	
1971	22	1	1	2	1			14	4	13	10	12	21	69	32	66	40	18	11	5	6	3	1	2	2	2	2	2	3					
1972	22							1	5	2	9	13	40	51	47	48	40	28	26	6	4	7	4	4	2	1	3	1	2					
1973	17					1		1	2	15	4	2	25	2	10	21	68	27	26	8	15	15	9	23	1	24	34	9	2	1	3			
1974	88	1	2	3	2	2	2	5	5	14	3	13	40	10	39	58	23	17	26	2		4	2		2									
1975	48									10	20	4	30	21	57	18	41	14	12	5	13	10	8	9	5	13	14	8	1	2		1	1	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	367	4017	100.0	12	0.8	378	3220	80.2	24	71	46	264	6.5
1	0.01	6	3650	90.9	13	1.2	359	2842	70.7	25	100	70	218	5.4
2	0.02	8	3644	90.7	14	1.8	377	2483	61.8	26	150	83	148	3.6
3	0.03	7	3636	90.5	15	2.5	399	2106	52.4	27	220	38	65	1.6
4	0.04	6	3629	90.3	16	3.7	510	1707	42.5	28	310	16	27	.6
5	0.06	8	3623	90.2	17	5.3	283	1197	29.8	29	450	5	11	.2
6	0.09	4	3615	90.0	18	7.7	207	914	22.8	30	660	3	6	.1
7	0.10	60	3611	89.9	19	11.0	128	707	17.6	31	950	1	3	
8	0.20	46	3551	88.4	20	16.0	90	579	14.4	32	1400		2	
9	0.30	75	3505	87.3	21	23.0	89	489	12.2	33	2000	2	2	
10	0.40	114	3430	85.4	22	34.0	66	400	10.0	34				
11	0.50	96	3316	82.5	23	49.0	70	334	8.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1965	0.00 1	0.00 1	0.09 12	0.21 11	1.00 12	3.10 12	4.20 12	8.00 12	7.60
1966	0.00 2	0.00 2	0.00 1	0.00 1	0.05 6	0.13 2			7.80
1967	0.00 3	0.00 3	0.00 2	0.00 2	0.51 9	0.63 7	0.48 2	4.10 8	2.10
1968	0.00 4	0.00 4	0.00 3	0.01 9	0.04 4	0.26 5	0.85 5	2.10 6	6.60
1969	0.00 5	0.00 5	0.00 4	0.00 3	0.10 7	0.24 3	0.50 3	0.76 3	8.80
1970	0.00 6	0.00 6	0.00 5	0.00 4	0.22 8	0.59 6	4.00 11	6.20 11	1.50
1971	0.00 7	0.00 7	0.00 6	0.04 10	0.05 5	0.24 4	1.00 6	1.00 4	2.00
1972	0.00 8	0.00 8	0.00 7	0.00 5	0.78 11	1.00 9	0.56 4	0.73 2	2.30
1973	0.00 9	0.00 9	0.00 8	0.30 12	0.71 10	1.80 10	1.19 7	1.30 5	21.00
1974	0.00 10	0.00 10	0.00 9	0.00 6	0.00 1	0.07 1	2.20 8	5.90 10	2.00
1975	0.00 11	0.00 11	0.00 10	0.00 7	0.00 2	1.80 11	0.28 1	0.48 1	18.00

SAN JUAN RIVER BASIN

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09379200 CHINLE CREEK NEAR MEXICAN WATER, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1965	421.0 4	335.0 5	202.0 5	147.0 5	123.0 4	72.0 4	53.0 4	53.0 4	42.0 3
1966	350.0 8	184.0 9	95.0 10	67.0 10	45.0 10	35.0 8	28.0 8	23.0 8	21.0 5
1967	353.0 7	255.0 7	164.0 7	100.0 7	74.0 7	47.0 5	35.0 5	27.0 5	19.0 6
1968	317.0 9	237.0 8	179.0 6	141.0 6	88.0 5	45.0 6	30.0 6	23.0 6	16.0 8
1969	299.0 10	179.0 10	105.0 9	72.0 9	52.0 9	28.0 10	20.0 10	21.0 9	19.0 7
1970	4070.0 1	1650.0 1	752.0 1	384.0 1	223.0 1	114.0 2	77.0 3	58.0 3	38.0 4
1971	390.0 5	366.0 4	277.0 4	154.0 4	82.0 6	45.0 7	30.0 7	23.0 7	15.0 5
1972	362.0 6	287.0 6	163.0 8	85.0 8	53.0 8	30.0 9	25.0 9	20.0 10	14.0 10
1973	850.0 3	800.0 3	429.0 3	264.0 2	197.0 2	161.0 1	125.0 1	101.0 1	69.0 1
1974	250.0 11	170.0 11	81.0 11	41.0 11	23.0 11	13.0 11	9.9 11	8.9 11	6.7 11
1975	2000.0 2	1150.0 2	534.0 2	253.0 3	134.0 3	72.0 3	60.0 2	67.0 2	53.0 2

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
30.0	7.65	7.89	7.77	7.08	13.4	21.9	36.5	7.53	26.0	27.6	29.
1670	31.5	132	36.6	18.7	233	1014	3891	467	1398	725	3209
40.9	5.62	11.5	6.05	4.32	15.3	31.8	62.4	21.6	37.4	26.9	56.
2.38	2.18	2.51	1.04	1.55	1.24	1.96	1.73	3.28	2.46	0.93	2.
1.36	0.73	1.46	0.78	0.61	1.13	1.46	1.71	2.87	1.44	0.98	1.
13.5	3.43	3.54	3.49	3.18	6.03	9.81	16.4	3.38	11.7	12.4	13.

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
18.7	172	13.1	1.33	0.70	-0.542

COLORADO RIVER MAIN STEM

09380000 COLORADO RIVER AT LEES FERRY, AZ
(National stream-quality accounting network and pesticide station)

LOCATION.--Lat 36°51'53", long 111°35'15", in NE¼SE¼ sec.13, T.40 N., R.7 E., Coconino County, Hydrologic Unit 14070006, in Navajo Indian Reservation, on left bank at head of Marble Gorge at Lees Ferry, just upstream from Paria River, 16 mi (26 km) downstream from Glen Canyon Dam, 28 mi (45 km) downstream from Utah-Arizona State line, and 61.5 mi (99.0 km) upstream from Little Colorado River.

DRAINAGE AREA.--111,800 mi² (289,600 km²), approximately, including 3,959 mi² (10,254 km²) in Great Divide basin in southern Wyoming which is noncontributing (previously considered part of the Missouri River basin).

REMARKS.--Water-discharge record excellent. Flow completely regulated by Lake Powell 16 mi (26 km) upstream since Mar. 13, 1963.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATFR YEAR	TOTAL VOLUME, ACRE-FT
1884	300000	07-07-84	ES HP		1922	16276000
1921	220000	06-18-21			1923	16237000
1922	116000	05-31-22			1924	12462000
1923	98300	05-31-23		17.50	1925	11312000
1924	76200	06-17-24		15.20	1926	13976000
1925	54900	06-03-25		13.60	1927	16541000
1926	86500	05-29-26		16.7	1928	15507000
1927	127000	07-01-27		20.35	1929	19188000
1928	115000	06-03-28		19.55	1930	13052000
1929	114000	05-29-29		18.89	1931	6376000
1930	73300	06-03-30		15.15	1932	15250000
1931	34600	05-21-31		12.05	1933	9729000
1932	102000	05-26-32		18.30	1934	4578000
1933	82700	06-05-33		16.45	1935	9895000
1934	25300	05-16-34		11.05	1936	11935000
1935	105000	06-19-35		18.90	1937	11871000
1936	76300	05-23-36		16.14	1938	15414000
1937	84800	05-20-37		16.88	1939	9360000
1938	101000	06-08-38		18.45	1940	7056000
1939	49700	05-26-39		13.86	1941	16026000
1940	47200	05-18-40		13.54	1942	17010000
1941	120000	05-17-41		20.51	1943	11244000
1942	92800	05-30-42		17.30	1944	13201000
1943	68600	06-05-43		15.14	1945	11529000
1944	94400	05-19-44		17.20	1946	8722000
1945	64400	05-17-45		14.90	1947	13492000
1946	50400	06-14-46		13.66	1948	13668000
1947	80400	05-13-47		16.26	1949	14336000
1948	92400	05-25-48		17.76	1950	11043000
1949	119000	06-22-49		20.0	1951	9817000
1950	60600	06-06-50		14.81	1952	17961000
1951	67300	06-01-51		15.27	1953	8787000
1952	123000	06-12-52		21.15	1954	6101000
1953	69600	06-17-53		15.60	1955	7290000
1954	34300	05-26-54		12.04	1956	8741000
1955	35600	06-13-55		12.41	1957	17324000
1956	69600	06-06-56		15.68	1958	14219000
1957	126000	06-12-57		21.14	1959	6741000
1958	105600	06-01-58		19.00	1960	9183000
1959	38900	06-19-59		12.53	1961	6644000
1960	46700	06-08-60		13.43	1962	14771000
1961	40200	06-05-61		12.78	1963	2500000
1962	85000	05-16-62		17.22	1964	2414000
1963	19200	10-21-62	KR	10.08	1965	10820000
1964	20200	04-28-64	KR	10.34	1966	7854000
1965	60200	06-15-65	KR	15.02	1967	7797000
1966	21100	05-03-66	KR	10.92	1968	8334000
1967	22500	04-19-67	KR	11.10	1969	8823000
1968	26800	07-19-68	KR	11.73	1970	8672000
1969	26100	08-28-69	KR	11.63	1971	8591000
1970	27300	08-26-70	KR	11.70	1972	9311000
1971	28700	04-05-71	KR	11.94	1973	10108000
1972	30600	07-12-72	KR	12.06	1974	8266000
1973	31000	03-28-73	KR	12.06	1975	9255000
1974	27700	01-02-74	KR	11.68		
1975	28400	05-07-75	KR	11.79		

ES Discharge estimated from another site.

HP Isolated historic peak; not part of systematic record.

KR Known significant effect of regulation or diversion.

COLORADO RIVER MAIN STEM

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09380000 COLORADO RIVER AT LEES FERRY, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1922											8	17	24	32	67	24	20	34	15	11	12	7	14	3	6	3	4	5	10	9	10	13	12	5	
1923												32	25	55	62	11	6	3	7	9	11	19	19	15	13	5	13	5	9	12	17	14	3		
1924								7	3	5	6	22	23	20	18	30	38	23	45	22	3	3	10	4	8	8	9	12	14	15	15	3			
1925		1	1	3	2			1	4	2	14	21	14	55	36	17	14	12	14	21	16	22	12	11	30	15	11	15	1						
1926									1	4	6	15	26	44	26	33	20	29	25	20	7	8	8	15	11	10	9	13	5	12	16	2			
1927								3	4	2	9	2	43	43	22	20	18	27	9	16	12	21	11	12	4	4	11	11	15	23	12	7	2	2	
1928											2	13	13	14	51	28	20	48	39	13	17	16	18	4	3	4	17	3	2	16	9	8	6	2	
1929								1	3	2	2	20	35	23	11	35	11	8	17	13	11	9	29	16	18	16	18	10	6	11	9	16	13	2	
1930									3	1	7	9	14	20	21	43	34	37	16	27	15	19	13	11	12	12	22	11	12	4	2				
1931					4	8	19	8	16	19	33	32	39	40	39	16	17	18	15	7	5	10	10	9	1										
1932					1	2	1	2	11	22	29	24	36	14	28	13	23	12	15	12	7	14	7	12	10	8	11	16	19	5	6	6			
1933								1	8	16	17	17	37	35	60	33	31	20	12	6	4	12	4	4	6	3	2	6	4	2	8	15	2		
1934											9	3	23	48	95	32	11	8	6	7	8	11	8	9	6										
1935	2	2	10	17	20	19	11	9	3	23	31	37	22	11	17	19	10	17	12	7	5	9	10	4	3	5	10	4	5	6	4	3			
					1	15	32																												
1936									6	6	22	49	52	29	28	27	8	15	13	13	6	6	10	6	5	5	10	19	9	18	4				
1937									5	7	24	28	37	16	55	14	16	19	16	4	12	6	6	9	22	12	11	6	8	7	8	3			
1938											4	28	32	59	29	22	10	41	9	11	6	18	13	4	5	3	4	6	9	25	13	8	6		
1939								2	7	5	11	11	26	53	39	26	36	15	27	7	8	7	10	18	15	1	8	25	8						
1940					3	11	4	6	9	11	21	83	53	31	13	25	14	12	5	4	2	15	8	4	8	10	9	5							
1941											3	11	31	59	28	17	16	34	15	22	25	15	10	5	4	5	4	3	8	12	17	13	5	3	
1942								1	1	1	8	24	13	9	41	34	22	23	20	15	13	17	11	9	8	7	20	12	11	22	5	18			
1943											5	27	51	75	16	19	14	16	22	9	12	11	14	10	7	4	26	18	6	3					
1944									4	18	17	20	34	70	47	20	9	7	12	10	6	12	8	6	3	3	3	5	8	20	19	5			
1945											11	24	67	60	29	20	16	17	3	2	6	15	24	4	3	6	17	27	10	4					
1946									3	8	5	14	47	43	67	48	11	20	17	9	2	12	15	5	11	14	8	6							
1947											5	9	14	38	59	45	15	12	22	15	4	15	11	5	4	5	6	27	16	15	4				
1948								1	3	14	6	7	21	32	49	19	39	36	19	8	4	15	11	10	4	11	10	14	5	7	12	9			
1949											3	6	36	53	59	15	8	14	31	19	6	3	10	7	6	3	2	8	22	24	9	4	6	4	2
1950								2	1	2		4	14	26	19	37	46	61	27	10	9	8	4	14	12	17	8	10	7	15	17				
1951									1	4	4	34	41	51	74	28	6	7	10	25	9	6	10	9	4	11	10	7	7	7					
1952								2	2	5	8	19	61	58	30	9	19	29	11	8	2	7	3	5	10	5	7	9	12	12	6	19	4	4	
1953											13	7	7	50	59	77	23	18	23	19	16	9	5	2	2	3	2	6	13	4	7				
1954											7	16	21	30	38	79	40	21	33	20	21	13	4	6	6	2	7	1							
1955									8	4	31	29	30	40	38	42	26	15	11	8	12	11	12	9	20	17	2								
1956								20	5	39	20	33	64	46	17	12	1	14	14	7	7	6	9	10	7	9	3	5	11	7					
1957								9	14	20	20	43	31	2	34	27	13	3	4	6	6	16	13	4	5	6	14	17	11	9	4	11	17	3	3
1958											7	13	19	16	37	33	38	30	32	31	15	6	7	2	8	9	10	3	5	8	11	5	8	12	
1959											5	11	7	34	104	91	18	14	9	4	9	5	4	7	13	11	4	14	1						
1960								3	12	24	7	15	19	58	37	25	20	10	18	14	10	5	10	11	21	12	13	16	6						
1961					1	1	1		5	26	18	49	65	46	15	28	14	23	15	7	9	9	7	9	9	6	2								
1962											5	17	11	52	30	24	39	21	38	15	5	8	6	6	14	11	6	14	21	22	14	3	5		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	14975	100.0	12	5000.0	1572	12559	83.9	24	29000	322	2534	16.9
1	1000.00	3	14975	100.0	13	5800.0	1726	10987	73.4	25	33000	289	2212	14.7
2	1200.00	3	14972	100.0	14	6700.0	1440	9261	61.8	26	38000	378	1923	12.8
3	1300.00	14	14969	100.0	15	7700.0	1093	7821	52.2	27	44000	386	1545	10.3
4	1500.00	26	14955	99.9	16	8900.0	665	6728	44.9	28	51000	300	1159	7.7
5	1800.00	39	14929	99.7	17	10000.0	844	6063	40.5	29	59000	343	859	5.7
6	2100.00	66	14890	99.4	18	12000.0	622	5219	34.9	30	69000	214	516	3.4
7	2400.00	153	14824	99.0	19	14000.0	466	4597	30.7	31	79000	164	302	2.0
8	2800.00	170	14671	98.0	20	16000.0	353	4131	27.6	32	92000	108	138	.9
9	3200.00	353	14501	96.8	21	18000.0	444	3778	25.2	33	110000	23	30	.2
10	3700.00	525	14148	94.5	22	21000.0	444	3334	22.3	34	120000	7	7	
11	4300.00	1064	13623	91.0	23	25000.0	356	2890	19.3					

09380000 COLORADO RIVER AT LEES FERRY, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1922	3700.00 49	3770.00 44	4040.00 42	4220.00 38	4590.00 32	6150.00 44	6420.00 38	6510.00 35	8310.00 37
1923	4420.00 56	4460.00 53	4510.00 47	4570.00 44	4680.00 34	5660.00 37	5950.00 33	5960.00 25	6220.00 16
1924	2290.00 19	2300.00 16	2340.00 9	2600.00 11	3360.00 14	4400.00 19	6570.00 42	7160.00 39	8410.00 38
1925	1000.00 4	1180.00 5	1320.00 4	2150.00 5	3270.00 12	4260.00 16	5010.00 15	5230.00 14	6360.00 19
1926	3150.00 41	3230.00 37	3460.00 30	4130.00 36	4690.00 35	5960.00 42	6260.00 36	6910.00 38	9150.00 42
1927	2500.00 23	2600.00 21	2770.00 19	3290.00 17	4310.00 25	5160.00 22	5630.00 25	5750.00 23	6840.00 24
1928	4100.00 54	4200.00 48	4740.00 49	4850.00 47	5790.00 47	7120.00 47	7430.00 46	8270.00 45	10300.00 51
1929	2700.00 31	2800.00 24	3140.00 26	3910.00 28	4550.00 31	5210.00 24	5540.00 21	6270.00 32	8630.00 39
1930	2900.00 34	2900.00 28	3470.00 31	4050.00 33	4880.00 36	5570.00 34	6390.00 37	7250.00 40	8660.00 40
1931	2050.00 15	2060.00 12	2100.00 7	2240.00 7	2490.00 5	3320.00 7	5080.00 16	5400.00 16	6250.00 18
1932	1800.00 12	2050.00 11	2570.00 16	3510.00 26	3710.00 16	4230.00 15	4690.00 13	5130.00 13	7160.00 27
1933	2360.00 20	2590.00 20	2780.00 20	2930.00 16	3350.00 13	4010.00 11	4440.00 9	4920.00 11	5560.00 11
1934	1110.00 5	1150.00 4	1240.00 3	1400.00 3	1660.00 3	1980.00 3	2090.00 3	3500.00 4	5190.00 5
1935	2090.00 16	2170.00 14	2200.00 8	2260.00 8	2360.00 4	2720.00 4	3030.00 4	3300.00 3	3950.00 3
1936	2920.00 35	2930.00 29	3030.00 22	3340.00 20	3730.00 17	4190.00 14	4520.00 10	4660.00 7	5360.00 8
1937	1560.00 10	1970.00 9	2370.00 10	2740.00 12	3060.00 11	4000.00 10	4850.00 14	5320.00 15	6690.00 22
1938	4190.00 55	4230.00 50	4520.00 48	4670.00 46	5030.00 41	5550.00 32	5760.00 29	5970.00 26	7320.00 30
1939	2370.00 21	2380.00 17	2450.00 12	2790.00 14	3590.00 15	4380.00 18	5710.00 28	6020.00 28	8020.00 36
1940	1700.00 11	1770.00 8	1830.00 5	1930.00 4	2670.00 6	3570.00 8	4590.00 11	4730.00 8	5210.00 6
1941	3740.00 50	4120.00 46	4460.00 46	5020.00 48	5430.00 46	5650.00 36	5940.00 32	6120.00 29	7910.00 35
1942	2740.00 32	2980.00 32	3850.00 40	4280.00 40	4610.00 33	5940.00 40	7340.00 45	8240.00 44	13000.00 56
1943	4040.00 53	4130.00 47	4270.00 44	4600.00 45	5210.00 43	5480.00 31	5630.00 26	5670.00 19	6220.00 17
1944	3000.00 39	3090.00 33	3250.00 28	3390.00 23	3830.00 18	5220.00 25	5550.00 22	5980.00 27	6500.00 20
1945	3810.00 51	3880.00 45	4030.00 41	4480.00 42	4880.00 37	5190.00 23	5570.00 23	5620.00 18	5990.00 14
1946	3180.00 42	3180.00 35	3470.00 32	4160.00 37	5200.00 42	5470.00 30	5690.00 27	6150.00 30	6840.00 23
1947	3200.00 43	3270.00 38	3550.00 33	4070.00 35	4360.00 27	5300.00 28	5900.00 31	6330.00 33	7240.00 28
1948	2780.00 33	2830.00 26	3050.00 23	3330.00 19	3840.00 19	6250.00 45	7050.00 44	7730.00 43	9310.00 44
1949	1510.00 9	1730.00 7	2470.00 13	3480.00 25	4960.00 38	5290.00 27	5600.00 24	5810.00 24	6920.00 26
1950	3600.00 48	3700.00 43	3840.00 33	4060.00 34	4510.00 30	5730.00 38	6230.00 35	6660.00 37	7620.00 33
1951	3060.00 40	3310.00 39	4110.00 43	4470.00 41	4980.00 39	5560.00 33	5840.00 30	5700.00 21	6100.00 15
1952	2930.00 37	3100.00 34	3570.00 34	4260.00 39	5360.00 45	6090.00 43	6470.00 41	6600.00 36	6850.00 25
1953	3200.00 44	3200.00 36	3290.00 29	3440.00 24	4340.00 26	5940.00 41	6060.00 34	6220.00 31	6510.00 21
1954	2950.00 38	2970.00 31	3080.00 24	3300.00 18	4290.00 23	5220.00 26	5520.00 20	5690.00 20	5900.00 12
1955	2520.00 24	2550.00 19	2590.00 17	2810.00 15	3860.00 20	3980.00 9	4260.00 7	4630.00 6	5910.00 13
1956	2480.00 22	2500.00 18	2510.00 15	2550.00 10	2790.00 8	4020.00 12	4430.00 8	4840.00 9	5450.00 9
1957	2610.00 29	2610.00 22	2640.00 18	2740.00 13	2980.00 10	4020.00 13	4030.00 6	4150.00 5	5110.00 4
1958	3480.00 46	3530.00 42	3710.00 35	3990.00 32	4440.00 28	4850.00 20	6440.00 39	8600.00 49	10400.00 52
1959	2920.00 36	2960.00 30	3120.00 25	3370.00 22	4130.00 21	5320.00 29	5450.00 19	5520.00 17	5560.00 10
1960	2240.00 18	2300.00 15	2440.00 11	2510.00 9	2800.00 9	3290.00 6	5330.00 17	5710.00 22	7500.00 32
1961	1420.00 7	1590.00 6	2990.00 21	3350.00 21	4200.00 24	4360.00 17	4680.00 12	4970.00 12	5330.00 7
1962	3340.00 45	3440.00 41	3840.00 39	3950.00 29	4500.00 29	5630.00 35	6440.00 40	7410.00 41	9470.00 46
1963	700.00 1	900.00 1	987.00 2	999.00 2	1000.00 2	1000.00 2	1130.00 2	1460.00 2	1310.00 1
1964	920.00 3	923.00 3	933.00 1	946.00 1	972.00 1	987.00 1	997.00 1	1000.00 1	2410.00 2
1965	2530.00 27	3380.00 40	3810.00 36	3950.00 30	4160.00 22	5080.00 21	5430.00 18	6360.00 34	7340.00 31
1966	2630.00 30	4210.00 49	4830.00 50	5430.00 50	6370.00 49	7800.00 52	8190.00 49	8520.00 48	9250.00 43
1967	2560.00 28	4830.00 54	6560.00 56	7550.00 56	8190.00 56	9050.00 56	9060.00 54	9310.00 51	9710.00 47
1968	2520.00 25	4430.00 51	6010.00 53	6470.00 53	6620.00 50	7190.00 48	7810.00 47	8400.00 47	9320.00 45
1969	4020.00 52	5720.00 56	6400.00 55	7060.00 55	7960.00 55	8780.00 55	9070.00 55	9540.00 53	10100.00 50
1970	2530.00 26	4450.00 52	4960.00 51	5750.00 51	6720.00 51	7750.00 51	9170.00 56	10100.00 56	10500.00 53
1971	2000.00 13	2850.00 27	4390.00 45	5190.00 49	5930.00 48	7730.00 50	8600.00 52	8290.00 46	8810.00 41
1972	2170.00 17	2720.00 23	3820.00 37	4510.00 43	5020.00 40	6300.00 46	8380.00 50	9910.00 54	10890.00 54
1973	3490.00 47	5170.00 55	6060.00 54	6430.00 52	6720.00 52	8120.00 54	8970.00 53	9930.00 55	13000.00 55
1974	1410.00 6	1980.00 10	3240.00 27	3700.00 27	5260.00 44	5800.00 39	6620.00 43	7710.00 42	7690.00 34
1975	2010.00 14	2820.00 25	5350.00 52	6870.00 54	7080.00 54	7890.00 53	8530.00 51	9460.00 52	9910.00 49

COLORADO RIVER MAIN STEM

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09380000 COLORADO RIVER AT LEES FERRY, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	5	7	15	30	60	90	120	183
1922	116000.0 5	115000.0 3	111000.0 3	99800.0 3	95000.0 2	79800.0 3	63100.0 3	52200.0 4	38000.0 6
1923	96200.0 13	94500.0 13	91000.0 12	84700.0 11	81000.0 8	70300.0 6	58300.0 7	49700.0 5	38600.0 5
1924	72800.0 23	71500.0 23	66400.0 23	62000.0 23	58800.0 22	51600.0 20	45000.0 19	36900.0 20	27100.0 22
1925	52300.0 31	50700.0 31	49400.0 31	47200.0 31	41400.0 32	38400.0 30	34500.0 28	30200.0 27	24900.0 25
1926	84000.0 17	80800.0 19	76900.0 19	75300.0 15	68700.0 15	58000.0 16	48800.0 16	40800.0 16	30100.0 17
1927	119000.0 3	105000.0 8	84800.0 15	74200.0 18	67200.0 18	65100.0 12	55600.0 9	46500.0 10	38800.0 4
1928	113000.0 7	112000.0 5	107000.0 4	92900.0 6	82900.0 7	67000.0 7	53600.0 12	44200.0 13	32800.0 13
1929	111000.0 8	108000.0 7	101000.0 8	92400.0 7	90700.0 3	76000.0 4	61800.0 4	55400.0 3	44300.0 1
1930	71400.0 24	68900.0 24	61100.0 27	57200.0 25	52900.0 24	42500.0 26	38600.0 23	33300.0 23	27200.0 21
1931	33500.0 40	31700.0 40	30500.0 40	28200.0 40	26500.0 39	21300.0 39	18000.0 39	15400.0 39	12100.0 39
1932	99800.0 12	98400.0 12	94200.0 10	87700.0 10	72700.0 14	65600.0 11	55400.0 10	47100.0 9	35500.0 8
1933	79900.0 20	77700.0 20	76900.0 20	74300.0 17	67600.0 16	47900.0 23	36400.0 27	29400.0 28	21700.0 28
1934	24700.0 41	24500.0 41	23000.0 41	20700.0 41	18300.0 41	14700.0 41	11700.0 41	10100.0 41	8350.0 41
1935	104000.0 9	99500.0 10	92200.0 11	81800.0 13	67300.0 17	49300.0 22	38300.0 24	31600.0 26	23300.0 27
1936	74600.0 22	72900.0 22	70600.0 22	67800.0 21	61700.0 21	54100.0 19	44400.0 20	37000.0 19	27600.0 19
1937	82000.0 19	81400.0 18	77500.0 18	72400.0 19	63300.0 20	49900.0 21	42500.0 21	36200.0 21	27200.0 20
1938	100000.0 11	99200.0 11	96000.0 9	89900.0 8	79100.0 9	66400.0 8	58700.0 6	47600.0 8	35300.0 9
1939	48300.0 33	47900.0 32	45200.0 33	42900.0 32	41500.0 31	35300.0 31	30600.0 31	26000.0 32	19000.0 32
1940	45700.0 34	45300.0 35	44300.0 35	39800.0 35	37700.0 34	29900.0 35	23500.0 35	19500.0 35	14600.0 36
1941	119000.0 4	115000.0 4	107000.0 5	94700.0 5	85400.0 5	75000.0 5	59700.0 5	49100.0 6	36400.0 7
1942	90800.0 16	90300.0 15	87200.0 13	83400.0 12	76900.0 10	62600.0 14	58000.0 8	48400.0 7	34900.0 10
1943	64400.0 28	62700.0 28	56200.0 30	50500.0 30	46100.0 30	40400.0 28	37600.0 25	32500.0 24	25100.0 24
1944	91600.0 15	88800.0 16	79100.0 16	74700.0 16	74200.0 12	66000.0 10	51100.0 15	42800.0 14	30700.0 14
1945	62500.0 29	62100.0 29	59300.0 28	54100.0 28	49000.0 29	47400.0 24	40200.0 22	35100.0 22	26100.0 23
1946	49200.0 32	47700.0 33	45500.0 32	42900.0 33	33500.0 35	31400.0 34	27000.0 34	22900.0 34	17700.0 34
1947	77300.0 21	76300.0 21	71500.0 21	63500.0 22	56100.0 23	55700.0 17	46500.0 18	39600.0 18	30500.0 16
1948	91800.0 14	90500.0 14	86200.0 14	80200.0 14	74100.0 13	58800.0 15	48300.0 17	40200.0 17	29800.0 18
1949	115000.0 6	110000.0 6	101000.0 6	89700.0 9	74300.0 11	63100.0 13	55400.0 11	45900.0 11	33800.0 11
1950	58300.0 30	56800.0 30	56400.0 29	54500.0 27	51600.0 26	42500.0 25	37200.0 26	31600.0 25	23900.0 26
1951	66200.0 27	64700.0 27	61700.0 26	53100.0 29	49300.0 28	40800.0 27	33000.0 29	28000.0 29	21200.0 29
1952	122000.0 2	121000.0 2	119000.0 1	109000.0 1	88500.0 4	86500.0 1	72100.0 1	59100.0 1	42600.0 3
1953	68500.0 25	67000.0 25	63500.0 25	56000.0 26	51000.0 27	35300.0 32	27800.0 33	23600.0 33	18300.0 33
1954	33800.0 39	33200.0 38	32000.0 38	28300.0 39	22900.0 40	17600.0 40	15300.0 40	13600.0 40	11100.0 40
1955	34300.0 38	33000.0 39	31900.0 39	29700.0 38	27800.0 38	26300.0 36	22000.0 36	18800.0 36	15000.0 35
1956	68500.0 26	67000.0 26	64900.0 24	60700.0 24	52200.0 25	40300.0 29	31700.0 30	26600.0 30	19600.0 31
1957	124000.0 1	123000.0 1	117000.0 2	109000.0 2	101000.0 1	80400.0 2	68900.0 2	58000.0 2	42700.0 2
1958	104000.0 10	104000.0 9	101000.0 7	96100.0 4	85300.0 6	66400.0 9	52000.0 13	42100.0 15	30700.0 15
1959	38400.0 37	37900.0 37	37500.0 36	36000.0 36	31400.0 36	25900.0 37	20300.0 37	17000.0 37	13300.0 37
1960	45500.0 35	45300.0 34	44400.0 34	42100.0 34	37900.0 33	31600.0 33	30100.0 32	26600.0 31	19700.0 30
1961	39700.0 36	38500.0 36	36600.0 37	33500.0 37	30100.0 37	22900.0 38	18600.0 38	15700.0 38	13000.0 38
1962	83400.0 18	82700.0 17	79100.0 17	68800.0 20	65300.0 19	55400.0 18	51300.0 14	44500.0 12	33400.0 12

COLORADO RIVER MAIN STEM

09380000 COLORADO RIVER AT LEES FERRY, AZ--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
8215	7448	5850	5262	6717	9254	19910	44190	52420	21190	10430	8285
22250000	5994000	1526000	920900	3015000	5968000	89070000	3.57E+08	4.24E+08	1.38E+08	42490000	39650000
4717	2448	1235	960	1736	2443	9438	18900	20580	11750	6518	6297
2.50	1.42	0.54	0.52	2.24	0.42	0.80	0.18	-0.06	1.23	1.36	2.62
0.57	0.33	0.21	0.18	0.26	0.26	0.47	0.43	0.39	0.55	0.62	0.76
4.12	3.74	2.94	2.64	3.37	4.65	9.99	22.2	26.3	10.6	5.24	4.16

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
16610	27010000	5198	-0.12	0.31	0.190

PARIA RIVER BASIN

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09382000 PARIA RIVER AT LEES FERRY, AZ

LOCATION.--Lat 36°52'20", long 111°35'38", in NW 1/4 sec.13, T.40 N., R.7 E., Coconino County, Hydrologic Unit 14070007, on left bank 0.6 mi (1.0 km) northwest of Lees Ferry, and 1.1 mi (1.8 km) upstream from mouth.

DRAINAGE AREA.--1,410 mi² (3,652 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT.FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1924	4330	09-10-24						1924	18800
1925	4800	09-19-25						1925	29500
1926	16100	10-05-25		16.3				1926	32100
1927	14300	09-13-27		16.0				1927	45900
1928	2960	07-16-28		7.50				1928	16100
1929	12000	08-02-29		13.8				1929	34800
1930	7150	08-11-30		11.0				1930	19000
1931	2190	11-18-30		7.53				1931	11400
1932	10500	08-28-32		13.0				1932	37900
1933	3660	08-22-33		8.81				1933	16700
1934	8400	08-29-34		11.8				1934	19400
1935	2700	09-01-35		8.12				1935	17100
1936	8700	07-11-36		11.95				1936	35300
1937	3720	08-29-37		8.85				1937	27000
1938	7440	03-03-38		11.22				1938	25700
1939	9800	09-13-39		12.9				1939	33700
1940	14000	09-06-40		16.0				1940	26400
1941	7500	07-24-41		12.3				1941	27700
1942	1680	10-28-41		7.50				1942	19700
1943	4680	08-22-43		9.8				1943	18700
1944	8400	10-19-43		12.1				1944	19000
1945	3290	09-03-45		8.83				1945	16400
1946	4980	07-25-46		10.0				1946	22900
1947	7650	08-22-47		11.77				1947	23200
1948	6150	08-05-48		11.6				1948	19100
1949	3410	09-29-49		10.0				1949	19600
1950	1340	07-19-50		8.17				1950	13500
1951	4480	08-04-51		11.5				1951	13900
1952	1830	09-22-52		9.0				1952	18900
1953	6400	08-27-53		12.8				1953	17900
1954	3980	09-12-54		11.2				1954	15700
1955	3010	08-17-55		11.1				1955	17700
1956	1420	08-17-56		9.3				1956	9930
1957	3310	08-22-57		11.20	NM	11.33	07-12-57	1957	16600
1958	11500	09-12-58	ES	15.3				1958	39200
1959	5370	08-19-59		11.80				1959	13900
1960	370	06-07-60		7.67				1960	10500
1961	8040	08-04-61		13.15				1961	514000
1962	2830	09-21-62		10.77				1962	15100
1963	7150	09-01-63		16.35				1963	20000
1964	2360	08-12-64		12.00				1964	13300
1965	1220	09-06-65		9.99				1965	15500
1966	2140	11-23-65		12.4				1966	16000
1967	3500	12-07-66		13.45				1967	26300
1968	4090	07-27-68		13.66				1968	23700
1969	2570	01-26-69		11.96				1969	26700
1970	3010	08-20-70		12.50				1970	15500
1971	1880	08-26-71		10.58				1971	15900
1972	4750	06-22-72		14.10				1972	19400
1973	5530	10-19-72		13.95				1973	31400
1974	520	07-23-74		7.90				1974	10700
1975	3680	07-30-75		12.37				1975	18600

NM Not maximum gage height for water year.
ES Discharge estimated from another site.

09382000 PARIA RIVER AT LEES FERRY, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1924					39	33	32		12	12	10	73	49	42	53	4				2		1		1	1			1		1						
1925				27	18	14	54		33	12	27	49	50	35	18	9	4	2	2	1	1	2			3			1			2					
1926		1	45		33	4	14		4	8	31	91	62	22	18	10	3	4	3	3	4	1	1		1							1			1	
1927		16	43		10	12	21		8	18	33	52	44	30	21	6	11	11	5	1	6	6	3	3	1	1				1		1			1	
1928		3	32		22	29	35		19	15	33	58	66	20	10	7	5	2	3	1	2	1	1	1	1	1		1	1							
1929			22		51	5	23		14	11	44	50	59	25	22	7	3	7	3	1	1	4	2	1	3	1	4		1		1					
1930		1	31		39	6	41		22	35	62	51	25	12	8	7	7	2	4	2		2	4		3				1							
1931			36		52	20	40		23	32	53	34	25	14	9	11	8	4			2			2												
1932			27		10	16	31		36	37	27	22	52	16	19	19	15	12		6	5	4	3							1	1				1	
1933			11		22	27	30		50	25	24	59	51	18	12	10	5	5	11			2			2	1										
1934					19	49	44		40	21	32	43	55	25	7	7	6	4	2	3	3	2		1				1								
1935			4		29	19	54		39	25	21	26	33	30	44	17	8	8	3		2			2	1			1								
1936			1		49	23	14		36	19	20	37	79	31	14	10	4	4	2	4	2	5	2	3	2	2			1	1				1		
1937					9	24	37		37	17	31	61	34	11	20	15	23	12	9	8	5	4	5		2	1										
1938					7	56	17		8	12	27	58	85	45	11	11	7	4	4	2	3	2	2	1	1				1			1				
1939			32		57	25	15		14	15	31	28	42	52	28	8	1	5	3	3	1			2	1								1		1	
1940					73	35	33		12	8	34	51	60	21	10	7	4	2	3	2	4							2	1	1		1				
1941			14		18	22	12		12	13	24	26	53	35	40	29	22	15	10	7	6	1	4	1		1										
1942			5		41	38	14		12	8	19	32	60	59	32	16	9	5	4	2	3	1	4	1												
1943			34		41	21	23		18	5	10	31	76	46	25	11	6	6	3	1	2	2	1	1	1		1									
1944				23	52	29	6		12	17	34	41	45	40	32	14	7	5	2	1			4										1			
1945			1	22	32	19	38		25	18	20	41	75	37	12	12	4	2	2		2			1				2								
1946				16	46	24	30		22	15	20	47	78	27	14	3	4	2	6	1		1		3	2	1		2	1							
1947					29	46	40		29	9	18	50	54	44	18	9	5	1	2	1	2	2	1	2	1	1		1						1		
1948					35	52	26		21	13	19	40	58	44	30	6	5	1	3	3	3	4		1	1				1							
1949			1	2	32	29	22		32	26	23	34	63	22	13	28	15	6	5	3	5	2	1													
1950					18	90	19		22	10	11	76	36	36	26	5	6	3	3					1												
1951					24	73	38		28	25	25	28	76	26	9	4	3	1	1	1																
1952					23	37	47		23	21	20	31	43	42	33	8	10	13	7	4			2	2		1	2									
1953					13	42	49		35	41	23	45	58	29	7	8	3		2	1		1	3	2	1		1									
1954				2	49	46	23		31	25	31	60	44	23	10	5	5	1	2	2	3				2											
1955					31	64	22		18	28	45	50	41	17	13	6	11	7	3	1	2	2		1	1	1	1	1								
1956					8	86	44		63	24	18	39	55	11	5	4	2	3			2		1	1												
1957					7	72	30		27	28	59	43	34	23	11	8	5	7	6				1	1	1	1	2									
1958			2	22	42	21	15		11	17	22	41	33	39	18	17	18	12	11	5	5	2	2	2	2	2	3	1	1	1						
1959				2	29	72	31		25	19	42	66	41	14	9	4	1	3		1	1					2	1									
1960				1	35	85	47		13	30	28	31	35	30	14	4	2	4	6	1																
1961		1	1	4	28	49	27		14	19	51	76	47	12	9	2	5	4	3		3	2				1		1	2	2		1	1			
1962				1	39	83	31		38	17	30	27	41	18	12	10	6		2	2	2	2		2		1										
1963			1	6	45	41	21		32	53	57	40	18	13	6	4	3	7	4	2	2	2	3		3	1										
1964				2	34	42	23		46	28	50	54	30	25	14	2	5	2	1	2	3	1		1												
1965					5	25	29		36	38	31	40	83	29	9	10	15	9	3	1		1				1										
1966					6	40	47		14	35	35	29	31	23	25	17	12	3	6	2	3	1					1									
1967			1	4	8	20	40		32	36	22	55	66	30	15	9	5	6	1	3	3	1	1	1	1	2	1			1	2					
1968		9	9	18	15	34	23		16	34	25	17	47	39	20	13	15	13	5	2	1	1	4	3	1	1										
1969		4	2	16	11	15	19		22	37	43	38	26	23	19	30	13	14	6	7	11	5	2		1											
1970			1	16	28	33	39		28	12	9	25	76	59	17	9	3	1	4	2				1		1										
1971		3	1	26	33	25	37		46	30	25	25	37	36	14	3	4	6	2		6		2		2	2										
1972			1	8	27	37	52		42	33	25	38	48	19	11	9	1	1		3	1	1		1	3	2	3									
1973				10	10	26	18		39	19	24	36	41	22	32	21	13	18	13	10	6			2	1	2	1							1		
1974					32	50	41		44	17	25	35	53	40	17	3	4	2			1	1														
1975					3	51	44		19	26	22	32	59	38	30	9	13	5	2	2	3	3	2	1	1											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	18993	100.0	12	18.0	2632	7039	37.1	24	440	52	154	.8
1	1.00	21	18993	100.0	13	24.0	1519	4407	23.2	25	570	32	102	.5
2	1.30	17	18972	99.9	14	31.0	945	2888	15.2	26	750	26	70	.3
3	1.70	385	18955	99.8	15	41.0	517	1943	10.2	27	970	14	44	.2
4	2.20	207	18570	97.8	16	53.0	374	1426	7.5	28	1300	10	30	.1
5	2.90	1502	18363	96.7	17	69.0	276	1052	5.5	29	1700	4	20	.1
6	3.80	1943	16861	88.8	18	90.0	195	776	4.1	30	2200	9	16	
7	4.90	1569	14918	78.5	19	120.0	118	581	3.1	31	2800	3	7	
8	6.40	1375	13349	70.3	20	150.0	121	463	2.4	32	3700		4	
9	8.30	1148	11974	63.0	21	200.0	75	342	1.8	33	4800	2	4	
10	11.00	1525	10826	57.0	22	260.0	64	267	1.4	34	6200	2	2	
11	14.00	2262	9301	49.0	23	340.0	49	203	1.1					

PARIA RIVER BASIN

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09382000 PARIA RIVER AT LEES FERRY, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1924	3.00 62	3.00 51	3.00 43	3.00 30	3.20 25	4.20 44	5.70 39	11.00 65	16.00 51
1925	2.00 21	2.00 11	2.00 13	2.10 10	2.30 6	3.30 10	5.80 40	9.40 47	12.00 31
1926	1.00 3	1.70 7	1.90 8	1.90 4	2.00 1	3.20 7	5.90 43	10.00 54	19.00 62
1927	1.00 4	1.00 1	1.00 1	1.90 5	2.00 2	2.80 3	4.50 19	11.00 55	23.00 71
1928	1.00 5	1.00 2	1.60 4	1.80 1	2.10 3	3.70 22	4.70 20	9.90 49	17.00 56
1929	2.00 22	2.00 12	2.00 9	2.00 6	2.40 7	2.80 4	3.20 3	5.90 18	12.00 32
1930	1.00 6	1.70 8	1.90 5	2.10 7	3.00 18	4.30 45	4.90 27	6.20 25	11.00 23
1931	2.00 23	2.00 13	2.10 14	2.40 12	2.70 11	4.10 41	6.70 47	6.50 26	10.00 19
1932	2.00 24	2.00 14	2.00 10	2.10 8	3.80 53	6.20 68	8.50 66	15.00 73	36.00 81
1933	2.00 25	2.00 15	2.10 15	2.40 13	2.60 8	3.80 23	5.90 44	8.90 42	16.00 52
1934	3.00 63	3.00 52	3.00 44	3.00 31	3.80 54	4.90 60	8.00 63	11.00 56	17.00 57
1935	2.00 26	2.30 25	2.70 31	2.70 20	2.90 12	3.90 30	7.80 57	11.00 57	22.00 66
1936	2.00 27	2.70 40	2.90 32	3.00 32	3.20 26	3.40 11	3.80 8	7.30 33	16.00 53
1937	3.00 64	3.00 53	3.30 60	3.60 61	5.20 73	6.40 69	13.00 78	16.00 74	30.00 77
1938	3.00 65	3.00 54	3.30 61	3.90 77	4.00 59	7.70 74	11.00 75	13.00 68	23.00 72
1939	2.00 28	2.00 16	2.00 11	2.20 11	2.30 4	2.50 1	2.70 1	4.10 2	11.00 20
1940	3.00 66	3.00 55	3.00 45	3.00 33	3.00 19	3.20 8	3.40 4	3.70 1	7.90 3
1941	2.00 29	2.00 17	2.30 16	2.50 14	4.80 72	11.00 79	20.00 81	19.00 79	34.00 80
1942	2.00 30	2.00 18	2.60 28	2.80 29	2.90 13	3.30 9	6.90 48	11.00 58	15.00 47
1943	2.00 31	2.00 19	2.00 12	2.10 9	2.30 5	2.50 2	3.00 2	5.10 11	14.00 38
1944	2.20 39	2.50 31	2.50 19	2.70 21	3.10 20	4.00 37	4.30 17	5.30 12	12.00 24
1945	2.10 36	2.20 22	2.50 20	2.50 15	2.90 14	3.10 5	4.30 18	8.40 39	16.00 48
1946	2.30 40	2.40 26	2.50 21	2.80 22	2.90 15	3.10 6	3.70 7	7.60 34	13.00 33
1947	2.90 55	3.10 56	3.20 52	3.80 70	4.00 60	4.10 38	5.20 34	5.50 13	9.50 14
1948	3.00 67	3.10 57	3.20 53	3.40 50	4.10 61	6.00 67	7.90 60	9.40 48	19.00 63
1949	2.00 32	2.50 32	3.30 62	3.80 71	6.80 80	15.00 80	15.00 79	17.00 75	24.00 73
1949	2.00 33	2.50 33	3.30 63	3.80 72	6.80 81	15.00 81	15.00 80	17.00 76	24.00 74
1950	3.30 72	3.40 70	3.60 72	3.70 64	3.80 55	3.90 31	4.20 13	7.00 29	14.00 39
1950	3.30 73	3.40 71	3.60 73	3.70 65	3.80 56	3.90 32	4.20 14	7.00 30	14.00 40
1951	2.90 56	3.10 58	3.20 54	3.30 44	3.70 47	4.30 46	7.80 58	8.90 43	12.00 25
1951	2.90 57	3.10 59	3.20 55	3.30 45	3.70 48	4.30 47	7.80 59	8.90 44	12.00 26
1952	3.20 70	3.50 72	3.50 70	3.60 62	4.50 70	6.80 70	9.10 69	13.00 69	22.00 67
1952	3.20 71	3.50 73	3.50 71	3.60 63	4.50 71	6.80 71	9.10 70	13.00 70	22.00 68
1953	3.00 68	3.10 60	3.30 64	3.50 57	4.10 62	4.70 58	5.00 28	7.30 31	12.00 27
1953	3.00 69	3.10 61	3.30 65	3.50 58	4.10 63	4.70 59	5.00 29	7.30 32	12.00 28
1954	2.50 43	3.10 62	3.20 56	3.50 59	3.70 49	5.60 63	7.60 55	10.00 50	15.00 41
1954	2.50 44	3.10 63	3.20 57	3.50 60	3.70 50	5.60 64	7.60 56	10.00 51	15.00 42
1955	2.90 58	3.20 68	3.30 58	3.40 51	3.50 37	4.50 48	4.70 21	5.90 19	15.00 43
1955	2.90 59	3.20 69	3.30 59	3.40 52	3.50 38	4.50 49	4.70 22	5.90 20	15.00 44

PARIA RIVER BASIN

09382000 PARIA RIVER AT LEES FERRY, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
 DISCHARGE, IN CUBIC FEET PER SECOND
 MEAN

YEAR	1	3	7	14	30	60	90	120	183
1956	3.60 80	3.60 78	3.70 74	3.90 73	4.00 57	4.60 52	5.10 32	5.50 14	9.20 10
1956	3.60 81	3.60 79	3.70 75	3.90 74	4.00 58	4.60 53	5.10 33	5.50 15	9.20 11
1957	3.40 74	3.50 74	3.70 76	3.80 66	5.60 74	10.00 77	10.00 73	11.00 59	18.00 58
1957	3.40 75	3.50 75	3.70 77	3.80 67	5.60 75	10.00 78	10.00 74	11.00 60	18.00 59
1958	2.00 34	2.20 23	2.60 29	2.80 23	3.00 16	4.10 39	6.90 49	10.00 52	28.00 75
1958	2.00 35	2.20 24	2.60 30	2.80 24	3.00 17	4.10 40	6.90 50	10.00 53	28.00 76
1959	2.80 49	2.90 45	3.10 46	3.30 46	3.70 51	4.00 33	4.20 15	4.90 9	9.00 8
1959	2.80 50	2.90 46	3.10 47	3.30 47	3.70 52	4.00 34	4.20 16	4.90 10	9.00 9
1960	2.60 45	3.10 64	3.50 66	3.50 53	3.60 43	3.80 24	5.50 35	6.90 27	7.60 1
1960	2.60 46	3.10 65	3.50 67	3.50 54	3.60 44	3.80 25	5.50 36	6.90 28	7.60 2
1961	1.60 11	2.50 34	2.90 33	3.10 34	3.50 39	3.90 26	5.90 45	7.80 35	11.00 21
1961	1.60 12	2.50 35	2.90 34	3.10 35	3.50 40	3.90 27	5.90 46	7.80 36	11.00 22
1962	2.80 51	3.10 66	3.10 48	3.40 48	3.60 41	3.90 28	4.80 23	4.80 5	8.00 4
1962	2.80 52	3.10 67	3.10 49	3.40 49	3.60 42	3.90 29	4.80 24	4.80 6	8.00 5
1963	1.90 19	2.60 36	2.90 35	3.10 36	3.20 27	3.40 12	3.60 5	4.20 3	8.50 6
1963	1.90 20	2.60 37	2.90 36	3.10 37	3.20 28	3.40 13	3.60 6	4.20 4	8.50 7
1964	2.60 47	2.70 41	3.00 37	3.50 55	3.70 45	4.20 42	7.30 51	11.00 61	13.00 34
1964	2.60 48	2.70 42	3.00 38	3.50 56	3.70 46	4.20 43	7.30 52	11.00 62	13.00 35
1965	3.50 76	3.50 76	3.70 78	4.10 80	6.60 78	7.00 72	12.00 76	17.00 77	17.00 54
1965	3.50 77	3.50 77	3.70 79	4.10 81	6.60 79	7.00 73	12.00 77	17.00 78	17.00 55
1966	2.20 37	2.70 43	3.00 39	3.10 38	3.40 35	3.50 14	4.00 9	5.90 21	10.00 15
1966	2.20 38	2.70 44	3.00 40	3.10 39	3.40 36	3.50 15	4.00 10	5.90 22	10.00 16
1967	1.80 13	2.10 20	2.50 22	3.90 75	6.10 76	7.80 75	8.00 61	9.20 45	15.00 45
1967	1.80 14	2.10 21	2.50 23	3.90 76	6.10 77	7.80 76	8.00 62	9.20 46	15.00 46
1968	1.30 7	1.40 3	1.50 2	1.90 2	2.70 9	5.70 65	8.50 64	11.00 63	23.00 69
1968	1.30 8	1.40 4	1.50 3	1.90 3	2.70 10	5.70 66	8.50 65	11.00 64	23.00 70
1969	1.40 9	1.70 9	1.90 6	2.50 16	3.20 29	3.70 16	8.60 67	23.00 80	33.00 78
1969	1.40 10	1.70 10	1.90 7	2.50 17	3.20 30	3.70 17	8.60 68	23.00 81	33.00 79
1970	1.90 15	2.40 27	2.60 24	2.80 25	3.10 21	4.60 54	5.80 41	8.40 37	14.00 36
1970	1.90 16	2.40 28	2.60 25	2.80 26	3.10 22	4.60 55	5.80 42	8.40 38	14.00 37
1971	0.00 1	1.40 5	2.40 17	2.80 27	3.20 23	3.70 18	4.80 25	5.80 16	12.00 29
1971	0.00 2	1.40 6	2.40 18	2.80 28	3.20 24	3.70 19	4.80 26	5.80 17	12.00 30
1972	1.90 17	2.60 38	3.50 68	4.00 78	4.20 68	4.50 50	5.60 37	8.50 40	16.00 49
1972	1.90 18	2.60 39	3.50 69	4.00 79	4.20 69	4.50 51	5.60 38	8.50 41	16.00 50
1973	2.40 41	2.50 29	2.60 26	2.70 18	4.10 64	5.10 61	7.50 53	12.00 66	21.00 64
1973	2.40 42	2.50 30	2.60 27	2.70 19	4.10 65	5.10 62	7.50 54	12.00 67	21.00 65
1974	3.00 60	3.00 47	3.10 50	3.20 42	3.30 31	3.70 20	4.20 11	6.20 23	10.00 17
1974	3.00 61	3.00 48	3.10 51	3.20 43	3.30 32	3.70 21	4.20 12	6.20 24	10.00 18
1975	3.60 78	3.70 80	3.80 80	3.80 68	4.10 66	4.70 56	9.30 71	14.00 71	19.00 60
1975	3.60 79	3.70 81	3.80 81	3.80 69	4.10 67	4.70 57	9.30 72	14.00 72	19.00 61

PARIA RIVER BASIN

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09382000 PARIA RIVER AT LEES FERRY, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

PARIA RIVER AT LEES FERRY, ARIZ.

YEAR	1	3	7	15	30	60	90	120	183
1924	1540.0 16	830.0 15	393.0 15	195.0 19	101.0 26	67.0 23	48.0 25	37.0 30	30.0 32
1925	2650.0 7	1790.0 5	785.0 6	375.0 7	288.0 5	162.0 6	121.0 5	92.0 5	63.0 9
1926	5500.0 3	2770.0 2	1210.0 3	577.0 3	300.0 3	160.0 7	112.0 7	88.0 6	65.0 7
1927	6750.0 1	3610.0 1	1670.0 1	814.0 1	426.0 1	261.0 1	185.0 1	141.0 1	94.0 1
1928	934.0 24	414.0 30	189.0 37	110.0 36	64.0 41	49.0 36	34.0 42	27.0 45	26.0 41
1929	2220.0 12	1230.0 7	867.0 4	521.0 4	288.0 4	212.0 2	152.0 2	115.0 2	77.0 2
1930	1220.0 19	683.0 18	390.0 16	239.0 18	154.0 17	95.0 17	70.0 18	54.0 19	37.0 22
1931	412.0 47	165.0 49	81.0 50	47.0 50	31.0 52	29.0 50	22.0 52	19.0 52	19.0 51
1932	4890.0 4	1910.0 4	865.0 5	450.0 6	246.0 8	156.0 8	112.0 8	85.0 8	67.0 6
1933	685.0 37	260.0 46	131.0 45	88.0 44	60.0 43	58.0 32	44.0 29	34.0 35	27.0 38
1934	1920.0 14	711.0 16	315.0 20	164.0 23	104.0 23	62.0 26	43.0 32	47.0 21	33.0 29
1935	541.0 41	338.0 35	162.0 41	98.0 40	64.0 42	45.0 42	40.0 37	37.0 31	30.0 30
1936	2970.0 6	1120.0 11	490.0 13	275.0 13	272.0 6	206.0 3	149.0 3	113.0 3	76.0 3
1937	668.0 40	326.0 39	208.0 32	157.0 24	108.0 21	95.0 18	75.0 16	59.0 16	48.0 14
1938	2510.0 8	1250.0 8	581.0 10	314.0 9	179.0 14	102.0 15	77.0 15	63.0 14	48.0 15
1939	6200.0 2	2460.0 3	1480.0 2	757.0 2	395.0 2	206.0 4	138.0 4	104.0 4	71.0 4
1940	2300.0 11	931.0 14	563.0 11	458.0 5	269.0 7	141.0 9	95.0 9	72.0 9	49.0 12
1941	672.0 39	326.0 40	209.0 31	136.0 28	103.0 24	84.0 21	80.0 11	69.0 10	54.0 11
1942	378.0 49	264.0 44	203.0 33	138.0 27	101.0 27	66.0 24	51.0 23	45.0 25	40.0 19
1943	897.0 27	332.0 36	258.0 25	148.0 25	89.0 28	62.0 27	43.0 33	33.0 36	28.0 35
1944	1740.0 15	651.0 20	292.0 24	144.0 26	83.0 31	57.0 33	49.0 24	42.0 28	42.0 18
1945	905.0 26	341.0 34	159.0 42	123.0 33	89.0 29	59.0 31	41.0 36	31.0 39	29.0 33
1946	1140.0 21	543.0 23	325.0 18	254.0 16	134.0 18	88.0 19	61.0 21	46.0 22	36.0 23
1947	3040.0 5	1300.0 7	643.0 7	354.0 8	197.0 10	103.0 14	70.0 19	54.0 20	38.0 21
1948	1130.0 22	466.0 25	220.0 27	109.0 37	67.0 39	42.0 44	38.0 39	35.0 34	35.0 25
1949	675.0 38	262.0 45	129.0 46	97.0 42	71.0 37	55.0 34	43.0 34	44.0 26	35.0 26
1950	404.0 48	177.0 48	87.0 48	79.0 47	44.0 48	34.0 48	29.0 47	26.0 47	23.0 46
1951	762.0 31	442.0 28	199.0 36	98.0 41	83.0 30	47.0 41	33.0 43	27.0 46	22.0 48
1952	490.0 44	273.0 43	133.0 44	82.0 46	58.0 45	48.0 37	44.0 30	45.0 23	36.0 24
1953	1200.0 20	653.0 19	314.0 21	166.0 22	121.0 19	86.0 20	59.0 22	45.0 24	34.0 27
1954	1070.0 23	562.0 22	249.0 26	124.0 32	72.0 36	48.0 38	37.0 40	30.0 40	25.0 43
1955	776.0 29	401.0 31	203.0 34	128.0 31	81.0 32	48.0 39	33.0 44	28.0 42	30.0 31
1956	291.0 50	161.0 50	82.0 49	44.0 52	38.0 49	24.0 52	23.0 51	21.0 51	16.0 52
1957	729.0 33	451.0 27	211.0 29	113.0 34	64.0 40	61.0 28	43.0 31	36.0 32	28.0 36
1958	2160.0 13	1070.0 13	479.0 14	279.0 12	203.0 9	110.0 11	80.0 12	64.0 13	63.0 8
1959	689.0 35	353.0 32	177.0 39	134.0 29	108.0 22	51.0 29	42.0 35	33.0 37	24.0 44
1960	137.0 52	98.0 51	75.0 51	53.0 49	38.0 50	34.0 49	28.0 49	25.0 48	22.0 49
1961	2460.0 9	1370.0 6	616.0 9	303.0 11	191.0 11	166.0 5	115.0 6	87.0 7	60.0 10
1962	769.0 30	331.0 37	209.0 30	131.0 30	76.0 33	50.0 35	39.0 38	33.0 38	26.0 42
1963	1260.0 18	688.0 17	347.0 17	244.0 17	166.0 16	110.0 12	74.0 17	56.0 17	39.0 20
1964	505.0 43	312.0 41	168.0 40	103.0 39	76.0 34	41.0 45	29.0 48	24.0 49	23.0 47
1965	476.0 45	215.0 47	102.0 47	66.0 48	54.0 47	37.0 47	30.0 46	28.0 43	27.0 39
1966	749.0 32	352.0 33	182.0 38	104.0 38	74.0 35	59.0 30	45.0 27	43.0 27	34.0 28
1967	1420.0 17	1160.0 10	557.0 12	264.0 14	175.0 15	111.0 10	85.0 10	65.0 11	46.0 17
1968	786.0 28	569.0 21	319.0 19	256.0 15	190.0 12	101.0 16	68.0 20	55.0 18	48.0 13
1969	910.0 25	520.0 24	308.0 22	171.0 21	103.0 25	75.0 22	79.0 13	64.0 12	47.0 16
1970	685.0 36	437.0 29	215.0 28	111.0 35	70.0 38	43.0 43	33.0 45	27.0 44	24.0 45
1971	538.0 42	329.0 38	292.0 23	188.0 20	112.0 20	66.0 25	46.0 26	35.0 33	27.0 40
1972	710.0 34	452.0 26	200.0 35	96.0 43	59.0 44	48.0 40	44.0 28	40.0 29	28.0 37
1973	2320.0 10	1100.0 12	619.0 8	313.0 10	179.0 13	106.0 13	78.0 14	62.0 15	67.0 5
1974	156.0 51	86.0 52	51.0 52	45.0 51	32.0 51	27.0 51	24.0 50	24.0 50	19.0 50
1975	450.0 46	274.0 42	143.0 43	87.0 45	56.0 46	39.0 46	34.0 41	29.0 41	29.0 34

PARIA RIVER BASIN

09382000 PARIA RIVER AT LEES FERRY, AZ--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
32.5	22.4	21.4	21.6	35.0	34.8	19.0	9.20	7.47	28.4	64.3	60.6
2246	270	110	159	502	851	303	74.4	113	1009	2957	7943
47.4	16.4	10.5	12.6	22.4	29.2	17.4	8.62	10.6	31.8	54.4	89.1
3.81	4.89	2.57	4.27	2.97	2.70	1.81	3.33	4.15	2.64	1.21	2.71
1.46	0.73	0.49	0.58	0.64	0.84	0.91	0.94	1.42	1.12	0.85	1.47
9.11	6.28	5.99	6.05	9.82	9.77	5.34	2.58	2.09	7.97	18.0	17.0

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
29.7	126	11.2	0.99	0.38	0.010

LITTLE COLORADO RIVER BASIN

29

09383200 LEE VALLEY CREEK ABOVE LEE VALLEY RESERVOIR, NEAR GREER, AZ

LOCATION.--Lat 33°56'30", long 109°30'05", in SW¼ sec.4, T.6 N., R.27 E., Apache County, in Apache National Forest, on left bank
0.1 mi (0.16 km) upstream from Lee Valley Reservoir and 5 mi (8 km) south of Greer.

DRAINAGE AREA.--1.3 mi² (3.4 km²), approximately.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1967	4.0	08-11-67	2.39	1967	448
1968	4.2	05-24-68	2.37	1968	395
1969	8.0	09-11-69	2.40	1969	553
1970	3.1	09-06-70	2.12	1970	288
1971	4.0	08-29-71	2.21	1971	155
1972	3.3	10-25-71	2.14	1972	506

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1967			1	6	4	88	4	1	5	20	17	17	29	31	35	4	11	19	27	18	9	10	4	5												
1968							88		4	73	70	23	13	12	11	2	6	5	5	10	11	16	9	4	4											
1969							7	7		7	147	25	25	14	12	7	2	11	12	5	23	5	21	12	9	12		2								
1970											125	83	38	30	15	14	7	6	21	17	7	1														
1971					2	5	9	11	8	16	173	89	19	10	6	1	4	4	1	1	2	2	2													
1972										8	56	75	16	28	56	13	4	25	25	11	13	2	7	21	6											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2192	100.0	12	0.4	124	820	37.4	24	3	16	18	.8
1	0.01	0	2192	100.0	13	0.5	132	696	31.8	25	4	2	2	
2	0.02	1	2192	100.0	14	0.6	81	564	25.7	26				
3	0.03	8	2191	100.0	15	0.7	23	483	22.0	27				
4	0.04	9	2183	99.6	16	0.8	63	460	21.0	28				
5	0.05	97	2174	99.2	17	1.0	83	397	18.1	29				
6	0.06	22	2077	94.8	18	1.2	66	314	14.3	30				
7	0.07	104	2055	93.8	19	1.4	73	248	11.3	31				
8	0.08	40	1951	89.0	20	1.7	30	175	8.0	32				
9	0.10	594	1911	87.2	21	2.0	56	145	6.6	33				
10	0.20	359	1317	60.1	22	2.4	47	89	4.1	34				
11	0.30	138	958	43.7	23	2.5	24	42	1.9					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1967	0.02 1	0.03 1	0.04 1	0.05 1	0.05 1	0.05 1	0.05 1	0.13 1	0.28 1
1968	0.07 3	0.07 3	0.07 3	0.07 2	0.07 2	0.07 1	0.07 1	0.08 1	0.15 2
1969	0.06 2	0.06 2	0.06 2	0.07 3	0.08 3	0.10 3	0.10 2	0.10 2	0.25 4
1970	0.10 5	0.10 5	0.10 4	0.10 4	0.10 4	0.10 4	0.10 3	0.13 4	0.20 3
1971	0.03 1	0.04 1	0.05 1	0.06 1	0.06 1	0.07 2	0.10 4	0.11 3	0.13 1
1972	0.08 4	0.08 4	0.10 5	0.13 5	0.15 5	0.16 5	0.18 5	0.23 5	0.47 5

LITTLE COLORADO RIVER BASIN

09383200 LEE VALLEY CREEK ABOVE LEE VALLEY RESERVOIR, NEAR GREER, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
 DISCHARGE, IN CUBIC FEET PER SECOND
 MEAN

YEAR	1	3	7	15	30	60	90	120	183
1967	3.2 4	3.1 3	2.8 4	2.5 4	2.0 4	1.7 4	1.3 4	1.0 4	1.0 3
1968	4.1 2	3.9 2	3.6 2	3.1 2	2.6 3	2.1 2	1.6 2	1.3 1	1.0 4
1969	5.0 1	4.2 1	3.9 1	3.4 1	2.9 1	2.2 1	1.7 1	1.3 2	1.3 1
1970	2.5 5	1.7 6	1.5 6	1.3 5	1.2 5	1.1 5	0.9 5	0.7 5	0.6 5
1971	2.1 6	1.9 5	1.6 5	1.2 6	0.8 6	0.6 6	0.4 6	0.3 6	0.3 6
1972	3.2 3	3.0 4	2.9 3	2.8 3	2.7 2	1.9 3	1.5 3	1.2 3	1.0 2

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.52	0.64	0.21	0.09	0.11	0.19	0.72	1.20	0.52	0.27	0.62	0.80
0.24	0.67	0.05	0.00	0.01	0.05	0.22	1.28	0.20	0.02	0.48	0.37
0.48	0.82	0.22	0.06	0.11	0.22	0.47	1.13	0.45	0.15	0.69	0.61
2.05	1.87	1.84	0.64	2.01	2.29	-0.63	0.67	0.59	0.20	2.18	1.01
0.93	1.28	1.06	0.69	1.01	1.16	0.66	0.94	0.86	0.56	1.11	0.76
8.85	10.9	3.50	1.50	1.86	3.28	12.3	20.3	8.87	4.54	10.6	13.6

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
0.54	0.04	0.20	-0.76	0.38	-0.202

LITTLE COLORADO RIVER BASIN

31

09383220 LEE VALLEY CREEK TRIBUTARY NEAR GREER, AZ

LOCATION.--Lat 33°56'20", long 109°30'05", in SW¼ sec.4, T.6 N., R.27 E., in Apache County, in Apache National Forest, on right bank about 500 ft (150 m) upstream from Lee Valley Reservoir, and 5 mi (8 km) south of Greer.

DRAINAGE AREA.--0.5 mi² (1.3 km²), approximately.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1967	5.0	08-28-67	3.88	1967	95
1968	1.5	05-23-68	2.59	1968	97
1969	4.6	04-20-69	3.99	1969	119
1970	3.8	09-06-70	4.00	1970	46
1971	4.7	08-29-71	4.10	1971	28
1972	1.7	10-01-71	3.67	1972	81

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1967	184	12	11	24	9	5	4	5	6	28	16	20	7	10	8	5	2	2	3	2	2														
1968	149	39	30	28	9	6	5	5	11	20	5	7	7	6	9	18	3	5	3	1															
1969	231	13	3	2	2	7	1		1	26	15	4	13	11	7	9	3	4	4	6		3													
1970	104	90	26	17	15	14	6	9	6	54	10	3	1	3	3	3			1																
1971	247	19	13	7	5	11	7	3	5	26	10	3	3	3	1		1	1																	
1972	165	18	10	12	7	8	6	4	9	41	23	27	14	13	6	2	1																		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1080	2192	100.0	12	0.4	45	209	9.5	24				
1	0.01	191	1112	50.7	13	0.5	46	164	7.5	25				
2	0.02	93	921	42.0	14	0.6	34	118	5.4	26				
3	0.03	90	828	37.8	15	0.7	37	84	3.8	27				
4	0.04	47	738	33.7	16	0.9	10	47	2.1	28				
5	0.05	51	691	31.5	17	1.0	12	37	1.7	29				
6	0.06	29	640	29.2	18	1.2	11	25	1.1	30				
7	0.07	26	611	27.9	19	1.5	9	14	0.6	31				
8	0.08	38	585	26.7	20	1.7	2	5	0.2	32				
9	0.10	195	547	25.0	21	2.0	3	3	0.1	33				
10	0.20	79	352	16.1	22	2.4	0	0	0.0	34				
11	0.30	64	273	12.5	23	0.0	0	0	0.0					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1967	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.02 6
1968	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.01 2
1969	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 1
1970	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.02 3
1971	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.02 4
1972	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.01 6	0.01 6	0.02 5

LITTLE COLORADO RIVER BASIN

09383220 LEE VALLEY CREEK TRIBUTARY NEAR GREER, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1967	1.8 2	1.6 2	1.1 3	0.9 3	0.6 3	0.5 3	0.4 3	0.3 3	0.2 3
1968	1.5 3	1.4 3	1.2 2	1.0 2	0.9 2	0.7 1	0.5 1	0.4 1	0.3 2
1969	2.2 1	2.1 1	1.7 1	1.3 1	1.0 1	0.6 2	0.4 2	0.3 2	0.3 1
1970	1.4 4	0.7 4	0.6 4	0.5 5	0.3 5	0.2 5	0.2 5	0.1 5	0.1 5
1971	1.0 5	0.7 5	0.5 6	0.3 6	0.2 5	0.1 6	0.1 6	0.1 6	0.1 5
1972	0.9 6	0.6 6	0.6 5	0.5 4	0.4 4	0.3 4	0.2 4	0.2 4	0.2 4

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
0.23	0.09	0.02	0.01	0.02	0.09	0.28	0.23	0.05	0.03	0.16	0.19
0.14	0.01	0.00	0.00	0.00	0.02	0.07	0.11	0.01	0.00	0.05	0.05
0.38	0.12	0.02	0.01	0.03	0.15	0.27	0.34	0.09	0.03	0.23	0.23
2.06	1.11	1.18	2.65	1.80	2.24	0.98	1.79	2.48	0.58	1.92	1.31
1.65	1.36	1.25	2.65	1.51	1.59	0.96	1.46	1.83	0.91	1.44	1.21
16.5	6.20	1.18	0.41	1.24	6.72	20.1	16.5	3.33	2.49	11.5	13.8

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.11	0.00	0.05	-0.55	0.44	0.218

LITTLE COLORADO RIVER BASIN

33

09383400 LITTLE COLORADO RIVER AT GREER, AZ

LOCATION.--Lat 34°01'00", long 109°27'24", in NE¼Sec. 11, T.7 N., R.27 E., Apache County, Hydrologic Unit 15020001, in Apache National Forest, on upstream side of right abutment of culverts on State Highway 373, at Greer, 0.1 mi (0.2 km) downstream from Filler ditch.

DRAINAGE AREA.--30.9 mi² (80.0 km²).

WATER YEAR	ANNUAL PEAK DISCH, CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK, FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1961	76	04-05-61	2.53	1961	5040
1962	277	04-15-62	3.18	1962	15300
1963	108	03-28-63	2.63	1963	7120
1964	135	04-12-64	2.61	1964	8250
1965	355	04-22-65	3.31	1965	17000
1966	326	04-03-66	3.10	1966	14800
1967	216	08-11-67	2.76	1967	8270
1968	316	04-15-68	2.92	1968	13100
1969	414	09-08-69	3.47	1969	13100
1970	112	09-06-70	1.90	1970	8820
1971	42	08-29-71	1.56	1971	4370
1972	108	10-24-71	1.90	1972	7320
1973	615	10-20-72	5.65	1973	27800
1974	45	03-30-74	1.27	1974	5430
1975	231	04-26-75	3.17	1975	13700

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
														NUMBER OF DAYS IN CLASS																						
1961		1		1	3	4	13	15	17	10	34	54	83	38	13	17	14	21	14	7	2	1	1	1	1											
1962						18	5	12	13	14	53	43	47	18	24	11	3	3	7	13	7	9	21	2	2	6	6	15	3		5	4	1			
1963		5	5	21	21	13	7	8	17	12	6	30	19	17	29	28	23	8	28	26	24	7	4	5	1	1										
1964						4	6	16	13	33	90	30	35	18	17	9	34	11	27	7	3	4	3	1	1	3	2									
1965					2	15	18	7	2	1	3	19	27	18	20	30	20	10	20	15	22	18	8	22	26	14	10	2	5	6	1	2	2			
1966					2	19	18	5	2	9	4	52	21	22	17	40	15	4	21	12	15	7	4	16	11	16	13	7	2	7	1	2	1			
1967						1	35	63	64	14	23	7	16	16	26	18	9	17	8	8	12	9	7	2	8	5	1	2	1	1						
1968		27	4	16	8	3	7	12	46	7	7	13	5	26	19	13	18	9	23	8	6	11	9	8	10	23	11	10	3	2	2					
1969						4	16	13	26	16	9	32	10	35	30	26	15	14	5	12	9	9	18	15	22	9	6	4	5	4						
1970						2	1	5	14	49	24	16	32	48	57	26	12	5	8	15	11	15	17	4	4											
1971									14	23	44	61	86	68	47	11	6		1	1	3															
1972									1		1	5	28	48	75	113	50	21	7	5	3	1	5	1	2											
1973									6		13	12	23	30	36	61	28	17	12	14	5	11	5	7	6	6	6	4	7	3	21	13	11	7	1	
1974						17	28	43	18	16	8	24	30	77	18	29	28	23	3	1	?															
1975								5	5	31	78	29	25	25	12	26	16	28	15	5	5	3	8	11	13	14	4	2	8	1	2					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5478	100.0	12	5.3	511	3826	69.8	24	42	103	471	8.5
1	0.80	33	5478	100.0	13	5.3	482	3315	60.5	25	50	99	368	6.7
2	1.00	9	5445	99.4	14	7.5	505	2833	51.7	26	59	72	269	4.9
3	1.10	38	5436	99.2	15	8.9	494	2328	42.5	27	70	41	197	3.5
4	1.30	36	5398	98.5	16	11.0	310	1834	33.5	28	84	43	156	2.8
5	1.60	58	5362	97.9	17	13.0	181	1524	27.8	29	99	34	113	2.0
6	1.90	117	5304	96.6	18	15.0	241	1343	24.5	30	120	27	79	1.4
7	2.20	133	5187	94.7	19	18.0	144	1102	20.1	31	140	25	52	.9
8	2.70	265	5054	92.3	20	21.0	158	958	17.5	32	170	18	27	.4
9	3.20	208	4789	87.4	21	25.0	109	800	14.6	33	200	8	9	.1
10	3.80	258	4581	83.6	22	30.0	93	691	12.6	34	240	1	1	
11	4.50	497	4323	78.9	23	35.0	127	598	10.9					

LITTLE COLORADO RIVER BASIN

09383400 LITTLE COLORADO RIVER AT GREER, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1961	0.90 3	1.30 4	1.80 6	2.00 8	2.40 8	2.90 7	3.70 7	4.10 6	4.40 3
1962	2.00 10	2.00 9	2.00 9	2.00 9	2.40 9	3.40 8	4.60 10	4.90 10	5.90 8
1963	0.80 1	0.80 1	0.93 2	1.10 2	1.19 2	1.70 2	2.00 2	2.90 2	5.90 9
1964	2.30 12	2.50 12	2.80 12	3.30 12	4.10 13	5.00 14	5.30 13	5.60 11	6.30 10
1965	1.40 5	1.50 5	1.70 5	1.80 5	2.00 5	4.80 12	5.20 12	5.90 13	7.50 13
1966	1.50 6	1.60 6	1.60 4	1.60 4	1.80 4	4.90 13	6.40 15	6.60 14	10.00 15
1967	2.10 11	2.30 11	2.40 10	2.50 10	2.60 10	2.80 6	3.00 5	3.20 3	3.30 1
1968	0.80 2	0.80 2	0.80 1	0.87 1	0.91 1	1.10 1	1.70 1	2.60 1	3.60 2
1969	1.60 7	1.80 7	1.90 7	2.00 6	2.30 7	2.70 5	3.60 6	4.50 8	4.90 5
1970	2.00 8	2.20 10	2.60 11	3.30 11	3.90 12	4.30 10	4.90 11	5.60 12	6.60 11
1971	2.90 13	3.00 13	3.20 14	3.40 13	3.50 11	3.80 9	4.30 8	4.40 7	4.80 4
1972	3.10 16	4.50 16	4.90 16	5.40 16	7.00 16	7.40 16	8.10 16	8.70 16	9.10 14
1973	3.00 14	3.00 14	3.10 13	3.60 14	4.20 14	5.40 15	6.30 14	7.00 15	12.00 16
1974	2.00 9	2.00 8	2.00 8	2.00 7	2.20 6	2.50 4	2.70 3	3.80 4	5.80 7
1975	3.00 15	3.00 15	3.30 15	3.60 15	4.20 15	4.40 11	4.60 9	4.80 9	5.50 6

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1961	42.0 13	37.0 13	28.0 13	22.0 13	19.0 12	16.0 12	13.0 14	11.0 14	9.8 14
1962	203.0 2	194.0 2	180.0 2	149.0 2	115.0 2	83.0 2	65.0 2	53.0 2	37.0 3
1963	62.0 10	52.0 11	45.0 11	31.0 11	24.0 11	20.0 11	17.0 11	14.0 11	15.0 11
1964	86.0 9	83.0 9	70.0 9	49.0 9	35.0 10	27.0 10	22.0 10	18.0 10	17.0 10
1965	189.0 3	176.0 3	145.0 3	119.0 3	91.0 3	70.0 4	59.0 3	50.0 3	40.0 2
1966	177.0 4	160.0 4	133.0 4	112.0 4	89.0 4	71.0 3	58.0 4	47.0 4	34.0 4
1967	123.0 8	110.0 7	88.0 8	72.0 8	55.0 8	41.0 8	31.0 8	25.0 8	20.0 8
1968	129.0 7	125.0 6	106.0 6	88.0 6	77.0 6	64.0 6	53.0 5	43.0 5	33.0 5
1969	161.0 6	97.0 8	95.0 7	84.0 7	66.0 7	52.0 7	41.0 7	33.0 7	31.0 7
1970	57.0 11	53.0 10	48.0 10	42.0 10	36.0 9	32.0 9	26.0 9	22.0 9	18.0 9
1971	24.0 15	17.0 15	16.0 15	13.0 15	10.0 15	8.5 15	7.6 15	7.5 15	7.3 15
1972	57.0 12	43.0 12	33.0 12	23.0 12	17.0 13	14.0 13	13.0 12	12.0 12	11.0 12
1973	256.0 1	233.0 1	195.0 1	190.0 1	178.0 1	147.0 1	117.0 1	93.0 1	65.0 1
1974	26.0 14	25.0 14	19.0 14	16.0 14	15.0 14	14.0 14	13.0 13	12.0 13	10.0 13
1975	162.0 5	146.0 5	126.0 5	108.0 5	88.0 5	68.0 5	52.0 6	42.0 6	32.0 6

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
7.05	4.86	5.63	5.83	6.17	9.24	43.9	40.8	23.7	12.0	14.5	12.2
72.7	8.25	7.21	2.25	1.84	32.9	1100	1609	547	39.5	138	71.2
8.53	2.87	2.68	1.50	1.36	5.74	33.2	40.1	23.4	6.28	11.7	8.44
2.81	0.67	0.71	0.49	-0.38	2.05	0.47	2.19	2.37	1.42	2.80	1.87
1.21	0.59	0.48	0.26	0.22	0.62	0.76	0.98	0.99	0.53	0.81	0.69
3.79	2.62	3.03	3.14	3.32	4.97	23.6	21.9	12.8	6.43	7.82	6.58

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
15.6	71.4	8.45	1.38	0.54	-0.348

LITTLE COLORADO RIVER BASIN

35

09383500 NUTRIOSO CREEK ABOVE NELSON RESERVOIR, NEAR SPRINGVILLE, AZ

LOCATION.--Lat 34°01'49", long 109°11'09", in NE¼SW¼ sec.4, T.7 N., R.30 E., Apache County, Hydrologic Unit 15020001, in Apache National Forest, on right bank 2.4 mi (3.9 km) upstream from dam on Nelson Reservoir and 9 mi (14 km) southeast of Springville.

DRAINAGE AREA.--83.4 mi² (216.0 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1968	126	09-05-68	7.83	1968	6140
1969	133	09-08-69	8.12	1969	2520
1970	30	04-11-70	6.25	1970	1770
1971	291	09-01-71	8.96	1971	407
1972	67	10-25-71	7.07	1972	2150
1973	439	04-28-73	9.72	1973	18000
1974	7.1	03-31-74	5.91	1974	629
1975	142	04-25-75	8.04	1975	6100

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
	NUMBER OF DAYS IN CLASS																																		
1968								1	3	48	42	49	24	16	15	30	19	7	11	8	14	29	3	8	25	8	3	3							
1969	9	2	4	3	4	5	3	63	16	10	21	68	30	16	12	22	13	8	11	10	8	3	9	5	7	2	1								
1970	8	4	2	2	9	8	6	23	19	7	16	23	28	29	26	35	55	15	20	15	5	7	3												
1971	80	8	9	3	5	3	3	66	105	19	28	7	7	1	5	6	3	2	1	2		1					1								
1972	89		1	1	1	1	3	9	46	18	16	3	5	1	16	21	25	40	27	15	15	3	8		1	1									
1973	14		2			1	2	2	2	3	9	7	11	8	19	30	34	32	38	11	19	28	25	12	9	3	7	7	8	16	5	1			
1974	31	1	3	3	7	5	10	14	23	46	75	37	26	6	27	25	11	10	5																
1975	6				2		3	5	13	11	21	27	66	32	25	12	11	12	15	18	9	12	20	21	10	7	3	4							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	237	2922	100.0	12	0.8	197	1535	52.5	24	32	52	132	4.5
1	0.01	15	2685	91.9	13	1.1	109	1338	45.8	25	44	21	80	2.7
2	0.02	21	2670	91.4	14	1.4	145	1229	42.1	26	60	15	59	2.0
3	0.03	12	2649	90.7	15	2.0	181	1084	37.1	27	82	14	44	1.5
4	0.04	28	2637	90.2	16	2.7	171	903	30.9	28	110	8	30	1.0
5	0.06	23	2609	89.3	17	3.7	126	732	25.1	29	150	16	22	.7
6	0.08	30	2586	88.5	18	5.0	128	606	20.7	30	210	5	6	.2
7	0.10	183	2556	87.5	19	6.8	79	478	16.4	31	290	1	1	
8	0.20	227	2373	81.2	20	9.3	70	399	13.7	32				
9	0.30	162	2146	73.4	21	13.0	83	329	11.3	33				
10	0.40	228	1984	67.9	22	17.0	68	246	8.4	34				
11	0.60	221	1756	60.1	23	24.0	46	178	6.1					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1968	0.10 9	0.21 9	0.30 9	0.30 9	0.30 7	0.44 7	0.52 7	0.57 7	4.10
1969	0.00 1	0.00 1	0.00 1	0.01 4	0.05 4	0.16 3	0.32 6	0.42 6	0.94
1970	0.00 2	0.00 2	0.00 2	0.02 5	0.09 5	0.18 4	0.24 4	0.32 5	2.00
1971	0.00 3	0.00 3	0.00 3	0.00 1	0.00 1	0.00 1	0.01 2	0.05 1	0.14
1972	0.00 4	0.00 4	0.00 4	0.00 2	0.00 2	0.00 2	0.00 1	0.07 2	0.15
1973	0.00 5	0.00 5	0.00 5	0.10 6	0.52 9	1.10 9	3.20 9	4.60 9	8.80
1974	0.00 6	0.00 6	0.00 6	0.01 3	0.04 3	0.18 5	0.29 5	0.28 3	0.43
1975	0.00 7	0.00 7	0.14 8	0.28 8	0.44 8	0.61 8	0.60 8	1.60 8	4.60

LITTLE COLORADO RIVER BASIN

09383500 NUTRISO CREEK ABOVE NELSON RESERVOIR, NEAR SPRINGVILLE, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1968	94.0 3	88.0 3	76.0 3	60.0 3	50.0 2	37.0 2	29.0 3	23.0 2	16.0 2
1969	67.0 4	47.0 4	41.0 4	32.0 4	21.0 4	12.0 4	8.5 4	6.5 4	6.2 4
1970	19.0 7	17.0 7	16.0 5	12.0 6	9.6 6	6.6 6	4.9 6	4.3 6	4.0 6
1971	62.0 5	28.0 6	14.0 7	7.1 7	3.8 7	1.9 8	1.3 8	1.0 8	0.7 8
1972	48.0 6	38.0 5	26.0 5	17.0 5	11.0 5	7.0 5	7.3 5	6.3 5	5.7 5
1973	295.0 1	280.0 1	230.0 1	203.0 1	167.0 1	114.0 1	82.0 1	64.0 1	44.0 1
1974	5.5 8	5.2 8	4.9 8	4.4 8	3.6 8	2.6 7	2.3 7	1.9 7	1.4 7
1975	96.0 2	90.0 2	31.0 2	66.0 2	49.0 3	36.0 3	29.0 2	22.0 3	15.0 3

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
4.06	2.67	1.75	1.90	2.69	8.25	28.8	20.6	2.04	1.21	1.71	2.84
30.5	5.90	4.14	2.41	5.65	53.7	1357	1603	17.9	5.03	3.87	12.6
5.52	2.43	2.03	1.55	2.38	7.33	36.6	40.0	4.24	2.24	1.97	3.55
1.67	0.34	1.58	1.24	0.67	0.52	1.51	2.55	2.73	2.69	1.14	1.64
1.36	0.91	1.17	0.82	0.88	0.89	1.28	1.94	2.08	1.85	1.15	1.25
5.17	3.40	2.22	2.42	3.42	10.5	36.7	26.2	2.60	1.54	2.18	3.62

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
6.50	64.0	8.00	2.09	1.23	-0.289

LITTLE COLORADO RIVER BASIN

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09384000 LITTLE COLORADO RIVER ABOVE LYMAN LAKE, NEAR ST. JOHNS, AZ

LOCATION.--Lat 34°19'50", long 109°21'18", in NE¼SE¼ sec.27, T.11 N., R.28 E., Apache County, Hydrologic Unit 15020001, on right bank 1.9 mi (3.1 km) downstream from Coyote Creek, 5 mi (8 km) upstream from Lyman Dam, and 12 mi (19 km) south of St. Johns.

DRAINAGE AREA.--747 mi² (1,935 km²).

REMARKS.--Records poor. Flow regulated by many small reservoirs--combined capacity, about 15,500 acre-ft (19.1 hm³). Diversions for irrigation of about 6,700 acres (27.1 km²) above station.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1940	16000	07-25-40	1900	17.1	1941	50000
1941	2520	07-23-41		8.56	1942	13600
1942	379	08-10-42		4.54	1943	9730
1943	2360	08-22-43		8.37	1944	7430
1944	3400	08-15-44		9.57	1945	11300
1945	740	08-11-45		6.29	1946	15900
1946	6000	08-04-46		13.1	1947	8320
1947	1620	08-22-47		9.98	1948	20300
1948	732	04-17-48		8.22	1949	26700
1949	1000	08-02-49		8.35	1950	4800
1950	181	07-18-50		4.84	1951	3310
1951	3200	08-02-51		12.4	1952	26300
1952	1570	08-28-52		9.6	1953	4610
1953	229	08-10-53		5.75	1954	5100
1954	1390	08-05-54		9.5	1955	11000
1955	2990	08-23-55		12.6	1956	3830
1956	206	08-18-56		8.27	1957	7870
1957	2850	08-27-57		12.11	1958	27300
1958	1120	04-23-58		11.28	1959	6450
1959	1340	08-08-59		11.70	1960	15500
1960	323	03-30-60		8.52	1961	2130
1961	619	08-11-61		9.73	1962	28400
1962	736	04-16-62		10.03	1963	7910
1963	733	08-26-63		9.98	1964	11000
1964	1160	07-31-64		11.10	1965	26700
1965	527	04-23-65		10.97	1966	27400
1966	658	04-04-66		12.08	1967	14800
1967	4850	07-27-67		18.22	1968	27300
1968	460	04-16-68		13.18	1969	16000
1969	764	07-26-69		14.26	1970	9210
1970	120	04-09-70		13.83	1971	3430
1971	229	09-09-71		14.34	1972	8360
1972	225	08-29-72		15.15	1973	51900
1973	1180	04-29-73		17.06	1974	2720
1974	3240	08-04-74		18.46	1975	22000
1975	1600	09-12-75		18.6		

09384000 LITTLE COLORADO RIVER ABOVE LYMAN LAKE, NEAR ST. JOHNS, AZ--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1941											2	30	15	33	43	14	33	32	21	32	29	6	14	14	8	17	4	2	7	4	2	3				
1942					2		8	1		5	8	16	29	69	69	35	17	16	26	25	23	4	2	3	4	2	1									
1943						3	6			62	32	41	26	35	52	32	18	8	6	14	12	8	2	5	2	1										
1944					5		21			46	27	16	27	92	65	23	17	2	2	6	7	4	4			1	1									
1945										6	4	20	45	66	88	42	32	23	10	7	3	6	4	2	4	3										
1946		6	10	1	3	2	2	4		15	50	39	45	26	52	46	4	4	7	4	4	11	13	5	6	2				3		1				
1947						1	12	16		53	24	34	28	8	35	72	42	9	7	3	7	7	4	2	1											
1948					2	11	7	30	17	20	6	6	6	37	96	12	19	34	2	4	3	35	3	3	2	2	1	2	4	2						
1949								13		3	8	28	8	8	7	31	67	72	25	7	10	20	26	6	4	4	2	6	5	5						
1950	7	43	13	17	9	2	18	29	9	6	5	15	15	27	36	33	63	9	7	2																
1951	43	12	12	13	9	3	38	16	20	27	33	32	57	26	10	2	5	2				3			1											
1952	1	21	2	1			2	2	17	8	19	22	35	49	46	29	29	13	7	9	6	6	4	5	5	6	8	12	2							
1953			2	4	3		1	3	2	6	20	56	106	86	33	9	20	11	2	1																
1954	23	8	9	3	11	4	7	19	34	22	31	31	28	75	19	9	12	1	6	2	2	2	2	4	1											
1955	15	1	2	3	21	2	53	8	36	29	44	60	31	6	6	4	3	5	11	3	6	5	1		2	2	2	1	2					1		
1956	21	1	2	7	9		12	10	58	38	34	30	30	39	21	29	4		18	3																
1957	27	9	7	10	11	2	8	14	12	22	30	42	41	32	37	9	15	8	9	7	4	2	2		2											
1958							2	4	1	10	26	21	32	55	74	44	9	10	20	21	9	5	3	1	4	2	3	4	3	2						
1959	40	10	1	7	7	2	6	20	9	7	10	14	46	29	31	62	46	4	2	2	4	1	1	2	1	1	1	1	1	1	1	1	1	1	1	
1960	26	4	1	1	2	1	14	10	13	20	18	16	44	32	56	10	28	12	11	5	4	4	7	7	11	3	6									
1961	51	4	1	6	10	12	30	21	27	36	55	40	33	16	8	4	7			3																
1962	18	11	9	4	5	4	12	12	11	7	16	12	41	52	23	9	6	8	17	17	13	17	12	5	3	6	3	2	4	6						
1963	51	3		3	10	2	4	4	7	12	19	24	39	59	43	4	18	14	11	14	9	10	4		1											
1964		6	6	3	8	6	10	10	21	10	15	10	16	26	46	90	33	6	9	5	5	8	6	6	2	3										
1965												1	12	18	51	52	22	44	32	46	15	17	11	9	11	7	9	3	2	3						
1966									6	24	23	30	38	27	20	8	49	45	30	11	8	3	2	5	8	15	5	4	3	1						
1967	11	4	1	10	4	8	18	14	19	9	18	42	35	45	34	20	12	8	9	5	7	10	6	4	2	3	2	3	2							
1968									6	28	13	12	24	40	34	35	50	35	30	10	5	5	3	12	12	7	4	1								
1969		1	4	6	3	3	2	2	4	1	10	17	34	33	94	26	21	23	13	14	14	16	10	2	4	8										
1970					2	2	5	7	16	13	31	33	22	19	31	51	59	40	6	13	6	3	4	2												
1971		2	4	3	5	14	15	21	28	47	63	97	40	9	2	4	2	3	3	2	1															
1972			3	5	2	21	8	26	21	48	23	11	30	28	29	28	36	16	13	10	4	3	1													
1973						1	2	16	16	25	28	25	35	28	16	17	18	22	10	9	16	12	11	13		8	8	14	7	4	4					
1974		5	1	12	2	16	32	106	24	24	31	66	15	18	5	7										1										
1975									10	5	42	87	22	53	11	16	8	14	18	20	26	14	4			4	7	1	3							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	334	12783	100.0	12	4.2	1257	8296	64.9	24	130	107	430	3.3
1	0.10	144	12449	97.4	13	5.6	1300	7039	55.1	25	170	115	323	2.5
2	0.20	89	12305	96.3	14	7.4	1408	5739	44.9	26	230	66	208	1.6
3	0.30	107	12216	95.6	15	9.9	944	4331	33.9	27	310	58	142	1.1
4	0.40	156	12109	94.7	16	13.0	879	3387	26.5	28	410	51	84	.6
5	0.60	76	11953	93.5	17	18.0	517	2508	19.6	29	550	20	33	.2
6	0.70	324	11877	92.9	18	23.0	405	1991	15.6	30	730	10	13	.1
7	1.00	351	11553	90.4	19	31.0	327	1586	12.4	31	980	3	3	
8	1.30	514	11202	87.6	20	41.0	285	1259	9.8	32	1300			
9	1.80	618	10688	83.6	21	55.0	270	974	7.6	33				
10	2.30	800	10070	78.8	22	74.0	161	704	5.5	34				
11	3.10	974	9270	72.5	23	98.0	113	543	4.2					

LITTLE COLORADO RIVER BASIN

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09384000 LITTLE COLORADO RIVER ABOVE LYMAN LAKE, NEAR ST. JOHNS, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1941	3.00 36	3.70 36	3.90 35	4.00 34	4.20 34	5.40 32	6.20 30	7.30 32	22.00 35
1942	0.50 22	0.57 24	0.64 22	0.99 22	3.70 32	6.60 36	6.90 34	7.00 31	17.00 30
1943	0.90 28	0.90 27	0.96 27	1.50 26	2.00 24	2.30 21	3.50 22	4.40 22	5.80 17
1944	0.50 23	0.50 21	0.64 23	1.40 25	2.10 28	2.80 25	5.20 28	6.00 24	6.70 20
1945	2.00 34	2.30 34	3.30 34	4.20 35	5.10 36	5.80 33	6.20 29	6.50 28	7.40 21
1946	0.10 15	0.10 15	0.11 14	0.16 14	0.51 15	1.80 16	2.80 20	3.80 17	5.70 15
1947	0.60 26	0.70 25	0.87 25	1.70 27	2.00 25	2.60 23	2.90 21	3.00 14	4.70 11
1948	0.50 24	0.53 23	0.57 21	0.74 19	0.94 18	1.80 17	2.30 17	2.60 13	20.00 33
1949	1.00 29	1.00 28	1.10 28	1.10 23	2.10 26	2.40 22	4.40 26	6.40 25	15.00 27
1950	0.00 1	0.00 1	0.00 1	0.07 11	0.12 7	0.33 4	0.84 4	0.86 2	3.00 6
1951	0.00 2	0.00 2	0.00 2	0.00 1	0.00 1	0.56 7	0.88 5	1.40 4	2.60 3
1952	0.00 3	0.07 13	0.09 13	0.09 12	0.35 12	1.19 13	2.00 13	6.50 26	6.60 18
1953	0.20 19	0.23 17	0.29 17	0.94 21	1.60 22	3.50 27	4.10 24	4.60 23	5.30 14
1954	0.00 4	0.00 3	0.00 3	0.00 2	0.06 6	1.19 14	2.20 15	3.30 16	3.90 10
1955	0.00 5	0.00 4	0.00 4	0.00 3	0.29 11	0.45 5	0.65 3	0.96 3	2.00 2
1956	0.00 6	0.00 5	0.00 5	0.00 4	0.15 9	1.50 15	1.50 11	2.10 8	5.10 13
1957	0.00 7	0.00 6	0.00 6	0.00 5	0.05 5	0.19 2	0.39 1	0.79 1	1.70 1
1958	1.00 30	1.19 29	1.80 31	3.10 33	4.00 33	6.60 34	8.40 35	8.50 33	12.00 26
1959	0.00 8	0.00 7	0.00 7	0.00 6	0.01 3	0.52 6	1.19 9	2.30 11	5.00 12
1960	0.00 9	0.00 8	0.00 8	0.00 7	0.02 4	0.82 9	1.70 12	3.90 18	20.00 34
1961	0.00 10	0.00 9	0.00 9	0.00 8	0.13 8	0.23 3	0.94 6	1.80 6	2.70 4
1962	0.00 11	0.00 10	0.00 10	0.15 13	0.22 10	0.73 8	2.40 18	4.10 20	16.00 28
1963	0.00 12	0.00 11	0.00 11	0.00 9	0.00 2	0.04 1	0.61 2	2.20 9	6.70 19
1964	0.10 16	0.10 14	0.14 15	0.22 15	0.44 13	0.85 10	1.40 10	9.60 35	10.00 24
1965	2.70 35	3.40 35	4.30 36	4.40 36	5.00 35	6.60 35	6.60 31	10.00 36	17.00 31
1966	1.50 31	1.50 31	1.60 30	1.70 28	1.90 23	2.80 24	6.60 32	6.90 29	35.00 36
1967	0.00 13	0.00 12	0.01 12	0.02 10	0.51 14	0.99 11	0.97 7	1.80 7	3.80 9
1968	1.80 32	2.00 33	2.20 33	2.30 32	2.50 29	4.30 31	8.90 36	9.10 34	20.00 32
1969	0.10 14	0.17 16	0.26 16	0.33 16	0.94 16	3.10 26	6.80 33	7.00 30	8.10 22
1970	0.40 21	0.50 22	0.80 24	1.30 24	1.50 21	2.10 20	2.50 19	3.20 15	11.00 25
1971	0.20 17	0.27 19	0.47 20	0.71 18	1.10 19	1.90 18	2.30 16	2.50 12	3.10 7
1972	0.30 20	0.33 20	0.40 19	0.79 20	1.10 20	1.90 19	2.10 14	2.20 10	2.90 5
1973	0.90 27	1.30 30	1.50 29	1.70 29	2.10 27	3.60 28	5.10 27	6.50 27	16.00 29
1974	0.20 18	0.24 18	0.37 18	0.59 17	0.98 17	1.00 12	1.19 8	1.50 5	3.10 8
1975	1.90 33	1.90 32	1.90 32	2.10 30	2.90 30	3.80 30	4.30 25	4.30 21	10.00 23

LITTLE COLORADO RIVER BASIN

09384000 LITTLE COLORADO RIVER ABOVE LYMAN LAKE, NEAR ST. JOHNS, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1941	1220.0 1	1120.0 1	888.0 1	689.0 1	471.0 2	303.0 2	225.0 2	179.0 2	128.0 2
1942	235.0 19	212.0 18	168.0 18	126.0 18	86.0 17	49.0 17	36.0 17	37.0 16	30.0 16
1943	226.0 20	133.0 23	102.0 21	78.0 21	54.0 21	32.0 23	23.0 23	19.0 23	21.0 20
1944	247.0 18	112.0 24	69.0 28	59.0 23	40.0 24	25.0 25	20.0 25	17.0 24	15.0 24
1945	201.0 23	182.0 19	164.0 19	118.0 19	71.0 19	42.0 19	30.0 19	29.0 18	24.0 18
1946	748.0 5	341.0 15	211.0 16	139.0 16	108.0 15	102.0 12	72.0 12	54.0 13	37.0 13
1947	144.0 26	73.0 30	65.0 29	50.0 27	34.0 27	23.0 26	20.0 26	17.0 25	14.0 26
1948	570.0 7	533.0 6	473.0 5	328.0 5	196.0 10	130.0 10	94.0 10	74.0 10	51.0 11
1949	472.0 11	460.0 8	428.0 8	361.0 8	237.0 7	148.0 8	105.0 8	83.0 8	65.0 8
1950	33.0 35	30.0 33	29.0 32	25.0 31	18.0 31	14.0 31	15.0 27	14.0 27	12.0 27
1951	315.0 16	144.0 21	76.0 25	48.0 28	26.0 29	15.0 30	10.0 31	9.0 31	7.1 32
1952	438.0 13	418.0 11	374.0 10	350.0 6	289.0 5	171.0 5	120.0 6	94.0 6	66.0 6
1953	35.0 34	24.0 35	19.0 34	17.0 34	14.0 33	11.0 32	9.2 32	8.8 32	8.6 31
1954	138.0 28	110.0 25	86.0 23	48.0 29	31.0 28	20.0 28	15.0 28	13.0 28	11.0 28
1955	893.0 3	580.0 5	446.0 6	256.0 12	149.0 14	80.0 15	55.0 15	41.0 15	27.0 17
1956	40.0 33	33.0 32	30.0 31	28.0 30	22.0 30	16.0 29	13.0 30	11.0 30	8.8 30
1957	495.0 10	394.0 12	225.0 15	127.0 17	76.0 18	48.0 18	35.0 18	28.0 19	20.0 21
1958	883.0 4	765.0 3	629.0 3	478.0 3	295.0 4	171.0 5	123.0 4	96.0 4	66.0 7
1959	189.0 25	137.0 22	75.0 26	54.0 26	38.0 25	23.0 27	15.0 29	12.0 29	9.5 29
1960	277.0 17	276.0 16	251.0 14	203.0 14	157.0 13	99.0 14	72.0 13	57.0 12	40.0 12
1961	70.0 32	26.0 34	18.0 35	15.0 35	10.0 34	6.6 35	5.7 35	5.1 35	4.3 35
1962	655.0 6	625.0 4	592.0 4	475.0 4	315.0 3	187.0 3	139.0 3	111.0 3	75.0 3
1963	139.0 27	92.0 28	82.0 24	59.0 24	52.0 22	33.0 22	22.0 24	16.0 26	15.0 25
1964	191.0 24	171.0 20	135.0 20	86.0 20	64.0 20	36.0 20	28.0 22	23.0 22	20.0 22
1965	438.0 14	420.0 10	379.0 9	276.0 10	206.0 9	138.0 9	101.0 9	81.0 9	62.0 9
1966	567.0 8	511.0 7	431.0 7	345.0 7	268.0 6	171.0 4	121.0 5	95.0 5	69.0 4
1967	520.0 9	389.0 14	307.0 13	209.0 13	159.0 12	100.0 13	69.0 14	52.0 14	35.0 15
1968	421.0 15	390.0 13	347.0 11	287.0 9	229.0 8	153.0 7	113.0 7	90.0 7	66.0 5
1969	223.0 21	214.0 17	203.0 17	159.0 15	99.0 16	57.0 16	42.0 16	34.0 17	36.0 14
1970	104.0 30	99.0 26	91.0 22	68.0 22	51.0 23	36.0 21	29.0 20	25.0 20	21.0 19
1971	70.0 31	34.0 31	27.0 33	22.0 32	17.0 32	10.0 33	7.4 33	6.2 33	5.3 33
1972	110.0 29	92.0 27	75.0 27	55.0 25	38.0 26	29.0 24	29.0 21	24.0 21	20.0 23
1973	913.0 2	901.0 2	737.0 2	577.0 2	479.0 1	332.0 1	249.0 1	196.0 1	134.0 1
1974	201.0 22	74.0 29	34.0 30	17.0 33	9.5 35	7.7 34	6.8 34	5.2 34	4.7 34
1975	458.0 12	435.0 9	347.0 12	273.0 11	177.0 11	118.0 11	91.0 11	73.0 11	54.0 10

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
6.23	5.79	8.11	9.98	11.8	24.3	89.1	37.0	9.53	12.6	27.2	12.7
47.0	12.8	37.3	57.3	83.6	854	10950	6320	282	334	1077	381
6.86	3.58	6.10	7.57	7.97	29.2	105	79.5	16.8	18.3	32.8	19.5
2.47	0.25	1.94	2.00	2.10	2.12	0.95	3.52	4.20	3.57	2.26	3.43
1.10	0.62	0.75	0.76	0.67	1.20	1.17	2.15	1.76	1.45	1.21	1.54
2.45	2.28	3.19	3.92	4.65	9.57	35.0	14.5	3.75	4.95	10.7	4.90

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
21.2	289	17.0	1.44	0.80	-0.206

LITTLE COLORADO RIVER BASIN

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09386500 LITTLE COLORADO RIVER ABOVE ZUNI RIVER, NEAR HUNT, AZ

LOCATION.--Lat 34°38'30", long 109°40'35", in SW¼NW¼ sec.2, T.14 N., R.25 E. (unsurveyed), Apache County, on right bank 500 ft (150 m) upstream from Zuni River and 3.6 mi (5.8 km) northwest of Hunt.

DRAINAGE AREA.--3,680 mi² (9,530 km²), approximately (about 2,100 mi² (5,400 km²), including 790 mi² (2,050 km) above Lyman Reservoir, is noncontributing, except during years of high runoff).

REMARKS.--Diversion for irrigation of about 11,100 acres above station. Considerable regulation by many reservoirs (combined capacity, about 50,000 acre-ft or 62 km³), the largest of which is Lyman Lake, 40 mi (64 km) upstream.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1940	577	07-26-40		3.46	1941	15800
1941	516	05-11-41		3.37	1942	3170
1942	37	10-07-41		1.98	1943	48
1943	11	09-25-43		1.61	1944	252
1944	101	09-26-44		2.36	1945	7960
1945	1100	08-13-45		4.13	1946	7120
1946	745	08-04-46		3.60	1947	4770
1947	301	08-04-47		2.86	1948	2400
1948	75	09-17-48		2.17	1949	5920
1949	478	08-10-49		3.11	1950	1160
1950	140	07-07-50		2.41	1951	93
1951	70	08-28-51		2.19	1952	91
1952	67	07-27-52		2.12	1953	611
1953	62	07-27-53		2.02	1954	2250
1954	136	07-26-54		2.40	1955	21600
1955	831	08-24-55		3.73	1956	1800
1956	37	02-19-56		1.70	1957	5500
1957	476	09-01-57		3.10	1958	2940
1958	1020	08-21-58		3.85	1959	2270
1959	130	08-11-59		2.24	1960	2120
1960	38	10-30-59		1.67	1961	6
1961	3	09-11-61		1.28	1962	131
1962	10	01-31-62	LT	1.48	1963	208
1963	34	09-04-63		1.60	1964	2240
1964	233	08-09-64		2.58	1965	3870
1965	194	09-08-65		2.40	1966	3400
1966	56	09-14-66		1.78	1967	6410
1967	176	08-01-67		2.37	1968	3570
1968	179	08-07-68		2.30	1969	1280
1969	747	07-23-69		3.51	1970	1150
1970	52	08-16-70		1.62	1971	4660
1971	1310	09-03-71	DF	4.22	1972	4790
1972	552	10-01-71		3.00		

LT Actual discharge is less than indicated value.

DF Discharge is due to dam failure.

LITTLE COLORADO RIVER BASIN

09386500 LITTLE COLORADO RIVER ABOVE ZUNI RIVER, NEAR HUNT, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
 DISCHARGE, IN CUBIC FEET PER SECOND
 MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1941									12		18	47		9	6	4	34	61	77	34	8	17	12	8	3	3	2	3	2	5						
1942	44						42	15	9		7	52		12	14	11	42	66	36	4	6	4	1													
1943	269						56	7	26		1	3		3																						
1944	197						54	47	17	6	13	15	6	6	3						1		1													
1945	35						59	76	64	51	15	19	5	3	5	1	3	3	2	2	1	4	2	4	4	1	1	1	1	1	1	1	1	1	1	
1946							3	35	28	19	87	31	8	7	25	27	21	18	12	11	7	8	5	3	7	3										
1947	13						18	49	9	34	26	28	11	9	4	9	46	72	17	5	2	2	1	3	2	2	3									
1948	32						23	42	6	17	17	36	10	26	23	20	36	38	28	12																
1949							1	39	23	76	41	72	20	46	16	1	1	2	2	1	6	8	1	1	1		2	1	3	1						
1950	96						21	12	3	4	15	42	32	28	38	52	19	2	1																	
1951	244						41	56	8	9	1	3	2								1															
1952	290						10	29	5	17	5	4	1	1	1	1	1	1																		
1953	171						10	16	3	17	8	38	28	28	23	17	3	3																		
1954	180						21	31	6	6	30	30	9	16	7	2	1	3	2	4	2	3	5	3	2	2										
1955	90						69	61	3	15	10	26	2	17	24	10	2	4	1	2	1	1	2													
1956	120						36	31	24	24	17	3	3	6	13	1	23	35	18	3	4	5														
1957	293						9	2	3	12	1	3	3	5	3	2	3	3	3	1	1	3	2	2	2	3	1	1	2	2						
1958	80						33	10	8	13	5	14	10	7	15	42	60	48	12	5	1															
1959	149						13	14	3	8	5	8	7	12	57	35	16	20	4	2	2	2	5	3												
1960	186						12	2	2	5	1	2	2	10	15	15	39	43	20	8	4															
1961	350						9	3	2	1																										
1962	315						15	8	2	3	1	1	3	2	8	5	2																			
1963	232						42	25	6	17	7	6	8	5	10	5	1	1																		
1964	140						43	19	3	21	5	10	11	21	33	11	3	13	17	4	4	2		4	1	1										
1965	141						34	15	3	4	1	5	4	12	11	5	23	55	39	2	2	1	2	1	1	1	2									
1966	71						18	14	6	2	1		5	5	31	33	28	108	31	8	4															
1967	168	24	8	11	5	6	14	6	3	6	1	6	10	16	3	1	20	7	5	4	6	4	5	7	6	10	3									
1968	12	15	6	4	5	7	13	13	14	16	15	13	18	22	19	18	8	56	65	25	1	1														
1969	82	22	7	25	18	26	16	10	11	20	14	32	32	26	7	2	5	1		3	1	1	2		1		1									
1970	41	17	15	23	15	14	25	25	13	15	18	25	12	16	22	21	21	21	5		1															
1971	143	7	4	6	6	15	30	14	13	21	12	8	9	42	15	3	3	2	3		1	1	1	1			1	1	1	1	1	1	1	1		
1972	47	5	3	6	7	11	15	20	20	19	14	26	25	25	15	8	21	23	16	18	12	5	1	1			1		1	1						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	4231	11688	100.0	12	1.2	319	3738	32.0	24	70	27	135	1.1
1	0.01	90	7457	63.8	13	1.6	444	3419	29.3	25	98	33	108	.9
2	0.02	43	7367	63.0	14	2.3	448	2975	25.5	26	140	22	75	.6
3	0.03	75	7324	62.7	15	3.3	360	2527	21.6	27	190	10	53	.4
4	0.05	56	7249	62.0	16	4.6	491	2167	18.5	28	270	14	43	.3
5	0.07	79	7193	61.5	17	6.4	712	1676	14.3	29	380	20	29	.2
6	0.10	802	7114	60.9	18	9.0	422	964	8.2	30	540	7	9	
7	0.20	714	6312	54.0	19	13.0	159	542	4.6	31	760	2	2	
8	0.30	365	5598	47.9	20	18.0	83	383	3.3	32				
9	0.40	487	5233	44.8	21	25.0	70	300	2.6	33				
10	0.60	344	4746	40.6	22	35.0	52	230	2.0	34				
11	0.80	664	4402	37.7	23	50.0	43	178	1.5					

LITTLE COLORADO RIVER BASIN

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09386500 LITTLE COLORADO RIVER ABOVE ZUNI RIVER, NEAR HUNT, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1941	0.30 32	0.30 32	0.39 32	0.59 32	0.73 32	1.10 32	2.30 32	3.60 32	14.00 32
1942	0.00 1	0.00 1	0.00 1	0.01 26	0.04 23	0.05 21	0.06 16	0.15 19	0.50 20
1943	0.00 2	0.00 2	0.00 2	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1
1944	0.00 3	0.00 3	0.00 3	0.00 2	0.00 2	0.00 2	0.00 2	0.02 7	0.15 11
1945	0.00 4	0.00 4	0.00 4	0.00 3	0.06 25	0.11 24	0.12 20	0.16 20	0.18 12
1946	0.20 31	0.27 31	0.29 31	0.29 31	0.30 30	0.38 28	0.54 29	0.79 29	2.90 31
1947	0.00 5	0.00 5	0.04 29	0.11 29	0.17 28	0.20 25	0.22 23	0.26 23	0.85 25
1948	0.00 6	0.00 6	0.00 5	0.00 4	0.01 21	0.08 23	0.24 24	0.47 26	0.92 26
1949	0.10 30	0.20 30	0.20 30	0.21 30	0.26 29	0.40 29	0.39 27	0.47 27	0.94 27
1950	0.00 7	0.00 7	0.00 6	0.00 5	0.00 3	0.01 16	0.26 25	0.22 22	0.43 18
1951	0.00 8	0.00 8	0.00 7	0.00 6	0.00 4	0.00 3	0.01 8	0.03 8	0.07 7
1952	0.00 9	0.00 9	0.00 8	0.00 7	0.00 5	0.00 4	0.03 12	0.05 11	0.04 6
1953	0.00 10	0.00 10	0.00 9	0.00 8	0.00 6	0.00 5	0.18 22	0.14 18	0.34 16
1954	0.00 11	0.00 11	0.00 10	0.00 9	0.00 7	0.00 6	0.00 3	0.01 4	0.18 13
1955	0.00 12	0.00 12	0.00 11	0.00 10	0.00 8	0.00 7	0.01 9	0.05 12	0.68 22
1956	0.00 13	0.00 13	0.00 12	0.00 11	0.00 9	0.00 8	0.06 17	0.05 13	0.09 8
1957	0.00 14	0.00 14	0.00 13	0.00 12	0.00 10	0.00 9	0.00 4	0.01 5	0.01 4
1958	0.00 15	0.00 15	0.00 14	0.00 13	0.03 22	0.06 22	0.13 21	0.35 24	1.60 28
1959	0.00 16	0.00 16	0.00 15	0.00 14	0.00 11	0.02 18	0.03 13	0.05 14	0.30 15
1960	0.00 17	0.00 17	0.00 16	0.00 15	0.00 12	0.00 10	0.01 10	0.01 6	0.03 5
1961	0.00 18	0.00 18	0.00 17	0.00 16	0.00 13	0.00 11	0.00 5	0.00 2	0.00 2
1962	0.00 19	0.00 19	0.00 18	0.00 17	0.00 14	0.00 12	0.00 6	0.00 3	0.00 3
1963	0.00 20	0.00 20	0.00 19	0.00 18	0.00 15	0.00 13	0.04 14	0.06 17	0.11 10
1964	0.00 21	0.00 21	0.00 20	0.00 19	0.00 16	0.04 19	0.05 15	0.05 15	0.81 23
1965	0.00 22	0.00 22	0.00 21	0.00 20	0.00 17	0.04 20	0.07 18	0.06 16	0.18 14
1966	0.00 23	0.00 23	0.00 22	0.00 21	0.05 24	0.55 30	1.00 30	0.92 30	2.70 30
1967	0.00 24	0.00 24	0.00 23	0.00 22	0.00 18	0.00 14	0.02 11	0.04 9	0.40 17
1968	0.00 25	0.00 25	0.00 24	0.01 27	0.36 31	1.00 31	1.10 31	1.50 31	2.30 29
1969	0.00 26	0.00 26	0.00 25	0.00 23	0.00 19	0.01 17	0.07 19	0.21 21	0.46 19
1970	0.00 27	0.00 27	0.00 26	0.01 28	0.07 26	0.20 26	0.42 28	0.49 28	0.83 24
1971	0.00 28	0.00 28	0.00 27	0.00 24	0.00 20	0.00 15	0.00 7	0.05 10	0.10 9
1972	0.00 29	0.00 29	0.00 28	0.00 25	0.09 27	0.27 27	0.29 26	0.40 25	0.57 21

LITTLE COLORADO RIVER BASIN

09386500 LITTLE COLORADO RIVER ABOVE ZUNI RIVER, NEAR HUNT, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1941	496.0 4	475.0 3	400.0 3	268.0 2	154.0 2	81.0 2	65.0 2	51.0 2	38.0 2
1942	36.0 18	33.0 17	28.0 17	23.0 16	16.0 14	11.0 15	10.0 14	9.9 11	8.2 10
1943	2.0 31	1.7 31	1.0 31	0.7 30	0.5 30	0.3 31	0.2 30	0.2 31	0.1 31
1944	35.0 19	19.0 22	9.0 24	4.3 26	2.2 26	1.3 26	0.9 26	0.7 26	0.5 26
1945	1020.0 1	727.0 1	437.0 2	239.0 3	129.0 3	68.0 3	44.0 3	33.0 3	22.0 3
1946	174.0 9	157.0 9	123.0 9	89.0 8	57.0 8	46.0 5	31.0 5	23.0 5	16.0 5
1947	174.0 10	166.0 8	129.0 8	81.0 9	43.0 9	23.0 10	15.0 10	12.0 10	7.7 11
1948	17.0 25	14.0 23	13.0 22	12.0 22	11.0 20	9.0 20	7.9 19	7.7 16	5.8 16
1949	460.0 6	388.0 5	295.0 4	160.0 5	90.0 4	45.0 7	30.0 7	23.0 6	15.0 6
1950	9.5 26	6.7 24	6.1 25	5.7 24	5.2 24	4.3 23	4.1 23	3.6 23	2.8 23
1951	19.0 24	6.8 25	2.9 29	1.5 29	0.8 29	0.4 29	0.3 29	0.2 30	0.2 30
1952	7.2 28	3.1 30	1.3 30	0.6 31	0.4 31	0.3 30	0.2 31	0.2 29	0.2 29
1953	8.3 27	6.2 27	5.4 26	4.3 25	2.9 25	2.2 25	2.3 25	2.1 25	1.6 25
1954	118.0 14	107.0 13	80.0 12	47.0 12	25.0 12	18.0 11	12.0 11	9.0 13	5.9 14
1955	761.0 2	697.0 2	571.0 1	512.0 1	355.0 1	179.0 1	119.0 1	90.0 1	59.0 1
1956	31.0 20	27.0 18	25.0 18	18.0 18	14.0 17	11.0 16	9.1 16	7.2 19	4.9 18
1957	448.0 7	384.0 6	275.0 5	168.0 4	90.0 5	46.0 6	31.0 6	23.0 7	15.0 7
1958	166.0 12	111.0 12	50.0 13	25.0 15	16.0 15	9.9 17	6.9 20	5.7 20	4.6 20
1959	64.0 16	59.0 16	48.0 14	35.0 13	18.0 13	9.1 19	6.1 21	4.6 21	3.2 21
1960	23.0 21	20.0 19	16.0 20	13.0 21	12.0 18	9.6 18	8.5 17	7.6 17	5.8 15
1961	3.4 32	0.3 32	0.2 32	0.1 32	0.1 32	0.0 32	0.0 32	0.0 32	0.0 32
1962	5.4 30	4.8 28	4.2 27	3.5 27	1.9 27	1.0 27	0.6 27	0.5 27	0.3 27
1963	6.5 29	4.2 29	3.1 28	1.6 28	1.1 28	0.7 28	0.5 28	0.4 28	0.3 28
1964	105.0 15	61.0 15	34.0 16	25.0 14	15.0 16	14.0 13	9.6 15	7.2 18	4.7 19
1965	188.0 8	156.0 10	110.0 11	61.0 11	32.0 11	16.0 12	11.0 12	8.1 14	5.4 17
1966	22.0 22	20.0 20	17.0 19	15.0 19	9.7 22	8.3 21	7.9 18	7.9 15	7.4 13
1967	146.0 13	135.0 11	112.0 10	94.0 7	61.0 7	51.0 4	34.0 4	26.0 4	17.0 4
1968	37.0 17	20.0 21	14.0 21	13.0 20	12.0 19	12.0 14	11.0 13	9.5 12	7.6 12
1969	173.0 11	91.0 14	40.0 15	19.0 17	10.0 21	7.9 22	5.5 22	4.4 22	3.1 22
1970	21.0 23	13.0 24	9.0 23	6.3 23	5.4 23	3.9 24	3.0 24	3.1 24	2.7 24
1971	729.0 3	415.0 4	213.0 6	106.0 6	71.0 6	37.0 8	25.0 8	19.0 8	13.0 8
1972	471.0 5	321.0 7	156.0 7	76.0 10	42.0 10	26.0 9	22.0 9	19.0 9	13.0 9

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
3.33	2.04	3.19	3.77	3.79	2.85	1.17	4.87	0.43	1.92	25.6	10.4
62.0	7.06	14.6	16.7	17.5	29.3	5.98	661	1.74	16.1	3949	343
7.88	2.66	3.82	4.09	4.18	5.42	2.45	25.7	1.32	4.01	62.8	18.5
3.94	1.31	1.51	0.95	1.01	3.83	2.82	5.74	5.27	3.43	4.19	2.00
2.36	1.31	1.20	1.08	1.10	1.90	2.09	5.28	3.06	2.09	2.45	1.78
5.26	3.21	5.04	5.95	5.97	4.50	1.84	7.68	0.68	3.02	40.4	16.4

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
5.16	40.1	6.33	2.58	1.23	0.032

LITTLE COLORADO RIVER BASIN

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09388000 LITTLE COLORADO RIVER NEAR HUNT, AZ

LOCATION.--Lat 34°38'50", long 109°42'10", in NE¼NW¼ sec.4, T.14 N., R.25 E. (unsurveyed), Apache County, near left bank on upstream side of pier of bridge on U.S. Highway 180, 2 mi (3.2 km) downstream from Zuni River and 5 mi (8 km) northwest of Hunt.

DRAINAGE AREA.--6,280 mi² (16,300 km²), approximately (about 2,100 mi² (5,400 km²), including 790 mi² (2,050 km²) above Lyman Reservoir, is noncontributing, except during years of high runoff).

REMARKS.--Diversions for irrigation above station of about 14,600 acres (59 km²). Considerable regulation by many reservoirs (combined capacity, about 59,000 acre-ft or 73 km³).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1929	8000	07-28-29	UR		1930	14000
1930	965	08-07-30	UR		1931	27600
1931	3600	08-05-31	UR		1932	48700
1932	1200	08-29-32	UR		1933	15900
1933	3600	07-24-33	UR		1941	57400
1940	2110	07-26-40	UR	10.34	1942	6720
1941	1560	07-25-41	UR	8.96	1943	1110
1942	725	10-04-41	UR	6.99	1944	1310
1943	508	08-11-43	UR	6.40	1945	14200
1944	451	09-30-44	UR	7.51	1946	20000
1945	1590	08-13-45	UR	10.87	1947	12200
1946	2390	08-05-46	UR	13.90	1948	6340
1947	1290	08-23-47	UR	10.50	1949	15800
1948	925	10-14-47	UR	9.49	1950	1280
1949	4050	08-09-49	UR	16.87	1951	1420
1950	119	07-24-50	UR	6.42	1952	1360
1951	531	08-28-51	UR	9.74	1953	940
1952	395	09-22-52	UR	9.07	1954	3030
1953	42	07-18-53	UR	7.02	1955	33300
1954	214	07-26-54	UR	8.86	1956	1960
1955	2550	08-08-55	UR	17.30	1957	7540
1956	145	07-22-56	UR	8.30	1958	6000
1957	882	09-01-57	UR	12.47	1959	3470
1958	1400	08-21-58	UR	15.44	1960	4040
1959	235	08-04-59	UR	10.33	1961	391
1960	453	10-30-59	UR	11.70	1962	315
1961	272	08-15-61	UR	10.55	1963	2200
1962	112	10-31-61	UR	9.22	1964	5550
1963	232	08-21-63	UR	9.80	1965	6030
1964	580	08-04-64	UR	12.68	1966	7090
1965	545	09-04-65	UR	12.44	1967	16400
1966	570	08-15-66	UR	12.69	1968	5490
1967	748	08-14-67	UR	13.69	1969	4820
1968	1140	08-04-68	UR	15.27	1970	1890
1969	2360	07-24-69	UR	17.81	1971	11700
1970	378	08-17-70	UR	11.29	1972	9380
1971	1900	09-03-71	DF UR	16.73		
1972	1230	10-01-71	UR	14.83		

UR Unknown effect of regulation or diversion.

DF Discharge is due to dam failure.

LITTLE COLORADO RIVER BASIN

09388000 LITTLE COLORADO RIVER NEAR HUNT, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
													2	71	44	23	19	50	63	31	15	8	16	10	4	4	3	2								
1930																																				
1931	74												73	59	40	4	7	11	26	4	9	7	8	6	5	6	10	9	6	1						
1932	11												9	13	33	8	26	37	47	38	21	16	10	21	16	23	19	10	5	2	1					
1933								13	59	7	6	13	7	22	8	14	35	21	88	23	12	9	9	2	7	3	3	1	2			1				
1941	6												28	11	3	3	26	32	43	38	21	21	13	7	5	11	28	22	11	1						
1942								33	27	27	7	33	12	11	9	11	25	95	37	7	11	5	6	5	3											
1943	4							116	52	58	48	35	15	11	6	2	5	2	3	2	3	1	1	1	1											
1944	35							73	76	53	30	44	31	8	5	2	1	1	1	1	1	1	3													
1945								36	65	129	42	25	5	8	5	3	3	4	4	2	2	5	7	6	5	2	3			1	1	1	1			
1946										20	16	90	65	15	2	14	24	17	22	10	23	8	8	7	5	4	3	6	6							
1947								3	14	30	54	31	19	24	3	8	25	86	22	6	8	5	5	6	4	8	1	1	1	1						
1948								13	16	45	14	24	27	30	10	9	34	56	18	24	7	4	4	6	1	1	1	1								
1949								18	68	56	46	50	52	24	4	4	4	4	3	3	11	3	1	4	3	4	2	1			1	2	1			
1950	45							47	23	8	6	32	44	41	32	59	22	4	1	1																
1951	78							122	80	54	11	3	2	2	2	1	1	3		1	1		2	1				1								
1952	131							91	44	30	21	8	8	5	6	5	2		3	2	3	5	1			1										
1953	131							24	13	30	18	20	29	24	29	14	21	7	4	1																
1954	175							15	35	47	9	17	7	12	10	3	4	4	2	8	4	4	4	1	2	2										
1955	161							8	21	38	16	7	25	16	24	7	2	2	2	2	3	1	2	2	1	1		4	10	7	3					
1956	124							32	22	45	17	5	4	11	11	21	33	12	14	5	7	2	1													
1957	280							16	5	10	3	2	5	5	4	1	3	5	3	2	1	6	2	3		4	1	1	2	1						
1958	59							22	16	19	9	15	11	10	6	11	79	70	11	4	10	2	6	1	1	2										
1959	142							9	10	9	3	13	9	8	41	46	28	25	2	2	2	4	7	5												
1960	189							4	3	4		1	2	2	7	26	47	20	31	16	6	2	3	1	1		1									
1961	326							12	6	2	3	2	1	3		1	2	2		1	2	1	1													
1962	335							3	3	2		7	3	3	4	1	1		1				2													
1963	236							9	10	12	11	8	13	14	10	8	3	7	5	3	6	3	3	1	3											
1964	108							21	9	18	10	18	32	41	11	16	10	24	11	7	7	10	4	3	1	4	1									
1965	119							16	7	17	3	12	9	7	15	6	26	93	12	4	3	2	4	2	4	1	3									
1966	84							1	1	1	3	2	6	8	30	21	50	106	18	14	6	3	4	3		1	2									
1967	217							4	2	1	4		4	28	11	3	8	9	7	8	12	5	10	4	5	7	4	7	2							
1968	77							1	11	6	10	8	11	13	12	25	17	24	44	62	17	15	1	3												
1969	133							2	3	3	8	25	7	7	14	27	17	46	22	7	9	8	9	3	5	2	3									
1970	98							3	3	1	4	15	18	22	20	19	16	19	33	33	33	18	4	2	2		1	1								
1971	201	1	2	3	1	8		5	6	12	11	7	13	25	32	4	6	3	1	1	6	5	3	1	1		2	2		1	1	1				
1972	60							4	12	14	33	18	13	55	22	9	19	25	13	31	11	5	6	1			1	1	2							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	3660	13149	100.0	12	1.0	629	5951	45.3	24	97	79	410	3.1
1	0.01	1	9489	72.2	13	1.4	732	5322	40.5	25	140	93	331	2.5
2	0.02	9	9488	72.2	14	2.1	579	4590	34.9	26	210	88	238	1.8
3	0.03	14	9479	72.1	15	3.1	425	4011	30.5	27	310	70	150	1.1
4	0.04	9	9465	72.0	16	4.5	667	3586	27.3	28	450	49	80	.6
5	0.06	30	9456	71.9	17	6.6	907	2919	22.2	29	660	18	31	.2
6	0.09	1	9426	71.7	18	9.7	592	2012	15.3	30	970	10	13	
7	0.10	803	9425	71.7	19	14.0	325	1420	10.8	31	1400	3	3	
8	0.20	686	8622	65.6	20	21.0	255	1095	8.3	32	2100			
9	0.30	849	7936	60.4	21	31.0	155	840	6.4	33	3100			
10	0.50	541	7087	53.9	22	45.0	160	685	5.2	34				
11	0.70	595	6546	49.8	23	66.0	115	525	4.0					

LITTLE COLORADO RIVER BASIN

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09388000 LITTLE COLORADO RIVER NEAR HUNT, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
	1.00 36	1.70 36	1.70 36	1.90 36	1.90 36	2.00 34	2.30 33	4.60 33	6.70 33
1930									
1931	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.23 26	0.34 22	0.97 25	2.70 26
1932	0.00 2	0.00 2	0.00 2	0.21 31	1.19 35	2.50 35	8.10 35	9.80 35	60.00 36
1933	0.10 30	0.10 32	0.10 31	0.14 29	0.17 27	0.18 22	0.53 27	2.60 29	3.90 28
1941	0.00 3	0.00 3	0.07 29	0.50 35	0.58 34	8.20 36	12.00 36	12.00 36	55.00 35
1942	0.10 31	0.10 33	0.11 32	0.14 30	0.20 29	0.29 27	0.49 25	2.80 30	5.70 32
1943	0.00 4	0.03 29	0.06 28	0.08 27	0.09 25	0.10 20	0.11 16	0.11 9	0.34 10
1944	0.00 5	0.00 4	0.00 3	0.04 26	0.07 23	0.08 18	0.10 12	0.23 16	0.42 12
1945	0.10 32	0.10 30	0.10 30	0.10 28	0.13 26	0.19 23	0.22 20	0.24 17	0.27 8
1946	0.30 35	0.30 35	0.33 35	0.38 34	0.42 33	0.56 31	0.67 31	1.10 27	4.80 30
1947	0.10 33	0.10 31	0.17 33	0.29 33	0.40 32	0.47 29	0.52 26	0.51 20	1.19 23
1948	0.00 6	0.00 5	0.00 4	0.01 24	0.03 21	0.19 24	0.39 23	4.00 32	5.50 31
1949	0.20 34	0.20 34	0.20 34	0.23 32	0.30 30	0.45 28	0.42 24	0.60 21	1.00 18
1950	0.00 7	0.00 6	0.00 5	0.00 2	0.01 17	0.05 13	0.54 28	0.66 22	0.73 16
1951	0.00 8	0.00 7	0.00 6	0.00 3	0.00 2	0.06 14	0.11 13	0.14 10	0.23 7
1952	0.00 9	0.00 8	0.00 7	0.00 4	0.01 18	0.04 12	0.08 11	0.40 19	0.39 11
1953	0.00 10	0.00 9	0.00 8	0.00 5	0.00 3	0.08 19	0.19 19	0.36 18	0.50 13
1954	0.00 11	0.00 10	0.00 9	0.00 6	0.00 4	0.00 1	0.00 1	0.10 7	0.22 6
1955	0.00 12	0.00 11	0.00 10	0.00 7	0.00 5	0.00 2	0.01 6	0.19 14	0.61 14
1956	0.00 13	0.00 12	0.00 11	0.00 8	0.00 6	0.01 9	0.11 14	0.20 15	0.62 15
1957	0.00 14	0.00 13	0.00 12	0.00 9	0.00 7	0.00 3	0.01 7	0.02 5	0.04 2
1958	0.00 15	0.00 14	0.00 13	0.03 25	0.07 24	0.12 21	0.30 21	1.19 28	2.80 27
1959	0.00 16	0.00 15	0.00 14	0.00 10	0.01 19	0.03 11	0.05 9	0.11 8	1.10 19
1960	0.00 17	0.00 16	0.00 15	0.00 11	0.00 8	0.00 4	0.00 2	0.00 1	0.31 9
1961	0.00 18	0.00 17	0.00 16	0.00 12	0.00 9	0.00 5	0.00 3	0.00 2	0.04 3
1962	0.00 19	0.00 18	0.00 17	0.00 13	0.00 10	0.00 6	0.00 4	0.00 3	0.00 1
1963	0.00 20	0.00 19	0.00 18	0.00 14	0.00 11	0.00 7	0.02 8	0.02 6	0.11 4
1964	0.00 21	0.00 20	0.00 19	0.00 15	0.00 12	0.07 15	0.14 17	0.14 11	1.19 20
1965	0.00 22	0.00 21	0.00 20	0.00 16	0.00 13	0.07 16	0.15 18	0.14 12	2.50 25
1966	0.00 23	0.00 22	0.00 21	0.00 17	0.00 14	0.67 32	2.30 34	3.50 31	4.70 29
1967	0.00 24	0.00 23	0.00 22	0.00 18	0.00 15	0.00 8	0.00 5	0.00 4	0.75 17
1968	0.00 25	0.00 24	0.00 23	0.00 19	0.18 28	0.85 33	1.30 32	5.00 34	7.30 34
1969	0.00 26	0.00 25	0.00 24	0.00 20	0.03 20	0.08 17	0.11 15	1.00 26	1.19 21
1970	0.00 27	0.00 26	0.00 25	0.00 21	0.05 22	0.19 25	0.54 29	0.77 24	1.70 24
1971	0.00 28	0.00 27	0.00 26	0.00 22	0.00 16	0.02 10	0.07 10	0.15 13	0.14 5
1972	0.00 29	0.00 28	0.00 27	0.00 23	0.31 31	0.50 30	0.65 30	0.74 23	1.19 22

LITTLE COLORADO RIVER BASIN

09388000 LITTLE COLORADO RIVER NEAR HUNT, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1930	403.0 18	278.0 16	190.0 14	125.0 14	96.0 14	56.0 14	38.0 14	29.0 14	22.0 13
1931	693.0 11	632.0 7	481.0 5	409.0 4	261.0 3	204.0 3	146.0 4	110.0 4	72.0 4
1932	996.0 7	664.0 6	421.0 7	260.0 8	205.0 7	180.0 4	170.0 3	132.0 3	93.0 2
1933	1200.0 5	502.0 12	320.0 13	172.0 13	108.0 13	94.0 10	70.0 9	54.0 9	36.0 9
1941	685.0 12	613.0 8	541.0 4	414.0 3	388.0 2	350.0 1	265.0 1	205.0 1	143.0 1
1942	336.0 20	187.0 21	108.0 21	65.0 21	40.0 20	23.0 21	19.0 20	16.0 20	13.0 17
1943	115.0 30	41.0 33	18.0 32	12.0 31	7.7 32	5.3 31	3.9 33	3.0 34	2.0 34
1944	170.0 27	106.0 26	65.0 27	30.0 28	15.0 29	7.9 29	5.6 29	4.2 29	2.9 31
1945	1480.0 3	1200.0 2	696.0 3	388.0 5	221.0 5	117.0 8	78.0 8	59.0 8	39.0 8
1946	601.0 13	545.0 11	411.0 8	322.0 6	211.0 6	144.0 5	99.0 5	74.0 5	49.0 3
1947	856.0 9	566.0 10	349.0 11	229.0 9	140.0 10	81.0 11	54.0 11	41.0 11	27.0 11
1948	326.0 21	241.0 18	122.0 19	58.0 22	30.0 24	17.0 23	14.0 23	12.0 22	13.0 18
1949	1800.0 1	1320.0 1	810.0 2	422.0 2	239.0 4	127.0 7	85.0 7	64.0 7	42.0 7
1950	18.0 35	10.0 35	6.0 36	5.5 36	5.1 33	4.3 33	4.1 31	3.6 32	2.8 32
1951	407.0 17	160.0 23	69.0 25	33.0 26	21.0 27	11.0 27	7.3 28	5.5 28	3.7 28
1952	189.0 26	78.0 29	34.0 29	16.0 30	8.1 31	6.0 30	4.3 30	4.0 30	3.1 30
1953	16.0 36	9.2 36	7.5 35	5.8 34	4.7 34	3.8 34	2.9 34	3.0 33	2.2 33
1954	194.0 25	169.0 22	117.0 20	68.0 18	36.0 21	24.0 20	16.0 21	12.0 23	8.1 24
1955	1260.0 4	1050.0 3	842.0 1	687.0 1	544.0 1	276.0 2	185.0 2	139.0 2	91.0 3
1956	57.0 33	42.0 31	32.0 30	22.0 29	17.0 28	11.0 28	9.1 27	7.2 27	4.8 27
1957	753.0 10	579.0 9	390.0 10	228.0 10	121.0 11	63.0 12	42.0 13	32.0 13	21.0 14
1958	572.0 14	247.0 17	126.0 18	67.0 19	44.0 19	30.0 19	22.0 17	17.0 17	11.0 20
1959	96.0 31	82.0 28	71.0 24	56.0 23	33.0 22	18.0 22	12.0 25	8.6 25	5.9 25
1960	282.0 22	135.0 25	65.0 26	33.0 27	23.0 26	16.0 24	15.0 22	14.0 21	11.0 21
1961	53.0 34	24.0 34	12.0 34	5.5 35	4.0 36	2.0 36	1.4 36	1.0 36	0.7 36
1962	59.0 32	41.0 32	18.0 33	8.6 33	4.4 35	2.2 35	1.5 35	1.3 35	0.9 35
1963	124.0 29	86.0 27	55.0 28	34.0 25	25.0 25	16.0 25	11.0 26	8.1 26	5.3 26
1964	269.0 23	136.0 24	78.0 23	66.0 20	46.0 18	38.0 15	26.0 15	19.0 15	13.0 15
1965	263.0 24	203.0 20	152.0 17	99.0 15	53.0 15	32.0 17	22.0 18	17.0 18	11.0 22
1966	495.0 16	327.0 15	163.0 16	78.0 17	51.0 16	32.0 18	22.0 19	16.0 19	13.0 16
1967	567.0 15	485.0 13	326.0 12	289.0 7	177.0 8	130.0 6	89.0 6	67.0 6	44.0 6
1968	400.0 19	207.0 19	100.0 22	56.0 24	30.0 23	16.0 26	13.0 24	11.0 24	11.0 23
1969	1090.0 6	404.0 14	186.0 15	89.0 16	48.0 17	34.0 16	23.0 16	18.0 16	12.0 19
1970	128.0 28	50.0 30	22.0 31	10.0 32	8.5 30	4.8 32	3.9 32	3.6 31	3.3 29
1971	1600.0 2	813.0 4	438.0 6	225.0 11	170.0 9	95.0 9	64.0 10	48.0 10	32.0 10
1972	950.0 8	799.0 5	404.0 9	200.0 12	108.0 12	59.0 13	46.0 12	36.0 12	24.0 12

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
11.4	3.10	4.17	5.45	9.14	14.2	15.3	7.20	3.89	17.2	73.6	38.5
574	10.6	21.1	44.3	610	2246	3342	1503	3.13	1353	14050	5319
24.0	3.25	4.59	6.66	24.7	47.4	57.8	38.8	1.77	36.8	119	72.9
2.90	0.85	1.47	2.52	5.50	4.07	4.63	6.13	3.52	4.25	2.44	3.52
2.09	1.05	1.10	1.22	2.70	3.33	3.77	5.39	1.99	2.14	1.61	1.89
5.71	1.55	2.08	2.72	4.56	7.11	7.65	3.59	0.44	8.59	36.7	19.2

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
14.5	324	18.0	2.29	1.24	0.262

LITTLE COLORADO RIVER BASIN

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09390500 SHOW LOW CREEK NEAR LAKESIDE, AZ

LOCATION.--Lat 34°10'46", long 109°59'14", in SW¼ sec.14, T.9 N., R.22 E., Navajo County, Hydrologic Unit 15020005, on left bank 1 mi (2 km) upstream from pumping plant on Show Low Lake, 1.9 mi (3.1 km) northwest of Lakeside, 2.2 mi (3.5 km) upstream from Jaques Dam, and 6 mi (10 km) southeast of Show Low.

DRAINAGE AREA.--68.6 mi² (177.7 km²).

REMARKS.--Records fair. Record shows inflow to Show Low Lake. Flow partly regulated by several small reservoirs, largest of which are Rainbow Lake and Scott Reservoir, combined capacity, 2,400 acre-ft (2.96 hm³). Diversions for irrigation of about 250 acres (1.01 km²) above station.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1954	2040	03-23-54	UR	6.40	1954	5870
1955	273	08-27-55	UR	3.57	1955	2810
1956	103	07-31-56	UR	3.03	1956	2050
1957	56	02-09-57	UR	2.80	1957	2310
1958	867	03-22-58	UR	4.78	1958	6010
1959	45	08-28-59	UR	2.72	1959	1900
1960	487	03-08-60	UR	4.07	1960	11900
1961	27	04-01-61	UR	2.56	1961	2330
1962	930	02-13-62	UR	4.52	1962	14900
1963	64	02-22-63	UR	2.84	1963	4230
1964	30	04-10-64	UR	2.60	1964	2100
1965	2430	01-07-65	UR	6.28	1965	14200
1966	3880	12-30-65	UR	7.42	1966	16400
1967	42	08-02-67	UR	2.70	1967	2410
1968	345	02-25-68	UR	3.70	1968	14500
1969	395	03-19-69	UR	3.80	1969	7340
1970	24	04-22-70	UR	2.47	1970	2430
1971	219	08-10-71	UR	3.41	1971	2100
1972	5450	12-26-71	UR	9.53	1972	13400
1973	1400	05-05-73	UR	5.25	1973	29900
1974	60	03-21-74	UR	2.82	1974	4290
1975	405	03-09-75	UR	3.82	1975	14400

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1954	2						9	7	21	16	41	33	5	22	32	84	70	8	3	1	1	1	2	2	1	3							1			
1955							6	26	25	11	41	15	42	83	26	56	22	8			1		3													
1956								11	49	40	19	34	34	71	33	10	24	28	11	1			1													
1957								1	4	35	28	22	38	44	47	27	47	55	8	3	1	3	2													
1958								21	19	16	24	28	35	16	41	38	31	39	19	5	2	8	9	3	8		1	1		1						
1959								6	41	37	20	14	46	51	62	16	12	16	29	14	1															
1960										2	9	44	53	78	45	21	13	15	9	19	20	9	7	4	3	6	7	2								
1961											13	10	33	73	82	49	38	41	22	3	1															
1962								4	6	11	32	47	47	23	38	41	46	2	13	12	3	7	14	7	2	5	1	3	1							
1963								3	13	11	36	30	38	31	72	46	46	12	12	9	4	2														
1964				2	5	1	8	52	11	4	2	45	17	45	76	29	60	6		1	2															
1965	12						14	6	14	4	4	22	6	15	45	75	44	21	10	13	8	5	17	12	9	5	1	1	1				1			
1966										5	15	14	14	10	27	50	56	45	30	47	14	9	3	6	4	4	2	6	2				1			1
1967			2	1	1			3	3	10	8	8	46	50	55	47	58	43	29		1															
1968								4	2	21	37	26	11	56	88	25	35	4	3	10	13	6	9	8	8											
1969			1	2	1	1	3			11	3	3	9	15	16	75	68	64	44	11	14	3	4	9	1	3	1	3								
1970	12						10	3	12	15	23	31	18	23	18	15	56	91	17	2	3	1														
1971				12	5	44	12	37	8	14	27	12	27	60	47	50	7					2	1													
1972				1	9	8	9	6	11	19	32	31	71	84	31	21	5	6	1	2	4	5	1	1	3	2	1	1								1
1973				1	3	2	2	3	6	5	8		9	16	81	131	49	50	21	4	2	1	1													
1974																																				
1975								3	58	17	9	8	9	17	75	78	16	9	2	2	7	10	14	17	12	1	1									

UR Unknown effect of regulation or diversion.

LITTLE COLORADO RIVER BASIN

09390500 SHOW LOW CREEK NEAR LAKESIDE, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--Continued
 DISCHARGE, IN CUBIC FEET PER SECOND
 MEAN

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	26	8035	100.0	12	1.3	588	6099	75.9	24	89	79	216	2.6
1	0.01	0	8009	99.7	13	1.9	819	5511	68.6	25	130	59	137	1.7
2	0.02	3	8009	99.7	14	2.7	926	4692	58.4	26	180	47	78	.9
3	0.04	5	8006	99.6	15	3.8	1147	3766	46.9	27	260	13	31	.3
4	0.05	30	8001	99.6	16	5.4	1114	2619	32.6	28	360	11	18	.2
5	0.08	14	7971	99.2	17	7.7	581	1505	18.7	29	520	2	7	
6	0.10	132	7957	99.0	18	11.0	232	924	11.5	30	730	3	5	
7	0.20	186	7825	97.4	19	15.0	129	692	8.6	31	1000		2	
8	0.30	317	7639	95.1	20	22.0	97	563	7.0	32	1500		2	
9	0.50	334	7322	91.1	21	31.0	73	466	5.8	33	2100	2	2	
10	0.70	274	6988	87.0	22	44.0	99	393	4.9	34				
11	0.90	615	6714	83.6	23	63.0	78	294	3.7					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
 DISCHARGE, IN CUBIC FEET PER SECOND
 MEAN

YEAR	1	3	7	14	30	60	90	120	183
1954	0.00 1	0.03 3	0.07 6	0.16 6	0.24 7	0.40 7	0.56 7	0.80 6	5.20 14
1955	0.20 13	0.20 12	0.24 12	0.36 12	0.41 10	0.80 10	1.30 12	1.30 9	1.60 3
1956	0.20 14	0.20 13	0.24 13	0.28 10	0.32 8	0.33 6	0.40 1	0.62 3	1.60 4
1957	0.10 10	0.20 14	0.27 14	0.31 11	0.34 9	0.45 8	0.89 8	1.19 7	2.30 10
1958	0.10 11	0.10 9	0.10 7	0.12 5	0.20 6	0.28 5	0.43 3	0.52 1	7.20 17
1959	0.10 12	0.10 10	0.14 10	0.17 7	0.18 5	0.22 3	0.40 2	0.55 2	0.95 1
1960	0.50 19	0.70 21	0.93 22	0.96 21	1.40 19	1.80 18	2.10 18	2.10 15	2.20 9
1961	0.50 20	0.50 19	0.67 19	0.85 20	1.10 15	1.30 14	1.50 14	1.60 12	2.10 8
1962	0.30 15	0.33 15	0.54 17	0.74 18	0.80 13	1.10 12	1.40 13	1.50 11	10.00 20
1963	0.30 16	0.37 16	0.44 15	0.61 15	0.93 14	1.10 13	1.19 9	1.40 10	5.80 15
1964	0.04 6	0.04 6	0.06 4	0.08 4	0.15 3	0.17 1	0.51 6	1.19 8	1.90 7
1965	0.00 2	0.00 1	0.00 1	0.03 2	0.17 4	1.40 15	1.30 10	4.40 20	16.00 21
1966	0.30 17	0.43 17	0.57 18	0.63 16	1.70 21	2.30 20	4.00 21	4.10 19	5.10 13
1967	0.02 4	0.03 4	0.10 8	0.45 13	1.30 17	1.40 16	1.80 16	1.70 13	1.80 5
1968	0.60 21	0.60 20	0.73 20	0.99 22	1.30 18	1.50 17	1.80 17	2.70 16	8.10 18
1969	0.03 5	0.04 5	0.07 5	0.20 8	1.19 16	2.40 21	2.90 20	4.50 21	5.90 16
1970	0.00 3	0.00 2	0.00 2	0.01 1	0.10 2	0.28 4	0.44 4	0.74 5	1.90 6
1971	0.05 7	0.05 7	0.06 3	0.08 3	0.09 1	0.18 2	0.51 5	0.70 4	0.95 2
1972	0.09 9	0.11 11	0.14 11	0.21 9	0.46 11	0.89 11	1.60 15	2.10 14	2.40 11
1973	0.07 8	0.08 8	0.11 9	0.73 17	4.60 23	6.00 23	6.80 23	6.80 23	34.00 23
1974	1.40 23	1.50 23	1.50 23	1.80 23	2.50 22	3.00 22	4.10 22	5.00 22	5.10 12
1975	0.40 18	0.47 18	0.50 16	0.50 14	0.50 12	0.58 9	1.30 11	2.70 17	16.00 22

LITTLE COLORADO RIVER BASIN

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09390500 SHOW LOW CREEK NEAR LAKESIDE, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1954	884.0 4	374.0 6	225.0 6	120.0 9	61.0 10	32.0 11	23.0 11	19.0 11	14.0 11
1955	59.0 13	36.0 14	30.0 12	19.0 13	12.0 14	8.6 15	6.9 14	6.8 14	5.7 14
1956	45.0 16	21.0 17	13.0 17	11.0 17	8.5 16	6.1 22	5.7 20	5.1 20	4.5 19
1957	32.0 17	30.0 15	22.0 15	12.0 15	8.1 17	6.3 20	5.4 21	5.1 21	4.5 20
1958	402.0 7	253.0 8	151.0 10	98.0 11	67.0 9	38.0 9	26.0 10	21.0 10	16.0 10
1959	18.0 20	13.0 21	12.0 20	12.0 16	10.0 15	8.7 14	6.6 15	5.3 17	4.3 21
1960	328.0 8	271.0 7	219.0 7	140.0 7	93.0 8	48.0 8	46.0 8	37.0 8	31.0 8
1961	18.0 21	14.0 20	11.0 21	8.2 20	7.6 20	6.7 18	5.8 18	4.9 22	4.6 17
1962	690.0 5	503.0 3	377.0 3	211.0 4	125.0 5	102.0 2	72.0 3	54.0 3	38.0 3
1963	46.0 15	43.0 12	30.0 13	24.0 12	19.0 12	15.0 12	11.0 12	9.5 12	8.7 12
1964	23.0 18	20.0 18	13.0 18	8.1 21	6.6 21	6.3 19	5.4 22	5.2 19	4.0 22
1965	924.0 3	480.0 5	230.0 5	133.0 8	97.0 7	71.0 7	50.0 7	53.0 4	37.0 4
1966	2140.0 1	1030.0 1	474.0 2	247.0 3	134.0 4	72.0 6	74.0 2	60.0 2	41.0 2
1967	17.0 22	10.0 22	9.1 22	8.6 19	8.1 18	7.1 16	5.7 19	5.3 18	4.5 18
1968	236.0 10	223.0 9	216.0 8	170.0 5	146.0 2	94.0 4	66.0 5	51.0 6	37.0 5
1969	227.0 11	209.0 10	167.0 9	105.0 10	59.0 11	36.0 10	27.0 9	22.0 9	17.0 9
1970	23.0 19	19.0 19	12.0 19	6.9 22	6.5 22	6.1 21	5.9 17	5.7 15	4.9 15
1971	61.0 12	25.0 16	14.0 16	9.5 18	7.7 19	6.9 17	6.2 16	5.6 16	4.8 16
1972	2100.0 2	1030.0 2	554.0 1	272.0 1	141.0 3	74.0 5	65.0 6	50.0 7	33.0 7
1973	518.0 6	483.0 4	374.0 4	262.0 2	213.0 1	163.0 1	135.0 1	107.0 1	75.0 1
1974	53.0 14	40.0 13	24.0 14	17.0 14	12.0 13	11.0 13	9.4 13	7.9 13	7.3 13
1975	260.0 9	188.0 11	150.0 11	143.0 6	114.0 6	97.0 3	67.0 4	52.0 5	36.0 6

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
5.48	3.84	14.0	7.69	18.3	35.7	21.3	7.58	5.94	5.42	4.67	4.27
101	58.6	1295	199	961	1514	1976	199	3.27	4.33	4.08	3.31
10.0	7.65	36.0	14.1	31.0	38.9	44.5	14.1	1.81	2.08	2.02	1.82
4.25	4.34	3.01	2.92	2.51	0.63	3.36	4.71	0.73	0.19	1.16	0.00
1.83	1.99	2.57	1.83	1.70	1.09	2.09	1.86	0.30	0.38	0.43	0.43
4.09	2.86	10.4	5.73	13.6	26.6	15.9	5.65	4.43	4.04	3.48	3.18

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
11.1	99.3	9.96	1.44	0.89	-0.040

LITTLE COLORADO RIVER BASIN

09393500 SILVER CREEK NEAR SNOWFLAKE, AZ

LOCATION.--Lat 34°40'00", long 110°02'30", in SW¼NW¼ sec.29, T.15 N., R.22 E., Navajo County, Hydrologic Unit 15020005, on left bank 6 mi (10 km) upstream from mouth and 11 mi (18 km) north of Snowflake.

DRAINAGE AREA.--886 mi² (2,295 km²).

REMARKS.--Records good. Diversions for irrigation above station of about 6,600 acres (26.7 km²). Flow regulated by several reservoirs--combined capacity, about 13,700 acre-ft (16.9 km³), excluding Lone Pine Reservoir, but including 6,176 acre-ft (7.62 km³) in Show Low Lake.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1920	25000	12-05-19	HU		1951	8280
1929	10500	07-21-29	UR		1952	45100
1930	3000	08-11-30	UR		1953	6110
1931	2850	09-06-31	UR		1954	10400
1932	9900	02-09-32	UR		1955	11600
1933	4600	09-10-33	UR		1956	4160
1934	2000	- -	ES UR		1957	4400
1935	2820	09-27-35	UR		1958	11700
1936	4300	07-25-36	UR		1959	3550
1937	4300	02-07-37	UR		1960	23600
1938	3100	08-08-38	UR		1961	2610
1939	1460	08-29-39	UR		1962	10400
1940	11000	07-26-40	UR		1963	7650
1941	3700	03-15-41	UR		1964	11300
1942	932	10-03-41	UR		1965	6060
1943	3120	08-31-43	UR		1966	19500
1944	416	08-25-44	UR		1967	7930
1945	3230	08-11-45	UR		1968	15600
1946	1680	09-19-46	UR		1969	10200
1949	2900	01-13-49	UR		1970	5620
1950	1160	07-07-50	UR		1971	14900
1951	3780	08-28-51	UR	10.5	1972	16000
1952	10100	01-19-52	UR	18.0	1973	42400
1953	1060	07-16-53	UR	5.90	1974	2250
1954	7670	09-02-54	UR	15.30	1975	7040
1955	4980	08-06-55	UR	12.10		
1956	3620	06-29-56	UR	10.30		
1957	1910	08-05-57	UR	7.72		
1958	4340	09-08-58	UR	11.25		
1959	630	07-05-59	UR	4.97		
1960	2120	12-25-59	UR	8.04		
1961	1300	08-17-61	UR	6.55		
1962	1030	02-13-62	UR	5.77		
1963	5860	08-21-63	UR	13.25		
1964	6090	07-31-64	UR	13.50		
1965	1260	01-08-65	UR	6.37		
1966	6800	12-30-65	UR	14.29		
1967	4070	07-29-67	UR	11.07		
1968	3890	08-05-68	UR	10.70		
1969	3150	07-24-69	UR	9.76		
1970	1690	09-06-70	UR	7.38		
1971	4470	09-30-71	UR	11.61		
1972	4780	12-26-71	UR	12.00		
1973	3260	10-20-72	UR	9.82		
1974	558	09-22-74	UR	4.76		
1975	990	10-29-74	UR	5.8		

UR Unknown effect of regulation or diversion.
ES Discharge estimated from another site.

LITTLE COLORADO RIVER BASIN

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09393500 SILVER CREEK NEAR SNOWFLAKE, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34			
	NUMBER OF DAYS IN CLASS																																					
1951								10	54	69	73	98	21	11	7	6	1	2	2	1	1	3	2	2										1		1		
1952								18	26	19	33	31	37	29	44	34	15	5	11	16	10	6	7	13	2	1	1	1	5									
1953								1	12	46	43	51	44	41	50	38	12	6	2	1	6	5	1	2	3	1											1	1
1954								3	19	34	51	41	67	73	37	5	4	4	6	1	2	2	3	5	3	1	2		1	1								
1955					1	11	11	11	39	34	81	70	34	18	8	3	4	9	3	5	1	6	1	3	3	2	5	1										
1956						2	5	9	45	47	73	83	36	31	20	2	2	2	1			2	1		2		2	1										
1957					4	4	3	13	56	70	63	68	29	14	5	8	4	3	3	7	4	2		3		1	1											
1958						1	12	26	33	44	38	58	63	11	9	10	9	8	11	10	4	6	4	1	3	2	1	1										
1959					1	18	16	13	16	64	46	57	35	14	21	10	10	11	9	8	6	3	6	1														
1960								1		8	30	66	53	38	10	31	37	23	14	17	4	3	5	7	5	5		4	3	1	1							
1961								7	20	39	82	77	85	33	5	5	3	4	1	1		1		1	1													
1962					1		6	8	15	20	38	54	70	70	19	10	5	7	9	7	7	7	3	1	2	1	3	1	1									
1963					2	1		4	14	44	42	49	59	33	66	16	2	3	7	5	4	3		1	3	3	2	1										
1964					6	8	5	20	17	54	39	52	62	29	21	11	5	9	5	5	1	2	2	1	4	1	2	2		1	2							
1965					11	10	7	9	9	10	18	46	45	81	56	22	17	7	1	2	5	3	2	2	1													
1966									11	8	22	61	64	39	24	20	11	25	22	6	29	3	11	1	3	1	2											
1967					3	6	16	18	30	20	32	41	41	69	26	20	12	6	4	7	2	3	2	2	1	2		1	1									
1968					2	3	2	5	11	19	22	43	68	74	28	14	13	10	3	6	5	6	11	7	6	2	4	1	1									
1969					4	6	5	2	8	9	19	52	59	48	47	38	12	12	13	7	2	5	4	2	3	2	3											
1970								13	27	18	10	22	37	73	88	47	12	6	3	2	2	1		1		3												
1971	30	3			6	9	23	8	27	42	27	26	43	37	28	9	15	7	1	3	4	2	6	2	2	1	1	1										
1972					5	2	6	2	7	9	14	11	48	45	60	71	13	12	9	14	12	8	3	4	1	4	2		2									
1973													5	7	47	74	41	16	12	18	37	15	15	16	10	24	11	10	5	1								
1974	22				11	8	18	12	21	49	80	30	48	17	14	10	6	9	3	2	2	1		2														
1975	1				4	2	2	2	14	23	31	31	75	55	41	22	13	5	13	6	3	5	7	4	3	1	1	1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	53	9131	100.0	12	2.7	1068	4671	51.2	24	140	91	220	2.4
1	0.06	3	9078	99.4	13	3.7	1110	3603	39.5	25	200	47	139	1.5
2	0.09	0	9075	99.4	14	5.2	684	2493	27.3	26	280	39	92	1.0
3	0.10	39	9075	99.4	15	7.3	401	1809	19.8	27	390	18	53	.5
4	0.20	76	9036	99.0	16	10.0	265	1408	15.4	28	550	12	35	.3
5	0.30	111	8960	98.1	17	14.0	210	1143	12.5	29	760	15	23	.2
6	0.40	114	8849	96.9	18	20.0	155	933	10.2	30	1100	1	8	
7	0.50	244	8735	95.7	19	27.0	156	778	8.5	31	1500	2	7	
8	0.70	686	8491	93.0	20	38.0	140	622	6.8	32	2100	2	5	
9	1.00	799	7805	85.5	21	53.0	103	482	5.3	33	2900	1	3	
10	1.40	1009	7006	76.7	22	74.0	84	379	4.2	34	4000	2	2	
11	1.90	1326	5997	65.7	23	100.0	75	295	3.2					

LITTLE COLORADO RIVER BASIN

09393500 SILVER CREEK NEAR SNOWFLAKE, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1951	0.50 19	0.50 19	0.60 17	0.66 15	0.75 12	0.90 8	0.99 7	1.19 5	1.50 7
1952	0.70 25	0.80 24	0.96 24	1.10 24	1.10 17	1.40 14	3.20 25	13.00 26	24.00 25
1953	0.50 20	0.63 21	0.77 21	0.96 22	1.19 19	1.50 15	1.70 14	2.20 14	6.80 20
1954	0.50 21	0.73 23	0.79 22	1.10 23	1.30 22	1.70 18	2.10 16	3.40 22	6.80 21
1955	0.20 10	0.27 13	0.36 11	0.43 11	0.48 5	0.77 5	1.19 8	1.30 6	1.40 5
1956	0.30 16	0.33 14	0.49 14	0.53 12	0.79 14	1.50 16	1.50 12	1.90 12	2.40 10
1957	0.20 11	0.20 10	0.24 9	0.36 9	0.68 11	1.10 10	1.30 10	1.50 9	2.10 9
1958	0.40 17	0.47 17	0.60 18	0.67 16	0.77 13	1.30 12	2.10 17	2.40 15	6.70 18
1959	0.10 5	0.17 8	0.21 8	0.24 5	0.50 7	0.87 7	0.95 5	1.00 3	1.10 2
1960	0.60 23	1.19 25	1.30 25	1.80 25	2.00 25	2.60 25	2.80 24	3.00 19	3.80 14
1961	0.50 18	0.50 18	0.57 16	0.94 21	1.19 20	1.40 13	1.40 11	1.70 11	2.00 8
1962	0.20 12	0.33 15	0.44 13	0.59 13	1.50 23	2.40 24	2.50 19	2.50 16	3.60 12
1963	0.10 6	0.27 11	0.39 12	0.69 17	0.86 15	0.96 9	1.19 9	1.30 7	1.40 6
1964	0.10 7	0.10 5	0.14 4	0.23 4	0.49 6	0.62 3	0.79 2	1.00 4	1.19 3
1965	0.20 13	0.20 9	0.20 7	0.26 6	0.32 4	1.70 19	2.60 22	6.20 24	6.70 19
1966	0.70 24	0.70 22	0.87 23	0.92 20	1.70 24	2.20 23	2.70 23	3.40 23	9.50 23
1967	0.20 14	0.27 12	0.33 10	0.39 10	0.55 9	0.70 4	0.89 4	1.50 10	2.60 11
1968	0.23 15	0.33 16	0.67 20	0.84 19	1.10 18	1.80 20	2.50 20	2.80 18	20.00 24
1969	0.13 9	0.16 7	0.19 6	0.29 7	0.51 8	2.00 22	2.40 18	3.20 21	4.20 16
1970	0.57 22	0.57 20	0.65 19	0.66 14	0.87 16	1.50 17	2.60 21	3.10 20	3.70 13
1971	0.00 1	0.00 1	0.00 1	0.00 1	0.08 1	0.23 1	0.37 1	0.67 1	0.90 1
1972	0.10 8	0.14 6	0.18 5	0.30 8	0.67 10	1.19 11	1.70 13	2.60 17	3.90 15
1973	2.00 26	2.70 26	3.70 26	4.20 26	5.30 26	5.80 26	5.80 26	10.00 25	54.00 26
1974	0.00 2	0.00 2	0.00 2	0.01 2	0.17 3	0.40 2	0.85 3	0.90 2	1.40 4
1975	0.00 3	0.09 4	0.51 15	0.79 18	1.30 21	1.80 21	1.90 15	2.20 13	4.30 17

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1951	2220.0 4	981.0 5	436.0 6	207.0 7	111.0 10	61.0 11	41.0 11	31.0 13	21.0 14
1952	5890.0 1	3420.0 1	1660.0 1	895.0 1	506.0 1	258.0 1	197.0 1	154.0 1	104.0 1
1953	200.0 22	150.0 21	94.0 20	50.0 19	33.0 20	21.0 21	14.0 21	12.0 22	12.0 18
1954	945.0 9	368.0 12	242.0 12	116.0 15	64.0 16	53.0 14	41.0 12	31.0 14	25.0 11
1955	881.0 10	478.0 9	280.0 10	179.0 10	123.0 8	79.0 7	59.0 7	45.0 7	30.0 8
1956	355.0 19	162.0 20	70.0 21	34.0 22	31.0 21	24.0 19	17.0 20	13.0 21	9.4 22
1957	320.0 20	209.0 18	98.0 18	56.0 18	46.0 18	27.0 18	18.0 18	14.0 18	9.9 21
1958	648.0 15	365.0 13	207.0 14	108.0 16	78.0 15	58.0 13	40.0 13	32.0 11	23.0 12
1959	78.0 25	52.0 26	33.0 24	25.0 23	17.0 23	11.0 23	10.0 23	7.9 23	5.5 23
1960	1180.0 7	687.0 8	353.0 8	206.0 8	165.0 5	93.0 5	95.0 3	76.0 3	61.0 13
1961	150.0 23	93.0 23	42.0 23	23.0 24	15.0 24	9.6 24	7.1 25	6.2 25	4.7 24
1962	560.0 16	471.0 18	348.0 9	192.0 9	116.0 9	72.0 9	49.0 9	38.0 9	26.0 10
1963	820.0 11	403.0 11	223.0 13	151.0 12	97.0 12	51.0 15	35.0 15	26.0 16	18.0 15
1964	1050.0 8	913.0 6	478.0 5	243.0 6	136.0 7	86.0 6	58.0 8	44.0 8	29.0 9
1965	546.0 17	213.0 17	97.0 19	48.0 20	26.0 22	16.0 22	13.0 22	14.0 19	10.0 19
1966	2820.0 3	1380.0 3	646.0 3	342.0 2	194.0 3	109.0 4	84.0 4	67.0 4	45.0 4
1967	650.0 14	318.0 15	191.0 16	135.0 14	82.0 14	49.0 16	34.0 16	27.0 15	18.0 16
1968	714.0 13	291.0 14	206.0 15	152.0 11	104.0 11	63.0 10	44.0 10	34.0 10	39.0 5
1969	767.0 12	343.0 14	268.0 11	143.0 13	94.0 13	59.0 12	40.0 14	31.0 12	21.0 13
1970	277.0 21	134.0 22	61.0 22	48.0 21	35.0 19	22.0 20	18.0 19	14.0 20	10.0 20
1971	4000.0 2	1670.0 2	715.0 2	334.0 3	173.0 4	113.0 3	77.0 5	58.0 5	38.0 6
1972	1770.0 5	1080.0 4	541.0 4	271.0 5	147.0 5	78.0 8	68.0 6	57.0 6	38.0 7
1973	1620.0 6	765.0 7	376.0 7	299.0 4	273.0 2	203.0 2	162.0 2	131.0 2	95.0 2
1974	145.0 24	63.0 24	32.0 25	19.0 25	13.0 25	9.5 25	8.4 24	6.5 24	4.7 25
1975	357.0 18	164.0 19	102.0 17	85.0 17	49.0 17	27.0 17	20.0 17	16.0 17	13.0 17

LITTLE COLORADO RIVER BASIN

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09393500 SILVER CREEK NEAR SNOWFLAKE, AZ--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
13.6	6.25	19.2	29.6	13.4	22.1	12.1	5.77	5.28	18.0	34.8	23.1
482	156	1603	8402	752	1661	1760	187	44.5	341	1100	1393
21.9	12.5	40.0	91.7	27.4	40.8	41.9	13.7	6.67	18.5	33.2	37.3
2.52	4.48	2.63	4.60	2.95	3.18	4.88	4.82	2.25	1.38	1.36	3.03
1.62	2.00	2.98	3.10	2.05	1.84	3.46	2.37	1.26	1.02	0.95	1.62
6.68	3.07	9.47	14.5	6.58	10.9	5.97	2.84	2.60	8.88	17.1	11.3

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
17.0	223	14.9	2.12	0.88	-0.231

LITTLE COLORADO RIVER BASIN

09394500 LITTLE COLORADO RIVER AT WOODRUFF, AZ

LOCATION.--Lat 34°46'58", long 110°02'37", in NE¼ sec.17, T.16 N., R.22 E., Navajo County, Hydrologic Unit 15020002, on left bank at county road bridge in Woodruff, 3.7 mi (6.0 km) downstream from Silver Creek.

DRAINAGE AREA.--8,100 mi² (21,000 km²), approximately.

REMARKS.--Records fair. Diversions above station for irrigation of about 22,000 acres (89.0 km²) including a pump installation 1,000 ft (305 m) upstream installed in spring of 1973. Some regulation by reservoirs above station; combined capacity, about 73,000 acre-ft (90.0 km³), excluding Lone Pine Reservoir.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1917	2800	04-18-17				1930	42600
1919	4600	07-19-19	HP			1931	64100
1920	25000	12-05-19	HP	1916		1932	117000
1929	10700	07-21-29	UR			1933	51600
1930	8000	08-11-30	UR			1936	42700
1931	7750	08-07-31	UR			1937	46100
1932	10200	02-10-32	UR			1938	15100
1933	8300	09-11-33	UR			1939	10400
1934	2500	- -34	ES UR			1940	46100
1935	5400	09-28-35	UR			1941	115000
1936	8300	09-25-36	UR			1942	14600
1937	5640	02-07-37	UR			1943	20200
1938	2960	08-08-38	UR			1944	14800
1939	1180	08-06-39	UR			1945	35900
1940	13000	07-26-40	HU			1946	49800
1941	6050	03-15-41	UR			1947	30100
1942	1670	10-03-41	UR			1948	30800
1943	3590	08-31-43	UR			1949	53700
1944	1140	09-28-44	UR			1950	7900
1945	4690	07-23-45	UR			1951	21800
1946	3880	09-19-46	UR			1952	56100
1947	4560	08-29-47	UR			1953	13200
1948	4560	10-14-47	UR			1954	25100
1949	7540	08-08-49	UR			1955	70400
1950	2050	07-19-50	UR		9.85	1956	9940
1951	6290	08-28-51	UR		19.75	1957	30900
1952	10200	01-19-52	UR		21.9	1958	32100
1953	2770	07-29-53	UR		11.32	1959	9870
1954	5230	09-02-54	UR		14.9	1960	42000
1955	6630	08-06-55	UR		17.2	1961	6960
1956	2250	06-30-56	UR		10.20	1962	14500
1957	4100	08-06-57	UR		13.95	1963	25000
1958	3950	08-22-58	UR		13.90	1964	33200
1959	566	08-19-59	UR		7.15	1965	20300
1960	4750	10-30-59	UR		14.68	1966	34800
1961	1420	08-17-61	UR		8.90	1967	45500
1962	996	02-13-62	UR		7.91	1968	36200
1963	6330	08-22-63	UR		16.94	1969	32700
1964	4750	07-31-64	UR		17.48	1970	13500
1965	3390	09-04-65	UR		14.73	1971	39600
1966	5320	12-30-65	UR		18.50	1972	31000
1967	4540	07-24-67	UR		17.28	1973	109000
1968	3990	07-25-68	UR		16.18	1974	9930
1969	3270	07-24-69	UR		14.44	1975	22900
1970	3070	09-06-70	UR		14.09		
1971	7220	09-30-71	UR		22.50		
1972	3700	12-27-71	UR		15.90		
1973	4870	10-20-72	UR		17.18		
1974	2020	09-22-74	UR		12.20		
1975	2800	10-29-74	UR		14.17		

HP Isolated historic peak; not part of systematic record.

UR Unknown effect of regulation or diversion.

ES Discharge estimated from another site.

HU Historic peak; effect of regulation unknown.

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DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1930	41							24		11		26	1	8	17	48	49	20	25	18	10		7	4	5	9	7	2					1			
1931	19						29		13		31	15	20	22	24	38	24	30	15	20	12		9	8	7	12	8	4	2		1	2				
1932	14						32		4		3		7	15	25	24	62	33	9	14	20	10	23	21	21	12	6	7	1		1	1				
1933	14	14	8	2	5	9	6		11		15	3	13	12	14	83	51	25	9	13	16	8	3	16	4	5	2		3							
1936	1	1	6	1	4	16	17		11		22	3	8	7	67	32	65	25	13	17	8	9	13	4	7	4	3	1		1						
1937	1					4	30		29		26	18	31	38	52	25	10	4	17	16	18	9	16	7	3	5	1	3	1	1						
1938	54	3	4	4	3	3	22		23		50	29	70	35	21	3	7	6	9	4	4	2	2	1	2	2	1	1								
1939	69	13	3	1	1	5	11		15		44	17	44	58	28	16	4	6	13	4	5	4	1	2	1											
1940	69	4	4	3	4	6	10		16		47	19	46	35	28	3	11	4	6	9	6	4	9	5	6	4	3	4							1	
1941							16		2		15	12	6	18	37	26	36	27	20	23	18	17	22	20	15	18	8	2	3	2	1	1				
1942	37	10	4	5	22	24	13		4		9	9	17	23	83	36	25	9	12	8	8	3	1	1	1	1										
1943	38					21	18		21		58	21	75	24	20	12	9	8	5	6	6	5	7	4	4	2	1									
1944	24	4	2	2	2	18	28		8		39	18	44	60	41	28	13	8	3	3	1	9	6	2	1	2										
1945	40	3		2	8	15	10		10		24	20	66	68	28	4	8	6	9	5	7	7	4	8	3	3	2	3	1	1						
1946	93		1		1	3			2	2	22	23	30	57	26	14	14	15	7	7	5	9	8	7	6	5	1	3	2	1	1					
1947	4	8	2	4	9	33	9	19	14	17	7	7	27	55	60	26	9	11	8	5	4	7	8	4	2	3	1									
1948	1	1	1	1	1	19	22	19	27	19	8	15	18	29	52	47	20	18	19	8	10	7	7	10	9	4	3	2	1	1	2	1	1			
1949						1	6	7	14	35	50	30	30	27	29	21	33	17	8	10	7	7	10	9	4	3	2	1	1	1	1	1	1			
1950	9	9	12	4	12	30	22	9	17	13	18	30	60	33	54	14	8	2	3	2		1	1		1											
1951	50	8	15	9	8	11	31	16	16	4	17	68	77	3	10	4	2	2	1	1	2	2	3	2	1							1	1			
1952	7	4	1		4	5	6	11	17	25	38	31	21	8	45	32	19	9	24	11	14	14	6	4		1	3	1	2	1	1				1	
1953	32	4	8	3	3	16	18	5	14	19	39	19	31	37	31	14	32	8	13	6	4	1	2	4	2											
1954	34	14	6	5	6	11	15	20	22	8	27	31	60	46	5	15	7	6	5	7	7	2	3	3	1	5	1	1	2							
1955	56		3	6	3	13	3	5	6	8	18	83	73	18	10	3	6	6		4	5	1	4	2	3	8	8	6	3	1						
1956	79	7	4	11	8	5	16	13	9	29	20	9	56	33	14	18	4	6	3	9	6		5		1	1										
1957	55	8	6	2	4	6	5	4	15	34	23	66	65	7	10	4	1	6	8	7	2	3	4	8	1	5	3	1	1	1						
1958		4	10	5	5	11	5	8	15	20	11	20	35	53	49	35	8	6	9	12	13	5	6	4	3	5		2		1						
1959	13	22	9	9	4	8	5	3	3	6	19	63	63	51	30	15	9	5	8	9	4	4	3													
1960			3	6	2	9	8	11	3	4	30	55	44	13	34	52	18	10	16	9	11	5	8	3	3	2	3	1		2		1				
1961									4	7	21	154	117	27	10	4	3	4	7	2	3	1		1												
1962								5	19	59	93	74	31	24	11	8	8	8	9	5	3	3	1	1	3											
1963								3	10	26	18	44	72	88	16	23	12	11	12	4	6	2	3	3	3	4	1	1	2				1			
1964										1	89	127	50	15	9	13	12	8	8	4	3	4	4	6	3	4	3	1	1	1	1					
1965										3	38	39	65	60	73	29	17	6	6	6	8	4	4	2	1	2	1	1	1							
1966											28	61	51	41	26	30	27	27	21	18	10	6	4	5	5	1	1	1	1	1	1					
1967											13	86	119	53	4	1	3	6	8	24	10	8	3	10	2	6	3	4	1	1	1					
1968											28	47	94	63	35	18	8	11	9	4	9	15	10	7	1	1										
1969								4			20	119	93	36	21	9	10	8	5	8	9	6	2	3	4	4				3	1					
1970								12	12	44	51	98	115	12	1	4	2	1	4	2	2	2	1	1	1	1										
1971					4		4	14	12	33	69	89	58	25	12	6	6	3	3	1		3	2	4	4	3	4				1	1			1	
1972										12	10	28	56	57	48	45	24	24	11	10	9	9	4	7	3	2	3			1	1					
1973						5	4			10	3	9	13	14	18	52	27	45	22	14	12	8	6	5	23	39	26									
1974	13	1		2	1	7	6	5	25	28	119	64	23	30	15	6	9	2		1		1	3	2	1											
1975						1	2			6	13	48	111	68	24	16	15	11	5	10	6	12	2	6	3	3	1				1	1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	899	16437	100.0	12	5.7	2203	9636	58.6	24	320	184	574	3.4
1	0.10	144	15538	94.5	13	7.9	1515	7433	45.2	25	450	162	390	2.3
2	0.20	114	15394	93.7	14	11.0	1366	5918	36.0	26	630	79	228	1.3
3	0.30	92	15260	93.0	15	16.0	883	4552	27.7	27	880	62	149	.9
4	0.40	121	15188	92.4	16	22.0	769	3669	22.3	28	1200	35	87	.5
5	0.50	315	15067	91.7	17	31.0	480	2900	17.6	29	1700	28	52	.3
6	0.60	472	14752	89.7	18	43.0	415	2420	14.7	30	2400	15	24	.1
7	1.10	183	14280	86.9	19	60.0	388	2005	12.2	31	3400	5	9	
8	1.50	510	14097	85.8	20	84.0	319	1617	9.8	32	4800	3	4	
9	2.10	505	13587	82.7	21	120.0	241	1298	7.9	33	6700	1	1	
10	2.90	1514	13082	79.6	22	160.0	253	1057	6.4	34				
11	4.10	1932	11568	70.4	23	230.0	230	804	4.9					

LITTLE COLORADO RIVER BASIN

09394500 LITTLE COLORADO RIVER AT WOODRUFF, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1930	0.00 1	0.00 1	0.00 1	0.00 1	0.17 15	0.95 14	1.50 12	18.00 41	29.00 38
1931	0.00 2	0.00 2	0.00 2	0.00 2	0.43 19	7.70 43	9.20 42	13.00 37	25.00 36
1932	0.00 3	0.00 3	0.00 3	0.00 3	0.57 27	1.00 23	5.30 39	26.00 44	33.00 44
1933	0.00 4	0.00 4	0.03 22	0.06 20	0.15 13	2.10 20	6.30 35	19.00 42	28.00 37
1936	0.00 5	0.10 25	0.19 25	0.30 24	0.52 20	7.90 44	7.50 39	14.00 38	21.00 35
1937	0.00 6	0.53 30	1.00 31	1.19 30	2.80 32	3.40 27	11.00 43	16.00 40	36.00 40
1938	0.00 7	0.00 5	0.00 4	0.00 3	0.03 8	0.23 5	2.00 13	3.90 14	13.00 29
1939	0.00 8	0.00 6	0.00 5	0.00 4	0.00 1	0.35 9	4.40 25	5.90 25	13.00 30
1940	0.00 9	0.00 7	0.00 6	0.00 5	0.00 2	0.08 2	0.93 9	2.00 6	5.50 11
1941	0.80 33	0.83 32	0.93 30	1.30 31	3.70 37	21.00 45	34.00 45	41.00 45	134.00 44
1942	0.00 10	0.00 8	0.00 7	0.00 6	0.11 10	0.28 8	0.75 7	5.90 26	10.00 26
1943	0.00 11	0.00 9	0.00 8	0.04 19	0.15 11	0.41 10	0.82 8	2.40 8	7.10 16
1944	0.00 12	0.00 10	0.00 9	0.02 17	0.32 17	0.92 13	3.20 21	5.20 20	9.40 23
1945	0.00 13	0.00 11	0.00 10	0.00 7	0.19 16	0.24 7	1.10 10	4.90 18	15.00 32
1946	0.00 14	0.00 12	0.00 11	0.00 8	0.00 3	0.00 1	0.00 1	1.10 1	6.60 14
1947	0.00 15	0.00 13	0.07 24	0.32 25	0.54 21	1.70 19	2.30 14	2.30 7	5.10 9
1948	0.00 16	0.17 27	0.54 28	0.69 28	1.00 24	2.60 23	2.50 15	11.00 36	17.00 33
1949	0.60 31	0.80 31	1.19 32	1.40 32	3.00 33	3.90 31	5.60 28	10.00 34	39.00 41
1950	0.00 17	0.00 14	0.06 23	0.07 21	0.33 18	0.50 12	0.59 5	1.60 4	4.20 5
1951	0.00 18	0.00 15	0.00 12	0.00 9	0.00 4	0.23 6	0.25 3	1.10 2	2.70 1
1952	0.00 19	0.00 16	0.01 21	0.12 22	1.90 29	3.00 26	7.10 38	25.00 43	33.00 39
1953	0.00 20	0.00 17	0.00 13	0.00 10	0.16 14	1.50 17	2.60 16	3.90 15	9.90 24
1954	0.00 21	0.00 18	0.00 14	0.00 11	0.01 7	0.44 11	0.64 6	5.10 19	8.20 18
1955	0.00 22	0.00 19	0.00 15	0.00 12	0.09 9	1.00 15	1.19 11	2.60 9	3.70 3
1956	0.00 23	0.00 20	0.00 16	0.00 13	0.00 5	0.15 3	0.22 2	1.70 5	13.00 31
1957	0.00 24	0.00 21	0.00 17	0.00 14	0.00 6	0.18 4	0.33 4	1.30 3	4.40 6
1958	0.10 28	0.13 26	0.26 26	0.29 23	0.59 22	1.50 18	6.70 37	8.20 31	11.00 27
1959	0.00 25	0.00 22	0.00 18	0.04 18	1.50 26	2.90 25	3.50 22	4.20 16	6.00 12
1960	0.20 29	0.20 28	0.30 27	0.41 26	2.30 30	3.80 30	4.50 26	5.80 24	8.60 20
1961	1.70 39	2.00 39	2.40 37	3.30 40	3.80 38	4.70 35	5.20 27	5.50 21	5.50 10
1962	1.50 37	1.70 37	2.40 38	3.00 37	3.50 34	4.60 34	5.70 29	5.70 23	7.70 17
1963	1.00 35	1.19 34	1.30 33	1.60 33	1.80 27	2.20 21	2.70 17	3.10 12	5.00 8
1964	2.70 42	3.00 42	3.00 41	3.20 38	3.50 35	3.70 29	4.30 24	4.30 17	4.60 7
1965	2.20 40	2.60 40	2.90 40	3.40 41	4.10 41	5.80 41	8.00 40	11.00 35	12.00 28
1966	3.00 43	3.20 43	3.40 42	3.40 42	3.90 39	4.30 33	6.60 36	7.70 30	18.00 34
1967	3.70 45	3.80 45	3.90 44	4.00 44	4.30 43	4.80 36	5.70 30	6.10 28	6.30 13
1968	3.20 44	3.60 44	4.00 45	4.10 45	4.70 44	5.70 40	5.90 32	8.80 33	46.00 42
1969	2.20 41	2.80 41	3.50 43	3.60 43	4.70 45	4.80 37	6.00 33	8.70 32	10.00 25
1970	1.50 36	1.50 35	1.80 35	2.70 36	3.90 40	5.30 38	6.20 34	6.80 29	7.10 15
1971	0.39 30	0.47 29	0.63 29	1.00 29	1.80 28	2.60 24	2.70 18	2.90 11	3.00 2
1972	1.70 38	1.70 38	1.80 36	1.90 34	2.60 31	3.60 28	4.20 23	5.50 22	8.70 21
1973	0.86 34	1.00 33	1.30 34	2.20 35	4.20 42	7.30 42	8.40 41	14.00 39	144.00 45
1974	0.00 26	0.00 23	0.00 19	0.01 16	1.10 25	2.30 22	2.80 19	2.80 10	4.10 4
1975	0.70 32	1.50 36	2.80 39	3.20 39	3.50 36	4.00 32	5.70 31	6.00 27	8.30 19

LITTLE COLORADO RIVER BASIN

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09394500 LITTLE COLORADO RIVER AT WOODRUFF, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1930	2500.0 15	1310.0 15	801.0 16	526.0 14	352.0 15	212.0 18	143.0 19	107.0 19	91.0 17
1931	2950.0 12	2090.0 8	1220.0 6	923.0 5	569.0 4	382.0 5	286.0 5	217.0 5	147.0 5
1932	5570.0 3	4290.0 1	2440.0 1	1350.0 1	949.0 2	615.0 1	464.0 1	357.0 1	250.0 2
1933	2980.0 11	1910.0 12	995.0 10	521.0 15	272.0 23	257.0 13	209.0 9	160.0 10	106.0 13
1936	1780.0 30	847.0 31	447.0 30	363.0 26	284.0 20	233.0 17	175.0 15	132.0 15	93.0 15
1937	1940.0 25	1250.0 17	705.0 19	449.0 19	283.0 21	260.0 12	200.0 12	152.0 12	108.0 12
1938	1160.0 33	487.0 36	237.0 38	143.0 38	104.0 35	70.0 35	51.0 35	38.0 35	28.0 36
1939	338.0 42	165.0 42	95.0 42	69.0 43	49.0 43	32.0 43	25.0 43	21.0 41	21.0 40
1940	5270.0 4	2080.0 9	970.0 11	488.0 17	367.0 12	326.0 6	239.0 7	180.0 7	119.0 8
1941	4420.0 7	3110.0 4	1860.0 2	1130.0 3	775.0 3	562.0 2	425.0 3	342.0 3	262.0 1
1942	887.0 36	555.0 34	305.0 35	178.0 35	104.0 36	59.0 37	44.0 36	36.0 36	30.0 34
1943	1000.0 35	391.0 38	298.0 36	181.0 34	165.0 30	107.0 29	82.0 30	61.0 30	41.0 30
1944	554.0 39	478.0 37	254.0 37	145.0 37	83.0 38	49.0 38	38.0 38	31.0 38	24.0 37
1945	2040.0 22	1190.0 20	862.0 14	551.0 12	433.0 9	238.0 14	161.0 17	121.0 17	91.0 16
1946	3000.0 10	1830.0 13	904.0 13	575.0 10	391.0 11	325.0 7	256.0 6	192.0 6	126.0 6
1947	1850.0 28	1020.0 27	631.0 25	378.0 24	361.0 13	204.0 19	142.0 20	106.0 20	71.0 22
1948	2830.0 13	1950.0 11	969.0 12	468.0 18	239.0 26	127.0 27	89.0 28	70.0 29	59.0 26
1949	4680.0 6	3200.0 3	1750.0 4	914.0 6	516.0 7	286.0 10	196.0 13	148.0 13	122.0 7
1950	766.0 37	297.0 40	150.0 40	99.0 40	66.0 40	35.0 42	26.0 41	20.0 43	13.0 43
1951	4740.0 5	2590.0 6	1140.0 9	540.0 13	305.0 17	167.0 24	112.0 25	84.0 26	56.0 28
1952	6850.0 1	3590.0 2	1840.0 3	939.0 4	531.0 6	273.0 11	207.0 10	166.0 9	114.0 10
1953	440.0 41	312.0 39	180.0 39	122.0 39	85.0 37	48.0 39	33.0 39	27.0 39	22.0 39
1954	1510.0 31	1190.0 21	672.0 21	372.0 25	201.0 27	154.0 25	120.0 23	90.0 24	60.0 25
1955	2440.0 16	2040.0 10	1460.0 5	1140.0 2	982.0 1	526.0 3	380.0 4	285.0 4	187.0 4
1956	503.0 40	222.0 41	129.0 41	82.0 41	60.0 41	38.0 41	26.0 42	21.0 42	17.0 41
1957	1980.0 23	1080.0 26	587.0 27	502.0 16	400.0 10	237.0 15	160.0 18	120.0 18	79.0 20
1958	2310.0 19	992.0 28	542.0 28	323.0 28	251.0 25	176.0 22	123.0 22	96.0 23	64.0 24
1959	203.0 44	126.0 44	87.0 43	69.0 42	57.0 42	39.0 40	29.0 40	23.0 40	17.0 42
1960	3650.0 8	2200.0 7	1190.0 7	621.0 9	320.0 16	193.0 21	176.0 14	143.0 14	108.0 11
1961	290.0 43	153.0 43	85.0 44	49.0 44	33.0 44	23.0 44	17.0 44	14.0 44	11.0 44
1962	562.0 38	512.0 35	370.0 32	210.0 31	121.0 34	81.0 32	57.0 33	44.0 33	33.0 33
1963	2560.0 14	1090.0 24	651.0 23	434.0 21	287.0 18	167.0 23	112.0 26	85.0 25	57.0 27
1964	2370.0 17	1100.0 23	693.0 20	432.0 22	281.0 22	233.0 16	163.0 16	123.0 16	83.0 18
1965	1120.0 34	629.0 33	362.0 33	210.0 32	122.0 33	95.0 31	73.0 31	56.0 31	41.0 31
1966	1980.0 24	1250.0 18	596.0 26	321.0 29	189.0 29	124.0 28	88.0 29	72.0 28	51.0 29
1967	1860.0 27	1120.0 22	744.0 17	640.0 8	464.0 8	320.0 8	231.0 8	175.0 8	118.0 9
1968	1900.0 26	967.0 29	633.0 24	446.0 20	284.0 19	145.0 26	99.0 27	77.0 27	82.0 19
1969	2340.0 18	1300.0 16	705.0 18	411.0 23	256.0 24	201.0 20	136.0 21	103.0 21	72.0 21
1970	2050.0 21	861.0 38	374.0 31	198.0 33	125.0 32	73.0 34	52.0 34	40.0 34	29.0 35
1971	5790.0 2	2770.0 5	1190.0 8	556.0 11	357.0 14	308.0 9	206.0 11	155.0 11	103.0 14
1972	2200.0 20	1220.0 19	652.0 22	333.0 27	193.0 28	104.0 30	119.0 24	102.0 22	69.0 23
1973	3350.0 9	1490.0 14	858.0 15	688.0 7	561.0 5	481.0 4	436.0 2	345.0 2	239.0 3
1974	1420.0 32	670.0 32	324.0 34	158.0 36	82.0 39	60.0 36	43.0 37	33.0 37	23.0 38
1975	1800.0 29	1080.0 25	491.0 29	245.0 30	149.0 31	78.0 33	57.0 32	44.0 32	33.0 32

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
45.4	13.9	20.3	33.4	50.2	64.5	32.9	20.7	7.12	74.4	175	92.1
4830	244	1045	5899	16320	14100	7144	6464	189	8483	35790	13640
69.5	15.6	32.3	76.8	128	119	84.5	80.4	13.7	92.1	189	117
2.21	4.18	3.47	5.13	5.45	3.25	3.80	5.23	4.93	2.63	1.97	2.62
1.53	1.12	1.59	2.30	2.54	1.84	2.57	3.89	1.93	1.24	1.08	1.27
7.20	2.20	3.23	5.29	7.97	10.2	5.22	3.28	1.13	11.8	27.8	14.6

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
50.1	1341	36.6	1.70	0.73	0.017

09395900 BLACK CREEK NEAR LUPTON, AZ

DRAINAGE AREA.--500 mi² (1,300 km²), approximately.

REMARKS.--Red Lake, near headwaters 35 mi (56 km) upstream, was built in 1953, with capacity of 9,700 acre-ft (12.0 hm³), but silting may have reduced this amount.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME ACRE-FT
1964	5470	08-01-64	7.80	1965	13800
1965	3370	07-29-65	6.25	1966	9320
1966	2860	09-15-66	5.80	1967	5340
1967	1630	07-16-67	4.75	1968	3510
1968	3750	08-06-68	6.52	1969	8570
1969	4280	07-19-69	6.85	1970	5120
1970	3720	09-06-70	6.50	1971	5840
1971	3090	09-29-71	6.05	1972	1860
1972	3160	08-26-72	6.10	1975	2790
1973	2420	10-07-72	5.5		
1974	1600	08-05-74	8.10		
1975	865	09-08-75	7.01		

[illegible]

CLASS	VALUE	TOTAL	ACCU	PERCT	CLASS	VALUE	TOTAL	ACCU	PERCT	CLASS	VALUE	TOTAL	ACCU	PERCT
0	0.00	1366	3287	100.0	12	3.8	62	717	21.8	24	110	20	58	1.7
1	0.10	408	1921	58.4	13	5.0	117	655	19.9	25	140	13	38	1.1
2	0.20	116	1513	46.0	14	6.6	69	538	16.4	26	190	8	25	.7
3	0.30	79	1397	42.5	15	8.7	92	469	14.3	27	250	5	17	.5
4	0.40	38	1318	40.1	16	12.0	33	377	11.5	28	330	4	12	.3
5	0.50	83	1280	38.9	17	15.0	69	344	10.5	29	440	4	8	.2
6	0.70	66	1197	36.4	18	20.0	66	275	8.4	30	580	1	4	.1
7	0.90	89	1131	34.4	19	27.0	42	209	6.4	31	760	1	3	
8	1.20	95	1042	31.7	20	35.0	47	167	5.1	32	1000	2	2	
9	1.60	87	947	28.8	21	47.0	37	120	3.7	33				
10	2.20	37	860	26.2	22	82.0	14	83	2.5	34				
11	2.90	106	823	25.0	23	82.0	11	69	2.1					

LITTLE COLORADO RIVER BASIN

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09395900 BLACK CREEK NEAR LUPTON, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1965	0.00 1	0.00 1	0.00 1	0.00 1	0.01 10	0.28 10	1.19 10	4.20 10	12.00 10
1966	0.00 2	0.00 2	0.00 2	0.00 2	0.00 1	0.00 1	0.08 6	0.26 6	8.50 9
1967	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	0.00 2	0.00 1	0.03 4	0.84 5
1968	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3	0.00 3	0.03 5	0.12 5	2.80 6
1969	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.03 9	0.27 8	0.58 9	6.10 8
1970	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.01 7	0.32 9	0.52 8	0.77 4
1971	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	0.00 4	0.00 2	0.00 1	0.27 3
1972	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	0.00 5	0.00 3	0.03 2	0.05 1
1975	0.00 9	0.00 9	0.00 9	0.00 9	0.00 8	0.01 8	0.09 7	0.39 7	3.50 7

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1965	1030.0 1	382.0 2	281.0 1	164.0 1	99.0 1	61.0 1	41.0 1	32.0 1	30.0 1
1966	790.0 3	288.0 5	154.0 5	75.0 6	43.0 6	42.0 4	28.0 4	21.0 4	14.0 4
1967	275.0 7	135.0 7	79.0 7	64.0 7	56.0 5	34.0 5	25.0 5	20.0 5	13.0 5
1968	350.0 6	191.0 6	146.0 6	77.0 5	40.0 7	20.0 7	14.0 7	10.0 7	8.4 7
1969	507.0 5	321.0 4	161.0 3	103.0 3	76.0 2	46.0 3	31.0 3	23.0 3	22.0 2
1970	1010.0 2	501.0 1	217.0 2	105.0 2	59.0 3	33.0 6	22.0 6	17.0 6	11.0 6
1971	714.0 4	368.0 3	158.0 4	98.0 4	58.0 4	47.0 2	32.0 2	24.0 2	16.0 3
1972	205.0 8	105.0 8	46.0 8	23.0 8	12.0 8	6.5 9	6.0 9	4.9 9	3.3 9
1975	193.0 9	71.0 9	43.0 9	22.0 9	12.0 9	9.2 8	7.3 8	5.6 8	5.0 8

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
8.96	1.03	2.37	3.19	11.0	8.35	6.47	0.63	0.97	17.2	25.1	16.8
276	2.02	11.3	17.3	251	98.9	128	0.92	8.69	618	456	302
16.6	1.42	3.36	4.16	15.8	9.95	11.3	0.96	2.95	24.9	21.4	17.4
2.67	2.47	2.38	2.23	1.52	0.90	2.27	1.61	3.16	2.14	0.47	1.19
1.85	1.37	1.42	1.30	1.43	1.19	1.75	1.51	3.05	1.44	0.85	1.04
8.77	1.01	2.32	3.13	10.8	8.18	6.33	0.62	0.95	16.9	24.6	16.4

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
8.62	27.0	5.20	0.99	0.60	0.379

LITTLE COLORADO RIVER BASIN

09396500 PUERCO RIVER NEAR ADAMANA, AZ

LOCATION.--Lat 34°58'45", long 109°47'40", in NE¼ sec.9, T.18 N., R.24 E., Apache County, at highway bridge in Petrified Forest National Monument, 0.25 mi (0.40 km) downstream from Dead Wash and 1.5 mi (2.4 km) east of Adamana.

DRAINAGE AREA.--2,760 mi² (7,150 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1940	7500	08-23-40	5.9	1941	134000
1941	22600	09-29-41	9.5	1942	57300
1942	19400	10-04-41	9.1	1943	12000
1943	4800	09-26-43	6.8	1944	9140
1944	4700	09-26-44	7.2	1945	21900
1945	5740	02-03-45	7.40	1946	44900
1946	30000	08-12-46	10.4	1947	48500
1947	22000	08-10-47	8.6	1948	50600
1948	17100	10-14-47	7.3	1949	40400
1949	8040	08-08-49	6.9		

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1941	89						5	7			5	17	1	23	2	24	18	17	24	11	27	22	12	16	15	12	5	5	4	1	1	1	1		
1942	162						6	11			11	9	6	13	17	16	20	15	14	12	19	19	6	3	1	1			1						1
1943	241						14	9			23	21	6	9	9	5	3	2	5	4	4	3	1	2		2	2				2				
1944	248						9	10			11	11	10	14	15	9	11	5	3	1	4	1		1		2	1								
1945	183						16	15			20	11	7	6	9	20	12	14	14	8	11	6	2	3	3	5									
1946	232						17	9			13	18	6	8	1	6	9	5	4	3	6	3		4	3	10	2	3	1	2					
1947	318						3	2			1	1		4		2	1	3	1	3	3	3	3	3	2	4	5	2		3		1			
1948	122	11	38	23	23	8	16	1			6	2	1	2	3	7	7	10	6	14	20	21	12	4	3	2		1	2						1
1949	194						12	8			10	9	3	3	13	9	17	19	19	9	4	11	6	5	3	4	3	3	1						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1789	3287	100.0	12	6.1	40	1026	31.2	24	370	30	127	3.8
1	0.10	11	1498	45.6	13	8.5	78	986	30.0	25	520	42	97	2.9
2	0.20	38	1487	45.2	14	12.0	73	908	27.6	26	730	18	55	1.6
3	0.30	23	1449	44.1	15	17.0	96	835	25.4	27	1000	15	37	1.1
4	0.40	23	1426	43.4	16	24.0	99	739	22.5	28	1500	8	22	.6
5	0.60	8	1403	42.7	17	34.0	88	640	19.5	29	2000	6	14	.4
6	0.80	98	1395	42.4	18	47.0	92	552	16.8	30	2900	3	8	.2
7	1.10	0	1297	39.5	19	67.0	63	460	14.0	31	4100	2	5	.1
8	1.50	72	1297	39.5	20	94.0	98	397	12.1	32	5700	2	3	
9	2.20	0	1225	37.3	21	130.0	89	299	9.1	33	8100	1	1	
10	3.00	100	1225	37.3	22	190.0	42	210	6.4	34				
11	4.30	99	1125	34.2	23	260.0	41	168	5.1					

LITTLE COLORADO RIVER BASIN

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09396500 PUERCO RIVER NEAR ADAMANA, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	5	7	14	30	60	90	120	183
1941	0.00 1	0.00 1	0.00 1	0.00 1	0.67 9	12.00 9	22.00 9	37.00 9	149.00 9
1942	0.00 2	0.00 2	0.00 2	0.00 2	0.00 1	0.00 1	2.40 6	4.50 7	25.00 6
1943	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	0.00 2	0.00 1	0.10 3	2.00 2
1944	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3	0.00 3	0.30 4	1.10 5	4.10 3
1945	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.00 4	3.20 7	3.00 6	16.00 5
1946	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.00 5	0.00 2	0.00 1	7.40 4
1947	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	0.00 6	0.00 3	0.00 2	0.00 1
1948	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	0.32 7	0.39 5	0.37 4	41.00 7
1949	0.00 9	0.00 9	0.00 9	0.00 9	0.00 8	1.19 8	7.60 8	11.00 8	55.00 8

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1941	8060.0 2	3510.0 2	1530.0 2	850.0 4	579.0 3	388.0 2	351.0 1	336.0 1	263.0 1
1942	9440.0 1	4530.0 1	2010.0 1	1230.0 1	644.0 2	331.0 4	224.0 4	171.0 4	134.0 2
1943	920.0 8	717.0 8	436.0 7	221.0 8	139.0 8	87.0 8	63.0 8	47.0 8	31.0 8
1944	928.0 7	737.0 7	381.0 9	183.0 9	92.0 9	51.0 9	35.0 9	27.0 9	18.0 9
1945	702.0 9	612.0 9	415.0 8	323.0 7	189.0 7	101.0 7	67.0 7	57.0 7	47.0 7
1946	2490.0 5	2130.0 4	1320.0 4	859.0 3	571.0 4	337.0 3	234.0 3	176.0 3	115.0 4
1947	5150.0 4	1980.0 5	1210.0 5	1070.0 2	754.0 1	407.0 1	272.0 2	204.0 2	134.0 3
1948	6480.0 3	3260.0 3	1450.0 3	675.0 5	338.0 5	169.0 5	113.0 5	85.0 6	93.0 6
1949	1810.0 6	1250.0 6	843.0 6	488.0 6	280.0 6	155.0 6	112.0 6	87.0 5	100.0 5

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
114	5.08	6.12	13.7	76.3	90.5	44.4	47.0	6.65	33.8	223	103
47580	44.5	124	754	11390	19690	2893	18000	191	1224	52150	17120
218	6.67	11.1	27.5	107	140	53.8	134	13.8	35.0	228	131
2.07	1.35	2.59	2.68	1.54	2.35	0.86	3.15	2.06	0.99	1.54	2.18
1.91	1.31	1.82	2.00	1.40	1.55	1.21	2.86	2.08	1.03	1.03	1.27
14.9	0.67	0.80	1.80	9.99	11.9	5.81	6.15	0.87	4.43	29.2	13.5

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
64.2	2612	51.1	1.76	0.80	0.558

LITTLE COLORADO RIVER BASIN

09397000 LITTLE COLORADO RIVER AT HOLBROOK, AZ

LOCATION.--Lat 34°53'52", long 110°09'45", in SW¼SW¼ sec.6, T.17 N., R.21 E., Navajo County, near right bank on downstream side of bridge on U.S. Highway 180 at Holbrook, 2.3 mi (3.7 km) downstream from Puerco River.

DRAINAGE AREA.--11,300 mi² (29,300 km²), approximately.

WATER YEAR	ANNUAL PEAK DISCH, CFS	DATE	CODES	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK, FT	CODE	ANNUAL MAX GAGE HT, FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1906	20200	11-27-05	MD HP						1906	183000
1923	60000	09-19-23	HP	1870					1950	14800
1950	2960	07-19-50			7.68				1951	25000
1951	8700	08-28-51			8.80				1952	81400
1952	8400	01-19-52			8.70				1953	35000
1953	6030	07-29-53			7.53				1954	73900
1954	10800	07-22-54			8.60				1955	122000
1955	10500	08-17-55			8.50				1956	24600
1956	4210	06-30-56			7.30				1957	78800
1957	21800	08-05-57			10.96				1958	73700
1958	7000	09-14-58			8.85				1959	44000
1959	6300	08-06-59			8.95				1960	79000
1960	11400	10-29-59			9.50				1961	29700
1961	4160	08-16-61			8.12				1962	41800
1962	4010	10-31-61			8.27				1963	117000
1963	9370	08-31-63			9.72				1964	181000
1964	15100	09-09-64			10.75	NM	11.00	08-13-64	1965	85600
1965	14800	07-25-65			10.70				1966	99300
1966	10400	08-13-66			10.73				1967	171000
1967	14100	08-12-67			11.83				1968	169000
1968	21000	08-12-68			12.10				1969	181000
1969	24200	10-04-68			12.55				1970	58000
1970	19700	09-06-70			13.92				1971	132000
1971	13200	08-21-71			13.40				1972	58900
1972	20300	10-01-71			14.35				1973	254000
1973	15000	10-20-72			15.20					
1974	3880	07-22-74	KR		10.60					
1975	6950	09-09-75								

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1950							4	19	36	24	26	22	30	66	60	38	11	5	6	6	4	3	1		2	2										
1951	6		13	7	16	9	8		13	24	56	21	21	101	27	8	10	3	5	5	2	5	1	1	1					2						
1952									1	7	14	38	17	42	38	22	42	23	27	25	20	23	6	5	3	3	3	5	1					1		
1953									1	14	36	37	29	50	27	37	22	21	27	13	9	13	8	4	9	5	1	1	1							
1954	2			1	1	4	19	15	20	27	41	47	53	56	8	10	4	9	7	5	10	4	5	5	3	4				1	3	1				
1955				1	1	4	13	15	40	24	20	86	86	8	2	3	2	4	5	8	7	4	4	5	6	9	4	3	1							
1956				2	4	8	10	57	19	28	32	43	52	31	22	9	6	3	8	9	9	4	5	1	3	1										
1957				9	7	4	12	44	26	32	42	74	28	9	10	9	5	3	6	9	7	3	7	9	2	4	2	2								
1958				2	1	3	5	12	23	17	23	51	82	34	18	15	10	8	14	13	6	5	9	6	3	2	1	2								
1959				2	9	9	25	14	3	6	72	62	72	14	18	10	8	8	9	4	5	3	4	4			1	3								
1960				1	2	13	21	46	34	26	25	11	49	29	17	20	14	20	9	2	9	8	5			2	1	1							1	
1961				4	3		4	5	4	20	36	84	120	21	8	6	4	10	7	5	3	4	8	6			3									
1962				3	1	7	3	4	15	21	36	50	48	42	30	21	8	10	17	18	8	5	3	3	3	4	3	1	1							
1963	8			2	2	7	14	10	15	48	57	60	42	12	6	6	12	9	5	7	5	9	5	7	5	3	4			4	4	1				
1964				1	1	5	6	6	20	41	100	81	22	10	5	6	8	5	3	5	6	6	4	6	5	4	1	2	1							
1965							1	1	13	22	52	53	58	65	35	14	12	7	6	4	4	3	4	4	1	1	3	1	3	1	1					
1966	2				1			1	6	22	31	43	46	25	31	27	17	24	25	12	16	6	9	3	5	3	3	5	1	1						
1967				3	1	1	3	1	30	44	72	102	21	6	3	2	6	9	6	12	4	6	4	8	6	3	2	4	3	3						
1968							1	3	27	27	66	70	47	27	18	11	10	6	6	9	5	12	6	2	2	2	1	1	2	3	2					
1969											54	61	55	52	21	9	15	10	20	15	8	9	6	5	3	9	7	2	3							
1970							2	11	23	31	51	76	103	22	7	7	4	4	5	5	4	3		1	1	4										
1971	3			2	8		5	15	45	72	87	51	7	8	6	7	5	4	2	2	2	3	8	3	3	4	7	2	1	1	1				1	
1972										9	33	86	75	34	28	25	14	10	7	9	12	4	9	1	2	5	1	1								
1973								4	30	8	13	8	13	33	28	46	25	17	11	10	16	4	4	13	24	39	16	1							1	1

MD Discharge is a maximum daily.

HP Isolated historic peak; not part of systematic record.

NM Not maximum gage height for water year.

KR Known significant effect of regulation or diversion.

LITTLE COLORADO RIVER BASIN

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09397000 LITTLE COLORADO RIVER AT HOLBROOK, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--Continued
 DISCHARGE, IN CUBIC FEET PER SECOND
 MEAN

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	21	8766	100.0	12	4.7	1163	6471	73.8	24	450	107	505	5.7
1	0.04	0	8745	99.8	13	6.8	1445	5308	60.6	25	650	109	398	4.5
2	0.07	0	8745	99.8	14	10.0	1027	3863	44.1	26	950	100	289	3.2
3	0.10	22	8745	99.8	15	15.0	550	2836	32.4	27	1400	80	189	2.1
4	0.20	11	8723	99.5	16	21.0	394	2286	26.1	28	2000	39	109	1.2
5	0.30	59	8712	99.4	17	31.0	252	1892	21.6	29	3000	31	70	.7
6	0.50	52	8653	98.7	18	46.0	257	1640	18.7	30	4400	15	39	.4
7	0.70	105	8601	98.1	19	67.0	217	1383	15.8	31	6400	17	24	.2
8	1.00	271	8496	96.9	20	98.0	204	1166	13.3	32	9300	6	7	
9	1.50	374	8225	93.8	21	140.0	212	962	11.0	33	14000	1	1	
10	2.20	621	7851	89.6	22	210.0	107	750	8.6	34				
11	3.20	759	7230	82.5	23	300.0	138	643	7.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
 DISCHARGE, IN CUBIC FEET PER SECOND
 MEAN

YEAR	1	3	7	14	30	60	90	120	183
1906	3.00 24	3.00 24	3.00 23	3.00 23	3.20 19	4.00 15	19.00 24	32.00 24	77.00 22
1950	0.60 16	0.63 14	0.69 10	0.79 6	0.97 5	1.40 3	1.70 2	2.80 3	11.00 12
1951	0.00 1	0.00 1	0.03 2	0.09 1	0.14 1	0.74 1	1.10 1	2.20 1	5.90 3
1952	1.19 20	1.50 19	1.70 16	2.10 15	5.60 25	11.00 25	19.00 25	62.00 25	60.00 21
1953	0.80 17	1.00 17	1.19 14	1.50 14	2.30 10	3.60 13	5.80 15	8.80 18	17.00 17
1954	0.00 2	0.07 4	0.63 8	0.75 4	0.89 4	1.60 4	2.20 5	6.90 15	19.00 18
1955	0.40 13	0.57 12	0.69 11	0.96 8	3.00 17	3.20 10	4.00 8	5.90 11	7.40 6
1956	0.20 8	0.27 7	0.37 4	0.77 5	1.10 6	1.19 2	1.80 3	3.60 6	30.00 20
1957	0.30 9	0.37 8	0.44 6	0.46 2	0.85 2	1.60 5	1.80 4	3.30 4	8.30 9
1958	0.30 10	0.43 9	2.10 18	2.50 19	3.10 18	7.00 23	11.00 23	11.00 21	16.00 16
1959	0.40 14	0.53 11	0.63 9	0.94 7	2.60 11	4.30 16	4.90 11	5.60 10	7.40 7
1960	0.60 15	0.70 15	1.10 13	1.10 10	2.20 9	2.90 9	4.20 10	6.00 12	11.00 10
1961	0.10 6	0.17 5	0.57 7	2.30 17	2.80 14	4.40 17	5.00 12	5.50 9	6.70 4
1962	0.10 7	0.20 6	0.37 5	1.19 11	2.80 15	3.40 11	5.40 13	5.40 8	11.00 11
1963	0.00 3	0.00 2	0.00 1	0.46 3	0.87 3	1.60 6	2.70 6	3.30 5	12.00 13
1964	0.30 11	0.63 13	0.84 12	1.50 12	1.70 8	2.80 7	6.00 16	6.20 14	7.20 5
1965	1.19 21	2.20 22	2.30 21	2.70 21	4.70 22	5.80 21	10.00 21	10.00 19	15.00 15
1966	0.00 4	0.87 16	2.50 22	3.00 22	3.60 20	4.50 18	6.80 19	8.50 17	26.00 19
1967	0.30 12	0.47 10	2.10 19	2.60 20	2.90 16	3.50 12	4.10 9	4.70 7	5.60 2
1968	1.19 22	1.70 21	2.20 20	2.50 18	2.60 12	3.90 14	6.50 18	11.00 20	94.00 24
1969	5.00 25	5.00 25	5.00 25	5.00 25	5.00 24	6.40 22	10.00 20	28.00 23	92.00 23
1970	1.00 18	1.50 20	1.70 17	2.20 16	2.70 13	4.90 19	6.40 17	7.70 16	8.30 8
1971	0.00 5	0.03 3	0.34 3	1.00 9	1.60 7	2.80 8	2.80 7	2.80 2	3.10 1
1972	2.20 23	3.00 23	3.20 24	3.60 24	4.70 23	5.40 20	5.50 14	6.10 13	12.00 14
1973	1.00 19	1.10 18	1.40 15	1.50 13	3.90 21	10.00 24	11.00 22	15.00 22	280.00 25

LITTLE COLORADO RIVER BASIN

09397000 LITTLE COLORADO RIVER AT HOLBROOK, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1950	840.0 24	426.0 24	221.0 24	173.0 24	108.0 24	61.0 24	49.0 24	37.0 24	27.0 24
1951	4020.0 16	2620.0 15	1170.0 18	565.0 20	315.0 19	179.0 20	120.0 20	90.0 20	60.0 22
1952	6690.0 9	3350.0 12	1910.0 13	987.0 14	569.0 16	300.0 17	227.0 16	197.0 16	141.0 15
1953	1590.0 21	1050.0 21	685.0 21	487.0 21	314.0 20	172.0 21	118.0 21	90.0 21	67.0 20
1954	4670.0 14	4380.0 9	2430.0 9	1210.0 12	652.0 13	450.0 11	370.0 11	278.0 11	186.0 12
1955	4480.0 15	3670.0 10	2410.0 10	1910.0 4	1620.0 4	903.0 7	656.0 5	493.0 5	325.0 7
1956	1220.0 22	577.0 23	321.0 23	215.0 23	158.0 23	100.0 23	67.0 23	51.0 23	42.0 23
1957	3720.0 17	2470.0 17	1620.0 14	1180.0 13	941.0 9	617.0 9	414.0 9	311.0 9	295.0 10
1958	3430.0 18	1920.0 18	1170.0 19	681.0 17	599.0 15	421.0 13	295.0 14	232.0 13	155.0 13
1959	2440.0 20	1710.0 19	1220.0 17	848.0 16	560.0 17	305.0 16	212.0 18	160.0 18	187.0 18
1960	9500.0 6	5380.0 6	2750.0 5	1360.0 10	695.0 12	389.0 15	310.0 12	250.0 12	207.0 9
1961	1200.0 23	784.0 22	475.0 22	301.0 22	197.0 22	160.0 22	116.0 22	88.0 22	60.0 21
1962	2520.0 19	1560.0 20	963.0 20	574.0 19	302.0 21	180.0 19	128.0 19	131.0 19	103.0 19
1963	5630.0 12	3370.0 11	1990.0 12	1400.0 9	1180.0 7	723.0 8	483.0 8	362.0 8	239.0 8
1964	9180.0 7	7800.0 3	4910.0 2	3970.0 1	2290.0 1	1440.0 1	976.0 2	733.0 2	485.0 2
1965	6580.0 10	3170.0 13	2600.0 6	1490.0 8	781.0 10	586.0 10	403.0 10	304.0 10	204.0 11
1966	4840.0 13	2570.0 16	1240.0 16	946.0 15	616.0 14	396.0 14	272.0 15	205.0 15	138.0 16
1967	7390.0 8	6460.0 4	3590.0 3	2810.0 3	1830.0 2	1320.0 2	909.0 3	693.0 3	456.0 3
1968	12300.0 3	8040.0 1	6460.0 1	3280.0 2	1830.0 3	920.0 6	614.0 7	463.0 7	359.0 4
1969	11600.0 4	4580.0 8	2100.0 11	1520.0 7	1010.0 8	935.0 5	629.0 6	473.0 6	327.0 6
1970	13600.0 2	5700.0 5	2500.0 7	1210.0 11	712.0 11	436.0 12	297.0 13	224.0 14	150.0 14
1971	18100.0 1	7980.0 2	3440.0 4	1850.0 5	1270.0 6	1070.0 4	716.0 4	538.0 4	354.0 5
1972	6520.0 11	2780.0 14	1300.0 15	616.0 18	451.0 18	230.0 18	218.0 17	170.0 17	114.0 17
1973	10900.0 5	4920.0 7	2490.0 8	1660.0 6	1280.0 5	1160.0 3	996.0 1	779.0 1	524.0 1

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
137	28.9	47.0	88.8	51.4	87.5	54.8	29.8	18.4	162	557	247
53580	1492	11920	26470	6122	62920	41180	14120	1113	36800	373600	83510
231	138.6	109	163	78.2	251	203	119	33.4	192	611	289
2.28	2.30	3.99	2.32	2.32	4.69	4.90	4.99	3.58	1.46	1.21	1.13
1.70	1.34	2.32	1.83	1.52	2.87	3.70	3.98	1.81	1.18	1.10	1.17
9.05	1.91	3.12	5.88	3.41	5.80	3.63	1.98	1.22	10.8	36.9	16.4

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
128	7261	85.2	0.93	0.66	0.212

LITTLE COLORADO RIVER BASIN

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09397500 CHEVELON CREEK BELOW WILDCAT CANYON, NEAR WINSLOW, AZ

LOCATION.--Lat 34°38'11", long 110°42'49", in SW¼ sec.36, T.15 N., R.15 E., Navajo County, on right bank 0.4 mi (10.6 km) downstream from Wildcat Canyon and 25 mi (40 km) south of Winslow.

DRAINAGE AREA.--275 mi² (712 km²).

REMARKS.--Storage and regulation by Chevelon Canyon Lake (capacity, 6,193 acre-ft or 7.6 hm³) 17 mi (27 km) upstream since June 1967. No diversion above station.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1948	931	04-12-48		5.51	1948	30500
1949	1290	04-14-49		6.23	1949	56500
1950	726	02-28-50		5.08	1950	17400
1951	8940	08-29-51		13.7	1951	21000
1952	19800	01-18-52		18.2	1952	95500
1953	653	03-11-53		4.97	1953	17800
1954	7500	03-23-54		11.4	1954	23000
1955	631	08-23-55		5.10	1955	9620
1956	227	03-06-56		3.78	1956	10200
1957	11300	01-09-57		13.74	1957	59100
1958	4080	09-28-58		9.00	1958	49000
1959	479	10-06-58		4.56	1959	12600
1960	2630	12-25-59		7.73	1960	57300
1961	476	04-04-61		4.58	1961	11800
1962	1920	02-13-62		6.97	1962	49400
1963	950	08-27-63		5.89	1963	10500
1964	1240	04-12-64		6.38	1964	22700
1965	9100	01-07-65		12.41	1965	78100
1966	9560	12-30-65		12.70	1966	55000
1967	9920	12-07-66		13.03	1967	26200
1968	1600	04-02-68	UR	6.59	1968	45100
1969	6340	01-26-69	UR	10.63	1969	47000
1970	11100	09-05-70	UR	13.58	1970	19100

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
	NUMBER OF DAYS IN CLASS																																				
1948	164						2	2	3	2	5	12	9	5	7	12	11	27	17	26	11	15	7	12	5	8	4										
1949	211						1	2	1	1	6	3	2	1	2	12	12	15	9	9	21	18	14	13	8	4											
1950	205						3	8	10	6	8	4	5	7	12	9	5	9	16	14	5	12	7	13	5	1	1										
1951	244						2	1	3	2	2	3	4	4	13	16	8	5	13	8	16	9	6	1	1	1		1	1	1	1						
1952	178						1	1	1	6	3	2	5	1	5	1	14	15	13	16	37	14	7	8	14	12	6	3									
1953	212						1	3	1	1	5	2	3	13	6	24	12	13	5	10	22	10	3	10	7	1	1										
1954	281						1	4	2	1	4	3	6	10	4	15	5	3	2	2	2	2	1	6	5	4		1									
1955	246						3		2	3	8	7	9	12	5	9	7	11	9	6	7	7	8	1	3	2											
1956	202						1	3			5	7	9	11	11	13	22	15	20	8	14	16	6	3													
1957	217						1	1		2	7	5	8	9	4	3	4	21	5	15	9	10	6	11	9	6	8		1	1	1	1					
1958	140						6	6	6	5	6	7	11	18	9	10	8	17	17	17	19	7	5	14	18	10	6	1	2								
1959	137						6	11	15	15	14	22	11	19	9	6	7	9	11	25	19	16	10	2	1												
1960	164						1	2	1	1	2	1	16	9	7	4	4	5	11	21	20	38	16	10	10	5	14	4									
1961	227						6	11	14	7	5	6	7	8	4	5	8	14	7	3	2	5	14	8	3	1											
1962	218						1	1	3	1	2	1	5	3	2	2	15	20	7	6	14	20	9	5	4	8	11	6	1								
1963	228						1	8	5	3	6	6	8	5	4	9	11	11	8	17	14	11	9	2	2												
1964	170						8	14	9	8	6	10	16	15	7	8	9	12	18	11	12	5	4	6	5	4											
1965	180						4	7	3		2	5	4	7	1	3	2	9	3	11	14	21	26	23	17	10	5	3	3	1							
1966	161						1				1		1	1	1		6	9	27	28	63	25	10	15	3	3	6	2									
1967	136	2	1	1	1	3	2	4	3	4	3	3	41	30	8	13	9	7	12	14	33	27	3	1	1	1	1										
1968	268	1			1		1	1			1	1	2	1	4	2	1	3	1	4		4	12	10	8	18	14	5	3								
1969	232	2	1	1	1		1	7	4	3	5	2	1	3	2	4	5	13	21	12	4	7	3	3	12	5	6	2	1								
1970	286	1		1		2	2	3	3	2	4	2	2	3	4	3	1	4	4	10	6	9	3	4	3	1	1										

UR Unknown effect of regulation or diversion.

LITTLE COLORADO RIVER BASIN

09397500 CHEVELON CREEK BELOW WILDCAT CANYON, NEAR WINSLOW, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--Continued
 DISCHARGE, IN CUBIC FEET PER SECOND
 MEAN

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	4707	8401	100.0	12	1.9	185	3146	37.4	24	250	155	423	5.0
1	0.01	6	3694	44.0	13	2.8	201	2961	35.2	25	370	113	268	3.1
2	0.02	2	3688	43.9	14	4.3	127	2760	32.9	26	560	93	155	1.8
3	0.03	3	3686	43.9	15	6.4	176	2633	31.3	27	840	34	62	.7
4	0.04	3	3683	43.8	16	9.6	163	2457	29.2	28	1300	11	28	.3
5	0.07	5	3680	43.8	17	14.0	260	2294	27.3	29	1900	3	17	.2
6	0.10	53	3675	43.7	18	22.0	255	2034	24.2	30	2800	8	14	.1
7	0.20	95	3622	43.1	19	32.0	303	1779	21.2	31	4300	5	6	
8	0.40	92	3527	42.0	20	49.0	334	1476	17.6	32	6400	1	1	
9	0.60	68	3435	40.9	21	73.0	337	1142	13.6	33				
10	0.80	107	3367	40.1	22	110.0	202	805	9.6	34				
11	1.30	114	3260	38.8	23	160.0	180	603	7.2					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
 DISCHARGE, IN CUBIC FEET PER SECOND
 MEAN

YEAR	1	3	7	14	30	60	90	120	183
1948	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	39.00 17
1949	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	62.00 19
1950	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	3.30 1
1951	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	10.00 9
1952	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.03 15	116.00 23
1953	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	3.80 2
1954	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	19.00 14
1955	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	9.00 8
1956	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.33 18	6.40 6
1957	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.01 14	4.80 3
1958	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.22 17	63.00 20
1959	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.38 19	6.40 4
1960	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 8	8.80 7
1961	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.02 21	0.15 16	14.00 12
1962	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 14	0.00 9	65.00 21
1963	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 15	0.00 10	12.00 10
1964	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.33 22	1.60 22	6.40 5
1965	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 16	0.86 21	88.00 22
1966	0.00 19	0.00 19	0.00 19	0.00 19	0.00 19	0.00 19	0.00 17	2.40 23	21.00 15
1967	0.00 20	0.00 20	0.00 20	0.00 20	0.00 20	0.00 20	0.75 23	0.56 20	19.00 13
1968	0.00 21	0.00 21	0.00 21	0.00 21	0.00 21	0.00 21	0.00 18	0.00 11	54.00 18
1969	0.00 22	0.00 22	0.00 22	0.00 22	0.00 22	0.00 22	0.00 19	0.00 12	25.00 16
1970	0.00 23	0.00 23	0.00 23	0.00 23	0.00 23	0.00 23	0.00 20	0.00 13	12.00 11

LITTLE COLORADO RIVER BASIN

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09397500 CHEVELON CREEK BELOW WILDCAT CANYON, NEAR WINSLOW, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1948	635.0 16	584.0 16	517.0 16	492.0 12	336.0 12	205.0 11	144.0 11	120.0 11	83.0 11
1949	993.0 14	875.0 13	782.0 12	589.0 8	466.0 6	378.0 3	271.0 4	226.0 4	156.0 5
1950	568.0 17	405.0 18	317.0 18	244.0 18	201.0 18	129.0 15	94.0 16	72.0 16	48.0 18
1951	2810.0 9	2010.0 8	945.0 8	448.0 14	224.0 15	112.0 17	75.0 17	63.0 17	37.0 15
1952	6390.0 2	3680.0 2	1730.0 2	900.0 2	680.0 1	400.0 2	352.0 1	375.0 1	263.0 1
1953	567.0 18	467.0 17	359.0 17	293.0 17	208.0 17	115.0 16	95.0 14	74.0 14	49.0 17
1954	5240.0 4	2180.0 6	1040.0 7	691.0 6	379.0 10	193.0 12	129.0 12	96.0 12	63.0 13
1955	417.0 19	379.0 19	283.0 19	172.0 20	99.0 20	50.0 23	34.0 23	25.0 23	26.0 22
1956	196.0 23	174.0 23	137.0 21	117.0 21	95.0 21	68.0 20	51.0 20	40.0 20	28.0 21
1957	6860.0 1	4150.0 1	2140.0 1	1050.0 1	532.0 2	433.0 1	325.0 2	246.0 3	163.0 3
1958	1810.0 10	1080.0 10	688.0 14	463.0 13	454.0 7	286.0 7	208.0 10	156.0 10	112.0 10
1959	300.0 22	218.0 21	121.0 22	110.0 22	87.0 22	62.0 21	42.0 21	32.0 21	29.0 20
1960	1130.0 13	824.0 14	744.0 13	640.0 7	506.0 4	279.0 8	225.0 8	209.0 5	158.0 4
1961	382.0 20	346.0 20	264.0 20	205.0 19	168.0 19	96.0 19	65.0 19	49.0 19	32.0 19
1962	1330.0 11	1010.0 11	822.0 11	722.0 5	493.0 5	334.0 6	270.0 5	206.0 6	136.0 7
1963	320.0 21	198.0 22	115.0 23	81.0 23	67.0 23	52.0 22	36.0 22	27.0 22	18.0 23
1964	729.0 15	676.0 15	560.0 15	373.0 16	273.0 13	149.0 13	99.0 13	74.0 15	61.0 14
1965	5560.0 3	2940.0 3	1420.0 4	770.0 4	532.0 3	358.0 4	274.0 3	312.0 2	214.0 2
1966	4280.0 7	2530.0 5	1160.0 5	587.0 9	353.0 11	219.0 10	214.0 9	189.0 9	149.0 6
1967	4830.0 5	2140.0 7	1060.0 6	530.0 11	267.0 14	137.0 14	94.0 15	80.0 13	69.0 12
1968	1140.0 12	905.0 12	826.0 10	570.0 10	428.0 8	350.0 5	252.0 7	190.0 8	124.0 9
1969	4090.0 8	2800.0 4	1500.0 3	812.0 3	421.0 9	242.0 9	261.0 6	197.0 7	129.0 8
1970	4480.0 6	1920.0 9	891.0 9	419.0 15	210.0 16	105.0 18	70.0 18	52.0 18	52.0 16

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.73	9.19	46.1	95.6	63.0	164	.66	10.6	0.09	0.28	17.0	18.0
93.4	597	7815	29650	6457	14200	33300	241	0.12	0.99	2125	2534
9.66	24.4	88.4	172	80.4	119	182	15.5	0.35	0.99	46.1	50.3
4.43	3.51	2.24	1.84	2.04	1.07	1.25	1.46	4.78	3.82	3.45	3.27
3.54	2.66	1.92	1.80	1.26	0.73	1.10	1.47	4.00	3.92	2.71	2.79
0.46	1.55	7.78	16.1	10.7	27.6	28.0	1.78	0.01	0.05	2.87	3.04

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
49.5	1074	32.8	0.85	0.66	-0.243

LITTLE COLORADO RIVER BASIN

09398000 CHEVELON CREEK NEAR WINSLOW, AZ

LOCATION.--Lat 34°55'35", long 110°31'51", in SE¼SW¼ sec.27, T.18 N., R.17 E., Navajo County, on right bank 3 mi (4.8 km) upstream from mouth and 12 mi (19.3 km) southeast of Winslow.

DRAINAGE AREA.--794 mi² (2,056 km²); excludes 200 mi² (518 km²), which is noncontributing.

REMARKS.--Storage and regulation by Chevelon Canyon Lake (capacity, 6,193 acre-ft or 7.6 hm³) 57 mi (92 km) upstream since June 1967. No known diversion above station. Chevelon Canal diverts 2 mi (3.2 km) downstream from station for irrigation.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT.FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1916	9500	01-19-16						1917	57800
1917	1300	04-24-17						1918	19900
1918	6200	03-13-18						1919	31600
1919	1110	04-01-19						1930	22200
1920	9000	12-05-19						1931	27300
1929	16100	04-04-29						1932	72500
1930	519	03-27-30		4.87				1933	24500
1931	548	03-19-31		4.86				1936	33500
1932	3100	02-10-32		8.58				1937	69600
1933	1060	09-20-33		5.41				1938	34600
1934	2700	- -34		8.05				1939	25600
1936	1350	04-12-36		5.88				1940	17200
1937	1820	02-08-37		6.66				1941	91500
1938	9400	03-04-38		14.15				1942	32200
1939	2410	08-03-39		8.74				1943	34300
1940	1180	07-25-40		7.01				1944	41400
1941	1630	03-15-41		7.52				1945	42900
1942	985	04-06-42		6.52				1946	13100
1943	1330	03-11-43		6.82				1947	23400
1944	1180	04-06-44		6.87				1948	30400
1945	2620	08-04-45		9.03				1949	55000
1946	892	09-20-46		6.24				1950	17200
1947	2460	08-04-47		8.84				1951	19200
1948	825	04-13-48		6.30				1952	105000
1949	1150	04-14-49		6.95				1953	18200
1950	616	03-01-50		5.59				1954	23300
1951	7200	08-30-51		13.4				1955	14900
1952	25300	01-19-52		19.8				1956	10900
1953	650	03-12-53		6.97				1957	55300
1954	5730	03-23-54		12.6				1958	43600
1955	1800	06-13-55		9.20				1959	13400
1956	562	07-23-56		6.72				1960	61300
1957	8680	01-09-57		15.40				1961	13300
1958	2140	09-28-58		10.66				1962	51600
1959	1320	08-14-59		9.31				1963	13800
1960	2640	12-26-59		10.63				1964	24100
1961	500	07-30-61		6.00				1965	81300
1962	1540	02-13-62		8.88	NM	8.93	09-08-62	1966	61000
1963	1620	08-21-63		8.98				1967	25300
1964	1680	08-01-64		9.09				1968	50800
1965	13100	01-08-65		16.65				1969	39300
1966	13300	12-31-65		18.52				1970	17700
1967	8890	12-07-66		17.25				1971	5560
1968	1640	04-02-68	UR	9.03				1972	38300
1969	5120	01-26-69	UR	15.06					
1970	8020	09-06-70	UR	17.70					
1971	4150	08-24-71	UR	14.18					
1972	9040	12-27-71	UR	18.14					

NM Not maximum gage height for water year.

UR Unknown effect of regulation or diversion.

09398000 CHEVELON CREEK NEAR WINSLOW, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN[illegible]

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	14976	100.0	12	19.0	282	3603	24.1	24	470	121	347	2.3
1	1.00	13	14976	100.0	13	25.0	275	3321	22.2	25	610	101	226	1.5
2	1.30	31	14963	99.9	14	32.0	306	3046	20.3	26	800	67	125	.8
3	1.70	276	14932	99.7	15	42.0	347	2740	18.3	27	1000	29	58	.3
4	2.20	382	14656	97.9	16	55.0	371	2393	16.0	28	1400	10	29	.1
5	2.90	2128	14274	95.3	17	72.0	319	2022	13.5	29	1800	4	19	.1
6	3.80	5125	12146	81.1	18	94.0	267	1703	11.4	30	2300	5	15	.1
7	5.00	1809	7021	46.9	19	120.0	269	1436	9.6	31	3000	5	10	
8	6.50	661	5212	34.8	20	160.0	229	1167	7.8	32	4000	1	5	
9	8.50	334	4551	30.4	21	210.0	213	938	6.3	33	5200	3	4	
10	11.00	276	4217	28.2	22	270.0	212	725	4.8	34	6800	1	1	
11	14.00	338	3941	26.3	23	360.0	166	513	3.4					

LITTLE COLORADO RIVER BASIN

09398000 CHEVELON CREEK NEAR WINSLOW, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1917	1.00 6	1.30 4	2.00 10	2.30 9	2.70 8	3.60 21	3.60 13	4.50 26	35.00 34
1918	0.70 1	1.50 9	2.40 19	2.70 20	3.10 20	3.20 9	3.60 14	4.40 22	4.20 3
1919	2.00 13	2.00 13	2.00 11	2.30 10	2.80 14	3.10 6	3.10 3	3.40 4	28.00 26
1930	2.00 14	2.00 14	2.00 12	2.30 11	2.70 9	3.20 7	3.40 7	3.50 6	31.00 31
1931	2.00 15	2.00 15	2.00 13	2.10 7	2.30 3	3.90 30	5.80 41	5.20 34	24.00 24
1932	2.00 16	3.00 32	3.00 27	3.00 24	3.20 21	4.50 41	4.70 34	5.20 35	49.00 36
1933	2.00 17	2.30 21	3.00 28	3.70 40	4.00 38	4.00 31	4.00 23	4.10 16	32.00 32
1936	2.00 18	2.00 16	2.10 16	2.60 17	3.00 16	3.50 15	3.70 15	3.70 9	34.00 33
1937	1.00 2	1.00 1	1.70 4	2.30 12	3.10 17	3.60 16	3.50 8	4.20 18	74.00 41
1938	3.00 36	3.00 33	3.00 29	3.00 25	3.40 26	3.70 22	3.80 18	4.50 23	6.80 5
1939	2.00 19	2.00 17	2.30 17	2.40 14	2.70 10	2.90 3	3.20 5	3.40 5	29.00 27
1940	3.00 37	3.00 34	3.00 30	3.00 26	3.40 27	3.70 23	4.30 27	4.80 29	16.00 18
1941	2.00 20	2.00 18	2.00 14	2.00 5	2.20 2	3.20 8	4.10 24	4.10 17	97.00 43
1942	1.00 3	1.30 5	2.00 15	2.00 6	2.40 4	2.90 4	3.10 4	3.10 3	45.00 35
1943	2.00 21	2.00 19	2.30 18	2.50 15	2.50 5	3.00 5	3.50 9	4.30 19	13.00 16
1944	1.70 11	1.80 11	1.90 8	2.30 13	2.80 11	3.40 12	3.70 16	3.90 12	20.00 21
1945	2.80 31	2.80 27	2.90 25	3.20 28	3.40 28	4.20 38	4.40 31	4.50 24	30.00 29
1946	2.60 29	2.90 28	3.00 26	3.20 29	3.60 34	3.60 17	3.80 19	4.00 13	14.00 17
1947	3.30 41	3.30 39	3.40 39	3.60 37	4.00 39	4.10 36	4.30 28	4.50 25	7.90 7
1948	2.90 34	3.20 35	3.30 35	3.40 34	3.40 29	3.80 26	4.70 35	7.30 41	31.00 30
1949	2.80 32	2.90 29	3.10 31	3.20 30	4.40 42	4.40 40	4.80 36	5.00 32	64.00 39
1950	3.00 35	3.20 36	3.40 36	3.70 38	4.10 40	4.10 37	4.30 29	4.40 20	8.40 8
1951	1.00 4	1.00 2	1.30 1	1.90 4	2.50 6	3.40 13	3.50 10	3.80 10	9.80 13
1952	2.40 23	2.60 22	2.70 21	2.80 21	2.80 12	4.00 32	4.10 25	4.40 21	133.00 44
1953	3.20 38	3.20 37	3.20 34	3.20 31	3.30 23	3.60 18	4.50 32	6.10 39	9.30 12
1954	3.30 39	3.30 40	3.40 37	3.50 36	3.50 30	3.70 24	3.80 20	3.90 11	25.00 25
1955	2.50 25	2.60 23	2.70 22	2.90 22	3.30 24	3.90 27	4.00 21	4.00 14	9.00 11
1956	3.60 43	3.60 42	3.60 41	3.70 39	3.70 35	3.80 25	4.30 30	4.60 27	8.60 10
1957	2.60 26	2.70 24	3.40 38	3.40 35	3.50 31	3.60 19	3.70 17	4.90 30	7.60 6
1958	2.70 30	3.00 30	3.10 32	3.30 32	3.50 32	3.90 28	6.00 42	5.90 38	52.00 37
1959	1.50 9	1.50 6	1.70 5	2.60 18	3.10 18	4.00 33	4.80 37	5.20 36	8.40 9
1960	1.00 5	1.19 3	1.70 6	1.80 1	2.10 1	2.20 1	2.20 1	2.50 1	12.00 15
1961	2.40 24	2.70 25	2.90 23	3.10 27	3.30 25	4.00 34	4.10 26	5.50 37	19.00 20
1962	2.90 33	3.00 31	3.10 33	3.30 33	3.60 33	3.90 29	4.00 22	4.00 15	65.00 40
1963	3.50 42	3.80 43	3.90 42	4.00 42	4.10 41	4.30 39	4.60 33	4.70 28	17.00 19
1964	3.30 40	3.40 41	3.50 40	3.90 41	4.00 36	4.80 42	5.00 39	5.10 33	5.70 4
1965	2.60 27	3.20 38	3.90 43	4.10 43	5.50 43	5.90 43	6.00 43	6.50 40	84.00 42
1966	5.20 44	5.20 44	5.20 44	5.40 44	5.90 44	7.00 44	8.10 44	8.30 42	21.00 22
1967	2.00 12	2.00 12	2.00 9	2.20 8	4.00 37	4.00 35	5.00 40	11.00 44	23.00 23
1968	1.70 10	1.70 10	1.90 7	2.60 19	2.90 15	3.40 14	4.80 38	5.00 31	63.00 38
1969	1.40 7	1.50 7	1.80 2	1.80 2	2.80 13	3.30 10	3.50 11	9.50 43	29.00 28
1970	2.10 22	2.30 20	2.50 20	2.50 16	2.60 7	2.60 2	2.70 2	2.80 2	10.00 14
1971	1.40 8	1.50 8	1.60 3	1.90 3	3.10 19	3.30 11	3.40 6	3.60 7	4.00 1
1972	2.60 28	2.70 26	2.90 24	3.00 23	3.20 22	3.60 20	3.50 12	3.70 8	4.20 2

LITTLE COLORADO RIVER BASIN

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09398000 CHEVELON CREEK NEAR WINSLOW, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1930	417.0 35	403.0 33	356.0 30	312.0 29	247.0 26	152.0 26	106.0 26	81.0 26	57.0 28
1931	456.0 33	442.0 30	408.0 29	341.0 28	248.0 25	171.0 22	135.0 22	103.0 22	70.0 22
1932	2280.0 12	1420.0 12	850.0 13	668.0 8	540.0 3	457.0 1	348.0 4	271.0 5	195.0 4
1933	432.0 34	379.0 34	265.0 35	231.0 34	226.0 28	162.0 25	121.0 24	92.0 24	62.0 24
1936	950.0 21	877.0 20	744.0 18	486.0 21	325.0 20	245.0 17	165.0 19	125.0 19	87.0 19
1937	1170.0 16	907.0 19	832.0 15	660.0 9	472.0 7	434.0 3	373.0 3	282.0 4	187.0 5
1938	5040.0 5	2350.0 6	1450.0 5	910.0 2	516.0 5	267.0 13	179.0 17	136.0 17	91.0 17
1939	987.0 20	784.0 22	630.0 23	512.0 18	368.0 16	190.0 19	128.0 23	97.0 23	67.0 23
1940	375.0 36	359.0 36	281.0 34	211.0 35	131.0 36	96.0 33	77.0 31	59.0 32	41.0 34
1941	1320.0 15	1040.0 13	709.0 21	537.0 17	442.0 12	422.0 4	398.0 1	320.0 2	246.0 2
1942	876.0 24	670.0 26	579.0 26	390.0 25	270.0 24	184.0 21	137.0 21	120.0 20	85.0 20
1943	832.0 25	705.0 24	662.0 22	504.0 19	368.0 17	248.0 16	171.0 18	134.0 18	89.0 18
1944	916.0 23	869.0 21	735.0 19	612.0 11	464.0 9	310.0 10	214.0 13	162.0 13	108.0 13
1945	1060.0 19	1010.0 14	869.0 12	603.0 12	470.0 8	305.0 12	219.0 12	167.0 12	114.0 12
1946	693.0 28	436.0 32	254.0 36	129.0 37	72.0 39	49.0 39	35.0 39	27.0 39	24.0 39
1947	919.0 22	581.0 28	317.0 32	256.0 32	151.0 34	100.0 32	77.0 32	76.0 27	57.0 29
1948	616.0 29	580.0 29	526.0 27	491.0 20	332.0 18	199.0 18	138.0 20	112.0 21	76.0 21
1949	800.0 26	778.0 23	715.0 20	560.0 16	426.0 14	360.0 7	257.0 9	212.0 9	146.0 9
1950	478.0 32	379.0 35	307.0 33	234.0 33	188.0 31	117.0 29	82.0 30	63.0 31	43.0 33
1951	3450.0 7	1720.0 9	832.0 16	399.0 24	202.0 29	103.0 31	70.0 33	58.0 33	49.0 30
1952	10200.0 1	4430.0 1	2130.0 1	1090.0 1	766.0 1	436.0 2	398.0 2	412.0 1	286.0 1
1953	555.0 31	439.0 31	335.0 31	275.0 30	197.0 30	108.0 30	85.0 28	66.0 30	45.0 32
1954	2840.0 10	1670.0 10	839.0 14	576.0 15	328.0 19	166.0 23	112.0 25	85.0 25	59.0 27
1955	605.0 30	591.0 27	410.0 28	272.0 31	146.0 35	80.0 36	60.0 35	46.0 35	37.0 35
1956	212.0 41	191.0 39	142.0 38	122.0 38	95.0 37	63.0 37	46.0 37	36.0 37	25.0 38
1957	3940.0 6	3350.0 3	1750.0 2	863.0 3	438.0 13	394.0 5	294.0 5	222.0 7	147.0 8
1958	1420.0 14	941.0 18	628.0 24	437.0 23	421.0 15	262.0 14	190.0 16	144.0 16	99.0 16
1959	294.0 40	198.0 38	129.0 39	116.0 39	77.0 38	48.0 40	34.0 40	27.0 40	29.0 37
1960	1780.0 13	964.0 16	902.0 10	724.0 7	571.0 2	308.0 11	241.0 11	224.0 6	166.0 6
1961	362.0 37	324.0 37	246.0 37	192.0 36	154.0 33	83.0 35	58.0 36	45.0 36	32.0 36
1962	1110.0 17	948.0 17	898.0 11	789.0 6	530.0 4	342.0 8	271.0 6	205.0 10	136.0 10
1963	300.0 39	186.0 40	120.0 40	89.0 40	70.0 40	60.0 38	42.0 38	33.0 38	23.0 40
1964	745.0 27	692.0 25	591.0 25	386.0 26	273.0 23	143.0 27	97.0 27	74.0 28	61.0 25
1965	5940.0 3	3380.0 2	1610.0 3	809.0 4	486.0 6	323.0 9	266.0 8	297.0 3	215.0 3
1966	6750.0 2	3160.0 4	1560.0 4	793.0 5	451.0 11	260.0 15	255.0 10	219.0 8	160.0 7
1967	3040.0 8	1910.0 8	914.0 8	463.0 22	238.0 27	122.0 28	83.0 29	69.0 29	61.0 26
1968	1100.0 18	978.0 15	913.0 9	630.0 10	460.0 10	375.0 6	267.0 7	202.0 11	135.0 11
1969	2590.0 11	2150.0 7	1160.0 7	592.0 14	307.0 21	187.0 20	199.0 14	151.0 15	103.0 14
1970	2950.0 9	1630.0 11	750.0 17	360.0 27	182.0 32	94.0 34	64.0 34	49.0 34	46.0 31
1971	308.0 38	182.0 41	119.0 41	77.0 41	41.0 41	26.0 41	19.0 41	15.0 41	11.0 41
1972	5650.0 4	2580.0 5	1230.0 6	599.0 13	303.0 22	163.0 24	194.0 15	152.0 14	101.0 15

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
12.3	14.3	38.4	60.7	66.3	173	178	20.6	5.18	6.85	18.9	15.8
1455	705	5990	18970	8451	20210	33190	1256	10.1	10.6	1105	1015
38.1	26.5	77.4	138	91.9	142	182	35.4	3.17	3.25	33.2	31.9
5.98	3.41	2.81	3.16	2.01	1.04	1.04	4.15	3.64	1.13	3.71	4.18
3.11	1.85	2.02	2.27	1.39	0.82	1.02	1.72	0.61	0.47	1.75	2.01
2.01	2.35	6.29	9.95	10.9	28.3	29.2	3.37	0.85	1.12	3.10	2.59

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
50.3	1038	32.2	1.16	0.64	-0.210

LITTLE COLORADO RIVER BASIN

09398500 CLEAR CREEK BELOW WILLOW CREEK, NEAR WINSLOW, AZ

LOCATION.--Lat 34°40'03", long 111°00'25", in SW¼SE¼ sec.19, T.15 N., R.13 E., Coconino County, Hydrologic Unit 15020008, in Sitgreaves National Forest, on right bank 2 mi (3 km) downstream from Willow Creek and 30 mi (48 km) southwest of Winslow.

DRAINAGE AREA.--321 mi² (831 km²).

REMARKS.--Records fair except those for period of no gage-height record, which are poor. Flow is partially controlled by Blue Ridge Reservoir (usable capacity 15,000 acre-ft or 18.5 km³) about 20 mi (32 km) upstream. (See sta 09398300.) Diversion to East Verde River from Blue Ridge Reservoir. (See sta 09507580.)

WATER YEAR	ANNUAL PEAK DISCH, CFS	DATE	CODES	GAUGE HEIGHT OF ANNUAL PEAK, FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1948	1810	04-12-48		9.54	1948	57100
1949	1990	04-15-49		9.75	1949	104000
1950	1090	02-28-50		8.17	1950	29100
1951	8090	08-29-51		16.3	1951	26700
1952	16400	01-18-52		21.5	1952	142000
1953	497	03-11-53		6.54	1953	21500
1954	5730	03-23-54		12.6	1954	30100
1955	1220	06-14-55		8.51	1955	22600
1956	198	03-26-56		5.17	1956	12600
1957	8880	01-10-57		16.25	1957	80800
1958	2920	03-22-58		11.2	1958	80800
1959	296	08-20-59		5.83	1959	14600
1960	2770	12-25-59		11.06	1960	85100
1961	1080	04-05-61		8.15	1961	18500
1962	2240	02-13-62		10.29	1962	80600
1963	403	02-11-63		6.21	1963	15100
1964	1210	04-16-64		8.49	1964	34700
1965	5600	01-07-65	UR	14.00	1965	100000
1966	13100	12-30-65	UR	19.10	1966	98400
1967	9970	12-07-66	UR	17.14	1967	34500
1968	1840	04-02-68	UR	9.82	1968	91000
1969	5550	01-26-69	UR	14.15	1969	68000
1970	15800	09-06-70	UR	20.65	1970	29200
1971	1180	08-27-71	UR	8.47	1971	7620
1972	5840	12-26-71	UR	14.20	1972	30300
1973	8190	10-20-72	UR	15.99	1973	202000
1974	589	03-21-74	UR	6.96	1974	17100
1975	920	04-26-75	UR	7.84	1975	31700

DISCHARGE, IN CUBIC FEET PER SECOND MEAN DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
	NUMBER OF DAYS IN CLASS																																				
1948	161						2	3	3	3	3	3	3	5	7	23	19	21	14	17	16	16	9	6	7	5	5	13	2								
1949	168						5	2	5	1	5	7	9	3	4	3	6	21	21	8	8	11	12	15	13	10	20	8									
1950	208						2	2	1	2	3	2	5	5	12	8	7	13	9	10	15	23	9	11	9	6	2	1									
1951	261							2	2		2	2		2	3	2	3	4	8	20	20	16	10	1	1	2	2		1	1							
1952	160						1	1	2	1	2	4	6	4	5	5	10	6	8	15	13	35	20	10	7	6	10	19	11	2	2	1					
1953	216						2	2	2	1	1	5	4	9	7	7	12	12	9	32	9	4	2	15	7	7											
1954	311						1	2	2		1	1	1	3	4	2	2	1	2	2	3	2	2	2	7	5	7		1		1						
1955	227						4	4	3	3	4	4	5	3	5	3	5	17	7	11	13	13	14	8	6	3	2	1									
1956	211						1		1		1	6	6	17	8	13	9	16	6	19	22	14	8	8													
1957	206						2	1		1	1	2	2	3	2	7	9	14	15	11	5	18	11	13	7	11	13	8		1	1	1					
1958	126						1	5	1	1	2	5	12	9	10	12	7	18	10	18	23	22	16	13	19	15	7	8	5								
1959	187						1	5	6	2	7	20	6	4	8	15	9	8	11	15	18	27	12	4													
1960	136						4	5	3	1	5	6	4	5	5	5	6	9	10	20	25	37	25	10	6	14	7	13	5								
1961	254						2	3	1	4	2	4	7	7	10	6	3	4	5	7	10	9	11	7	3	2	3	1									
1962	212						1	1	1	3	1	2	4	4	2	2	2	2	3	11	21	9	6	6	5	6	16	7	1								
1963	230						2	1	1	1	1	4	3	3	4	8	14	14	10	10	22	18	7	11	2												
1964	253						1	3	2	1	1	3	4	4	8	7	6	4	5	6	9	12	8	10	5	3	2	9									
1965	175						1	3	3	1	5	6	5	5	3	3	2	4	17	8	20	29	9	16	13	9	10	7	5	5	1						
1966	192						1	2	1	1	1	2	2	2	2	2	18	28	12	6	16	16	10	6	7	8	15	3	9	1	1						
1967	154						2	4	3	5	16	5	27	11	20	15	14	20	11	18	15	11	4	2	2	1											
1968	223							2	2		2	2	2	3	5	6	8	3	4	5	4	6	7	12	13	22	19	7	7								
1969	229						1	1		1			2	1	1	1	2	9	21	24	8	11	6	7	8	14	3	7	4								
1970	233						1	1	2	2	7	2	4	5	3	3	6	3	4	8	9	10	18	18	14	2	1										
1971	221							1	1	1	7	2	2	2	3	8	17	22	9	10	17	10	5	4	13	9											
1972	193	1						2	1	1	2	2	1	57	15	13	13	7	7	6	5	8	9	9	4	4	1	1	1	1	1						
1973	97							1	2	2	2	5	3	3	3	2	8	9	14	15	32	42	24	25	12	12	9	7	14	15	5						
1974	254	1						1	1	1	1	1	1	6	11	11	6	6	5	7	10	7	7	6	8	8	5										
1975	233						4	1	1	4	3	1	2	2	4	3	4	2	15	6	4	7	3	1	17	15	11	9	7	6							

UR Unknown effect of regulation or diversion.

LITTLE COLORADO RIVER BASIN

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09398500 CLEAR CREEK BELOW WILLOW CREEK, NEAR WINSLOW, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--Continued

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	5731	10227	100.0	12	1.8	138	4069	39.8	24	240	186	775	7.5
1	0.01	2	4496	44.0	13	2.8	256	3931	38.4	25	350	180	589	5.7
2	0.02	0	4494	43.9	14	4.2	189	3675	35.9	26	530	139	409	3.9
3	0.03	6	4494	43.9	15	6.2	205	3486	34.1	27	800	142	270	2.6
4	0.04	5	4488	43.9	16	9.3	216	3281	32.1	28	1200	80	128	1.2
5	0.07	6	4483	43.8	17	14.0	279	3065	30.0	29	1800	27	48	.4
6	0.10	43	4477	43.8	18	21.0	270	2786	27.2	30	2700	15	21	.2
7	0.20	77	4434	43.4	19	31.0	346	2516	24.6	31	4000	4	6	
8	0.40	51	4357	42.6	20	47.0	364	2170	21.2	32	6000	2	2	
9	0.60	46	4306	42.1	21	70.0	473	1806	17.7	33				
10	0.80	81	4260	41.7	22	110.0	301	1333	13.0	34				
11	1.20	110	4179	40.9	23	160.0	257	1032	10.1					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1948	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.93 27	1.10 23	42.00 20
1949	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	1.80 28	1.40 24	139.00 27
1950	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 1	0.00 1	12.00 8
1951	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 2	0.00 2	8.20 4
1952	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	3.20 29	6.20 28	166.00 29
1953	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 3	0.00 3	13.00 9
1954	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 4	0.00 4	40.00 18
1955	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 5	0.00 5	11.00 6
1956	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 6	0.00 6	8.20 5
1957	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 7	0.59 19	18.00 13
1958	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.23 25	6.90 29	108.00 26
1959	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 8	2.10 27	18.00 14
1960	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 9	1.60 25	42.00 19
1961	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 10	0.00 7	14.00 11
1962	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 11	0.00 8	93.00 23
1963	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 12	0.00 9	18.00 12
1964	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 13	0.00 10	1.80 2
1965	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.34 26	0.47 17	95.00 24
1966	0.00 19	0.00 19	0.00 19	0.00 19	0.00 19	0.00 19	0.00 14	0.00 11	33.00 17
1967	0.00 20	0.00 20	0.00 20	0.00 20	0.00 20	0.00 20	0.04 24	1.70 26	12.00 7
1968	0.00 21	0.00 21	0.00 21	0.00 21	0.00 21	0.00 21	0.00 15	0.84 21	95.00 25
1969	0.00 22	0.00 22	0.00 22	0.00 22	0.00 22	0.00 22	0.00 16	0.00 12	75.00 22
1970	0.00 23	0.00 23	0.00 23	0.00 23	0.00 23	0.00 23	0.00 17	0.75 20	28.00 15
1971	0.00 24	0.00 24	0.00 24	0.00 24	0.00 24	0.00 24	0.00 18	0.54 18	5.60 3
1972	0.00 25	0.00 25	0.00 25	0.00 25	0.00 25	0.00 25	0.00 19	0.00 13	0.00 1
1973	0.00 26	0.00 26	0.00 26	0.00 26	0.00 26	0.00 26	0.00 20	0.87 22	161.00 28
1974	0.00 27	0.00 27	0.00 27	0.00 27	0.00 27	0.00 27	0.00 21	0.00 14	13.00 10
1975	0.00 28	0.00 28	0.00 28	0.00 28	0.00 28	0.00 28	0.00 22	0.00 15	32.00 16

09398500 CLEAR CREEK BELOW WILLOW CREEK, NEAR WINSLOW, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1948	1460.0 16	1340.0 16	1090.0 12	989.0 8	723.0 9	410.0 11	296.0 12	231.0 12	155.0 12
1949	1580.0 14	1520.0 12	1380.0 8	1230.0 3	914.0 4	763.0 2	548.0 2	429.0 3	298.0 3
1950	942.0 19	706.0 21	543.0 21	384.0 20	284.0 17	205.0 17	148.0 18	113.0 18	80.0 18
1951	3270.0 10	2200.0 7	1030.0 14	488.0 17	244.0 21	122.0 23	81.0 24	74.0 20	73.0 19
1952	5600.0 3	3470.0 4	1720.0 6	1210.0 4	1130.0 2	721.0 3	500.0 3	515.0 2	388.0 2
1953	442.0 24	401.0 24	356.0 24	302.0 24	268.0 18	153.0 18	110.0 19	89.0 19	59.0 22
1954	3620.0 8	1970.0 10	1020.0 15	753.0 14	498.0 13	253.0 13	169.0 14	126.0 14	83.0 16
1955	831.0 21	635.0 22	471.0 22	310.0 23	234.0 23	120.0 24	93.0 22	70.0 23	62.0 21
1956	185.0 28	179.0 27	173.0 26	132.0 26	119.0 25	86.0 25	62.0 26	49.0 25	35.0 25
1957	4710.0 5	3670.0 3	1960.0 2	1000.0 7	611.0 12	528.0 6	426.0 7	332.0 8	223.0 8
1958	1710.0 13	1450.0 13	1070.0 13	755.0 13	625.0 10	424.0 10	330.0 11	251.0 11	191.0 10
1959	228.0 27	188.0 26	155.0 27	132.0 27	117.0 26	82.0 26	56.0 27	42.0 27	32.0 26
1960	1410.0 17	1210.0 17	1140.0 11	916.0 9	810.0 7	482.0 8	350.0 10	325.0 9	230.0 7
1961	886.0 20	794.0 19	589.0 20	384.0 21	252.0 20	141.0 19	94.0 20	71.0 22	47.0 23
1962	1900.0 12	1420.0 14	1300.0 9	1150.0 5	893.0 5	498.0 7	448.0 5	338.0 7	222.0 9
1963	326.0 25	232.0 25	214.0 25	166.0 25	96.0 27	82.0 27	64.0 25	48.0 26	32.0 27
1964	1020.0 18	977.0 18	949.0 17	711.0 15	461.0 14	253.0 14	169.0 15	126.0 15	96.0 13
1965	3640.0 7	2120.0 8	1820.0 5	1350.0 2	925.0 3	610.0 5	437.0 6	387.0 4	276.0 4
1966	7150.0 1	3810.0 2	1890.0 3	1040.0 6	798.0 8	433.0 9	375.0 8	359.0 6	271.0 5
1967	6020.0 2	3930.0 1	1840.0 4	880.0 11	443.0 15	228.0 16	153.0 17	124.0 17	93.0 14
1968	1570.0 15	1360.0 15	1220.0 10	901.0 10	844.0 6	612.0 4	498.0 4	376.0 5	250.0 6
1969	3740.0 6	2540.0 6	1440.0 7	871.0 12	612.0 11	343.0 12	358.0 9	285.0 10	187.0 11
1970	5000.0 4	2030.0 9	923.0 18	435.0 19	218.0 24	124.0 22	86.0 23	65.0 24	68.0 20
1971	300.0 26	157.0 28	113.0 28	106.0 28	81.0 28	45.0 28	34.0 28	26.0 28	18.0 28
1972	850.0 11	1810.0 11	957.0 16	504.0 16	264.0 19	135.0 21	161.0 16	125.0 16	83.0 17
1973	3350.0 9	2970.0 5	2610.0 1	2220.0 1	1860.0 1	1220.0 1	887.0 1	683.0 1	480.0 1
1974	515.0 23	434.0 23	388.0 23	314.0 22	235.0 22	138.0 20	94.0 21	72.0 21	47.0 24
1975	769.0 22	722.0 20	640.0 19	486.0 18	314.0 16	246.0 15	175.0 13	132.0 13	87.0 15

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
22.2	19.5	62.8	82.6	69.4	209	351	72.9	1.71	0.22	23.1	16.0
5637	1785	15170	24560	12500	34250	144100	40290	52.9	0.59	3222	2373
75.1	42.2	123	157	112	185	380	201	7.28	0.77	56.8	48.7
4.01	2.44	2.32	2.22	2.63	1.53	1.17	4.57	5.19	4.48	3.20	3.61
3.38	2.17	1.96	1.90	1.61	0.89	1.08	2.75	4.25	3.41	2.45	3.05
2.39	2.10	6.75	8.88	7.46	22.4	37.7	7.84	0.18	0.02	2.49	1.72

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
77.4	4042	63.6	1.43	0.82	-0.251

LITTLE COLORADO RIVER BASIN

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09399000 CLEAR CREEK NEAR WINSLOW, AZ

LOCATION.--Lat 34°58'10", long 110°38'40", in SE4SE4 sec.9, T.18 N., R.16 E., Navajo County, Hydrologic Unit 15020008, on right bank 10 ft (3.0 m) downstream from bridge on State Highway 99, 1.5 mi (2.4 km) upstream from mouth, and 5 mi (8 km) southeast of Winslow.

DRAINAGE AREA.--607 mi² (1,572 km²).

REMARKS.--Records fair except for those below 10 ft³/s (0.28 m³/s), which are poor. Records show discharge over dam and do not include flow in canal that diverts at dam or leakage through dam. Storage in and diversion from Blue Ridge Reservoir near Pine, about 50 mi (80 km) upstream, since December 1964. (See sta 09398300.)

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT,FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1929	50000	04-04-29		18.1				1930	28900
1930	1080	04-10-30		2.28				1931	44600
1931	850	03-24-31		2.13	NM	5.93	08-30-31	1932	149000
1932	6100	02-10-32		9.08				1933	37600
1933	780	04-05-33		6.06				1936	46800
1934	6300	-		9.15				1937	117000
1936	1680	04-14-36		6.71				1938	64700
1937	2790	03-17-37		7.43				1939	30000
1938	26200	03-04-38		14.3				1940	21900
1939	1500	04-04-39		6.62				1941	175000
1940	1840	08-15-40		6.85				1942	53300
1941	3300	03-15-41		7.73				1943	43600
1942	1940	04-06-42		6.97				1944	72600
1943	1500	03-11-43		6.64				1945	42900
1944	1500	04-08-44		6.71				1946	11900
1945	2230	04-22-45		7.14				1947	30500
1946	1100	09-20-46		6.34				1948	50900
1947	1740	11-25-46		6.83				1949	104000
1948	1810	04-13-48		6.90				1950	24800
1949	1970	04-16-49		7.00				1951	21400
1950	1000	03-01-50		6.30				1952	151000
1951	8530	08-30-51		9.95				1953	18800
1952	22500	01-19-52		13.4				1954	27400
1953	695	08-27-53		6.03				1955	17700
1954	5800	03-24-54		8.64				1956	9400
1955	1080	08-25-55		6.05				1957	70600
1956	173	03-27-56		5.05				1958	66300
1957	9150	01-11-57		9.83				1959	11800
1958	2920	03-23-58		7.34				1960	76700
1959	542	10-01-58		6.68				1961	14700
1960	2440	12-26-59		8.19				1962	80800
1961	925	04-06-61		6.99				1963	10100
1962	2330	02-13-62		8.05				1964	26900
1963	881	09-02-63		7.03				1965	81300
1964	1060	04-17-64		7.15				1966	98500
1965	5930	01-08-65	UR	9.69				1967	33200
1966	18500	12-30-65	UR	13.41				1968	94000
1967	12500	12-07-66	UR	11.90				1969	67100
1968	1840	04-02-68	UR	7.80				1970	20400
1969	5550	01-26-69	UR	14.15				1971	5050
1970	9650	09-06-70	UR	11.10				1972	23800
1971	1460	08-05-71	UR	7.49				1973	196000
1972	5480	12-27-71	UR	9.59				1974	14100
1973	9350	10-20-72	UR	11.00				1975	37100
1974	538	03-22-74	UR	6.61					
1975	3940	09-12-75	UR	8.95					

NM Not maximum gage height for water year.

UR Unknown effect of regulation or diversion.

LITTLE COLORADO RIVER BASIN

09399000 CLEAR CREEK NEAR WINSLOW, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
	NUMBER OF DAYS IN CLASS																																				
1930	261											1	1		2	2	4	9	10	12	12	12	14	10	7	3	5										
1931	235											2	1	2	3	3	3	9	10	4	16	13	19	16	13	12	4										
1932	166											1	1	1		2	2	9	17	35	21	13	12	7	22	16	12	18	9	1	1						
1933	220											3	9	24	15	3	4	4	3	7	3	6	19	18	15	11	1										
1936	267							1			1				2	1	2	2	3	3	3	6	12	14	14	3	4	7									
1937	228							7	25			1		1		1	2	2	2	2	1	3	8	14	17	12	19	15		5							
1938	264							9	13			4	1	1	1	2	4	2	3	1	1	4	12	7	9	7	5	4	4			1			1		
1939	223							28	48	16		1	2	1	2	1	1	2	2	3	1	3	1	2	3	9	8	5	2								
1940	171											31	22	8	16	4	3	10	7	11	10	12	21	7	10	1											
1941	120											7	2	3	6	5	4	6	5	7	22	25	28	22	23	32	26	16	5	1							
1942	176											3	1	1	1	1	6	16	31	33	15	16	21	19	9	9	5	1	1								
1943	278											3	3	2	1	1	2	3	3	4	4	10	5	15	14	11	4	2									
1944	277											2	2	1	1	2	3	2	2	3	2	5	10	3	7	19	20	5									
1945													43	181	29	4	15	8	9	13	10	17	16	6	6	6	2										
1946	277											9	7	5	6	7	3	5	4	18	4	6	5	3	3	2	1										
1947	121							5	9			18	11	6	6	13	20	24	14	13	25	29	24	10	4	3	2										
1948	155							34	49	10		1	3	2	3	2	5	5	3	8	11	15	7	11	7	5	6	14	3								
1949	108							8	61	28	3	6	1	1	1	1	7	4	4	12	21	6	6	13	15	15	13	12	18	2							
1950	126							10	9	4	63	22	31	1	2	3	5	3	6	7	7	17	13	11	11	10	3	1									
1951	93							21	15	14	120	8	6	5	2	4	3	4	10	15	13	11	8	5	2	1	3										
1952	24							8	5	7	26	10	13	72	25	14	3	2	5	13	12	13	30	19	8	8	7	15	18								
1953	95							15	11	7	16	31	37	46	15	10	6	7	33	2	2	2	2	12	9	5											
1954	39							17	13	9	72	72	66	35	2	3	3	1	1	2	2	2	1	3	4	8	4	4	1								
1955	58							6	3	1	4	8	91	87	11	11	10	9	8	9	11	10	6	7	6	6	1	2									
1956	19							1	1	1	2	12	155	100	6	1	2	3	3	8	15	15	10	12													
1957	16							9	5	12	32	14	31	59	48	7	8	11	8	13	8	8	19	14	7	9	12	10	2	1	1	1					
1958	79							7	12	24	24	7	15	7	13	10	6	9	10	27	16	20	13	11	9	22	11	8	4	1							
1959	125							6	3	8	4	7	26	61	31	6	8	4	8	14	7	16	23	9	1	1											
1960	118							2	1	1	10	21	7	10	13	4	6	7	8	16	20	36	25	15	5	6	12	14	9								
1961	161							15	17	20	24	13	17	15	42	2	1	1	2	2	3	5	1	13	3	3	2	3									
1962	6							6	7	4	33	29	102	58	17	5	3	2	1	3	2	8	17	18	5	7	3	12	16	1							
1963	72							1		6	12	7	49	89	29	5	10	5	12	23	11	15	8	10		1											
1964	19							1	20	7	29	43	67	91	12	6	8	9	3	7	4	4	7	9	6	4	1	9									
1965								1	5	2	18	31	98	42	8	2	2	3	22	16	14	24	12	19	8	11	8	9	4	5							
1966	59							2	12	20	41	13	12	26	18	3	2	10	35	20	8	9	9	15	8	7	12	10	10	2	1						
1967	142							1	2		13	3	7	14	52	42	10	4	7	7	7	11	15	10	6	3	2	2	1								
1968	78							1		1	4	8	9	63	21	22	42	9	2	1	2	4	2	2	7	4	8	7	19	29	11	10					
1969	189							2	2	1	4	2	2	12	7	4	9	5	1	4	17	36	7	8	6	7	3	10	11	7	6	1	2				
1970	238							1		1	5	2	3	5	5	15	4	1	1	2	6	8	11	12	12	15	12	2	1	1							
1971	258							1	2	2	2	5	6	4	15	14	4	4	1	2	4	3	7	3	6	10	9										
1972	278							4		1		3	1	3	5	2	2	3	4	6	7	8	11	6	3	7	4	2	3	1	2						
1973	56									9	11	4	8	14	6	3	1	4	3	3	22	22	40	31	17	19	22	17	10	8	10	17	7	1			
1974	246							1	1	1	2	5	5	32	7	12	3	4	2	2	4	3	3	3	2	4	4	11	6	2							
1975	57							1		5	4	21	13	5	26	42	30	38	17	9	2	2	5	6	5	4	8	18	12	10	13	8	5				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	6218	16071	100.0	12	1.6	987	6575	40.9	24	270	381	1248	7.7
1	0.01	2	9853	61.3	13	2.4	439	5588	34.8	25	420	321	867	5.3
2	0.02	3	9851	61.3	14	3.7	379	5149	32.0	26	640	273	546	3.3
3	0.03	14	9848	61.3	15	5.7	201	4770	29.7	27	980	186	273	1.4
4	0.05	10	9834	61.2	16	8.7	202	4569	28.4	28	1500	56	87	0.4
5	0.07	10	9824	61.1	17	13.0	391	4367	27.2	29	2300	22	31	0.1
6	0.10	282	9814	61.1	18	21.0	445	3976	24.7	30	3600	5	9	0.0
7	0.20	395	9532	59.3	19	32.0	452	3531	22.0	31	5500		4	
8	0.30	243	9137	56.9	20	49.0	484	3079	19.2	32	8400	4	4	
9	0.40	746	8694	55.3	21	75.0	474	2595	16.1	33	13000			
10	0.70	526	8148	50.7	22	110.0	509	2121	13.2	34				
11	1.00	1047	7622	47.4	23	180.0	364	1612	10.0					

LITTLE COLORADO RIVER BASIN

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09399000 CLEAR CREEK NEAR WINSLOW, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CURIC FEET PFR SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	23.00 21
1930									
1931	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.39 32	0.87 31	55.00 33
1932	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	0.00 2	169.00 43
1933	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.64 34	0.94 32	36.00 28
1936	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 3	0.00 3	34.00 26
1937	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 4	0.00 4	143.00 41
1938	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 5	0.00 5	14.00 17
1939	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 6	0.00 6	37.00 29
1940	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 7	1.10 35	21.00 20
1941	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 8	0.46 23	227.00 45
1942	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 9	0.00 7	55.00 34
1943	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 10	0.00 8	27.00 24
1944	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 11	0.00 9	17.00 19
1945	2.80 45	2.80 45	2.90 45	3.20 45	3.40 45	4.20 45	4.40 45	4.50 45	30.00 25
1946	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 12	0.00 10	7.50 9
1947	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.03 21	0.46 24	7.30 8
1948	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.02 19	0.02 15	26.00 23
1949	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 13	0.04 16	127.00 40
1950	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	1.00 37	0.75 29	13.00 13
1951	0.00 19	0.00 19	0.00 19	0.00 19	0.00 19	0.00 19	0.02 20	0.39 21	2.30 3
1952	0.00 20	0.00 20	0.00 20	0.00 20	0.41 43	0.86 40	1.90 43	3.30 44	181.00 44
1953	0.00 21	0.00 21	0.00 21	0.00 21	0.01 36	0.12 33	0.37 30	0.73 27	14.00 14
1954	0.00 22	0.00 22	0.00 22	0.01 42	0.03 38	0.09 32	0.60 33	0.95 33	38.00 30
1955	0.00 23	0.00 23	0.00 23	0.00 22	0.02 37	1.30 44	1.50 42	1.60 39	4.80 4
1956	0.00 24	0.00 24	0.00 24	0.00 23	0.24 41	0.62 38	1.00 38	1.10 36	8.60 10
1957	0.00 25	0.00 25	0.00 25	0.00 24	0.07 39	0.91 41	1.19 39	1.19 37	15.00 18
1958	0.00 26	0.00 26	0.00 26	0.00 25	0.00 20	0.03 30	0.07 24	0.98 34	86.00 37
1959	0.00 27	0.00 27	0.00 27	0.00 26	0.00 21	0.05 31	0.21 26	0.86 30	13.00 11
1960	0.00 28	0.00 28	0.00 28	0.00 27	0.00 22	0.00 20	0.15 25	0.21 19	46.00 31
1961	0.00 29	0.00 29	0.00 29	0.00 28	0.00 23	0.00 21	0.04 22	0.16 17	7.00 6
1962	0.00 30	0.00 30	0.04 43	0.14 43	0.25 42	0.63 39	0.75 36	0.75 28	86.00 38
1963	0.00 31	0.00 31	0.00 30	0.00 29	0.00 24	0.00 22	0.22 27	1.60 40	13.00 12
1964	0.00 32	0.00 32	0.00 31	0.00 30	0.19 40	0.34 36	1.30 40	1.50 38	1.80 2
1965	0.10 44	0.17 44	0.21 44	0.44 44	0.90 44	1.00 42	1.30 41	1.90 42	70.00 35
1966	0.00 33	0.00 33	0.00 32	0.00 31	0.00 25	0.24 34	0.39 31	0.46 22	35.00 27
1967	0.00 34	0.00 34	0.00 33	0.00 32	0.00 26	0.00 23	0.30 28	0.39 20	7.00 7
1968	0.00 35	0.00 35	0.00 34	0.00 33	0.00 27	0.45 37	0.65 35	0.64 25	100.00 39
1969	0.00 36	0.00 36	0.00 35	0.00 34	0.00 28	0.00 24	0.00 14	0.66 26	80.00 36
1970	0.00 37	0.00 37	0.00 36	0.00 35	0.00 29	0.00 25	0.00 15	0.00 11	14.00 15
1971	0.00 38	0.00 38	0.00 37	0.00 36	0.00 30	0.00 26	0.00 16	0.00 12	6.80 5
1972	0.00 39	0.00 39	0.00 38	0.00 37	0.00 31	0.00 27	0.00 17	0.00 13	0.66 1
1973	0.00 40	0.00 40	0.00 39	0.00 38	0.00 32	0.24 35	0.31 29	1.70 41	144.00 42
1974	0.00 41	0.00 41	0.00 40	0.00 39	0.00 33	0.00 28	0.00 18	0.00 14	14.00 16
1975	0.00 42	0.00 42	0.00 41	0.00 40	0.00 34	0.02 29	0.05 23	0.16 18	25.00 22

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1930	861.0 31	791.0 29	690.0 29	470.0 28	353.0 28	215.0 28	157.0 27	118.0 27	80.0 28
1931	726.0 36	659.0 35	644.0 30	517.0 27	403.0 25	315.0 21	239.0 21	180.0 21	122.0 20
1932	4690.0 6	2790.0 7	1540.0 9	1400.0 3	1220.0 2	882.0 2	773.0 3	597.0 3	408.0 4
1933	675.0 37	638.0 36	552.0 33	444.0 30	337.0 29	281.0 23	206.0 23	155.0 23	103.0 23
1936	1360.0 23	1330.0 21	1200.0 15	897.0 16	564.0 17	386.0 16	262.0 18	197.0 19	129.0 19
1937	2120.0 15	1640.0 15	1400.0 10	1150.0 9	819.0 9	744.0 5	651.0 4	493.0 5	323.0 5
1938	12900.0 1	5650.0 1	2980.0 1	1720.0 2	999.0 4	542.0 9	362.0 12	271.0 15	178.0 15
1939	1200.0 25	1080.0 25	777.0 28	665.0 22	491.0 22	252.0 25	168.0 25	126.0 26	83.0 26
1940	440.0 40	403.0 40	323.0 39	259.0 39	190.0 39	157.0 31	116.0 32	88.0 33	58.0 33
1941	2920.0 14	1890.0 11	1400.0 11	1270.0 5	963.0 5	852.0 3	779.0 2	623.0 2	465.0 2
1942	1770.0 18	1320.0 22	1010.0 19	766.0 19	515.0 19	351.0 19	250.0 19	204.0 18	147.0 17
1943	1170.0 26	935.0 27	846.0 25	673.0 21	509.0 20	356.0 18	244.0 20	183.0 20	120.0 21
1944	1260.0 24	1200.0 23	1040.0 18	906.0 15	762.0 13	586.0 8	406.0 9	305.0 11	200.0 12
1945	1060.0 27	1010.0 26	869.0 24	603.0 25	470.0 23	305.0 22	219.0 22	167.0 22	114.0 22
1946	746.0 35	526.0 37	276.0 40	138.0 40	108.0 40	56.0 42	37.0 42	28.0 42	26.0 40
1947	906.0 29	682.0 33	397.0 36	320.0 36	193.0 37	128.0 33	94.0 34	96.0 32	80.0 27
1948	1460.0 21	1350.0 20	1080.0 16	971.0 12	700.0 14	391.0 15	278.0 17	213.0 17	140.0 18
1949	1630.0 19	1550.0 16	1390.0 12	1220.0 6	901.0 6	745.0 4	536.0 5	421.0 6	286.0 6
1950	871.0 30	664.0 34	506.0 34	363.0 33	261.0 31	190.0 30	133.0 30	100.0 30	68.0 31
1951	3690.0 9	1930.0 10	914.0 21	439.0 31	221.0 35	111.0 37	74.0 38	67.0 35	58.0 34
1952	9370.0 2	4310.0 3	2100.0 4	1310.0 4	1180.0 3	737.0 6	511.0 7	558.0 4	413.0 3
1953	470.0 39	453.0 38	394.0 38	333.0 35	278.0 30	147.0 32	102.0 33	77.0 34	51.0 36
1954	3110.0 12	1650.0 14	871.0 23	660.0 23	445.0 24	223.0 27	149.0 28	112.0 28	75.0 29
1955	790.0 34	684.0 32	486.0 35	319.0 37	220.0 36	111.0 38	82.0 35	62.0 36	47.0 37
1956	162.0 44	157.0 44	148.0 43	112.0 41	97.0 42	70.0 40	48.0 40	37.0 40	25.0 41
1957	4740.0 5	3210.0 5	1790.0 6	917.0 13	531.0 18	464.0 12	372.0 11	290.0 13	193.0 13
1958	1870.0 16	1360.0 19	968.0 20	676.0 20	569.0 16	378.0 17	286.0 16	216.0 16	162.0 16
1959	409.0 41	273.0 41	162.0 41	110.0 42	98.0 41	62.0 41	42.0 41	32.0 41	23.0 42
1960	1360.0 22	1120.0 24	1060.0 17	866.0 17	772.0 10	461.0 13	331.0 15	302.0 12	210.0 11
1961	799.0 32	722.0 31	560.0 32	361.0 34	232.0 32	120.0 34	81.0 36	61.0 37	40.0 38
1962	1790.0 17	1460.0 17	1340.0 13	1170.0 7	891.0 7	503.0 10	448.0 8	337.0 9	222.0 9
1963	352.0 42	182.0 43	151.0 42	109.0 43	60.0 43	48.0 43	34.0 43	26.0 43	20.0 43
1964	912.0 28	874.0 28	842.0 26	625.0 24	391.0 26	210.0 29	140.0 29	106.0 29	72.0 30
1965	3760.0 8	2010.0 9	1630.0 7	1170.0 8	769.0 11	492.0 11	347.0 14	315.0 10	222.0 10
1966	8620.0 4	4210.0 4	2180.0 3	1110.0 10	769.0 12	413.0 14	386.0 10	369.0 8	270.0 7
1967	8630.0 3	4410.0 2	2070.0 5	986.0 11	496.0 21	249.0 26	166.0 26	129.0 25	91.0 25
1968	1460.0 20	1400.0 18	1240.0 14	910.0 14	834.0 8	625.0 7	518.0 6	393.0 7	258.0 8
1969	3500.0 10	2630.0 8	1560.0 8	843.0 18	607.0 15	332.0 20	359.0 13	281.0 14	185.0 14
1970	2960.0 13	1690.0 13	810.0 27	385.0 32	192.0 38	96.0 39	64.0 39	48.0 39	54.0 35
1971	275.0 43	184.0 42	81.0 44	71.0 44	49.0 44	25.0 44	17.0 44	12.0 44	14.0 44
1972	3410.0 11	1760.0 12	903.0 22	448.0 29	229.0 33	117.0 35	131.0 31	98.0 31	65.0 32
1973	4430.0 7	2990.0 6	2600.0 2	2160.0 1	1870.0 1	1220.0 1	889.0 1	680.0 1	470.0 1
1974	486.0 38	433.0 39	395.0 37	317.0 38	226.0 34	117.0 36	78.0 37	59.0 38	39.0 39
1975	791.0 33	744.0 30	642.0 31	524.0 26	362.0 27	267.0 24	191.0 24	143.0 24	95.0 24

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
13.5	15.7	47.9	59.9	75.9	234	379	84.3	1.33	1.26	12.2	12.2
2981	1283	12250	22080	18140	56250	134400	36780	15.4	4.78	1498	1244
54.6	35.8	111	149	135	237	367	192	3.93	2.19	38.7	35.3
5.53	2.93	2.92	3.47	2.31	1.50	0.99	4.05	5.33	2.17	4.49	3.87
4.04	2.28	2.31	2.48	1.77	1.01	0.97	2.28	2.96	1.73	3.17	2.86
1.44	1.68	5.11	6.39	8.10	25.0	40.4	8.99	0.14	0.13	1.30	1.30

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
76.1	4051	63.6	1.44	0.84	-0.215

LITTLE COLORADO RIVER BASIN

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09401000 LITTLE COLORADO RIVER AT GRAND FALLS, AZ

LOCATION.--Lat 35°26', long 111°12', in T.24 N., R.11 E. (unsurveyed), on left bank 1,000 ft (305 m) downstream from Grand Falls on Navajo Indian Reservation, 4.5 mi (7.2 km) upstream from Dinnebito Wash, 30 mi (48 km) northeast of Flagstaff, and 96 mi (154 km) upstream from mouth.

DRAINAGE AREA.--21,200 mi² (54,900 km²), approximately.

REMARKS.--Some regulation by reservoirs on headwaters (combined capacity, about 71,000 acre-feet or 88 hm³ in 1950, not including Lone Pine Reservoir or Lake Mary).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1923	120000	09-19-23	HP	1870	47.00	1927	394000
1926	27800	09-27-26			22.50	1928	87600
1927	28800	06-28-27			22.90	1929	511000
1928	2140	02-07-28			9.50	1930	189000
1929	50500	04-05-29			30.00	1931	165000
1930	13700	07-19-30			16.90	1932	466000
1931	6530	08-01-31			13.00	1933	129000
1932	31000	02-10-32			23.80	1934	71000
1933	7500	09-12-33			13.69	1935	215000
1934	4920	10-07-33			12.05	1936	165000
1935	7350	04-10-35			13.6	1937	340000
1936	5430	08-06-36			12.37	1938	170000
1937	21800	02-09-37			20.25	1939	83300
1938	38000	03-05-38			26.10	1940	132000
1939	6680	04-05-39			13.21	1941	587000
1940	20100	07-27-40			19.57	1942	149000
1941	17000	03-15-41			18.30	1943	103000
1942	8760	10-04-41			14.55	1944	129000
1943	3900	09-28-43			11.23	1945	160000
1944	5320	09-29-44			12.32	1946	116000
1945	4650	08-12-45			11.80	1947	127000
1946	12900	09-19-46			16.50	1948	182000
1947	10600	09-24-47			15.45	1949	268000
1948	12400	10-16-47			16.27	1951	46200
1949	10400	08-09-49			15.3	1954	107000
1950	3500	07-16-50				1955	152000
1951	10200	08-30-51			15.20	1956	18700
1952	26100	01-20-52			21.90	1957	170000
1953	4140	07-31-53			11.45	1958	161000
1954	7450	03-25-54			13.54	1959	47900
1955	9020	06-15-55			14.40		
1956	2320	08-17-56			9.62		
1957	8390	01-12-57			14.05		
1958	4560	08-23-58			11.57		
1959	3080	08-07-59			10.37		
1960	7960	11-01-59			13.80		
1970	11400	09-06-70	HK		15.6		
1972	13200	10-03-71	HK		16.50		

HP Isolated historic peak; not part of systematic record.
HK Historic peak; effect of regulation known.

09401000 LITTLE COLORADO RIVER AT GRAND FALLS, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1927	39						1		1	1	1	5	11	31	42	24	12	12	11	26	17	17	11	19	18	29	19	6	4	6	1	1				
1928	166						13		4	4	9	12	18	19	9	3	5	8	17	17	9	12	6	14	11	7	3									
1929	78						2		2	19	10	12	12	24	31	14	10	12	6	6	11	18	11	13	15	11	20	10	5	7	2	2	1	1		
1930	88						11		12	5	21	17	22	18	15	15	17	10	16	12	13	12	9	13	7	17	6	2	4	3						
1931	95						3			1	8	11	5	19	11	16	15	17	18	25	24	31	20	15	14	9	3	3	2							
1932	71						2		4	1	9	8	7	8	8	13	11	16	20	26	36	15	9	11	17	22	20	21	7	1	1				2	
1933	98						6		12	15	19	7	6	11	13	16	11	14	17	20	20	19	22	16	13	5	3									
1934	109						9		8	7	19	22	14	23	43	23	12	8	14	9	11	14	4	4	4	3	1	3	1							
1935	158						2		2	2	4	4	2	6	5	7	12	9	13	12	19	24	21	14	12	17	11	7	1	1						
1936	119						2		6	1	5	20	9	21	19	14	7	10	14	12	13	18	16	21	16	10	11	1	1							
1937	137						12		17	6	12	13	14	11	7	7	4	5	10	6	7	7	11	11	11	19	12	14	5	5	1	1				
1938	142						29		18	14	18	13	7	10	8	10	10	10	10	12	9	7	3	7	11	5	5	3	2							
1939	218						6		8	9	15	7	11	11	10	5	6	4	3	10	8	5	2	8	4	7	6									
1940	169						4		4	3	4	4	5	26	15	10	7	11	21	19	8	13	12	9	5	3	5	4	4							
1941	49						6		3	1	6	4	6	4	5	5	11	6	14	26	23	27	29	22	15	32	28	29	8	2	2					
1942	133						1				1	2	8	10	12	22	22	24	19	23	19	16	14	15	8	5	6	2	1	2						
1943	203						4		5	3	5	6	2	8	6	17	6	8	15	9	6	6	22	10	12	5	6	1								
1944	186	2	2	1	5	3	9		14	11	8	11	10	15	2	5	5	2	3	4	2	2	7	13	21	16	6	1								
1945	78						11		12	10	15	22	15	24	17	16	13	16	12	11	6	13	20	19	11	12	7	5								
1946	174						1		1	2	6	5	6	11	17	22	19	24	11	12	13	6	8	9	3	7	2	2	2	1	1					
1947	120						3		6	3	6	9	7	15	17	20	18	22	27	20	15	20	8	7	9	5	2	4	1	1						
1948	106		2		1	1	3		1	2	8	12	15	20	33	26	19	11	18	11	13	9	10	12	3	14	12									
1949	63	2	3	2	4	4	6	9	12	7	14	7	7	20	23	10	14	12	10	9	14	15	12	21	15	20	21	7								
1951	227	2	2	1	3	1	4	3	6	7	16	7	11	10	13	10	11	8	3	3	4	3	5	1	1											
1954	260						2	3	2	3	6	3	4	2	2	8	5	3	8	8	3	7	8	8	10	3	1	1								
1955	219	2	2	1		4	6	1	6	4	7	8	7	9	7	10	7	5	9	8	2	6	3	2	3	6	10	4	5	2						
1956	242	1	1		1	2	2		4	3	4	11	3	10	6	11	9	17	8	15	9	3	2	1	1											
1957	190		1	1		1	1	1	1	4	4	2	4	5	4	9	16	8	7	14	19	9	14	12	11	15	6	2	2	1	1					
1958	57	7	4	4	4	5	4	5	6	9	10	21	7	10	17	12	24	24	19	16	18	12	17	22	12	4	8	5	2							
1959	247	3	3			1		1	1	2	1	3	1	2	2	8	4	17	20	17	5	10	4	3	6		3	1								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	4241	10957	100.0	12	8.4	256	5543	50.6	24	710	299	1117	10.1
1	0.10	19	6716	61.3	13	12.0	413	5287	48.3	25	1000	308	818	7.4
2	0.20	20	6697	61.1	14	18.0	419	4874	44.5	26	1500	244	510	4.6
3	0.30	10	6677	60.9	15	25.0	388	4455	40.7	27	2200	138	266	2.4
4	0.40	18	6667	60.8	16	37.0	342	4067	37.1	28	3100	60	128	1.1
5	0.60	24	6649	60.7	17	53.0	353	3725	34.0	29	4500	42	68	.6
6	0.90	166	6625	60.5	18	77.0	393	3372	30.8	30	6500	12	26	.2
7	1.30	20	6459	58.9	19	110.0	418	2979	27.2	31	9400	9	14	.1
8	1.90	178	6439	58.8	20	160.0	376	2561	23.4	32	14000	4	5	
9	2.80	159	6261	57.1	21	230.0	376	2185	19.9	33	20000	1	1	
10	4.00	271	6102	55.7	22	340.0	340	1809	16.5	34				
11	5.80	288	5831	53.2	23	490.0	352	1469	13.4					

LITTLE COLORADO RIVER BASIN

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09401000 LITTLE COLORADO RIVER AT GRAND FALLS, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1927	0.00 1	0.00 1	0.00 1	0.00 1	1.60 30	15.00 29	16.00 26	25.00 23	405.00 29
1928	0.00 2	0.00 2	0.00 2	0.00 2	0.00 1	0.00 1	2.50 17	3.70 11	51.00 8
1929	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	0.32 19	15.00 25	18.00 20	155.00 20
1930	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3	6.00 25	8.30 20	9.70 16	106.00 18
1931	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	3.10 23	30.00 28	26.00 24	135.00 19
1932	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	9.10 27	40.00 29	105.00 29	324.00 27
1933	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	0.90 21	2.00 15	9.20 15	101.00 15
1934	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	8.60 26	11.00 23	13.00 17	16.00 3
1935	0.00 9	0.00 9	0.00 9	0.00 9	0.00 8	0.00 2	0.01 10	78.00 27	242.00 24
1936	0.00 10	0.00 10	0.00 10	0.00 10	0.00 9	0.10 18	6.60 19	8.60 14	83.00 13
1937	0.00 11	0.00 11	0.00 11	0.00 11	0.00 10	1.30 22	4.90 18	22.00 22	296.00 26
1938	0.00 12	0.00 12	0.00 12	0.00 12	0.00 11	0.00 3	0.96 14	3.60 10	93.00 14
1939	0.00 13	0.00 13	0.00 13	0.00 13	0.00 12	0.00 4	0.00 1	1.10 7	103.00 16
1940	0.00 14	0.00 14	0.00 14	0.00 14	0.00 13	0.00 5	0.30 13	3.90 12	55.00 9
1941	0.00 15	0.00 15	0.00 15	0.00 15	0.00 14	36.00 30	172.00 30	181.00 30	668.00 30
1942	0.00 16	0.00 16	0.00 16	0.00 16	0.00 15	0.00 6	0.00 2	1.60 8	157.00 21
1943	0.00 17	0.00 17	0.00 17	0.00 17	0.00 16	0.00 7	0.00 3	6.50 13	104.00 17
1944	0.00 18	0.00 18	0.00 18	0.00 18	0.00 17	0.00 8	0.00 4	0.00 1	66.00 11
1945	0.00 19	0.00 19	0.00 19	0.00 19	0.00 18	0.05 17	15.00 24	13.00 18	74.00 12
1946	0.00 20	0.00 20	0.00 20	0.00 20	0.00 19	0.00 9	0.12 11	18.00 21	31.00 6
1947	0.00 21	0.00 21	0.00 21	0.00 21	0.00 20	0.00 10	2.40 16	2.30 9	45.00 7
1948	0.00 22	0.00 22	0.00 22	0.00 22	0.00 21	0.53 20	8.90 21	28.00 25	248.00 25
1949	0.00 23	0.00 23	0.00 23	0.00 23	0.00 23	0.07 29	4.00 24	29.00 27	97.00 28
1951	0.00 24	0.00 24	0.00 24	0.00 24	0.00 22	0.00 11	0.00 5	0.00 2	1.30 1
1954	0.00 25	0.00 25	0.00 25	0.00 25	0.00 25	0.00 12	0.00 6	0.00 3	61.00 10
1955	0.00 26	0.00 26	0.00 26	0.00 26	0.00 26	0.00 24	0.00 13	0.14 12	0.44 5
1956	0.00 27	0.00 27	0.00 27	0.00 27	0.00 25	0.00 14	0.00 7	0.51 6	21.00 5
1957	0.00 28	0.00 28	0.00 28	0.00 28	0.00 26	0.00 15	0.00 8	17.00 19	165.00 22
1958	0.00 29	0.00 29	0.00 29	0.00 29	0.00 27	9.40 28	11.00 22	57.00 26	171.00 23
1959	0.00 30	0.00 30	0.00 30	0.00 30	0.00 28	0.00 16	0.00 9	0.00 4	19.00 4

LITTLE COLORADO RIVER BASIN

09401000 LITTLE COLORADO RIVER AT GRAND FALLS, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183	5
1927	12700.0 4	6200.0 7	4500.0 5	3380.0 6	2060.0 7	1440.0 5	1070.0 5	814.0 6	732.0 25	
1928	1860.0 29	1530.0 29	1210.0 28	1050.0 25	845.0 24	593.0 24	422.0 23	318.0 23	222.0 2	
1929	27100.0 1	16800.0 1	8480.0 1	4650.0 1	3330.0 1	2240.0 3	1680.0 4	1260.0 4	1270.0 7	
1930	5570.0 16	4960.0 11	3700.0 8	2180.0 8	1610.0 8	1030.0 9	694.0 10	523.0 10	473.0	
1931	3680.0 21	2890.0 20	1910.0 20	1690.0 14	1040.0 16	632.0 19	506.0 17	380.0 17	371.0 13	
1932	19800.0 2	14900.0 2	8310.0 2	4610.0 2	3230.0 2	2760.0 1	2130.0 1	1650.0 2	1150.0 20	
1933	4630.0 17	3260.0 19	1730.0 25	914.0 28	568.0 27	455.0 25	367.0 26	275.0 26	288.0 29	
1934	3520.0 22	2530.0 21	1470.0 27	967.0 27	523.0 28	270.0 28	187.0 28	143.0 28	101.0 8	
1935	4530.0 19	3280.0 18	2380.0 16	1930.0 10	1440.0 10	951.0 11	775.0 8	666.0 7	441.0	
1936	3150.0 24	2440.0 23	1750.0 24	1200.0 24	876.0 23	695.0 18	477.0 19	357.0 20	380.0 12	
1937	12700.0 5	6340.0 6	4260.0 6	3540.0 5	2130.0 5	2090.0 4	1780.0 3	1340.0 3	895.0 4	
1938	19200.0 3	12100.0 3	6500.0 3	3830.0 3	2150.0 4	1120.0 7	750.0 9	563.0 9	400.0 11	
1939	4520.0 20	3290.0 17	2110.0 19	1610.0 15	1190.0 15	630.0 20	426.0 22	321.0 22	220.0 17	
1940	4540.0 18	2300.0 25	1860.0 21	1370.0 20	966.0 17	799.0 14	592.0 13	444.0 14	310.0	
1941	11800.0 6	9500.0 4	5650.0 4	3650.0 4	2680.0 3	2370.0 2	2090.0 2	1720.0 1	1360.0 1	
1942	6090.0 13	4190.0 15	2330.0 17	1570.0 16	920.0 22	626.0 21	443.0 21	370.0 18	265.0 24	
1943	2640.0 25	1940.0 27	1760.0 23	1310.0 22	921.0 20	597.0 23	407.0 24	306.0 24	229.0 15	
1944	2550.0 27	2040.0 26	1810.0 22	1510.0 17	1230.0 14	954.0 10	667.0 11	502.0 11	330.0 10	
1945	2570.0 26	2420.0 24	2150.0 18	1730.0 13	1250.0 13	853.0 12	590.0 14	456.0 13	411.0	
1946	6610.0 12	4790.0 13	2420.0 14	1380.0 19	921.0 21	775.0 15	571.0 15	428.0 15	290.0 19	
1947	7070.0 9	3830.0 16	2390.0 15	1790.0 12	1350.0 11	732.0 17	488.0 18	366.0 19	250.0 23	
1948	10300.0 7	8190.0 5	4010.0 7	1910.0 11	1260.0 12	770.0 16	541.0 16	421.0 16	358.0 14	
1949	8260.0 8	5060.0 9	2510.0 12	1970.0 9	1500.0 9	1370.0 6	1010.0 6	817.0 5	640.0 6	
1951	6970.0 10	5170.0 8	2500.0 13	1210.0 23	617.0 26	350.0 27	234.0 27	179.0 27	126.0 27	
1954	5610.0 15	5040.0 10	2780.0 10	1360.0 21	708.0 25	452.0 26	374.0 25	280.0 25	261.0 22	
1955	5880.0 14	4480.0 14	3210.0 9	2500.0 7	2070.0 6	1090.0 8	828.0 7	621.0 8	412.0 9	
1956	820.0 30	568.0 30	311.0 30	151.0 30	124.0 30	101.0 30	74.0 30	55.0 30	43.0 30	
1957	6810.0 11	4940.0 12	2740.0 11	1420.0 18	960.0 18	799.0 13	626.0 12	474.0 12	311.0 16	
1958	3400.0 23	2460.0 22	1530.0 26	1020.0 26	955.0 19	620.0 22	452.0 20	339.0 21	303.0 18	
1959	2310.0 28	1550.0 28	921.0 29	707.0 29	519.0 29	265.0 29	177.0 29	132.0 29	107.0 28	

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEP
125	56.3	43.0	99.8	332	662	655	105	32.2	176	517	352
55410	13750	10320	44460	391500	455800	425900	65950	14540	104400	235200	200800
235	117	102	211	626	675	653	257	121	323	485	448
2.57	3.08	3.53	2.90	2.71	1.39	1.04	4.50	4.35	3.22	1.56	2.25
1.88	2.08	2.36	2.11	1.88	1.02	1.00	2.44	3.74	1.84	0.94	1.27
3.97	1.78	1.36	3.16	10.5	21.0	20.8	3.33	1.02	5.57	16.4	11.2

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
260	36470	191	1.60	0.74	-0.127

LITTLE COLORADO RIVER BASIN

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09401400 MOENKOPI WASH NEAR TUBA CITY, AZ

LOCATION.--Lat 36°01'25", long 111°23'48", in sec.35, T.31 N., R.9 E. (unsurveyed), Coconino County, Hydrologic Unit 15020018, on Navajo Indian Reservation, on downstream side of bridge on U.S. Highway 89, 3,500 ft (1,070 m) downstream from Hamblin Wash, 11 mi (18 km) upstream from mouth, and 12 mi (19 km) southwest of Tuba City.

DRAINAGE AREA.--2,500 mi² (6,500 km²), approximately, of which about 1,200 mi² (3,100 km²) is partly or entirely noncontributing.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT.FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1941	5240	08-16-41	6.79	NM	7.05	10-05-40	1927	6710
1942	7000	10-13-41	8.0				1928	4420
1943	7150	08-17-43	8.1				1929	41100
1944	964	09-27-44	3.11				1930	46000
1945	6290	08-01-45	7.60				1931	5510
1946	3910	08-12-46	6.03				1932	7900
1947	2860	08-17-47	5.15				1933	10200
1948	6980	10-13-47	8.0				1934	16600
1949	2210	08-09-49	4.78				1935	8040
1950	2890	07-25-50	6.0				1936	24600
1951	5000	09-30-51	8.5				1937	23000
1952	10000	09-21-52	12.3				1938	8550
1953	5700	07-30-53	9.35				1939	6990
1954	7440	09-23-54					1940	23700
1955	5020	08-05-55					1941	21200
1956	3480	08-17-56					1942	17300
1957	2910	08-25-57					1943	9670
1958	2600	08-08-58					1944	2420
1959	4160	08-05-59					1945	13600
1960	277	09-01-60					1946	11100
1961	2470	09-09-61					1947	9090
1962	3220	09-26-62					1948	14600
1963	8380	08-21-63					1949	7880
1964	5030	07-30-64					1950	7230
1965	2960	07-30-65					1951	5960
1966	742	07-29-66					1952	18000
1967	3790	09-08-67					1953	16400
1968	3120	08-12-68	10.1				1966	2470
1969	1900	07-29-69	7.10				1967	18000
1970	4990	09-06-70	11.38				1968	6230
1971	5410	08-26-71	11.80				1969	4160
1972	2510	08-27-72	8.40				1970	9660
1973	12100	10-19-72	16.98				1971	15400
1974	1840	07-19-74	10.65				1972	2830
1975	1200	07-15-75	11.19				1973	45000
							1974	2260
							1975	6880

NM Not maximum gage height for water year.

LITTLE COLORADO RIVER BASIN

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09401400 MOENKOPI WASH NEAR TUBA CITY, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1927	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.34 26	1.50 31	3.10 31
1928	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.65 36	0.91 35	1.10 29	2.60 26
1929	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	0.69 32	0.97 28	1.50 16
1930	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.17 32	0.58 29	0.78 26	2.40 24
1931	0.00 5	0.00 5	0.00 5	0.00 5	0.03 37	1.50 37	1.80 37	1.90 32	3.30 32
1932	0.00 6	0.00 6	0.00 6	0.00 6	0.00 4	0.13 30	0.33 25	0.39 17	3.50 33
1933	0.00 7	0.00 7	0.00 7	0.00 7	0.00 5	0.24 33	0.70 33	1.19 30	2.80 28
1934	0.00 8	0.00 8	0.00 8	0.00 8	0.08 38	1.70 38	2.20 38	2.70 37	3.00 30
1935	0.00 9	0.00 9	0.00 9	0.00 9	0.00 6	0.05 27	0.19 20	0.55 22	2.20 22
1936	0.00 10	0.00 10	0.00 10	0.00 10	0.00 7	0.00 3	0.14 17	0.44 19	2.60 27
1937	0.00 11	0.00 11	0.00 11	0.00 11	0.00 8	0.00 4	0.65 30	2.20 34	6.10 36
1938	0.00 12	0.00 12	0.00 12	0.00 12	0.00 9	0.00 5	0.18 18	0.72 24	5.70 35
1939	0.00 13	0.00 13	0.00 13	0.00 13	0.00 10	0.00 6	0.00 1	0.00 1	0.71 3
1940	0.00 14	0.00 14	0.00 14	0.00 14	0.00 11	0.02 26	0.04 11	0.15 8	0.79 5
1941	0.00 15	0.00 15	0.00 15	0.00 15	0.00 12	0.01 23	1.30 36	4.30 38	6.60 37
1942	0.00 16	0.00 16	0.00 16	0.00 16	0.00 13	0.00 7	0.31 24	0.26 14	1.30 12
1943	0.00 17	0.00 17	0.00 17	0.00 17	0.00 14	0.00 8	0.00 2	0.02 3	2.40 25
1944	0.00 18	0.00 18	0.00 18	0.00 18	0.00 15	0.00 9	0.00 3	0.23 11	0.86 6
1945	0.00 19	0.00 19	0.00 19	0.00 19	0.00 16	0.00 10	0.01 8	0.14 6	1.50 17
1946	0.00 20	0.00 20	0.00 20	0.00 20	0.00 17	0.00 11	0.01 9	0.22 10	1.40 13
1947	0.00 21	0.00 21	0.00 21	0.00 21	0.00 18	0.00 12	0.09 14	0.07 4	0.77 4
1948	0.00 22	0.00 22	0.00 22	0.00 22	0.00 19	0.00 13	0.71 34	1.90 33	3.50 34
1949	0.00 23	0.00 23	0.00 23	0.00 23	0.00 20	0.00 14	0.19 19	2.50 36	7.20 38
1950	0.00 24	0.00 24	0.00 24	0.00 24	0.00 21	0.00 15	0.00 4	0.00 2	1.40 14
1951	0.00 25	0.00 25	0.00 25	0.00 25	0.00 22	0.02 24	0.30 23	0.77 25	0.97 7
1952	0.00 26	0.00 26	0.00 26	0.00 26	0.00 23	0.29 34	0.69 31	2.40 35	2.90 29
1953	0.00 27	0.00 27	0.00 27	0.00 27	0.00 24	0.00 16	0.00 5	0.24 12	1.50 18
1954	0.00 28	0.00 28	0.00 28	0.00 28	0.00 25	0.00 17	0.00 6	0.09 5	1.80 21
1955	0.00 29	0.00 29	0.00 29	0.00 29	0.00 26	0.00 18	0.03 10	0.15 7	0.52 1
1956	0.00 30	0.00 30	0.00 30	0.00 30	0.00 27	0.00 19	0.06 12	0.47 20	1.60 20
1957	0.00 31	0.00 31	0.00 31	0.00 31	0.00 28	0.15 31	0.42 28	0.95 27	1.50 19
1958	0.00 32	0.00 32	0.00 32	0.00 32	0.00 29	0.00 20	0.06 13	0.18 9	2.30 23
1959	0.00 33	0.00 33	0.00 33	0.00 33	0.00 30	0.02 25	0.20 21	0.39 18	1.00 8
1960	0.00 34	0.00 34	0.00 34	0.00 34	0.00 31	0.00 21	0.11 16	0.26 13	0.71 2
1961	0.00 35	0.00 35	0.00 35	0.00 35	0.00 32	0.11 29	0.10 15	0.48 21	1.40 15
1962	0.00 36	0.00 36	0.00 36	0.00 36	0.00 33	0.00 22	0.00 7	0.29 15	1.19 11
1963	0.00 37	0.00 37	0.00 37	0.00 37	0.00 34	0.34 35	0.40 27	0.61 23	1.10 9

LITTLE COLORADO RIVER BASIN

09401400 MOENKOPI WASH NEAR TUBA CITY, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1927	800.0 26	282.0 28	149.0 29	85.0 29	49.0 28	30.0 28	25.0 26	19.0 26	18.0 27
1928	269.0 35	131.0 35	64.0 35	33.0 35	25.0 35	15.0 33	11.0 33	8.5 33	6.2 33
1929	4000.0 5	2170.0 3	1160.0 3	766.0 3	421.0 3	311.0 3	216.0 3	162.0 3	106.0 3
1930	5180.0 2	3170.0 2	1820.0 2	1040.0 2	634.0 2	362.0 1	247.0 1	185.0 1	122.0 1
1931	480.0 31	183.0 34	82.0 34	41.0 34	29.0 32	26.0 32	19.0 32	14.0 32	10.0 32
1932	546.0 28	270.0 29	167.0 28	90.0 28	49.0 29	27.0 30	20.0 30	16.0 29	14.0 29
1933	821.0 24	452.0 22	321.0 17	166.0 21	86.0 23	60.0 19	45.0 17	34.0 17	23.0 17
1934	2600.0 7	1130.0 10	514.0 12	247.0 13	143.0 14	78.0 15	52.0 15	40.0 15	27.0 15
1935	659.0 27	359.0 24	218.0 25	172.0 20	88.0 21	48.0 21	33.0 21	25.0 21	16.0 22
1936	2700.0 6	960.0 12	747.0 6	387.0 7	243.0 6	179.0 5	125.0 4	94.0 4	62.0 4
1937	4390.0 3	1470.0 6	632.0 8	295.0 12	206.0 11	106.0 12	107.0 6	81.0 6	54.0 6
1938	862.0 22	333.0 25	199.0 27	95.0 27	69.0 24	36.0 25	24.0 27	18.0 27	12.0 30
1939	1570.0 16	776.0 14	354.0 16	176.0 18	92.0 20	46.0 22	31.0 22	23.0 22	15.0 23
1940	2590.0 8	1290.0 8	571.0 11	452.0 6	285.0 4	187.0 4	125.0 5	94.0 5	62.0 5
1941	1340.0 18	626.0 18	437.0 14	212.0 16	121.0 17	101.0 13	69.0 13	52.0 13	36.0 13
1942	2220.0 9	1350.0 7	596.0 10	459.0 5	256.0 5	131.0 6	89.0 8	68.0 8	46.0 7
1943	1670.0 13	646.0 16	317.0 19	176.0 19	99.0 19	56.0 20	39.0 20	29.0 20	19.0 20
1944	93.0 37	60.0 37	28.0 37	15.0 37	9.0 37	6.6 37	5.7 36	5.4 36	5.2 35
1945	1560.0 17	1130.0 11	605.0 9	369.0 9	233.0 8	119.0 10	79.0 11	60.0 11	39.0 11
1946	1250.0 20	672.0 15	369.0 15	199.0 17	118.0 18	73.0 16	50.0 16	37.0 16	25.0 16
1947	827.0 23	410.0 23	309.0 20	223.0 14	123.0 15	64.0 17	43.0 18	32.0 18	21.0 18
1948	2170.0 10	1530.0 5	671.0 7	315.0 11	158.0 12	84.0 14	57.0 14	44.0 14	30.0 14
1949	544.0 29	251.0 30	108.0 31	54.0 31	36.0 31	26.0 31	19.0 31	15.0 30	13.0 28
1950	1300.0 19	583.0 20	255.0 23	121.0 25	62.0 26	32.0 26	22.0 28	18.0 28	12.0 29
1951	1890.0 12	631.0 17	270.0 22	126.0 24	64.0 25	39.0 24	28.0 25	21.0 25	14.0 26
1952	4110.0 4	1850.0 4	809.0 5	379.0 8	215.0 10	111.0 11	74.0 12	56.0 12	38.0 12
1953	1940.0 11	913.0 13	509.0 13	343.0 10	217.0 9	126.0 8	84.0 9	63.0 9	42.0 9
1966	109.0 36	77.0 36	43.0 36	21.0 36	13.0 36	8.4 36	5.7 37	4.8 37	4.0 37
1967	1160.0 21	607.0 19	318.0 18	216.0 15	150.0 13	130.0 7	92.0 7	69.0 7	46.0 8
1968	800.0 25	306.0 26	225.0 24	129.0 22	87.0 22	45.0 23	30.0 24	22.0 24	15.0 24
1969	351.0 33	237.0 31	112.0 30	74.0 30	49.0 30	28.0 29	20.0 29	15.0 31	10.0 31
1970	1620.0 14	574.0 21	273.0 21	128.0 23	123.0 16	62.0 18	41.0 19	31.0 19	21.0 19
1971	1610.0 15	1280.0 9	850.0 4	467.0 4	236.0 7	120.0 9	81.0 10	61.0 10	40.0 10
1972	513.0 30	225.0 32	98.0 33	48.0 32	26.0 33	13.0 34	9.3 34	7.0 34	4.7 36
1973	8700.0 1	4690.0 1	2230.0 1	1320.0 1	709.0 1	356.0 2	239.0 2	180.0 2	122.0 2
1974	300.0 34	188.0 33	103.0 32	48.0 33	26.0 34	13.0 35	8.7 35	6.6 35	5.4 34
1975	436.0 32	306.0 27	204.0 26	107.0 26	60.0 27	30.0 27	31.0 23	23.0 23	16.0 21

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
40.9	4.44	5.27	5.23	7.09	4.42	1.48	0.58	1.13	31.7	68.5	46.6
13860	5.52	11.8	10.4	87.5	24.1	7.19	1.40	10.7	2370	9653	4842
118	2.35	3.43	3.23	9.35	4.91	2.68	1.19	3.27	48.7	98.2	69.6
4.86	1.03	2.35	1.82	3.33	3.00	3.69	2.99	3.39	2.11	2.74	1.9
2.88	0.53	0.65	0.62	1.32	1.11	1.81	2.04	2.89	1.54	1.43	1.0
18.8	2.04	2.42	2.41	3.26	2.03	0.68	0.27	0.52	14.6	31.5	21.4

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
18.7	236	15.4	1.69	0.82	-0.001

LITTLE COLORADO RIVER BASIN

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09402000 LITTLE COLORADO RIVER NEAR CAMERON, AZ

LOCATION.--Lat 35°55'35", long 111°34'00", in NW¼ sec.5, T.29 N., R.8 E. (unsurveyed), Coconino County, Hydrologic Unit 15020016, in Navajo Indian Reservation, on left bank 3 mi (5 km) downstream from Coconino damsite, 9.5 mi (15.3 km) downstream from Moenkopi Wash, 9.5 mi (15.3 km) northwest of Cameron, and 45 mi (72 km) upstream from mouth.

DRAINAGE AREA.--26,500 mi² (68,600 km²), approximately.

REMARKS.--Records fair. Diversions above station for irrigation of about 32,000 acres (130 km²), and for municipal uses. Some regulation by reservoirs above station (combined capacity of principal reservoirs, about 127,000 acre-ft or 157 hm³).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1947	21900	08-09-47		19.60	1948	201000
1948	18600	10-14-47		17.9	1949	287000
1949	12400	08-09-49		14.35	1950	47100
1950	4340	07-18-50		8.93	1951	50200
1951	11700	08-30-51		14.0	1952	353000
1952	24900	01-21-52		20.7	1953	56800
1953	6230	07-30-53		10.3	1954	109000
1954	7070	03-25-54		11.00	1955	196000
1955	8990	06-13-55		12.3	1956	19300
1956	6650	08-17-56		10.65	1957	175000
1957	8060	01-12-57		11.42	1958	167000
1958	4840	10-14-57		9.17	1959	51400
1959	4600	08-07-59		9.30	1960	194000
1960	6620	11-02-59		10.67	1961	38800
1961	2600	09-09-61		7.03	1962	158000
1962	3470	02-17-62		7.94	1963	84300
1963	7680	09-01-63		11.43	1964	171000
1964	8540	08-02-64		11.93	1965	226000
1965	6770	01-11-65	UR	10.43	1966	202000
1966	9100	01-03-66	UR	12.10	1967	190000
1967	7580	09-08-67	UR	11.36	1968	214000
1968	5600	08-12-68	UR	9.91	1969	140000
1969	11600	09-11-69	UR	14.00	1970	80600
1970	12600	09-07-70	UR	14.54	1971	77600
1971	7290	08-27-71	UR	11.25	1972	133000
1972	9250	07-18-72	UR	12.50	1973	816000
1973	22400	10-19-72	UR	19.67	1974	28300
1974	1590	07-24-74	UR	6.00	1975	112000
1975	4100	11-01-74	UR	8.65		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1948	90	2			2	1	2		1	2	10	16	10	18	28	31	17	15	21	13	12	16	10	7	9	9	9	10	2			1	2			
1949	36	4	3	2	6	9	10	8	20	7	4	7	8	12	14	25	14	12	10	16	13	17	14	13	18	11	23	17	10			1	1			
1950	130	5	5	2	11	13	8	11	5	8	9	14	16	15	18	10	7	11	10	9	11	9	13	5	5	3	1	1								
1951	183	6	4	2	6	20	7	10	19	17	16	11	11	8	5	3	5	3	5	3	3	3	4	3	2	1	1	1		2	1					
1952	76	12	4		8	7	4	7	11	8	9	7	5	5	7	8	13	10	13	12	13	32	15	8	8	16	12	15	15	2	1	1		2		
1953	140	4	2	2	2	3	2	6	6	10	11	14	10	26	24	22	14	7	9	10	7	11	11	5	3	2										
1954	178	2	2	1	2	8	10	10	14	17	8	3	9	6	8	3	4	8	7	6	6	6	9	10	12	6	2	1	3	2	2					
1955	121	1	7		5	16	13	28	31	24	12	9	5	3	6	5	7	6	3	4	6	7	4	6		4	8	9	7	3	5					
1956	164	1	2	3	4	9	6	14	34	12	11	4	10	9	9	15	9	9	8	14	8	7	1		1	2										
1957	171	1	3	1	2	2	2	4	2	8	4	9	8	4	9	7	4	6	12	15	6	18	10	7	15	9	12	7	3	3	1					
1958	63	3	3	2	3	9	3	15	14	12	6	9	5	11	20	18	13	15	24	12	12	13	12	18	20	10	7	7	5	1						
1959	169	6	5	7	9	12	2	13	11	11	14	5	3	6	6	3	8	18	15	5	8	4	4	7	4	3	5	1	1							
1960	161	3	1	1	1	1	2	2	1	4	2	5	2	5	5	8	12	10	26	17	19	11	9	9	10	11	6	11	7	4						
1961	194	3	3	2	7	9	8	5	7	5	9	7	11	6	9	7	8	8	8	10	10	8	5	6	3	6	1									
1962	189	2	4	6	4	6	6	5	3	5	4	6	3	5	8	6	13	11	9	12	4	5	6	6	4	5	6	7	16	8						
1963	173	6	5	4	7	3	7	7	6	4	5	2	8	7	11	10	10	12	17	12	11	7	3	3	8	6	4	3	3	1						
1964	202	1	2	2	3	3	1	5	3	5	5	7	4	8	8	7	8	6	13	8	12	6	8	7	14	1	3	6	2							
1965	129		2				4		1	3	4	2	2	5	9	14	12	13	20	28	30	16	16	11	12	14	7	9								
1966	99	4	3		4	8	3	2	8	4	3	2	5	3	7	10	10	14	33	25	19	18	17	13	16	12	9	6	5	2			1			
1967	141	7	6	8	8	3	3	2	13	5	8	3	11	6	12	15	9	12	12	3	9	5	9	6	13	12	7	3	6	5	3					
1968	191	1	1		1	1			3	1	6	3	7	1	6	3	1	3	4	2	5	7	18	26	18	24	19	11	3							
1969	137	2	3	1	1	3	2	3	3	7	8	3	10	4	11	18	19	15	18	13	13	8	12	10	10	6	8	3	1							
1970	147	5	2	3	21	5	3	8	10	4	15	6	10	8	15	17	8	10	9	14	14	5	7	5	6	2	1								4	1
1971	231	7	5	5	10	10	6	9	5	7	5		5	4	4	2	5	7	3	6	4	1	2	4	4	3	3	1	3	4						
1972	149	8	2	4	1	3		3	11	2	8	10	15	14	12	17	21	12	10	11	9	6	7	5	5	6	2	5	3	2	2	1				
1973	93			1	1		1		3	2	3	3	3	1	3	1	3	5	28	22	25	16	9	16	16	16	25	16	11	11	19	7	4	1		
1974	249	1			3	2	2	5	3	8	4	8	7	11	5	4	6	10	1	12	8	3	7	3	3											
1975	139	4	3	3	4	6	9	8	8	4	3	4	9	5	10	10	9	7	18	8	15	12	15	18	14	11	6	2			1					

UR Unknown effect of regulation or diversion.

LITTLE COLORADO RIVER BASIN

09402000 LITTLE COLORADO RIVER NEAR CAMERON, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--Continued

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	4145	10227	100.0	12	7.4	223	4401	43.0	24	550	250	1064	10.4
1	0.10	100	6082	59.5	13	11.0	187	4178	40.9	25	790	222	814	7.9
2	0.20	79	5962	58.5	14	15.0	290	3991	39.0	26	1100	206	592	5.7
3	0.30	60	5903	57.7	15	22.0	300	3701	36.2	27	1600	159	386	3.7
4	0.40	134	5843	57.1	16	31.0	269	3401	33.3	28	2300	112	227	2.2
5	0.60	168	5709	55.8	17	45.0	231	3132	30.6	29	3300	54	115	1.1
6	0.90	129	5541	54.2	18	64.0	361	2851	27.9	30	4800	40	61	.5
7	1.20	180	5412	52.9	19	92.0	297	2490	24.3	31	6900	12	21	.2
8	1.80	261	5232	51.2	20	130.0	326	2193	21.4	32	9800	6	9	
9	2.50	191	4971	48.6	21	190.0	298	1867	18.3	33	14000	3	3	
10	3.60	209	4780	46.7	22	270.0	252	1569	15.3	34				
11	5.20	170	4571	44.7	23	390.0	253	1317	12.9					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1948	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	7.40 29	20.00 28	27.00 24	244.00 26
1949	0.00 2	0.00 2	0.00 2	0.11 30	1.50 30	16.00 30	36.00 30	101.00 29	384.00 28
1950	0.00 3	0.00 3	0.00 3	0.00 2	0.00 2	0.00 1	2.10 25	26.00 23	37.00 14
1951	0.00 4	0.00 4	0.00 4	0.00 3	0.00 3	0.03 22	0.63 18	1.00 9	0.78 2
1952	0.00 5	0.00 5	0.00 5	0.00 4	1.00 29	1.40 27	26.00 29	67.00 28	433.00 29
1953	0.00 6	0.00 6	0.00 6	0.00 5	0.00 4	0.00 2	1.50 24	25.00 22	64.00 17
1954	0.00 7	0.00 7	0.00 7	0.00 6	0.00 5	0.63 25	0.88 20	0.93 8	52.00 15
1955	0.00 8	0.00 8	0.00 8	0.00 7	0.00 6	0.00 3	1.30 22	1.60 11	2.20 3
1956	0.00 9	0.00 9	0.00 9	0.00 8	0.00 7	0.00 4	0.35 11	0.72 5	20.00 10
1957	0.00 10	0.00 10	0.00 10	0.00 9	0.00 8	0.00 5	0.00 1	16.00 21	191.00 24
1958	0.00 11	0.00 11	0.00 11	0.00 10	0.00 9	2.80 28	4.20 26	55.00 26	177.00 22
1959	0.00 12	0.00 12	0.00 12	0.00 11	0.00 10	0.38 24	0.58 16	1.19 10	12.00 8
1960	0.00 13	0.00 13	0.00 13	0.00 12	0.00 11	0.00 6	0.07 7	0.06 3	52.00 16
1961	0.00 14	0.00 14	0.00 14	0.00 13	0.00 12	0.00 7	0.47 13	0.90 7	33.00 13
1962	0.00 15	0.00 15	0.00 15	0.00 14	0.00 13	0.00 8	0.28 9	0.81 6	191.00 23
1963	0.00 16	0.00 16	0.00 16	0.00 15	0.00 14	0.00 9	0.00 2	1.90 12	14.00 9
1964	0.00 17	0.00 17	0.00 17	0.00 16	0.00 15	0.00 10	0.00 3	0.00 1	6.60 6
1965	0.00 18	0.00 18	0.00 18	0.00 17	0.00 16	0.00 11	0.15 8	163.00 30	196.00 25
1966	0.00 19	0.00 19	0.00 19	0.00 18	0.00 17	0.00 12	0.43 12	39.00 25	128.00 20
1967	0.00 20	0.00 20	0.00 20	0.00 19	0.00 18	0.00 13	0.53 14	4.60 16	6.10 5
1968	0.00 21	0.00 21	0.00 21	0.00 20	0.00 19	0.00 14	0.66 19	9.90 19	259.00 27
1969	0.00 22	0.00 22	0.00 22	0.00 21	0.00 20	1.10 26	1.10 21	57.00 27	167.00 21
1970	0.00 23	0.00 23	0.00 23	0.00 22	0.00 21	0.00 15	0.62 17	5.20 17	27.00 12
1971	0.00 24	0.00 24	0.00 24	0.00 23	0.00 22	0.00 16	0.00 4	0.00 2	0.13 1
1972	0.00 25	0.00 25	0.00 25	0.00 24	0.00 23	0.00 17	0.00 5	0.55 4	4.30 4
1973	0.00 26	0.00 26	0.00 26	0.00 25	0.00 24	0.33 23	1.50 23	5.60 18	961.00 30
1974	0.00 27	0.00 27	0.00 27	0.00 26	0.00 25	0.00 18	0.00 6	2.40 14	25.00 11
1975	0.00 28	0.00 28	0.00 28	0.00 27	0.00 26	0.00 19	0.34 10	2.10 13	104.00 19

LITTLE COLORADO RIVER BASIN

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09402000 LITTLE COLORADO RIVER NEAR CAMERON, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1948	13100.0 3	10800.0 2	5290.0 3	2520.0 6	1270.0 11	752.0 12	522.0 14	406.0 14	397.0 12
1949	7640.0 6	5280.0 6	2690.0 13	2120.0 8	1670.0 5	1490.0 2	1090.0 2	879.0 3	684.0 3
1950	2210.0 25	1060.0 25	671.0 25	488.0 25	398.0 25	245.0 25	168.0 25	126.0 25	104.0 25
1951	6640.0 7	4770.0 8	2430.0 16	1180.0 20	602.0 21	375.0 22	270.0 22	202.0 22	138.0 23
1952	14100.0 2	10800.0 3	5460.0 2	2950.0 3	2220.0 3	1370.0 3	1060.0 4	1150.0 2	829.0 2
1953	2830.0 22	2270.0 22	1320.0 23	706.0 24	434.0 24	254.0 24	169.0 24	127.0 24	141.0 22
1954	5380.0 11	4710.0 10	2600.0 14	1330.0 18	703.0 20	461.0 20	393.0 19	296.0 19	261.0 17
1955	6240.0 8	5080.0 7	3920.0 4	3030.0 2	2350.0 2	1300.0 4	1070.0 3	800.0 4	526.0 4
1956	1090.0 27	916.0 26	517.0 27	254.0 28	166.0 28	90.0 28	60.0 28	45.0 28	48.0 28
1957	5990.0 10	4530.0 13	2510.0 15	1420.0 16	996.0 16	780.0 11	601.0 12	453.0 13	298.0 15
1958	3360.0 20	2500.0 20	1550.0 21	1040.0 21	972.0 17	639.0 16	460.0 16	346.0 16	311.0 14
1959	2500.0 23	1690.0 24	1150.0 24	834.0 22	596.0 22	302.0 23	202.0 23	151.0 23	111.0 24
1960	4470.0 15	3300.0 16	2790.0 11	2020.0 10	1640.0 6	904.0 10	709.0 10	637.0 9	520.0 6
1961	1110.0 26	792.0 27	586.0 26	375.0 26	233.0 26	129.0 26	86.0 27	65.0 26	81.0 26
1962	3090.0 21	2940.0 18	2280.0 17	2100.0 9	1580.0 8	912.0 9	824.0 7	619.0 10	415.0 11
1963	3900.0 18	2940.0 19	2100.0 18	1340.0 17	1020.0 15	599.0 17	399.0 18	300.0 18	202.0 20
1964	5310.0 12	4760.0 9	3130.0 10	2590.0 4	1720.0 4	1130.0 6	773.0 8	580.0 11	464.0 9
1965	4980.0 14	4330.0 14	2730.0 12	1960.0 11	1480.0 9	929.0 8	702.0 11	701.0 6	478.0 7
1966	8290.0 4	5780.0 4	3320.0 6	1920.0 12	1290.0 10	710.0 13	712.0 9	681.0 7	475.0 8
1967	5090.0 13	4670.0 11	3140.0 9	2540.0 5	1640.0 7	1250.0 5	890.0 5	679.0 8	448.0 10
1968	2420.0 24	2080.0 23	1950.0 19	1460.0 15	1240.0 13	1020.0 7	883.0 6	726.0 5	522.0 5
1969	4150.0 17	3090.0 17	1880.0 20	1220.0 19	858.0 19	467.0 19	493.0 15	381.0 15	267.0 16
1970	6130.0 9	4670.0 12	3330.0 5	1660.0 13	950.0 18	533.0 18	358.0 20	268.0 20	199.0 21
1971	4180.0 16	3760.0 15	3260.0 7	2150.0 7	1210.0 14	645.0 15	430.0 17	323.0 17	212.0 19
1972	8030.0 5	5620.0 5	3160.0 8	1540.0 14	1250.0 12	685.0 14	567.0 13	489.0 12	322.0 13
1973	18400.0 1	13200.0 1	10700.0 1	6060.0 1	5400.0 1	3590.0 1	2800.0 1	2210.0 1	1500.0 1
1974	902.0 28	723.0 28	430.0 28	300.0 27	213.0 27	112.0 27	87.0 26	65.0 27	69.0 27
1975	3530.0 19	2390.0 21	1360.0 22	818.0 23	577.0 23	433.0 21	298.0 21	226.0 21	221.0 18

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
295	56.4	64.1	206	151	355	594	145	25.3	114	495	243
680000	14780	18760	187000	56880	219400	781900	295400	12110	20120	346300	60450
825	122	137	432	238	468	884	543	110	142	588	246
4.30	3.40	2.15	3.18	1.95	1.69	2.44	5.08	5.30	1.92	1.65	0.91
2.80	2.15	2.14	2.10	1.58	1.32	1.49	3.76	4.36	1.24	1.19	1.01
10.7	2.06	2.34	7.52	5.51	12.9	21.7	5.27	0.92	4.15	18.0	8.87

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
226	43860	209	3.11	0.93	-0.214

COLORADO RIVER MAIN STEM

09402500 COLORADO RIVER NEAR GRAND CANYON, AZ

LOCATION.--Lat 36°06'05", long 112°05'08", in sec.5, T.31 N., R.3 E. (unsurveyed), Coconino County, Hydrologic Unit 15010001, in Grand Canyon National Park, on left bank 0.2 mi (0.3 km) upstream from Kaibab Bridge, 0.4 mi (0.6 km) upstream from Bright Angel Creek, 4.5 mi (7.2 km) northeast of village of Grand Canyon, 26 mi (42 km) downstream from Little Colorado River, and 267 mi (430 km) upstream from Hoover Dam.

DRAINAGE AREA.--141,600 mi² (366,700 km²) approximately, including 3,959 mi² (10,254 km²) in Great Divide basin in southern Wyoming which is noncontributing (previously considered part of the Missouri River basin).

REMARKS.--Records good. Flow regulated by Lake Powell, 104 mi (167 km) upstream, since Mar. 13, 1963. (See elsewhere in this report.) Many diversions above station for irrigation, municipal, and industrial uses.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1884	300000	07-08-84	ES HP		1923	17045000
1921	220000	06-19-21		37.50	1924	13014000
1922	115000	06-01-22	ES		1925	11737000
1923	112000	09-19-23		28.50	1926	14471000
1924	74000	06-18-24		22.40	1927	17262000
1925	53700	06-03-25		18.75	1928	15628000
1926	85600	05-29-26		24.27	1929	19433000
1927	127000	07-02-27		29.25	1930	13424000
1928	115000	06-03-28		27.85	1931	6721000
1929	111000	05-29-29		27.50	1932	15965000
1930	71000	06-04-30		21.60	1933	10008000
1931	34600	05-22-31		14.36	1934	4656000
1932	102000	05-26-32		26.10	1935	10215000
1933	81500	06-05-33		23.41	1936	12322000
1934	25500	05-17-34		12.32	1937	12410000
1935	105000	06-19-35		26.82	1938	15629000
1936	76300	05-24-36		22.64	1939	9619000
1937	85300	05-21-37		23.90	1940	7435000
1938	100000	06-08-38		26.38	1941	16942000
1939	49000	05-26-39		18.07	1942	17261000
1940	46800	05-18-40		17.66	1943	11433000
1941	120000	05-17-41		28.86	1944	13525000
1942	91800	05-31-42		25.18	1945	11672000
1943	66800	06-06-43		21.39	1946	9089000
1944	93400	05-20-44		25.10	1947	13736000
1945	63300	05-17-45		21.40	1948	13668000
1946	50100	06-14-46		18.65	1949	14367000
1947	80100	05-14-47		23.10	1950	11077000
1948	89800	05-26-48		24.90	1951	9839000
1949	112000	06-22-49		27.95	1952	18161000
1950	58400	06-06-50		20.55	1953	8879000
1951	63700	06-01-51		21.00	1954	6229000
1952	122000	06-12-52		29.05	1955	7580000
1953	68500	06-17-53		21.80	1956	8860000
1954	32800	05-27-54		15.05	1957	17499000
1955	40400	06-14-55		16.90	1958	14554000
1956	67200	06-06-56		21.60	1959	6935000
1957	125000	06-13-57		29.10	1960	9585000
1958	107700	06-02-58		26.97	1961	7051000
1959	38300	06-19-59		16.11	1962	15247000
1960	46300	06-10-60		17.95	1963	2742000
1961	39800	06-06-61		16.38	1964	2727000
1962	85600	05-17-62		23.80	1965	10982000
1963	20700	10-22-62	KR	11.26	1966	8326000
1964	19700	04-29-64	KR	10.81	1967	8257000
1965	58400	06-15-65	KR	19.98	1968	8937000
1966	21300	05-04-66	KR	11.33	1969	9284000
1967	23900	09-09-67	KR	16.17	1970	9120000
1968	26800	07-20-68	KR	16.60	1971	8857000
1969	30800	09-12-69	KR	17.60	1972	954000
1970	27600	08-27-70	KR	16.33	1973	11230000
1971	33400	08-24-71	KR	18.05	1974	8499000
1972	29500	05-26-72	KR	16.95	1975	9529000
1973	38300	04-19-73	KR	18.47		
1974	28200	08-21-74	KR	15.56		
1975	28900	07-30-75	KR	15.72		

ES Discharge estimated from another site.

HP Isolated historic peak; not part of systematic record.

KR Known significant effect of regulation or diversion.

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DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
														NUMBER OF DAYS IN CLASS																						
1923													33	40	65	44	3	9	4	6	8	24	19	10	15	10	13	6	7	12	17	15	5			
1924									11	4	12	16	26	16	24	41	27	51	25	7	1	12	6	7	11	11	13	13	12	16	4					
1925		1	1	3	2				3	2	12	14	15	29	55	25	14	17	12	14	24	16	18	14	29	18	10	15	2							
1926											5	7	28	33	40	27	26	28	28	18	9	11	10	12	17	7	9	11	10	8	20	1				
1927									5	2	4	7	4	48	47	15	19	26	17	11	21	21	12	10	7	6	9	10	19	18	14	7	3	3		
1928												3	16	10	22	56	20	42	46	23	16	20	17	4	5	5	16	2	2	16	9	7	6	3		
1929									3	2	2	8	30	31	18	25	21	8	19	11	13	9	29	12	18	18	15	10	13	10	11	18	11			
1930									3	2	11	12	20	22	34	36	47	13	23	18	13	21	10	15	13	20	14	12	5	1						
1931																																				
1932																																				
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1962																																				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	14610	100.0	12	4900.0	1357	13046	89.3	24	28000	397	2573	17.6
1	990.00	1	14610	100.0	13	5700.0	1763	11689	80.0	25	33000	319	2176	14.8
2	1100.00	1	14609	100.0	14	6600.0	1620	9926	67.9	26	38000	363	1857	12.7
3	1300.00	4	14608	100.0	15	7600.0	1257	8306	56.9	27	44000	384	1474	10.0
4	1500.00	9	14604	100.0	16	8800.0	804	7049	48.2	28	51000	299	1090	7.4
5	1800.00	33	14595	99.9	17	10000.0	861	6245	42.7	29	59000	286	791	5.4
6	2100.00	22	14562	99.7	18	12000.0	674	5384	36.9	30	68000	235	505	3.4
7	2400.00	48	14540	99.5	19	14000.0	514	4710	32.2	31	79000	139	270	1.8
8	2700.00	195	14492	99.2	20	16000.0	361	4196	28.7	32	91000	108	131	.8
9	3200.00	235	14297	97.9	21	18000.0	472	3835	26.2	33	110000	17	23	.1
10	3700.00	401	14062	96.2	22	21000.0	503	3363	23.0	34	120000	6	6	
11	4300.00	615	13661	93.5	23	25000.0	287	2860	19.6					

COLORADO RIVER MAIN STEM

09402500 COLORADO RIVER NEAR GRAND CANYON, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1923	5200.00 55	5200.00 53	5200.00 46	5200.00 45	5200.00 35	6120.00 37	6490.00 34	6470.00 29	6800.00 19
1924	2790.00 20	2810.00 17	2860.00 11	3040.00 11	3870.00 14	5000.00 19	7860.00 44	8350.00 42	9590.00 41
1925	990.00 1	1210.00 3	1450.00 3	2390.00 4	3550.00 11	4570.00 14	5310.00 15	5560.00 13	6820.00 20
1926	3870.00 46	3950.00 41	4140.00 37	4670.00 40	5430.00 39	6170.00 38	6500.00 35	7130.00 36	9560.00 40
1927	2870.00 23	2960.00 21	3150.00 20	3680.00 20	4790.00 26	5670.00 28	6230.00 30	6330.00 24	7670.00 27
1928	4610.00 54	4690.00 47	5210.00 47	5340.00 46	6300.00 45	7670.00 47	8060.00 45	8940.00 46	10900.00 50
1929	2960.00 25	3050.00 24	3460.00 24	4240.00 29	4860.00 29	5540.00 22	5890.00 21	6620.00 31	8980.00 36
1930	3200.00 30	3240.00 27	3820.00 30	4390.00 33	5160.00 33	5890.00 34	6720.00 36	7580.00 38	9040.00 37
1931	2560.00 15	2630.00 12	2690.00 9	2800.00 7	3050.00 6	4320.00 8	5450.00 16	5790.00 16	6620.00 16
1932	2160.00 9	2410.00 10	2960.00 17	3910.00 25	4150.00 18	4710.00 16	5240.00 14	5670.00 15	8500.00 35
1933	2720.00 17	3000.00 22	3120.00 19	3270.00 16	3700.00 13	4340.00 10	4810.00 8	5270.00 11	5930.00 11
1934	1490.00 5	1570.00 4	1680.00 4	1830.00 3	2000.00 3	2330.00 3	2590.00 3	4010.00 4	5490.00 4
1935	2430.00 14	2470.00 11	2510.00 7	2590.00 5	2680.00 4	3020.00 4	3320.00 4	3680.00 3	4410.00 3
1936	3140.00 28	3200.00 26	3350.00 23	3670.00 19	4060.00 16	4540.00 13	4870.00 10	4990.00 7	5770.00 7
1937	2020.00 8	2320.00 8	2650.00 8	3040.00 12	3330.00 10	4330.00 9	5170.00 13	5620.00 14	7590.00 26
1938	4580.00 52	4610.00 46	4890.00 44	5110.00 44	5440.00 40	5870.00 33	6090.00 28	6300.00 23	7930.00 31
1939	2790.00 21	2840.00 18	2860.00 12	3140.00 14	3940.00 15	4880.00 18	6140.00 29	6450.00 27	8460.00 34
1940	2320.00 13	2350.00 9	2490.00 6	2810.00 8	3690.00 12	4600.00 15	5040.00 11	5190.00 9	5700.00 5
1941	4300.00 50	5010.00 50	5500.00 49	6180.00 48	6370.00 46	6820.00 45	6890.00 39	6970.00 35	9310.00 39
1942	3160.00 29	3290.00 28	4140.00 38	4610.00 36	4930.00 31	6350.00 42	7800.00 43	8690.00 43	13600.00 54
1943	4400.00 51	4480.00 45	4640.00 43	4900.00 43	5500.00 41	5770.00 31	5930.00 24	5960.00 20	6640.00 17
1944	3280.00 31	3340.00 29	3540.00 27	3740.00 21	4180.00 19	5540.00 23	5890.00 22	6340.00 25	6930.00 21
1945	4180.00 48	4270.00 43	4420.00 41	4890.00 42	5340.00 38	5650.00 26	6030.00 26	5990.00 21	6430.00 15
1946	3380.00 36	3460.00 31	3870.00 31	4570.00 35	5510.00 42	5750.00 30	6000.00 25	6470.00 28	7150.00 22
1947	3600.00 42	3840.00 39	4070.00 34	4620.00 37	4750.00 25	5650.00 27	6240.00 31	6690.00 32	7530.00 25
1948	2960.00 26	3000.00 23	3210.00 21	3510.00 17	4070.00 17	4670.00 44	7330.00 41	8070.00 40	9770.00 42
1949	2000.00 7	2200.00 7	2900.00 14	3970.00 26	5300.00 37	5620.00 25	5920.00 23	6110.00 22	7420.00 24
1950	3850.00 45	3980.00 42	4130.00 36	4370.00 32	4830.00 28	5910.00 35	6420.00 33	6880.00 34	7860.00 30
1951	3420.00 37	3650.00 36	4350.00 40	4650.00 39	5160.00 34	5780.00 32	6050.00 27	5910.00 19	6290.00 14
1952	3290.00 33	3480.00 32	3910.00 32	4540.00 34	5680.00 43	6620.00 43	6740.00 37	7270.00 37	7350.00 23
1953	3530.00 40	3550.00 34	3650.00 28	3820.00 23	4880.00 30	4180.00 39	6350.00 32	6480.00 30	6790.00 18
1954	3480.00 39	3500.00 33	3520.00 25	3550.00 18	4550.00 22	5510.00 20	5780.00 19	5900.00 18	6160.00 12
1955	2920.00 24	2940.00 20	2990.00 18	3220.00 15	4210.00 20	4290.00 7	4590.00 7	4930.00 6	6180.00 13
1956	2770.00 19	2780.00 16	2810.00 10	2840.00 9	3110.00 7	4390.00 12	4830.00 9	5230.00 10	5810.00 9
1957	2870.00 22	2890.00 19	2940.00 15	3040.00 13	3260.00 9	4360.00 11	4410.00 6	4670.00 5	5700.00 6
1958	4260.00 49	4410.00 44	4460.00 42	4700.00 41	5290.00 36	5700.00 29	7350.00 42	8930.00 45	10900.00 51
1959	3370.00 34	3400.00 30	3520.00 26	3740.00 22	4550.00 23	5600.00 24	5730.00 17	5860.00 17	5910.00 10
1960	2720.00 18	2750.00 14	2870.00 13	2920.00 10	3230.00 8	3710.00 6	5840.00 20	6360.00 26	8300.00 33
1961	1610.00 6	1810.00 6	3280.00 22	3850.00 24	4650.00 24	4790.00 17	5120.00 12	5440.00 12	5790.00 8
1962	3760.00 44	3830.00 38	4110.00 35	4170.00 27	4800.00 27	5980.00 36	6840.00 38	7940.00 39	9980.00 43
1963	1000.00 2	1080.00 1	1100.00 1	1130.00 1	1160.00 1	1220.00 1	1370.00 2	1680.00 2	1750.00 1
1964	1180.00 3	1190.00 2	1190.00 2	1220.00 2	1240.00 2	1250.00 2	1260.00 1	1260.00 1	2580.00 2
1965	3420.00 38	3860.00 40	4160.00 39	4270.00 30	4530.00 21	5520.00 21	5780.00 18	6850.00 33	7750.00 29
1966	3560.00 41	4800.00 48	5720.00 50	7100.00 51	7940.00 53	8990.00 53	9160.00 51	9430.00 49	10100.00 45
1967	3280.00 32	5070.00 52	7010.00 54	8080.00 55	8930.00 55	9330.00 54	9650.00 53	9910.00 50	10200.00 46
1968	3650.00 43	5020.00 51	6860.00 53	7230.00 52	7320.00 50	7820.00 48	8460.00 48	9030.00 47	10000.00 44
1969	4610.00 53	6420.00 55	7070.00 55	7700.00 54	8520.00 54	9650.00 55	9780.00 54	10200.00 52	10700.00 49
1970	3380.00 35	4920.00 49	5480.00 48	6420.00 49	7320.00 51	8450.00 51	9860.00 55	10800.00 55	11100.00 52
1971	2680.00 16	3640.00 35	4980.00 45	5820.00 47	6550.00 47	8290.00 49	9070.00 49	8880.00 44	9270.00 38
1972	2310.00 11	3090.00 25	4020.00 33	4620.00 38	5030.00 32	6240.00 40	8440.00 47	10200.00 53	11200.00 53
1973	4010.00 47	5590.00 54	6390.00 52	6760.00 50	7060.00 49	8370.00 50	9320.00 52	10200.00 54	14400.00 55
1974	2250.00 10	2780.00 15	3790.00 29	4310.00 31	5800.00 44	6320.00 41	7120.00 40	8210.00 41	8150.00 32
1975	3140.00 27	3660.00 37	6050.00 51	7650.00 53	7890.00 52	8620.00 52	9080.00 50	10000.00 51	10400.00 48

COLORADO RIVER MAIN STEM

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09402500 COLORADO RIVER NEAR GRAND CANYON, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1923	98500.0 12	95600.0 12	92200.0 10	86500.0 10	82500.0 7	70900.0 5	58600.0 5	50200.0 5	40200.0 4
1924	73200.0 22	72200.0 22	66800.0 22	62400.0 22	58900.0 21	51400.0 19	44900.0 18	37100.0 19	27400.0 21
1925	51900.0 30	50900.0 30	49400.0 30	47400.0 30	41400.0 30	38600.0 29	34700.0 27	30400.0 26	25600.0 23
1926	84000.0 17	80200.0 18	76900.0 19	75200.0 15	68800.0 14	58700.0 14	49300.0 15	41600.0 15	30800.0 15
1927	117000.0 4	107000.0 5	88400.0 12	75800.0 14	68600.0 15	65800.0 10	56400.0 8	47400.0 8	40000.0 5
1928	114000.0 5	113000.0 4	108000.0 3	93400.0 5	83300.0 6	67100.0 6	53500.0 11	44300.0 12	33100.0 12
1929	108000.0 7	105000.0 8	97700.0 7	89700.0 7	88200.0 3	74300.0 4	61400.0 3	55100.0 3	44600.0 1
1930	69000.0 23	67400.0 23	60300.0 25	56600.0 24	52700.0 23	42600.0 24	38600.0 22	34000.0 22	27900.0 20
1931	33800.0 38	31400.0 39	30400.0 38	28200.0 38	26600.0 38	21600.0 38	18300.0 38	15800.0 38	12500.0 38
1932	101000.0 10	99200.0 9	95600.0 9	88200.0 8	72800.0 12	65800.0 11	55800.0 9	47600.0 7	36400.0 7
1933	80000.0 19	78400.0 19	77200.0 18	74500.0 16	67200.0 16	47800.0 22	36500.0 26	29600.0 27	22000.0 27
1934	24900.0 40	24700.0 40	23300.0 40	20900.0 40	18600.0 40	14900.0 40	11900.0 40	10300.0 40	8620.0 40
1935	103000.0 9	98800.0 11	91900.0 11	81800.0 12	67100.0 17	49000.0 21	38300.0 23	31800.0 24	23800.0 25
1936	75100.0 21	73400.0 21	71200.0 20	68200.0 20	62000.0 20	54300.0 18	44600.0 19	37400.0 18	28200.0 19
1937	83600.0 18	82400.0 17	78200.0 17	72700.0 18	63600.0 19	50300.0 20	42900.0 20	36800.0 20	28300.0 18
1938	99400.0 11	98900.0 10	96500.0 8	90100.0 6	79100.0 8	66000.0 8	58100.0 6	47200.0 9	35200.0 8
1939	48100.0 32	47100.0 32	44100.0 33	41700.0 32	40400.0 31	34500.0 30	30500.0 30	26000.0 31	19200.0 31
1940	45500.0 34	44800.0 34	43600.0 34	39000.0 34	37300.0 33	29700.0 34	23500.0 34	19700.0 34	15000.0 35
1941	119000.0 3	115000.0 3	107000.0 4	95300.0 4	86700.0 4	76000.0 3	60700.0 4	50300.0 4	37900.0 6
1942	90500.0 13	89700.0 13	86900.0 13	83000.0 11	76800.0 9	62400.0 12	57600.0 7	48100.0 6	34900.0 9
1943	65900.0 26	62200.0 26	55500.0 28	49800.0 29	45400.0 29	40000.0 26	37200.0 24	32200.0 23	25300.0 24
1944	90500.0 14	87900.0 14	78600.0 16	74300.0 17	73800.0 10	65900.0 9	51200.0 14	43200.0 13	31200.0 13
1945	62400.0 27	61700.0 27	58900.0 26	54100.0 26	49100.0 27	47500.0 23	40600.0 21	35500.0 21	26600.0 22
1946	48500.0 31	47700.0 31	45700.0 31	43000.0 31	33500.0 34	31700.0 32	27300.0 33	23300.0 32	18300.0 32
1947	77400.0 20	75500.0 20	70900.0 21	63300.0 21	55800.0 22	55300.0 17	46200.0 17	39900.0 17	30800.0 16
1948	88400.0 15	87700.0 15	83900.0 14	78800.0 13	73100.0 11	57900.0 15	47800.0 16	40000.0 16	29800.0 17
1949	110000.0 6	106000.0 6	98600.0 6	88000.0 9	72400.0 13	61100.0 13	53700.0 10	44900.0 11	33600.0 11
1950	56100.0 29	54500.0 29	54000.0 29	52800.0 27	50500.0 25	41700.0 25	36600.0 25	31200.0 25	23700.0 26
1951	61900.0 28	61300.0 28	58600.0 27	50500.0 28	47500.0 28	39500.0 27	32300.0 28	27500.0 28	21000.0 28
1952	121000.0 2	120000.0 2	118000.0 1	109000.0 1	88400.0 2	86200.0 1	71600.0 1	58900.0 1	42700.0 2
1953	67300.0 24	65700.0 24	62000.0 24	54300.0 25	49600.0 26	34500.0 31	27400.0 32	23300.0 33	18200.0 33
1954	32000.0 39	31800.0 38	30400.0 39	26900.0 39	21900.0 39	17100.0 39	14900.0 39	13500.0 39	11200.0 39
1955	36700.0 37	35500.0 37	33200.0 37	30000.0 37	27700.0 37	26000.0 35	21800.0 35	18700.0 35	15500.0 34
1956	66600.0 25	65300.0 25	63600.0 23	59200.0 23	51100.0 24	39500.0 28	31100.0 29	26300.0 30	19500.0 30
1957	124000.0 1	122000.0 1	116000.0 2	107000.0 2	100000.0 1	79700.0 2	68200.0 2	57800.0 2	42600.0 3
1958	107000.0 8	106000.0 7	103000.0 5	97500.0 3	85400.0 5	66300.0 7	52100.0 12	42300.0 14	31000.0 14
1959	37800.0 36	37700.0 36	37300.0 36	35700.0 35	31000.0 36	25600.0 36	20100.0 36	17100.0 36	13400.0 37
1960	45800.0 33	45100.0 33	44400.0 32	41500.0 33	37400.0 32	31500.0 33	30200.0 31	27000.0 29	20100.0 29
1961	39200.0 35	39000.0 35	37900.0 35	34700.0 36	31300.0 35	23800.0 37	19300.0 37	16400.0 37	13700.0 36
1962	84900.0 16	84000.0 16	80500.0 15	70000.0 19	66600.0 18	55900.0 16	52000.0 13	45400.0 10	34200.0 10

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
8738	7923	6288	5701	7230	9822	20240	42930	51650	21880	11330	9224
24950000	7024000	1805000	1242000	3947000	6941000	90210000	3.43E+08	3.98E+08	1.42E+08	47160000	47870000
4995	2650	1344	1115	1987	2635	9498	18510	19960	11920	6867	6919
2.53	1.40	0.69	1.16	2.13	0.37	0.68	0.23	-0.07	1.18	1.37	2.39
0.57	0.33	0.21	0.20	0.27	0.27	0.47	0.43	0.39	0.54	0.61	0.75
4.31	3.90	3.10	2.81	3.56	4.84	9.97	21.2	25.4	10.8	5.58	4.54

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
16930	27690000	5262	-0.07	0.31	0.157

BRIGHT ANGEL CREEK BASIN

09403000 BRIGHT ANGEL CREEK NEAR GRAND CANYON, AZ

LOCATION.--Lat 36°06'11", long 112°05'44", in sec.5, T.31 N., R.3 E. (unsurveyed), Coconino County, in Grand Canyon National Park, on right bank 0.4 mi (0.6 km) upstream from mouth and 4 mi (0.4 km) northeast of Grand Canyon.

DRAINAGE AREA.--101 mi² (262 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT,FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1924	530	09-10-24						1924	24100
1925	122	09-17-25						1925	19800
1926	1000	07-27-26						1926	31400
1927	1000	09-16-27						1927	33700
1928	187	05-03-28						1928	29500
1929	173	07-10-29						1929	22300
1930	113	02-23-30						1930	20500
1931	45	06-25-31						1931	16900
1932	500	02-09-32						1932	42400
1933	186	08-07-33						1933	17100
1934	250	10-09-33						1934	13500
1935	270	07-20-35						1935	31600
1936	4400	08-19-36						1936	25300
1937	2000	07-29-37						1937	41900
1938	575	04-21-38						1938	44300
1939	270	09-06-39						1939	25900
1940	602	08-24-40						1940	31500
1941	848	05-13-41						1941	64700
1942	264	04-23-42						1942	29300
1943	426	04-23-43		1.99				1943	33800
1944	199	05-15-44		2.00				1944	26300
1945	247	07-30-45		2.27				1945	26700
1946	840	07-22-46		4.50				1946	23100
1947	310	08-27-47		3.10				1947	18500
1948	1900	08-05-48		6.8				1948	19500
1949	206	04-28-49		2.71	NM	3.00	06-11-49	1949	20700
1950	197	10-18-49		3.20				1950	21400
1951	193	08-29-51		3.30				1951	15200
1952	672	05-05-52		3.57	NM	3.60	12-30-51	1952	43700
1953	930	08-27-53		4.14				1953	15300
1954	446	03-23-54		3.10				1954	16400
1955	103	06-13-55		2.12				1955	12900
1956	77	01-27-56		2.00				1956	16000
1957	1770	08-05-57		5.80				1957	27100
1958	900	08-22-58	ES	2.33				1958	46700
1959	660	08-11-59		2.40				1959	14800
1960	240	06-06-60		1.52				1960	18300
1961	266	08-30-61		1.95				1961	19100
1962	240	02-08-62		1.82				1962	20500
1963	855	08-17-63		3.9				1963	15400
1964	353	08-26-64		2.20				1964	14600
1965	788	08-15-65		3.72				1965	24200
1966	484	11-23-65		2.40				1966	19700
1967	4000	12-06-66		11.98				1967	26800
1968	240	07-07-68						1968	21200
1969	930	01-25-69		3.72				1969	43800
1970	1180	03-01-70		3.42				1970	16600
1971	2300	07-19-71		8.84				1971	12400
1972	126	07-25-72		1.80				1972	10800
1973	578	05-12-73		3.84				1973	41600

NM Not maximum gage height for water year.

ES Discharge estimated from another site.

09403000 BRIGHT ANGEL CREEK NEAR GRAND CANYON, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1924						49	82	130	53	8			7	6	11	15	4		1																	
1925						38199	63	11	13	7			7	8	16	3																				
1926				1	6147	78	33	15	13	8			3	3	2	3	1	5	5	8	9	5	4	5	6	5										
1927					41116	70	33	27	10	7			7	7	4	6	5	4	2	1	6	4	7	2		4	5	2	1	1						
1928					68	187	32	7	5	4			4	6	2	7	5	8	8	5	7	9	6													
1929					26225	41	17	10	6	4			4	4	2	4	10	4	3	6	3															
1930					3	87183	24	8	5	9			5	6	9	16	3	7																		
1931					9130158	30	5	12	21																											
1932					120	58	55	23	11	9			6	7	5	3	3	6	2	2	12	7	5	4	4	8	7	7	2							
1933					5	25	67184	42	23	5	8		6																							
1934					41142150	27	2	2	1																											
1935					23155	61	27	12	4	6			4	3	4	3	5	6	8	3	10	10	9	7	5											
1936					19170	80	31	12	8	3			3	3	5	5	2	1	2		3	4	3	2	7	3										
1937					1131	26	67	22	23	11	10	7	4	5	4	2	5	1	4	3	7	4	2	6	8	4	8									
1938					54	123	47	20	12	15	13	14	7	3	3	1	3	6	13	7	3	2	5	4	3											
1939					9	57	188	25	19	9	6	5	7	5	6	5	13	6	5																	
1940					6	35	45	133	39	18	15	9	5	5	5	1	11	7	6	3	7	9	3	4	5											
1941					49	43	27	37	48	18	17	16	21	23	10	5	1	6	2	2	6	4	1	2	1	10	1									
1942					67	176	60	5	5	8	1	9	6	5	9	1	5	2	5		1	5	2	5	1											
1943					2	70	150	47	17	13	11	7	5	5	4	6	1	2	1	2	3	2	5	4	3											
1944					21	76	136	49	22	12	12	4	2	2	4	5	6	2	2	1	9	1	9	1	3	2	5	4	3							
1945					4216	77	13	8	3	5	3	4	2	3	2	3	2	3	2	2	3	5	3	5	2											
1946					68174	51	12	9	5	6	4	6	4	6	4	2	2	5	7																	
1947					1	89153	60	9	22	14	7	10																								
1948					5	17182	80	26	9	7	2	3	9	2	5	13	3	3																		
1949					19113	99	54	23	5	4	5	6	3	5	7	5	2	4	3	1	1	6														
1950					81145	30	31	13	7	8	12	5	1	4	5	5	8	4	5	1																
1951					2	52239	33	25	3	5	3	2			1																					
1952					64	52	95	36	17	9	11	7	3	3	5	6	3	3	5	2	6	11	4	2	1	3	8	4	2	1	2	1				
1953					8107110	94	30	13	1				1				1																			
1954					9	59191	40	13	6	4	5	6	7	3	7	4	3	8																		
1955					33	67195	42	12	14	1			1																							
1956					4	75162	48	6	8	13	10	13	9	7	9	2																				
1957					16112	41	52	34	10	17	5	1	7	8	4	6	18	11	7	8	5	3														
1958					34	71	82	50	40	17	13	5	5	1	1	2	2	2		1	1	3														
1959					7	31	59	45	49108	59	5	1																								
1960					5	28	64139	45	20	4	10	9	10	8	13	7	2	2																		
1961					3	2	6	42	49123	55	21	8	7	6	4	8	3	12	4	7	5															
1962					1	4	17	22	37	78118	33	8	7	4	5	1	6	4	1	4	2	3	6	2	2											
1963					17	31	8147136	18	1	2	2	2					1																			
1964					46145	88	25	8	5	6	11	9	6	9	8																					
1965					8	81123	57	11	11	5	5	3	4	3	7	5	8	2	5	6	8		6	7												
1966					23127	89	35	20	8	6	6	15	7	6	4	5	4	7	1	1	1															
1967					4	58	58	83	28	29	19	33	23	13	3	2	2	2	1		1		1		1		1	1								
1968					12	49	95	91	21	26	8	8	6	6	7	7	3	1	10	7	1	1	1	5	1											
1969					34106	62	20	41	10	10	3	6	5	8	2	3	2	3		4	3	9	1	1	3	8	6	9	4	2						
1970					4	53	38126	82	22	9	9	5	4	2	1	1	4	4	1																	
1971					31174112	24	15	8																												
1972					11158144	46	7																													
1973					6	38	84	66	33	21	15	23	5	4	4	7	5	3	1	4	1	3	3	5	2	5	7	3	4	4	8	1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	18263	100.0	12	43.0	292	2270	12.4	24	210	53	309	1.6
1	10.00	4	18263	100.0	13	49.0	236	1978	10.8	25	240	53	256	1.4
2	11.00	24	18259	100.0	14	56.0	228	1742	9.5	26	280	56	203	1.1
3	13.00	391	18235	99.8	15	64.0	201	1514	8.3	27	320	42	147	.8
4	15.00	1279	17844	97.7	16	73.0	184	1313	7.2	28	360	45	105	.5
5	17.00	2443	16565	90.7	17	84.0	168	1129	6.2	29	410	21	60	.3
6	19.00	3725	14122	77.3	18	96.0	153	961	5.3	30	470	12	39	.2
7	22.00	3672	10397	56.9	19	110.0	78	808	4.4	31	540	11	27	.1
8	25.00	2399	6725	36.8	20	120.0	132	730	4.0	32	610	9	16	
9	29.00	1023	4326	23.7	21	140.0	106	598	3.3	33	780	5	7	
10	33.00	638	3303	18.1	22	160.0	124	492	2.7	34	800	2	2	
11	38.00	395	2665	14.6	23	190.0	59	368	2.0					

BRIGHT ANGEL CREEK BASIN

09403000 BRIGHT ANGEL CREEK NEAR GRAND CANYON, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1924	22.00 46	22.00 45	22.00 45	23.00 46	24.00 47	24.00 47	26.00 49	27.00 48	31.00 45
1925	20.00 41	21.00 43	21.00 42	21.00 40	22.00 42	22.00 38	23.00 41	23.00 39	24.00 34
1926	16.00 21	17.00 26	17.00 27	18.00 29	20.00 36	20.00 30	21.00 32	21.00 33	22.00 26
1927	20.00 42	20.00 38	20.00 38	21.00 41	21.00 37	22.00 39	23.00 42	23.00 40	27.00 42
1928	22.00 47	23.00 47	23.00 47	23.00 47	24.00 48	24.00 48	24.00 46	25.00 45	31.00 46
1929	20.00 43	20.00 39	20.00 39	22.00 42	22.00 43	23.00 43	23.00 43	24.00 41	24.00 35
1930	18.00 31	19.00 34	19.00 34	20.00 38	21.00 38	21.00 36	22.00 36	22.00 36	22.00 27
1931	18.00 32	18.00 30	18.00 28	19.00 35	19.00 31	19.00 22	19.00 20	20.00 23	22.00 28
1932	19.00 37	19.00 35	19.00 35	19.00 36	19.00 32	20.00 31	20.00 28	20.00 24	27.00 43
1933	16.00 22	16.00 21	16.00 24	17.00 24	17.00 19	19.00 23	19.00 21	20.00 25	23.00 31
1934	15.00 17	15.00 16	15.00 17	16.00 19	16.00 14	16.00 7	17.00 13	17.00 8	18.00 5
1935	17.00 28	17.00 27	18.00 29	18.00 30	18.00 24	19.00 24	20.00 29	20.00 26	21.00 19
1936	18.00 33	18.00 31	18.00 30	18.00 31	18.00 25	19.00 25	19.00 22	20.00 27	21.00 20
1937	18.00 34	19.00 36	19.00 36	19.00 32	20.00 33	20.00 32	20.00 30	20.00 28	26.00 39
1938	22.00 48	23.00 48	24.00 49	24.00 49	24.00 49	25.00 49	25.00 47	25.00 42	32.00 49
1939	19.00 38	20.00 40	21.00 43	22.00 43	23.00 45	23.00 44	24.00 44	26.00 46	27.00 40
1940	18.00 35	18.00 32	18.00 31	19.00 33	21.00 39	22.00 40	23.00 37	25.00 43	31.00 47
1941	23.00 49	23.00 49	23.00 48	23.00 48	24.00 46	24.00 45	26.00 48	27.00 49	38.00 50
1942	27.00 50	27.00 50	28.00 50	28.00 50	28.00 50	28.00 50	29.00 50	30.00 50	31.00 48
1943	21.00 44	22.00 46	22.00 46	22.00 44	22.00 44	24.00 46	24.00 45	25.00 44	29.00 44
1944	20.00 39	20.00 41	20.00 40	21.00 39	21.00 40	22.00 41	23.00 38	26.00 47	27.00 41
1945	21.00 45	21.00 44	21.00 44	22.00 45	22.00 41	23.00 42	23.00 39	23.00 37	24.00 36
1946	20.00 40	20.00 42	20.00 41	20.00 37	20.00 34	21.00 37	23.00 40	23.00 38	23.00 32
1947	18.00 36	19.00 37	19.00 37	19.00 34	20.00 35	20.00 33	21.00 33	21.00 34	25.00 37
1948	16.00 23	16.00 22	16.00 18	17.00 25	18.00 26	21.00 34	21.00 34	21.00 35	21.00 21
1949	15.00 18	15.00 17	16.00 19	16.00 20	16.00 15	17.00 14	18.00 14	19.00 15	20.00 12
1950	17.00 29	18.00 33	18.00 32	18.00 26	18.00 27	19.00 26	19.00 23	19.00 16	21.00 22
1951	16.00 24	17.00 28	17.00 25	17.00 21	18.00 28	19.00 27	19.00 24	20.00 29	20.00 13
1952	18.00 30	18.00 29	18.00 33	18.00 27	18.00 29	19.00 28	19.00 25	21.00 30	22.00 29
1953	16.00 25	16.00 23	16.00 20	17.00 22	17.00 20	18.00 19	19.00 26	19.00 17	21.00 23
1954	13.00 11	13.00 9	14.00 11	15.00 13	15.00 6	16.00 8	16.00 7	17.00 9	18.00 6
1955	14.00 12	14.00 10	14.00 12	14.00 8	15.00 7	15.00 2	15.00 2	16.00 2	18.00 7
1956	14.00 13	15.00 18	15.00 13	15.00 9	15.00 8	17.00 15	17.00 8	17.00 10	18.00 8
1957	16.00 26	16.00 24	16.00 21	17.00 23	17.00 21	17.00 16	17.00 9	18.00 11	20.00 14
1958	17.00 27	17.00 25	17.00 26	18.00 28	19.00 30	21.00 35	21.00 35	21.00 31	23.00 30
1959	12.00 4	12.00 4	12.00 1	13.00 2	14.00 2	15.00 3	15.00 3	16.00 3	18.00 9
1960	14.00 14	14.00 11	15.00 14	16.00 14	17.00 22	18.00 20	18.00 15	19.00 18	21.00 24
1961	10.00 1	10.00 1	12.00 2	16.00 15	16.00 16	17.00 17	18.00 16	19.00 19	20.00 15
1962	10.00 2	11.00 2	12.00 3	13.00 3	15.00 9	16.00 9	18.00 17	20.00 20	22.00 25
1963	13.00 5	13.00 5	13.00 5	14.00 4	15.00 10	19.00 29	20.00 31	20.00 21	21.00 16
1964	13.00 6	13.00 6	13.00 6	14.00 5	14.00 3	15.00 4	15.00 4	16.00 4	16.00 2
1965	13.00 7	13.00 7	14.00 7	15.00 10	15.00 11	16.00 10	16.00 5	16.00 5	17.00 3
1966	15.00 19	15.00 19	16.00 22	16.00 16	17.00 23	18.00 21	18.00 18	18.00 12	24.00 33
1967	14.00 15	14.00 12	15.00 15	16.00 17	16.00 17	17.00 18	19.00 27	20.00 22	26.00 38
1968	13.00 8	13.00 8	14.00 8	14.00 6	15.00 12	16.00 11	18.00 19	18.00 13	18.00 10
1969	15.00 20	15.00 20	16.00 23	16.00 18	17.00 18	17.00 12	17.00 10	21.00 32	21.00 17
1970	14.00 16	14.00 13	15.00 16	15.00 11	16.00 13	17.00 13	17.00 11	18.00 14	21.00 18
1971	13.00 9	14.00 14	14.00 9	14.00 7	14.00 4	15.00 5	16.00 6	16.00 6	17.00 4
1972	12.00 3	12.00 3	12.00 4	12.00 1	13.00 1	13.00 1	14.00 1	14.00 1	14.00 1
1973	13.00 10	14.00 15	14.00 10	15.00 12	15.00 5	16.00 6	17.00 12	17.00 7	20.00 11

09403000 BRIGHT ANGEL CREEK NEAR GRAND CANYON, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1924	108.0 31	77.0 36	72.0 36	68.0 35	64.0 34	52.0 34	45.0 32	41.0 32	38.0 28
1925	71.0 41	68.0 38	63.0 37	58.0 37	56.0 36	46.0 36	39.0 36	36.0 35	32.0 35
1926	258.0 12	257.0 12	249.0 12	232.0 12	190.0 11	144.0 10	108.0 11	88.0 12	66.0 12
1927	417.0 8	382.0 8	341.0 10	288.0 11	220.0 10	141.0 12	106.0 12	90.0 10	69.0 9
1928	185.0 22	182.0 22	176.0 20	157.0 19	136.0 18	110.0 14	85.0 15	71.0 15	56.0 15
1929	131.0 29	127.0 27	121.0 27	110.0 28	93.0 28	67.0 27	53.0 27	46.0 27	38.0 29
1930	95.0 35	90.0 34	86.0 34	76.0 33	66.0 33	58.0 31	47.0 31	42.0 29	35.0 31
1931	42.0 47	42.0 46	42.0 42	40.0 42	39.0 41	33.0 41	30.0 41	28.0 41	26.0 40
1932	384.0 10	351.0 11	337.0 11	292.0 10	235.0 8	208.0 7	158.0 6	128.0 7	95.0 7
1933	47.0 45	46.0 44	43.0 41	42.0 41	36.0 42	32.0 42	30.0 42	28.0 42	26.0 41
1934	36.0 49	26.0 49	23.0 49	23.0 49	22.0 49	21.0 48	21.0 47	20.0 47	20.0 47
1935	231.0 16	223.0 16	208.0 16	173.0 16	166.0 13	144.0 11	112.0 9	91.0 9	67.0 11
1936	251.0 13	246.0 13	238.0 13	213.0 13	158.0 16	99.0 19	74.0 19	62.0 19	49.0 20
1937	395.0 9	378.0 9	367.0 8	342.0 7	298.0 6	209.0 6	153.0 8	125.0 8	94.0 8
1938	520.0 6	493.0 5	464.0 5	382.0 5	287.0 7	207.0 8	156.0 7	131.0 6	97.0 5
1939	127.0 30	125.0 28	116.0 28	111.0 27	104.0 25	77.0 23	61.0 23	52.0 23	45.0 22
1940	230.0 17	224.0 15	209.0 15	194.0 15	162.0 14	123.0 13	95.0 13	80.0 13	62.0 13
1941	784.0 2	749.0 2	722.0 1	657.0 1	512.0 1	330.0 1	245.0 1	200.0 1	148.0 1
1942	235.0 15	193.0 18	161.0 22	151.0 20	119.0 21	91.0 20	71.0 20	61.0 20	51.0 17
1943	372.0 11	368.0 10	342.0 9	314.0 9	226.0 9	144.0 9	109.0 10	89.0 11	68.0 10
1944	191.0 20	185.0 21	181.0 18	160.0 18	126.0 19	86.0 21	69.0 21	59.0 21	48.0 21
1945	246.0 14	241.0 14	230.0 14	204.0 14	158.0 15	100.0 18	75.0 18	63.0 18	50.0 18
1946	150.0 26	148.0 25	144.0 25	135.0 23	108.0 23	75.0 24	59.0 24	50.0 24	41.0 23
1947	52.0 44	51.0 42	50.0 40	45.0 40	45.0 40	39.0 40	34.0 39	32.0 38	29.0 36
1948	104.0 33	96.0 31	87.0 32	82.0 31	73.0 31	54.0 32	43.0 33	39.0 33	33.0 33
1949	189.0 21	187.0 20	177.0 19	140.0 21	106.0 24	73.0 25	57.0 26	48.0 26	39.0 26
1950	142.0 28	139.0 26	131.0 26	116.0 26	102.0 26	73.0 26	59.0 25	50.0 25	40.0 25
1951	73.0 40	42.0 45	38.0 44	35.0 43	31.0 43	27.0 43	25.0 43	24.0 43	23.0 43
1952	628.0 4	589.0 4	507.0 4	420.0 3	337.0 5	233.0 5	173.0 4	137.0 4	98.0 4
1953	86.0 38	54.0 41	34.0 45	29.0 45	27.0 44	26.0 44	24.0 44	23.0 45	22.0 46
1954	92.0 36	91.0 32	89.0 31	80.0 32	66.0 32	49.0 35	40.0 35	35.0 36	29.0 37
1955	46.0 46	30.0 47	27.0 47	26.0 46	24.0 47	22.0 47	21.0 48	20.0 48	19.0 48
1956	64.0 42	63.0 39	59.0 38	58.0 38	51.0 37	43.0 37	36.0 37	32.0 37	27.0 38
1957	168.0 25	165.0 23	158.0 23	133.0 24	120.0 20	104.0 17	86.0 14	72.0 14	56.0 14
1958	705.0 3	676.0 3	633.0 3	541.0 2	423.0 2	266.0 2	188.0 2	149.0 2	107.0 2
1959	39.0 48	29.0 48	26.0 48	26.0 47	25.0 46	25.0 45	24.0 45	24.0 44	23.0 44
1960	89.0 37	84.0 35	76.0 35	69.0 34	60.0 35	52.0 33	43.0 34	37.0 34	32.0 34
1961	106.0 32	104.0 30	99.0 30	85.0 30	78.0 30	59.0 30	48.0 30	42.0 30	34.0 32
1962	170.0 23	163.0 24	147.0 24	131.0 25	98.0 27	65.0 28	51.0 28	45.0 28	38.0 27
1963	80.0 39	47.0 43	33.0 46	32.0 44	27.0 45	24.0 46	22.0 46	22.0 46	22.0 45
1964	63.0 43	61.0 40	56.0 39	48.0 39	46.0 39	39.0 38	33.0 40	29.0 40	24.0 42
1965	206.0 18	203.0 17	197.0 17	161.0 17	144.0 17	109.0 15	82.0 16	66.0 16	50.0 19
1966	144.0 27	115.0 29	105.0 29	98.0 29	80.0 29	62.0 29	49.0 29	41.0 31	36.0 30
1967	2500.0 1	1220.0 1	648.0 2	340.0 8	187.0 12	105.0 16	77.0 17	65.0 17	55.0 16
1968	202.0 19	190.0 19	172.0 21	135.0 22	111.0 22	79.0 22	62.0 22	52.0 22	41.0 24
1969	520.0 5	478.0 6	399.0 7	376.0 6	361.0 3	247.0 3	178.0 3	141.0 3	101.0 3
1970	100.0 34	91.0 33	86.0 33	67.0 36	51.0 38	39.0 39	34.0 38	31.0 39	27.0 39
1971	170.0 24	69.0 37	39.0 43	26.0 48	23.0 48	20.0 49	19.0 49	19.0 49	19.0 49
1972	20.0 50	20.0 50	19.0 50	18.0 50	17.0 50	16.0 50	17.0 50	16.0 50	16.0 50
1973	508.0 7	473.0 7	441.0 6	410.0 4	341.0 4	233.0 4	170.0 5	135.0 5	96.0 6

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
20.8	21.2	25.4	22.2	24.3	27.1	76.8	103	33.6	22.9	21.8	21.3
17.0	17.3	522	16.1	57.4	95.9	2565	11160	513	33.8	22.0	31.6
4.12	4.16	22.8	4.01	7.58	9.79	50.6	106	22.7	5.81	4.69	5.62
0.93	0.69	6.77	0.88	1.91	2.17	0.92	1.96	2.55	1.10	1.39	1.80
0.20	0.20	0.90	0.18	0.31	0.36	0.66	1.03	0.67	0.25	0.22	0.26
4.96	5.06	6.04	5.29	5.79	6.45	18.3	24.4	8.01	5.46	5.19	5.06

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
35.0	237	15.4	1.31	0.44	0.105

KANAB CREEK BASIN

09403780 KANAB CREEK NEAR FREDONIA, AZ

LOCATION.--Lat 36°51'50", long 112°34'45", in SE¼ sec.14, T.40 N., R.3 W. (unsurveyed), Coconino County, Hydrologic Unit 15010003, in Kaibab Indian Reservation, at Nagles Crossing, on left bank 0.2 mi (0.3 km) downstream from Johnson Wash and 6.5 mi (10.5 km) southwest of Fredonia.

DRAINAGE AREA.--1,085 mi² (2,810 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATFR YEAR	TOTAL VOLUME, ACRE-FT
1964		08-13-64		1964	563
1965	250	04-18-65	2.7	1965	1590
1966	668	03-08-66	3.37	1966	4680
1967	2960	12-07-66	6.55	1967	5990
1968	1130	07-31-68	4.32	1968	3740
1969	1330	07-23-69	4.65	1969	10200
1970	4630	08-18-70	9.11	1970	5410
1971	1340	08-18-71	4.50	1971	3880
1972	1680	09-19-72	5.18	1972	3810
1973	660	04-14-73	3.05	1973	7100
1974	84	07-23-74	1.15	1974	627
1975	603	07-13-75	3.27	1975	4580

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
1964	160						7	9	14	20	64	16	29	17	10	10	5	1	2	1					1												
1965	225						16	9	5	4	22	3	7	4	12	6	16	8	10	5	4	2	1	4	2												
1966	234						2		2	1	1		1	1	8	5	11	5	54	2	10	11	1	4	5	6				1							
1967	238						20	13	3	6	8	6	6	8	6	10	9	2	3	7	9	2	1	2	1	1						2	1	1			
1968	94	2	1				6	9	16	8	46	25	44	18	7	2	12	5	18	20	11	8	1	1	5			2	1								
1969	172						10	3	1	2	8	4	14	9	11	11	15	5	22	15	16	10	5	6	3	8	6	5	3	1							
1970	250						16	8	3	3	14	5	11	5	11	8	7	2	7			4	1	2	3	1			1		1	1					
1971	203						6	11	4	8	14	15	8	5	6	8	11	18	13	12	8	3	4		1	3	2	1			1						
1972	233						16	9	6	7	9	3	12	8	7	6	13	10	12	4		2	1	1	1	1	1	1	1	1	1						
1973	156						9	10	8	6	14	4	34	3	20	18	15	3	17	4	4	9	3	8	6	3	5	4	1	1	1						
1974	267						1	6	2	3	7	2	14	3	12	17	13	6	11			1															
1975	209						7	10	3	6	2	7	1	13	10	14	14	9	6	14	11	11	3	5	4	3	1	1	1								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2441	4383	100.0	12	1.0	181	1280	29.2	24	55	31	105	2.3
1	0.01	2	1942	44.3	13	1.4	94	1099	25.1	25	77	26	74	1.6
2	0.02	1	1940	44.3	14	2.0	120	1005	22.9	26	110	16	48	1.0
3	0.03	0	1939	44.2	15	2.8	115	885	20.2	27	150	14	32	.7
4	0.05	3	1939	44.2	16	3.9	141	770	17.6	28	210	7	18	.4
5	0.07	3	1936	44.2	17	5.4	74	629	14.4	29	290	7	11	.2
6	0.10	116	1933	44.1	18	7.6	175	555	12.7	30	410	3	4	
7	0.20	97	1817	41.5	19	11.0	84	380	8.7	31	570	1	1	
8	0.30	67	1720	39.2	20	15.0	74	296	6.8	32				
9	0.40	74	1653	37.7	21	20.0	63	222	5.1	33				
10	0.50	209	1579	36.0	22	29.0	21	159	3.6	34				
11	0.70	90	1370	31.3	23	40.0	33	138	3.1					

KANAB CREEK BASIN

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09403780 KANAB CREEK NEAR FREDONIA, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1964	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.02 9	0.12 9	0.39 8	0.63 5
1965	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.21 13	0.40 12	0.68 10	0.80 7
1966	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 1	0.00 1	0.00 1	0.11 2
1967	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 2	0.00 2	0.10 5	0.60 4
1968	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.12 12	0.19 10	0.42 9	4.10 10
1969	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.00 3	0.32 11	3.10 13	14.00 13
1970	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	0.00 4	0.01 5	0.28 6	0.81 8
1971	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	0.00 5	0.02 6	0.07 4	1.70 9
1972	0.00 9	0.00 9	0.00 9	0.00 9	0.00 8	0.00 6	0.00 3	0.00 2	0.13 3
1973	0.00 10	0.00 10	0.00 10	0.00 10	0.00 9	0.04 10	0.07 8	0.70 11	6.60 12
1974	0.00 11	0.00 11	0.00 11	0.00 11	0.00 10	0.00 7	0.00 4	0.00 3	0.06 1
1975	0.00 12	0.00 12	0.00 12	0.00 12	0.00 11	0.08 11	1.10 13	1.70 12	5.30 11

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1964	50.0 11	21.0 11	8.9 12	5.5 12	3.0 12	1.7 12	1.2 12	1.1 12	1.0 12
1965	70.0 10	60.0 10	41.0 10	25.0 10	16.0 10	8.8 10	6.2 10	5.0 10	3.7 10
1966	224.0 7	127.0 8	77.0 7	43.0 8	27.0 8	21.0 6	19.0 4	19.0 3	13.0 3
1967	1080.0 1	571.0 1	253.0 1	120.0 3	60.0 3	30.0 3	23.0 3	17.0 4	11.0 4
1968	204.0 9	110.0 9	77.0 8	60.0 6	34.0 6	17.0 8	11.0 9	8.6 9	8.0 8
1969	311.0 5	225.0 5	196.0 2	150.0 1	95.0 1	55.0 1	50.0 1	38.0 1	26.0 1
1970	441.0 3	279.0 2	149.0 4	71.0 5	49.0 4	25.0 4	17.0 5	13.0 5	8.8 6
1971	358.0 4	133.0 7	110.0 5	73.0 4	42.0 5	21.0 5	14.0 6	11.0 6	8.1 7
1972	514.0 2	238.0 3	108.0 6	52.0 7	30.0 7	17.0 9	12.0 8	10.0 8	6.5 9
1973	304.0 6	234.0 4	183.0 3	128.0 2	83.0 2	46.0 2	32.0 2	24.0 2	16.0 2
1974	20.0 12	13.0 12	9.1 11	5.8 11	4.7 11	4.0 11	3.3 11	2.5 11	1.7 11
1975	212.0 8	141.0 6	64.0 9	30.0 9	23.0 9	19.0 7	13.0 7	11.0 7	10.0 5

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
2.31	1.80	9.53	6.11	5.14	9.43	15.2	0.30	0.07	4.31	9.93	5.31
29.4	18.3	293	72.2	28.2	111	802	0.23	0.05	54.5	275	96.5
5.42	4.28	17.1	8.50	5.31	10.5	28.3	0.48	0.22	7.38	16.6	9.82
3.14	3.35	2.49	2.47	1.64	1.27	1.91	2.14	3.43	1.62	1.85	1.98
2.35	2.37	1.80	1.39	1.03	1.12	1.86	1.58	3.06	1.71	1.67	1.85
3.33	2.60	13.7	8.80	7.40	13.6	21.9	0.44	0.10	6.21	14.3	7.64

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
5.79	14.4	3.79	0.74	0.65	-0.166

VIRGIN RIVER BASIN

09415000 VIRGIN RIVER AT LITTLEFIELD, AZ

LOCATION.--Lat 36°53'30", long 113°55'25", in SW¼SW¼ sec.4, T.40 N., R.15 W., Mohave County, on right bank 0.5 mi (0.8 km) downstream from Beaver Dam Wash, 0.4 mi (0.6 km) upstream from Littlefield, and 36 mi (58 km) upstream from waterline of Lake Mead at elevation 1,221 ft (372.2 m) above mean sea level.

DRAINAGE AREA.--5,090 mi² (13,200 km²), approximately.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1930	6500	08-09-30		1930	188000
1931	3000	11-18-30		1931	119000
1932	18000	08-27-32		1932	382000
1933	1500	05-01-33		1933	127000
1934	1220	12-14-33		1934	78000
1935	1900	08-16-35		1935	165000
1936	2710	07-10-36		1936	131000
1937	1440	02-07-37		1937	240000
1938	22000	03-03-38		1938	279000
1939	13000	09-12-39		1939	155000
1940	11000	09-18-40		1940	174000
1941	6000	03-02-41		1941	400000
1942	3740	10-13-41		1942	215000
1943	2660	03-11-43	5.62	1943	178000
1944	1900	05-09-44	4.99	1944	183000
1945	4170	02-03-45	6.57	1945	166000
1946	5010	08-12-46	6.95	1946	121000
1947	9400	10-29-46	9.35	1947	192000
1948	1090	09-16-48	5.19	1948	116000
1949	2290	09-10-49	6.35	1949	156000
1950	3450	07-18-50	7.34	1950	127000
1951	12000	08-04-51	10.53	1951	99900
1952	7170	12-30-51	8.70	1952	273000
1953	5490	08-27-53	8.66	1953	99500
1954	6020	08-04-54	9.18	1954	136000
1955	19800	08-25-55	13.60	1955	136000
1956	2460	01-27-56	6.89	1956	92800
1957	3950	08-21-57	8.00	1957	100000
1958	7180	03-17-58	9.87	1958	295000
1959	3490	08-19-59	7.76	1959	92900
1960	2320	11-03-59	6.28	1960	83400
1961	10900	09-18-61	10.84	1961	109000
1962	5380	02-12-62	8.12	1962	142000
1963	4720	09-14-63	7.70	1963	83300
1964	6300	08-14-64	8.66	1964	89500
1965	4040	09-06-65	7.60	1965	120000
1966	5490	12-30-65	8.58	1966	126000
1967	35200	12-06-66	15.66	1967	188000
1968	2180	08-08-68	6.68	1968	129000
1969	21400	01-26-69	13.27	1969	344000
1970	8960	07-22-70	10.02	1970	97000
1971	6140	08-15-71	11.02	1971	99800
1972	8180	12-25-71	11.80	1972	127000
1973	3740	05-11-73	8.90	1973	321000
1974	5840	09-05-74	10.26	1974	90500
1975	5910	07-30-75	10.30	1975	111000

VIRGIN RIVER BASIN

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09415000 VIRGIN RIVER AT LITTLEFIELD, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1930			14	36	36	18	35	58	40	35	22	22	9		3	7	13	2	2	3	1	1	2	1		2		2	1						
1931			55	45	26	51	14	8	28	21	45	28	20	12	3	6				2			1												
1932			12	41	31	18	11	23	18	20	15	21	12	19	6	11	28	18	25	19	6	3	1	1		2	1					2	2		
1933			55	28	8	8	5	23	43	60	58	45	18	8	4		1				1														
1934			101	76	14	23	30	27	40	35	9		5		2	1			2																
1935			32	39	25	34	8	8	28	16	71	30	12	12	5	21	13	6	2	1	1		1												
1936			38	32	41	36	32	35	36	22	26	21	17	11	6	5	1	3			1			2	1										
1937			6	47	24	17	19	10	23	46	21	19	8	10	8	18	13	58	13	3	2														
1938			3	17	53	39	27	18	14	6	22	72	22	14	9	12	8	4	5	4	1	1	1	10			1					1		1	
1939			47	52	1	8	11	19	31	39	72	45	19	9	2	2	2		2	1									2	1					
1940			81	27	3	8	29	16	50	37	49	23	10	5	3	3	3	2	3	1	5	1	2	1	1	1	1		2						
1941				12	39	24	14	8	40	20	29	34	10	14	14	16	10	11	9	15	13	5	9	4	4	4	6	1							
1942				74	15	8	12	10	7	4	17	75	50	29	14	12	12	11	4	5	4	1	1												
1943				71	42	9	8	3	42	53	12	24	22	18	18	18	6	8	4	4	1	2													
1944				69	33	8	15	3	28	36	44	29	19	24	18	16	7	3	1	10	3														
1945				46	33	26	17	13	20	56	56	24	27	11	6	10	6	4	5	1	2				1	1									
1946				72	51	9	8	11	51	60	61	25	6	1	2	3	1	1			1	1	1												
1947				16	68	24	11	11	30	23	50	60	29	16	4	4	6	2	1		2	2	1	2		2									
1948			1	39	88	10	8	24	43	57	45	22	13	3	5	7	1													1					
1949				68	33	10	13	13	49	39	32	31	20	19	9	9	7	9	4																
1950				79	32	20	10	17	27	35	54	58	20	4	2	3	3				1														
1951				104	46	26	24	23	61	53	11	5	5		1	3				1		1													
1952				72	14	25	12	12	42	27	32	12	18	22	6	11	4	8	10	8	11	7	5	5	1	2									
1953				69	84	27	29	24	25	38	48	13	2	1		1	1	1	2	2	1														
1954				76	32	21	14	16	60	55	26	15	13	8	6	9	8	1	2	1		2													
1955				56	55	25	32	20	37	84	34	5	2	1	2	2	1	1	2	1		1	2			1						1			
1956				118	43	30	32	12	35	42	37	7	2	1	2	2	1	1			1														
1957				124	17	24	44	41	20	31	27	14	11	5	2	1			1	3															
1958				56	18	10	10	9	39	38	41	29	11	5	5	9	16	8	17	12	11	15	4			1	1								
1959				131	30	20	20	18	61	39	26	10	3	3		2				1															
1960				42	114	20	7	25	38	51	49	10	5	1	1	1					1														
1961				93	28	49	56	45	54	15	4	2	1	5	2	4		2		1	1	2											1		
1962				70	52	13	21	31	5	32	38	25	17	16	9	8	9	4	10		2	1		2											
1963				6	96	35	16	46	50	55	31	7	6	5	2	2	2			2															
1964				44	66	19	21	35	64	41	25	5	19	6	7	4	3	3		1	2														
1965				12	80	33	18	5	15	66	54	9	10	10	11	5	12	11	6	7	1														
1966				15	79	44	9	2	27	9	13	51	49	30	15	4	4	5	1	1	3	1			1	1									
1967				11	41	19	33	20	23	50	55	58	12	9	19	4	2	2	2	1		2												1	1
1968				36	48	15	11	31	22	16	45	60	30	26	16	4	2	3			1														
1969				5	60	19	10	33	18	27	25	18	18	22	8	7	7	9	4	6	21	15	16	13	1		1				1	1			
1970				4	127	30	21	16	8	36	53	49	11	2	2	2	2			2															
1971				4	103	36	31	15	33	73	36	5	7	4	6	3	5		1	1	1	1													
1972				32	90	36	18	19	23	74	30	12	7	7	5	1		3	1		3	1													
1973				26	41	8	9	17	8	26	50	29	14	17	13	19	11	7	9	14	10	12	6	6	7	4	2								
1974				10	131	39	14	19	23	33	39	31	19	3	1	2						1													
1975				5	48	58	17	10	18	41	73	35	25	14	7	6	2	1	1			1		1	1	1									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	16801	100.0	12	290.0	585	2534	15.1	24	2500	13	67	.3
1	40.00	82	16801	100.0	13	350.0	391	1949	11.6	25	3000	22	54	.3
2	48.00	1054	16719	99.5	14	420.0	241	1558	9.3	26	3600	11	32	.1
3	57.00	2881	15665	93.2	15	500.0	289	1317	7.8	27	4300	7	21	.1
4	69.00	1379	12784	76.1	16	600.0	209	1028	6.1	28	5200	3	14	
5	82.00	938	11405	67.9	17	710.0	200	819	4.9	29	6200	3	11	
6	98.00	1010	10467	62.3	18	850.0	146	619	3.7	30	7400		8	
7	120.00	991	9457	56.3	19	1000.0	137	473	2.8	31	8900	2	8	
8	140.00	1736	8466	50.4	20	1200.0	105	336	2.0	32	11000	3	6	
9	170.00	1669	6730	40.1	21	1500.0	73	231	1.4	33	13000	1	3	
10	200.00	1502	5061	30.1	22	1800.0	52	158	0.9	34	15000	2	2	
11	240.00	1025	3559	21.2	23	2100.0	39	106	0.6					

VIRGIN RIVER BASIN

09415000 VIRGIN RIVER AT LITTLEFIELD, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	5	7	14	30	60	90	120	183
1930	54.00 25	54.00 25	55.00 24	57.00 19	86.00 47	107.00 45	120.00 42	145.00 43	166.00 31
1931	50.00 8	50.00 8	50.00 7	51.00 5	53.00 6	55.00 6	62.00 8	69.00 7	89.00 8
1932	50.00 9	50.00 9	50.00 8	59.00 27	65.00 34	173.00 47	186.00 47	180.00 46	445.00 47
1933	51.00 15	53.00 20	54.00 20	54.00 14	57.00 14	73.00 32	88.00 27	95.00 23	141.00 25
1934	53.00 22	53.00 21	53.00 16	54.00 15	55.00 7	55.00 7	57.00 4	59.00 3	62.00 1
1935	52.00 18	52.00 15	53.00 17	53.00 9	60.00 18	75.00 36	119.00 41	122.00 38	188.00 34
1936	50.00 10	51.00 12	52.00 12	53.00 10	56.00 11	79.00 38	122.00 43	127.00 40	169.00 32
1937	54.00 26	55.00 26	55.00 21	57.00 20	68.00 42	99.00 44	104.00 35	124.00 39	324.00 42
1938	55.00 27	57.00 27	62.00 39	67.00 46	70.00 44	76.00 37	115.00 39	112.00 31	355.00 44
1939	52.00 19	53.00 16	53.00 13	54.00 16	57.00 15	58.00 10	59.00 7	74.00 12	133.00 22
1940	53.00 23	53.00 17	54.00 18	54.00 17	54.00 7	54.00 3	55.00 1	69.00 8	130.00 21
1941	58.00 34	60.00 37	65.00 47	73.00 47	77.00 46	159.00 46	175.00 46	192.00 47	398.00 45
1942	58.00 35	59.00 35	59.00 32	63.00 38	66.00 38	69.00 27	94.00 32	91.00 21	277.00 40
1943	63.00 45	63.00 43	64.00 42	64.00 41	66.00 39	67.00 24	87.00 26	103.00 27	199.00 36
1944	63.00 46	63.00 44	63.00 40	63.00 39	64.00 32	65.00 19	67.00 12	88.00 20	236.00 38
1945	60.00 38	60.00 38	61.00 35	62.00 35	63.00 28	74.00 33	144.00 45	167.00 44	219.00 37
1946	58.00 36	59.00 36	61.00 36	62.00 36	65.00 35	69.00 28	80.00 25	105.00 28	120.00 18
1947	62.00 41	63.00 45	64.00 43	66.00 45	71.00 45	74.00 34	112.00 36	112.00 32	164.00 29
1948	56.00 28	57.00 28	59.00 33	61.00 32	62.00 23	68.00 25	75.00 20	75.00 13	137.00 24
1949	62.00 42	62.00 40	62.00 37	63.00 37	63.00 29	64.00 17	76.00 21	112.00 33	195.00 35
1950	62.00 43	63.00 41	64.00 44	65.00 42	68.00 43	74.00 35	113.00 38	108.00 29	136.00 23
1951	57.00 29	57.00 29	58.00 30	59.00 28	60.00 19	66.00 22	99.00 34	101.00 25	116.00 15
1952	61.00 39	61.00 39	62.00 38	62.00 33	62.00 24	69.00 29	73.00 18	108.00 30	263.00 39
1953	64.00 47	65.00 47	65.00 45	66.00 43	66.00 36	70.00 30	77.00 22	80.00 16	107.00 13
1954	63.00 44	63.00 42	63.00 41	64.00 40	67.00 40	85.00 43	112.00 37	116.00 34	178.00 33
1955	61.00 40	64.00 46	65.00 46	66.00 44	66.00 37	67.00 23	79.00 24	86.00 18	124.00 19
1956	57.00 30	57.00 30	57.00 27	58.00 23	60.00 20	61.00 13	74.00 19	79.00 14	82.00 4
1957	57.00 31	57.00 31	57.00 28	58.00 24	62.00 25	65.00 20	92.00 28	103.00 26	129.00 20
1958	58.00 37	58.00 34	58.00 31	59.00 29	60.00 21	84.00 41	92.00 29	167.00 45	335.00 43
1959	57.00 32	57.00 32	57.00 29	58.00 25	59.00 17	60.00 11	63.00 9	66.00 6	88.00 7
1960	50.00 11	50.00 10	51.00 9	53.00 11	54.00 8	56.00 8	57.00 5	60.00 4	73.00 2
1961	58.00 33	58.00 33	60.00 34	61.00 30	62.00 26	63.00 14	67.00 13	79.00 15	97.00 10
1962	50.00 12	50.00 11	51.00 10	51.00 6	52.00 4	55.00 4	58.00 6	57.00 1	158.00 28
1963	41.00 2	41.00 1	44.00 3	51.00 7	52.00 5	52.00 2	55.00 2	60.00 5	76.00 3
1964	42.00 3	42.00 3	43.00 2	44.00 1	46.00 1	48.00 1	93.00 31	98.00 24	117.00 16
1965	44.00 4	45.00 4	46.00 4	48.00 3	51.00 3	57.00 9	77.00 23	93.00 22	118.00 17
1966	40.00 1	41.00 2	41.00 1	45.00 2	48.00 2	55.00 5	56.00 3	58.00 2	103.00 11
1967	52.00 20	53.00 18	53.00 14	57.00 21	64.00 33	84.00 42	95.00 33	116.00 35	157.00 27
1968	51.00 16	52.00 13	53.00 15	54.00 12	56.00 12	72.00 31	131.00 44	118.00 36	165.00 30
1969	50.00 13	52.00 14	55.00 22	57.00 22	67.00 41	83.00 39	92.00 30	129.00 41	408.00 46
1970	53.00 21	54.00 22	56.00 25	59.00 26	63.00 30	65.00 21	69.00 15	71.00 10	86.00 6
1971	51.00 14	53.00 19	57.00 26	62.00 34	63.00 31	63.00 15	66.00 10	88.00 19	105.00 12
1972	52.00 17	54.00 23	54.00 19	55.00 18	57.00 16	60.00 12	68.00 14	82.00 17	108.00 14
1973	48.00 7	49.00 7	51.00 11	54.00 13	55.00 9	68.00 26	70.00 16	138.00 42	284.00 41
1974	54.00 24	54.00 24	55.00 23	61.00 31	62.00 27	64.00 18	66.00 11	70.00 9	84.00 5
1975	44.00 5	45.00 5	47.00 5	51.00 8	56.00 13	83.00 40	116.00 40	119.00 37	142.00 26

VIRGIN RIVER BASIN

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09415000 VIRGIN RIVER AT LITTLEFIELD, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1930	6000.0 7	3700.0 8	2640.0 6	1670.0 8	908.0 9	654.0 10	475.0 14	413.0 14	354.0 14
1931	1860.0 23	938.0 29	611.0 31	472.0 29	363.0 29	302.0 26	283.0 25	270.0 23	240.0 23
1932	12000.0 3	9000.0 3	4210.0 3	2170.0 5	1490.0 5	1040.0 7	984.0 6	989.0 4	752.0 3
1933	1200.0 39	700.0 39	430.0 39	334.0 38	290.0 35	245.0 33	243.0 33	234.0 31	230.0 28
1934	954.0 43	634.0 43	357.0 44	268.0 45	251.0 40	210.0 38	199.0 39	183.0 41	153.0 44
1935	1800.0 26	1080.0 28	798.0 25	716.0 20	663.0 17	562.0 15	456.0 16	402.0 15	344.0 15
1936	2710.0 17	1760.0 16	837.0 23	440.0 32	424.0 27	291.0 29	277.0 26	244.0 28	235.0 26
1937	1440.0 32	1100.0 27	862.0 21	830.0 17	820.0 12	790.0 8	747.0 8	696.0 8	516.0 8
1938	17000.0 1	10700.0 1	5080.0 1	2580.0 2	1460.0 6	1190.0 5	1030.0 4	857.0 5	655.0 5
1939	5000.0 9	3330.0 9	2170.0 8	1230.0 10	737.0 14	398.0 23	285.0 24	254.0 24	235.0 27
1940	4600.0 12	3100.0 10	1800.0 12	1050.0 13	704.0 15	539.0 16	443.0 17	384.0 18	304.0 18
1941	4740.0 10	4000.0 5	3540.0 4	3010.0 1	2210.0 1	1610.0 1	1410.0 1	1220.0 1	921.0 1
1942	1810.0 25	1300.0 22	1100.0 17	1050.0 14	860.0 11	654.0 11	547.0 11	481.0 10	418.0 9
1943	1790.0 27	1490.0 20	1060.0 18	812.0 18	650.0 18	596.0 14	526.0 12	475.0 11	373.0 12
1944	1260.0 36	1230.0 24	1190.0 16	1060.0 11	807.0 13	617.0 12	556.0 9	488.0 9	397.0 10
1945	2500.0 19	1560.0 18	841.0 22	674.0 22	552.0 22	418.0 22	367.0 19	351.0 19	296.0 19
1946	1830.0 24	1160.0 25	658.0 29	487.0 28	336.0 30	255.0 32	249.0 31	239.0 30	216.0 30
1947	6760.0 5	3910.0 6	1920.0 10	1020.0 15	897.0 10	598.0 13	514.0 13	444.0 13	372.0 13
1948	646.0 46	587.0 45	530.0 36	446.0 30	366.0 28	296.0 27	260.0 29	242.0 29	227.0 29
1949	986.0 42	894.0 31	815.0 24	709.0 21	589.0 19	493.0 17	430.0 18	396.0 16	326.0 16
1950	1470.0 30	620.0 44	369.0 43	325.0 39	303.0 32	274.0 30	264.0 27	253.0 25	236.0 25
1951	3230.0 14	1550.0 19	771.0 26	434.0 33	282.0 36	195.0 45	172.0 45	165.0 44	154.0 43
1952	3230.0 15	2580.0 13	2150.0 9	2080.0 6	1670.0 3	1290.0 4	1010.0 5	811.0 7	649.0 6
1953	1270.0 35	873.0 33	477.0 38	307.0 42	237.0 44	221.0 36	212.0 35	198.0 36	166.0 39
1954	1700.0 28	835.0 34	625.0 30	507.0 26	438.0 25	360.0 24	305.0 23	293.0 22	252.0 21
1955	6330.0 6	3850.0 7	1770.0 13	1050.0 12	673.0 16	425.0 20	307.0 22	248.0 27	210.0 31
1956	1330.0 34	826.0 35	507.0 37	359.0 36	278.0 37	229.0 35	226.0 34	211.0 34	175.0 35
1957	1120.0 41	799.0 36	422.0 40	309.0 40	263.0 39	235.0 34	204.0 38	194.0 38	187.0 32
1958	3830.0 13	2200.0 14	1840.0 11	1510.0 9	1370.0 7	1180.0 6	974.0 7	816.0 6	606.0 7
1959	1250.0 37	683.0 41	349.0 45	279.0 44	244.0 42	209.0 39	192.0 41	191.0 39	169.0 38
1960	1470.0 31	716.0 38	416.0 41	283.0 43	210.0 46	183.0 46	178.0 43	177.0 42	161.0 41
1961	5330.0 8	2120.0 15	1020.0 19	638.0 24	479.0 24	330.0 25	261.0 28	212.0 33	164.0 40
1962	2140.0 21	1570.0 17	1300.0 15	846.0 16	554.0 21	434.0 19	459.0 15	385.0 17	314.0 17
1963	1620.0 29	884.0 32	568.0 33	342.0 37	299.0 33	207.0 40	156.0 46	135.0 46	122.0 46
1964	1880.0 22	1140.0 26	548.0 34	406.0 34	247.0 41	202.0 43	173.0 44	161.0 45	145.0 45
1965	937.0 44	775.0 37	702.0 27	649.0 23	567.0 20	462.0 18	361.0 20	305.0 21	250.0 22
1966	2640.0 18	1360.0 21	878.0 20	586.0 25	501.0 23	419.0 21	347.0 21	310.0 20	286.0 20
1967	15200.0 2	10300.0 2	4710.0 2	2370.0 4	1290.0 8	749.0 9	556.0 10	459.0 12	389.0 11
1968	1180.0 40	685.0 40	544.0 35	440.0 31	298.0 34	266.0 31	259.0 30	251.0 26	239.0 24
1969	7220.0 4	4060.0 4	2470.0 7	1790.0 7	1650.0 4	1440.0 3	1220.0 3	1100.0 2	836.0 2
1970	914.0 45	499.0 46	394.0 42	308.0 41	231.0 45	212.0 37	208.0 36	208.0 35	182.0 33
1971	1200.0 38	903.0 30	674.0 28	490.0 27	325.0 31	198.0 44	182.0 42	174.0 43	159.0 42
1972	4740.0 11	2910.0 12	1410.0 14	729.0 19	425.0 26	294.0 28	243.0 32	226.0 32	180.0 34
1973	3000.0 16	2930.0 11	2710.0 5	2450.0 3	2050.0 2	1540.0 2	1230.0 2	1020.0 3	738.0 4
1974	1390.0 33	679.0 42	331.0 46	256.0 46	240.0 43	204.0 41	207.0 37	197.0 37	170.0 37
1975	2380.0 20	1250.0 23	593.0 32	363.0 35	265.0 38	203.0 42	194.0 40	187.0 40	174.0 36

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
140	187	228	219	285	301	385	389	113	104	195	150
9365	6453	27530	9722	41550	66290	135000	229900	6709	5300	36830	21410
96.8	80.3	166	98.6	204	257	367	480	81.9	72.8	192	146
3.04	2.61	5.39	4.15	3.42	2.39	1.33	2.15	1.98	2.72	2.76	2.58
0.69	0.43	0.73	0.45	0.71	0.86	0.96	1.23	0.72	0.70	0.99	0.97
5.18	6.93	8.46	8.13	10.6	11.2	14.3	14.4	4.20	3.86	7.22	5.57

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
224	12670	113	1.48	0.50	-0.069

09424000 COLORADO RIVER NEAR TOPOCK, AZ

LOCATION.--Lat 34°41'15", long 114°27'43", in SW¼NW¼ sec.13, T.15 N., R.21 W., Gila and Salt River meridian, Mohave County, Hydrologic Unit 15030101, on left bank in Mohave Canyon, 2.4 mi (3.9 km) southeast of Topock, 39 mi (63 km) upstream from Parker Dam, and 45 mi (72 km) downstream from Davis Dam.

DRAINAGE AREA.--176,300 mi² (456,600 km²), approximately, including 3,959 mi² (10,254 km²) in Great Divide basin in southern Wyoming, which is noncontributing (previously considered part of the Missouri River basin).

REMARKS.--Records good above 10,000 ft³/s (280 m³/s), and fair below. Many diversions above station for irrigation, municipal, and industrial uses. Flow regulated by Lake Mead since Feb. 1, 1935, and by Lake Mohave since Jan. 17, 1950.

WATER YEAR	ANNUAL PEAK DISCH., CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK, FT	CODE	ANNUAL MAX GAGE HT., FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1862	400000	- -	ES HP					1918	15216000
1884	300000	07-10-84	ES HP					1919	12865000
1917	156000	06- -17						1920	529000
1918	94000	06-30-18						1921	1717000
1919	78500	06-05-19						1922	18990000
1920	156000	06-01-20						1923	18177000
1921	200000	06-22-21	ES					1924	13838000
1922	125000	06-03-22						1925	11706000
1923	103600	06-03-23		18.6				1926	14255000
1924	71000	06-20-24		15.85				1927	16993000
1925	51200	06-06-25		14.70				1928	15379000
1926	84800	06-01-26		19.80				1929	18877000
1927	107000	07-05-27		22.2				1930	13247000
1928	112000	06-07-28		22.73				1931	6769000
1929	101000	06-01-29		21.9				1932	16106000
1930	65100	06-06-30		19.74				1933	10150000
1931	32000	05-24-31		15.82				1934	4870000
1932	97100	05-30-32		23.75				1935	5225000
1933	78000	06-18-33		20.22				1936	6025000
1934	25600	05-20-34		14.76				1937	5577000
1935	18600	06-24-35	KR	14.83				1938	5967000
1936	11500	08-02-36	KR	13.90				1939	8189000
1937	11300	08-24-37	KR	14.28				1940	7460000
1938	18800	07-03-38	KR	16.55				1941	11482000
1939	34900	02-02-39	KR	24.18				1942	17393000
1940	17500	04-05-40	KR	24.68				1943	11995000
1941	34500	06-16-41	MD KR		NM	25.94	06-01-41	1944	13882000
1942	35700	01-29-42	KR		NM	25.99	12-17-41	1945	12369000
1943	22200	10-10-42	MD KR		NM	29.35	07-19-43	1946	10865000
1944	24000	02-27-44	MD KR		NM	29.20	08-06-44	1947	10456000
1945	22300	03-24-45	MD KR		NM	28.83	07-02-45	1948	12636000
1946	20700	02-02-46	MD KR		NM	28.69	04-20-46	1949	12911000
1947	18700	02-01-47	MD KR		NM	29.23	05-11-47	1950	12239000
1948	23100	04-16-48	MD KR		NM	29.69	05-01-48	1951	8713000
1949	23400	04-16-49	MD KR		NM	29.72	05-29-49	1952	13900000
1950	22800	12-11-49	MD KR		NM	30.63	01-15-50	1953	12870000
1951	22200	06-26-51	MD KR		NM	30.93	06-27-51	1954	9983000
1952	26900	06-05-52	KR		NM	33.15	06-19-52	1955	9369000
1953	22900	10-02-52	MD KR		NM	32.56	07-03-53	1956	7524000
1954	19700	05-20-54	MD KR		NM	33.30	05-22-54	1957	7681000
1955	18100	06-27-55	MD KR					1958	11929000
1956	15700	07-07-56	MD KR		NM	33.40	07-01-56	1959	9644000
1957	17200	07-11-57	MD KR		NM	33.92	07-07-57	1961	8325000
1958	24500	05-03-58	MD KR		NM	34.03	05-11-58	1962	7951000
1959	18200	07-09-59	MD KR	34.35				1963	8410000
1960	17700	07-01-60	KR	34.19				1964	8140000
1961	17600	03-31-61	KR	33.95				1965	7883000
1962	17700	04-15-62	KR	34.02				1966	7707000
1963	18700	08-04-63	KR	34.02				1967	7707000
1964	18200	07-05-64	KR	33.91				1968	7586000
1965	18600	08-15-65	KR	33.64				1969	7828000
1966	19400	07-07-66	KR	33.80				1970	7668000
1967	18500	06-23-67	KR	33.26				1971	7985000
1968	18400	07-17-68	KR	33.05				1972	7958000
1969	17800	08-07-69	KR	32.55				1973	7499000
1970	19800	03-28-70	KR	32.82				1974	8290000
1971	19100	07-29-71	KR	32.72				1975	7757000
1972	18800	04-23-72	KR	32.86					
1973	18000	08-12-73	KR	32.58					
1974	19100	07-03-74	KR	22.84					
1975	20900	04-25-75	KR	33.17					

ES Discharge estimated from another site.

HP Isolated historic peak; not part of systematic record.

KR Known significant effect of regulation or diversion.

MD Discharge is a maximum daily.

NM Not maximum gage height for water year.

COLORADO RIVER MAIN STEM

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09424000 COLORADO RIVER NEAR TOPOCK, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1918																2	26	108	39	22	36	23	16	13	5	6	26	20	6	3	14				
1919															5	15	22	47	68	53	7	5	19	27	21	12	31	17	4	6	6				
1920																15	20	44	63	26	34	17	12	26	16	22	10	16	8	8	11	4	6	8	
1921																17	28	84	31	15	28	20	20	13	10	13	17	8	13	12	12	11	5	6	2
1922																1	23	59	53	40	43	23	22	11	9	13	4	7	11	13	20	12	1		
1923																35	58	77	16	7	8	8	22	27	17	15	13	9	15	18	17	3			
1924													8	9	16	12	36	47	44	47	32	7	14	9	14	12	21	15	21	2					
1925										2	4	1	1	9	28	13	61	49	21	16	15	31	23	15	32	21	20	3							
1926													2	7	21	38	51	37	22	32	32	13	11	20	12	14	8	14	13	17	1				
1927													4	5	15	44	51	21	23	23	22	28	22	10	8	7	15	17	29	9	9	3			
1928														12	13	53	42	31	51	34	28	21	8	6	12	11	4	19	8	7	6				
1929													4	3	21	48	25	40	10	17	14	12	29	17	23	18	18	17	12	18	17	2			
1930													2	3	15	17	29	60	47	19	32	19	21	22	17	24	17	15	6						
1931											6	9	10	24	39	45	54	67	26	19	23	9	11	14	9										
1932												1	4	5	40	38	38	18	21	24	21	29	9	15	14	21	13	17	22	6	10				
1933												3	20	22	31	52	72	40	36	11	10	12	5	7	4	6	7	3	8	16					
1934									11	34	15	20	4	7	37	109	52	17	10	7	17	14	7	4											
1935		1	1		1	1			3		11	30	20	40	33	20	73	9	75	1	34	12													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6574	100.0	12	3100.0	79	6420	97.7	24	28000	208	1341	20.3
1	422.00	1	6574	100.0	13	3700.0	139	6341	96.5	25	33000	235	1133	17.2
2	510.00	1	6573	100.0	14	4500.0	323	6202	94.3	26	40000	217	898	13.6
3	610.00	0	6572	100.0	15	5400.0	541	5879	89.4	27	48000	169	681	10.3
4	730.00	1	6572	100.0	16	6400.0	797	5338	81.2	28	57000	189	512	7.7
5	870.00	1	6571	100.0	17	7700.0	887	4541	69.1	29	69000	136	323	4.9
6	1000.00	0	6570	99.9	18	9300.0	621	3654	55.6	30	82000	118	187	2.8
7	1300.00	0	6570	99.9	19	11000.0	384	3033	46.1	31	99000	41	69	1.0
8	1500.00	14	6570	99.9	20	13000.0	440	2649	40.3	32	120000	12	28	.4
9	1800.00	36	6556	99.7	21	16000.0	324	2209	33.6	33	140000	14	16	.2
10	2200.00	36	6520	99.2	22	19000.0	292	1885	28.7	34	170000	2	2	
11	2600.00	64	6484	98.6	23	23000.0	252	1593	24.2					

09424000 COLORADO RIVER NEAR TOPOCK, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1918	6000.00 43	6400.00 43	6740.00 42	7070.00 40	7900.00 41	8300.00 39	8490.00 36	8660.00 36	10100.00 36
1919	4100.00 30	4250.00 29	4490.00 29	5000.00 29	5590.00 28	6430.00 30	7060.00 29	7470.00 30	8800.00 25
1920	5500.00 38	5600.00 36	5670.00 36	6450.00 37	7310.00 38	8290.00 38	9210.00 41	9250.00 38	11700.00 44
1921	5900.00 42	5970.00 38	6070.00 38	6130.00 36	6540.00 35	7170.00 36	7460.00 33	7910.00 34	9280.00 33
1922	6360.00 44	6390.00 42	6640.00 41	7080.00 41	7890.00 40	9100.00 43	9710.00 43	9880.00 43	11900.00 45
1923	5600.00 39	5670.00 37	5730.00 37	5940.00 34	5970.00 32	6890.00 33	7490.00 34	7400.00 28	7670.00 13
1924	3250.00 22	3330.00 22	3490.00 18	3720.00 14	4420.00 10	5840.00 20	8850.00 37	9600.00 41	10800.00 41
1925	1980.00 10	2100.00 9	2310.00 5	3150.00 8	4160.00 8	5150.00 11	5930.00 14	6130.00 12	7080.00 9
1926	3510.00 26	3600.00 24	4110.00 25	4520.00 22	5070.00 20	6140.00 26	6420.00 25	7000.00 25	9430.00 34
1927	3410.00 25	3500.00 23	3680.00 22	4160.00 17	5100.00 21	5960.00 23	6000.00 18	6270.00 17	7680.00 14
1928	4710.00 33	4850.00 32	5250.00 32	5380.00 31	6460.00 34	7500.00 37	7780.00 35	8550.00 35	10600.00 40
1929	3260.00 23	3320.00 21	3670.00 21	4420.00 20	4980.00 19	5660.00 17	5930.00 15	6600.00 21	8630.00 24
1930	3410.00 24	3650.00 26	4040.00 24	4570.00 23	5430.00 26	6040.00 24	6790.00 27	7540.00 32	8830.00 27
1931	2420.00 16	2530.00 13	2590.00 9	2660.00 5	3250.00 5	4520.00 5	5930.00 16	6200.00 14	6950.00 6
1932	2840.00 18	3030.00 17	3490.00 19	4390.00 19	4650.00 12	5160.00 12	5660.00 9	6040.00 9	9120.00 31
1933	2820.00 17	2910.00 16	3100.00 15	3320.00 11	4080.00 6	4760.00 8	5250.00 6	5650.00 5	6280.00 4
1934	1570.00 3	1650.00 3	1750.00 2	1880.00 1	2000.00 1	2290.00 1	2560.00 1	4380.00 2	5980.00 3
1935	422.00 1	580.00 1	1410.00 1	2540.00 4	2680.00 3	2980.00 2	3370.00 2	3830.00 1	4290.00 1
1936	4490.00 32	4580.00 31	4620.00 31	4630.00 26	4660.00 13	4680.00 6	4960.00 5	5870.00 6	7010.00 8
1937	3630.00 27	4260.00 30	4530.00 30	4570.00 24	4610.00 11	4730.00 7	4850.00 4	5120.00 4	5970.00 2
1938	5140.00 36	5310.00 35	5550.00 33	5880.00 33	6040.00 33	6140.00 27	6150.00 20	6230.00 15	6790.00 5
1939	3730.00 28	5050.00 33	5560.00 34	5620.00 32	5710.00 30	6400.00 29	9210.00 42	9740.00 42	10100.00 37
1940	4980.00 35	6060.00 40	6780.00 43	6910.00 39	7830.00 39	8640.00 40	9200.00 40	9270.00 39	9480.00 35
1941	5500.00 37	7000.00 44	7610.00 44	7910.00 43	8580.00 43	8860.00 41	8930.00 38	9080.00 37	10300.00 39
1942	8830.00 49	10200.00 51	11400.00 51	12700.00 54	13100.00 54	13600.00 53	16700.00 57	18800.00 58	19400.00 58
1943	12100.00 57	13000.00 57	13700.00 56	13900.00 56	14200.00 55	14700.00 55	14800.00 53	14900.00 53	15600.00 51
1944	14600.00 58	15400.00 58	16300.00 58	16400.00 58	16800.00 58	17300.00 58	17800.00 58	18000.00 57	18300.00 57
1945	10500.00 56	10900.00 54	12200.00 52	12500.00 51	12800.00 52	13100.00 51	13400.00 52	14000.00 51	14900.00 49
1946	7870.00 46	9250.00 48	10700.00 50	11200.00 50	11500.00 49	11900.00 49	12200.00 48	12400.00 47	13100.00 47
1947	9270.00 50	10700.00 52	12200.00 53	12600.00 52	12700.00 51	13100.00 52	13300.00 51	13800.00 50	14300.00 48
1948	9780.00 54	10900.00 53	12500.00 55	12900.00 55	12900.00 53	13900.00 54	15000.00 54	16000.00 55	17100.00 55
1949	10100.00 55	11800.00 56	14300.00 57	14600.00 57	14600.00 57	15600.00 57	16000.00 56	16100.00 56	17200.00 56
1950	803.00 2	1000.00 2	3240.00 17	8280.00 44	12000.00 50	12200.00 50	13200.00 49	13700.00 49	15000.00 50
1951	5600.00 40	6020.00 39	6400.00 40	7090.00 42	8400.00 42	8890.00 42	9050.00 39	9300.00 40	10200.00 38
1952	8440.00 48	8680.00 47	8840.00 47	9090.00 47	9320.00 46	10600.00 45	11300.00 46	12700.00 48	15700.00 52
1953	9510.00 53	11400.00 55	12300.00 54	12700.00 53	14400.00 56	15300.00 56	15400.00 55	15600.00 54	16200.00 54
1954	7660.00 45	8010.00 45	8650.00 46	8720.00 46	8880.00 44	9290.00 44	10100.00 44	11000.00 44	11600.00 42
1955	9430.00 52	9470.00 50	9700.00 49	9910.00 49	10400.00 48	10700.00 46	10900.00 45	11200.00 45	11700.00 43
1956	3020.00 20	3640.00 25	4150.00 26	4580.00 25	4910.00 16	5160.00 13	5730.00 10	6080.00 11	7470.00 12
1957	3180.00 21	3310.00 20	3530.00 20	4050.00 15	4680.00 14	5140.00 10	5560.00 8	5880.00 7	7420.00 11
1958	8080.00 47	8130.00 46	8250.00 45	8360.00 45	9110.00 45	11600.00 48	13300.00 50	14900.00 52	16100.00 53
1959	9340.00 51	9380.00 49	9450.00 48	9600.00 48	10100.00 47	11100.00 47	11700.00 47	11900.00 46	12000.00 46
1961	4090.00 29	4150.00 27	4250.00 27	4510.00 21	5150.00 23	6560.00 32	7000.00 28	7480.00 31	9230.00 32
1962	2980.00 19	3050.00 18	3090.00 14	3270.00 9	4160.00 7	5130.00 9	5740.00 11	6060.00 10	7700.00 15
1963	4180.00 31	4210.00 28	4480.00 28	4820.00 28	5300.00 24	6260.00 28	7120.00 30	7650.00 33	9070.00 30
1964	5680.00 41	6120.00 41	6240.00 39	6630.00 38	6770.00 36	7020.00 34	7210.00 32	7410.00 29	8880.00 29
1965	1800.00 5	2020.00 8	2830.00 11	5300.00 30	5610.00 29	5760.00 18	6150.00 21	6540.00 20	7880.00 17
1966	1760.00 4	1840.00 4	1880.00 3	1900.00 2	2120.00 2	3090.00 3	3820.00 3	4780.00 3	6960.00 7
1967	2130.00 12	2240.00 12	3040.00 13	4690.00 27	5120.00 22	5880.00 22	6290.00 23	6620.00 22	8280.00 21
1968	1970.00 9	1980.00 5	2030.00 4	2470.00 3	3150.00 4	4450.00 4	5260.00 7	5980.00 8	7830.00 16
1969	2100.00 11	2660.00 15	2800.00 10	2970.00 7	5410.00 25	6130.00 25	6390.00 24	6840.00 24	8600.00 23
1970	2160.00 13	2550.00 14	3010.00 12	3630.00 12	4840.00 15	5850.00 21	6280.00 22	6520.00 19	8200.00 20
1971	1810.00 6	2010.00 7	3160.00 16	4370.00 18	5870.00 31	6440.00 31	6700.00 26	7210.00 26	8830.00 28
1972	4880.00 34	5310.00 34	5670.00 35	5990.00 35	6810.00 37	7110.00 35	7250.00 31	7250.00 27	8810.00 26
1973	2210.00 14	2210.00 10	2320.00 6	3640.00 13	4930.00 17	5320.00 14	5880.00 13	6270.00 16	7180.00 10
1974	1920.00 7	2000.00 6	2440.00 8	2690.00 6	4250.00 9	5470.00 15	6000.00 19	6730.00 23	8300.00 22
1975	2230.00 15	3210.00 19	3720.00 23	4160.00 16	4980.00 18	5510.00 16	5830.00 12	6400.00 18	7970.00 18

COLORADO RIVER MAIN STEM

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09424000 COLORADO RIVER NEAR TOPOCK, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1918	92000.0 9	91400.0 9	89200.0 8	87000.0 7	71800.0 7	59200.0 9	50600.0 9	42500.0 9	33100.0 8
1919	77300.0 12	76800.0 11	73300.0 12	64800.0 12	52800.0 13	45400.0 13	38900.0 12	34700.0 12	27600.0 12
1920	155000.0 2	153000.0 2	151000.0 2	142000.0 2	118000.0 2	88400.0 2	71400.0 2	60300.0 2	46000.0 2
1921	174000.0 1	170000.0 1	161000.0 1	143000.0 1	123000.0 1	97700.0 1	79200.0 1	67400.0 1	50600.0 1
1922	121000.0 3	119000.0 3	115000.0 3	105000.0 3	99200.0 3	84500.0 3	67600.0 3	56900.0 3	42300.0 5
1923	102000.0 6	101000.0 5	97900.0 5	91800.0 4	87300.0 4	74400.0 4	62000.0 4	53200.0 5	42500.0 4
1924	70400.0 13	69200.0 13	64900.0 13	60900.0 13	58100.0 12	51100.0 11	45800.0 11	38000.0 11	28300.0 11
1925	50400.0 15	49500.0 15	47800.0 15	45900.0 15	40400.0 15	38000.0 15	34300.0 15	30200.0 14	25200.0 14
1926	83800.0 10	81100.0 10	76400.0 10	75200.0 9	68200.0 9	58200.0 10	48900.0 10	41400.0 10	30500.0 10
1927	105000.0 5	98100.0 7	84400.0 9	73600.0 11	67000.0 10	64300.0 7	55400.0 6	46700.0 7	39200.0 6
1928	110000.0 4	109000.0 4	104000.0 4	90000.0 5	80700.0 6	65500.0 6	52400.0 8	43400.0 8	32300.0 9
1929	100000.0 7	98400.0 6	94000.0 6	87300.0 6	85500.0 5	72000.0 5	59800.0 5	53800.0 4	43500.0 3
1930	64000.0 14	61900.0 14	57100.0 14	54100.0 14	50700.0 14	41000.0 14	37300.0 13	33300.0 13	27300.0 13
1931	30700.0 16	30000.0 16	29200.0 16	27200.0 16	25700.0 16	20900.0 16	17800.0 16	15300.0 16	12300.0 16
1932	96300.0 8	94200.0 8	91800.0 7	85100.0 8	71100.0 8	64000.0 8	54800.0 7	47000.0 6	36300.0 7
1933	77300.0 11	76700.0 12	75200.0 11	73900.0 10	66600.0 11	47500.0 12	36400.0 14	29500.0 15	22200.0 15
1934	25100.0 17	24800.0 17	23200.0 17	20900.0 17	18600.0 17	15000.0 17	12000.0 18	10600.0 18	8990.0 18
1935	18300.0 18	17800.0 18	17400.0 18	16700.0 18	15700.0 18	13900.0 18	12400.0 17	11700.0 17	10100.0 17

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
10110	8945	7676	6610	8720	11510	20640	48110	65690	31370	16570	12390
12970000	5653000	3098000	2952000	10220000	10930000	49270000	3.39E+08	7.56E+08	2.32E+08	94110000	78560000
3602	2378	1760	1718	3197	3306	7019	18400	27490	15240	9701	8863
1.00	0.85	0.34	0.97	2.02	0.61	-0.69	-0.43	0.03	0.31	0.67	1.35
0.36	0.27	0.23	0.26	0.37	0.29	0.34	0.38	0.42	0.49	0.59	0.72
4.07	3.60	3.09	2.66	3.51	4.64	8.31	19.4	26.5	12.6	6.67	4.99

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
20250	39320000	6271	-0.63	0.31	0.399

09424200 COTTONWOOD WASH NO. 1 NEAR KINGMAN, AZ

LOCATION.--Lat 35°10'52", long 113°28'08", in NW¼ sec.29, T.21 N., R.11 W., Mohave County, Hydrologic Unit 15030201, on right bank, 13 mi (21 km) upstream from mouth, and 34 mi (55 km) east of Kingman.

DRAINAGE AREA.--143 mi² (370 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1964	7000	07-31-64	7.36	1965	1940
1965	820	08-15-65	2.20	1966	4860
1966	6700	08-18-66	7.15	1967	3080
1967	6300	08-19-67	7.00	1968	1720
1968	3640	10-05-67	5.05	1969	4760
1969	5580	09-13-69	5.26	1970	2960
1970	3120	08-19-70	4.44	1971	2660
1971	4020	08-21-71	4.74	1972	625
1972	436	06-07-72	2.79	1973	4420
1973	1720	06-13-73	3.83	1974	2540
1974	6450	07-21-74	5.64	1975	639
1975	870	07-27-75	3.20		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1965							34184	110	12	8	1		2	1			3	1	2			2	1	2		1	1									
1966						15	59	103	129	21	7	2	5	2	3	2	1	1	3	1	1	3	2	1			1		1		1		1			
1967						46161	28	107		5	1		2	2	2	1	1		2	2	2	2								2		1				
1968				1	7	45161	118	16	8				2		1				3	1		3	1	1		1			1							
1969					2	21137	146	27	7				1		2	3			2	2	4	3	1	2					2	1	1			1		
1970						93144	15	91		6	1		2	3				1		1	1	1	1			2	1	1			1					
1971			26	22	8	26	34167	63		3					2	1	1	1				1	2	4	2											
1972	38	18	10	7	8110	92	79				1			1				1				1														
1973		40	29	10	14	15	77	113	11	12	3		3	1	3	3	2	3	1	5	2	2	5	5	4	1	1									
1974	44	36	64	37	26	26	44	66	13	2						1	1			2											2	1				
1975	80	9	17	17	31	80	89	34	2	2	1						1		1																	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4017	100.0	12	3.1	2	184	4.6	24	73	7	38	.9
1	0.10	162	4017	100.0	13	4.0	17	182	4.5	25	95	7	31	.7
2	0.20	129	3855	96.0	14	5.2	12	165	4.1	26	120	4	24	.5
3	0.30	142	3726	92.8	15	6.8	12	153	3.8	27	160	4	20	.4
4	0.40	80	3584	89.2	16	8.8	12	141	3.5	28	210	5	16	.3
5	0.50	114	3504	87.2	17	12.0	10	129	3.2	29	270	5	11	.2
6	0.60	519	3390	84.4	18	15.0	8	119	3.0	30	350	4	6	.1
7	0.80	1315	2871	71.5	19	20.0	13	111	2.8	31	460		2	
8	1.10	875	1556	38.7	20	25.0	17	98	2.4	32	600	2	2	
9	1.40	411	681	17.0	21	33.0	15	81	2.0	33				
10	1.80	71	270	6.7	22	43.0	12	66	1.6	34				
11	2.40	15	199	5.0	23	56.0	16	54	1.3					

09424200 COTTONWOOD WASH NO. 1 NEAR KINGMAN, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1965	0.60 10	0.60 9	0.60 9	0.63 10	0.63 9	0.90 11	0.95 10	1.00 10	1.10 7
1966	0.60 11	0.60 10	0.60 10	0.60 9	0.71 10	1.10 12	1.19 12	1.30 12	1.40 8
1967	0.60 12	0.63 11	0.67 12	0.69 11	0.72 11	0.74 8	0.76 7	0.81 6	0.95 5
1968	0.40 7	0.50 7	0.51 7	0.56 7	0.62 7	0.71 6	0.84 8	0.95 8	1.00 6
1969	0.50 8	0.63 12	0.66 11	0.70 12	0.79 12	0.82 9	0.91 9	1.00 9	3.60 10
1970	0.60 9	0.60 8	0.60 8	0.60 8	0.62 8	0.71 7	0.73 6	0.91 7	2.60 9
1971	0.20 5	0.20 5	0.20 5	0.20 5	0.23 5	0.28 3	0.38 4	0.47 3	0.62 3
1972	0.10 1	0.10 1	0.10 1	0.10 1	0.10 1	0.33 4	0.35 3	0.80 5	0.76 4
1973	0.20 6	0.20 6	0.20 6	0.20 6	0.23 6	0.90 10	1.00 11	1.10 11	5.20 12
1974	0.10 2	0.10 2	0.10 2	0.10 2	0.12 3	0.18 2	0.19 2	0.22 1	0.51 2
1975	0.10 3	0.10 3	0.10 3	0.10 3	0.10 2	0.10 1	0.14 1	0.26 2	0.46 1

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1965	127.0 9	103.0 8	65.0 8	35.0 8	18.0 8	9.9 8	7.0 8	5.5 8	4.4 8
1966	601.0 2	223.0 2	98.0 4	53.0 5	40.0 1	21.0 2	14.0 2	11.0 3	7.8 3
1967	448.0 3	231.0 1	103.0 3	51.0 6	29.0 5	15.0 6	10.0 6	7.9 6	5.5 7
1968	212.0 7	72.0 9	31.0 9	17.0 9	10.0 9	5.5 9	3.9 9	3.2 9	2.5 9
1969	602.0 1	205.0 3	119.0 1	52.0 1	32.0 4	27.0 1	18.0 1	14.0 1	9.6 2
1970	357.0 5	155.0 5	113.0 2	55.0 3	28.0 6	14.0 7	9.9 7	7.7 7	7.1 4
1971	299.0 6	133.0 6	89.0 5	60.0 2	36.0 2	18.0 5	12.0 5	9.3 4	6.3 5
1972	36.0 11	16.0 11	7.5 11	3.9 11	2.3 11	1.4 11	1.2 11	1.2 10	1.2 10
1973	174.0 8	112.0 7	66.0 7	53.0 4	36.0 3	19.0 3	13.0 3	11.0 2	11.0 1
1974	400.0 4	203.0 4	88.0 6	41.0 7	21.0 7	18.0 4	12.0 4	9.3 5	6.1 6
1975	70.0 10	24.0 10	11.0 10	5.3 10	3.0 10	2.3 10	1.6 10	1.2 11	0.9 11

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.58	1.18	5.24	1.42	2.36	4.89	2.46	0.80	1.06	5.01	13.3	5.77
4.47	0.14	125	0.21	15.3	98.0	25.5	0.11	1.29	25.3	130	99.6
2.11	0.38	11.2	0.45	3.91	9.90	5.05	0.34	1.14	5.03	11.4	9.98
3.08	0.58	3.03	1.21	3.29	3.04	3.42	-0.77	2.30	1.03	0.34	2.12
1.34	0.32	2.13	0.32	1.66	2.02	2.06	0.42	1.07	1.00	0.85	1.73
3.50	2.62	11.6	3.14	5.23	10.8	5.45	1.78	2.35	11.1	29.6	12.8

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
3.79	4.24	2.06	0.07	0.54	-0.335

BILL WILLIAMS RIVER BASIN

09424450 BIG SANDY RIVER NEAR WIKIEUP, AZ

LOCATION.--Lat 34°27'45", long 113°37'25", in SE¼ sec.16, T.13 N., R.13 W., Mohave County, Hydrologic Unit 15030201, on left bank 7 mi (11 km) downstream from Burro Creek, 15 mi (24 km) upstream from confluence with Santa Maria River, and 17 mi (27 km) south of Wikieup.

DRAINAGE AREA.--2,800 mi² (7,250 km²), approximately.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1967	28000	12-07-66	10.82	1967	43200
1968	9520	01-28-68	4.90	1968	34900
1969	11100	01-26-69	5.42	1969	26300
1970	3350	09-04-70	2.62	1970	26800
1971	10300	08-19-71	6.25	1971	13800
1972	1300	08-13-72	2.00	1972	5510
1973	5310	03-13-73	4.1	1973	116000
1974	3000	09-24-74	5.35	1974	3600
1975	1720	07-29-75	5.10	1975	4550

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1967			21	11	45	51	39	29	57	51	23	20	1	1	3		2	1			1		2		2		1					2				2
1968			2	8	33	62	75	43	23	10	11	8	11	12	8	17	10	7	5	8		4	1		1	1	3	1	1					1		
1969					25104	129	19		13	15	3	9	5	3	3	2	9	2	3	5	1	6	2	2	2	1	1							1		
1970					2	42	92	98	67	12	15	7	4	2	2	2	3	2	3	1			1	3	1	1	3			1				1		
1971					39	45	46	26139	46	7	5	2	1		1	1		1	1	1	1		1		2	1			2	1						
1972					15	62	62174	37	3	3		2	1		1	1	1	1	1	1		1	1													
1973						7	41	45	49	1	22	41	28	19	15	8	10	10	3	5	8	3	3	8	4	4	3	7	1	8	5	5	1	1		
1974			19	17	52	82126	57	4				1	1	1		3						1														
1975					52121168	8	1		1	1	1	1	1	2		1	2	2		1		2														

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3287	100.0	12	21.0	41	349	10.6	24	430	10	66	2.0
1	1.20	19	3287	100.0	13	27.0	37	308	9.4	25	560	8	56	1.7
2	1.70	79	3268	99.4	14	35.0	23	271	8.2	26	720	14	48	1.4
3	2.20	185	3189	97.0	15	45.0	36	248	7.5	27	920	4	34	1.0
4	2.80	463	3004	91.4	16	57.0	37	212	6.4	28	1200	10	30	.9
5	3.60	732	2541	77.3	17	74.0	18	175	5.3	29	1500	8	20	.6
6	4.60	764	1809	55.0	18	95.0	17	157	4.8	30	2000	5	12	.3
7	5.90	295	1045	31.8	19	120.0	26	140	4.3	31	2500	1	7	.2
8	7.60	117	750	22.8	20	160.0	4	114	3.5	32	3300	4	6	.1
9	9.80	122	633	19.3	21	200.0	19	110	3.3	33	4200		2	
10	13.00	89	511	15.5	22	260.0	13	91	2.8	34	5400	2	2	
11	16.00	73	422	12.8	23	340.0	12	78	2.4					

BILL WILLIAMS RIVER BASIN

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09424450 BIG SANDY RIVER NEAR WIKIEUP, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1967	1.90 2	2.00 2	2.10 3	2.20 3	2.30 3	2.70 4	3.50 5	4.60 8	6.20 5
1968	1.90 3	2.10 4	2.60 7	2.70 7	3.00 7	3.40 7	3.70 7	4.70 9	6.40 6
1969	3.00 9	3.00 9	3.00 8	3.60 9	4.00 9	4.30 9	4.40 8	4.50 6	9.20 7
1970	2.50 6	2.70 8	3.00 9	3.10 8	3.40 8	4.10 8	4.50 9	4.60 7	12.00 8
1971	2.00 4	2.00 3	2.00 2	2.00 2	2.00 2	2.20 1	2.30 1	2.60 1	3.40 1
1972	2.50 7	2.50 6	2.50 5	2.50 4	2.80 6	3.20 6	3.50 6	3.90 5	4.40 4
1973	3.20 10	3.20 10	4.00 10	4.10 10	4.20 10	7.70 10	8.90 10	8.20 10	20.00 9
1974	1.30 1	1.40 1	1.50 1	1.80 1	1.90 1	2.20 2	2.40 2	2.70 2	3.40 2
1975	2.40 5	2.40 5	2.40 4	2.50 5	2.60 4	2.70 3	3.20 4	3.40 4	4.40 3

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1967	8000.0 1	5080.0 1	2270.0 2	1070.0 2	541.0 2	277.0 2	188.0 2	143.0 2	96.0 2
1968	4050.0 2	2040.0 4	959.0 4	492.0 4	337.0 4	241.0 3	176.0 3	134.0 3	90.0 3
1969	3960.0 3	1570.0 5	704.0 5	334.0 5	190.0 5	182.0 4	125.0 4	95.0 4	64.0 5
1970	3900.0 4	2130.0 3	1310.0 3	691.0 3	354.0 3	181.0 5	123.0 5	93.0 5	66.0 4
1971	1200.0 6	1090.0 6	589.0 6	326.0 6	184.0 6	94.0 6	63.0 6	48.0 6	33.0 6
1972	387.0 7	172.0 7	80.0 8	41.0 8	24.0 8	15.0 7	12.0 7	9.9 7	8.2 8
1973	3440.0 5	2430.0 2	2290.0 1	1700.0 1	1270.0 1	769.0 1	525.0 1	403.0 1	307.0 1
1974	210.0 9	98.0 9	51.0 9	25.0 9	14.0 9	12.0 9	8.5 9	7.0 9	5.7 9
1975	234.0 8	155.0 8	94.0 7	47.0 7	25.0 7	15.0 8	11.0 8	9.3 8	8.3 7

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
15.1	21.5	82.2	54.7	54.5	193	13.7	5.34	3.89	4.74	37.9	11.6
1017	2366	28880	8399	7913	153100	484	9.68	1.91	8.29	3244	90.5
31.9	48.6	170	91.6	89.0	391	22.0	3.11	1.38	2.88	57.0	9.51
2.99	2.99	2.72	1.85	2.03	2.60	3.06	2.31	1.10	1.15	2.14	0.94
2.12	2.27	2.07	1.68	1.63	2.02	1.60	0.58	0.35	0.61	1.50	0.82
3.02	4.31	16.5	11.0	10.9	38.8	2.76	1.07	0.78	0.95	7.61	2.32

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
42.1	2326	48.2	2.12	1.15	-0.339

09424900 SANTA MARIA RIVER NEAR BAGDAD, AZ

LOCATION.--Lat 34°18'21", long 113°20'47", in SE¼ sec.12, T.11 N., R.11 W., Mohave County, Hydrologic Unit 15030203, on right bank 4.0 mi (6.4 km) east of Palmerita Ranch, 12 mi (19 km) upstream from confluence with Big Sandy River, and 21 mi (34 km) southwest of Bagdad.

DRAINAGE AREA.--1,210 mi² (3,130 km²), approximately.

WATER YEAR	ANNUAL PEAK DISCH.,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1967	13500	12-07-66		5.50	1967	27300
1968	6500	01-28-68		4.42	1968	26600
1969	7220	01-26-69		4.55	1969	31200
1970	1420	03-03-70		3.78	1970	4430
1971	2940	08-25-71		4.06	1971	1830
1972	1350	08-13-72		2.77	1972	530
1973	11000	10-19-72		5.15	1973	150000
1974	600	08-05-74	ES	3.3	1974	405
1975	1890	07-29-75		3.93	1975	670

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
														NUMBER	OF	DAYS	IN	CLASS																		
1967	313									12		8	1	3	2	4	2	4	2		3	2	1	2			1		1	1			1	1	1	1
1968	266						7	4	3	1			3	3		7	5	1	17	3	4	9	6	7	7	2	2	1	2	3	1	1	1	1	1	
1969	277						2	5	9	7				1		2	5	1	6	7	5	4	4	6	3	3	8	2	3	1	1	1	1	2		
1970	348							1							2	1		2	1		1	1	1	1	2	1	1	1	2							
1971	358											1								1		2		1		1			1							
1972	363											1	1																							
1973	119	1			1		1	1	1	3		10	2	11	3	4	11	8	13	13	11	18	18	19	20	9	1	10	8	7	12	9	3	3		
1974	360																1			1	1	1		1												
1975	355										1		1			1	1	1	1	1	1	1		1		1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2759	3287	100.0	12	1.2	8	448	13.6	24	110	32	157	4.7
1	0.01	0	528	16.1	13	1.8	18	440	13.4	25	160	18	125	3.8
2	0.02	1	528	16.1	14	2.6	7	422	12.0	26	230	28	167	3.2
3	0.04	0	527	16.0	15	3.7	19	415	12.6	27	330	14	79	2.4
4	0.06	1	527	16.0	16	5.4	25	396	12.0	28	480	17	65	1.9
5	0.08	0	526	16.0	17	7.9	17	371	11.3	29	700	11	48	1.4
6	0.10	10	526	16.0	18	11.0	40	354	10.8	30	1000	14	37	1.1
7	0.20	11	516	15.7	19	17.0	26	314	9.6	31	1500	12	23	.6
8	0.30	13	505	15.4	20	24.0	26	288	8.8	32	2200	6	11	.3
9	0.40	23	492	15.0	21	35.0	37	262	8.0	33	3100	4	5	.1
10	0.60	1	469	14.3	22	51.0	31	225	6.8	34	4600	1	1	
11	0.80	20	468	14.2	23	74.0	37	194	5.9					

ES Discharge estimated from another site.

BILL WILLIAMS RIVER BASIN

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09424900 SANTA MARIA RIVER NEAR BAGDAD, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1967	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1
1968	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.50 8
1969	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.10 6
1970	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.60 9
1971	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 2
1972	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 3
1973	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	3.50 11	18.00 10
1974	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	0.00 4
1975	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 8	0.25 7

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1967	6000.0 1	3990.0 1	1790.0 2	844.0 2	423.0 2	211.0 4	141.0 4	106.0 4	69.0 4
1968	2250.0 4	1200.0 4	549.0 4	386.0 4	217.0 4	213.0 3	148.0 3	112.0 3	73.0 3
1969	2460.0 3	1780.0 3	1110.0 3	600.0 3	366.0 3	261.0 2	175.0 2	131.0 2	86.0 2
1970	697.0 5	348.0 5	293.0 5	142.0 5	71.0 5	35.0 5	24.0 5	18.0 5	12.0 5
1971	500.0 6	250.0 6	129.0 6	60.0 6	31.0 6	15.0 6	10.0 6	7.7 6	5.0 6
1972	264.0 7	89.0 7	38.0 7	18.0 7	8.9 7	4.4 7	3.0 7	2.2 7	1.5 7
1973	4580.0 2	3060.0 2	1810.0 1	1370.0 1	1110.0 1	739.0 1	525.0 1	444.0 1	406.0 1
1974	100.0 9	49.0 9	29.0 8	14.0 8	6.8 9	3.4 9	2.3 9	1.7 9	1.1 9
1975	192.0 8	67.0 8	29.0 9	13.0 9	6.9 8	3.5 8	2.4 8	1.8 8	1.4 8

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
56.1	18.2	89.5	41.9	84.6	135	10.6	0.68	1.39	0.67	8.24	0.07
28310	2886	21780	4165	21190	115300	919	4.53	19.2	4.50	165	0.03
168	53.7	148	64.5	146	340	30.3	2.13	4.38	2.12	12.9	0.16
3.00	3.00	1.55	1.06	1.51	2.92	2.99	3.16	3.16	3.16	1.57	2.74
3.00	2.95	1.65	1.54	1.72	2.51	2.87	3.15	3.15	3.15	1.56	2.46
12.5	4.08	20.0	9.36	18.9	30.3	2.36	0.15	0.31	0.15	1.84	0.01

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
37.3	4412	66.4	2.60	1.78	-0.260

09425500 SANTA MARIA RIVER NEAR ALAMO, AZ

LOCATION.--Lat 34°18', long 113°31', in NE4SW4 sec.9, T.11 N., R.12 W., on right bank 0.5 mi (0.8 km) upstream from confluence with Big Sandy River and 5.25 mi (8.45 km) upstream from Alamo.

DRAINAGE AREA.--1,520 mi² (3,950 km²), approximately.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT.FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1939	22300	09-06-39					1941	184000
1940	262	09-17-40					1942	7950
1941	20600	03-14-41		NM	3.31	02-03-40	1943	4720
1942	91	01-14-42					1944	53600
1943	544	08-04-43					1945	20200
1944	6000	02-24-44					1946	3450
1945	1530	03-26-45					1947	3090
1946	1170	07-24-46					1948	2340
1947	1610	09-19-47					1949	15000
1948	1520	08-05-48					1950	3880
1949	1100	02-25-49					1951	40600
1950	1570	10-18-49					1952	62400
1951	33600	08-29-51	12.95				1953	3150
1952	8020	12-31-51	7.45				1954	26400
1953	560	08-28-53	5.61				1955	12100
1954	16000	03-23-54	9.15				1956	1730
1955	7180	08-18-55	7.4				1957	4290
1956	107	07-24-56	3.72				1958	18600
1957	2050	08-20-57	6.44				1959	3720
1958	7870	03-22-58	8.43				1960	8410
1959	2940	08-03-59	8.30				1961	2880
1960	3220	12-26-59	8.15				1962	5080
1961	1720	08-30-61	7.00				1963	15900
1962	3800	09-27-62	9.15				1964	16600
1963	4240	08-23-63	9.40				1965	37100
1964	22500	08-02-64	14.0					
1965	4100	04-04-65	8.12					
1966	15900	12-30-65	8.40					

DISCHARGE, IN CUBIC FEET PER SECOND MEAN DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
														NUMBER OF DAYS IN CLASS																						
1941							9		77	30	34	20	6	12	10	5	8	5	18	32	21	24	9	4	8	8	7	4	2	3	4	2	3			
1942							32		56	24	28	38	22	39	42	31	32	19	2																	
1943							84		125	22	46	59	2	5	5	1	4	2	3	3			3	1												
1944									117	62	34	48	29	16	6	8	10	1	3	1	4	1	1	3	1	3	1	4	2		2					
1945							10		98	45	25	65	42	24	7	7	5	8	4	2	3	3	4	5	4	3	1									
1946									89	99	42	51	57	20	2	3				1	1															
1947									157	52	45	47	53	3	5			1																		
1948								63	75	87	98	37	3		1			1	1	1																
1949								1	11	21	37	52	61	58	24	21	22	4	10	8	2	2	5	2	4	8	5	2	3	2						
1950									18	22	64	119	34	78	11	3	9	1	2	2																
1951																																				
1952									45	51	48	76	98	12	11	5	6	3	4	1		2				1							1		1	
1953									16	20	46	35	17	37	36	49	24	20	3	9	5	10	8	9	2	7		1	3	3		5	1			
1954									1	64	78	54	28	107	15	12	1	1	1																	
1955									3	5	23	81	69	62	53	43	4	2	6	4	1	1	1	1	1	1	1	1	1							
									24	6	5	45	85	56	73	23	1	1	2	2	8	1	1	1	1	1	2	3	2	2	1		1			
1956									1	1	42	54	8	74	102	34	40	9	1																	
1957																																				
1958																																				
1959																																				
1960																																				
1961																																				
1962																																				
1963																																				
1964																																				
1965																																				

NM Not maximum gage height for water year.

09425500 SANTA MARIA RIVER NEAR ALAMO, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--Continued

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	9131	100.0	12	6.1	466	1678	18.4	24	380	29	137	1.5
1	0.10	7	9131	100.0	13	8.6	278	1212	13.3	25	530	28	108	1.1
2	0.20	16	9124	99.9	14	12.0	182	934	10.2	26	750	32	80	.8
3	0.30	13	9108	99.7	15	17.0	120	752	8.2	27	1100	17	48	.5
4	0.40	146	9095	99.6	16	24.0	103	632	6.9	28	1500	4	31	.3
5	0.60	170	8949	98.0	17	34.0	71	529	5.8	29	2100	13	27	.2
6	0.80	570	8779	96.1	18	48.0	59	458	5.0	30	3000	7	14	.1
7	1.10	805	8209	89.9	19	68.0	70	399	4.4	31	4200	2	7	
8	1.60	1677	7404	81.1	20	96.0	60	329	3.6	32	5900	4	5	
9	2.20	1470	5727	62.7	21	130.0	61	269	2.9	33	8300	1	1	
10	3.10	1360	4257	46.6	22	190.0	35	208	2.3	34				
11	4.30	1219	2897	31.7	23	270.0	36	173	1.9					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1941	1.00 16	1.00 15	1.30 20	1.60 20	1.80 19	2.70 25	4.40 25	5.80 24	194.00 25
1942	1.00 17	1.00 16	1.00 14	1.00 13	1.00 11	1.50 14	1.80 14	2.20 15	3.40 13
1943	1.00 18	1.00 17	1.00 15	1.00 14	1.00 12	1.10 7	1.30 8	1.70 9	3.40 14
1944	2.00 23	2.00 23	2.00 23	2.00 23	2.00 22	2.00 22	2.00 17	2.20 16	4.90 20
1945	1.00 19	1.00 18	1.40 21	1.60 21	1.80 20	1.90 18	2.70 23	3.20 23	7.00 21
1946	2.00 24	2.00 24	2.00 24	2.00 24	2.10 24	2.60 24	2.90 24	3.00 22	3.40 15
1947	2.00 25	2.00 25	2.00 25	2.00 25	2.00 23	2.00 19	2.30 19	2.50 18	3.00 10
1948	1.19 20	1.19 21	1.19 19	1.30 19	1.30 16	1.70 15	2.00 18	2.40 17	3.10 11
1949	0.30 4	0.37 4	0.39 4	0.47 6	0.77 8	1.10 8	1.10 6	1.19 3	2.50 7
1950	0.80 11	0.87 12	1.00 16	1.00 15	1.80 21	2.00 20	2.40 20	2.80 20	3.40 16
1951	0.90 14	0.90 13	0.91 11	0.94 11	0.99 10	1.19 10	1.60 12	2.00 10	2.50 8
1952	0.80 12	0.83 11	0.91 12	1.19 17	1.40 17	1.70 16	1.90 15	11.00 25	18.00 24
1953	1.00 15	1.10 19	1.10 17	1.10 16	1.19 15	2.00 21	2.50 21	2.80 21	3.60 17
1954	0.50 9	0.53 9	0.66 10	0.74 10	1.10 13	1.30 11	1.40 9	1.50 7	2.50 9
1955	0.40 7	0.40 5	0.41 6	0.46 5	0.53 2	1.10 9	1.40 10	2.10 14	2.30 5
1956	0.30 5	0.43 7	0.53 8	0.60 8	0.66 7	0.74 2	0.84 2	0.93 1	1.40 1
1957	0.60 10	0.60 10	0.61 9	0.68 9	0.81 9	1.40 12	1.80 13	2.00 11	4.50 18
1958	0.20 2	0.20 2	0.26 2	0.42 4	0.61 6	0.78 3	1.30 7	1.50 8	12.00 22
1959	0.40 8	0.47 8	0.49 7	0.51 7	0.59 5	0.80 4	0.97 3	1.40 4	4.60 19
1960	0.30 6	0.40 6	0.40 5	0.40 3	0.53 3	0.63 1	0.77 1	0.93 2	1.80 2
1961	0.20 3	0.20 3	0.29 3	0.34 2	0.43 1	0.85 5	1.10 4	1.40 5	2.30 3
1962	0.10 1	0.10 1	0.10 1	0.15 1	0.59 4	0.92 6	1.10 5	1.40 6	2.30 4
1963	0.90 13	0.90 14	0.93 13	1.00 12	1.19 14	1.40 13	1.50 11	2.00 12	2.50 6
1964	1.70 22	1.70 22	1.80 22	1.80 22	2.20 25	2.30 23	2.50 22	2.70 19	3.30 12
1965	1.19 21	1.19 20	1.19 18	1.30 18	1.50 18	1.80 17	1.90 16	2.00 13	14.00 23

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1941	8290.0 2	5820.0 2	3220.0 1	1960.0 1	1390.0 1	1120.0 1	799.0 1	676.0 1	499.0 1
1942	63.0 24	53.0 22	47.0 18	41.0 17	35.0 15	30.0 15	26.0 14	23.0 14	19.0 14
1943	255.0 16	194.0 15	112.0 15	59.0 15	32.0 16	22.0 16	16.0 16	13.0 16	9.4 16
1944	2670.0 7	2120.0 5	1470.0 5	1100.0 4	831.0 2	427.0 2	288.0 3	217.0 3	144.0 3
1945	825.0 13	685.0 10	485.0 9	342.0 9	273.0 7	146.0 7	100.0 7	77.0 7	53.0 7
1946	71.0 23	35.0 24	21.0 23	16.0 22	12.0 21	9.9 20	8.8 20	8.1 19	6.7 20
1947	88.0 22	39.0 23	21.0 24	14.0 23	10.0 22	8.6 21	7.6 21	6.8 21	5.6 21
1948	129.0 19	56.0 21	26.0 22	13.0 24	7.9 24	4.7 24	4.2 25	4.0 24	3.9 24
1949	556.0 14	534.0 12	415.0 11	285.0 11	172.0 11	112.0 11	78.0 10	60.0 10	40.0 11
1950	278.0 15	192.0 16	91.0 16	46.0 16	24.0 18	13.0 18	9.9 18	8.7 18	7.4 18
1951	15500.0 1	6370.0 1	2750.0 2	1290.0 2	649.0 3	329.0 4	219.0 4	165.0 4	109.0 4
1952	3410.0 4	2220.0 4	1610.0 4	1100.0 3	625.0 4	336.0 3	291.0 2	229.0 2	163.0 2
1953	124.0 20	75.0 18	36.0 19	18.0 21	9.7 23	7.1 23	6.2 22	6.1 22	5.2 22
1954	7570.0 3	3460.0 3	1730.0 3	821.0 6	413.0 6	210.0 6	142.0 6	107.0 6	71.0 6
1955	1480.0 9	738.0 9	379.0 12	264.0 12	142.0 12	91.0 12	61.0 12	46.0 12	31.0 12
1956	9.1 25	8.3 25	7.7 25	6.8 25	5.8 25	4.5 25	4.5 24	4.0 25	3.5 25
1957	192.0 17	125.0 17	59.0 17	33.0 18	30.0 17	18.0 17	13.0 17	11.0 17	7.8 17
1958	1770.0 8	987.0 8	504.0 8	295.0 10	189.0 10	115.0 10	86.0 8	65.0 8	48.0 8
1959	181.0 18	65.0 19	34.0 20	30.0 19	21.0 19	12.0 19	9.4 19	7.9 20	6.8 19
1960	1290.0 11	454.0 14	203.0 14	100.0 14	63.0 14	41.0 13	42.0 13	33.0 13	22.0 13
1961	113.0 21	65.0 20	30.0 21	22.0 20	14.0 20	8.2 22	5.8 23	4.6 23	3.9 23
1962	954.0 12	494.0 13	215.0 13	128.0 13	65.0 13	33.0 14	22.0 15	17.0 15	12.0 15
1963	1300.0 10	620.0 11	470.0 10	363.0 8	195.0 8	116.0 9	78.0 11	59.0 11	40.0 9
1964	3110.0 5	1280.0 7	580.0 7	364.0 7	192.0 9	118.0 8	79.0 9	60.0 9	40.0 10
1965	2740.0 6	1720.0 6	1360.0 6	997.0 5	526.0 5	278.0 5	199.0 5	150.0 5	100.0 5

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
6.26	12.6	52.6	23.1	46.3	120	61.5	4.68	3.31	3.31	47.7	18.3
82.3	2003	31420	1717	9379	62840	36810	48.4	50.6	49.9	16660	2632
9.07	44.8	177	41.4	96.8	251	192	6.96	7.11	7.07	129	51.3
2.13	5.06	4.66	2.49	3.07	2.73	3.80	3.61	5.03	4.87	3.93	4.36
1.45	3.55	3.37	1.79	2.09	2.09	3.12	1.49	2.15	2.14	2.70	2.80
1.57	3.16	13.2	5.79	11.6	30.0	15.4	1.17	0.83	0.83	11.9	4.98

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
30.9	2694	51.9	3.65	1.68	-0.042

BILL WILLIAMS RIVER BASIN

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09426000 BILL WILLIAMS RIVER BELOW ALAMO DAM, AZ

LOCATION.--Lat 34°13'51", long 113°36'29", in SE¼SE¼ sec.4, T.10 N., R.13 W., Yuma County, Hydrologic Unit 15030204, on left bank 0.6 mi (1.0 km) downstream from Alamo Dam, 3.7 mi (6.0 km) downstream from Bullard Wash, and 8 mi (13 km) downstream from confluence of Santa Maria and Big Sandy Rivers.

DRAINAGE AREA.--4,730 mi² (12,250 km²), approximately, of which 400 mi² (1,040 km²) is below confluence of Santa Maria and Big Sandy Rivers.

REMARKS.--Records good above 100 cfs and fair below. Diversions above station for irrigation of about 9,100 acres (36.8 km²), mostly by pumping from ground water. Flow regulated by Alamo Lake, beginning Mar. 28, 1969. Temporary storage and slight regulation of releases through uncontrolled rectangular conduit through Alamo Dam June 23, 1968, to Mar. 27, 1969. Alamo Lake is formed by an earthfill and rockfill dam, completed in 1968. Total capacity of lake is 1,043,000 acre-ft (1,290 hm³).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK, FT	CODE	ANNUAL MAX GAGE HT. FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1891	200000	02-21-91	HP	1861					1941	528000
1916	175000	01-19-16	ES						1942	28400
1927	125000	02-16-27	ES						1943	20400
1929	35000	09-04-29	ES						1944	137000
1930	90000	09-08-30	ES						1945	72800
1931	100000	08-05-31	ES						1946	11000
1932	60000	02-09-32	ES						1947	21400
1933	150	03-04-33	ES						1948	7690
1934	2000	08-29-34	ES						1949	57800
1935	20000	02-07-35	ES						1950	8330
1936	4000	08-09-36	ES						1951	67800
1937	105000	02-07-37			46.				1952	185000
1938	70000	03-04-38	ES						1953	7480
1939	86000	09-06-39			39.6				1954	63500
1940	2700	02-03-40			6.75				1955	34800
1941	46000	03-14-41			23.0				1956	7330
1942	407	01-14-42			6.28				1957	11300
1943	2480	03-05-43			7.20				1958	65200
1944	11000	02-24-44			10.65				1959	15300
1945	7380	03-16-45			9.25				1960	26100
1946	972	07-25-46			6.28	NM	6.75	12-24-45	1961	6620
1947	7230	12-28-46			9.22				1962	18400
1948	2070	08-05-48			7.00				1963	30900
1949	2900	02-25-49			7.35				1964	35000
1950	1850	09-06-50			6.80				1965	119000
1951	65100	08-29-51			30.8				1966	185000
1952	37600	12-31-51			19.65				1967	66800
1953	193	08-28-53			5.35				1968	64300
1954	34700	03-23-54			18.5				1969	38300
1955	4610	08-23-55			6.6				1970	21300
1956	162	07-24-56			3.30				1971	13400
1957	12100	08-20-57			10.40				1972	4760
1958	13000	03-22-58			10.00				1973	162000
1959	2900	08-18-59			4.99				1974	2670
1960	3420	12-26-59			5.30				1975	1490
1961	1630	09-13-61			4.10					
1962	8400	02-13-62			7.7					
1963	10300	08-22-63			9.30					
1964	25600	08-02-64			17.1					
1965	12300	04-10-65			10.6					
1966	41900	12-10-65			22.5					
1967	38900	12-07-66			23.60					
1968	16000	01-28-68	ES							

HP Isolated historic peak; not part of systematic record.
 ES Discharge estimated from another site.
 NM Not maximum gage height for water year.

09426000 BILL WILLIAMS RIVER BELOW ALAMO DAM, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1941												44	56	12	35	22	20	13	7	20	9	24	17	21	17	14	4	12	7	4	1	2	3	1	
1942											1	79	50	21	18	16	69	32	45	15	9	8	2												
1943											14	78	155	16	10	34	17	17	5	6	5	3	1	2	1	1									
1944												91	68	48	19	57	22	5	16	4	3	3	3	1	1	6	8	5	6						
1945												129	43	95	35	12	3	8	3	4	3	5	3	2	6	9	2	2	1						
1946											1	73	94	63	61	45	11	6	5	3	2		1												
1947												127	86	71	41	26	6	2	2			2				1									
1948												34	116	173	34	2	5		1				1												
1949												63	88	86	29	15	11	13	15	8	5	6	7	4	7	6	2								
1950												36	111	192	10	6	2	1	4	1		1	1												
1951												67	106	154	5	7	9	4	3	4		2	1		1						1			1	
1952												24	64	47	35	38	25	17	16	18	35	7	8	4	6	5	3	4	8	1			1		
1953												48	107	103	102	1	2		1	1															
1954												27	146	122	33	14	3	3	3	3	2	2			1		3		1	1	1				
1955											18	47	98	159	4	5	3	1	6	6	2	4	1	5	2	1	1	2							
1956											1	72	89	120	69	14		1																	
1957												19	146	130	42	10	2	4	3	3	4	1		1											
1958												10	53	35	89	56	41	19	8	6	13	5	5	3	2	4	3	2	1						
1959											2	42	34	59	49	129	18	4	7	9	6	2	2		1										
1960												58	104	33	56	23	18	13	18	15	7	4	9	5		1	2								
1961												54	91	77	134	2	2			2			3												
1962												140	98	32	31	21	27	3	4	3		2	1	2				1							
1963												45	28	62	87	111	5	4	6	1	4	3	1	2	1	2									
1964												15	29	22	59	115	80	11	10	4	6	1	5	4	1	1	2								
1965												60	53	83	80	18	14	15	3	6	2	5	3	4	4	4	3	2	3	3					
1966												15	80	97	9	9	11	11	15	43	30	9	3	8	8	4	1	2	2	3	2	1	1	1	
1967												18	109	44	45	98	13	17	6	4	1	1	2	2		2									
1968			16								1	2	29	128	69	18	11	13	21	8	19	4	8	4	3	2	5	2	2		1				
1969		111				1		13	3	4	9	22	90	42	4	21	2	7	10	5	5	7	3	1	1	1	1	1	2						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	111	10592	100.0	12	5.7	2527	8532	80.6	24	660	59	258	2.4
1	0.04	16	10481	99.0	13	8.5	2380	6005	56.7	25	980	65	199	1.8
2	0.07	0	10465	98.8	14	13.0	1235	3625	34.2	26	1500	36	134	1.2
3	0.10	0	10465	98.8	15	19.0	683	2390	22.6	27	2200	34	98	.9
4	0.20	0	10465	98.8	16	28.0	361	1707	16.1	28	3200	36	64	.6
5	0.40	1	10465	98.8	17	41.0	258	1346	12.7	29	4800	14	28	.2
6	0.50	0	10464	98.8	18	61.0	246	1088	10.3	30	7100	3	14	.1
7	0.80	14	10464	98.8	19	91.0	201	842	7.9	31	11000	5	11	.1
8	1.20	4	10450	98.7	20	140.0	115	641	6.1	32	16000	4	6	
9	1.70	10	10446	98.6	21	200.0	119	526	5.0	33	23000	2	2	
10	2.60	285	10436	98.5	22	300.0	83	407	3.8	34				
11	3.80	1619	10151	95.8	23	450.0	66	324	3.1					

BILL WILLIAMS RIVER BASIN

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09426000 BILL WILLIAMS RIVER BELOW ALAMO DAM, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1941	4.00 23	4.00 22	4.30 26	4.60 27	5.50 32	11.00 36	27.00 36	50.00 36	432.00 36
1942	3.00 16	3.70 19	4.00 22	4.10 21	4.30 20	4.70 19	5.20 17	5.70 13	9.80 17
1943	3.00 17	3.00 16	3.30 18	3.70 17	3.90 16	5.00 23	5.00 15	8.10 27	14.00 27
1944	4.00 24	4.00 23	4.00 19	4.00 18	4.00 18	4.00 13	4.40 12	4.90 11	14.00 28
1945	4.00 25	4.00 24	4.00 20	4.20 22	4.60 22	4.90 20	5.80 21	7.20 23	19.00 30
1946	3.00 18	4.00 25	4.00 21	4.00 19	4.70 25	5.50 25	6.40 25	10.00 33	13.00 24
1947	6.00 36	6.00 36	6.00 36	6.50 36	7.10 36	7.40 35	7.60 33	8.20 29	11.00 19
1948	5.10 34	5.10 34	5.20 34	5.20 32	5.30 30	6.40 32	7.30 32	8.10 28	9.60 16
1949	4.50 29	4.80 30	4.80 29	5.00 30	5.10 26	5.50 26	5.90 23	6.20 16	12.00 21
1950	4.80 30	4.90 32	5.00 32	5.20 31	5.40 31	6.40 33	7.00 29	7.80 25	8.90 15
1951	4.40 27	4.40 27	4.40 27	4.50 25	4.60 23	5.00 21	5.80 22	6.70 21	7.60 9
1952	4.80 31	4.80 31	4.90 30	5.30 33	6.00 34	6.30 30	6.60 26	15.00 35	48.00 31
1953	4.50 28	4.50 28	4.60 28	4.80 28	5.10 27	6.10 29	6.60 27	7.20 24	8.70 14
1954	4.80 32	4.80 29	4.90 31	4.90 29	5.10 28	5.90 27	7.00 30	8.90 31	14.00 25
1955	2.90 14	2.90 14	3.00 13	3.20 13	3.60 14	4.50 16	5.50 20	6.40 17	7.80 10
1956	3.60 21	3.80 20	4.20 24	4.50 26	5.10 29	5.40 24	6.30 24	6.40 18	7.30 8
1957	4.80 33	5.00 33	5.10 33	5.50 35	6.00 35	6.60 34	7.00 31	8.00 26	13.00 22
1958	1.10 10	1.40 10	2.80 10	4.00 20	4.10 19	6.00 28	8.10 35	8.50 30	52.00 32
1959	2.00 11	2.40 11	3.20 15	3.20 14	3.30 12	4.10 14	5.30 18	6.70 22	18.00 29
1960	3.20 19	3.20 17	3.20 16	3.30 15	3.40 13	3.60 11	3.60 9	3.80 7	5.70 6
1961	3.00 15	3.00 15	3.00 14	3.00 11	3.00 10	3.30 9	3.70 10	4.20 8	5.90 7
1962	4.20 26	4.20 26	4.20 25	4.30 24	4.40 21	4.50 17	4.60 13	5.00 12	8.40 12
1963	2.80 13	2.80 12	2.80 11	2.90 10	3.20 11	3.60 10	4.40 11	5.80 14	8.40 13
1964	2.60 12	2.80 13	2.90 12	3.20 12	3.90 17	4.70 18	6.60 28	10.00 34	13.00 23
1965	4.00 22	4.00 21	4.10 23	4.20 23	4.70 24	5.00 22	5.40 19	6.00 15	52.00 33
1966	3.20 20	3.30 18	3.30 17	3.30 16	3.70 15	4.10 15	4.60 14	6.60 20	11.00 20
1967	5.20 35	5.20 35	5.30 35	5.40 34	5.60 33	6.40 31	7.70 34	9.10 32	14.00 26
1968	0.05 8	0.05 8	0.05 8	0.05 8	2.50 9	3.80 12	5.10 16	6.50 19	7.80 11
1969	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.07 1	2.00 3
1970	0.00 2	0.00 2	0.00 2	0.00 2	1.10 8	1.30 8	2.70 8	4.30 10	10.00 18
1971	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	0.00 2	0.34 4	0.90 4	3.40 5
1972	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3	0.00 3	0.08 3	1.10 5	2.90 4
1973	0.10 9	0.10 9	0.10 9	0.10 9	0.21 7	0.77 7	1.90 7	4.20 9	66.00 34
1974	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.00 4	0.00 2	0.47 3	1.40 1
1975	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.28 6	0.37 5	0.41 2	1.60 2

BILL WILLIAMS RIVER BASIN

09426000 BILL WILLIAMS RIVER BELOW ALAMO DAM, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1941	25200.0 1	15200.0 1	7700.0 1	5660.0 1	4180.0 1	3180.0 1	2330.0 1	2040.0 1	1380.0 1
1942	340.0 25	301.0 22	246.0 22	222.0 21	171.0 18	125.0 18	104.0 18	89.0 18	70.0 17
1943	1370.0 19	953.0 19	545.0 18	294.0 18	167.0 19	112.0 20	86.0 19	67.0 19	46.0 20
1944	4690.0 9	3890.0 8	3260.0 8	2760.0 4	2090.0 3	1090.0 3	737.0 4	558.0 4	371.0 4
1945	3660.0 15	2570.0 10	1810.0 9	1410.0 9	1080.0 6	567.0 6	383.0 6	290.0 6	194.0 6
1946	346.0 24	162.0 25	95.0 24	60.0 24	41.0 24	30.0 23	26.0 23	27.0 22	21.0 23
1947	3720.0 14	1720.0 17	781.0 17	385.0 17	209.0 17	116.0 19	83.0 20	66.0 20	47.0 19
1948	367.0 23	160.0 26	86.0 25	45.0 26	28.0 26	17.0 27	14.0 29	13.0 27	12.0 28
1949	2090.0 18	1780.0 16	1420.0 12	1070.0 10	698.0 10	404.0 11	296.0 12	227.0 12	152.0 12
1950	300.0 26	142.0 27	72.0 27	41.0 27	25.0 27	17.0 28	15.0 26	13.0 28	13.0 25
1951	23400.0 2	9810.0 2	4330.0 2	2060.0 6	1040.0 7	529.0 7	355.0 7	267.0 7	178.0 7
1952	11800.0 5	4630.0 7	3420.0 7	2680.0 5	1620.0 5	888.0 5	496.0 3	721.0 3	493.0 3
1953	121.0 28	75.0 28	37.0 28	21.0 28	16.0 29	15.0 29	15.0 27	14.0 26	13.0 26
1954	10800.0 6	6400.0 5	3890.0 5	1890.0 7	958.0 8	485.0 8	328.0 9	249.0 9	166.0 10
1955	2340.0 17	2150.0 14	1250.0 13	758.0 13	436.0 13	252.0 14	170.0 14	129.0 14	87.0 14
1956	41.0 29	23.0 29	22.0 29	20.0 29	19.0 28	18.0 26	16.0 25	15.0 25	13.0 27
1957	629.0 22	298.0 23	145.0 23	94.0 23	51.0 23	30.0 24	24.0 24	21.0 24	19.0 24
1958	4390.0 11	2380.0 11	1600.0 10	919.0 11	698.0 11	395.0 12	306.0 11	233.0 11	167.0 9
1959	1050.0 21	558.0 21	278.0 21	155.0 22	89.0 22	47.0 22	33.0 22	26.0 23	27.0 22
1960	1130.0 20	846.0 20	506.0 20	281.0 19	167.0 20	152.0 17	125.0 17	98.0 17	68.0 18
1961	252.0 27	164.0 24	76.0 26	57.0 25	36.0 25	20.0 25	14.0 28	12.0 29	10.0 29
1962	3070.0 16	1160.0 18	514.0 19	254.0 20	154.0 21	90.0 21	64.0 21	50.0 21	36.0 21
1963	3970.0 13	2010.0 15	984.0 16	590.0 16	378.0 15	212.0 15	142.0 15	108.0 15	74.0 15
1964	4340.0 12	2180.0 13	1120.0 15	688.0 14	367.0 16	203.0 16	137.0 16	104.0 16	74.0 16
1965	7000.0 7	5000.0 6	3930.0 4	3130.0 2	1640.0 4	914.0 4	638.0 5	483.0 5	322.0 5
1966	16100.0 3	8400.0 3	3990.0 3	3060.0 3	2190.0 2	1420.0 2	976.0 2	751.0 2	501.0 2
1967	13300.0 4	7710.0 4	3610.0 6	1730.0 8	889.0 9	456.0 10	311.0 10	239.0 10	161.0 11
1968	6000.0 8	3170.0 9	1530.0 11	793.0 12	571.0 12	459.0 9	333.0 8	254.0 8	169.0 8
1969	4410.0 10	2280.0 12	1190.0 14	617.0 15	396.0 14	296.0 13	203.0 13	155.0 13	104.0 13

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
12.1	33.3	166	101	140	337	159	11.6	7.22	9.08	85.8	26.9
106	11100	166400	33860	66750	492500	230800	155	58.0	141	38900	2444
10.3	105	408	184	258	702	480	12.4	7.61	11.9	197	49.4
2.04	5.25	3.56	2.60	3.38	3.06	3.71	3.36	4.93	3.79	3.54	3.39
0.85	3.16	2.45	1.83	1.85	2.08	3.02	1.08	1.05	1.31	2.30	1.84
1.11	3.06	15.3	9.24	12.8	31.0	14.6	1.06	0.66	0.83	7.87	2.47

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
92.4	19640	140	3.65	1.52	0.010

BILL WILLIAMS RIVER BASIN

123

09426500 BILL WILLIAMS RIVER AT PLANET, AZ

LOCATION.--Lat 34°15'23", long 113°58'41", in NE¼ sec.36, T.11 N., R.17 W., Yuma County, 1 mi (1.6 km) west of Planet and 6 mi (9.7 km) upstream from water line of Havasu Lake at elevation 450 ft (137 m) above mean sea level.

DRAINAGE AREA.--5,140 mi² (13,300 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1891	200000	02-21-91	HP		1915	116000
1916	175000	01-19-16	HP		1929	31200
1927	125000	02-16-27	HP		1930	33000
1929	25000	09-04-29		8.2	1931	109000
1930	64000	09-08-30		11.15	1932	320000
1931	80000	08-05-31		12.3	1933	13300
1932	51000	02-09-32		9.2	1934	11700
1933	107	03-04-33		4.91	1935	110000
1934	1470	08-29-34		6.51	1936	21800
1935	15900	02-07-35		8.92	1937	253000
1936	2900	08-09-36		6.61	1938	113000
1937	92500	02-07-37		13.1	1939	229000
1938	61000	03-04-38		10.7	1940	30800
1939	73000	09-07-39		11.7	1941	437000
1940	2600	02-03-40		5.13	1942	26800
1941	42600	03-02-41		9.15	1943	14300
1942	300	01-15-42		5.30	1944	114000
1943	1580	03-05-43		5.67	1945	60100
1944	10800	02-24-44		7.19	1946	12300
1945	4520	03-16-45		6.08		
1946	328	07-22-46		4.75		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1929			1	88218	29	5	4	5	2	4	1	1	1	1	1	1	1				1	1	1												
1930			43143137	24	2	2	1				2	1		3		1	1			3	1							1							
1931			10129121	29	8	9	7	4	10	4	3	4	1	4	6	2	2	2	1	2	3		1	1	1	1	1	1	1	1	1				
1932			10 49145	53	12	11	4	6	7	2	3	10	10	8	2	5	2	2	2	2	2	2	2	1	3	11	1	1	1	1	1	1	1	1	1
1933			34133112	74	7	1	3	1																											
1934			41138173	2	1	1	2				2	2	2	1																					
1935			25 64	11	96	81	8	6	11	4	3	7	3	6	5	3	6	5	2	6	4	2	1	2	1		1	1	1						
1936			42 99190	7	4	5	4	1	1	4	1	1	1	1	1	1	1	1	1	2															
1937			4 79109	65	17	5	10	10	9	8	3	6	13	3	3	2	2	2	2	3	1	2	2	1	3										
1938			88213	34	7	2	2	3	1		3	1	1	1	2	2			2	1	2														
1939			33212	70	8	4	2	2	3	1	3	3	3	2	2	1	1	2	1	2	1	2			1		2	2							
1940			2 93152	58	24	17			5	5	1	1	2	1		1	1		1			1	1												
1941			36102	55	10	3	4	3	12	6	9	17	17	9	17	15	9	5	3	8	3	3	3	5	2	4	1								
1942			36103107	19	30	22	13	10	7	11	4	3																							
1943			165182	12	2	1	1		1											1															
1944			99117	68	26	10	4	2	2	5	2	2	1	1	1	1	1	1	1	4	6	5	3	5											
1945			18204	82	20	4	3	1	4	1	1	2	3	3	3	1	2	5	2	1	2	3													
1946			67120157	10	3	1	3	3	1																										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6574	100.0	12	130.0	46	501	7.6	24	2600	16	75	1.1
1	8.00	66	6574	100.0	13	160.0	64	455	6.9	25	3300	21	59	.8
2	10.00	446	6508	99.0	14	210.0	61	391	5.9	26	4200	10	38	.5
3	13.00	1680	6062	92.2	15	270.0	36	330	5.0	27	5400	6	28	.4
4	17.00	2371	4382	66.7	16	340.0	46	294	4.5	28	7000	3	22	.3
5	22.00	891	2011	30.6	17	440.0	34	248	3.8	29	9000	3	19	.2
6	28.00	210	1120	17.0	18	570.0	22	214	3.3	30	12000	4	16	.2
7	36.00	120	910	13.8	19	730.0	31	192	2.9	31	15000	4	12	.1
8	46.00	105	790	12.0	20	940.0	24	161	2.4	32	19000	5	8	.1
9	60.00	61	685	10.4	21	1200.0	29	137	2.1	33	25000	2	3	
10	76.00	74	624	9.5	22	1600.0	17	108	1.6	34	32000	1	1	
11	98.00	49	550	8.4	23	2000.0	16	91	1.4					

HP Isolated historic peak; not part of systematic record.

BILL WILLIAMS RIVER BASIN

09426500 BILL WILLIAMS RIVER AT PLANET, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1915	14.00 17	14.00 17	14.00 16	15.00 16	18.00 18	24.00 19	25.00 19	27.00 18	58.00 17
1929	12.00 11	13.00 11	13.00 10	14.00 13	15.00 10	16.00 12	16.00 8	17.00 9	18.00 8
1930	10.00 5	10.00 5	11.00 4	11.00 4	13.00 6	14.00 7	16.00 9	15.00 6	34.00 16
1931	10.00 6	10.00 6	12.00 5	13.00 8	15.00 11	16.00 13	18.00 15	18.00 12	76.00 18
1932	10.00 7	10.00 7	12.00 6	14.00 9	16.00 16	17.00 14	17.00 11	18.00 13	19.00 9
1933	11.00 8	11.00 8	12.00 7	12.00 5	13.00 7	13.00 6	13.00 5	14.00 5	15.00 5
1934	8.00 1	8.00 1	8.40 1	8.80 1	9.40 2	10.00 2	10.00 1	11.00 1	11.00 1
1935	8.00 2	8.30 2	8.70 2	8.90 2	9.20 1	9.70 1	18.00 12	22.00 17	29.00 15
1936	10.00 3	10.00 3	11.00 3	11.00 3	12.00 3	12.00 3	13.00 2	13.00 2	15.00 2
1937	10.00 4	10.00 4	13.00 11	14.00 10	15.00 12	15.00 8	18.00 13	21.00 15	28.00 14
1938	13.00 12	14.00 12	14.00 12	15.00 14	15.00 13	15.00 9	16.00 10	17.00 10	17.00 7
1939	11.00 9	11.00 9	12.00 8	12.00 6	12.00 4	13.00 4	13.00 3	14.00 3	15.00 3
1940	15.00 18	17.00 19	17.00 19	18.00 19	19.00 19	20.00 18	20.00 16	21.00 16	23.00 11
1941	13.00 13	14.00 13	15.00 17	16.00 17	16.00 17	19.00 17	24.00 18	34.00 19	357.00 19
1942	14.00 14	14.00 14	14.00 13	15.00 15	15.00 14	17.00 15	18.00 14	18.00 11	20.00 10
1943	14.00 15	14.00 15	14.00 14	14.00 11	14.00 8	15.00 10	15.00 6	16.00 7	16.00 6
1944	14.00 16	14.00 16	14.00 15	14.00 12	15.00 9	15.00 11	16.00 7	16.00 8	25.00 12
1945	15.00 19	15.00 18	15.00 18	16.00 18	16.00 15	19.00 16	20.00 17	20.00 14	28.00 13
1946	11.00 10	11.00 10	12.00 9	12.00 7	12.00 5	13.00 5	13.00 4	14.00 4	15.00 4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1929	3570.0 10	2060.0 10	1130.0 10	558.0 10	305.0 10	169.0 10	118.0 10	93.0 10	67.0 11
1930	5530.0 8	2220.0 9	962.0 11	457.0 11	239.0 11	135.0 11	95.0 11	76.0 12	73.0 10
1931	12400.0 6	6930.0 6	3200.0 7	2040.0 6	1170.0 8	638.0 8	431.0 8	328.0 8	238.0 8
1932	30800.0 3	20800.0 2	11100.0 1	7600.0 1	4760.0 1	2450.0 2	1710.0 2	1300.0 2	862.0 2
1933	68.0 18	57.0 18	41.0 18	32.0 18	26.0 18	24.0 17	23.0 17	22.0 17	22.0 16
1934	365.0 15	269.0 15	147.0 16	92.0 15	63.0 15	37.0 15	28.0 16	23.0 16	20.0 17
1935	7120.0 7	5990.0 7	3590.0 6	2000.0 8	1240.0 7	747.0 7	539.0 7	414.0 7	279.0 7
1936	1120.0 13	671.0 13	348.0 13	318.0 13	176.0 13	100.0 14	71.0 14	56.0 14	42.0 14
1937	44700.0 1	23100.0 1	10500.0 2	6850.0 2	3540.0 4	2000.0 3	1350.0 3	1020.0 3	677.0 3
1938	24100.0 4	14400.0 4	6840.0 4	3340.0 5	1690.0 5	855.0 6	576.0 6	437.0 6	294.0 6
1939	31500.0 2	19000.0 3	9400.0 3	6340.0 3	3660.0 3	1840.0 4	1230.0 4	925.0 4	611.0 4
1940	1630.0 12	1260.0 12	737.0 12	384.0 12	214.0 12	126.0 12	94.0 12	78.0 11	62.0 12
1941	20500.0 5	13600.0 5	6590.0 5	5120.0 4	3670.0 2	2750.0 1	1970.0 1	1710.0 1	1150.0 1
1942	223.0 16	216.0 16	193.0 14	169.0 14	141.0 14	103.0 13	83.0 13	71.0 13	55.0 13
1943	761.0 14	313.0 14	150.0 15	80.0 16	49.0 16	34.0 16	29.0 15	26.0 15	23.0 15
1944	4500.0 9	2900.0 8	2300.0 8	2030.0 7	1660.0 6	859.0 5	582.0 5	442.0 5	297.0 5
1945	2540.0 11	1880.0 11	1300.0 9	1090.0 9	763.0 9	399.0 9	274.0 9	211.0 9	146.0 9
1946	95.0 17	67.0 17	47.0 17	34.0 17	27.0 17	23.0 18	21.0 18	21.0 18	20.0 18

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
20.4	18.8	70.5	61.3	665	443	126	23.0	17.1	20.9	89.0	266
67.2	12.4	23910	11020	1828000	557200	181300	350	12.9	232	57450	723100
8.20	3.52	155	105	1352	746	426	18.7	3.59	15.2	240	850
1.97	-0.77	3.69	3.25	2.45	2.26	4.24	3.82	-0.05	3.85	4.17	4.17
0.40	0.19	2.19	1.71	2.03	1.68	3.37	0.81	0.21	0.73	2.69	3.20
1.12	1.03	3.87	3.36	36.5	24.3	6.94	1.26	0.94	1.15	4.88	14.6

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
149	29000	170	1.55	1.14	-0.268

GILA RIVER BASIN

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09432000 GILA RIVER BELOW BLUE CREEK, NEAR VIRDEN, NM

LOCATION.--Lat 32°38'53", long 108°50'43", in SE¼SW¼ sec.18, T.19 S., R.19 W., Grant County, Hydrologic Unit 15040002, on left bank at head of canyon, 1.4 mi (2.3 km) downstream from Blue Creek, 10 mi (16 km) east of Virden, and 16 mi (26 km) upstream from New Mexico-Arizona State line.

DRAINAGE AREA.--3,203 mi² (8,296 km²), excluding Animas River basin.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1927	1800	07-04-27			1929	100200
1928	1630	07-26-28			1930	130100
1929	5700	07-30-29			1931	154400
1930	7400	08-11-30			1932	187900
1931	8000	08-03-31		13.6	1933	117900
1932	6800	07-30-32		12.35	1934	77440
1933	5650	09-08-33		11.1	1935	95060
1934	8920	08-26-34		13.50	1936	91300
1935	8600	09-27-35		13.3	1937	207700
1936	3600	06-11-36		9.25	1938	87670
1937	9070	02-17-37		14.65	1939	74530
1938	6400	08-31-38		12.28	1940	136100
1939	1630	09-16-39		7.71	1941	409900
1940	11000	09-06-40		15.88	1942	163900
1941	41700	09-29-41	1891	25.76	1943	73190
1942	3140	09-13-42		8.18	1944	73690
1943	1600	09-27-43		6.87	1945	113900
1944	4010	08-19-44		9.03	1946	52290
1945	5370	08-11-45		10.0	1947	52790
1946	10600	10-08-45		13.07	1948	66560
1947	3400	08-22-47		8.46	1949	318000
1948	2240	08-12-48		8.10	1950	52210
1949	15600	01-14-49		17.43	1951	31870
1950	2190	09-24-50		8.05	1952	140800
1951	440	08-28-51		4.40	1953	51090
1952	6100	01-19-52		12.06	1954	82300
1953	3330	08-21-53		9.55	1955	67450
1954	6670	08-21-54		14.0	1956	31280
1955	5280	07-28-55		12.9	1957	107000
1956	2660	08-13-56		9.42	1958	203000
1957	6710	08-05-57		14.38	1959	79230
1958	4550	03-23-58		12.45	1960	140600
1959	16400	08-13-59		18.2	1961	53130
1960	5220	01-12-60		12.40	1962	216700
1961	1920	08-15-61		8.19	1963	143300
1962	3920	09-26-62		11.20	1964	67430
1963	7320	08-31-63		14.46	1965	96290
1964	4480	07-25-64		11.90	1966	277500
1965	2540	07-24-65		9.22	1967	100800
1966	10900	12-23-65		17.30	1968	326400
1967	11500	08-12-67		17.7	1969	63820
1968	2920	02-15-68		10.50	1970	53520
1969	1790	09-02-69		8.78	1971	43040
1970	1130	09-19-70		7.45	1972	157100
1971	3730	09-18-71		11.48	1973	463700
1972	5700	10-26-71		13.12	1974	46240
1973	27200	10-20-72		21.90	1975	221000
1974	7560	08-04-74		14.10	1976	97510
1975	7720	09-08-75		12.30		

09432000 GILA RIVER BELOW BLUE CREEK, NEAR VIRDEN, NM--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN[illegible]

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	17166	100.0	12	35.0	970	14057	81.9	24	930	153	491	2.8
1	1.60	37	17166	100.0	13	46.0	1263	13087	76.2	25	1200	146	338	1.9
2	2.20	92	17129	99.8	14	60.0	2170	11824	68.9	26	1600	104	192	1.1
3	2.90	206	17037	99.2	15	79.0	2638	9654	56.2	27	2100	41	88	.5
4	3.90	222	16831	98.0	16	100.0	2265	7016	40.9	28	2800	20	47	.2
5	5.10	181	16609	96.8	17	140.0	924	4751	27.7	29	3700	15	27	.1
6	6.70	204	16428	95.7	18	180.0	973	3827	22.3	30	4800	5	12	
7	8.80	259	16224	94.5	19	240.0	678	2854	16.6	31	6400	2	7	
8	12.00	248	15965	93.0	20	310.0	604	2176	12.7	32	8400	1	5	
9	15.00	396	15717	91.6	21	410.0	466	1572	9.2	33	11000	3	4	
10	20.00	461	15321	89.3	22	540.0	364	1106	6.4	34	15000	1	1	
11	26.00	803	14860	86.6	23	710.0	251	742	4.3					

GILA RIVER BASIN

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09432000 GILA RIVER BELOW BLUE CREEK, NEAR VIRDEN, NM--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1929	2.80 12	3.30 15	3.70 15	3.80 15	7.60 17	40.00 34	77.00 41	82.00 41	84.00 26
1930	2.90 13	3.00 12	3.10 12	3.60 11	5.00 10	26.00 23	30.00 17	53.00 22	122.00 43
1931	5.60 28	6.40 30	7.20 29	10.00 28	24.00 35	46.00 38	77.00 42	79.00 38	103.00 35
1932	26.00 46	27.00 46	29.00 46	34.00 46	49.00 43	85.00 47	126.00 48	133.00 48	187.00 46
1933	14.00 43	15.00 43	17.00 44	23.00 42	57.00 45	88.00 48	91.00 46	95.00 44	112.00 39
1934	12.00 41	12.00 40	13.00 39	25.00 44	65.00 48	80.00 46	88.00 45	99.00 45	113.00 40
1935	2.20 6	2.60 8	2.80 7	3.60 12	4.60 8	7.30 5	11.00 3	18.00 4	100.00 34
1936	4.00 20	4.30 19	5.30 21	5.50 18	6.90 14	24.00 20	41.00 27	55.00 24	104.00 36
1937	7.00 34	7.00 33	8.90 34	14.00 34	32.00 38	50.00 39	49.00 31	60.00 29	81.00 23
1938	6.00 29	6.00 28	8.00 32	24.00 43	46.00 42	67.00 42	76.00 40	90.00 42	93.00 30
1939	6.00 30	7.00 34	7.60 30	11.00 29	18.00 30	30.00 28	60.00 34	68.00 32	96.00 31
1940	2.00 4	2.30 6	2.70 5	2.90 5	4.40 7	16.00 13	32.00 20	48.00 19	76.00 20
1941	8.00 35	9.00 36	12.00 36	16.00 37	36.00 39	41.00 36	58.00 32	77.00 37	82.00 24
1942	29.00 47	30.00 47	35.00 47	42.00 47	71.00 49	96.00 49	153.00 49	158.00 49	377.00 49
1943	25.00 45	25.00 45	26.00 45	28.00 45	39.00 40	42.00 37	62.00 35	80.00 39	107.00 37
1944	8.00 36	9.00 37	12.00 37	14.00 35	18.00 31	30.00 29	47.00 29	59.00 27	67.00 17
1945	6.00 31	6.30 29	6.90 28	8.30 25	13.00 23	28.00 26	41.00 28	56.00 25	119.00 42
1946	4.60 24	4.90 24	5.30 22	5.90 20	9.40 19	40.00 35	70.00 37	72.00 33	79.00 22
1947	1.80 2	1.90 3	2.10 2	2.50 3	3.40 3	7.20 4	13.00 4	18.00 5	55.00 9
1948	2.60 9	2.70 9	2.80 8	2.90 4	5.00 9	11.00 8	14.00 5	17.00 3	56.00 10
1949	2.20 7	2.30 4	2.70 6	3.20 6	5.30 11	22.00 18	33.00 22	33.00 10	40.00 4
1950	12.00 42	12.00 38	12.00 38	14.00 36	59.00 46	70.00 44	78.00 43	82.00 40	82.00 25
1951	3.50 18	4.40 20	5.20 20	7.80 24	9.80 20	17.00 14	25.00 11	42.00 18	62.00 15
1952	1.80 3	1.80 2	2.10 3	2.20 2	3.20 2	4.90 1	6.80 1	6.30 1	14.00 2
1953	2.60 10	2.90 11	2.90 9	3.30 8	14.00 26	36.00 31	40.00 26	57.00 26	58.00 11
1954	3.50 19	3.50 17	3.70 16	3.80 16	3.90 4	5.00 2	15.00 6	23.00 7	34.00 3
1955	5.10 25	5.20 25	5.70 23	7.00 21	13.00 24	23.00 19	39.00 25	62.00 31	70.00 18
1956	2.40 8	2.60 7	2.90 10	3.40 10	3.90 5	10.00 6	16.00 7	60.00 28	66.00 16
1957	1.70 1	1.70 1	2.00 1	2.00 1	2.50 1	5.10 3	8.30 2	12.00 2	13.00 1
1958	2.10 5	2.30 5	2.40 4	3.30 9	7.30 16	18.00 15	28.00 13	53.00 23	108.00 38
1959	2.90 14	3.40 16	4.10 18	11.00 30	18.00 32	32.00 30	60.00 33	76.00 35	99.00 32
1960	3.20 15	3.30 13	3.40 13	3.70 13	5.70 12	14.00 10	21.00 10	30.00 8	118.00 41
1961	4.40 22	4.50 21	5.90 25	10.00 26	24.00 36	27.00 24	32.00 21	32.00 9	53.00 7
1962	6.00 32	6.50 31	8.40 33	10.00 27	17.00 28	29.00 27	31.00 18	39.00 14	53.00 8
1963	4.40 23	4.70 23	6.30 26	13.00 32	32.00 37	50.00 40	106.00 47	113.00 47	139.00 44
1964	4.20 21	4.50 22	4.90 19	5.80 19	7.80 18	14.00 11	35.00 23	61.00 30	86.00 27
1965	3.20 16	3.30 14	3.40 14	3.80 14	6.40 13	16.00 12	28.00 14	40.00 15	99.00 33
1966	9.70 38	13.00 41	15.00 42	17.00 38	21.00 33	38.00 32	72.00 39	91.00 43	88.00 28
1967	35.00 48	35.00 48	39.00 48	44.00 48	65.00 47	67.00 43	71.00 38	76.00 36	77.00 21
1968	12.00 39	13.00 42	14.00 40	14.00 33	16.00 27	25.00 21	31.00 19	51.00 20	201.00 48
1969	37.00 49	41.00 49	42.00 49	44.00 49	46.00 41	53.00 41	65.00 36	73.00 34	91.00 29
1970	5.30 26	5.70 27	6.30 27	7.70 22	12.00 21	25.00 22	29.00 15	37.00 12	60.00 13
1971	6.80 33	7.00 32	7.70 31	12.00 31	14.00 25	27.00 25	38.00 24	41.00 17	46.00 5
1972	3.50 17	3.60 18	3.80 17	4.70 17	7.20 15	10.00 7	16.00 8	22.00 6	59.00 12
1973	5.30 27	5.50 26	5.80 24	7.70 23	12.00 22	22.00 16	29.00 16	40.00 16	193.00 47
1974	16.00 44	16.00 44	17.00 43	17.00 39	18.00 29	22.00 17	27.00 12	36.00 11	48.00 6
1975	2.70 11	2.70 10	3.00 11	3.20 7	4.10 6	12.00 9	21.00 9	39.00 13	74.00 19

09432000 GILA RIVER BELOW BLUE CREEK, NEAR VIRDEN, NM--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1929	2890.0 17	2140.0 16	1410.0 17	922.0 17	716.0 15	473.0 16	339.0 19	257.0 21	188.0 23
1930	2410.0 21	1720.0 23	1450.0 16	932.0 16	658.0 17	414.0 19	297.0 23	231.0 23	251.0 16
1931	1430.0 28	1110.0 26	899.0 25	715.0 22	553.0 22	411.0 20	391.0 14	336.0 14	290.0 14
1932	2470.0 20	1770.0 22	1200.0 20	882.0 19	865.0 12	719.0 9	586.0 9	489.0 9	372.0 10
1933	2030.0 25	1330.0 25	889.0 26	697.0 23	560.0 21	387.0 21	300.0 22	255.0 22	209.0 21
1934	4980.0 7	2600.0 12	1460.0 15	812.0 20	466.0 25	252.0 30	173.0 34	132.0 35	113.0 36
1935	2100.0 24	1080.0 27	551.0 32	355.0 36	302.0 34	254.0 29	219.0 29	198.0 27	162.0 27
1936	559.0 42	447.0 41	383.0 38	352.0 37	300.0 36	246.0 32	228.0 25	199.0 25	170.0 25
1937	6850.0 5	3810.0 7	2260.0 8	1430.0 8	1170.0 8	1020.0 6	826.0 6	665.0 6	475.0 6
1938	1350.0 29	873.0 29	623.0 28	487.0 29	341.0 31	237.0 33	193.0 31	168.0 30	142.0 29
1939	720.0 38	694.0 33	575.0 30	431.0 31	331.0 32	226.0 34	186.0 33	167.0 31	142.0 30
1940	4170.0 11	2320.0 13	1220.0 19	693.0 24	596.0 19	484.0 15	379.0 16	316.0 16	281.0 15
1941	21700.0 1	11700.0 1	5060.0 2	2400.0 3	1300.0 7	1060.0 5	995.0 4	929.0 4	812.0 2
1942	3370.0 14	2170.0 14	1750.0 13	1040.0 14	648.0 18	433.0 18	388.0 15	353.0 13	307.0 13
1943	853.0 33	713.0 32	568.0 31	434.0 30	301.0 35	204.0 36	172.0 35	160.0 33	137.0 31
1944	3020.0 16	1980.0 20	1120.0 23	644.0 26	402.0 27	250.0 31	192.0 32	148.0 34	119.0 34
1945	724.0 37	485.0 38	449.0 35	404.0 32	386.0 28	350.0 23	306.0 21	277.0 20	231.0 20
1946	871.0 32	653.0 34	358.0 41	209.0 43	170.0 44	128.0 43	98.0 42	98.0 41	91.0 41
1947	765.0 34	646.0 35	433.0 36	383.0 33	237.0 38	130.0 41	111.0 41	103.0 40	88.0 42
1948	440.0 46	423.0 43	409.0 37	381.0 34	354.0 29	289.0 27	223.0 26	186.0 28	146.0 28
1949	10400.0 3	6230.0 3	3520.0 4	2330.0 4	1560.0 4	1340.0 2	1190.0 2	1030.0 2	767.0 4
1950	586.0 41	473.0 39	362.0 40	277.0 41	181.0 42	109.0 44	97.0 43	90.0 44	82.0 43
1951	203.0 47	160.0 47	141.0 47	97.0 47	87.0 47	83.0 46	77.0 46	73.0 45	68.0 46
1952	3870.0 12	3010.0 10	1920.0 10	1270.0 12	734.0 14	439.0 17	440.0 12	415.0 12	327.0 12
1953	935.0 31	739.0 31	537.0 33	376.0 35	263.0 37	170.0 37	135.0 37	120.0 38	102.0 38
1954	2660.0 18	1820.0 21	1180.0 21	715.0 21	523.0 24	346.0 24	261.0 24	202.0 24	178.0 24
1955	1190.0 30	787.0 30	623.0 29	498.0 28	449.0 26	315.0 26	215.0 30	163.0 32	120.0 33
1956	613.0 39	365.0 45	234.0 46	142.0 46	89.0 46	78.0 47	74.0 47	71.0 47	69.0 45
1957	3310.0 14	2080.0 18	1340.0 18	1200.0 13	1050.0 10	645.0 11	438.0 13	333.0 15	232.0 19
1958	3870.0 13	3070.0 8	2460.0 7	2000.0 6	1370.0 6	1090.0 4	813.0 7	638.0 7	449.0 8
1959	1690.0 26	1370.0 24	1080.0 24	906.0 18	578.0 20	319.0 25	222.0 28	168.0 29	123.0 32
1960	4280.0 10	2730.0 11	1690.0 14	1000.0 15	707.0 16	543.0 12	548.0 11	463.0 10	342.0 11
1961	608.0 40	388.0 44	251.0 43	175.0 45	127.0 45	99.0 45	95.0 44	94.0 42	94.0 40
1962	2320.0 23	2160.0 15	1930.0 9	1390.0 11	1070.0 9	710.0 10	646.0 8	572.0 8	473.0 7
1963	1650.0 27	882.0 28	746.0 27	649.0 25	530.0 23	364.0 22	330.0 20	288.0 18	234.0 18
1964	2530.0 19	2060.0 19	1170.0 22	613.0 27	345.0 30	213.0 35	164.0 36	126.0 37	99.0 39
1965	482.0 44	424.0 42	381.0 39	342.0 38	312.0 33	256.0 28	223.0 27	198.0 26	162.0 26
1966	8180.0 4	5320.0 4	3050.0 5	2290.0 5	1590.0 3	948.0 7	857.0 5	878.0 5	659.0 5
1967	4800.0 8	3950.0 6	2470.0 6	1400.0 9	802.0 13	505.0 13	371.0 17	283.0 19	201.0 22
1968	2350.0 22	2130.0 17	1760.0 12	1660.0 7	1600.0 2	1330.0 3	1170.0 3	1010.0 3	779.0 3
1969	535.0 43	488.0 37	350.0 42	287.0 40	193.0 41	129.0 42	132.0 38	127.0 36	113.0 35
1970	442.0 45	247.0 46	238.0 45	230.0 42	199.0 40	153.0 39	128.0 39	116.0 39	104.0 37
1971	754.0 35	459.0 40	243.0 44	201.0 44	177.0 43	134.0 40	95.0 45	73.0 46	60.0 47
1972	4460.0 9	3020.0 9	1840.0 11	1400.0 10	917.0 11	501.0 14	367.0 18	313.0 17	241.0 17
1973	14500.0 2	9900.0 2	5380.0 1	3300.0 1	1960.0 1	1470.0 1	1330.0 1	1130.0 1	963.0 1
1974	752.0 36	592.0 36	450.0 34	320.0 39	216.0 39	161.0 38	123.0 40	94.0 43	74.0 44
1975	6180.0 6	4840.0 5	4040.0 3	2740.0 2	1510.0 5	781.0 8	562.0 10	437.0 11	405.0 9

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
142	101	156	207	267	353	245	134	42.4	78.2	213	202
64880	5098	36160	65270	92730	147600	67910	29300	1762	3023	41510	84270
255	71.4	190	255	305	384	261	171	42.0	55.0	204	290
5.08	4.58	4.42	2.92	1.86	1.62	1.71	2.87	1.80	0.75	1.90	3.41
1.80	0.71	1.22	1.24	1.14	1.09	1.06	1.27	0.99	0.70	0.96	1.44
6.62	4.73	7.29	9.65	12.5	16.5	11.5	6.28	1.98	3.66	9.95	9.44

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
179	17840	134	1.79	0.75	-0.085

GILA RIVER BASIN

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09442000 GILA RIVER NEAR CLIFTON, AZ

LOCATION.--Lat 32°57'55", long 109°18'25", in NE¼SE¼ sec.25, T.5 S., R.29 E., Greenlee County, Hydrologic Unit 15040002, on right bank
60 ft (18 m) upstream from bridge on county road, 6 mi (10 km) upstream from San Francisco River, and 6 mi (10 km) south of Clifton.

DRAINAGE AREA.--4,010 mi² (10,386 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1911	16000	07-25-11			1912	212000
1912	21000	03-11-12			1913	102000
1913	1200	09-22-13			1914	226000
1914	5700	08-06-14			1915	673000
1915	12000	12-20-14			1916	337000
1916	7600	01-18-16			1917	260000
1917	19500	10-15-16			1929	113000
1928	2870	07-31-28			1930	130000
1929	13200	07-30-29			1931	150000
1930	6300	08-11-30			1932	169000
1931	6900	09-04-31			1933	106000
1932	4500	07-09-32			1936	76600
1933	4000	09-09-33			1937	180000
1934	17000	08-26-34			1938	79900
1935	3100	08-31-35			1939	68300
1936	4300	08-28-36			1940	123000
1937	7450	02-18-37			1941	367000
1938	5930	08-06-38			1942	163000
1939	8670	08-05-39			1943	73000
1940	6300	10-08-39			1944	66100
1941	28200	09-29-41			1945	103000
1942	3280	08-06-42			1946	52900
1943	6770	09-27-43			1949	276000
1944	2610	08-19-44			1950	43100
1945	4540	08-08-45			1951	31000
1946	5800	10-09-45			1952	102000
1948	1090	08-03-48		5.08	1953	39400
1949	13900	01-15-49		15.3	1954	72100
1950	1680	07-30-50		4.80	1955	78700
1951	4600	08-03-51		7.75	1956	34200
1952	4280	01-20-52		7.98	1957	80200
1953	3700	07-30-53		7.38	1958	179000
1954	6000	08-23-54		9.75	1959	74000
1955	9450	07-23-55		11.9	1960	114000
1956	12700	10-04-55		13.29	1961	33700
1957	8070	08-29-57		11.72	1962	177000
1958	3980	03-24-58		9.5	1963	118000
1959	5610	08-26-59		9.4	1964	58900
1960	4000	01-13-60		8.85	1965	70900
1961	2400	08-13-61		7.40	1966	252000
1962	8980	09-26-62		11.59	1967	96000
1963	3580	08-31-63		8.03	1968	290000
1964	5070	07-15-64		9.38	1969	52800
1965	3310	09-03-65		8.12	1970	41500
1966	10700	12-24-65		14.82	1971	41500
1967	11100	08-12-67		15.1	1972	132000
1968	4380	03-11-68		6.6	1973	441000
1969	3610	09-11-69		6.17	1974	45700
1970	4220	08-05-70		6.50	1975	170000
1971	5010	10-02-70		8.25		
1972	6160	09-03-72		9.25		
1973	33000	10-21-72	1891	18.7		
1974	3460	07-19-74		8.63		
1975	4660	09-08-75		9.25		

09442000 GILA RIVER NEAR CLIFTON, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1912								1	17	16	14	35	57	27	59	23	32	18	15	10	16	7	4	5	1	3			3		2				1	
1913							4	17	19	14	25	29	65	36	51	42	17	13	16	4	4	5	3	1												
1914							22	6		16	12	14	22	4	10	48	80	29	25	22	13	12	10	4	11	5										
1915									10	7	3	8	14	10	15	9	51	37	20	20	25	17	14	24	24	17		17	10	4	2	1	2	4		
1916										20	6	5	40	68	32	16	14	12	35	17	13	5	23	43	8		1	2	1	3	1	1				
1917							1	49	24	6	11	12	19	38	63	18	20	52	21	11	6	3	4	2	2	1		1	1	1	2		1	1		
1929							26	14	59	19	14	16	30	53	69	12	7	8	5	6	3	4	3	4	2	3	1	1	1							
1930							7	35	24	11	19	27	63	67	28	12	15	15	7	10	8	3	3	4	2	1	3	1								
1931								9	26	23	12	36	33	80	17	23	28	16	17	11	11	7	4	8	2		1	1								
1932							1	6	29	15	10	23	46	66	45	17	16	17	18	22	12	6	4	1	2											
1933								23	26	22	24	22	42	77	47	16	19	11	11	11	8	1	2		1	2										
1936							38	27	23	16	28	16	26	81	40	24	22	11	9	3		2														
1937								3	28	30	12	17	8	49	67	40	16	5	8	8	25	16	11	9	4	3	2	1	2			1				
1938								31	34	9	22	10	43	79	70	15	7	11	12	11	2	5		2	1	1										
1939							9	24	31	25	23	17	20	27	84	53	11	11	9	6	2	5	3	3	1		1									
1940								8	31	21	18	20	47	54	44	28	10	22	13	9	8	3	3	1	1			1	1		1					
1941									6	18	31	27	16	21	17	26	18	11	19	26	25	35	28	22	10	4	1	1	1	1						
1942									50	18	15	6	14	8	17	45	106	46	13	7	8	2	1	3	3	1	1						1			
1943							10	48	34	23	26	30	68	50	42	9	6	4	4	5	2	1		1	1	1										
1944							19	9	17	41	47	63	81	55	7	8	6	3	1	1	4	1	1	1	1	1										
1945							4	43	15	8	12	16	17	9	50	30	67	40	32	17	1	2	1		1											
1946							5	48	48	19	11	17	23	84	28	56	7	4	5	3	3	3			1											
1949							3	12	12	24	29	14	29	23	11	19	12	16	17	21	35	14	6	16	16	7	7	1	2	1	1			1		
1950							4	41	41	25	29	26	36	62	37	46	5	5	2	4			2													
1951							13	17	43	43	16	20	30	41	48	50	36	3	1	1		1			1											
1952							4	20	22	25	13	21	23	28	49	36	21	13	20	19	14	11	11	5	4	1	2	1	2			1				
1953							7	43	32	47	38	21	12	28	80	27	5	6	6	3	3	2	1	3	1											
1954							28	37	84	11	24	32	36	31	12	9	7	10	5	5	8	2	4	2	6	5	2	4			1					
1955							14	29	52	16	14	24	47	32	47	33	5	4	2	5	9	8	9	4	3	1	3		4		4					
1956							19	54	43	64	16	6	13	31	72	29	11	3		1			1	1												
1957							1	3	57	100	30	15	31	29	22	7	9	3	5	8	2		5	4	7	8	5	4	6	1	2	1				
1958							4		6	32	17	3	4	4	10	11	50	71	28	19	8	10	13	14	8	17	8	3	6	13	3	2		1		
1959							3	22	25	65	12	13	9	12	9	47	79	25	12	5	3	3	4	1	5	4	1	4	1	1	1					
1960								30	57	38	13	6	7	9	11	38	17	12	18	20	17	16	27	12	4	3	3	3	3		1	1				
1961							1	18	66	25	13	24	48	45	29	41	32	6	3	2	2	5	4	1												
1962							1	3	15	46	15	9	2	16	16	9	9	6	22	19	43	20	23	27	32	7	6	3	4	6	4	1			1	
1963							6	5	31	12	13	4	7	10	11	27	44	29	21	41	35	14	19	22	8	1	1	3			1					
1964								7	36	35	38	32	14	15	14	27	96	26	4	4	2	2	4	1	1	1	3	3								
1965							8	7	30	17	3	19	21	19	61	41	38	26	43	20	7	1		1	2											
1966								5	9	18	23	28	18	14	22	28	11	10	8	22	36	34	16	9	17	7	7	7	9	3	1	2		1		
1967							1	9		9	10	45	30	26	6	29	69	75	6	6	9	5	3	2	3	1	2	1			2					
1968									6	23	29	54	38	21	11	12	15	10	43	14	9	17	12	21	24	3	3	1								
1969								5	11	31	30	34	34	32	25	70	52	24	9	2	1	1	3	1												
1970								31	35	32	17	24	28	31	60	67	9	12	14	1	2	1		1												
1971								20	20	39	51	34	19	32	57	40	16	5	6	6	5	5	4	1	3	1	1									
1972								2	33	49	33	11	7	13	21	39	48	22	19	9	15	11	4	6	8	3	3	3	5	1	1					
1973								6	21	9	13	9	13	9	1	20	14	17	27	29	30	11	17	21	26	36	22	7	5	1	2			1		
1974								7	28	18	20	107	17	18	26	40	48	11	4	4	4	3	2	4	1	1	1	1	1							
1975								14	20	7	18	10	19	28	59	40	19	27	17	14	30	16	10	3	3	1	1	1	1	1	6	1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	18263	100.0	12	72.0	2065	9584	52.5	24	1300	170	406	2.2
1	5.00	7	18263	100.0	13	92.0	1650	7519	41.2	25	1700	95	236	1.2
2	6.40	57	18256	100.0	14	120.0	965	5869	32.1	26	2200	54	141	.7
3	8.10	319	18199	99.6	15	150.0	882	4904	26.9	27	2800	37	87	.4
4	10.00	736	17880	97.9	16	190.0	820	4022	22.0	28	3500	19	50	.2
5	13.00	888	17144	93.9	17	240.0	621	3202	17.5	29	4500	11	31	.1
6	17.00	867	16256	89.0	18	310.0	632	2581	14.1	30	5800	7	20	.1
7	21.00	1028	15389	84.3	19	400.0	455	1949	10.7	31	7300	4	13	
8	27.00	1019	14361	78.6	20	510.0	351	1494	8.2	32	9300	5	9	
9	35.00	996	13342	73.1	21	650.0	263	1143	6.3	33	12000	2	4	
10	45.00	1099	12346	67.6	22	820.0	215	880	4.8	34	15000	2	2	
11	57.00	1663	11247	61.6	23	1000.0	259	665	3.6					

GILA RIVER BASIN

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09442000 GILA RIVER NEAR CLIFTON, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1912	20.00 38	20.00 37	25.00 42	27.00 42	29.00 39	41.00 40	54.00 36	106.00 45	177.00 43
1913	25.00 44	28.00 45	31.00 47	35.00 48	43.00 46	53.00 44	89.00 46	105.00 44	116.00 39
1914	20.00 39	20.00 38	21.00 37	23.00 38	26.00 37	34.00 35	45.00 31	52.00 26	119.00 40
1915	22.00 41	22.00 39	22.00 38	22.00 37	25.00 36	45.00 43	83.00 45	291.00 50	373.00 49
1916	30.00 48	30.00 48	31.00 48	34.00 47	52.00 49	99.00 50	103.00 47	114.00 46	237.00 47
1917	36.00 50	36.00 50	36.00 50	38.00 49	44.00 47	79.00 48	120.00 49	186.00 49	264.00 48
1918	26.00 45	28.00 46	29.00 45	30.00 45	31.00 42	38.00 36	45.00 32	51.00 23	53.00 10
1929	18.00 31	18.00 30	18.00 30	19.00 30	20.00 27	31.00 32	57.00 38	68.00 37	81.00 25
1930	14.00 27	14.00 27	14.00 26	15.00 25	15.00 21	20.00 21	22.00 18	52.00 24	110.00 37
1931	18.00 32	18.00 31	18.00 31	20.00 31	21.00 30	30.00 30	61.00 40	77.00 41	98.00 34
1932	22.00 42	23.00 42	23.00 39	25.00 39	30.00 40	62.00 46	109.00 48	132.00 47	192.00 45
1933	20.00 40	23.00 43	26.00 43	27.00 43	35.00 45	69.00 47	80.00 44	88.00 43	108.00 36
1937	18.00 33	19.00 35	19.00 32	20.00 32	22.00 31	24.00 26	35.00 23	44.00 19	70.00 16
1938	19.00 37	22.00 40	24.00 40	26.00 40	33.00 43	43.00 42	54.00 37	69.00 38	86.00 28
1939	18.00 34	18.00 32	19.00 33	20.00 33	20.00 28	28.00 29	37.00 24	58.00 27	85.00 27
1940	11.00 19	12.00 20	12.00 19	13.00 19	14.00 18	16.00 17	26.00 21	47.00 20	81.00 26
1941	19.00 35	20.00 36	20.00 34	20.00 34	31.00 41	38.00 37	43.00 29	61.00 31	80.00 24
1942	30.00 49	31.00 49	32.00 49	38.00 50	52.00 50	84.00 49	132.00 50	144.00 48	402.00 50
1943	27.00 46	27.00 44	27.00 44	28.00 44	28.00 38	32.00 33	45.00 33	65.00 35	97.00 33
1944	19.00 36	19.00 33	20.00 35	20.00 35	23.00 34	27.00 27	42.00 27	63.00 33	74.00 19
1945	17.00 29	17.00 29	17.00 29	17.00 28	21.00 29	31.00 31	45.00 34	58.00 28	107.00 35
1946	16.00 28	16.00 28	16.00 28	18.00 29	19.00 25	27.00 28	62.00 41	77.00 42	88.00 31
1947	12.00 24	12.00 21	12.00 20	13.00 20	14.00 19	15.00 15	18.00 12	21.00 6	52.00 9
1950	23.00 43	23.00 41	24.00 41	26.00 41	48.00 48	57.00 45	64.00 42	72.00 39	71.00 17
1951	11.00 20	12.00 22	13.00 24	14.00 23	15.00 20	16.00 16	19.00 13	31.00 10	48.00 8
1952	7.40 5	7.40 4	7.60 3	7.80 1	9.20 3	11.00 3	15.00 6	23.00 8	26.00 4
1953	13.00 25	13.00 25	14.00 25	16.00 26	20.00 26	33.00 34	42.00 28	47.00 21	56.00 11
1954	9.20 15	9.20 14	9.40 13	10.00 15	11.00 11	12.00 6	13.00 3	15.00 3	24.00 2
1955	8.80 12	8.90 12	9.00 11	9.20 7	9.50 4	11.00 4	19.00 14	52.00 25	60.00 13
1956	9.40 16	9.40 16	9.40 14	9.50 9	12.00 16	13.00 7	14.00 4	42.00 17	76.00 20
1957	6.50 4	7.20 3	7.60 4	7.90 2	8.00 1	8.40 1	9.10 1	9.90 1	16.00 1
1958	6.00 3	6.00 1	7.00 1	9.00 5	11.00 12	14.00 13	15.00 7	47.00 22	87.00 29
1959	8.40 11	8.50 11	9.30 12	9.60 12	13.00 17	20.00 22	44.00 30	67.00 36	89.00 32
1960	8.00 7	8.00 7	8.20 5	8.70 4	9.20 2	11.00 2	13.00 2	20.00 5	115.00 38
1961	8.20 9	8.20 8	8.50 7	9.50 10	11.00 13	14.00 14	17.00 11	16.00 4	25.00 3
1962	8.00 8	8.50 9	8.70 8	9.20 6	10.00 5	13.00 8	15.00 8	22.00 7	38.00 5
1963	5.00 1	7.50 5	8.70 9	9.70 13	12.00 14	23.00 25	65.00 43	73.00 40	124.00 41
1964	7.60 6	7.60 6	8.40 6	9.30 8	10.00 6	12.00 5	22.00 19	42.00 18	74.00 18
1965	9.40 17	9.40 17	9.60 15	10.00 16	11.00 7	13.00 9	15.00 9	36.00 15	88.00 30
1966	8.90 13	9.20 13	9.60 16	11.00 17	12.00 15	21.00 23	39.00 25	59.00 30	77.00 21
1967	12.00 21	12.00 23	12.00 21	14.00 24	24.00 35	41.00 41	58.00 39	64.00 34	65.00 15
1968	6.00 2	6.40 2	7.00 2	8.30 3	16.00 22	18.00 18	19.00 15	31.00 11	200.00 46
1969	27.00 47	30.00 47	30.00 46	32.00 46	34.00 44	40.00 38	52.00 35	62.00 32	79.00 22
1970	12.00 22	12.00 24	12.00 22	13.00 21	16.00 23	19.00 19	27.00 22	33.00 14	56.00 12
1971	10.00 18	11.00 18	11.00 18	11.00 18	11.00 8	13.00 10	20.00 17	32.00 12	46.00 7
1972	8.30 10	8.50 10	8.90 10	9.60 11	11.00 9	13.00 11	14.00 5	15.00 2	61.00 14
1973	12.00 23	12.00 19	13.00 23	14.00 22	17.00 24	19.00 20	19.00 16	32.00 13	184.00 44
1974	18.00 30	19.00 34	20.00 36	21.00 36	22.00 32	23.00 24	24.00 20	28.00 9	44.00 6
1975	8.90 14	9.30 15	9.70 17	9.90 14	11.00 10	14.00 12	16.00 10	41.00 16	80.00 23

09442000 GILA RIVER NEAR CLIFTON, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1912	12000.0 4	5630.0 5	3040.0 8	1820.0 8	1210.0 9	726.0 12	511.0 13	403.0 14	433.0 9
1913	1000.0 43	948.0 38	860.0 33	674.0 29	498.0 30	359.0 27	283.0 28	236.0 27	192.0 25
1914	2060.0 32	1950.0 22	1670.0 17	1360.0 13	979.0 14	846.0 10	672.0 11	524.0 11	379.0 12
1915	11200.0 5	9800.0 1	8200.0 1	4810.0 1	2670.0 1	2050.0 1	1860.0 1	1970.0 1	1470.0 1
1916	6310.0 8	5270.0 6	3620.0 4	2770.0 3	1930.0 3	1500.0 2	1270.0 2	1050.0 2	729.0 4
1917	13500.0 3	8530.0 3	4610.0 3	2520.0 4	1410.0 6	830.0 11	681.0 10	720.0 8	611.0 8
1929	3530.0 16	2290.0 19	1820.0 16	1380.0 14	990.0 13	614.0 15	435.0 17	331.0 18	226.0 21
1930	2880.0 22	2230.0 20	1930.0 15	1180.0 18	893.0 16	531.0 19	371.0 20	283.0 21	266.0 19
1931	2850.0 23	1880.0 25	1280.0 23	875.0 23	527.0 28	450.0 23	352.0 23	287.0 20	276.0 18
1932	2190.0 30	1540.0 28	1090.0 27	824.0 25	814.0 20	638.0 13	504.0 14	417.0 13	325.0 15
1933	1800.0 36	1320.0 31	886.0 31	657.0 30	520.0 29	342.0 28	269.0 30	232.0 28	187.0 28
1936	810.0 46	484.0 46	364.0 46	327.0 42	258.0 37	210.0 35	178.0 34	164.0 34	141.0 33
1937	4890.0 12	3410.0 11	2030.0 14	1300.0 16	1090.0 11	905.0 9	716.0 8	569.0 9	411.0 10
1938	1370.0 40	810.0 39	548.0 38	410.0 36	277.0 35	206.0 36	160.0 38	141.0 36	122.0 35
1939	1840.0 35	1130.0 35	598.0 36	335.0 41	255.0 39	170.0 41	142.0 41	133.0 38	117.0 37
1940	4510.0 13	2670.0 15	1370.0 22	706.0 27	545.0 25	428.0 25	331.0 24	273.0 24	255.0 20
1941	19500.0 1	8300.0 4	3580.0 5	1710.0 10	1020.0 12	996.0 6	938.0 6	865.0 6	752.0 3
1942	6130.0 9	3320.0 12	2220.0 11	1330.0 15	812.0 21	520.0 20	447.0 16	397.0 16	327.0 14
1943	1870.0 34	692.0 42	515.0 39	383.0 38	251.0 40	174.0 40	156.0 39	147.0 35	124.0 34
1944	1780.0 37	1250.0 32	854.0 34	519.0 33	334.0 33	215.0 34	170.0 35	133.0 39	108.0 39
1945	1660.0 38	739.0 40	499.0 40	368.0 39	314.0 34	268.0 32	245.0 31	227.0 30	197.0 24
1946	3030.0 19	1210.0 34	589.0 37	310.0 44	182.0 44	120.0 45	104.0 44	106.0 42	95.0 40
1949	8930.0 6	5240.0 7	3050.0 7	2170.0 5	1340.0 7	1240.0 5	1070.0 5	916.0 5	664.0 6
1950	630.0 49	383.0 49	322.0 47	225.0 46	147.0 47	93.0 48	86.0 48	81.0 48	71.0 47
1951	1230.0 42	459.0 47	274.0 49	140.0 50	78.0 50	72.0 50	68.0 49	63.0 49	56.0 49
1952	3400.0 17	2110.0 21	1390.0 21	927.0 22	533.0 26	310.0 31	300.0 26	278.0 23	216.0 22
1953	812.0 45	545.0 45	403.0 43	277.0 45	182.0 45	123.0 44	102.0 46	92.0 44	74.0 46
1954	2370.0 27	1740.0 26	1150.0 25	706.0 28	529.0 27	380.0 26	287.0 27	220.0 31	165.0 30
1955	2090.0 31	1370.0 30	1080.0 28	758.0 26	577.0 24	443.0 24	304.0 25	231.0 29	159.0 31
1956	2910.0 21	1910.0 23	889.0 30	435.0 35	227.0 41	131.0 43	104.0 45	90.0 45	77.0 44
1957	2530.0 26	1540.0 27	1150.0 26	1020.0 20	858.0 18	539.0 18	369.0 21	280.0 22	189.0 26
1958	3580.0 15	2830.0 13	2150.0 12	1720.0 9	1170.0 10	936.0 7	694.0 9	542.0 10	381.0 11
1959	2670.0 25	1910.0 24	1250.0 24	984.0 21	593.0 23	325.0 30	222.0 32	169.0 32	118.0 36
1960	2830.0 24	2340.0 18	1440.0 20	845.0 24	616.0 22	483.0 22	475.0 15	399.0 15	290.0 17
1961	446.0 50	399.0 48	306.0 48	172.0 48	118.0 49	81.0 49	65.0 50	60.0 50	56.0 50
1962	5260.0 11	2820.0 14	1620.0 18	1180.0 19	912.0 15	583.0 16	515.0 12	459.0 12	373.0 13
1963	2230.0 28	1030.0 36	800.0 35	584.0 32	447.0 31	333.0 29	277.0 29	239.0 26	188.0 27
1964	2230.0 29	1520.0 29	884.0 32	456.0 34	265.0 36	192.0 37	162.0 36	124.0 40	88.0 41
1965	1940.0 33	975.0 37	482.0 41	335.0 40	225.0 42	184.0 39	160.0 37	140.0 37	115.0 38
1966	7170.0 7	4940.0 8	2920.0 9	2140.0 7	1510.0 5	919.0 8	815.0 7	835.0 7	617.0 7
1967	5940.0 10	4760.0 9	2850.0 10	1540.0 12	858.0 19	546.0 17	385.0 19	294.0 19	200.0 23
1968	3000.0 20	2590.0 16	2110.0 13	1640.0 11	1520.0 4	1280.0 3	1140.0 4	948.0 4	714.0 5
1969	676.0 48	569.0 44	368.0 44	311.0 43	183.0 43	117.0 46	107.0 43	101.0 43	88.0 42
1970	694.0 47	350.0 50	222.0 50	157.0 49	132.0 48	103.0 47	90.0 47	86.0 46	75.0 45
1971	920.0 44	623.0 43	368.0 45	219.0 47	179.0 46	154.0 42	108.0 42	84.0 47	61.0 48
1972	3190.0 18	2340.0 17	1510.0 19	1280.0 17	882.0 17	496.0 21	354.0 22	271.0 25	184.0 29
1973	15200.0 2	9310.0 2	5570.0 2	3490.0 2	2090.0 2	1270.0 4	1190.0 3	1020.0 3	913.0 2
1974	1320.0 41	729.0 41	472.0 42	387.0 37	257.0 38	189.0 38	145.0 40	111.0 41	80.0 43
1975	4170.0 14	3590.0 10	3290.0 6	2170.0 8	1210.0 8	621.0 14	434.0 18	332.0 17	309.0 16

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
178	99.8	180	245	282	370	234	107	36.8	137	230	195
103600	8484	124700	95570	122700	181000	95890	25760	1138	39200	45050	50290
322	92.1	353	309	350	425	310	160	33.7	198	212	284
3.62	3.31	5.39	2.33	2.10	1.52	2.68	3.08	2.12	2.72	1.57	2.91
1.81	0.92	1.96	1.26	1.24	1.15	1.32	1.50	0.92	1.45	0.92	1.15
7.75	4.35	7.84	10.7	12.3	16.1	10.2	4.67	1.60	5.97	10.0	8.51

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
197	28210	168	2.30	0.85	0.239

GILA RIVER BASIN

133

09444200 BLUE RIVER NEAR CLIFTON, AZ

LOCATION.--Lat 33°17'27", long 109°11'44", in sec.6, T.2 S., R.31 E. (unsurveyed), Greenlee County, Hydrologic Unit 15040004, in Apache National Forest, on right bank 0.1 mi (0.2 km) downstream from county road crossing, 0.9 mi (1.4 km) upstream from Clear Creek, 8 mi (13 km) upstream from mouth, and 17 mi (27 km) northeast of Clifton.

DRAINAGE AREA.--506 mi² (1,311 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1966	9380	12-30-65	16.60	1969	19100
1968	6290	08-09-68	13.99	1970	15300
1969	1360	08-07-69	7.42	1971	7840
1970	1180	07-28-70	7.37	1972	29600
1971	4240	10-03-70	11.80	1973	168000
1972	2520	10-25-71	9.60	1974	7310
1973	30000	10-20-72	22.56	1975	52600
1974	2380	08-23-74	9.8		
1975	25500	09-08-75	21.43		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
														NUMBER	OF	DAYS	IN	CLASS																	
1969				10	18	18	34	30	34	18	32	59	42	14	18	16	11	8	3																
1970			2	9	24	33	19	11	23	77	49	27	35	31	17	2	2	1	2		1														
1971		5	13	14	46	46	62	99	41	9	9	3	3	6	2		4	1	1		1														
1972		4	11	12	30	25	12	26	20	50	46	48	22	13	13	11	5	5	5	2	3			1											
1973					17	6	4	3	18	19	23	24	19	37	29	18	13	13	10	12	31	31	21	10	1	1	3								2
1974		3	22	29	73	29	19	21	68	71	16	5	2	2	2	1	2																		
1975				1	13	11	22	18	57	36	29	18	34	13	22	14	9	32	17	10	2	2	2					1		1			1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2556	100.0	12	28.0	188	795	31.1	24	610	10	22	.8
1	1.60	8	2556	100.0	13	37.0	107	607	23.7	25	790	2	12	.4
2	2.20	41	2548	99.7	14	47.0	111	500	19.6	26	1000	1	10	.3
3	2.80	74	2507	98.1	15	61.0	75	389	15.2	27	1300	4	9	.3
4	3.70	186	2433	95.2	16	79.0	55	314	12.3	28	1700	1	5	.1
5	4.70	184	2247	87.9	17	100.0	62	259	10.1	29	2200	1	4	.1
6	6.10	187	2063	80.7	18	130.0	41	197	7.7	30	2900		3	.1
7	7.90	195	1876	73.4	19	170.0	25	156	6.1	31	3700		3	.1
8	10.00	252	1681	65.8	20	220.0	18	131	5.1	32	4800	1	3	.1
9	13.00	249	1429	55.9	21	280.0	36	113	4.4	33	6100		2	
10	17.00	204	1180	46.2	22	370.0	33	77	3.0	34	7900	2	2	
11	22.00	181	976	38.2	23	470.0	22	44	1.7					

09444200 BLUE RIVER NEAR CLIFTON, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1969	3.40 6	3.40 5	3.60 5	3.60 5	4.10 4	6.30 4	12.00 5	17.00 6	25.00 5
1970	2.70 4	2.70 4	2.90 4	3.20 4	3.70 3	5.60 3	13.00 6	14.00 5	19.00 4
1971	2.00 2	2.00 2	2.40 1	2.80 2	3.60 2	4.20 2	5.00 2	5.60 1	6.40 1
1972	2.30 3	2.40 3	2.70 3	3.10 3	4.40 5	6.50 5	6.80 3	9.10 3	14.00 3
1973	5.00 8	5.00 8	5.10 8	5.20 7	7.80 8	14.00 8	19.00 8	25.00 8	154.00 8
1974	1.70 1	1.70 1	2.40 2	2.50 1	2.70 1	3.60 1	4.20 1	6.40 2	8.70 2
1975	3.50 7	3.60 7	4.10 7	5.30 8	6.40 7	12.00 7	15.00 7	21.00 7	48.00 7

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1969	168.0 6	115.0 6	110.0 4	98.0 4	82.0 4	59.0 4	50.0 4	46.0 4	37.0 4
1970	245.0 5	120.0 5	73.0 5	63.0 5	33.0 5	45.0 5	37.0 5	31.0 5	27.0 5
1971	250.0 4	137.0 4	69.0 6	42.0 6	31.0 6	21.0 6	16.0 6	13.0 6	11.0 7
1972	1790.0 3	983.0 3	514.0 3	289.0 3	169.0 3	100.0 3	95.0 3	80.0 3	60.0 3
1973	12400.0 1	7310.0 1	3520.0 1	1780.0 1	1070.0 1	563.0 1	427.0 1	347.0 1	324.0 1
1974	126.0 7	61.0 7	35.0 7	26.0 7	23.0 7	19.0 7	15.0 7	13.0 7	12.0 6
1975	5080.0 2	3080.0 2	1470.0 2	714.0 2	366.0 2	191.0 2	134.0 2	104.0 2	110.0 2

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
181	24.8	48.2	57.8	104	123	127	69.4	12.5	23.0	28.7	60.5
141900	419	2546	6395	32090	20360	28870	12820	207	151	382	15270
377	20.5	50.5	80.0	179	143	170	113	14.4	12.3	19.5	124
2.54	1.13	1.04	2.25	2.26	1.04	1.71	2.41	2.31	0.46	2.18	2.80
2.08	0.82	1.05	1.38	1.72	1.16	1.34	1.63	1.15	0.53	0.68	2.04
21.1	2.89	5.61	6.72	12.1	14.3	14.8	8.08	1.45	2.67	3.34	7.04

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
59.0	6253	79.1	2.28	1.34	-0.223

GILA RIVER BASIN

135

09444500 SAN FRANCISCO RIVER AT CLIFTON, AZ

LOCATION.--Lat 33°02'58", long 109°17'43", in SW¼SE¼ sec.30, T.4 S., R.30 E., Greenlee County, Hydrologic Unit 15040004, on downstream side of right pier at Railroad Boulevard Bridge (U.S. Highway 666), at Clifton, 9.9 mi (15.9 km) upstream from mouth.

DRAINAGE AREA.--2,766 mi² (7,164 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK, FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1891	65000	02-21-91	HP			1928	80700
1905	60000	01-10-05	HP			1929	91200
1906	65000	11-27-05	HP			1930	90600
1907	70000	12-03-06	HP	1870		1931	124000
1911	15000	03-07-11				1932	264000
1912	20000	03-10-12				1933	107000
1913	10000	07-0-13				1936	98400
1914	5000	07-04-14				1937	183000
1915	23000	12-20-14				1938	74900
1916	59000	01-16-16				1939	65400
1917	60000	10-13-16				1940	89600
1918	3000	-	ES			1941	390000
1919	15000	-	ES			1942	140000
1920	5500	-	ES			1943	56800
1921	16000	-	ES			1944	50900
1922	3500	-	ES			1945	93900
1923	10000	-	ES			1946	49400
1924	10000	-	ES			1947	46100
1925	16000	-	ES			1948	60700
1926	5000	-	ES			1949	261000
1927	4060	09-12-27				1950	38100
1928	3380	07-15-28				1951	30400
1929	5200	09-23-29				1952	189000
1930	3420	08-11-30				1953	42500
1931	3330	09-29-31				1954	72800
1932	10000	02-10-32				1955	64200
1933	3600	07-23-33				1956	33400
1934	11700	08-26-34				1957	93300
1935	2450	09-01-35				1958	252000
1936	3700	02-17-36				1959	82600
1937	12400	02-08-37				1960	166000
1938	4540	03-04-38				1961	51000
1939	1230	04-06-39				1962	234000
1940	8700	09-06-40				1963	142000
1941	8700	12-31-40				1964	83300
1942	7930	12-11-41				1965	91600
1943	1580	03-05-43				1966	337000
1944	3800	09-26-44				1967	135000
1945	2620	08-22-45				1968	334000
1946	1380	09-05-46				1969	62600
1947	5860	08-23-47				1970	56200
1948	5850	06-01-48				1971	44800
1949	24100	01-13-49				1972	119000
1950	825	07-27-50				1973	512000
1951	735	08-29-51				1974	36200
1952	15800	01-19-52				1975	157000
1953	6090	08-18-53					
1954	7280	08-07-54					
1955	8450	07-23-55					
1956	5820	10-04-55					
1957	5230	07-26-57					
1958	7000	09-12-58					
1959	11600	08-28-59					
1960	11800	01-12-60					
1961	7100	09-10-61			6.30		
1962	14300	09-26-62			8.20		
1963	12200	10-18-62			7.47		
1964	8670	07-31-64			6.45		
1965	5640	08-02-65			5.66		
1966	30500	12-23-65			11.00		
1967	34700	08-12-67			11.8		
1968	9480	12-20-67			8.02		
1969	1270	09-01-69			3.50		
1970	902	10-21-69			3.05		
1971	5420	10-04-70			6.15		
1972	9200	10-25-71			7.70		
1973	64000	10-20-72		1907	17.0		
1974	964	07-21-74			4.36		
1975	30000	09-09-75			12.0		

HP Isolated historic peak; not part of systematic record.
ES Discharge estimated from another site.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1928					14	11	27	16	113	45	29	44	15	24	11	10	6					1														
1929				18	7	12	21	17	98	92	31	11	15	6	19	4	2	1	3	1	5	1	1													
1930					5	14	18	28	57	128	20	11	20	21	21	11	4	3	2	1																
1931							2	13	61	76	27	23	47	46	24	9	11	6	6	6	3	1	2	1	1											
1932								3	18	25	35	40	50	48	30	14	11	19	7	22	21	13	4	1	3											
1933									19	115	47	56	52	24	8	12	11	7	7	3	1	2														
1936					8	9	10	45	86	59	28	16	24	32	28	11	6				1	1	1													
1937								17	34	73	68	46	15	13	13	11	11	25	14	7	6	3	3	2	1	1	1	1	1	1	1	1	1	1		
1938					4	7	31	45	128	41	37	26	18	12	8	3				2	1	1														
1939		1	1	20	9	29	54	72	79	30	21	9	6	6	10	7	4	2	3	2																
1940					14	19	12	47	100	51	31	32	27	10	10	1	4	2					3		2	1										
1941									6	47	32	32	25	24	14	19	20	16	24	34	23	24	11	4	5											
1942						5	22	21	27	17	16	21	44	54	53	33	36	9	3	1			1													
1943				1	4	12	26	29	67	100	55	40	10	13		3	1	1	1	1			1													
1944					2	5	19	21	30	77	150	35	8	4	5	3	1	2	1	1	1	1														
1945						7	19	34	42	46	51	33	42	21	8	27	24	9	1	1																
1946																																				
1947						28	12	19	40	115	76	20	17	10	10	6	8	3	1																	
1948						6	49	28	34	83	127	12	4	10	4	2	2	1																		
1949				4	14	25	39	46	132	16	5	29	12	10	5	7	7	14																		
1950								1	7	13	23	61	30	32	22	12	21	20	16	20	23	21	13	12	6	3	3	2	1	1				1	1	
1951				1	4	18	35	25	30	83	138	14	10	3	3																					
1952																																				
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1974																																				
1975																																				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	16802	100.0	12	93.0	1229	5924	35.3	24	1800	77	171	1.0
1	5.00	3	16802	100.0	13	120.0	912	4695	27.9	25	2300	12	94	.5
2	7.80	21	16799	100.0	14	150.0	832	3783	22.5	26	3000	14	52	.3
3	10.00	30	16778	99.9	15	200.0	628	2951	17.6	27	3900	12	38	.2
4	13.00	79	16748	99.7	16	250.0	541	2323	13.8	28	4900	10	26	.1
5	16.00	341	16669	99.2	17	320.0	450	1782	10.6	29	6300	6	16	
6	21.00	565	16328	97.2	18	410.0	343	1332	7.9	30	8100	2	10	
7	27.00	1049	15663	93.2	19	530.0	219	989	5.9	31	10000	2	8	
8	35.00	1446	14614	87.0	20	680.0	201	770	4.6	32	13000	3	6	
9	44.00	2718	13168	78.4	21	870.0	160	569	3.4	33	17000	2	3	
10	57.00	2909	10450	62.2	22	1100.0	150	409	2.4	34	22000	1	1	
11	73.00	1617	7541	44.9	23	1400.0	88	259	1.5					

GILA RIVER BASIN

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09444500 SAN FRANCISCO RIVER AT CLIFTON, AZ--CONTINUED

LOWEST MEAN VALUE AND PANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CURIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1928	23.00 36	23.00 33	24.00 31	24.00 26	29.00 25	47.00 33	70.00 39	71.00 33	105.00 30
1929	17.00 23	18.00 23	19.00 22	19.00 13	21.00 10	36.00 21	45.00 22	60.00 26	66.00 19
1930	22.00 34	22.00 29	25.00 35	28.00 33	39.00 38	45.00 31	75.00 42	76.00 35	101.00 29
1931	34.00 44	35.00 44	36.00 44	38.00 41	47.00 42	54.00 39	58.00 31	59.00 25	115.00 31
1932	41.00 46	42.00 46	44.00 46	45.00 45	53.00 45	80.00 47	127.00 46	150.00 48	220.00 44
1933	45.00 47	46.00 47	49.00 47	54.00 47	67.00 48	69.00 45	74.00 41	77.00 36	126.00 35
1936	21.00 29	23.00 34	24.00 32	26.00 29	36.00 34	49.00 34	60.00 32	70.00 31	126.00 36
1937	35.00 45	36.00 45	36.00 45	40.00 43	48.00 44	61.00 42	64.00 37	72.00 34	160.00 38
1938	25.00 39	26.00 38	28.00 39	31.00 38	37.00 35	57.00 40	63.00 35	62.00 28	95.00 28
1939	12.00 7	14.00 11	16.00 9	17.00 10	21.00 11	27.00 11	38.00 15	49.00 21	88.00 26
1940	21.00 30	23.00 35	24.00 33	26.00 30	39.00 39	46.00 32	53.00 28	66.00 30	94.00 27
1941	52.00 48	53.00 48	55.00 48	59.00 48	61.00 47	101.00 48	144.00 47	149.00 47	411.00 47
1942	24.00 37	25.00 37	26.00 36	28.00 34	31.00 28	40.00 26	57.00 30	71.00 32	123.00 33
1943	15.00 14	16.00 14	18.00 16	22.00 22	28.00 21	37.00 22	47.00 24	57.00 24	63.00 18
1944	15.00 15	16.00 15	18.00 17	20.00 17	25.00 19	34.00 18	40.00 17	44.00 18	52.00 15
1945	21.00 31	22.00 30	25.00 34	28.00 35	34.00 31	40.00 27	70.00 40	78.00 37	123.00 34
1946	16.00 21	16.00 16	16.00 10	16.00 5	18.00 5	23.00 7	28.00 7	34.00 8	44.00 8
1947	19.00 26	20.00 26	21.00 23	22.00 23	23.00 14	24.00 8	27.00 4	31.00 4	39.00 5
1948	15.00 16	15.00 12	16.00 11	17.00 11	20.00 8	29.00 24	43.00 20	44.00 19	74.00 21
1949	19.00 27	21.00 27	23.00 27	26.00 31	31.00 29	42.00 29	88.00 45	110.00 45	188.00 42
1950	12.00 8	13.00 7	15.00 8	16.00 6	19.00 6	24.00 9	31.00 11	37.00 10	45.00 9
1951	12.00 9	13.00 8	13.00 4	15.00 4	17.00 3	22.00 4	28.00 8	31.00 5	36.00 3
1952	22.00 35	23.00 31	23.00 28	25.00 27	47.00 43	61.00 41	61.00 33	86.00 42	193.00 43
1953	16.00 22	16.00 17	19.00 18	21.00 20	22.00 12	34.00 19	43.00 21	45.00 20	58.00 16
1954	18.00 24	18.00 24	19.00 19	20.00 18	23.00 15	27.00 12	29.00 9	31.00 6	87.00 25
1955	9.50 4	9.50 3	11.00 3	14.00 2	20.00 9	23.00 5	27.00 5	30.00 3	36.00 4
1956	8.00 2	8.10 1	8.10 1	9.10 1	10.00 1	13.00 1	18.00 1	24.00 1	31.00 1
1957	15.00 17	16.00 18	17.00 12	19.00 14	24.00 16	26.00 10	28.00 6	41.00 15	50.00 14
1958	21.00 32	23.00 36	24.00 29	30.00 36	36.00 32	49.00 35	66.00 38	79.00 39	331.00 46
1959	13.00 10	13.00 4	15.00 5	17.00 7	19.00 7	23.00 6	30.00 10	34.00 7	43.00 6
1960	15.00 18	17.00 21	19.00 20	19.00 15	28.00 22	39.00 25	39.00 16	40.00 14	75.00 22
1961	13.00 11	16.00 19	21.00 24	25.00 28	28.00 23	33.00 17	34.00 12	39.00 11	48.00 12
1962	21.00 33	22.00 32	26.00 37	34.00 39	37.00 36	51.00 38	54.00 29	55.00 22	164.00 39
1963	15.00 19	16.00 20	19.00 21	21.00 21	29.00 24	32.00 16	46.00 23	78.00 38	138.00 37
1964	13.00 12	15.00 13	17.00 13	20.00 19	22.00 13	29.00 13	42.00 19	44.00 16	49.00 13
1965	19.00 28	20.00 25	22.00 26	23.00 24	30.00 26	49.00 36	52.00 26	81.00 40	121.00 32
1966	26.00 40	27.00 39	28.00 38	28.00 32	32.00 30	42.00 30	80.00 43	100.00 43	178.00 41
1967	12.00 5	13.00 5	17.00 14	19.00 16	24.00 17	29.00 14	34.00 13	39.00 12	45.00 10
1968	27.00 41	30.00 42	35.00 43	52.00 46	58.00 46	67.00 44	147.00 48	131.00 46	269.00 45
1969	16.00 20	18.00 22	21.00 25	24.00 25	30.00 27	41.00 28	50.00 25	57.00 23	80.00 23
1970	14.00 13	14.00 9	15.00 6	17.00 8	24.00 18	36.00 20	53.00 27	61.00 27	70.00 20
1971	6.10 1	8.30 2	11.00 2	15.00 3	18.00 4	21.00 2	24.00 2	29.00 2	36.00 2
1972	8.50 3	13.00 6	17.00 15	18.00 12	26.00 20	32.00 15	35.00 14	40.00 13	58.00 17
1973	27.00 42	29.00 40	34.00 41	40.00 44	44.00 40	71.00 46	87.00 44	106.00 44	568.00 48
1974	12.00 6	14.00 10	15.00 7	17.00 9	17.00 2	21.00 3	27.00 3	35.00 9	44.00 7
1975	25.00 38	30.00 41	35.00 42	38.00 42	47.00 41	66.00 43	64.00 36	83.00 41	171.00 40

09444500 SAN FRANCISCO RIVER AT CLIFTON, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1928	1040.0 35	609.0 37	428.0 35	330.0 32	265.0 33	207.0 33	161.0 33	143.0 33	144.0 27
1929	1910.0 27	1410.0 24	1260.0 17	820.0 17	546.0 18	395.0 17	294.0 20	227.0 22	175.0 22
1930	1730.0 28	1130.0 28	770.0 27	442.0 29	385.0 26	259.0 27	194.0 30	158.0 30	173.0 23
1931	2630.0 20	1630.0 20	916.0 22	687.0 22	438.0 22	383.0 19	301.0 19	239.0 20	227.0 16
1932	5630.0 12	4530.0 8	2700.0 9	1890.0 8	1680.0 5	1260.0 5	973.0 7	775.0 7	574.0 6
1933	2170.0 25	1550.0 23	1030.0 21	708.0 20	574.0 17	392.0 18	306.0 17	255.0 17	203.0 19
1936	2010.0 26	1300.0 26	821.0 24	546.0 23	388.0 25	318.0 23	289.0 21	242.0 18	189.0 20
1937	6980.0 8	3620.0 12	1930.0 14	1730.0 10	1080.0 11	923.0 8	751.0 8	598.0 10	425.0 10
1938	2830.0 18	1580.0 21	848.0 23	535.0 24	347.0 30	232.0 32	181.0 32	151.0 31	130.0 30
1939	936.0 37	830.0 33	619.0 29	473.0 26	429.0 23	266.0 25	200.0 27	166.0 27	127.0 32
1940	2450.0 22	1330.0 25	769.0 28	471.0 27	382.0 27	259.0 26	194.0 28	159.0 29	136.0 28
1941	6030.0 11	4180.0 10	2770.0 8	1880.0 9	1380.0 9	1260.0 6	1120.0 4	1040.0 4	909.0 2
1942	3160.0 17	2150.0 17	1190.0 19	697.0 21	449.0 21	358.0 21	304.0 18	317.0 14	281.0 14
1943	1100.0 34	758.0 35	441.0 33	288.0 36	196.0 35	140.0 35	120.0 36	109.0 35	92.0 36
1944	1160.0 33	932.0 29	551.0 31	293.0 34	168.0 38	136.0 36	109.0 37	88.0 38	76.0 38
1945	680.0 39	443.0 39	415.0 37	401.0 31	377.0 28	333.0 22	267.0 22	232.0 21	186.0 21
1946	440.0 42	295.0 42	271.0 40	213.0 39	189.0 36	153.0 34	123.0 34	97.0 36	76.0 39
1947	1680.0 29	849.0 32	471.0 32	272.0 37	180.0 37	120.0 40	90.0 41	73.0 40	66.0 41
1948	577.0 40	464.0 38	440.0 34	420.0 30	368.0 29	253.0 29	194.0 29	164.0 28	125.0 33
1949	12400.0 5	8330.0 4	4160.0 5	2770.0 3	1600.0 6	1190.0 7	1010.0 6	875.0 5	635.0 5
1950	255.0 46	179.0 46	159.0 46	125.0 46	100.0 45	67.0 46	65.0 45	63.0 44	61.0 43
1951	518.0 41	392.0 40	244.0 43	137.0 44	100.0 46	71.0 45	54.0 46	48.0 46	46.0 46
1952	13200.0 4	7520.0 5	4770.0 3	2600.0 4	1410.0 8	783.0 10	664.0 10	612.0 9	451.0 9
1953	705.0 38	332.0 41	261.0 41	179.0 42	132.0 42	100.0 42	80.0 42	70.0 42	77.0 37
1954	4830.0 14	2680.0 15	1370.0 19	712.0 19	390.0 24	243.0 30	185.0 31	147.0 32	166.0 25
1955	1510.0 30	1160.0 27	807.0 26	528.0 25	481.0 20	372.0 20	260.0 23	201.0 24	144.0 26
1956	2220.0 24	862.0 31	417.0 36	219.0 38	129.0 43	83.0 43	72.0 43	65.0 43	61.0 44
1957	2280.0 23	1880.0 18	1260.0 16	1050.0 15	803.0 14	524.0 13	365.0 15	283.0 16	209.0 17
1958	5550.0 13	4070.0 11	3020.0 6	2380.0 6	1720.0 4	1430.0 3	1040.0 5	804.0 6	557.0 7
1959	2710.0 19	1680.0 19	1230.0 18	861.0 16	514.0 19	317.0 24	228.0 25	176.0 25	128.0 31
1960	8120.0 7	4470.0 9	2490.0 10	1340.0 13	920.0 12	605.0 12	609.0 11	532.0 11	411.0 11
1961	1270.0 32	895.0 30	599.0 30	317.0 33	214.0 34	132.0 37	99.0 39	83.0 39	75.0 40
1962	6750.0 9	2960.0 13	2190.0 12	1600.0 11	1120.0 10	713.0 11	705.0 9	629.0 8	528.0 8
1963	4390.0 15	2160.0 16	1100.0 20	818.0 18	613.0 16	451.0 15	313.0 16	242.0 19	203.0 18
1964	2580.0 21	1560.0 22	820.0 25	444.0 28	342.0 31	234.0 31	217.0 26	169.0 26	130.0 29
1965	969.0 36	670.0 36	400.0 38	289.0 35	287.0 32	255.0 28	235.0 24	222.0 23	173.0 24
1966	21900.0 2	11600.0 2	5910.0 2	4850.0 1	2790.0 1	1530.0 2	1280.0 2	1170.0 2	842.0 3
1967	20300.0 3	9380.0 3	4640.0 3	2530.0 5	1470.0 7	833.0 9	590.0 12	450.0 12	309.0 12
1968	3760.0 16	2680.0 14	2100.0 13	1920.0 7	1730.0 3	1400.0 4	1240.0 3	1070.0 3	887.0 4
1969	399.0 43	280.0 43	251.0 42	212.0 40	160.0 39	126.0 38	121.0 35	116.0 34	104.0 34
1970	326.0 45	231.0 44	176.0 44	157.0 43	139.0 41	118.0 41	105.0 38	95.0 37	92.0 35
1971	1420.0 31	764.0 34	381.0 39	208.0 41	153.0 40	121.0 39	90.0 40	72.0 41	64.0 42
1972	6240.0 10	4600.0 7	2330.0 11	1230.0 14	711.0 15	418.0 16	381.0 13	329.0 13	243.0 15
1973	34500.0 1	19100.0 1	9390.0 1	4730.0 2	2600.0 2	1620.0 1	1500.0 1	1220.0 1	976.0 1
1974	329.0 44	230.0 45	173.0 45	126.0 45	104.0 44	79.0 44	72.0 44	62.0 45	57.0 45
1975	11800.0 6	5670.0 6	2950.0 7	1530.0 12	816.0 13	475.0 14	376.0 14	312.0 15	291.0 13

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
154	81.7	176	206	249	342	276	138	47.1	90.0	209	153
134600	2914	126000	106300	123200	160500	118300	44800	1081	2873	51920	21770
367	54.0	355	326	351	401	344	212	32.9	53.6	228	148
5.96	2.22	5.16	2.84	2.34	1.58	2.55	4.11	2.39	1.28	3.30	2.45
2.38	0.66	2.02	1.58	1.41	1.17	1.25	1.53	0.70	0.60	1.09	0.96
7.28	3.85	8.29	9.71	11.7	16.1	13.0	6.50	2.22	4.24	9.84	7.22

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
177	21010	145	1.85	0.82	-0.118

GILA RIVER BASIN

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09445500 WILLOW CREEK NEAR POINT OF PINES, NEAR MORENCI, AZ

LOCATION.--Lat 33°22'45", long 109°39'00", in NW¼ sec.2, T.1 S., R.26 E. (unsurveyed), in San Carlos Indian Reservation, on right bank at head of Box Canyon, 4 mi (6.4 km) east of Point of Pines, 10 mi (16.1 km) west of Double Circle Ranch, and 23 mi (37.0 km) north-west of Morenci.

DRAINAGE AREA.--102 mi² (264 km²).

WATER YEAR	ANNUAL PEAK DISCH., CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK, FT	CODE	ANNUAL MAX GAGE HT., FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1945	168	03-26-45	3.95	NM	3.99	07-28-45	1945	5720
1946	1370	07-10-46	7.96				1946	6310
1947	917	08-12-47	6.90				1947	9590
1948	410	08-20-48	5.25				1948	9130
1949	744	01-13-49	6.37				1949	10700
1950	23	07-01-50	2.86				1950	7630
1951	861	08-05-51	6.75				1951	7210
1952	2590	01-13-52	10.1				1952	15700
1953	365	07-08-53	5.04				1953	5830
1954	1410	03-23-54	8.00				1954	9150
1955	1140	08-10-55	7.44				1955	6900
1956	440	10-02-55	5.32				1956	6730
1957	459	08-24-57	5.38				1957	5920
1958	727	03-22-58	6.32				1958	10500
1959	1920	08-01-59	9.0				1959	5610
1960	1140	01-11-60	7.4				1960	12800
1961	245	08-17-61	4.40				1961	1850
1962	195	01-24-62	4.12				1962	9460
1963	825	08-21-63	6.6				1963	4170
1964	435	07-22-64	5.28				1964	728
1965	294	01-07-65	4.65				1965	8940
1966	3710	12-30-65	11.7				1966	23300
1967	895	09-04-67	6.80				1967	8090

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1945	151	6	4	1	2	2	4	1	2	2	5	5	6	3	10	21	49	76	7	4	1	2	1													
1946	170	8	1		1	1		1	2	1		1	4	1	7	7	35	113	9	2							1									
1947	80	2	1	2		1									1	2	56	210	6		2		1	1												
1948	75	5		1										1	1	14	97	167	5																	
1949	17	5	3	4	1	2	5	5	2	6	2	6	5	5	18	69	132	61	5	4	2	2	1	1	1					1						
1950	90	1			1		1					1	1	4	2	46	155	63																		
1951	113		1							2	2	2		3	13	44	105	76	2	1				1												
1952	33	4	5	6	2	5		4	2		3	4	1	5	48	43	117	41	11	9	5	10	2		1			1	1	1	1	1				
1953	101	3		1				2			1	1	10	23	116	95	11				1															
1954	58		1	1							1	9	27	10	36	66	99	43	6	1	2	2	1				1									
1955	60	2		2	1	1						3	60	8	21	42	126	35	1	1	1	1	1													
1956	43		1				12	14			1	25	20	12	27	50	106	54		1																
1957	43	3	1	1	1		1	1		2	17	19	18	27	6	54	87	72	5	3	3					1										
1958	94	2	1	1	1	1		1						3	8	55	106	42	5	12	9	6	5	2	4	3	1	1	2							
1959	164		1		1	1				1			2	40	9	38	27	33	38		2	2	1	1	2		1									
1960	79	4	1	1			3	1	2		1	7	12	12	7	39	30	56	63	11	6	12	8	5		1		2	2					1		
1961	242	12	3	5	1	2		1	1	2	1	6	26	4	11	14	20	14																		
1962	63	4	8	6	3	5		10	5	11	6	3	6	5	6	48	78	46	10	10	21	9		2												
1963	210	12	6	1	2	3	2	6	3	9	1	8	1	4	6	19	41	15	4	4		1	3	2	2											
1964	328	1	3	1		1	1		3	1	3	1			4	3	9		2	4		1														
1965	102		1			1		2	4	5	4	2	8	2	17	27	54	91	24	11	5	3		1	1											
1966	21		2	1						4	9	8	19	4	7	23	43	87	83	9	4	18	7	7	1	2	2	1			2			1		
1967	3		1		1			2	7	16	5	13	12	107	15	28	41	56	57	1																

NM Not maximum gage height for water year.

09445500 WILLOW CREEK NEAR POINT OF PINES, NEAR MORENCI, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--Continued

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2340	8400	100.0	12	3.9	288	5469	65.1	24	110	11	39	.4
1	0.10	74	6060	72.1	13	5.1	298	5181	61.7	25	150	5	28	.3
2	0.20	45	5986	71.3	14	6.8	459	4973	59.2	26	200	6	23	.2
3	0.30	35	5941	70.7	15	9.0	932	4514	53.7	27	260	7	17	.2
4	0.40	18	5906	70.3	16	12.0	1661	3582	42.6	28	350	1	10	.1
5	0.50	26	5888	70.1	17	16.0	1372	1921	22.9	29	460	2	9	.1
6	0.70	29	5862	69.8	18	21.0	260	549	6.5	30	620	5	7	
7	0.90	51	5833	69.4	19	28.0	78	289	3.4	31	820	1	2	
8	1.30	35	5782	68.8	20	37.0	65	211	2.5	32	1100	1	1	
9	1.70	78	5747	68.4	21	49.0	61	146	1.7	33				
10	2.20	70	5669	67.5	22	65.0	26	85	1.0	34				
11	2.90	130	5599	66.7	23	86.0	20	59	0.7					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1945	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.01 9	0.01 3	3.00 4
1946	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.02 11	0.02 5	0.71 2
1947	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.54 12	3.70 16	8.10 13
1948	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	1.40 15	4.50 17	8.40 15
1949	0.00 5	0.00 5	0.00 5	0.53 22	5.00 23	8.80 23	9.80 22	10.00 20	11.00 16
1950	0.00 6	0.00 6	0.00 6	0.00 5	0.00 5	0.00 5	0.00 1	3.20 15	7.20 12
1951	0.00 7	0.00 7	0.00 7	0.00 6	0.00 6	0.00 6	0.00 2	0.68 8	5.50 10
1952	0.00 8	0.00 8	0.00 8	0.00 7	0.28 20	4.90 21	7.80 20	13.00 22	14.00 22
1953	0.00 9	0.00 9	0.00 9	0.00 8	0.00 7	0.00 7	0.00 3	0.48 7	4.10 6
1954	0.00 10	0.00 10	0.00 10	0.00 9	0.00 8	0.33 16	1.40 16	2.60 13	11.00 17
1955	0.00 11	0.00 11	0.00 11	0.00 10	0.00 9	0.00 8	1.70 18	2.60 14	6.30 11
1956	0.00 12	0.00 12	0.00 12	0.00 11	0.00 10	0.54 17	1.10 14	2.20 11	4.90 8
1957	0.00 13	0.00 13	0.00 13	0.00 12	0.00 11	1.00 18	1.50 17	2.10 10	4.10 7
1958	0.00 14	0.00 14	0.00 14	0.00 13	0.00 12	0.00 9	0.00 4	1.70 9	12.00 19
1959	0.00 15	0.00 15	0.00 15	0.00 14	0.00 13	0.00 10	0.00 5	0.00 1	4.00 5
1960	0.00 16	0.00 16	0.00 16	0.00 15	0.00 14	1.40 19	8.70 21	12.00 21	13.00 20
1961	0.00 17	0.00 17	0.00 17	0.00 16	0.00 15	0.00 11	0.00 6	0.01 4	1.19 3
1962	0.00 18	0.00 18	0.00 18	0.00 17	0.06 19	0.12 15	0.54 13	4.60 18	13.00 21
1963	0.00 19	0.00 19	0.00 19	0.00 18	0.00 16	0.00 12	0.01 10	0.42 6	5.20 9
1964	0.00 20	0.00 20	0.00 20	0.00 19	0.00 17	0.00 13	0.00 7	0.00 2	0.00 1
1965	0.00 21	0.00 21	0.00 21	0.00 20	0.00 18	0.00 14	0.00 8	2.60 12	8.30 14
1966	0.00 22	0.00 22	0.00 22	0.00 21	3.20 22	5.80 22	18.00 23	19.00 23	19.00 23
1967	0.00 23	0.00 23	1.80 23	2.00 23	3.10 21	4.00 20	4.90 19	7.20 19	11.00 18

GILA RIVER BASIN

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09445500 WILLOW CREEK NEAR POINT OF PINES, NEAR MORENCI, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1945	71.0 15	59.0 13	44.0 11	25.0 13	19.0 15	17.0 15	16.0 13	15.0 13	14.0 12
1946	158.0 8	69.0 10	42.0 12	30.0 11	25.0 10	22.0 9	21.0 7	17.0 10	12.0 18
1947	87.0 13	41.0 14	28.0 14	23.0 16	22.0 12	21.0 10	20.0 8	19.0 8	18.0 8
1948	28.0 21	25.0 17	21.0 18	19.0 18	19.0 16	18.0 13	18.0 11	17.0 11	17.0 9
1949	518.0 5	255.0 5	125.0 6	70.0 6	38.0 7	25.0 7	20.0 9	18.0 9	16.0 10
1950	19.0 22	18.0 22	18.0 20	17.0 19	17.0 17	16.0 16	16.0 14	15.0 14	14.0 13
1951	75.0 14	37.0 15	28.0 15	24.0 14	21.0 13	17.0 14	15.0 17	15.0 15	15.0 11
1952	1080.0 2	586.0 2	405.0 2	205.0 2	119.0 2	61.0 2	50.0 2	42.0 2	32.0 2
1953	46.0 17	24.0 18	18.0 21	15.0 22	14.0 21	13.0 21	13.0 21	12.0 21	12.0 19
1954	686.0 3	323.0 4	153.0 5	79.0 5	47.0 5	28.0 6	24.0 6	21.0 6	19.0 6
1955	69.0 16	32.0 16	26.0 16	20.0 17	16.0 19	15.0 17	15.0 18	14.0 16	13.0 14
1956	30.0 19	22.0 20	17.0 22	17.0 20	16.0 20	15.0 18	14.0 19	14.0 17	13.0 15
1957	133.0 10	60.0 12	35.0 13	25.0 12	17.0 18	14.0 20	13.0 20	13.0 20	12.0 20
1958	326.0 6	208.0 6	189.0 4	125.0 3	81.0 3	53.0 4	38.0 4	32.0 4	24.0 4
1959	272.0 7	122.0 7	83.0 7	48.0 8	36.0 8	20.0 11	16.0 15	14.0 18	13.0 16
1959	677.0 4	413.0 3	211.0 3	106.0 4	77.0 4	54.0 3	44.0 3	36.0 3	28.0 3
1961	17.0 23	17.0 23	16.0 23	14.0 23	11.0 22	6.1 22	5.6 22	4.2 22	4.2 22
1962	96.0 12	81.0 9	59.0 9	50.0 7	44.0 6	31.0 5	28.0 5	25.0 5	21.0 5
1963	136.0 9	101.0 8	64.0 8	39.0 9	25.0 11	15.0 19	15.0 16	13.0 19	8.5 21
1964	37.0 18	22.0 21	20.0 19	16.0 21	11.0 23	5.8 23	4.1 23	3.1 23	2.0 23
1965	126.0 11	65.0 11	45.0 10	36.0 10	26.0 9	23.0 8	20.0 10	19.0 7	18.0 7
1966	2130.0 1	997.0 1	468.0 1	320.0 1	179.0 1	93.0 1	77.0 1	66.0 1	50.0 1
1967	29.0 20	24.0 19	24.0 17	24.0 15	21.0 14	19.0 12	17.0 12	16.0 12	12.0 17

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
9.57	6.82	11.1	11.8	6.12	17.0	12.8	11.9	12.1	12.0	15.0	10.4
43.4	33.0	1038	628	99.6	335	31.4	23.4	35.1	35.5	38.8	38.8
6.59	5.75	32.2	25.1	9.98	18.3	5.61	4.83	5.93	5.96	6.23	6.23
-0.42	0.38	4.56	2.82	1.52	2.01	-1.00	-1.05	-0.87	-0.14	0.99	-0.45
0.69	0.84	2.90	2.12	1.63	1.08	0.44	0.41	0.49	0.50	0.42	0.60
7.01	4.99	8.12	8.64	4.48	12.5	9.37	8.69	8.88	8.77	11.0	7.60

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
11.5	40.3	6.35	1.56	0.55	-0.109

GILA RIVER BASIN

09446000 WILLOW CREEK NEAR DOUBLE CIRCLE RANCH, NEAR MORENCI, AZ

LOCATION.--Lat 33°21'15", long 109°31'30", in NE¼ sec.13, T.1 S., R.27 E. (unsurveyed), in San Carlos Indian Reservation, on left bank 1 mi (1.6 km) upstream from lower end of Box Canyon, 2.25 mi (3.62 km) northwest of Double Circle Ranch, 2.5 mi (4.0 km) upstream from mouth, and 19 mi (30.6 km) northwest of Morenci.

DRAINAGE AREA.--149 mi² (386 km²).

WATER YEAR	ANNUAL PEAK DISCH, CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK, FT	CODE	ANNUAL MAX GAGE HT, FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1944	1100	09-28-44		5.90				1945	63000
1945	134	03-27-45		4.20				1946	63500
1946	1220	07-10-46		6.03				1947	99900
1947	612	07-22-47		5.37				1948	91400
1948	147	08-20-48		4.33				1949	122000
1949	2010	01-13-49		6.49	NM	6.60	07-19-49	1950	76400
1950	24	12-11-49		3.56				1951	77800
1951	1350	08-05-51		7.1				1952	196000
1952	4230	01-13-52		7.62				1953	57500
1953	191	07-08-53		4.95				1954	94200
1954	1610	03-23-54		7.00				1955	75300
1955	2840	08-06-55		7.72				1956	69500
1956	122	10-03-55		5.63				1957	70700
1957	630	08-24-57		6.2				1958	131000
1958	1640	03-22-58		6.84				1959	73900
1959	3520	08-01-59		8.2				1960	169000
1960	2380	01-11-60		7.65				1961	25400
1961	950	09-11-61		6.58				1962	10900
1962	378	01-25-62		5.77				1963	5920
1963	1020	08-22-63		6.65				1964	2060
1964	2040	07-31-64		7.44				1965	10400
1965	4880	08-01-65		9.47				1966	30600
1966	7500	12-30-65		9.00				1967	9360
1967	1750	07-24-67		5.86					
1973	6500	10-20-72	HP	8.62					

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1945										5	21	24	47	36	24	14	12	8	11	35	103	12	8	2	2	1										
1946					1	2	9		4	8	11	15	74	33	23	7	8	4	6	8	90	56	4			1		1								
1947													5	69	4	3	4	1	2	1	218	49	3	4			2									
1948														27	50	3	1		2	37	228	16	2													
1949												1		3	8	21	11	16	15	121	127	19	9	6	3	2	1	1						1		
1950												10	35	37	6	4	2	3	5	81	175	7														
1951													1	83	29	1	6	5	11	76	112	34	4				2									
1952													20	16	19	5	8	19	139	88	14	11	11	5				1		1		2	1	1		
1953													40	45	18	4	1	11	28	179	36	2	1													
1954												3	19	29	7	5	7	32	50	111	82	9	4	2	2		1									
1955													12	40	9	2	21	42	20	96	103	16	2				1									
1956													3	14	24	19	34	31	28	80	132		1													
1957														36	26	34	42	33	128	54		3	4	2	2											
1958														61	25	11	2	3	72	110	22	17	11	9	9		5	4		1	2	1				
1959							7		15	11	4	2	1	56	67	19	12	18	36	36	34	31	3	4	2	2	2	1	1	1						
1960									5	4	16	3	4	31	15	8	9	20	24	73	83	26	11	13	9	6	1									
1961	49	3	3	7	16	35	100	25	9	22	23	16	7	31	15	2	1	1																		
1962						6	27	26	22	23	15	20	116	55	14	14	22	2	2			1														
1963			5	12	13	23	36	39	45	47	17	14	8	17	46	19	8	4	6	2	1															
1964		37	4	11	1	20	63	90	75	24	6	5	2	4	14	2	3	3																		
1965						41	57		1	5	15	8	12	54	123	27	14	2	3			2	1													
1966								17	4	5	17	16	18	46	126	63	12	13	12	6	2	3					1	1								
1967						1		1	1	5	14	24	71	56	70	53	64	1	3																	

NM Not maximum gage height for water year.

HP Isolated historic peak; not part of systematic record.

09446000 WILLOW CREEK NEAR DOUBLE CIRCLE RANCH, NEAR MORENCI, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--Continued

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	86	8400	100.0	12	7.3	375	6892	82.0	24	540	35	98	1.1
1	0.10	12	8314	99.0	13	10.0	961	6517	77.6	25	770	27	63	.7
2	0.20	26	8302	98.8	14	15.0	754	5556	66.1	26	1100	11	36	.4
3	0.30	21	8276	98.5	15	21.0	347	4802	57.2	27	1600	4	25	.2
4	0.40	61	8255	98.3	16	31.0	218	4455	53.0	28	2300	5	21	.2
5	0.60	136	8194	97.5	17	44.0	291	4237	50.4	29	3200	6	16	.1
6	0.90	293	8058	95.9	18	63.0	381	3946	47.0	30	4600	2	10	.1
7	1.20	247	7765	92.4	19	90.0	1320	3565	42.4	31	6600	5	8	
8	1.80	140	7518	89.5	20	130.0	1695	2245	26.7	32	9400	2	3	
9	2.50	119	7378	87.8	21	180.0	318	550	6.5	33	14000	1	1	
10	3.60	173	7259	86.4	22	260.0	78	232	2.8	34				
11	5.10	194	7086	84.4	23	380.0	56	154	1.8					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1945	3.00 11	3.00 11	3.30 11	4.00 11	4.60 8	9.00 10	9.20 8	9.30 7	46.00 9
1946	0.40 5	0.63 4	0.79 4	1.50 7	6.90 11	8.00 8	8.30 7	9.20 6	13.00 6
1947	9.00 18	9.00 17	9.70 16	10.00 16	10.00 16	11.00 13	18.00 15	49.00 19	89.00 17
1948	11.00 20	12.00 21	13.00 20	14.00 21	14.00 19	15.00 17	27.00 18	55.00 20	89.00 18
1949	7.00 12	14.00 22	18.00 23	26.00 23	72.00 23	101.00 23	106.00 22	105.00 21	127.00 21
1950	7.00 13	7.00 12	7.30 12	7.70 12	7.80 12	8.80 9	10.00 9	39.00 18	76.00 16
1951	9.00 19	9.70 18	9.90 17	10.00 17	11.00 17	12.00 14	13.00 11	19.00 12	63.00 14
1952	12.00 21	12.00 19	13.00 21	13.00 20	15.00 21	72.00 22	96.00 21	125.00 23	139.00 23
1953	8.00 17	8.00 15	8.00 14	8.40 13	8.70 13	9.20 11	10.00 10	16.00 10	48.00 10
1954	7.00 14	7.00 13	7.60 13	8.60 14	8.80 14	15.00 18	23.00 16	35.00 17	125.00 20
1955	8.00 15	8.00 14	8.30 15	8.80 15	9.50 15	11.00 12	27.00 19	34.00 13	68.00 15
1956	8.00 16	8.70 16	10.00 18	12.00 18	14.00 20	21.00 19	25.00 17	34.00 14	58.00 13
1957	17.00 23	17.00 23	18.00 22	18.00 22	19.00 22	26.00 20	31.00 20	34.00 15	52.00 11
1958	12.00 22	12.00 20	13.00 19	13.00 19	13.00 18	13.00 15	15.00 12	34.00 16	128.00 22
1959	1.00 8	1.00 7	2.10 8	2.10 8	4.30 6	14.00 16	15.00 13	15.00 9	55.00 12
1960	2.00 10	2.00 10	2.40 9	3.10 9	6.60 10	29.00 21	113.00 23	116.00 22	124.00 19
1961	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.89 3	0.95 3	1.00 2	2.30 2
1962	0.90 6	1.00 8	1.10 6	1.40 6	1.90 5	2.30 5	3.80 5	9.60 8	13.00 7
1963	0.10 3	0.10 3	0.16 3	0.19 3	0.25 3	0.38 2	0.73 2	2.00 3	6.60 3
1964	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.10 1	0.37 1	0.44 1	0.60 1
1965	0.90 7	0.90 5	0.96 5	0.99 4	1.00 4	1.19 4	1.19 4	4.10 4	10.00 4
1966	1.19 9	1.19 9	1.19 7	1.30 5	4.50 7	7.70 7	18.00 14	18.00 11	20.00 8
1967	0.40 4	0.97 6	3.00 10	3.20 10	5.00 9	7.20 6	7.40 6	8.70 5	11.00 5

09446000 WILLOW CREEK NEAR DOUBLE CIRCLE RANCH, NEAR MORENCI, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1945	880.0 12	693.0 11	509.0 10	300.0 11	223.0 13	168.0 13	164.0 12	153.0 12	142.0 11
1946	1340.0 10	746.0 10	446.0 11	320.0 10	255.0 9	219.0 8	205.0 8	162.0 9	111.0 16
1947	820.0 13	441.0 13	356.0 13	266.0 13	243.0 11	224.0 7	207.0 7	197.0 6	185.0 6
1948	330.0 15	241.0 15	207.0 14	188.0 14	184.0 14	177.0 12	171.0 9	168.0 9	161.0 8
1949	8000.0 3	3740.0 3	1870.0 4	1120.0 4	612.0 4	375.0 4	285.0 4	244.0 4	201.0 4
1950	186.0 20	185.0 17	179.0 16	165.0 16	162.0 15	154.0 14	152.0 13	145.0 14	138.0 13
1951	1030.0 11	531.0 12	406.0 12	293.0 12	238.0 12	197.0 10	171.0 10	159.0 10	156.0 9
1952	14700.0 1	9060.0 1	6310.0 1	3250.0 1	1800.0 1	924.0 1	703.0 1	576.0 1	419.0 1
1953	360.0 14	243.0 14	182.0 15	148.0 17	136.0 17	128.0 17	121.0 16	118.0 16	115.0 15
1954	6910.0 4	3700.0 4	1780.0 5	908.0 5	521.0 6	310.0 5	251.0 5	216.0 5	196.0 5
1955	2410.0 8	968.0 9	654.0 8	374.0 9	244.0 10	184.0 11	151.0 14	149.0 13	145.0 10
1956	328.0 16	208.0 16	169.0 17	168.0 15	160.0 16	148.0 16	143.0 15	132.0 15	133.0 14
1957	2180.0 9	1020.0 8	552.0 9	416.0 8	269.0 8	201.0 9	170.0 11	156.0 11	141.0 12
1958	5220.0 5	3140.0 5	2770.0 3	1680.0 3	1110.0 3	683.0 3	487.0 3	391.0 3	292.0 3
1959	3330.0 7	1800.0 5	1260.0 6	760.0 6	567.0 5	306.0 6	222.0 6	183.0 7	164.0 7
1960	13500.0 2	8310.0 2	4000.0 2	1990.0 2	1350.0 2	864.0 2	665.0 2	527.0 2	396.0 2
1961	50.0 23	29.0 23	22.0 23	16.0 23	12.0 23	7.4 23	5.8 23	4.6 23	5.1 22
1962	240.0 18	151.0 18	95.0 18	68.0 18	54.0 18	36.0 18	32.0 18	27.0 18	23.0 18
1963	254.0 17	147.0 19	89.0 19	57.0 19	35.0 19	20.0 21	18.0 20	16.0 21	11.0 21
1964	142.0 22	67.0 21	42.0 21	27.0 21	20.0 22	12.0 22	8.7 22	6.5 22	4.5 23
1965	239.0 19	99.0 20	57.0 20	42.0 20	30.0 20	26.0 19	22.0 19	21.0 19	21.0 19
1966	3870.0 6	1680.0 7	785.0 7	549.0 7	296.0 7	153.0 15	115.0 17	95.0 17	69.0 17
1967	148.0 21	58.0 22	31.0 22	24.0 22	22.0 21	21.0 20	17.0 21	16.0 20	14.0 20

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
83.8	67.6	65.1	159	34.2	140	96.7	85.9	86.6	97.0	142	93.0
4239	3167	8048	166300	3291	49470	4861	3525	3743	5337	14870	4369
65.1	56.3	89.7	408	57.4	222	69.7	59.4	61.2	73.1	122	66.1
-0.30	0.29	2.16	2.99	3.40	3.30	-0.13	-0.32	-0.29	0.18	1.59	-0.37
0.78	0.83	1.38	2.57	1.68	1.59	0.72	0.69	0.71	0.75	0.86	0.71
7.29	5.87	5.66	13.8	2.97	12.1	8.40	7.46	7.52	8.44	12.4	8.08

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
96.2	5177	71.9	0.64	0.75	0.279

GILA RIVER BASIN

145

09446500 EAGLE CREEK NEAR DOUBLE CIRCLE RANCH, NEAR MORENCI, AZ

LOCATION.--Lat 33°18'00", long 109°29'30", in SW¼ sec.32, T.1 S., R.28 E. (unsurveyed), on left bank 0.5 mi (0.8 km) upstream from head of Box Canyon, 2.75 mi (4.42 km) downstream from Willow Creek, 3.25 mi (5.23 km) downstream from Double Circle Ranch, and 17 mi (27.4 km) northwest of Morenci.

DRAINAGE AREA.--377 mi² (976 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT.FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1944	2400	09-11-44					1945	14700
1945	782	08-06-45					1946	9500
1946	1140	07-10-46					1947	13400
1947	2060	08-25-47					1948	12200
1948	118	08-21-48					1949	26100
1949	2400	01-13-49					1950	10300
1950	863	07-28-50					1951	10100
1951	1460	08-28-51					1952	35900
1952	7000	01-13-52	8.51				1953	7890
1953	446	08-01-53	4.68				1954	16600
1954	4380	08-24-54	7.15				1955	13200
1955	2680	08-21-55	6.10				1956	9290
1956	1410	07-31-56	5.26				1957	12300
1957	1610	08-01-57	5.64				1958	28900
1958	7270	09-10-58	8.7				1959	15200
1959	3200	08-01-59	5.75	NM	6.2	07-16-59	1960	31000
1960	4990	01-12-60	6.2				1961	9200
1961	2470	09-11-61	6.15				1962	25500
1962	612	01-25-62	4.35				1963	21200
1963	3920	08-21-63	7.45				1964	14400
1964	6390	09-10-64	8.10				1965	18700
1965	3510	08-01-65	7.44				1966	58700
1966	13600	12-30-65	9.20				1967	17800
1967	6000	08-11-67	7.50					
1973	30000	10-20-72	12.02					

DISCHARGE, IN CUBIC FEET PER SECOND MEAN DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1945					4	28	18	22	51	19	62	76	27	14	10	10	8	5	6	1	3	1														
1946																																				
1947		7	31	6	13	23	56	53	15	5	9	60	77	5	1	1		2		1																
1948					2	26	50	7	7	7	28	172	53	4	4	4		3	4	1																
1949					20	50	4	6	2	22	52	131	53	9	6	9	2																			
1950					1	2	12		7	52	56	87	46	18	24	13	9	7	11	4	9	3	1		1			1					1			
		6	2	1	55	28	4		5	28	95	118	18	2	2		1																			
1951																																				
1952					14	96	18	9	1	67	77	63	10	2		1	3	1	1	1							1									
1953					9	13	11	10	17	100	53	40	16	10	17	14	14	9	10	6	7		1	2	1				2			2		1	1	
1954					24	83	12	15	75	46	67	31	5	2	3	1	1																			
1955					3	41	23	18	33	57	54	56	26	11	8	9	6	3	3	2	1	2	3	1	1	1	1	1		1						
					2	17	40	15	45	20	28	124	46	5	4		4	1	1	1	4	2	4	1		1										
1956																																				
1957					1	30	73	31	28	39	89	63	5	1	1	3	1		1																	
1958																																				
1959																																				
1960																																				
1961																																				
1962																																				
1963																																				
1964																																				
1965																																				
1966																																				
1967																																				

NM Not maximum gage height for water year.

09446500 EAGLE CREEK NEAR DOUBLE CIRCLE RANCH, NEAR MORENCI, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--Continued

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8400	100.0	12	21.0	912	2172	25.9	24	300	13	45	.5
1	1.80	7	8400	100.0	13	27.0	290	1260	15.0	25	370	7	32	.3
2	2.40	40	8393	99.9	14	33.0	208	970	11.5	26	470	6	25	.2
3	3.00	27	8353	99.4	15	41.0	176	762	9.1	27	580	3	19	.2
4	3.70	178	8326	99.1	16	52.0	127	586	7.0	28	720	5	16	.1
5	4.60	633	8148	97.0	17	64.0	106	459	5.5	29	900	1	11	.1
6	5.70	581	7515	89.5	18	80.0	103	353	4.2	30	1100	3	10	.1
7	7.10	462	6934	82.5	19	100.0	68	250	3.0	31	1400	1	7	
8	8.90	517	6472	77.0	20	120.0	69	182	2.2	32	1700	2	6	
9	11.00	938	5955	70.9	21	160.0	27	113	1.3	33	2200	2	4	
10	14.00	1271	5017	59.7	22	190.0	29	86	1.0	34	2700	2	2	
11	17.00	1574	3746	44.6	23	240.0	12	57	0.7					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1945	4.20 10	4.60 11	4.70 11	4.90 11	5.20 10	6.30 13	7.20 13	7.90 9	19.00 16
1946	1.90 1	2.00 1	2.10 1	2.40 1	3.60 1	4.50 1	4.40 1	4.70 1	5.70 1
1947	5.60 19	5.80 18	5.90 18	6.10 17	6.50 16	7.10 14	7.80 14	11.00 15	14.00 11
1948	3.90 8	3.90 7	4.00 7	4.20 5	4.50 3	4.60 2	6.10 10	9.20 13	14.00 12
1949	5.60 20	6.50 20	9.00 21	13.00 23	14.00 23	14.00 20	15.00 21	23.00 23	23.00 18
1950	2.40 2	2.40 2	2.70 2	3.90 4	4.80 7	4.90 5	5.30 5	7.90 10	11.00 9
1951	3.80 7	4.00 8	4.30 8	4.40 6	4.70 6	4.90 6	5.00 3	5.40 3	9.30 5
1952	4.20 11	4.40 10	4.50 10	4.70 10	6.80 17	9.10 17	11.00 18	15.00 19	23.00 19
1953	4.10 9	4.20 9	4.30 9	4.40 7	4.60 4	4.70 3	4.80 2	5.00 2	7.20 2
1954	3.60 5	3.60 5	3.80 5	3.80 3	4.10 2	4.80 4	5.10 4	6.00 5	18.00 15
1955	3.60 6	3.70 6	3.90 6	4.50 8	4.70 5	5.10 7	6.10 11	6.80 7	9.60 6
1956	4.50 12	4.80 14	4.90 13	5.20 13	5.40 11	6.00 11	6.30 12	6.80 8	8.40 4
1957	6.20 21	6.20 19	6.30 19	6.50 19	6.80 18	7.20 15	8.90 15	9.70 14	13.00 10
1958	5.10 16	5.10 16	5.10 16	5.40 15	5.50 12	5.70 10	5.70 7	8.30 12	33.00 23
1959	5.40 18	5.40 17	5.60 17	5.80 16	6.00 15	6.10 12	6.10 8	6.50 6	11.00 7
1960	4.60 13	4.70 12	4.90 14	6.30 18	11.00 19	14.00 21	15.00 22	15.00 20	17.00 14
1961	2.90 3	2.90 3	3.20 3	4.70 9	5.00 8	5.50 8	5.60 6	5.60 4	7.40 3
1962	5.20 17	7.70 21	10.00 23	12.00 22	13.00 21	14.00 22	14.00 20	15.00 21	20.00 17
1963	3.50 4	3.60 4	3.60 4	3.70 2	5.00 9	8.60 16	9.70 16	13.00 17	26.00 20
1964	4.80 15	4.80 15	4.90 15	5.20 14	5.50 13	5.70 9	6.10 9	8.20 11	11.00 8
1965	4.60 14	4.70 13	4.80 12	5.10 12	5.80 14	11.00 18	13.00 19	15.00 18	26.00 21
1966	8.10 23	8.30 23	8.60 20	9.10 20	13.00 22	16.00 23	21.00 23	23.00 22	28.00 22
1967	7.20 22	7.70 22	9.70 22	10.00 21	11.00 20	11.00 19	11.00 17	12.00 16	16.00 13

GILA RIVER BASIN

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09446500 EAGLE CREEK NEAR DOUBLE CIRCLE RANCH, NEAR MORENCI, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1945	184.0 16	151.0 13	120.0 12	89.0 12	74.0 12	50.0 13	40.0 12	34.0 12	30.0 12
1946	104.0 19	69.0 19	42.0 21	31.0 20	27.0 20	24.0 20	23.0 18	19.0 19	14.0 23
1947	118.0 17	73.0 18	59.0 17	51.0 16	41.0 16	31.0 16	27.0 16	25.0 15	23.0 15
1948	58.0 22	54.0 21	50.0 19	45.0 18	36.0 18	29.0 17	26.0 17	23.0 17	21.0 17
1949	1480.0 4	733.0 4	382.0 5	255.0 5	149.0 5	108.0 5	85.0 5	70.0 6	52.0 6
1950	62.0 21	36.0 22	25.0 23	22.0 23	19.0 23	19.0 21	19.0 21	18.0 20	17.0 21
1951	371.0 10	168.0 12	86.0 14	47.0 17	39.0 17	28.0 18	22.0 19	20.0 18	19.0 18
1952	2200.0 3	1610.0 2	1010.0 2	588.0 2	339.0 2	178.0 2	139.0 2	119.0 2	85.0 2
1953	52.0 23	36.0 23	31.0 22	25.0 22	21.0 22	17.0 23	16.0 23	16.0 23	15.0 22
1954	882.0 5	514.0 6	257.0 6	136.0 8	82.0 11	56.0 10	42.0 11	35.0 11	38.0 7
1955	310.0 12	218.0 11	162.0 9	100.0 11	83.0 9	52.0 11	38.0 13	33.0 13	27.0 13
1956	99.0 20	60.0 20	44.0 20	31.0 21	25.0 21	19.0 22	18.0 22	18.0 21	17.0 19
1957	212.0 15	112.0 16	65.0 16	56.0 14	44.0 15	36.0 15	28.0 15	24.0 16	23.0 16
1958	772.0 6	577.0 5	510.0 4	337.0 3	226.0 3	159.0 3	114.0 4	89.0 4	64.0 4
1959	344.0 11	228.0 10	161.0 10	123.0 9	96.0 7	60.0 8	45.0 9	37.0 10	31.0 11
1960	2510.0 2	1210.0 3	608.0 3	327.0 4	222.0 4	150.0 4	120.0 3	97.0 3	70.0 3
1961	106.0 18	78.0 17	55.0 18	35.0 19	27.0 19	24.0 19	21.0 20	18.0 22	17.0 20
1962	450.0 7	258.0 9	176.0 8	140.0 7	130.0 6	90.0 6	78.0 6	72.0 5	55.0 5
1963	404.0 9	265.0 8	152.0 11	120.0 10	82.0 10	60.0 7	46.0 7	38.0 8	33.0 10
1964	264.0 14	139.0 15	83.0 15	54.0 15	47.0 14	38.0 14	33.0 14	29.0 14	25.0 14
1965	277.0 13	144.0 14	88.0 13	74.0 13	61.0 13	52.0 12	43.0 10	38.0 9	34.0 8
1966	6350.0 1	3080.0 1	1470.0 1	1080.0 1	580.0 1	308.0 1	240.0 1	197.0 1	138.0 1
1967	423.0 8	292.0 7	241.0 7	151.0 6	90.0 8	57.0 9	46.0 8	41.0 7	34.0 9

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
17.5	14.0	35.8	41.2	21.8	40.6	27.4	17.6	15.5	20.7	37.6	21.3
34.5	27.9	10510	5802	706	2325	307	18.1	21.1	39.2	610	137
5.87	5.29	103	76.2	26.6	48.2	17.5	4.25	4.59	6.26	24.7	11.7
0.59	-0.10	4.66	2.60	1.93	2.43	2.20	-0.71	-0.01	1.04	1.12	1.94
0.33	0.38	2.86	1.85	1.22	1.19	0.64	0.24	0.30	0.30	0.66	0.55
5.63	4.51	11.5	13.2	7.02	13.1	8.81	5.67	5.00	6.64	12.1	6.86

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
25.9	257	16.0	2.09	0.62	-0.156

GILA RIVER BASIN

09447000 EAGLE CREEK ABOVE PUMPING PLANT, NEAR MORENCI, AZ

LOCATION.--Lat 33°04'12", long 109°27'05", in SE¼NE¼ sec.22, T.4 S., R.28 E., Greenlee County, Hydrologic Unit 15040005, on right bank 3 mi (5 km) upstream from Phelps Dodge Corp. pumping plant, 5 mi (8 km) west of Morenci, and 13 mi (21 km) upstream from mouth.

DRAINAGE AREA.--613 mi² (1,588 km²).

WATER YEAR	ANNUAL PEAK DISCH, CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK, FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1932	13000	02-10-32	HP		1945	22100
1933					1946	14800
1934	7500	- -			1947	18600
1935	433	08-11-45			1948	17300
1936	384	08-07-46			1949	35500
1937	710	08-08-47			1950	14500
1938	300	08-05-48			1951	14400
1939	2500	01-13-49			1952	50700
1940	470	07-28-50			1953	12300
1941	1260	08-28-51			1954	29000
1942	5340	01-14-52			1955	19400
1943	2780	07-25-53		6.7	1956	12700
1944	4930	07-22-54		6.95	1957	21000
1945	3260	08-06-55		6.25	1958	51400
1946	452	07-30-56		4.55	1959	26900
1947	4210	07-26-57		6.65	1960	46400
1948	6150	09-10-58		8.1	1961	13400
1949	4780	08-17-59		7.25	1962	40400
1950	5350	01-12-60		7.6	1963	37400
1951	1210	09-12-61		5.18	1964	24600
1952	1850	07-18-62		5.57	1965	24800
1953	6150	08-30-63		8.10	1966	97500
1954	8620	07-15-64		9.80	1967	28000
1955	3080	08-01-65		6.25	1968	80000
1956	21000	12-30-65		12.8	1969	22200
1957	7650	08-12-67		9.10	1970	23600
1958	3300	12-20-67		7.00	1971	22200
1959	250	07-25-69		3.64	1972	29900
1960	560	07-23-70		4.50	1973	86800
1961	1680	08-22-71		5.73	1974	21000
1962	6650	07-16-72		8.70	1975	27400
1963	14000	10-19-72		11.15		
1964	630	08-03-74		4.60		
1965	1550	09-09-75		5.60		

HP Isolated historic peak; not part of systematic record.

GILA RIVER BASIN

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09447000 EAGLE CREEK ABOVE PUMPING PLANT, NEAR MORENCI, AZ--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1945				1	1	1	2	36	65	119	30	35	20	16	15	10	8	1	3	2																
1946																																				
1947		10	10	12	9	18	39	63	48	24	80	37	5	4	2		3	1																		
1948									60	57	65	142	18	6	5		4	5	2				1													
1949									48	31	53	63	117	23	12	10	8	1																		
1950									3	4	59	92	61	28	19	32	9	14	13	4	9	8	4	2	1	1		1	1							
1951									2	60	55	48	119	64	7	6	1	2	1																	
1952				1	2	1	16	99	52	62	60	51	12	2	2	1			2	1				1												
1953						1	10	3	49	79	68	28	23	9	23	16	17	10	6	5	5	2	2	1	3				1			2		1		
1954									101	22	81	62	59	17	4	4		2																		
1955									78	102	70	34	25	10	7	7	4	6	4	3	3	2	2	1	2	3			1			1				
1956									2	4	2	41	90	53	101	41	7	4	3	4	5															
1957																																				
1958									6	2	44	103	107	81	11	5	3	3		1																
1959									33	59	91	76	47	26	5	4	4	5	4	2	4	3														
1960									1	10	3	49	79	68	28	23	10	11	9	5	12	11	5	6	5	9	4	1	2	1	1	2				
1961									41	16	25	53	41	51	21	18	9	1	4	3	1	5	4	1	3	3	1	1								
1962									18	16	33	51	66	49	36	21	8	7	15	12	8	10	7	2	1	1	2									
1963																																				
1964																																				
1965																																				
1966																																				
1967																																				
1968																																				
1969																																				
1970																																				
1971																																				
1972																																				
1973																																				
1974																																				
1975																																				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	11322	100.0	12	37.0	560	2220	19.6	24	470	26	87	.7
1	3.50	10	11322	100.0	13	45.0	419	1660	14.7	25	590	10	61	.5
2	4.30	14	11312	99.9	14	56.0	240	1241	11.0	26	730	9	51	.4
3	5.40	23	11298	99.8	15	69.0	218	1001	8.8	27	900	10	42	.3
4	6.60	30	11275	99.6	16	86.0	196	783	6.9	28	1100	7	32	.2
5	8.20	151	11245	99.3	17	110.0	108	587	5.2	29	1400	8	25	.2
6	10.00	830	11094	98.0	18	130.0	106	479	4.2	30	1700	5	17	.1
7	13.00	1354	10264	90.7	19	160.0	91	373	3.3	31	2100	4	12	.1
8	16.00	1343	8910	78.7	20	200.0	78	282	2.5	32	2600		8	
9	19.00	2176	7567	66.8	21	250.0	62	204	1.8	33	3200	5	8	
10	24.00	1868	5391	47.6	22	310.0	34	142	1.3	34	4000	3	3	
11	30.00	1303	3523	31.1	23	380.0	21	108	1.0					

GILA RIVER BASIN

09447000 EAGLE CREEK ABOVE PUMPING PLANT, NEAR MORENCI, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1945	5.70 4	7.10 6	13.00 22	13.00 20	14.00 20	18.00 19	19.00 20	20.00 17	29.00 20
1946	3.50 1	3.60 1	3.70 1	4.00 1	5.20 1	7.00 1	8.20 1	9.60 1	12.00 1
1947	13.00 28	13.00 25	13.00 23	13.00 21	13.00 14	14.00 15	15.00 14	18.00 15	19.00 10
1948	12.00 23	12.00 21	12.00 20	12.00 19	12.00 10	12.00 5	14.00 13	17.00 12	21.00 13
1949	11.00 19	13.00 22	16.00 28	17.00 26	18.00 24	20.00 25	23.00 25	31.00 29	33.00 21
1950	9.80 16	9.90 16	10.00 12	11.00 12	11.00 4	12.00 6	13.00 8	15.00 9	17.00 8
1951	4.90 2	5.40 3	8.60 6	8.90 2	11.00 5	12.00 7	12.00 4	13.00 5	16.00 5
1952	7.90 9	8.10 8	8.60 7	9.50 4	14.00 21	18.00 20	18.00 17	25.00 24	34.00 24
1953	8.90 12	8.90 11	9.10 10	9.70 7	11.00 6	11.00 2	11.00 2	12.00 3	14.00 2
1954	11.00 20	11.00 18	11.00 17	11.00 13	11.00 7	12.00 8	12.00 5	13.00 4	34.00 25
1955	6.20 5	6.60 5	7.20 4	9.70 8	12.00 11	13.00 9	13.00 6	14.00 6	16.00 6
1956	7.30 7	7.50 7	7.80 5	9.50 5	13.00 15	13.00 10	13.00 7	14.00 7	15.00 3
1957	12.00 21	12.00 19	12.00 18	12.00 14	13.00 16	13.00 11	14.00 9	16.00 10	20.00 11
1958	7.90 8	8.20 9	8.70 8	12.00 15	13.00 17	14.00 16	14.00 10	17.00 13	52.00 31
1959	9.50 15	9.70 15	10.00 13	10.00 10	10.00 2	11.00 3	11.00 3	11.00 2	16.00 7
1960	8.20 10	8.50 10	8.80 9	10.00 11	12.00 12	14.00 17	16.00 15	18.00 14	21.00 12
1961	6.50 6	6.50 4	7.10 3	9.60 6	11.00 8	13.00 12	14.00 11	14.00 8	15.00 4
1962	13.00 24	13.00 23	13.00 21	14.00 22	15.00 22	19.00 21	20.00 21	21.00 18	28.00 18
1963	4.90 3	5.00 2	5.60 2	9.30 3	11.00 9	14.00 13	16.00 16	21.00 19	38.00 28
1964	8.90 13	9.50 13	11.00 14	12.00 16	13.00 13	14.00 14	14.00 12	16.00 11	18.00 9
1965	12.00 22	12.00 20	12.00 19	12.00 17	14.00 18	19.00 22	21.00 24	23.00 23	33.00 22
1966	13.00 25	14.00 26	15.00 24	16.00 24	19.00 25	22.00 28	28.00 29	31.00 30	38.00 29
1967	10.00 17	13.00 24	15.00 25	16.00 25	18.00 23	19.00 23	19.00 18	21.00 20	23.00 16
1968	9.50 14	9.60 14	9.70 11	9.80 9	10.00 3	12.00 4	33.00 32	40.00 32	45.00 30
1969	13.00 26	14.00 27	16.00 26	18.00 27	20.00 28	23.00 30	24.00 26	26.00 25	29.00 19
1970	16.00 29	16.00 29	16.00 27	18.00 28	20.00 29	22.00 29	24.00 27	27.00 27	33.00 23
1971	17.00 30	17.00 30	18.00 30	18.00 29	19.00 26	19.00 24	20.00 22	22.00 21	24.00 17
1972	10.00 18	10.00 17	11.00 15	12.00 18	14.00 19	16.00 18	19.00 19	20.00 16	22.00 14
1973	13.00 27	14.00 28	17.00 29	20.00 30	21.00 30	25.00 31	28.00 30	29.00 28	63.00 32
1974	19.00 31	19.00 31	19.00 31	20.00 31	21.00 31	21.00 26	21.00 23	22.00 22	23.00 15
1975	8.20 11	9.00 12	11.00 16	15.00 23	19.00 27	22.00 27	25.00 28	26.00 26	36.00 27

09447000 EAGLE CREEK ABOVE PUMPING PLANT, NEAR MORENCI, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1945	166.0 23	161.0 21	139.0 18	107.0 17	89.0 17	64.0 18	55.0 16	47.0 16	39.0 18
1946	115.0 27	73.0 28	50.0 29	41.0 29	38.0 27	35.0 26	32.0 26	25.0 27	21.0 29
1947	250.0 21	133.0 22	95.0 22	75.0 21	60.0 21	45.0 23	37.0 24	33.0 24	30.0 24
1948	72.0 31	62.0 29	59.0 28	54.0 26	45.0 26	36.0 25	32.0 25	28.0 25	28.0 25
1949	950.0 13	717.0 10	420.0 9	295.0 8	192.0 8	139.0 8	112.0 8	93.0 8	69.0 8
1950	79.0 29	60.0 30	44.0 30	37.0 30	30.0 30	25.0 30	23.0 29	22.0 29	22.0 27
1951	347.0 18	179.0 18	95.0 23	55.0 25	49.0 25	34.0 27	27.0 27	25.0 26	24.0 26
1952	3500.0 4	2410.0 3	1510.0 2	827.0 2	468.0 3	248.0 6	194.0 5	164.0 4	117.0 4
1953	105.0 28	81.0 27	60.0 26	45.0 27	36.0 28	26.0 29	22.0 30	23.0 28	21.0 28
1954	1980.0 6	1100.0 7	536.0 7	272.0 10	158.0 11	98.0 12	74.0 13	59.0 13	65.0 9
1955	559.0 17	385.0 15	261.0 15	170.0 14	119.0 15	74.0 16	55.0 17	45.0 19	38.0 19
1956	75.0 30	53.0 31	39.0 31	31.0 31	29.0 31	22.0 31	20.0 31	20.0 31	20.0 30
1957	964.0 12	374.0 16	174.0 16	123.0 16	109.0 16	76.0 15	57.0 15	47.0 17	40.0 17
1958	2060.0 5	1370.0 6	1080.0 4	671.0 3	434.0 4	276.0 4	196.0 4	151.0 5	107.0 6
1959	793.0 14	606.0 11	407.0 10	321.0 7	208.0 7	127.0 9	91.0 9	72.0 9	55.0 10
1960	3950.0 2	2020.0 4	1040.0 5	543.0 6	396.0 6	249.0 5	189.0 6	151.0 6	109.0 5
1961	150.0 24	86.0 26	59.0 27	41.0 28	30.0 29	29.0 28	24.0 28	21.0 30	20.0 31
1962	667.0 16	413.0 14	266.0 14	196.0 12	176.0 9	140.0 7	124.0 7	114.0 7	90.0 7
1963	1270.0 10	718.0 8	356.0 11	258.0 11	157.0 12	109.0 10	81.0 11	64.0 12	54.0 12
1964	1440.0 9	527.0 13	296.0 13	170.0 13	128.0 14	82.0 14	66.0 14	55.0 14	43.0 15
1965	339.0 19	176.0 20	114.0 20	95.0 20	76.0 18	65.0 17	54.0 18	48.0 15	44.0 14
1966	8000.0 1	4830.0 1	2400.0 1	1860.0 1	1080.0 1	572.0 1	408.0 1	343.0 1	237.0 1
1967	1640.0 8	717.0 9	453.0 8	273.0 9	174.0 10	109.0 11	83.0 10	69.0 10	55.0 11
1968	1720.0 7	1430.0 5	1020.0 6	634.0 4	555.0 2	393.0 2	332.0 2	268.0 2	188.0 3
1969	141.0 25	124.0 23	97.0 21	72.0 22	54.0 23	46.0 22	45.0 20	43.0 20	36.0 22
1970	115.0 26	89.0 25	80.0 24	63.0 23	56.0 22	47.0 21	43.0 21	39.0 21	37.0 20
1971	250.0 20	179.0 19	115.0 19	96.0 19	70.0 19	53.0 20	43.0 22	39.0 22	37.0 21
1972	1070.0 11	581.0 12	298.0 12	164.0 15	138.0 13	85.0 13	77.0 12	68.0 11	53.0 13
1973	3860.0 3	2660.0 2	1260.0 3	619.0 5	398.0 5	317.0 3	249.0 3	204.0 3	191.0 2
1974	170.0 22	105.0 24	74.0 25	60.0 24	52.0 24	44.0 24	42.0 23	39.0 23	35.0 23
1975	721.0 15	319.0 17	167.0 17	97.0 18	69.0 20	59.0 19	50.0 19	46.0 18	41.0 16

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
40.5	23.8	63.8	66.1	55.3	67.0	40.6	25.5	19.5	32.9	55.0	33.2
3747	67.4	24860	11030	8093	7531	1012	145	46.7	329	1931	480
61.2	8.21	158	105	90.0	86.8	31.8	12.0	6.83	18.2	43.9	21.9
4.46	0.54	5.02	2.36	3.32	2.86	3.14	3.30	0.14	1.84	1.97	2.24
1.51	0.35	2.47	1.59	1.63	1.29	0.78	0.47	0.35	0.55	0.80	0.66
7.74	4.55	12.2	12.6	10.6	12.8	7.76	4.87	3.73	6.30	10.5	6.34

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
43.9	889	29.8	1.87	0.68	-0.142

09448500 GILA RIVER AT HEAD OF SAFFORD VALLEY, NEAR SOLOMON, AZ

LOCATION.--Lat 32°52'06", long 109°30'38", in SE¼NE¼ sec.31, T.6 S., R.28 E., Graham County, Hydrologic Unit 15040005, on left bank 0.6 mi (1.0 km) downstream from intake of Brown Canal, 8 mi (13 km) northeast of Solomon, and 17 mi (27 km) downstream from San Francisco River. Records include flow of Brown Canal, which is measured 2,000 ft (610 m) downstream from intake.

DRAINAGE AREA.--7,896 mi² (20,451 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1914	9000	08-21-14			1933	249000
1915	50000	12-20-14			1936	218000
1916	100000	01-19-16	1906		1937	422000
1917	67900	10-14-16			1938	171000
1918	2700	07-01-18			1939	148000
1919	15000	08-03-19			1940	231000
1920	7620	12-05-19			1941	888000
1921	15700	08-21-21			1942	341000
1922	3780	08-15-22			1943	153000
1923	12600	08-12-23			1944	138000
1924	10600	12-28-23			1945	226000
1925	15900	09-03-25			1946	116000
1926	5660	04-07-26			1947	114000
1927	9320	09-13-27			1948	127000
1928	3230	08-01-28			1949	541000
1929	12700	07-30-29			1950	95700
1930	10100	08-11-30			1951	73100
1931	10500	02-15-31			1952	331000
1932	24000	02-10-32			1953	90500
1933	9600	09-09-33			1954	178000
1934	23000	08-27-34			1955	161000
1935	5550	09-01-35			1956	73700
1936	8000	02-17-36			1957	212000
1937	23700	02-08-37			1958	450000
1938	4690	03-04-38			1959	176000
1939	7370	08-06-39			1960	320000
1940	9840	09-06-40			1961	90400
1941	31900	09-30-41		13.43	1962	445000
1942	7730	12-12-41		6.33	1963	286000
1943	6680	09-27-43		5.87	1964	163000
1944	15800	09-25-44		9.00	1965	184000
1945	4820	08-11-45		5.7	1966	643000
1946	5100	10-09-45		5.83	1967	218000
1947	9250	08-30-47		7.30	1968	712000
1948	2540	06-01-48		5.56	1969	122000
1949	25200	01-14-49		11.5	1970	111000
1950	1240	07-30-50		5.30	1971	97400
1951	4240	08-03-51		6.98	1972	252000
1952	19700	01-19-52		10.50	1973	1023000
1953	3040	07-30-53		6.42	1974	92300
1954	9850	03-24-54		8.24	1975	349000
1955	11700	07-24-55		8.95		
1956	13300	10-04-55		9.20		
1957	5980	07-26-57		8.06		
1958	9060	03-23-58		9.18		
1959	7860	08-28-59		8.5		
1960	16700	01-12-60		10.8		
1961	4800	09-10-61		7.28		
1962	16100	09-26-62		10.68		
1963	9350	10-19-62		9.00		
1964	9880	07-15-64		9.15		
1965	4800	08-02-65		7.33		
1966	43000	12-22-65		13.7		
1967	34800	08-12-67		13.3		
1968	9280	12-20-67		8.37		
1969	2460	09-11-69		5.68		
1970	2250	08-06-70		5.90		
1971	4510	10-03-70		7.20		
1972	10200	10-25-71		9.10		
1973	82400	10-20-72	1916	15.6		
1974	3280	08-16-74		6.69		
1975	35000	09-09-75		12.70		

09448500 GILA RIVER AT HEAD OF SAFFORD VALLEY, NEAR SOLOMON, AZ--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
													NUMBER	OF	DAYS	IN	CLASS																				
1933											30	28	39	79	86	23	18	19	11	5	8	9	4	2	1	1	2										
1936						15	12		11	36	41	32	65	33	21	29	37	14	5	5	5	1	1	2													
1937							4		20	32	28	20	67	63	21	14	9	8	11	24	15	5	9	2	5	3	1										
1938					1	15	14		23	15	29	80	95	30	13	11	16	11	4	3	1	1	1	2						1	1	1					
1939					8	19	15	17	31	35	25	84	69	14	10	5	6	9	7	5	1	4															
1940					1	14	15		13	15	54	47	70	32	17	24	24	15	9	3	5																
1941										9	27	33	31	31	18	14	10	15	20	20	22	24	36	26	13	4	4	2	4	1							
1942							28		14	22	11	10	21	15	12	65	86	46	16	4	2	3	5	1	2												
1943					2	15	28		30	26	38	58	102	29	12	3	7	2	4	2	2		3	1	1												
1944					6	17	13		23	34	85	100	48	10	6	6	3	2	4	2	1	1	3	2													
1945						21	14		25	19	20	17	48	39	53	22	35	19	26	6																	
1946					15	16	19	14	39	19	79	51	69	10	8	14	6	3	1			1															
1947					4	35	27	24	22	62	38	34	84	14	6	4	1	2	1		2	1	3														
1948					11	23	20	28	47	36	85	29	11	13	13	15	10	10	15																		
1949						11	14		14	42	29	28	17	24	17	14	24	13	20	29	16	11	19	7	3	6	1	3	1								
1950					3	19	21	33	26	33	76	82	47	9	6	4	3	3																			
1951																																					
1952	1	7	7	20	26	24	25	35	99	92	11	7	3	2	2		2				1		1														
1953						13	12	18	13	13	64	29	41	26	32	16	13	20	22	11	11	3	1	1	2	1	1			2		1					
1954					2	19	18	18	53	27	44	123	14	17	9	4	5	3	5	3		1															
1955					2	9	16	11	39	66	45	68	18	10	12	13	11	6	10	2	3	4	2	8	4	3	2			1							
1956					11	7	16	24	41	22	94	74	11	6	7	3	3	6	8	10	8	4	6	1	1	2											
1957																																					
1958					5	22	24	20	25	15	34	54	79	67	6	7	3	1			1																
1959						5	28	50	51	53	53	47	8	7	4	4	9	3	6	5	3																
1960						10	9	16	13	8	53	58	36	40	14	11	7	11	14	3	6	12	13	7	8	4	4	1	1								
1961					7	13	6	14	19	21	40	26	43	58	33	27	14	13	4	2	3	5	3	8	1	3	2										
1962					1	22	23	25	26	24	15	12	21	38	12	16	18	25	9	17	19	14	4	6	5	1	1										
1963					5	11	26	21	32	51	63	90	29	12	6	4	2	4	6		1	1	1														
1964						18	40	31	24	12	12	9	10	16	23	32	31	32	19	30	6	4	4	5	5	1			1								
1965	1	1	7	9	14	10	20	23	54	41	38	88	9	11	9	10	6	1	3	2	1	4	2														
1966					3	6	8	8	14	15	40	50	34	27	25	26	49	42	12	2	1	1															
1967																																					
1968						1	17	40	27	16	18	17	18	22	11	21	24	23	30	11	16	16	9	5	6	4											
1969					2	2	9	23	12	22	45	23	77	53	28	5	16	10	11	10	1	3	5	2	1	1											
1970									6	14	46	34	38	16	19	10	18	7	10	16	32	39	10	21	14	10	4	1									
1971									16	28	47	86	53	20	19	11	5																				
1972					21	22	31	39	33	68	86	18	7	8	9	8	4	4	3	1	2	1															
1973						9	27	33	25	37	25	24	57	34	22	12	15	8	8	7	5	7															
1974							9		17	15	13	9	15	14	24	33	29	26	21	14	13	7	34	33	19	10	2	3	1			1	1				
1975					16	20	21	37	58	78	42	51	15	7	6	2	4	2	1	3	1	1															
						5	9	25	16	28	68	63	46	25	30	17	21	11	25	19	7	6	3	1	1	4	2										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	14975	100.0	12	170.0	1649	6481	43.3	24	2900	99	238	1.5
1	13.00	7	14975	100.0	13	220.0	872	4832	32.3	25	3700	57	139	.9
2	16.00	41	14968	100.0	14	280.0	646	3960	26.4	26	4700	33	82	.5
3	21.00	90	14927	99.7	15	350.0	597	3314	22.1	27	5900	14	49	.3
4	26.00	248	14837	99.1	16	440.0	616	2717	18.1	28	7500	18	35	.2
5	33.00	462	14589	97.4	17	560.0	416	2101	14.0	29	9500	3	17	.1
6	42.00	663	14127	94.3	18	710.0	381	1685	11.3	30	12000	7	14	
7	53.00	994	13464	89.9	19	900.0	275	1304	8.7	31	15000	3	7	
8	68.00	1076	12470	83.3	20	1100.0	251	1029	6.9	32	19000	1	4	
9	86.00	1498	11394	76.1	21	1400.0	208	778	5.2	33	24000	2	3	
10	110.00	1908	9896	66.1	22	1800.0	186	570	3.8	34	31000	1	1	
11	140.00	1507	7988	53.3	23	2300.0	146	384	2.6					

09448500 GILA RIVER AT HEAD OF SAFFORD VALLEY, NEAR SOLOMON, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1933	90.00 41	90.00 41	96.00 41	98.00 40	136.00 42	163.00 41	188.00 40	205.00 38	289.00 31
1936	45.00 33	46.00 33	46.00 32	49.00 29	60.00 32	85.00 31	116.00 28	140.00 25	233.00 26
1937	60.00 39	62.00 39	67.00 39	73.00 39	93.00 39	112.00 36	129.00 33	157.00 32	334.00 33
1938	40.00 29	41.00 27	44.00 28	47.00 27	58.00 30	93.00 34	118.00 29	151.00 29	215.00 25
1939	28.00 18	29.00 18	32.00 21	34.00 19	37.00 11	46.00 12	67.00 17	127.00 23	199.00 24
1940	39.00 26	43.00 30	44.00 29	46.00 26	73.00 36	104.00 35	114.00 26	147.00 28	246.00 27
1941	98.00 42	99.00 42	102.00 42	109.00 42	126.00 41	215.00 42	319.00 42	318.00 42	802.00 41
1942	56.00 37	57.00 37	58.00 37	61.00 37	62.00 33	77.00 28	112.00 25	153.00 30	273.00 30
1943	39.00 27	41.00 28	45.00 30	50.00 30	57.00 27	70.00 24	99.00 24	126.00 22	147.00 20
1944	37.00 25	36.00 25	40.00 25	42.00 25	50.00 24	68.00 23	89.00 22	100.00 20	118.00 16
1945	43.00 31	43.00 31	48.00 33	50.00 31	54.00 25	73.00 26	154.00 36	192.00 36	302.00 32
1946	28.00 19	29.00 19	29.00 18	30.00 12	34.00 8	43.00 8	54.00 11	71.00 13	98.00 12
1947	30.00 20	30.00 20	32.00 19	36.00 21	40.00 21	43.00 9	47.00 3	56.00 3	78.00 3
1948	26.00 15	27.00 14	28.00 14	30.00 13	34.00 9	60.00 22	95.00 23	94.00 19	173.00 23
1949	45.00 34	46.00 34	46.00 31	49.00 28	59.00 31	85.00 29	179.00 39	258.00 40	427.00 38
1950	30.00 21	31.00 21	35.00 22	37.00 22	39.00 14	47.00 13	61.00 15	75.00 15	103.00 13
1951	15.00 3	16.00 2	17.00 2	20.00 2	23.00 2	33.00 2	49.00 6	62.00 9	85.00 7
1952	40.00 28	40.00 26	41.00 26	41.00 23	69.00 35	126.00 38	124.00 31	196.00 37	360.00 36
1953	24.00 14	25.00 11	27.00 9	29.00 8	39.00 15	52.00 17	68.00 18	89.00 18	111.00 15
1954	20.00 6	21.00 6	22.00 5	24.00 4	31.00 5	48.00 15	55.00 12	65.00 10	163.00 21
1955	21.00 7	21.00 7	22.00 6	24.00 5	36.00 10	40.00 6	47.00 4	56.00 4	80.00 4
1956	13.00 1	14.00 1	15.00 1	18.00 1	18.00 1	22.00 1	32.00 1	41.00 1	57.00 1
1957	30.00 22	32.00 22	32.00 20	34.00 20	39.00 16	44.00 10	49.00 7	83.00 16	95.00 10
1958	34.00 23	37.00 23	39.00 23	57.00 34	58.00 28	85.00 30	137.00 34	158.00 33	599.00 40
1959	19.00 5	19.00 5	20.00 3	21.00 3	25.00 3	34.00 3	48.00 5	57.00 5	84.00 6
1960	24.00 8	27.00 15	28.00 15	29.00 9	39.00 17	53.00 18	57.00 13	60.00 7	141.00 19
1961	24.00 9	25.00 12	27.00 10	30.00 10	40.00 22	47.00 14	52.00 10	68.00 12	87.00 8
1962	44.00 32	45.00 32	50.00 34	60.00 36	67.00 34	91.00 32	154.00 37	142.00 27	352.00 34
1963	24.00 10	24.00 8	26.00 7	28.00 7	39.00 18	51.00 16	84.00 20	141.00 26	268.00 29
1964	15.00 2	18.00 3	22.00 4	26.00 6	31.00 4	44.00 11	64.00 16	72.00 14	98.00 11
1965	24.00 11	24.00 9	27.00 11	33.00 17	40.00 19	72.00 25	120.00 30	165.00 34	249.00 28
1966	41.00 30	42.00 29	44.00 27	51.00 32	56.00 26	76.00 27	141.00 35	188.00 35	370.00 37
1967	17.00 4	19.00 4	27.00 12	33.00 18	38.00 12	42.00 7	51.00 9	59.00 6	82.00 5
1968	66.00 40	69.00 40	84.00 40	101.00 41	120.00 40	148.00 40	314.00 41	282.00 41	571.00 39
1969	24.00 12	27.00 13	29.00 16	32.00 16	40.00 20	56.00 19	81.00 19	87.00 17	131.00 17
1970	24.00 13	25.00 10	26.00 8	31.00 14	38.00 13	57.00 20	86.00 21	116.00 21	131.00 18
1971	27.00 16	28.00 16	29.00 17	31.00 15	33.00 6	39.00 4	44.00 2	49.00 2	65.00 2
1972	36.00 24	38.00 24	39.00 24	41.00 24	48.00 23	57.00 21	60.00 14	67.00 11	106.00 14
1973	58.00 38	60.00 38	63.00 38	68.00 38	75.00 37	131.00 39	177.00 38	218.00 39	952.00 42
1974	27.00 17	28.00 17	28.00 13	30.00 11	33.00 7	39.00 5	50.00 8	61.00 8	87.00 9
1975	47.00 35	50.00 36	52.00 36	59.00 35	75.00 38	120.00 37	116.00 27	154.00 31	358.00 35

GILA RIVER BASIN

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09448500 GILA RIVER AT HEAD OF SAFFORD VALLEY, NEAR SOLOMON, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1933	4290.0 20	3190.0 19	2260.0 18	1640.0 17	1290.0 14	847.0 15	649.0 16	546.0 16	432.0 18
1936	4930.0 18	3380.0 17	2250.0 19	1580.0 18	1090.0 21	770.0 18	643.0 17	534.0 17	424.0 19
1937	13200.0 8	7660.0 9	4720.0 9	3880.0 8	2500.0 7	2190.0 7	1730.0 7	1370.0 7	983.0 7
1938	2650.0 27	2420.0 24	1530.0 25	1030.0 23	691.0 25	445.0 29	353.0 29	316.0 29	266.0 26
1939	2340.0 31	1610.0 29	1190.0 28	906.0 25	743.0 24	476.0 28	377.0 27	326.0 27	268.0 25
1940	5250.0 17	3200.0 18	1760.0 21	1060.0 22	854.0 22	680.0 23	533.0 22	450.0 21	399.0 21
1941	22000.0 3	10400.0 5	5750.0 7	3980.0 6	3000.0 5	2690.0 3	2530.0 2	2310.0 2	2010.0 2
1942	8410.0 10	4590.0 15	3060.0 14	1870.0 16	1190.0 16	801.0 17	820.0 13	757.0 11	669.0 11
1943	3130.0 25	2350.0 26	1550.0 24	1020.0 24	647.0 27	423.0 30	353.0 30	316.0 28	260.0 27
1944	2710.0 26	2410.0 25	1480.0 26	787.0 29	504.0 31	482.0 26	374.0 28	293.0 30	232.0 30
1945	2530.0 29	1320.0 31	927.0 30	854.0 27	811.0 23	700.0 22	594.0 19	531.0 18	441.0 15
1946	2550.0 28	1370.0 30	736.0 35	431.0 37	375.0 35	294.0 34	234.0 34	189.0 34	174.0 33
1947	2340.0 30	1640.0 28	1110.0 29	850.0 28	542.0 29	338.0 31	240.0 31	191.0 33	162.0 34
1948	806.0 40	781.0 37	774.0 32	753.0 30	674.0 26	509.0 25	397.0 26	332.0 26	260.0 28
1949	16700.0 5	13000.0 3	7690.0 3	5170.0 3	3120.0 4	2590.0 5	2230.0 5	1920.0 5	1400.0 5
1950	694.0 41	624.0 40	533.0 39	428.0 38	302.0 40	194.0 40	166.0 40	161.0 39	150.0 36
1951	1460.0 36	685.0 39	401.0 41	274.0 41	225.0 41	155.0 41	125.0 41	119.0 41	112.0 41
1952	14200.0 7	9340.0 6	6380.0 4	4030.0 5	2240.0 8	1270.0 11	1080.0 10	993.0 10	758.0 10
1953	1160.0 37	809.0 36	652.0 36	462.0 36	321.0 39	225.0 39	189.0 37	171.0 37	157.0 35
1954	7580.0 13	4310.0 16	2320.0 16	1580.0 19	1160.0 17	768.0 19	580.0 20	448.0 22	406.0 20
1955	3170.0 24	3050.0 20	1980.0 20	1430.0 20	1160.0 18	863.0 14	600.0 18	460.0 20	323.0 23
1956	4680.0 19	2650.0 23	1270.0 27	655.0 31	362.0 36	226.0 38	187.0 38	165.0 38	146.0 38
1957	7530.0 14	4810.0 14	2710.0 15	2140.0 13	2010.0 12	1320.0 9	909.0 11	695.0 12	490.0 13
1958	7660.0 12	4770.0 12	5000.0 8	4040.0 4	2900.0 6	2450.0 6	1810.0 6	1410.0 6	982.0 8
1959	3380.0 23	2920.0 21	2310.0 17	1890.0 15	1200.0 15	722.0 20	507.0 23	386.0 24	276.0 24
1960	11600.0 9	7900.0 8	4430.0 10	2480.0 12	1760.0 13	1270.0 10	1210.0 9	1060.0 9	802.0 9
1961	1510.0 34	1160.0 33	748.0 34	405.0 39	324.0 38	230.0 37	171.0 39	139.0 40	132.0 40
1962	8250.0 11	4930.0 13	3660.0 12	2690.0 11	2080.0 9	1390.0 8	1290.0 8	1180.0 8	990.0 6
1963	3540.0 21	2260.0 27	1660.0 22	1400.0 21	1100.0 20	812.0 16	576.0 21	511.0 19	441.0 16
1964	3500.0 22	2710.0 22	1600.0 23	893.0 26	630.0 28	511.0 24	456.0 24	350.0 25	260.0 29
1965	1910.0 32	1310.0 32	771.0 33	589.0 33	519.0 30	477.0 27	446.0 25	415.0 23	324.0 22
1966	30800.0 2	17700.0 2	9660.0 2	7400.0 2	4610.0 2	2660.0 4	2280.0 4	2200.0 4	1600.0 4
1967	17300.0 4	10900.0 4	6280.0 5	3380.0 10	2030.0 11	1220.0 12	888.0 12	676.0 13	466.0 14
1968	6240.0 16	5710.0 12	4330.0 11	3910.0 7	3540.0 3	2890.0 2	2520.0 3	2260.0 3	1730.0 3
1969	1020.0 38	762.0 38	613.0 37	569.0 34	384.0 34	246.0 36	233.0 35	224.0 31	202.0 31
1970	1010.0 39	590.0 41	443.0 40	370.0 40	326.0 37	254.0 35	216.0 36	205.0 32	192.0 32
1971	1510.0 35	1100.0 34	602.0 38	472.0 35	393.0 33	321.0 32	235.0 33	185.0 36	141.0 39
1972	7440.0 15	5900.0 11	3630.0 13	1940.0 14	1120.0 19	701.0 21	664.0 15	580.0 15	434.0 17
1973	45100.0 1	28700.0 1	16500.0 1	8750.0 1	4880.0 1	3000.0 1	2810.0 1	2350.0 1	2090.0 1
1974	1560.0 33	1080.0 35	788.0 31	602.0 32	423.0 32	306.0 33	239.0 32	188.0 35	147.0 37
1975	14900.0 6	8560.0 7	6020.0 6	3790.0 9	2080.0 10	1090.0 13	785.0 14	645.0 14	626.0 12

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
324	183	366	489	556	757	522	258	88.5	177	435	365
527300	16820	369700	445800	528900	745900	377800	154400	5897	17563	166800	135700
726	130	608	668	727	864	615	393	76.8	133	408	368
5.47	2.88	4.47	2.30	2.13	1.41	1.97	3.52	2.34	2.14	2.52	2.90
2.24	0.71	1.66	1.37	1.31	1.14	1.18	1.52	0.87	0.75	0.94	1.01
7.16	4.05	8.10	10.8	12.3	16.7	11.5	5.71	1.96	3.93	9.63	8.07

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
373	92930	305	1.89	0.82	-0.132

GILA RIVER BASIN

09456000 SAN SIMON RIVER NEAR SAN SIMON, AZ

LOCATION.--Lat 32°13'30", long 109°10'30", in SW¼ sec.10, T.14 S., R.31 E., Cochise County, 4.5 mi (7.2 km) southeast of San Simon.

DRAINAGE AREA.--814 mi² (2,110 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1923	5350	07-21-23	HP		1920	5280
1931	4500	08-10-31		11.15	1921	14900
1932	1250	07-25-32		7.3	1922	4580
1933	1550	08-04-33		7.71	1923	9600
1934	4550	08- -34		11.2	1924	954
1935	5020	08-28-35		11.7	1925	595
1936	4190	08-18-36		10.85	1932	674
1937	548	08-09-37		5.80	1933	1030
1938	2280	06-29-38		8.50	1936	2880
1939	2840	08-13-39		9.25	1937	335
1940	4280	06-29-40		10.9	1938	1740
1941	1870	08-15-41		7.7	1939	2620
					1940	6130

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1920	336							2		2		2	2			1	1	3	2	1	3	3		2	1	1	1		1	2						
1921	331					3									1	1	2	3	1	1	1	4	3	4		1	2	1	3	3	2	2	1			
1922	346													1	1	2	3	1	1	1	2	1	1		1	1	1	1	1	1	1					
1923	326							6		1		2	2		1	3	1	1	2	2	2	2	3		3	2	2	2	1	2	1					
1924	345							2		1		2	2		1		2	2	3	2	2	4														
1925	347							4				2	4			1			3	1	2		1													
1932	298	15	20	6		3	3	1		4		4	4				2		2		1	2	1													
1933	266	67	2	2	1			5		4				3		2	1	2		1	1	2	1		1											
1936	345									3		1		1	2	2			1	1	1	3	2	2			1				1					
1937	346							3		3		2	1	2	2	1		4			1															
1938	328							5		7		2	3	2	1	5	2	1			1	4	2	1				1								
1939	335							4		4		1	1	2	2	2	2	1			1	4	3	1		1		1								
1940	322							4		3		3	4	1	2			12	2	2	2		1	1		1	1	2	2		1	1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	4271	4750	100.0	12	3.9	27	270	5.7	24	120	8	54	1.1
1	0.10	82	479	10.1	13	5.2	12	243	5.1	25	150	8	46	.9
2	0.20	22	397	8.4	14	6.9	13	231	4.9	26	200	9	38	.8
3	0.30	8	375	7.9	15	9.1	20	218	4.6	27	270	8	29	.6
4	0.40	1	367	7.7	16	12.0	14	198	4.2	28	360	7	21	.4
5	0.50	6	366	7.7	17	16.0	26	184	3.9	29	470	8	14	.2
6	0.70	3	360	7.6	18	21.0	15	158	3.3	30	630	5	6	.1
7	1.00	36	357	7.5	19	28.0	15	143	3.0	31	830	1	1	
8	1.30	0	321	6.8	20	37.0	17	128	2.7	32	1100			
9	1.70	32	321	6.8	21	49.0	29	111	2.3	33				
10	2.20	0	289	6.1	22	66.0	18	82	1.7	34				
11	2.90	19	289	6.1	23	87.0	10	64	1.3					

HP Isolated historic peak; not part of systematic record.

GILA RIVER BASIN

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09456000 SAN SIMON RIVER NEAR SAN SIMON, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1920	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.01 7	0.12 9
1921	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 1	0.00 1
1922	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	0.11 8
1923	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3	0.22 11
1924	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.00 2
1925	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.00 3
1932	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.05 11	0.06 5
1933	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.11 13	0.13 10
1936	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 6	0.07 7
1937	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.03 8	0.06 6
1938	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.03 9	0.29 12
1939	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.03 12	0.03 10	0.05 4
1940	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.10 13	0.08 12	0.42 13

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1920	570.0 6	339.0 3	175.0 3	82.0 4	44.0 4	22.0 6	15.0 6	11.0 7	7.4 6
1921	1070.0 1	535.0 1	380.0 1	265.0 1	186.0 1	113.0 1	83.0 1	62.0 1	41.0 1
1922	680.0 4	277.0 5	124.0 5	89.0 3	50.0 3	31.0 4	23.0 4	17.0 4	11.0 4
1923	800.0 2	493.0 2	271.0 2	134.0 2	82.0 2	73.0 2	53.0 2	40.0 2	26.0 2
1924	60.0 12	39.0 10	27.0 10	20.0 9	12.0 9	6.6 10	4.4 10	3.3 10	2.2 10
1925	75.0 10	28.0 11	16.0 12	13.0 11	6.5 12	4.8 12	3.3 12	2.5 12	1.6 12
1932	69.0 11	28.0 12	22.0 11	12.0 12	8.4 11	5.3 11	3.5 11	2.7 11	1.8 11
1933	142.0 9	88.0 9	38.0 9	19.0 10	10.0 10	7.7 9	5.5 9	4.1 9	2.7 9
1936	576.0 5	271.0 6	116.0 6	59.0 7	33.0 7	22.0 5	16.0 5	12.0 5	7.9 5
1937	34.0 13	18.0 13	7.7 13	5.2 13	3.2 13	2.5 13	1.7 13	1.3 13	0.9 13
1938	227.0 8	102.0 8	44.0 8	20.0 8	12.0 8	11.0 8	8.4 8	6.3 8	4.1 8
1939	385.0 7	156.0 7	76.0 7	65.0 5	41.0 5	21.0 7	14.0 7	11.0 6	7.0 7
1940	692.0 3	279.0 4	127.0 4	61.0 6	41.0 6	34.0 3	32.0 3	24.0 3	16.0 3

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.65	3.16	0.30	0.02	0.29	0.21	0.22	0.00	3.75	18.0	34.1	6.45
8.60	118	0.26	0.00	0.26	0.22	0.24	0.00	62.6	1598	933	98.0
2.93	10.9	0.51	0.04	0.51	0.47	0.49	0.00	7.91	40.0	30.5	9.90
2.09	3.73	2.10	1.63	1.89	2.98	2.83	*****	2.24	3.17	0.83	1.57
1.77	3.44	1.71	1.79	1.77	2.24	2.27	*****	2.11	2.22	0.90	1.53
2.43	4.63	0.43	0.04	0.42	0.31	0.32	0.00	5.51	26.4	50.1	9.47

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
5.45	34.7	5.89	1.67	1.08	0.193

***** Skewness and coefficient of variation could not be computed owing to a zero-value month.

09457000 SAN SIMON RIVER NEAR SOLOMON, AZ

LOCATION.--Lat 32°48'06", long 109°38'19", in NW¼NE¼ sec.25, T.7 S., R.26 E., Graham County, Hydrologic Unit 15040006, 1.0 mi (1.6 km) southwest of Solomon and 2.2 mi (3.5 km) upstream from mouth.

DRAINAGE AREA.--2,192 mi² (5,677 km²).

REMARKS.--Records fair. Records do not include waste water passing station from San Jose Canal, which diverts from Gila River. Irrigation of about 13,800 acres (55.8 km²) above station, mostly by pumping from ground water. Floodflows are partly regulated by six flood-control detention structures on main stream and tributaries; combined maximum capacity in excess of 10,500 acre-ft (12.9 km³).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT,FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1931	27500	08-09-31		1880	19.0				1932	14700
1932	8800	07-30-32			14.5				1936	13600
1933	4000	07-16-33			9.45				1937	2600
1934	11500	08- -34			15.7				1938	5650
1935	12000	08-01-35			16.35				1939	3220
1936	10600	09-10-36			15.0				1940	12100
1937	2370	08-21-37			7.20				1941	13200
1938	4500	07-12-38			8.90	NM	9.0	08-05-38	1942	8530
1939	2140	08-14-39			6.90				1943	16300
1940	6080	09-05-40			11.0				1944	16700
1941	13000	08-17-41			17.55				1945	8220
1942	5000	09-11-42			10.05				1946	6450
1943	6430	08-15-43			11.43				1947	4050
1944	5900	09-25-44			10.88				1948	4670
1945	7350	08-10-45			12.35				1949	14600
1946	4820	08-30-46			9.91				1950	5640
1947	2700	06-18-47			7.34				1951	5680
1948	5880	08-06-48			10.95				1952	6710
1949	8100	08-08-49			15.55				1953	6400
1950	2060	09-18-50			7.42				1954	27600
1951	7390	08-02-51			14.15				1955	25500
1952	5100	08-17-52			12.4				1956	3290
1953	3970	07-07-53	UR		10.70				1957	20300
1954	6980	09-12-54	UR		14.20				1958	17100
1955	6400	07-30-55	UR		13.71				1959	9470
1956	1520	10-04-55	UR		6.50				1960	2100
1957	8950	08-30-57	UR		18.33				1961	20700
1958	4250	08-16-58	UR		11.40				1962	3900
1959	4610	08-23-59	UR		12.00				1963	3140
1960	3260	09-09-60	UR		9.75				1964	8610
1961	7750	08-22-61	UR		16.50				1965	7550
1962	3970	09-26-62	UR		11.20				1966	5690
1963	5170	08-26-63	UR		13.30				1967	10800
1964	5800	07-14-64	UR		17.78				1968	4060
1965	4880	08-29-65	UR		15.98				1969	2970
1966	2250	09-15-66	UR		9.80				1970	1020
1967	5570	08-12-67	UR		18.1				1971	10800
1968	3870	07-02-68	UR		14.54				1972	10900
1969	2310	07-10-69	UR		10.80				1973	5590
1970	1010	08-17-70	UR		7.90				1974	4770
1971	3310	09-23-71	UR		15.50				1975	4730
1972	4570	08-26-72	UR		19.32					
1973	1820	10-19-72	UR		10.30					
1974	4840	08-15-74	UR		17.83					
1975	3690	09-08-75	UR		14.94					

NM Not maximum gage height for water year.

UR Unknown effect of regulation or diversion.

GILA RIVER BASIN

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09457000 SAN SIMON RIVER NEAR SOLOMON, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
													NUMBER	OF	DAYS	IN	CLASS																			
1932	141					28			15		8	19	24	36	41	21	12	7	4		2					4	2				1	1				
1936	322					8			4				3	1	3	1	1		1	4	2	3	2	3	2	1	1									
1937	342					3			2		1	1	2		3	1	1	2		1	1	2		1	1	1										
1938	324					7			4		1		1	1	3	3		3	1	2	4	2	4	2	2	1	1									
1939	336					4			1		2	1		1	5	3	1	2		3	1	1	1	2		3		1								
1940	312					5			1			3	4		3	2		4	4	2	5	4	4	3	6		3		1							
1941	315		1	1		5			5		2	3			4	2	1	5	4	4	1	2		4	1		1	2	1				1			
1942	326					4			1		2		2		2	3	2		1	3	7	1	3	2	2	3										
1943	323					2					2	2	1	1	3	2	2	3	2	6	2	1	1	4	2	2	1									
1944	330	1		1		4						1	1	1	1	2	3	1	3	1	3	1	3	3	1											
1945	333	1	1	4		1							2	1		1		2	1	1	3	5	1	1	3	1	2		1							
1946	328	1	3	1		2			2		2	1	3	1	3	4		5	1	1	1	2			1				2	1						
1947	327	4	3			3			3		1	1	3		2	1	1		2	2	2	3	3	2	2											
1948	341	2	1	1		1	1				1	1	1	1	3	1		1	3	2		1	1	1	2											
1949	323	3	3		1	2	2		1	1	1	2	1		1	2	1	1	5		1	3	2	1	3	1		1	1		1	2				
1950	331	1	1		4	1	1	1	2		3	1	1			2			5	2	2		3	1		1	1		1							
1951	344	1	1		1		1				2				1	1	1	1	1	2	1	1	1		1			1	1							
1952	344					1	2	1			1			1	1			2	1	2	2	2			1	3		1	2							
1953	333					1	3		2		1	1			3	2	3	1	2	2	2	1		3	1	2		2								
1954	320		1						1		2	1	2	3		3	1	3	5		1	2	1	1	2	5	3	2	3	1	1	1				
1955	315		1		4	2	1			1		1	1	1		2	1	2	3	2	3	6	1	2	3	3	3	2	1	2	2					
1956	340		1			1				1	1	1		3	4	1	2	2	1	1	2	1	1		2		1									
1957	313	1	1			3	1		1	1			1	2	5	3	2	2	1	2	5	3	1	3	3	2	3	2	3							
1958	264	4	3	5	3	2	3	4	5	4	6	2	4	3	6	6	3	5	3	5	6	2	3	3	3	4	4									
1959	326		1	1	3	1	2	1	1	1	1	1	2	1	3	2	3	1	1	3		2	2	1	2	2										
1960	335	1	1	3		2	1	1	2	1	3				2	1	3	2	1	1	3		2													
1961	317	3	1	1	2	4			1	1	1				3		3	3		3	2	2	4		4	3		1	3	2	1					
1962	341	2			1	3			1							1		5	4	2			3		1											
1963	334	1	2			1				1	1	2	3	1	2		2	4	3	1	3	1	3	1		1	2									
1964	333						1					2	1	2	2	2	2	1	1	3	1	4	3	1	2	2	1	2								
1965	334						1	1	1		1		2	1	2	2	2	2	2	2	2	1	2	3	3	1	1	2		1						
1966	333								1		1	1	1	1	1	3	2	2	3	4	1	3	2	3	2				1							
1967	331									1	2	1			5	2	3	2	1	3	6	1		2	1											
1968	343													1	2	2	5	1	2	2	3			3	1											
1969	343		1				1								1	4		2	1	3	1	3	1	1	1	2										
1970	355											1			1		2			1	3	2														
1971	336					1									2	1	3	2	1	3	1	1	1	4	3	2		4								
1972	325					1	1				1	3	2		3	1	5	4	4	4	2	4		1	1	2		1	2							
1973	337					1	1		2			1			2		2		1	6	5	1	2		1	2		1	2				1			
1974	340		1	1							1	2		1		2	3		1	3	1		1	1	1	2		1								
1975	344				1					1			1		1	1	2	1	2	1	2	1	2	1	2	3		1	1							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	13334	14976	100.0	12	5.4	67	1236	8.3	24	220	66	246	1.6
1	0.10	26	1642	11.0	13	7.4	69	1169	7.8	25	300	56	180	1.2
2	0.20	27	1616	10.8	14	10.0	132	1100	7.3	26	400	39	124	.8
3	0.30	19	1589	10.6	15	14.0	89	968	6.5	27	550	24	85	.5
4	0.50	12	1570	10.5	16	19.0	82	879	5.9	28	750	30	61	.4
5	0.60	25	1558	10.4	17	25.0	83	797	5.3	29	1000	18	31	.2
6	0.90	107	1533	10.2	18	34.0	82	714	4.8	30	1400	9	13	
7	1.20	10	1426	9.5	19	47.0	94	632	4.2	31	1900	4	4	
8	1.60	58	1416	9.5	20	64.0	94	538	3.6	32	2600			
9	2.20	17	1358	9.1	21	87.0	74	444	3.0	33				
10	2.90	46	1341	9.0	22	120.0	62	370	2.5	34				
11	4.00	59	1295	8.6	23	160.0	62	308	2.1					

09457000 SAN SIMON RIVER NEAR SOLOMON, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1932	0.00 1	0.00 1	0.00 1	0.00 1	0.07 42	0.60 42	2.60 42	4.30 42	6.00 42
1936	0.00 2	0.00 2	0.00 2	0.00 2	0.00 1	0.00 1	0.00 1	0.04 39	0.07 32
1937	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	0.00 2	0.00 2	0.00 1	0.00 1
1938	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3	0.00 3	0.00 3	0.15 40	0.11 33
1939	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.00 4	0.00 4	0.00 2	0.00 2
1940	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.00 5	0.00 5	0.00 3	1.40 39
1941	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	0.00 6	0.36 41	1.10 41	2.00 40
1942	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	0.00 7	0.00 6	0.00 4	0.00 3
1943	0.00 9	0.00 9	0.00 9	0.00 9	0.00 8	0.00 8	0.00 7	0.00 5	0.00 4
1944	0.00 10	0.00 10	0.00 10	0.00 10	0.00 9	0.00 9	0.00 8	0.00 6	0.00 5
1945	0.00 11	0.00 11	0.00 11	0.00 11	0.00 10	0.00 10	0.00 9	0.00 7	0.00 6
1946	0.00 12	0.00 12	0.00 12	0.00 12	0.00 11	0.00 11	0.00 10	0.00 8	0.00 7
1947	0.00 13	0.00 13	0.00 13	0.00 13	0.00 12	0.00 12	0.00 11	0.00 9	0.01 29
1948	0.00 14	0.00 14	0.00 14	0.00 14	0.00 13	0.00 13	0.00 12	0.00 10	0.00 8
1949	0.00 15	0.00 15	0.00 15	0.00 15	0.00 14	0.00 14	0.00 13	0.00 11	0.52 38
1950	0.00 16	0.00 16	0.00 16	0.00 16	0.00 15	0.00 15	0.00 14	0.00 12	0.00 9
1951	0.00 17	0.00 17	0.00 17	0.00 17	0.00 16	0.00 16	0.00 15	0.00 13	0.25 36
1952	0.00 18	0.00 18	0.00 18	0.00 18	0.00 17	0.00 17	0.00 16	0.00 14	0.00 10
1953	0.00 19	0.00 19	0.00 19	0.00 19	0.00 18	0.00 18	0.00 17	0.00 15	0.03 30
1954	0.00 20	0.00 20	0.00 20	0.00 20	0.00 19	0.00 19	0.00 18	0.00 16	0.00 11
1955	0.00 21	0.00 21	0.00 21	0.00 21	0.00 20	0.00 20	0.00 19	0.00 17	0.00 12
1956	0.00 22	0.00 22	0.00 22	0.00 22	0.00 21	0.00 21	0.00 20	0.00 18	0.00 13
1957	0.00 23	0.00 23	0.00 23	0.00 23	0.00 22	0.00 22	0.00 21	0.00 19	0.07 31
1958	0.00 24	0.00 24	0.00 24	0.00 24	0.00 23	0.00 23	0.02 40	0.02 38	2.30 41
1959	0.00 25	0.00 25	0.00 25	0.00 25	0.00 24	0.00 24	0.00 22	0.00 20	0.00 14
1960	0.00 26	0.00 26	0.00 26	0.00 26	0.00 25	0.00 25	0.00 23	0.00 21	0.00 15
1961	0.00 27	0.00 27	0.00 27	0.00 27	0.00 26	0.00 26	0.00 24	0.00 22	0.00 16
1962	0.00 28	0.00 28	0.00 28	0.00 28	0.00 27	0.00 27	0.00 25	0.00 23	0.19 34
1963	0.00 29	0.00 29	0.00 29	0.00 29	0.00 28	0.00 28	0.00 26	0.00 24	0.00 17
1964	0.00 30	0.00 30	0.00 30	0.00 30	0.00 29	0.00 29	0.00 27	0.00 25	0.00 18
1965	0.00 31	0.00 31	0.00 31	0.00 31	0.00 30	0.00 30	0.00 28	0.00 26	0.21 35
1966	0.00 32	0.00 32	0.00 32	0.00 32	0.00 31	0.00 31	0.00 29	0.00 27	0.42 37
1967	0.00 33	0.00 33	0.00 33	0.00 33	0.00 32	0.00 32	0.00 30	0.00 28	0.00 19
1968	0.00 34	0.00 34	0.00 34	0.00 34	0.00 33	0.00 33	0.00 31	0.00 29	0.00 20
1969	0.00 35	0.00 35	0.00 35	0.00 35	0.00 34	0.00 34	0.00 32	0.00 30	0.00 21
1970	0.00 36	0.00 36	0.00 36	0.00 36	0.00 35	0.00 35	0.00 33	0.00 31	0.00 22
1971	0.00 37	0.00 37	0.00 37	0.00 37	0.00 36	0.00 36	0.00 34	0.00 32	0.00 23
1972	0.00 38	0.00 38	0.00 38	0.00 38	0.00 37	0.00 37	0.00 35	0.00 33	0.00 24
1973	0.00 39	0.00 39	0.00 39	0.00 39	0.00 38	0.00 38	0.00 36	0.00 34	0.00 25
1974	0.00 40	0.00 40	0.00 40	0.00 40	0.00 39	0.00 39	0.00 37	0.00 35	0.00 26
1975	0.00 41	0.00 41	0.00 41	0.00 41	0.00 40	0.00 40	0.00 38	0.00 36	0.00 27

GILA RIVER BASIN

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09457000 SAN SIMON RIVER NEAR SOLOMON, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1932	1610.0 8	684.0 13	363.0 13	203.0 14	105.0 16	62.0 16	41.0 20	34.0 17	25.0 15
1936	1080.0 13	654.0 14	291.0 14	177.0 17	156.0 9	111.0 9	75.0 9	57.0 9	37.0 9
1937	352.0 36	135.0 39	62.0 39	32.0 39	25.0 38	14.0 40	15.0 38	11.0 38	7.1 38
1938	395.0 35	194.0 35	83.0 36	69.0 32	44.0 34	34.0 29	28.0 24	21.0 25	14.0 25
1939	539.0 29	202.0 34	95.0 35	86.0 29	48.0 31	27.0 34	18.0 35	14.0 35	8.9 35
1940	782.0 23	334.0 28	143.0 30	99.0 28	69.0 26	61.0 19	47.0 16	39.0 14	25.0 16
1941	2010.0 2	985.0 8	468.0 8	229.0 11	117.0 15	93.0 10	65.0 10	48.0 10	34.0 10
1942	1010.0 14	473.0 17	246.0 20	139.0 21	74.0 22	62.0 17	42.0 18	31.0 20	21.0 18
1943	1390.0 11	727.0 12	457.0 10	326.0 6	227.0 5	121.0 7	85.0 7	65.0 7	42.0 7
1944	1480.0 10	1170.0 4	681.0 5	327.0 5	177.0 7	127.0 5	94.0 5	70.0 5	46.0 5
1945	818.0 21	404.0 21	268.0 16	205.0 13	127.0 14	65.0 15	43.0 17	33.0 18	21.0 19
1946	974.0 16	590.0 15	253.0 18	118.0 25	59.0 28	29.0 31	20.0 31	15.0 32	9.7 32
1947	292.0 39	169.0 36	116.0 33	78.0 31	48.0 32	29.0 32	20.0 32	17.0 29	11.0 29
1948	764.0 24	343.0 27	161.0 27	110.0 26	76.0 21	39.0 25	26.0 28	20.0 26	13.0 26
1949	1740.0 6	1450.0 1	709.0 3	335.0 4	194.0 6	113.0 8	80.0 8	60.0 8	40.0 8
1950	861.0 18	460.0 20	231.0 22	142.0 19	85.0 20	44.0 23	31.0 22	24.0 22	15.0 23
1951	829.0 20	570.0 16	258.0 17	185.0 16	93.0 18	47.0 22	31.0 23	23.0 23	16.0 22
1952	973.0 17	467.0 19	219.0 23	136.0 22	71.0 23	40.0 24	27.0 25	22.0 24	14.0 24
1953	488.0 30	345.0 26	186.0 26	120.0 24	103.0 17	53.0 21	36.0 21	27.0 21	18.0 21
1954	2560.0 1	1240.0 3	700.0 4	503.0 3	341.0 2	227.0 1	155.0 1	116.0 1	76.0 1
1955	1810.0 5	1030.0 6	873.0 1	566.0 1	383.0 1	211.0 2	141.0 2	106.0 2	69.0 2
1956	459.0 32	326.0 29	144.0 29	67.0 33	34.0 37	17.0 38	11.0 39	8.4 39	5.5 39
1957	1500.0 9	1010.0 7	605.0 6	322.0 7	265.0 4	168.0 4	112.0 4	85.0 4	56.0 4
1958	1290.0 12	737.0 11	387.0 12	285.0 9	176.0 8	121.0 6	89.0 6	68.0 6	45.0 6
1959	1010.0 15	778.0 10	424.0 11	211.0 12	151.0 11	79.0 13	53.0 13	40.0 13	26.0 13
1960	304.0 37	149.0 37	66.0 37	31.0 40	17.0 40	15.0 39	10.0 40	7.7 40	5.0 40
1961	1710.0 7	1330.0 2	810.0 2	534.0 2	309.0 3	174.0 3	116.0 3	87.0 3	57.0 3
1962	837.0 19	289.0 30	124.0 31	63.0 34	39.0 35	24.0 35	19.0 33	15.0 33	9.6 33
1963	303.0 38	214.0 33	146.0 28	84.0 30	46.0 33	24.0 36	16.0 37	12.0 36	8.0 37
1964	625.0 27	396.0 22	252.0 19	139.0 20	71.0 24	54.0 20	48.0 15	36.0 16	23.0 17
1965	805.0 22	469.0 18	270.0 15	175.0 18	89.0 19	61.0 18	41.0 19	31.0 19	20.0 20
1966	651.0 26	227.0 32	116.0 34	63.0 35	51.0 30	33.0 30	22.0 30	17.0 30	11.0 30
1967	2000.0 3	953.0 9	468.0 9	283.0 10	148.0 12	88.0 11	60.0 11	45.0 11	30.0 11
1968	413.0 34	138.0 38	66.0 38	51.0 37	39.0 36	27.0 33	18.0 34	14.0 34	8.9 34
1969	288.0 40	127.0 40	59.0 40	35.0 38	24.0 39	19.0 37	17.0 36	12.0 37	8.2 36
1970	96.0 41	61.0 41	43.0 41	24.0 41	14.0 41	8.4 41	5.7 41	4.3 41	2.8 41
1971	655.0 25	387.0 24	211.0 24	193.0 15	131.0 13	73.0 14	51.0 14	38.0 15	25.0 14
1972	1980.0 4	1100.0 5	497.0 7	302.0 8	155.0 10	86.0 12	57.0 12	43.0 12	28.0 12
1973	439.0 33	356.0 25	200.0 25	104.0 27	69.0 25	35.0 27	23.0 29	17.0 31	11.0 31
1974	466.0 31	267.0 31	120.0 32	62.0 36	53.0 29	35.0 28	27.0 26	20.0 27	13.0 27
1975	568.0 28	388.0 23	245.0 21	129.0 23	64.0 27	37.0 26	26.0 27	19.0 28	13.0 28

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
9.46	0.75	1.27	0.13	0.96	0.23	0.61	0.46	1.56	32.8	85.7	26.4
329	4.25	19.9	0.13	10.2	0.85	7.22	3.29	17.4	2090	7423	1205
18.1	2.06	4.46	0.36	3.19	0.92	2.69	1.81	4.17	45.7	86.2	34.7
2.40	2.81	4.56	2.70	3.50	5.16	4.62	5.07	3.64	3.76	1.39	2.29
1.92	2.75	3.51	2.72	3.31	4.00	4.40	3.91	2.67	1.39	1.00	1.31
5.90	0.47	0.79	0.08	0.60	0.14	0.38	0.29	0.97	20.4	53.4	16.5

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
12.8	80.1	8.95	1.15	0.70	0.146

GILA RIVER BASIN

09458200 DEADMAN CREEK NEAR SAFFORD, AZ

LOCATION.--Lat 32°43'59", Long 109°48'57", in SW¼ sec.17, T.8 S., R.25 E. (unsurveyed), Graham County, in Coronado National Forest, on left bank 9 mi (14 km) southwest of Safford.

DRAINAGE AREA.--4.78 mi² (12.38 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1967	89	08-11-67	3.25	1968	2050
1968	96	12-19-67	3.30	1969	321
1969	12	12-26-68	2.40	1970	313
1970	21	08-07-70	2.56	1971	61
1971	12	09-08-71	2.39	1972	611
1972	82	08-26-72	3.20	1973	2700
1973	119	10-19-72	3.45	1974	214
1974	57	08-06-74	3.00	1975	1310
1975	82	09-06-75	3.20		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1968									56	19	14	17	29	12	5	13	11	24	24	27	33	37	27	9	3	3	2	1								
1969	7	13	5	6	5	11	9		92	37	58	29	22	6	16	29	6	13	1																	
1970	70	3	5	6	7	5	4		88	35	16	27	35	18	11	8	7	8	8	1	2		1													
1971	103	5	12	3	13	8	4		157	48	8	1	3																							
1972	44	11	5	6	7	9	8		46	52	25	50	39	11	17	8	7	7	1	1	3	1	1		2	1	2			1	1					
1973		13	5	5	3	5	8		16	1	18	17	20	17	16	23	27	24	14	5	17	28	20	26	14	13	7	1	2							
1974	68	10	4	3	4	1	8		144	54	16	9	15	9	1	3	3	5	3	2	1	2														
1975		3	6	9	4	3	3		11	15	27	36	52	16	12	18	19	34	25	37	16	7	5	2	1	1		1	1	1						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	292	2922	100.0	12	0.5	215	1124	38.5	24	10	20	58	1.9
1	0.01	58	2630	90.0	13	0.7	89	909	31.1	25	13	18	38	1.3
2	0.02	42	2572	88.0	14	0.9	78	820	28.1	26	17	11	20	.6
3	0.03	38	2530	86.6	15	1.1	102	742	25.4	27	21	3	9	.3
4	0.04	43	2492	85.3	16	1.4	80	640	21.9	28	27	4	6	.2
5	0.05	42	2449	83.8	17	1.8	115	560	19.2	29	35	2	2	
6	0.07	44	2407	82.4	18	2.3	75	445	15.2	30				
7	0.09	0	2363	80.9	19	2.9	74	370	12.7	31				
8	0.10	610	2363	80.9	20	3.8	72	296	10.1	32				
9	0.20	261	1753	60.0	21	4.8	75	224	7.7	33				
10	0.30	182	1492	51.1	22	6.2	54	149	5.1	34				
11	0.40	186	1310	44.8	23	7.9	37	95	3.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1968	0.15 9	0.15 9	0.15 9	0.15 9	0.17 9	0.18 9	0.84 9	1.30 9	2.70 8
1969	0.00 1	0.00 1	0.00 1	0.01 6	0.06 8	0.10 6	0.11 5	0.16 4	0.33 5
1970	0.00 2	0.00 2	0.00 2	0.00 1	0.00 1	0.02 3	0.07 4	0.16 5	0.30 4
1971	0.00 3	0.00 3	0.00 3	0.00 2	0.00 2	0.00 1	0.00 1	0.00 1	0.04 1
1972	0.00 4	0.00 4	0.00 4	0.00 3	0.00 3	0.02 2	0.04 2	0.08 2	0.19 3
1973	0.01 7	0.01 7	0.01 7	0.01 7	0.03 6	0.11 7	0.31 7	1.10 8	3.50 9
1974	0.00 5	0.00 5	0.00 5	0.00 4	0.00 4	0.04 4	0.07 3	0.11 3	0.13 2
1975	0.01 8	0.01 8	0.02 8	0.02 8	0.04 7	0.16 8	0.45 8	0.82 7	1.30 7

GILA RIVER BASIN

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09458200 DEADMAN CREEK NEAR SAFFORD, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1968	22.0 4	18.0 4	15.0 4	10.0 3	7.6 2	5.9 2	5.6 2	5.7 2	5.0 2
1969	3.6 7	2.1 7	2.1 7	2.0 7	1.6 6	1.3 5	1.0 6	0.9 6	0.7 5
1970	6.4 5	4.2 6	2.7 6	2.3 6	1.7 5	1.2 6	1.1 5	0.9 5	0.7 6
1971	0.6 8	0.4 8	0.3 8	0.3 8	0.3 8	0.2 8	0.2 8	0.2 8	0.2 8
1972	40.0 1	30.0 1	17.0 2	9.0 4	5.1 4	2.9 4	2.7 4	2.1 4	1.5 4
1973	31.0 3	24.0 3	17.0 3	16.0 1	13.0 1	10.0 1	8.9 1	8.3 1	6.2 1
1974	5.1 6	4.6 5	3.3 5	2.3 5	1.4 7	0.9 7	0.8 7	0.6 7	0.5 7
1975	35.0 2	29.0 2	18.0 1	11.0 2	6.0 3	3.3 3	3.2 3	2.7 3	2.4 3

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.93	0.58	1.22	0.89	1.53	1.82	1.78	2.97	1.09	0.26	0.40	0.99
2.08	0.43	2.42	0.86	5.98	5.78	5.02	17.5	2.41	0.09	0.27	3.58
1.44	0.66	1.56	0.93	2.44	2.40	2.24	4.18	1.55	0.30	0.52	1.89
1.98	1.26	1.53	1.51	1.91	1.56	1.61	1.80	1.32	0.75	1.41	2.88
1.55	1.13	1.28	1.04	1.60	1.32	1.26	1.41	1.43	1.15	1.30	1.92
6.46	4.03	8.43	6.16	10.6	12.6	12.3	20.6	7.51	1.83	2.76	6.82

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.31	1.80	1.34	1.07	1.02	-0.284

GILA RIVER BASIN

09458500 GILA RIVER AT SAFFORD, AZ

LOCATION.--Lat 32°50'50", long 109°42'55", in SW¼SW¼ sec.5, T.7 S., R.26 E., on downstream side of highway bridge 1 mi (1.6 km) north of Safford and 4.5 mi (7.2 km) downstream from San Simon River.

DRAINAGE AREA.--10,459 mi² (27,089 km²).

WATER YEAR	ANNUAL PEAK DISCH., CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK, FT	CODE	ANNUAL MAX GAGE HT. FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1940	8600	09-06-40					1941	809000
1941	33000	09-30-41					1942	259000
1942	7800	12-12-41		NM	7.45	09-14-42	1943	89200
1943	5780	09-27-43	7.15	NM	7.35	08-24-43	1944	74400
1944	13600	09-26-44	10.4				1945	127000
1945	5320	08-03-45	7.9				1946	66000
1946	6340	10-09-45	8.00				1947	173000
1947	4600	08-31-47	7.3				1948	343000
1948	6090	08-07-48	9.34				1949	113000
1949	23900	01-14-49	13.1				1950	221000
1950	1860	07-30-50	5.50				1951	62700
1951	6390	08-03-51	8.75				1952	334000
1952	15700	01-19-52	11.42				1953	197000
1953	2670	07-07-53	6.56				1954	103000
1954	10300	08-31-57	10.4				1955	119000
1955	9660	09-13-58	9.9					
1956	8810	08-28-59	9.6					
1957	15400	01-12-60	12.0					
1958	6990	08-22-61	9.75					
1959	16200	09-27-62	13.06					
1960	7460	10-19-62	11.05					
1961	7330	07-15-64	11.18					
1962	4900	08-29-65	10.10					

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
													NUMBER	OF	DAYS	IN	CLASS																			
1941							1		3	1	2	5		3	5	11	19	23	26	25	17	20	16	13	35	35	42	37	14	5	3	3		1	34	
1942								2	6	22	15	13	24	11	8	8	10	5	5	20	42	109	35	14	5	3	5	1	1	1						
1943	34							5	9	5	7	14	18	30	21	27	32	47	21	30	36	5	4	5	6	2	4	2	1							
1944	42							2	7	5	8	22	14	25	46	61	52	25	27	3	6	4	1	5	2	1	3	3	1	1						
1945	24	1	2		1	1			4	2	5	16	11	21	9	17	18	24	25	19	38	54	48	22	1	1	1									
1946	22		2			1	1		3	3	14	22	13	54	53	21	14	12	19	26	59	13	8	2			2	1								
1947	63	4	3	4	8	4	13	6	7	6	8	4	5	2	5	15	50	27	59	8	7	11	6	7	7	7	5	7	7							
1948	2	1	1	2	1	2	4	3	5	2	3	4	5	7	4	22	17	46	58	38	33	15	14	14	8	17	11	11	10	2	3					
1949	43	5	6	4	3	7	8	9	2	7	10	16	18	14	9	16	23	31	52	24	14	10	7	7	7	4	3	2	3	1						
1950	39	7	4	3	5	8	11	12	8	11	5	5	11	14	20	7	19	27	18	22	8	14	25	12	28	6	8	4	2	1	2					
1951	78			1	1	2	3	2	2	4	5	1	20	27	34	21	28	26	55	21	11	3	6	4	4	2	4									
1952	9	1		1		6	2	8	15	15	5	10	2	8	8	9	22	19	19	19	14	22	38	33	44	13	7	5	8	1	2					
1953	57				1	2			2	3		4	2	2	17	12	22	34	35	17	22	42	25	21	26	9	3	6	1							
1954	31	2	3	5	2	4	11	2	2		14	11	13	13	29	38	27	14	38	36	29	10	6	7	6	4	4	1	2							
1955	14	2	1		2	4	5	2		5	4	6	5	3	7	25	34	36	35	32	31	67	29	8	3	3	1	1								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	458	5478	100.0	12	8.2	150	4365	79.7	24	670	191	563	10.2
1	0.10	23	5020	91.6	13	12.0	247	4215	76.9	25	970	109	372	6.7
2	0.20	22	4997	91.2	14	17.0	278	3968	72.4	26	1400	181	263	4.8
3	0.30	20	4975	90.8	15	25.0	310	3690	67.4	27	2000	85	162	2.9
4	0.40	23	4955	90.5	16	36.0	385	3380	61.7	28	2900	50	77	1.4
5	0.60	40	4932	90.0	17	51.0	401	2995	54.7	29	4200	12	27	.4
6	0.90	68	4892	89.3	18	74.0	492	2594	47.4	30	6100	9	15	.2
7	1.30	44	4824	88.1	19	110.0	325	2102	38.4	31	8800	5	6	.1
8	1.90	71	4780	87.3	20	150.0	345	1777	32.4	32	13000		1	
9	2.70	77	4709	86.0	21	220.0	332	1432	26.1	33	18000	1	1	
10	3.90	112	4632	84.6	22	320.0	342	1100	20.1	34				
11	5.70	155	4520	82.5	23	470.0	195	758	13.8					

NM Not maximum gage height for water year.

GILA RIVER BASIN

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09458500 GILA RIVER AT SAFFORD, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1941	1.00 14	2.70 15	7.70 15	20.00 15	39.00 15	103.00 15	219.00 15	200.00 15	655.00 15
1942	2.00 15	2.30 14	3.00 14	4.80 13	5.30 13	6.90 11	14.00 10	42.00 9	105.00 9
1943	0.00 1	0.00 1	0.00 1	0.00 1	0.20 7	4.50 9	11.00 9	23.00 8	65.00 8
1944	0.00 2	0.00 2	0.00 2	0.00 2	0.00 1	3.20 7	9.10 7	12.00 4	20.00 1
1945	0.00 3	0.00 3	0.00 3	0.01 8	1.00 11	5.80 10	42.00 11	107.00 14	158.00 12
1946	0.00 4	0.00 4	0.00 4	0.01 9	0.50 9	4.20 8	9.10 8	14.00 5	49.00 6
1947	0.00 5	0.00 5	0.00 5	0.00 3	0.15 6	0.22 2	0.45 1	44.00 10	54.00 7
1948	0.00 6	0.40 13	1.40 13	6.30 14	13.00 14	26.00 14	45.00 13	97.00 13	457.00 14
1949	0.00 7	0.00 6	0.01 10	0.03 10	0.06 4	0.31 3	1.80 2	3.70 1	20.00 2
1950	0.00 8	0.00 7	0.00 6	0.00 4	0.14 5	3.10 6	7.90 5	8.70 2	33.00 4
1951	0.00 9	0.00 8	0.00 7	0.00 5	0.00 2	1.00 5	4.60 3	21.00 7	42.00 5
1952	0.00 10	0.00 9	0.04 11	0.58 12	2.70 12	13.00 12	49.00 14	62.00 11	176.00 13
1953	0.00 11	0.00 10	0.00 8	0.00 6	0.00 3	0.05 1	5.30 4	20.00 6	108.00 10
1954	0.00 12	0.00 11	0.00 9	0.00 7	0.34 8	0.70 4	9.00 6	11.00 3	26.00 3
1955	0.00 13	0.00 12	0.07 12	0.18 11	0.64 10	13.00 13	44.00 12	79.00 12	141.00 11

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1941	21800.0 1	10800.0 1	5560.0 1	3750.0 1	2850.0 1	2560.0 1	2440.0 1	2180.0 1	1870.0 1
1942	8580.0 3	4790.0 5	3230.0 5	1950.0 6	1210.0 6	805.0 6	807.0 5	732.0 5	592.0 5
1943	3160.0 10	2300.0 9	1560.0 10	940.0 9	501.0 11	315.0 13	256.0 13	217.0 13	158.0 13
1944	4770.0 6	3220.0 7	1880.0 8	914.0 10	525.0 9	464.0 9	327.0 11	245.0 11	166.0 12
1945	1970.0 14	1130.0 15	726.0 14	586.0 13	471.0 12	388.0 10	341.0 10	316.0 8	260.0 8
1946	2160.0 12	1510.0 12	696.0 15	369.0 15	270.0 15	188.0 15	148.0 15	111.0 15	104.0 15
1947	4150.0 8	3030.0 8	2560.0 7	2310.0 5	1830.0 3	1200.0 3	807.0 6	612.0 6	425.0 6
1948	7650.0 5	6010.0 3	4390.0 3	3480.0 2	2370.0 2	1930.0 2	1370.0 2	1050.0 2	733.0 3
1949	4370.0 7	3520.0 6	2670.0 6	1840.0 7	1070.0 7	588.0 8	394.0 8	296.0 9	195.0 9
1950	9580.0 2	7990.0 2	4520.0 2	2530.0 3	1680.0 5	1150.0 5	1010.0 4	815.0 4	596.0 4
1951	1720.0 15	1200.0 14	764.0 13	574.0 14	468.0 13	281.0 14	188.0 14	142.0 14	108.0 14
1952	7920.0 4	5600.0 4	3400.0 4	2460.0 4	1820.0 4	1190.0 4	1110.0 3	938.0 3	758.0 2
1953	3070.0 11	2140.0 10	1620.0 9	1270.0 8	965.0 8	655.0 7	479.0 7	388.0 7	315.0 7
1954	3460.0 9	2070.0 11	1280.0 11	764.0 11	521.0 10	384.0 11	344.0 9	258.0 10	175.0 11
1955	2080.0 13	1430.0 13	861.0 12	673.0 12	416.0 14	384.0 12	274.0 12	232.0 12	183.0 10

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
177	137	281	563	468	552	331	149	21.3	90.1	409	356
76750	14540	161100	603900	381900	699300	257500	136400	1155	11770	157900	103600
277	121	401	777	618	836	507	369	34.0	109	397	322
3.31	1.07	1.89	2.02	1.90	1.77	1.99	3.87	2.32	2.51	2.33	1.13
1.56	0.88	1.43	1.38	1.32	1.52	1.53	2.47	1.60	1.20	0.97	0.90
5.01	3.88	7.94	15.9	13.2	15.6	9.38	4.23	0.60	2.55	11.6	10.1

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
284	69120	263	2.53	0.92	0.180

GILA RIVER BASIN

09460150 FRYE CREEK NEAR THATCHER, AZ

LOCATION.--Lat 32°44'32", long 109°50'24", in NE¼ sec.13, T.8 S., R.24 E. (unsurveyed), Graham County, in Coronado National Forest, on right bank and 9 mi (14 km) southwest of Thatcher.

DRAINAGE AREA.--3.91 mi² (10.13 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1967	2.2	08-11-67	1.21	1968	1970
1968	17	05-29-68	1.56	1969	367
1969	3.2	05-23-69	1.25	1970	351
1970	30	09-06-70	1.82	1971	93
1971	.83	10-03-70	1.10	1972	438
1972	36	10-24-71	1.83	1973	2540
1973	51	10-19-72	1.89	1974	301
1974	42	08-06-74	1.83	1975	1500
1975	96	09-06-75	2.14		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1968																																			
1969	23	11	8	10	4		11	5	56	56	52	24	12	20	19	8	17	10	8	11															
1970	63	8	9	5	2	1	9	20	27	64	21	5	46	37	9	9	8																		
1971	115	3	7		6		5	14	93	89	22	4	4	3																					
1972	72		2	5	5		2	5	16	27	25	51	52	53	25	2	5	5	2	2	3	2	1	2											
1973	4		1	1	2		9	10	20	5	2	3	6	27	33	15	37	24	21	24	34	17	10	8	15	15	13	7	1	1					
1974	111	1		1	2		4	9	43	72	14	36	20	21	2	2	5	7	3	4	4	2	1	1											
1975							2	9	17	3	12	43	44	36		20	27	40	25	29	10	19	15	4	5			1	1	2	1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	388	2922	100.0	12	0.5	198	1389	47.5	24	8	29	94	3.2
1	0.01	23	2534	86.7	13	0.6	225	1191	40.8	25	11	32	65	2.2
2	0.02	27	2511	85.9	14	0.8	175	966	33.1	26	14	19	33	1.1
3	0.03	22	2484	85.0	15	1.0	64	791	27.1	27	17	9	14	.4
4	0.04	21	2462	84.3	16	1.2	122	727	24.9	28	22	3	5	.1
5	0.05	1	2441	83.5	17	1.6	106	605	20.7	29	28	2	2	
6	0.06	40	2440	83.5	18	2.0	85	499	17.1	30				
7	0.08	65	2400	82.1	19	2.5	103	414	14.2	31				
8	0.10	264	2335	79.9	20	3.2	77	311	10.6	32				
9	0.20	390	2071	70.9	21	4.1	72	234	8.0	33				
10	0.30	147	1681	57.5	22	5.2	34	162	5.5	34				
11	0.40	145	1534	52.5	23	6.6	34	128	4.4					

GILA RIVER BASIN

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09460150 FRYE CREEK NEAR THATCHER, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1968	0.20 9	0.20 9	0.21 9	0.23 9	0.24 9	0.26 8	0.40 7	0.52 7	1.50 8
1969	0.00 1	0.00 1	0.00 1	0.00 1	0.01 5	0.07 5	0.06 3	0.20 5	0.33 5
1970	0.00 2	0.00 2	0.00 2	0.00 2	0.00 1	0.03 4	0.13 5	0.16 4	0.23 3
1971	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	0.00 1	0.00 1	0.00 1	0.04 1
1972	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3	0.01 3	0.07 4	0.14 3	0.29 4
1973	0.00 5	0.00 5	0.01 7	0.04 7	0.07 7	0.19 7	0.56 8	1.50 9	2.30 9
1974	0.00 6	0.00 6	0.00 5	0.00 5	0.00 4	0.00 2	0.03 2	0.06 2	0.14 2
1975	0.09 8	0.10 8	0.13 8	0.16 8	0.20 8	0.44 9	0.86 9	1.10 8	1.40 7

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1968	14.0 4	14.0 3	13.0 3	13.0 2	11.0 2	8.4 2	6.8 2	6.0 2	4.6 2
1969	3.0 7	3.0 7	3.0 7	2.7 6	2.3 4	1.7 4	1.4 5	1.1 5	0.9 5
1970	13.0 5	6.9 6	3.9 6	2.7 7	2.0 6	1.3 6	1.0 7	0.9 6	0.7 6
1971	0.8 8	0.7 8	0.6 8	0.5 8	0.4 8	0.3 8	0.2 8	0.2 8	0.2 8
1972	17.0 3	9.3 4	5.5 4	3.5 4	2.2 5	1.3 7	1.5 4	1.2 4	1.0 4
1973	28.0 2	24.0 2	17.0 2	16.0 1	14.0 1	11.0 1	8.5 1	7.1 1	5.2 1
1974	11.0 6	7.7 5	4.9 5	3.3 5	1.9 7	1.6 5	1.1 6	0.8 7	0.7 7
1975	33.0 1	27.0 1	19.0 1	11.0 3	6.0 3	4.1 3	3.4 3	3.1 3	2.8 3

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.15	0.71	0.60	0.62	0.87	1.23	1.55	3.62	2.03	0.35	0.56	1.19
3.92	0.92	0.31	0.18	1.27	1.58	2.71	22.5	7.89	0.27	0.60	3.59
1.98	0.96	0.56	0.43	1.13	1.26	1.65	4.74	2.81	0.52	0.78	1.89
2.55	1.31	1.27	0.73	2.19	0.90	1.39	1.47	1.25	1.20	1.41	2.58
1.72	1.35	0.92	0.69	1.30	1.02	1.06	1.31	1.39	1.49	1.37	1.60
7.96	4.92	4.17	4.31	6.01	8.49	10.7	25.0	14.0	2.40	3.90	8.20

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
1.30	1.63	1.28	0.94	0.98	-0.305

GILA RIVER BASIN

09466500 GILA RIVER AT CALVA, AZ
(National stream-quality accounting network station)

LOCATION.--Lat 34°11'08", long 110°13'10", in SW¼ sec.8, T.3 S., R.21 E. (unsurveyed), Graham County, Hydrologic Unit 1504005, in San Carlos Indian Reservation, on right upstream abutment of Southern Pacific Railroad bridge at head of San Carlos Reservoir, 2.0 mi (3.2 km) west of Calva.

DRAINAGE AREA.--11,470 mi² (29,710 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT.FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1916	100000	01-20-16	ES HP	1906					1930	210000
1930	9600	07-29-30			7.40				1931	290000
1931	9900	08-11-31			7.12				1932	442000
1932	21500	02-12-32			9.7				1933	149000
1933	6560	09-09-33			6.23				1934	160000
1934	18000	08-28-34			9.35				1935	149000
1935	4470	07-31-35			6.24				1935	149000
1936	6000	09-11-36			6.22	NM	6.56	02-18-36	1936	150000
1937	12800	02-09-37			9.37				1937	318000
1938	4310	03-05-38			6.08				1938	106000
1939	4260	08-07-39			6.49	NM	6.60	09-17-39	1939	91500
1940	5620	10-09-39			7.15				1940	158000
1941	14300	01-02-41			9.44				1941	804000
1942	27900	10-01-41			11.82				1942	314000
1943	3710	09-28-43			5.76				1943	103000
1944	12800	09-27-44			9.48				1944	80700
1945	3390	08-03-45			6.00	NM	6.02	08-12-45	1945	132000
1946	4680	10-10-45			6.40				1946	55600
1947	3200	08-24-47			6.20				1947	45600
1948	2570	08-07-48			6.06				1948	63500
1949	19400	01-15-49			11.47				1949	422000
1950	3210	07-30-50			5.30				1950	37400
1951	2970	08-04-51			5.97				1951	35300
1952	13200	01-20-52			11.45				1952	192000
1953	2040	07-30-53			4.93				1953	42900
1954	4260	03-25-54			7.13				1954	116000
1955	4950	08-04-55			10.31				1955	124000
1956	4240	10-05-55			9.83				1956	20900
1957	4220	09-01-57			10.25				1957	128000
1958	6700	03-26-58			11.55				1958	296000
1959	3920	08-26-59			6.5				1959	97600
1960	9090	01-14-60			9.7				1960	194000
1961	3080	08-23-61			5.90				1961	45500
1962	9000	09-29-62			8.50				1962	275000
1963	3240	10-20-62			6.24				1963	175000
1964	3060	09-26-64			6.40				1964	94400
1965	4700	08-14-65			7.30				1965	91000
1966	39000	12-24-65			15.5				1966	533000
1967	40000	08-13-67			16.0				1967	148000
1968	8960	12-21-67			9.72				1968	579000
1969	1160	09-14-69			4.52				1969	60600
1970	982	03-03-70			4.57				1970	31200
1971	7470	08-22-71			9.75				1971	59800
1972	7160	10-28-71			9.82				1972	176000
1973	80000	10-20-72			15.88				1973	945000
1974	1160	07-20-74			5.18				1974	29500
1975	15800	09-10-75			9.90				1975	202000

ES Discharge estimated from another site.

HP Isolated historic peak; not part of systematic record.

NM Not maximum gage height for water year.

GILA RIVER BASIN

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09466500 GILA RIVER AT CALVA, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1930	4						2	3	2	1	3	7	NUMBER 6 13				32	36	26	41	56	48	24	21	10	3	2	3	4	4						
1931							2	4	3	6	8	8	32	17	11	29	30	33	54	43	22	12	14	13	11	2	4	5	2							
1932							2	3	2	2	7	11	6	20	13	20	17	20	18	37	30	76	29	20	18	17	13	7	3		2					
1933	7						2	3	2	2	7	11	21	25	12	18	17	31	79	47	39	10	6	8	10	3	3	1	1							
1934	28	10		3	2	1	5	2	2	5	7	10	12	26	21	27	33	19	46	27	29	22	7	7	6	3	2	1		1	1					
1935	32						3	3	2	1	2	3	4	49	30	18	27	36	28	21	26	25	26	13	9	2	5									
1936	33						5	3	4	1	7	12	19	22	12	18	17	29	30	41	46	26	19	9	4	5	2	2								
1937	17						8	2	2	6	13	5	11	20	17	25	25	13	27	17	51	34	14	14	14	5	4	5	2							
1938	45						4	6	4	3	7	9	10	12	15	25	14	19	66	60	31	8	16	7	1	2	1									
1939	71						14	4	5	9	9	9	4	9	6	9	15	42	37	71	22	13	7	4	2	1	1	1								
1940	19						3	3	3	1	3	4	8	13	8	48	52	39	21	30	54	20	15	9	4	3	3	2	1							
1941													8	16	26	24	21	26	19	20	18	13	27	34	40	43	16	8	4	2						
1942										5	4	7	18	12	14	14	14	12	19	9	33	89	64	18	6	4	4	3								
1943	35						12	3	7	4	12	12	14	9	13	28	38	33	39	45	31	9	5	6	5	3	1	1								
1944	34	1	1	1	2	3	1	7	3	3	11	10	15	36	32	59	52	47	25	8	2	2	2	4	3	2	1									
1945	24	2					1	2	1	2	15	6	6	7	7	9	10	28	20	31	23	83	51	22	2	2	1									
1946	40						3	6	3	14	5	7	5	29	23	20	50	30	11	18	27	37	30	1	3	1	1									
1947	62	2	2	2	1	2	1	7	6	11	15	16	18	40	24	18	16	29	39	41	4	3	4	1	1											
1948	44						1	3	2	6	5	5	6	6	7	33	24	21	19	19	21	43	31	11	29	17	11	2								
1949							1			1	1	2	4	13	22	32	27	24	38	14	14	13	18	19	37	25	16	20	11	6	3	1	1	1		
1950	57	3	3	2	3	4	4	5	6	4	14	16	22	34	15	31	60	15	26	35	1	2														
1951	77	7	5	8	3	7	4	8	8	17	37	7	5	9	9	8	30	71	30	7	3	2	1													
1952	40						2	3	4	8	5	4	6	12	19	13	21	21	28	29	19	19	21	29	21	15	11	4	5	1	1	3				
1953	46	2					1	4	2	2	4	7	10	37	23	2	27	31	33	23	58	27	4	8	6	5	3									
1954	152	1	1	1	2	1	3	4	4	6	14	12	11	19	55	23	7	6	4	6	1	4	5	6	8	6	3									
1955	32	1	1	1	2		1	8	13	12	21	49	59	47	10	13	11	29	5	1	6	6	7	13	4	5	3	5								
1956	109						1	5	4	9	4	23	44	53	25	30	19	9	14	8	1	1	1	2												
1957	155	1	1	1	1		5	16	13	19	6	7	3	19	15	20	21	3	8	4	7	5	5	8	4	5	9	4								
1958	3	1	1	1			2	4	8	11	4	17	28	22	29	48	41	23	20	16	11	10	9	25	9	6	12	3								
1959	35	10	3	2	2	1	4	3	6	11	7	10	20	11	38	30	29	42	44	15	13	7	6	5	3	3	4	1								
1960	94	2	8	4	1	2	4	2	5	6	3	5	6	17	27	11	27	9	14	14	18	24	10	31	9	6	3	2	1	1						
1961	91	3	3	3			4	4	2	6	22	15	35	14	12	26	16	40	34	10	2	4	3	8	4	2	2									
1962	36	7	4	5	3	1	4	5	3	3	13	12	8	7	8	15	15	16	19	22	26	28	41	34	10	3	7	10								
1963	20	9	2	2	1	1	3	1	2	4	8	9	4	10	10	24	55	25	21	19	35	42	25	17	7	5	4									
1964	23	2	1	2	1	3	3	4	2	2	9	11	9	19	39	54	28	16	47	48	12	9	7	8	3	1	3									
1965	3						6	1	1	2	1	5	5	7	2	19	26	28	30	40	36	43	38	42	19	5	2	1	3							
1966													8	23	30	55	28	24	17	9	19	9	47	30	23	13	10	9	5	2	1	3				
1967													4	35	37	39	64	68	47	28	7	5	8	3	6	5	5									
1968																23	24	32	54	25	14	23	15	11	33	43	20	26	17	6						
1969										3	5	31	24	23	40	43	56	25	31	42	31	9	1	1												
1970										2	11	22	28	35	26	27	80	72	24	25	10	1	1	1												
1971																																				
1972																																				
1973																																				
1974																																				
1975	6																																			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1474	16801	100.0	12	9.6	712	13232	78.8	24	940	340	1090	6.4
1	0.10	64	15327	91.2	13	14.0	1019	12520	74.5	25	1400	262	750	4.4
2	0.20	38	15263	90.8	14	21.0	1043	11501	68.5	26	2000	250	488	2.9
3	0.30	54	15225	90.6	15	30.0	1381	10458	62.2	27	2900	143	238	1.4
4	0.50	40	15171	90.3	16	44.0	1405	9077	54.0	28	4300	53	95	.5
5	0.70	58	15131	90.1	17	65.0	1225	7672	45.7	29	6300	21	42	.2
6	1.00	127	15073	89.7	18	95.0	1288	6447	38.4	30	9300	13	21	.1
7	1.40	162	14946	89.0	19	140.0	1094	5159	30.7	31	14000	6	8	
8	2.10	196	14784	88.0	20	200.0	1054	4065	24.2	32	20000		2	
9	3.10	272	14588	86.8	21	300.0	810	3011	17.9	33	29000	2	2	
10	4.50	450	14316	85.2	22	440.0	637	2201	13.1	34				
11	6.60	634	13866	82.5	23	640.0	474	1564	9.3					

GILA RIVER BASIN

09466500 GILA RIVER AT CALVA, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1930	0.00 1	0.00 1	1.00 31	5.80 37	8.60 36	22.00 39	77.00 44	107.00 42	129.00 35
1931	2.00 37	2.70 38	5.00 41	6.00 40	12.00 42	28.00 44	102.00 46	109.00 44	267.00 44
1932	10.00 45	11.00 45	12.00 45	15.00 45	25.00 46	45.00 46	87.00 45	191.00 48	248.00 43
1933	0.00 2	0.00 2	0.00 1	1.80 31	11.00 39	24.00 40	26.00 33	29.00 29	105.00 29
1934	0.00 3	0.00 3	0.00 2	0.00 1	0.03 11	2.10 13	7.30 12	12.00 10	35.00 18
1935	0.00 4	0.00 4	0.00 3	0.00 2	0.00 1	4.10 17	15.00 22	29.00 30	116.00 32
1936	0.00 5	0.00 5	0.00 4	0.00 3	0.27 20	3.90 16	19.00 30	35.00 33	81.00 27
1937	0.00 6	0.00 6	0.00 5	0.00 4	7.70 34	14.00 33	17.00 28	25.00 26	144.00 38
1938	0.00 7	0.00 7	0.00 6	0.00 5	0.23 18	6.00 21	15.00 23	24.00 24	73.00 25
1939	0.00 8	0.00 8	0.00 7	0.00 6	0.20 15	0.30 5	13.00 19	60.00 37	120.00 33
1940	0.00 9	0.00 9	0.00 8	0.64 27	11.00 40	26.00 42	42.00 40	44.00 34	129.00 34
1941	19.00 47	20.00 47	22.00 47	26.00 47	38.00 48	68.00 48	173.00 48	175.00 47	637.00 47
1942	3.00 40	3.00 39	3.30 39	4.30 35	8.50 35	15.00 35	28.00 34	47.00 35	110.00 31
1943	0.00 10	0.00 10	0.00 9	0.00 7	0.63 22	5.40 20	10.00 18	16.00 16	61.00 23
1944	0.00 11	0.00 11	0.00 10	0.00 8	0.22 16	2.60 14	8.00 13	13.00 11	25.00 7
1945	0.00 12	0.00 12	0.00 11	0.00 9	0.29 21	6.80 23	43.00 41	108.00 43	160.00 39
1946	0.00 13	0.00 13	0.00 12	0.00 10	0.00 2	0.60 7	4.10 10	10.00 9	34.00 17
1947	0.00 14	0.00 14	0.00 13	0.00 11	0.27 19	0.97 9	1.60 4	4.70 2	20.00 3
1948	0.00 15	0.00 15	0.00 14	0.00 12	0.71 23	14.00 34	19.00 31	30.00 31	81.00 26
1949	0.20 33	0.97 36	2.30 34	5.90 38	13.00 43	33.00 45	73.00 43	134.00 46	221.00 41
1950	0.00 16	0.00 16	0.00 15	0.00 13	0.01 9	1.50 11	4.50 11	8.70 7	30.00 11
1951	0.00 17	0.00 17	0.00 16	0.00 14	0.00 3	0.51 6	3.90 8	21.00 22	45.00 20
1952	0.00 18	0.00 18	0.00 17	0.00 15	1.90 25	16.00 36	39.00 39	61.00 38	138.00 37
1953	0.00 19	0.00 19	0.00 18	0.00 16	0.02 10	8.20 24	15.00 24	28.00 28	46.00 21
1954	0.00 20	0.00 20	0.00 19	0.00 17	0.00 4	0.00 1	0.00 1	6.70 5	70.00 24
1955	0.00 21	0.00 21	0.00 20	0.00 18	0.13 14	1.00 10	2.90 6	5.30 4	20.00 4
1956	0.00 22	0.00 22	0.00 21	0.00 19	0.00 5	0.00 2	1.00 3	2.40 1	7.10 1
1957	0.00 23	0.00 23	0.00 22	0.00 20	0.00 6	0.00 3	0.00 2	13.00 12	18.00 2
1958	0.00 24	0.03 32	3.20 37	8.40 42	14.00 44	18.00 37	31.00 36	64.00 39	405.00 46
1959	0.00 25	0.00 24	0.00 23	0.00 21	0.00 7	0.64 8	3.80 7	8.10 6	26.00 8
1960	0.00 26	0.00 25	0.00 24	0.00 22	0.22 17	4.40 19	4.10 9	4.90 3	31.00 12
1961	0.00 27	0.00 26	0.00 25	0.00 23	0.00 8	0.11 4	2.20 5	9.50 8	26.00 9
1962	0.00 28	0.00 27	0.00 26	0.03 26	1.10 24	9.10 26	29.00 35	26.00 27	133.00 36
1963	0.00 29	0.00 28	0.00 27	0.00 24	0.04 12	2.10 12	8.60 14	18.00 17	98.00 28
1964	0.00 30	0.00 29	0.00 28	0.00 25	0.08 13	3.20 15	9.50 16	15.00 15	41.00 19
1965	0.00 31	0.00 30	0.39 29	1.10 28	3.80 28	10.00 29	32.00 37	57.00 36	109.00 30
1966	11.00 46	11.00 46	13.00 46	15.00 46	20.00 45	28.00 43	38.00 38	70.00 40	226.00 42
1967	9.10 44	9.40 44	9.70 44	10.00 44	11.00 41	13.00 32	16.00 25	19.00 18	32.00 13
1968	21.00 48	22.00 48	24.00 48	28.00 48	35.00 47	52.00 47	140.00 47	125.00 45	379.00 45
1969	4.00 41	4.30 41	4.80 40	6.20 41	7.60 33	12.00 31	16.00 26	20.00 20	30.00 10
1970	2.90 39	3.00 40	3.30 38	4.30 36	5.90 32	9.80 27	14.00 20	20.00 21	24.00 6
1971	2.10 38	2.30 37	2.40 35	3.00 33	4.20 29	6.60 22	9.70 17	13.00 13	33.00 14
1972	4.70 42	4.80 42	5.10 42	6.00 39	9.10 37	11.00 30	15.00 21	19.00 19	33.00 15
1973	7.50 43	7.70 43	8.30 43	8.60 43	11.00 38	25.00 41	44.00 42	95.00 41	803.00 48
1974	0.30 34	0.50 33	1.19 32	1.50 29	2.00 26	4.20 18	9.30 15	14.00 14	21.00 5
1975	0.00 32	0.00 31	2.40 36	4.00 34	5.40 31	18.00 38	20.00 32	30.00 32	179.00 40

09466500 GILA RIVER AT CALVA, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1930	5590.0 16	4140.0 18	3890.0 14	2200.0 15	1740.0 12	977.0 15	691.0 15	521.0 15	439.0 14
1931	8170.0 12	6090.0 12	3630.0 15	2210.0 14	1410.0 18	1160.0 9	797.0 12	601.0 13	532.0 11
1932	13800.0 6	9810.0 6	5690.0 6	3770.0 5	3220.0 4	2190.0 6	1600.0 6	1290.0 6	979.0 6
1933	4610.0 20	3310.0 20	2290.0 23	1530.0 22	1100.0 21	640.0 22	493.0 23	425.0 22	317.0 19
1934	12500.0 7	7910.0 9	4520.0 10	2510.0 13	1320.0 19	782.0 19	572.0 19	429.0 20	286.0 25
1935	2530.0 33	2220.0 28	1670.0 27	1020.0 29	685.0 27	566.0 24	482.0 24	392.0 23	279.0 26
1936	4030.0 23	3010.0 23	2220.0 24	1500.0 24	995.0 22	651.0 21	515.0 20	427.0 21	321.0 18
1937	8670.0 11	6550.0 11	4280.0 12	3450.0 8	2300.0 7	1960.0 7	1450.0 7	1160.0 7	817.0 7
1938	3270.0 26	2220.0 29	1440.0 29	1020.0 30	639.0 28	387.0 29	324.0 29	280.0 28	221.0 28
1939	2900.0 30	1470.0 33	769.0 33	501.0 34	411.0 32	283.0 34	250.0 33	228.0 32	181.0 30
1940	4710.0 19	3080.0 22	1800.0 26	1050.0 27	801.0 26	548.0 25	431.0 26	340.0 26	306.0 23
1941	12100.0 8	9000.0 7	5870.0 5	4040.0 4	3060.0 5	2790.0 2	2660.0 1	2350.0 1	1980.0 2
1942	18100.0 2	10700.0 4	5930.0 4	3290.0 10	1880.0 10	1150.0 10	1060.0 9	941.0 9	746.0 8
1943	3230.0 27	2340.0 27	1600.0 28	1040.0 28	581.0 30	368.0 30	308.0 31	266.0 29	200.0 29
1944	6650.0 14	4380.0 17	2530.0 19	1200.0 25	627.0 29	469.0 28	320.0 30	240.0 31	164.0 32
1945	1800.0 38	1190.0 38	749.0 34	617.0 32	441.0 31	361.0 31	329.0 28	312.0 27	262.0 27
1946	2960.0 29	1300.0 34	600.0 39	289.0 42	216.0 40	190.0 39	151.0 39	120.0 38	107.0 37
1947	1390.0 40	795.0 41	516.0 41	406.0 39	235.0 39	134.0 41	109.0 41	104.0 40	81.0 41
1948	879.0 42	630.0 42	531.0 40	465.0 36	407.0 33	309.0 33	242.0 34	201.0 34	142.0 34
1949	14200.0 5	12000.0 3	6720.0 3	4670.0 3	2830.0 6	2220.0 5	1840.0 5	1510.0 5	1050.0 5
1950	1040.0 41	848.0 40	434.0 43	252.0 44	160.0 45	128.0 42	107.0 42	93.0 42	72.0 42
1951	1950.0 35	1230.0 36	607.0 38	349.0 40	191.0 43	112.0 44	88.0 44	82.0 43	71.0 43
1952	10900.0 9	8580.0 8	5390.0 8	3500.0 7	1930.0 9	1070.0 11	773.0 13	663.0 12	474.0 13
1953	872.0 43	601.0 43	479.0 42	306.0 41	202.0 42	144.0 40	124.0 40	103.0 41	83.0 40
1954	3690.0 24	2790.0 24	2310.0 22	1650.0 20	1120.0 20	707.0 20	505.0 22	378.0 25	291.0 24
1955	4230.0 22	3520.0 19	2500.0 20	1940.0 19	1450.0 17	926.0 17	619.0 17	464.0 17	307.0 22
1956	2790.0 31	1830.0 31	876.0 32	416.0 38	211.0 41	108.0 45	75.0 46	62.0 46	50.0 46
1957	3130.0 28	2770.0 25	2340.0 21	2120.0 18	1650.0 15	987.0 14	659.0 16	497.0 16	332.0 17
1958	6050.0 17	4890.0 15	4040.0 13	3350.0 9	2250.0 8	1800.0 8	1270.0 8	971.0 8	657.0 10
1959	3340.0 25	2720.0 26	2180.0 25	1600.0 21	926.0 23	504.0 27	336.0 27	252.0 30	171.0 31
1960	6670.0 13	5470.0 14	3630.0 16	2150.0 17	1470.0 16	1040.0 13	903.0 11	728.0 11	524.0 12
1961	1500.0 39	1160.0 39	666.0 36	454.0 37	382.0 35	240.0 37	160.0 38	120.0 39	86.0 39
1962	4290.0 21	3170.0 21	2910.0 17	2160.0 16	1680.0 13	1070.0 12	1000.0 10	828.0 10	667.0 9
1963	2580.0 32	1740.0 32	1400.0 30	1120.0 26	828.0 25	576.0 23	464.0 25	381.0 24	311.0 20
1964	2380.0 34	1920.0 30	1110.0 31	650.0 31	398.0 34	329.0 32	272.0 32	204.0 33	141.0 35
1965	1850.0 36	1250.0 35	635.0 37	488.0 35	285.0 37	276.0 35	216.0 35	191.0 35	145.0 33
1966	17600.0 3	13800.0 2	7850.0 2	6840.0 2	4300.0 2	2520.0 4	2070.0 4	1960.0 4	1390.0 4
1967	17500.0 4	10200.0 5	5650.0 7	3090.0 11	1750.0 11	969.0 16	703.0 14	530.0 14	354.0 16
1968	6280.0 16	5820.0 13	4470.0 11	3700.0 6	3320.0 3	2670.0 3	2260.0 3	2010.0 3	1480.0 3
1969	667.0 45	533.0 44	354.0 44	272.0 43	248.0 38	214.0 38	185.0 36	162.0 36	123.0 36
1970	536.0 46	303.0 46	195.0 46	128.0 46	118.0 46	90.0 46	76.0 45	76.0 44	65.0 44
1971	1840.0 37	1210.0 37	686.0 35	527.0 33	376.0 36	258.0 36	178.0 37	135.0 37	95.0 38
1972	6450.0 15	4740.0 16	2780.0 18	1520.0 23	910.0 24	539.0 26	510.0 21	439.0 18	310.0 21
1973	44100.0 1	29000.0 1	16500.0 1	8920.0 1	5040.0 1	2870.0 1	2640.0 2	2180.0 2	1990.0 1
1974	719.0 44	517.0 45	344.0 45	251.0 45	180.0 44	124.0 43	95.0 43	72.0 45	53.0 45
1975	10200.0 10	7190.0 10	5150.0 9	3090.0 12	1680.0 14	844.0 18	576.0 18	436.0 19	383.0 15

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
245	120	245	418	514	535	292	148	22.1	94.9	355	292
508100	25220	204700	408000	537000	589600	228800	143900	2314	26500	177700	92290
713	159	452	639	733	768	478	379	48.1	163	422	304
5.34	3.94	4.01	2.39	1.95	1.74	2.64	4.27	4.48	3.46	1.75	2.71
2.90	1.32	1.85	1.53	1.43	1.43	1.64	2.57	2.18	1.72	1.19	1.21
7.58	3.70	7.55	12.9	15.8	16.5	9.00	4.56	0.68	2.93	11.0	7.77

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
269	73800	272	2.21	1.01	-0.061

GILA RIVER BASIN

09468500 SAN CARLOS RIVER NEAR PERIDOT, AZ

LOCATION.--Lat 33°19'16", long 110°26'54", in NW¼ sec.30, T.1 S., R.19 E. (unsurveyed), Gila County, Hydrologic Unit 15040007, in San Carlos Indian Reservation, on right bank 750 ft (229 m) downstream from highway crossing, 0.8 mi (1.3 km) north of Peridot, and 2.4 mi (3.9 km) south of San Carlos.

DRAINAGE AREA.--1,027 mi² (2,660 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1916	25000	01-18-16	ES HP		1930	37100
1930	5700	03-17-30			1931	36700
1931	7000	08-07-31			1932	52000
1932	12000	02-10-32			1933	16800
1933	11000	09-08-33			1934	15700
1934	8200	08-18-34			1935	87700
1935	13800	02-07-35			1936	44600
1936	14400	02-17-36			1937	46600
1937	29400	02-07-37			1938	15700
1938	8640	03-04-38			1939	18400
1939	10200	08-03-39			1940	15900
1940	6000	08-03-40			1941	201000
1941	40600	03-14-41			1942	25300
1942	2520	12-12-41			1943	30200
1943	5060	09-26-43		5.16	1944	13200
1944	795	09-27-44		3.88	1945	17000
1945	3200	08-09-45		5.50	1946	15200
1946	4530	07-27-46		7.00	1947	11100
1947	15000	08-08-47		11.1	1948	10400
1948	2850	08-02-48		6.65	1949	23200
1949	3260	01-09-49		6.88	1950	5910
1950	2150	07-21-50		6.68	1951	9140
1951	2940	08-29-51		7.13	1952	80900
1952	39200	01-13-52		12.54	1953	8390
1953	860	08-27-53		5.48	1954	42300
1954	23500	03-23-54		11.00	1955	26900
1955	14600	08-06-55		9.82	1956	13900
1956	9300	01-29-56		8.88	1957	9140
1957	7310	07-26-57		9.2	1958	47900
1958	7670	03-22-58		8.6	1959	6420
1959	2280	08-18-59		5.80	1960	65000
1960	14300	12-26-59		10.5	1961	6190
1961	5510	07-22-61		7.05	1962	33600
1962	4400	09-26-62		5.36	1963	34100
1963	9740	02-11-63		8.88	1964	10300
1964	6610	07-25-64		8.56	1965	24600
1965	1710	01-08-65		5.20	1966	119000
1966	36300	12-22-65		14.80	1967	11300
1967	16100	07-29-67		10.9	1968	72800
1968	32000	12-20-67		18.5	1969	15600
1969	4580	01-22-69		7.04	1970	12500
1970	5080	09-06-70		8.65	1971	19200
1971	7930	08-14-71		9.90	1972	22600
1972	4970	10-17-71		8.60	1973	106000
1973	25000	10-19-72		12.5	1974	9240
1974	7800	07-20-74		7.35	1975	20700
1975	1960	04-11-75		4.10		

ES Discharge estimated from another site.

HP Isolated historic peak; not part of systematic record.

GILA RIVER BASIN

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09468500 SAN CARLOS RIVER NEAR PERIDOT, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1930	16						20		18	14	39	25	37	44	88	16	9	9	4	9	2	4	4		1	2	2	1		1					
1931	7						30		23	10	21	44	58	57	41	19	10	11	8	8	6	3	1	2	1		4			1					
1932							22		49	10	23	24	59	29	22	31	13	16	26	14	11	4	3	1	4	2	1		1		1				
1933							53		26	7	42	35	48	41	36	23	28	8	6	3	3	1	3	1		1									
1934		5	5	12	15	16	27		29	8	23	30	85	65	9	9	5	4	6	3		3	4	1		1									
1935					5	15	15		7	16	48	29	25	35	51	17	18	9	11	13	9	11	9	8	3	4	1	3	2				1		
1936	4	3	3	3	8	6	43		15	11	39	28	32	60	37	17	17	9	6	7	5	3	1	3	1		1	2							
1937							38		30	27	27	23	67	36	12	34	23	9	14	6	10	4	1	1											
1938	10						66		24	11	44	50	39	66	18	12	10	4	1	2	1	4		2											
1939					50		34		27	23	27	25	44	32	34	23	17	5	8	4	5	1	3		1	1	1								
1940	3				48		30		41	25	20	40	70	22	18	14	7	8	5	2	4	4	2	1	1		1								
1941					3		1		5	19	41	34	33	24	20	20	18	26	27	20	16	11	7	8	9	3	2	10	2	2	2		1	1	
1942									13	44	31	29	47	81	46	26	14	7	10	6	3	4	3	1											
1943						12		13	34	49	37	48	42	54	19	22	10	5	3	5	1	3	2	1	2	1	2								
1944					6	7	6	12	10	21	31	20	48	83	74	10	17	5	4	3	6	2		1											
1945	23	5	2	1		2	3	5	3	25	18	16	59	55	76	17	16	14	11	5	3	3	1		2										
1946	20	2	1		1	4	3	4	5	16	26	26	60	117	21	19	14	7	7	4	2	4			1	1									
1947	39	1			1	14	2	4	11	12	23	30	87	102	17	7	4	1	3	2	3			1											
1948	61	1	2	1		1	2	21	33	10	23	34	99	31	9	13	6	15	5	4	1	2	2												
1949	72	2	1	4	4	13	2	17	15	20	23	33	51	15	19	7	14	23	7	6	5	4	1	2	3	1	1								
1950	41	5	1	2	2	4	5	6	33	58	45	54	74	13	5	2	3	4	2	4	1	1													
1951	72	6	6	2		8	6	7	7	25	35	53	56	51	8	7	4	3	1	1	2	1	1		2	1									
1952	68				1	5	7	21	7	32	36	43	14	28	26	12	7	12	9	7	10	2	6	2	5	1									
1953	65	4	3	4	6	9	3	13	22	27	31	46	86	15	5	5	3	3	2	5	1	2													
1954	60	7	1		2	5	1	20	9	13	28	72	84	9	12	6	10	3	5	5	3	1	2	1	3		1	1							
1955	31	3			1	3	3	9	12	18	58	61	100	15	12	6	3	5	7	2	1	1	4	4	2	1	3								
1956	111	4	2	2	3	7	3	7	15	25	44	42	45	13	4	12	8	6	3	3	4		1	1											
1957	119	2	2	3	1	2	4	17	25	21	38	41	35	16	8	5	4	12	1	4	1	2	1			1									
1958	60	3	2	1	2	2	12	9	18	17	32	79	23	4	18	7	9	18	11	7	7	4	3	2	7	2	4								
1959	71	4	1	1	1	9	6	27	18	24	42	80	43	4	13	6	6	1	4	2	1	1													
1960	100	7	2	10	2	3	2	9	30	6	26	31	17	14	16	16	13	13	10	6	9	4	6	3	4	1	1	2							
1961	80	4	1	3	1	1	3	12	24	20	28	75	84	13	6	1	4					2	2												
1962	87	3	3	2	5	7	16	13	17	14	22	30	12	4	9	18	30	28	18	7	6	4	4	1	1	1									
1963	45	3	21	3	2	7	1	3	9	45	42	44	30	33	23	9	6	4	8	8	4	6	2	1	1	2	1	1							
1964	34	1			3	4	2	21	65	52	55	94	3	11	2	2	5	1	1	3	2	4	1												
1965	70	3	1	2		3	5	9	20	28	15	33	63	11	17	10	20	16	5	7	7	11	5	1	2	1									
1966		7	4	5	2	6	8	23	18	29	26	32	41	17	24	34	14	18	10	7	6	7	9	6	3	2	1								
1967	13	1	1	1	5	3	2	4	4	6	29	56	158	47	11	3	4	5	5	2	1	2		1											
1968	2				3	2	1	8	4	27	11	62	26	58	22	20	17	12	12	31	7	11	8	7	4	2	3	2	2	1					
1969		2	2	3	6	7	21	12	12	15	21	23	63	79	42	22	16	3	6	2	3	2	2												
1970							6		8	10	49	29	53	125	39	13	17	9	2	2	2														
1971	15				1	3	6	6	9	17	24	20	103	117	13	6	5	1	4	1	1	3	4	1	5										
1972	6	9	8	2	3	4	9	16	6	34	57	41	33	46	41	12	11	9	5	1	4	3													
1973										8	18	59	30	17	63	36	22	19	20	17	11	11	9	3	6	4	2	7	1						
1974	5	1			4	7		6	12	13	13	39	98	102	46	7	6	3					1	1	1										
1975									1	34	51	26	28	73	73	31	11	7	7	8	5	2	4	3	1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1410	16801	100.0	12	7.4	2598	8780	52.3	24	560	75	230	1.3
1	0.10	97	15391	91.6	13	11.0	1851	6182	36.8	25	800	41	155	.9
2	0.20	76	15294	91.0	14	15.0	1301	4331	25.8	26	1100	36	114	.6
3	0.30	70	15218	90.6	15	22.0	675	3030	18.0	27	1600	34	78	.4
4	0.40	204	15148	90.2	16	31.0	545	2355	14.0	28	2400	15	44	.2
5	0.60	182	14944	88.9	17	45.0	424	1810	10.8	29	3400	11	29	.1
6	0.90	545	14762	87.9	18	64.0	346	1386	8.2	30	4800	9	18	.1
7	1.20	324	14217	84.6	19	92.0	244	1040	6.2	31	6900	2	9	
8	1.80	786	13893	82.7	20	130.0	211	796	4.7	32	9900	5	7	
9	2.50	957	13107	78.0	21	190.0	154	585	3.5	33	14000	2	2	
10	3.60	1573	12150	72.3	22	270.0	128	431	2.6	34				
11	5.20	1797	10577	63.0	23	390.0	73	303	1.8					

GILA RIVER BASIN

09468500 SAN CARLOS RIVER NEAR PERIDOT, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
	0.00 1	0.00 1	0.00 1	0.07 24	0.47 22	2.20 32	4.40 36	17.00 45	49.00 46
1931	0.00 2	0.00 2	0.57 36	0.79 35	0.83 32	3.50 41	5.20 40	7.50 38	26.00 42
1932	1.00 41	1.00 40	1.00 39	1.10 41	1.60 39	3.50 42	5.50 41	8.20 43	12.00 32
1933	1.00 42	1.00 41	1.00 40	1.00 39	1.50 37	2.30 33	3.60 29	5.50 29	10.00 24
1934	0.10 32	0.10 31	0.20 29	0.26 26	0.62 26	0.75 17	1.40 10	2.60 10	5.00 8
1935	0.40 35	0.40 35	0.53 35	0.65 34	0.77 29	2.00 30	4.30 35	33.00 47	64.00 47
1936	0.00 3	0.00 3	0.06 27	0.29 27	0.45 21	0.78 19	1.80 14	5.90 32	11.00 30
1937	1.00 43	1.00 42	1.00 41	1.00 40	1.40 36	2.20 31	4.20 33	5.60 30	14.00 37
1938	0.00 4	0.00 4	0.00 2	0.57 32	1.00 35	1.19 22	2.50 20	4.80 25	10.00 25
1939	0.50 38	0.50 37	0.50 34	0.50 31	0.73 28	1.70 25	4.70 37	7.90 42	18.00 40
1940	0.00 5	0.00 5	0.29 30	0.39 28	0.60 25	1.10 20	2.90 25	4.50 24	15.00 38
1941	0.50 39	0.67 38	1.60 43	2.10 43	3.60 45	6.60 47	12.00 46	22.00 46	46.00 45
1942	3.00 47	3.00 47	3.00 46	3.60 46	4.50 46	5.30 45	6.70 45	7.80 41	10.00 26
1943	1.00 40	1.00 43	1.10 42	1.50 42	1.80 41	3.00 37	3.50 28	4.40 21	10.00 27
1944	0.40 36	0.47 36	0.77 37	0.97 37	1.70 40	2.80 36	4.10 32	5.70 31	8.00 19
1945	0.00 6	0.00 6	0.00 3	0.01 21	0.55 24	1.70 26	3.90 31	7.70 40	11.00 28
1946	0.00 7	0.00 7	0.00 4	0.00 1	0.18 19	1.70 27	2.80 22	4.90 26	9.30 22
1947	0.00 8	0.00 8	0.00 5	0.00 2	0.00 1	0.28 10	2.30 19	3.30 12	5.90 14
1948	0.00 9	0.00 9	0.00 6	0.00 3	0.00 2	0.01 3	0.87 8	4.40 22	8.90 21
1949	0.00 10	0.00 10	0.00 7	0.00 4	0.05 17	0.60 15	2.00 17	4.00 17	13.00 33
1950	0.00 11	0.00 11	0.00 8	0.00 5	0.00 3	0.43 13	1.60 11	3.30 13	5.60 11
1951	0.00 12	0.00 12	0.00 9	0.00 6	0.01 14	0.35 11	2.20 18	4.20 18	5.50 10
1952	0.00 13	0.00 13	0.00 10	0.00 7	0.00 4	1.70 28	2.90 23	4.30 19	13.00 34
1953	0.00 14	0.00 14	0.00 11	0.00 8	0.00 5	0.75 16	1.80 15	3.30 14	5.20 9
1954	0.00 15	0.00 15	0.00 12	0.00 9	0.01 15	0.58 14	3.10 26	4.40 20	29.00 44
1955	0.00 16	0.00 16	0.00 13	0.01 22	0.49 23	2.60 35	3.10 27	3.80 16	5.70 12
1956	0.00 17	0.00 17	0.00 14	0.00 10	0.00 6	0.12 6	0.82 5	1.90 7	3.10 3
1957	0.00 18	0.00 18	0.00 15	0.00 11	0.00 7	0.24 9	0.83 6	1.70 5	6.60 15
1958	0.00 19	0.00 19	0.00 16	0.00 12	0.00 8	0.39 12	2.90 24	5.20 28	11.00 29
1959	0.00 20	0.00 20	0.00 17	0.00 13	0.00 9	0.00 1	0.22 1	1.10 3	3.00 2
1960	0.00 21	0.00 21	0.00 18	0.00 14	0.00 10	0.04 5	0.48 2	0.60 1	1.90 1
1961	0.00 22	0.00 22	0.00 19	0.00 15	0.00 11	0.00 2	0.76 4	1.60 4	4.10 5
1962	0.00 23	0.00 23	0.00 20	0.00 16	0.00 12	0.20 8	0.83 7	2.00 8	4.50 6
1963	0.00 24	0.00 24	0.00 21	0.00 17	0.03 16	0.16 7	0.88 9	1.80 6	12.00 31
1964	0.00 25	0.00 25	0.00 22	0.00 18	0.08 18	0.76 18	1.60 12	2.70 11	4.60 7
1965	0.00 26	0.00 26	0.00 23	0.00 19	0.00 13	0.02 4	0.66 3	1.10 2	6.90 16
1966	0.10 33	0.10 32	0.29 31	0.46 30	0.78 30	1.19 23	2.70 21	4.50 23	16.00 39
1967	0.00 27	0.00 27	0.00 24	0.01 23	0.42 20	3.20 39	4.90 38	6.30 33	7.70 18
1968	0.00 28	0.10 33	0.41 33	0.94 36	2.60 42	3.10 38	4.90 39	6.90 34	13.00 35
1969	0.10 34	0.17 34	0.30 32	0.62 33	0.80 31	1.70 24	1.80 13	3.70 15	5.90 13
1970	1.30 44	1.60 44	1.80 44	2.60 44	3.30 44	4.30 44	5.60 42	7.40 37	13.00 36
1971	0.00 29	0.00 28	0.00 25	0.00 20	0.67 27	1.90 29	3.70 30	5.10 27	7.10 17
1972	0.00 30	0.00 29	0.01 26	0.16 25	0.87 33	1.10 21	1.90 16	2.40 9	3.50 4
1973	2.60 46	2.70 45	3.60 47	3.70 47	5.10 47	6.10 46	14.00 47	12.00 44	28.00 43
1974	0.00 31	0.00 30	0.10 28	0.39 29	1.00 34	2.30 34	4.30 34	7.10 36	8.60 20
1975	2.40 45	2.70 46	2.90 45	3.10 45	3.20 43	4.20 43	6.50 44	7.60 39	25.00 41

09468500 SAN CARLOS RIVER NEAR PERIDOT, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1930	3580.0 14	1820.0 14	879.0 15	437.0 15	228.0 17	141.0 18	96.0 22	76.0 21	87.0 13
1931	4010.0 13	2310.0 13	1290.0 12	627.0 14	323.0 14	168.0 16	117.0 17	92.0 18	76.0 16
1932	6740.0 8	3430.0 11	1640.0 10	942.0 9	515.0 11	282.0 11	228.0 9	193.0 8	131.0 8
1933	1440.0 23	577.0 27	309.0 30	165.0 30	89.0 33	53.0 35	40.0 34	34.0 33	26.0 31
1934	884.0 33	344.0 37	266.0 33	234.0 26	133.0 27	72.0 29	50.0 29	37.0 30	26.0 32
1935	9380.0 6	4270.0 6	2330.0 4	1180.0 4	666.0 5	454.0 6	352.0 5	292.0 4	195.0 5
1936	4290.0 12	3580.0 9	2010.0 7	1120.0 5	581.0 6	316.0 9	218.0 11	167.0 11	114.0 11
1937	11400.0 3	4800.0 4	2160.0 5	1070.0 6	560.0 9	315.0 10	225.0 10	172.0 10	116.0 10
1938	2610.0 16	1200.0 20	575.0 21	289.0 23	154.0 25	83.0 27	60.0 27	48.0 28	34.0 29
1939	1150.0 26	527.0 30	395.0 23	209.0 28	112.0 29	67.0 30	50.0 30	41.0 29	43.0 24
1940	1370.0 24	665.0 24	320.0 29	160.0 32	92.0 31	57.0 33	42.0 33	35.0 32	25.0 33
1941	14200.0 2	10800.0 1	5190.0 1	2490.0 2	1590.0 2	1050.0 1	935.0 1	763.0 1	520.0 1
1942	1030.0 28	532.0 29	268.0 32	232.0 27	166.0 23	114.0 23	97.0 20	80.0 20	59.0 20
1943	1700.0 19	1270.0 18	626.0 17	310.0 20	164.0 24	162.0 17	124.0 16	97.0 16	68.0 17
1944	408.0 41	249.0 41	150.0 40	101.0 39	66.0 40	41.0 40	33.0 37	28.0 36	24.0 34
1945	663.0 38	495.0 32	282.0 31	160.0 33	128.0 28	75.0 28	60.0 28	49.0 27	38.0 26
1946	948.0 31	550.0 28	250.0 34	127.0 35	79.0 35	67.0 31	48.0 31	36.0 31	26.0 30
1947	1130.0 27	418.0 34	194.0 37	101.0 40	59.0 41	46.0 37	31.0 38	23.0 40	18.0 41
1948	346.0 45	238.0 42	111.0 42	63.0 43	50.0 42	32.0 42	25.0 41	21.0 41	21.0 37
1949	1220.0 25	666.0 23	546.0 22	305.0 21	214.0 18	133.0 20	97.0 21	75.0 22	51.0 22
1950	202.0 46	121.0 46	92.0 43	56.0 45	38.0 45	23.0 46	17.0 45	13.0 44	11.0 44
1951	873.0 35	742.0 22	345.0 28	162.0 31	88.0 34	52.0 36	35.0 36	27.0 37	21.0 38
1952	11200.0 4	4990.0 3	3510.0 3	1720.0 3	1030.0 3	521.0 3	420.0 3	320.0 3	212.0 4
1953	358.0 44	292.0 39	214.0 35	139.0 34	76.0 36	42.0 39	31.0 39	25.0 38	19.0 40
1954	10900.0 5	4690.0 5	2130.0 6	1010.0 8	512.0 12	260.0 12	176.0 12	139.0 12	111.0 12
1955	1590.0 20	960.0 21	603.0 19	405.0 17	321.0 15	195.0 15	131.0 15	99.0 15	67.0 18
1956	2950.0 15	1230.0 19	589.0 20	302.0 22	173.0 21	92.0 25	64.0 25	50.0 26	35.0 28
1957	954.0 30	350.0 36	150.0 41	102.0 38	67.0 38	37.0 41	25.0 42	19.0 42	15.0 42
1958	2430.0 17	1400.0 15	1150.0 14	853.0 11	567.0 7	345.0 8	238.0 8	180.0 9	124.0 9
1959	380.0 42	180.0 43	84.0 45	63.0 44	44.0 44	26.0 43	18.0 44	13.0 45	9.6 45
1960	4920.0 10	3450.0 10	1560.0 11	770.0 12	721.0 4	432.0 7	320.0 7	263.0 7	178.0 7
1961	378.0 43	139.0 45	80.0 46	43.0 46	28.0 46	24.0 45	16.0 46	12.0 46	9.0 46
1962	2000.0 18	1350.0 16	710.0 16	435.0 16	246.0 16	208.0 13	156.0 13	126.0 13	85.0 14
1963	4540.0 11	2510.0 12	1230.0 13	638.0 13	333.0 13	205.0 14	141.0 14	107.0 14	79.0 15
1964	416.0 40	291.0 40	201.0 36	108.0 36	68.0 37	61.0 32	43.0 32	32.0 34	22.0 36
1965	921.0 32	450.0 33	355.0 27	278.0 24	171.0 22	140.0 19	116.0 18	93.0 17	64.0 19
1966	14700.0 1	9330.0 2	4300.0 2	2750.0 1	1700.0 1	872.0 2	614.0 2	472.0 2	312.0 2
1967	876.0 34	311.0 38	171.0 39	102.0 37	90.0 32	56.0 34	39.0 35	30.0 35	23.0 35
1968	9000.0 7	4170.0 7	1900.0 8	1030.0 7	561.0 8	475.0 4	366.0 4	283.0 5	189.0 6
1969	1540.0 22	646.0 25	367.0 25	253.0 25	145.0 26	85.0 26	64.0 26	51.0 25	38.0 27
1970	996.0 29	385.0 35	183.0 38	93.0 41	66.0 39	43.0 38	31.0 40	24.0 39	20.0 39
1971	764.0 36	592.0 26	387.0 24	335.0 18	211.0 20	115.0 22	80.0 23	60.0 23	42.0 25
1972	1560.0 21	1270.0 17	604.0 18	333.0 19	214.0 19	118.0 21	103.0 19	83.0 19	57.0 21
1973	5370.0 9	3660.0 8	1660.0 9	889.0 10	539.0 10	463.0 5	322.0 6	273.0 6	271.0 3
1974	461.0 39	171.0 44	90.0 44	79.0 42	45.0 43	26.0 44	20.0 43	15.0 43	14.0 43
1975	718.0 37	498.0 31	360.0 26	196.0 29	111.0 30	95.0 24	74.0 24	59.0 24	48.0 23

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
26.8	14.4	90.2	85.6	120	104	20.3	4.98	1.77	18.4	51.2	20.5
6467	265	63500	24910	35440	45240	1122	18.8	3.94	395	3608	605
80.4	16.3	252	158	188	213	33.5	4.34	1.99	19.9	60.1	24.6
5.48	2.70	4.94	3.47	1.82	4.06	3.10	2.65	1.37	1.82	2.25	1.94
3.00	1.13	2.79	1.84	1.57	2.05	1.65	0.87	1.12	1.08	1.17	1.20
4.81	2.59	16.2	15.4	21.4	18.6	3.65	0.89	0.32	3.30	9.18	3.67

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
46.3	2535	50.4	2.74	1.09	-0.181

GILA RIVER BASIN

09469499 GILA RIVER BELOW COOLIDGE DAM, AZ

LOCATION.--Lat 33°10'10", long 110°31'50", in SW¼ sec.17, T.3 S., R.18 E. (unsurveyed), Pinal County, Hydrologic Unit 15050100, on left bank 2,200 ft (670 m) downstream from Coolidge Dam.

DRAINAGE AREA.--12,886 mi² (33,375 km²).

REMARKS.--Discharge figures for this station represent flow which would have reached this site if Coolidge Dam did not exist. Discharge was computed by combining peaks from Gila River at Calva (09466500) and San Carlos River at Peridot (09468500) with allowance for timing of peaks.

WATER YEAR	ANNUAL PEAK DISCH.CFS	DATE	CODES	HIGHEST SINCE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1906	150000	11-28-05	ES HP	1861	1901	186000
1914	7400	08-24-14			1904	98500
1915	42000	12-20-14			1916	1353000
1916	130000	01-20-16			1917	530000
1917	74000	10-14-16			1918	83200
1918	8630	08-06-18			1919	521000
1919	16000	08-03-19			1920	527000
1920	23000	02-21-20			1921	284000
1921	14000	08-22-21	ES		1922	65800
1922	2800	08-21-22			1923	237000
1923	13500	08-10-23			1924	342000
1924	15100	12-28-23			1925	148000
1925	14400	09-04-25			1926	268000
1926	9960	04-06-26			1927	232000
1927	4100	02-17-27			1928	100000
1928	7200	08-28-28			1929	16700
1929	-	-			1930	220000
1930	12000	08-08-30	ES		1931	224000
1931	13000	08-30-31	ES		1932	256000
1932	22000	02-12-32	ES		1933	335000
1933	13000	08-09-33	ES		1934	185000
1934	18000	08-28-34	ES		1935	185000
1935	14000	02-07-35	ES		1936	228000
1936	17000	02-17-36	ES		1937	280000
1937	31000	02-07-37	ES		1938	190000
1938	8600	03-04-38	ES		1939	102000
1939	10400	08-03-39	ES		1940	161000
1940	5600	08-14-40	ES		1941	216000
1941	43000	03-14-41	ES		1942	352000
1942	28000	10-01-41	ES		1943	365000
1943	6000	09-26-43	ES		1944	297000
1944	13600	09-27-44	ES		1945	216000
1945	4000	08-09-45	ES		1946	74500
1946	5500	10-10-45	ES		1947	60000
1947	14000	08-08-47	ES		1948	68300
1948	2800	08-02-48	ES		1949	254000
1949	19000	01-15-49	ES		1950	149000
1950	3800	07-30-50	ES		1951	36300
1951	3200	08-29-51	ES		1952	229000
1952	41000	01-13-52	ES		1953	49300
1953	2000	07-30-53	ES		1954	69000
1954	25000	03-23-54	ES		1955	97700
1955	15000	08-06-55	ES		1956	109000
1956	9000	01-29-56	ES		1957	52100
1957	8000	07-26-57	ES		1958	243000
1958	11700	03-22-58	ES		1959	148000
1959	4000	08- -59	ES		1960	257000
1960	18000	12-26-59	ES		1961	25300
1961	5500	07-22-61	ES		1962	247000
1962	10000	09-29-62	ES		1963	142000
1963	11000	02-11-63	ES		1964	107000
1964	6800	07-25-64	ES		1965	122000
1965	4500	08-14-65	ES		1966	226000
1966	40000	12-24-65	ES		1967	255000
1967	40000	08-13-67	ES		1968	281000
1968	35000	12-20-67	ES		1969	315000
1969	4700	01-22-69	ES		1970	219000
1970	5000	09-06-70	ES		1971	57500
1971	8700	08-14-71	ES		1972	175000
1972	7000	10-28-71	ES		1973	273000
1973	81000	10-19-72	ES		1974	363000
1974	8300	07-20-74	ES		1975	335000
1975	15000	09-10-75	KR			

ES Discharge estimated from another site.

HP Isolated historic peak; not part of systematic record.

KR Known significant effect of regulation or diversion.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

[illegible]

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	262	5114	100.0	12	13.0	153	4189	81.9	24	1300	176	417	8.1
1	0.20	7	4852	94.9	13	19.0	205	4036	78.9	25	1900	97	241	4.7
2	0.30	9	4845	94.7	14	28.0	313	3831	74.9	26	2700	69	144	2.8
3	0.40	48	4836	94.6	15	41.0	496	3518	68.8	27	4000	30	75	1.4
4	0.60	10	4788	93.6	16	60.0	349	3022	59.1	28	5800	19	45	.8
5	0.90	153	4778	93.4	17	88.0	367	2673	52.3	29	8500	12	26	.5
6	1.30	8	4625	90.4	18	130.0	393	2306	45.1	30	12000	6	14	.2
7	2.00	42	4617	90.3	19	190.0	453	1913	37.4	31	18000	4	8	.1
8	2.90	87	4575	89.5	20	280.0	413	1460	28.5	32	27000	1	4	
9	4.20	111	4488	87.8	21	400.0	267	1047	20.5	33	39000	1	3	
10	6.10	53	4377	85.6	22	590.0	183	780	15.3	34	57000	2	2	
11	9.00	135	4324	84.6	23	870.0	180	597	11.7					

GILA RIVER BASIN

09469499 GILA RIVER BELOW COOLIDGE DAM, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1916	12.00 54	12.00 53	13.00 53	16.00 54	33.00 57	67.00 59	115.00 57	255.00 60	521.00 58
1917	14.00 57	15.00 57	16.00 57	19.00 57	26.00 55	49.00 54	99.00 55	125.00 53	187.00 46
1918	3.00 46	3.00 44	3.60 43	4.40 42	7.90 37	15.00 38	27.00 34	38.00 34	87.00 28
1919	0.00 1	0.00 1	0.57 32	3.70 39	24.00 53	59.00 58	154.00 58	192.00 57	429.00 57
1920	14.00 58	17.00 58	24.00 58	31.00 60	34.00 58	48.00 53	79.00 51	107.00 49	175.00 44
1921	0.20 29	0.20 29	0.23 23	0.36 21	1.10 23	4.90 20	13.00 19	25.00 23	58.00 25
1922	0.60 36	1.70 42	2.10 41	3.20 38	4.20 33	4.80 17	13.00 20	25.00 24	49.00 20
1923	0.50 34	0.50 34	0.50 29	0.50 25	0.50 14	1.30 5	9.10 14	29.00 29	54.00 24
1924	0.30 31	0.30 31	0.30 25	0.49 24	1.00 21	7.90 25	15.00 25	13.00 9	269.00 52
1925	1.00 38	1.00 36	1.00 34	1.00 30	1.19 24	5.90 21	11.00 17	13.00 10	26.00 4
1926	0.00 2	0.00 2	0.00 1	0.36 22	6.50 36	27.00 48	41.00 45	43.00 37	269.00 53
1927	1.00 39	1.00 37	1.10 37	1.90 34	10.00 43	19.00 40	40.00 44	59.00 42	131.00 36
1928	0.00 3	0.00 3	0.00 2	0.00 1	0.07 8	3.10 12	14.00 21	32.00 32	90.00 29
1929	0.00 4	0.00 4	0.00 3	0.00 2	0.00 1	0.00 1	0.00 1	1.30 1	8.00 1
1930	0.00 5	0.00 5	1.90 40	6.60 44	9.50 40	25.00 46	88.00 53	129.00 54	178.00 45
1931	4.00 47	5.70 50	9.30 51	11.00 51	17.00 51	54.00 56	115.00 56	120.00 52	330.00 54
1932	12.00 55	13.00 56	14.00 54	17.00 56	29.00 56	53.00 55	95.00 54	205.00 59	260.00 51
1933	1.00 40	1.00 38	1.00 35	3.90 40	25.00 54	28.00 49	35.00 40	40.00 35	126.00 34
1934	0.20 30	0.23 30	0.30 26	0.63 27	0.90 18	3.20 13	8.70 13	15.00 13	41.00 16
1935	0.40 32	0.40 32	0.53 31	0.65 28	1.90 27	12.00 33	27.00 35	64.00 43	199.00 47
1936	0.00 6	0.03 27	0.27 24	0.48 23	1.00 22	4.90 18	22.00 33	45.00 38	97.00 31
1937	1.00 41	1.00 39	1.00 36	1.00 31	13.00 47	19.00 41	37.00 43	41.00 36	158.00 42
1938	0.00 7	0.00 6	0.14 22	1.00 32	1.30 25	8.20 26	20.00 29	29.00 30	84.00 27
1939	0.50 35	0.50 35	0.50 30	0.54 26	0.93 19	6.30 23	21.00 30	82.00 47	152.00 39
1940	0.00 8	0.00 7	0.36 27	2.20 37	12.00 44	27.00 47	46.00 47	52.00 40	146.00 38
1941	22.00 59	22.00 59	25.00 60	29.00 58	43.00 60	95.00 60	200.00 60	197.00 58	684.00 59
1942	6.00 51	6.00 51	6.30 49	8.10 47	13.00 45	22.00 44	35.00 41	56.00 41	122.00 33
1943	1.00 42	1.30 40	1.70 39	2.10 35	4.90 34	9.80 30	14.00 22	21.00 20	71.00 26
1944	0.40 33	0.47 33	0.77 33	0.97 29	2.00 28	6.10 22	13.00 18	19.00 17	42.00 17
1945	0.00 9	0.00 8	0.00 4	0.14 20	0.95 20	9.70 29	48.00 48	118.00 51	171.00 43
1946	0.00 10	0.00 9	0.00 5	0.00 3	0.18 11	2.50 11	7.00 10	15.00 14	49.00 21
1947	0.00 11	0.00 10	0.00 6	0.00 4	0.61 15	1.30 6	4.00 6	8.30 4	33.00 10
1948	0.00 12	0.00 11	0.00 7	0.00 5	0.71 16	14.00 35	32.00 37	45.00 39	90.00 30
1949	2.50 44	3.00 45	4.60 45	8.00 46	16.00 48	38.00 52	86.00 52	152.00 56	234.00 49
1950	0.00 13	0.00 12	0.00 8	0.13 19	0.76 17	3.30 14	7.20 11	13.00 11	40.00 13
1951	0.00 14	0.00 13	0.00 9	0.00 6	0.01 6	1.40 7	7.90 12	26.00 25	52.00 23
1952	0.00 15	0.00 14	0.00 10	0.00 7	2.00 29	21.00 42	44.00 46	76.00 46	153.00 40
1953	0.00 16	0.00 15	0.00 11	0.00 8	0.26 13	9.30 28	17.00 26	31.00 31	51.00 22
1954	0.00 17	0.00 16	0.00 12	0.00 9	0.01 7	1.40 8	3.10 4	11.00 7	157.00 41
1955	0.00 18	0.00 17	0.00 13	0.01 17	2.70 30	3.80 15	6.30 9	9.50 6	26.00 5
1956	0.00 19	0.00 18	0.00 14	0.00 10	0.00 2	0.14 2	2.10 2	4.40 2	10.00 2
1957	0.00 20	0.00 19	0.00 15	0.00 11	0.00 3	1.40 9	2.80 3	15.00 12	25.00 3
1958	0.00 21	0.03 28	3.70 44	8.40 49	16.00 49	21.00 43	35.00 42	71.00 45	416.00 56
1959	0.00 22	0.00 20	0.00 16	0.00 12	0.00 4	0.64 4	4.00 7	9.20 5	29.00 6
1960	0.00 23	0.00 21	0.00 17	0.00 13	0.24 12	4.90 19	4.90 8	5.50 3	32.00 8
1961	0.00 24	0.00 22	0.00 18	0.00 14	0.00 5	0.14 3	3.80 5	12.00 8	32.00 9
1962	0.00 25	0.00 23	0.00 19	0.04 18	1.30 26	10.00 31	32.00 38	28.00 28	138.00 37
1963	0.00 26	0.00 24	0.00 20	0.00 15	0.10 9	2.30 10	9.60 15	20.00 18	112.00 32
1964	0.00 27	0.00 25	0.00 21	0.00 16	0.16 10	4.00 16	11.00 16	18.00 15	46.00 19
1965	0.00 28	0.00 26	0.39 28	1.10 33	3.80 32	11.00 32	34.00 39	66.00 44	131.00 35
1966	11.00 53	12.00 54	14.00 55	16.00 55	21.00 52	31.00 50	50.00 49	88.00 48	244.00 50
1967	9.30 52	9.90 52	10.00 52	11.00 52	13.00 46	16.00 39	21.00 31	26.00 26	41.00 14
1968	22.00 60	22.00 60	24.00 59	29.00 59	38.00 59	56.00 57	157.00 59	139.00 55	392.00 55
1969	4.80 50	5.20 49	5.60 48	6.80 45	8.40 38	14.00 36	18.00 27	24.00 22	39.00 12
1970	4.50 48	4.60 47	5.40 47	10.00 50	10.00 41	15.00 37	21.00 32	28.00 27	43.00 18
1971	2.10 43	2.30 43	2.80 42	4.30 41	5.00 35	9.10 27	14.00 23	19.00 16	41.00 15
1972	4.80 49	4.90 48	5.20 46	6.20 43	10.00 42	13.00 34	18.00 28	23.00 21	37.00 11
1973	13.00 56	13.00 55	14.00 56	14.00 53	16.00 50	31.00 51	58.00 50	108.00 50	831.00 60
1974	0.90 37	1.30 41	1.60 38	2.10 36	3.00 31	6.70 24	14.00 24	21.00 19	30.00 7
1975	2.80 45	3.80 46	6.80 50	8.20 48	9.50 39	23.00 45	28.00 36	37.00 33	212.00 48

GILA RIVER BASIN

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09469499 GILA RIVER BELOW COOLIDGE DAM, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1916	100000.0 1	67700.0 1	39700.0 1	25300.0 1	14400.0 1	8690.0 1	6540.0 1	5090.0 1	3430.0 1
1917	33500.0 2	19900.0 2	11300.0 2	6120.0 2	3440.0 2	1910.0 4	1390.0 3	1550.0 3	1300.0 2
1918	1540.0 12	1150.0 12	801.0 12	531.0 12	342.0 12	271.0 12	234.0 12	198.0 11	145.0 12
1919	11300.0 5	6940.0 6	4080.0 7	2710.0 9	2570.0 5	1780.0 5	1320.0 4	1090.0 4	1150.0 4
1920	9460.0 6	7770.0 5	5450.0 5	4620.0 3	3330.0 3	2260.0 2	2010.0 2	1740.0 2	1300.0 3
1921	7470.0 8	6930.0 7	5060.0 6	3730.0 5	2980.0 4	1920.0 3	1320.0 5	991.0 6	659.0 6
1922	1150.0 13	870.0 13	573.0 13	421.0 13	291.0 13	201.0 13	164.0 13	138.0 13	110.0 13
1923	8000.0 7	4650.0 9	3140.0 10	2930.0 8	2170.0 8	1610.0 6	1140.0 7	859.0 7	570.0 8
1924	11800.0 3	10500.0 3	6490.0 3	3840.0 4	2300.0 6	1500.0 8	1170.0 6	1030.0 5	894.0 5
1925	11500.0 4	9570.0 4	5720.0 4	3090.0 6	1840.0 9	1080.0 9	729.0 9	551.0 10	366.0 10
1926	6250.0 9	5020.0 8	3700.0 8	3000.0 7	2240.0 7	1520.0 7	1070.0 8	833.0 8	629.0 7
1927	5520.0 10	4570.0 10	3460.0 9	2200.0 10	1520.0 10	886.0 10	676.0 10	583.0 9	438.0 9
1928	2600.0 11	1450.0 11	1170.0 11	691.0 11	538.0 11	355.0 11	239.0 11	192.0 12	149.0 11
1929	405.0 14	194.0 14	190.0 14	158.0 14	113.0 14	58.0 14	39.0 14	29.0 14	25.0 14

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
372	229	935	1449	1048	556	543	151	18.5	299	657	362
716700	67490	4564000	10400000	2494000	560200	517400	41710	360	267500	642900	241800
847	260	2136	3225	1579	748	719	204	19.0	517	802	492
3.22	1.43	3.51	3.40	1.76	2.54	1.19	1.54	0.88	2.41	1.54	2.14
2.28	1.14	2.29	2.23	1.51	1.35	1.32	1.36	1.03	1.73	1.22	1.36
5.62	3.46	14.1	21.9	15.8	8.40	8.21	2.28	0.28	4.52	9.93	5.47

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
464	219000	468	2.24	1.01	0.424

GILA RIVER BASIN

09469999 GILA RIVER AT WINKELMAN, AZ

LOCATION.--Lat 33°00'06", long 110°45'55", in NW 1/4 sec.13, T.5 S., R.15 E., Gila County, Hydrologic Unit 15050100, on right bank 1 mi (2 km) north of Winkelman, 2.2 mi (3.5 km) upstream from San Pedro River, and 29 mi (47 km) downstream from Coolidge Dam.

DRAINAGE AREA.--13,268 mi² (34,364 km²), of which 382 mi² (989 km²) is below Coolidge Dam.

REMARKS.--Discharge figures for this station represent flow which would have reached this site if Coolidge Dam did not exist and includes flows from 382 mi² (989 km²) drainage area below Coolidge Dam.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT,FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1942	3950	08-08-42			7.95				1942	356000
1943	5470	09-26-43			8.70				1943	369000
1944	54500	08-09-44		1931	18.40				1944	306000
1945	1650	08-09-45			5.37	NM	5.59	08-21-45	1945	219000
1946	12500	08-20-46			10.70				1946	84700
1947	24300	08-08-47			13.68				1947	63400
1948	1220	07-26-48			4.89				1948	65600
1949	2880	09-13-49			6.70				1949	253000
1950	4960	07-30-50			7.90				1950	148000
1951	26100	08-02-51			15.15				1951	46000
1952	2240	01-13-52			6.25				1952	240000
1953	640	08-25-53			4.38				1953	48800
1954	51700	08-05-54			17.89				1954	93300
1955	13200	07-25-55			12.0				1955	110000
1956	1100	07-29-56			5.85				1956	111000
1957	916	08-12-57			5.76				1957	55900
1958	1600	09-03-58			6.99				1958	254000
1959	1230	10-06-58			5.95				1959	154000
1960	2320	12-26-59			7.44				1960	272000
1961	20000	08-22-61	FS		17.15				1961	38800
1962	420	07-22-62			5.66				1962	260000
1963	3550	08-16-63			7.5				1963	153000
1964	2160	07-31-64			6.65				1964	113000
1965	1610	08-17-65			6.93				1965	123000
1966	6050	12-22-65			8.80				1966	272000
1967	3520	07-16-67			10.29				1967	265000
1968	11800	12-20-67			14.13				1968	308000
1969	820	07-22-69			6.84				1969	312000
1970	2760	03-03-70			9.18				1970	230000
1971	4730	09-29-71			7.69				1971	60900
1972	10300	10-01-71			13.59				1972	182000
1973	4730	10-20-72			12.26				1973	295000
1974	6420	08-02-74			11.82				1974	356000
1975	2500	09-07-75			7.09				1975	357000

NM Not maximum gage height for water year.

FS Discharge estimated from another site.

09469999 GILA RIVER AT WINKELMAN, AZ--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

[illegible]

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	283	12418	100.0	12	5.6	118	11400	91.8	24	310	1271	4334	34.9
1	0.10	27	12135	97.7	13	7.8	372	11282	90.9	25	430	1416	3063	24.6
2	0.20	25	12108	97.5	14	11.0	412	10910	87.9	26	600	1342	1647	13.2
3	0.30	18	12083	97.3	15	15.0	336	10498	84.5	27	850	284	305	2.4
4	0.40	26	12065	97.2	16	21.0	306	10162	81.8	28	1200	10	21	.1
5	0.50	43	12039	96.9	17	30.0	299	9856	79.4	29	1700	7	11	
6	0.70	46	11996	96.6	18	41.0	399	9557	77.0	30	2300	1	4	
7	1.00	83	11950	96.2	19	58.0	498	9158	73.7	31	3200	1	3	
8	1.50	45	11867	95.6	20	81.0	740	8660	69.7	32	4500		2	
9	2.00	166	11822	95.2	21	110.0	1151	7920	63.8	33	6300	2	2	
10	2.80	124	11656	93.9	22	160.0	1126	6769	54.5	34				
11	4.00	132	11532	92.9	23	220.0	1309	5643	45.4					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1942	30.00 33	33.00 33	40.00 32	46.00 31	55.00 29	114.00 28	163.00 31	193.00 33	248.00 30
1943	108.00 35	142.00 35	170.00 35	206.00 35	221.00 35	237.00 35	259.00 35	278.00 35	338.00 35
1944	22.00 31	25.00 31	35.00 31	50.00 33	105.00 34	137.00 32	138.00 27	166.00 29	230.00 26
1945	24.00 32	27.00 32	50.00 34	68.00 34	104.00 33	144.00 34	166.00 32	177.00 30	215.00 25
1946	0.40 11	0.40 11	0.44 11	0.70 11	1.10 9	5.10 8	27.00 12	60.00 14	100.00 11
1947	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.10 2	1.50 4	30.00 8	67.00 7
1948	1.00 12	1.10 12	1.70 12	3.30 12	23.00 21	29.00 15	38.00 14	50.00 10	75.00 8
1949	0.10 8	0.17 9	0.21 9	0.32 8	0.88 8	17.00 12	23.00 9	25.00 6	114.00 12
1950	8.40 23	8.70 23	9.70 23	17.00 26	27.00 24	106.00 25	120.00 22	112.00 22	166.00 18
1951	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	1.10 5	6.10 6	19.00 5	43.00 5
1952	3.60 16	3.60 16	3.70 16	3.80 14	5.70 12	39.00 18	37.00 13	59.00 13	85.00 9
1953	0.20 10	0.23 10	0.33 10	0.59 10	5.80 13	9.70 9	24.00 11	31.00 9	56.00 6
1954	0.10 9	0.10 8	0.10 8	0.13 7	0.34 6	0.81 4	1.30 3	2.20 1	26.00 2
1955	0.00 3	0.00 3	0.00 3	0.02 6	2.60 10	5.00 7	23.00 10	56.00 12	116.00 13
1956	0.00 4	0.00 4	0.00 4	0.00 3	0.21 5	12.00 11	11.00 7	62.00 15	142.00 16
1957	0.00 5	0.00 5	0.00 5	0.00 4	0.00 3	0.17 3	0.92 1	5.00 3	30.00 3
1958	7.70 21	7.90 20	8.20 19	11.00 20	25.00 23	66.00 19	122.00 23	121.00 25	171.00 21
1959	2.00 14	2.10 14	3.00 14	11.00 21	28.00 25	80.00 21	107.00 20	102.00 19	168.00 20
1960	8.50 24	8.50 22	8.70 20	9.30 18	11.00 14	67.00 20	91.00 18	99.00 18	178.00 22
1961	0.00 6	0.00 6	0.03 7	0.36 9	0.75 7	2.00 6	4.70 5	11.00 4	34.00 4
1962	14.00 28	20.00 30	32.00 30	41.00 30	100.00 32	124.00 29	133.00 26	136.00 26	237.00 28
1963	7.80 22	7.80 19	7.90 18	8.60 17	11.00 15	11.00 10	12.00 8	26.00 7	128.00 14
1964	5.00 17	11.00 25	14.00 25	15.00 24	54.00 27	83.00 22	123.00 24	120.00 24	141.00 15
1965	9.60 25	9.60 24	9.90 24	11.00 22	12.00 16	30.00 16	55.00 16	53.00 11	88.00 10
1966	3.00 15	3.20 15	3.50 15	3.60 13	4.20 11	24.00 13	115.00 21	108.00 20	166.00 19
1967	18.00 29	19.00 29	19.00 28	20.00 27	91.00 31	110.00 27	162.00 29	158.00 27	252.00 31
1968	45.00 34	45.00 34	46.00 33	48.00 32	59.00 30	138.00 33	194.00 34	178.00 31	244.00 29
1969	18.00 30	18.00 28	19.00 29	26.00 29	55.00 28	85.00 23	125.00 25	118.00 23	231.00 27
1970	14.00 26	15.00 26	15.00 26	15.00 25	17.00 19	98.00 24	94.00 19	111.00 21	209.00 24
1971	0.00 7	0.00 7	0.00 6	0.00 5	0.00 4	0.00 1	1.10 2	4.30 2	14.00 1
1972	1.70 13	1.80 13	2.40 13	6.80 15	17.00 20	26.00 14	74.00 17	93.00 17	184.00 23
1973	7.50 20	8.30 21	9.20 21	13.00 23	15.00 17	33.00 17	53.00 15	79.00 16	152.00 17
1974	6.60 18	7.00 17	7.40 17	8.20 16	17.00 18	124.00 30	147.00 28	166.00 28	291.00 33
1975	14.00 27	15.00 27	18.00 27	24.00 28	37.00 26	107.00 26	163.00 30	189.00 32	316.00 34

09469999 GILA RIVER AT WINKELMAN, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1942	1140.0 15	1080.0 6	1070.0 4	1040.0 2	918.0 2	894.0 1	866.0 1	818.0 1	736.0 1
1943	1370.0 14	997.0 9	957.0 8	911.0 8	854.0 8	830.0 4	786.0 4	756.0 3	688.0 4
1944	6310.0 2	2490.0 1	1580.0 1	1080.0 1	876.0 5	777.0 9	723.0 11	671.0 11	614.0 9
1945	614.0 28	598.0 25	578.0 19	535.0 19	510.0 17	442.0 17	417.0 17	398.0 17	381.0 17
1946	1020.0 20	494.0 28	328.0 30	265.0 30	204.0 32	182.0 31	172.0 29	162.0 29	135.0 28
1947	2230.0 5	762.0 22	417.0 28	206.0 34	195.0 34	159.0 33	135.0 31	133.0 31	113.0 31
1948	284.0 34	282.0 34	279.0 33	259.0 31	231.0 30	196.0 30	162.0 30	150.0 30	128.0 29
1949	975.0 22	940.0 13	932.0 11	919.0 6	858.0 7	769.0 10	748.0 7	663.0 12	628.0 7
1950	1130.0 16	520.0 27	505.0 23	496.0 22	487.0 20	410.0 21	330.0 21	322.0 21	294.0 21
1951	2050.0 7	1010.0 7	456.0 25	309.0 27	265.0 28	198.0 29	133.0 32	100.0 33	89.0 33
1952	1080.0 17	1010.0 8	984.0 6	930.0 5	895.0 3	813.0 6	768.0 5	693.0 7	585.0 12
1953	294.0 33	288.0 33	275.0 34	244.0 33	197.0 33	149.0 34	132.0 33	111.0 32	101.0 32
1954	6470.0 1	2420.0 2	1210.0 2	658.0 16	379.0 25	334.0 25	247.0 24	245.0 24	232.0 23
1955	1790.0 9	777.0 21	438.0 26	419.0 25	392.0 23	298.0 26	227.0 26	187.0 26	182.0 26
1956	544.0 30	543.0 26	523.0 22	487.0 23	429.0 22	351.0 22	325.0 22	307.0 22	223.0 24
1957	504.0 31	479.0 29	471.0 24	426.0 24	386.0 24	343.0 23	246.0 25	187.0 27	124.0 30
1958	946.0 23	941.0 12	936.0 9	899.0 9	831.0 10	755.0 13	683.0 13	629.0 13	557.0 13
1959	642.0 26	634.0 24	619.0 18	554.0 18	501.0 18	412.0 20	358.0 20	385.0 18	299.0 20
1960	1080.0 18	857.0 17	849.0 13	834.0 12	814.0 12	789.0 7	726.0 9	673.0 9	614.0 10
1961	2010.0 8	854.0 18	390.0 29	249.0 32	211.0 31	162.0 32	115.0 34	87.0 34	62.0 34
1962	732.0 25	723.0 23	722.0 15	700.0 14	678.0 14	664.0 14	635.0 14	567.0 14	523.0 14
1963	1410.0 13	917.0 14	558.0 20	533.0 20	498.0 19	440.0 18	399.0 18	359.0 20	351.0 19
1964	600.0 29	328.0 31	311.0 31	290.0 29	244.0 29	208.0 28	199.0 27	192.0 25	191.0 25
1965	621.0 27	468.0 30	424.0 27	387.0 26	353.0 26	343.0 24	320.0 23	293.0 23	257.0 22
1966	1500.0 11	1120.0 5	969.0 7	939.0 4	880.0 4	787.0 8	716.0 12	673.0 10	627.0 8
1967	1060.0 19	828.0 20	701.0 16	677.0 15	626.0 15	584.0 15	581.0 15	546.0 15	501.0 15
1968	4200.0 3	2100.0 3	1140.0 3	914.0 7	867.0 6	846.0 3	748.0 8	691.0 8	609.0 11
1969	890.0 24	852.0 19	824.0 14	808.0 13	776.0 13	756.0 12	724.0 10	700.0 6	667.0 5
1970	1760.0 10	984.0 11	675.0 17	617.0 17	571.0 16	526.0 16	498.0 16	485.0 16	461.0 16
1971	355.0 32	302.0 32	300.0 32	296.0 28	284.0 27	218.0 27	172.0 28	178.0 28	151.0 27
1972	2540.0 4	880.0 15	558.0 21	533.0 21	478.0 21	412.0 19	382.0 19	366.0 19	372.0 18
1973	1420.0 12	862.0 16	858.0 12	853.0 11	832.0 9	820.0 5	789.0 3	734.0 5	666.0 6
1974	2180.0 6	1350.0 4	988.0 5	959.0 3	932.0 1	869.0 2	800.0 2	760.0 2	724.0 2
1975	999.0 21	987.0 10	936.0 10	882.0 10	815.0 11	757.0 11	752.0 6	739.0 4	691.0 3

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
129	90.5	158	82.3	180	334	350	323	398	438	412	302
12400	8134	10100	3578	13420	29890	32910	51080	83630	113400	74660	38120
111	90.2	100	59.8	116	173	181	226	289	337	273	195
1.19	1.38	0.05	1.27	0.49	0.40	-0.26	0.09	-0.04	-0.10	0.19	0.22
0.86	1.00	0.63	0.73	0.65	0.52	0.52	0.70	0.73	0.77	0.66	0.65
4.05	2.83	4.95	2.57	5.62	10.5	10.9	10.1	12.4	13.7	12.9	9.45

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
267	22100	149	0.07	0.56	0.387

09470500 SAN PEDRO RIVER AT PALOMINAS, AZ

LOCATION.--Lat 31°22'48", long 110°06'38", in SW¼SE¼ sec.33, T.23 S., R.22 E., Cochise County, Hydrologic Unit 15050202, near left bank on downstream side of pier of bridge on State Highway 92, 0.7 mi (1.1 km) east of Palominas, 2.5 mi (4.0 km) upstream from Green Brush Draw, 4.5 mi (7.2 km) downstream from international boundary, and 12 mi (19 km) southwest of Bisbee.

DRAINAGE AREA.--741 mi² (1,919 km²), of which 649 mi² (1,681 km²) is in Mexico.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1930	9400	08-07-30			1931	31800
1931	8900	08-08-31			1932	26100
1932	6000	08-09-32			1933	13800
1933	4700	09-19-33			1936	23600
1935	3000	08-14-35			1937	37400
1936	13500	09-10-36			1938	18400
1937	8090	08-20-37			1939	24200
1938	6300	08-07-38			1940	31400
1939	7500	08-06-39			1951	10200
1940	22000	08-14-40			1952	11400
1950	6270	07-05-50		8.5	1953	16300
1951	5710	07-02-51		8.10	1954	54900
1952	7400	08-16-52		9.15	1955	48900
1953	11900	07-07-53		11.68	1956	10600
1954	17300	07-31-54		14.40	1957	8790
1955	6250	07-31-55		8.4	1958	53400
1956	4640	07-17-56		8.66	1959	32800
1957	2540	08-20-57		5.74	1960	15400
1958	16500	08-05-58		12.61	1961	14000
1959	13000	07-27-59		11.19	1962	5160
1960	3410	08-16-60		5.51	1963	19200
1961	3820	07-29-61		5.85	1964	37100
1962	4130	07-26-62		6.20	1965	7290
1963	6340	07-27-63		10.7	1966	24900
1964	11000	08-14-64		12.84	1967	17000
1965	4530	07-28-65		9.70	1968	17000
1966	3610	07-28-66		8.57	1969	10200
1967	5560	07-26-67		10.50	1970	15500
1968	6500	12-20-67	ES		1971	36700
1969	4000	07-28-69		9.41	1972	10200
1970	5870	08-09-70		10.49	1973	10500
1971	6380	08-11-71		10.86	1974	21400
1972	1830	08-26-72		7.52	1975	16400
1973	2900	10-18-72		8.75		
1974	7360	07-30-74		11.37		
1975	6840	09-14-75		11.03		

ES Discharge estimated from another site.

09470500 SAN PEDRO RIVER AT PALOMINAS, AZ--CONTINUED

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
													NUMBER	OF	DAYS	IN	CLASS																			
1931											18		25	7	36	128	43	19	18	14	19	8	9	6	6	2	2	2	2	1						
1932													5	14	24	70	45	73	66	38	6	6	3	5	4	3										
1933													26	19	73	73	94	35	14	13	7	3	2	2	1	2	1									
1936											20		30	33	57	79	97	9	10	5	2	1	7	5	5	2	1	2								
1937											16		19	14	63	144	46	10	4	7	8	5	7	3	5	6	2	1	3	1	1					
1938								9	12	8			20	28	76	94	52	10	9	13	2	7	10	6	6	1	1	1								
1939								18	8	20			18	33	98	84	18	12	12	6	7	6	4	7	5	1	4	2	1							
1940										4	21		24	33	71	126	25	8	13	8	11	5	4	3	3	1	3	1	1							
1951	11					12	62	16	15	15	14	49	75	47	6	5	6	5	6	7	4	4	1	2												
1952	3					39	63	25	17	10	20	61	51	28	7	5	4	5	5	7	2	4	3	2												
1953	29					90	61	24	32	10	28	23	10	8	2	4		4	4	3	3	4	5	2	2	2	1									
1954	72					158	27	4	5	5	3	2		5	9	10	9	5	4	5	7	6	3	4	8	3	2	1	2	1						
1955	4					25	7	19	19	18	28	23	53	52	56	3	5	5	3	3	4	7	5	2	6	7	6	2	2	1						
1956						15	41	26	13	18	21	40	83	53	19	4	5	6	4	8	4	1	2													
1957	4					33	47	55	38	6	8	27	43	52	6	8	4	5	2	4	7	5	4	1												
1958	4					8	36	63	45	29	37	25	22	7	5	7	5	6	6	14	9	8	11	4	6	2	2	2	1	1						
1959						34	22	2	19	5	12	25	36	89	46	15	10	11	6	8	7	1	4	7	3	1	1									
1960	36					34	25	7	22	19	13	6	4	37	56	13	24	23	19	10	7	3	2	1	2	1	1	1								
1961	3					69	82	19	9	8	20	24	47	31	3	6	3	6	7	9	3	1	2	7	2	2	2									
1962	56					66	18	17	13	11	13	24	29	58	21	13	5	7	4	5	1	2	1													
1963	93					65	22	13	29	51	15	3	6	2	7	5	4	6	4	2	11	13	6	2	3											
1964						149	17	4	37	26	25	26	3		15	7	5	4	7	5	9	5	5	3	4	5	2	1								
1965	74					21	4	11	2	5	3	6	62	68	59	18	15	5	2	3	2	2														
1966	109					26	14	9	10	10	3	6	6	8	25	21	29	17	18	18	9	9	3	4	5	5										
1967	28	4	3	2	17	36	24	4	7	10	7	5	13	41	91	15	7	3	2	6	4	8	9	8	4	5	1	1								
1968	57					16	8	24	26	31	9	16	26	19	14	9	26	45	24	4	5	3	1	1												
1969	165					23	10	16	12	17	11	21	39	4	8	2	5	5	7	4	3	3	2	5			2	1								
1970	149					23	14	21	22	10	9	36	13	14	12	4	4	5	6	4	5	2	1	7	2											
1971	74					29	25	14	29	21	27	27	23	22	19	4	9	2	5	15	11	4	2	4	6	4	3	1	3							
1972	40					11	49	13	17	12	11	15	22	26	104	13	9	5	12	2	2	3	4	1	3	2	1	1								
1973	64					7	17	20	20	10	3	17	8	83	57	11	6	14	5	2	3	7	4	5	1	1	2									
1974	70					42	27	43	52	44	15	21	4	3	3	4	5	5	6	3		3	3	4	3	1	2									
1975	9	1		1	2	9	6	23	53	34	33	93	48	12	5	3	4	4	4	3	2	5	3	3	1	2	2	1	1	1						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1154	12054	100.0	12	1.7	776	7121	59.1	24	210	115	368	3.0
1	0.01	4	10900	90.4	13	2.6	884	6345	52.6	25	320	79	253	2.0
2	0.02	4	10896	90.4	14	3.8	1306	5461	45.3	26	470	76	174	1.4
3	0.03	2	10892	90.4	15	5.7	1441	4155	34.5	27	700	42	98	0.8
4	0.04	18	10890	90.3	16	8.6	668	2714	22.5	28	1100	24	56	0.4
5	0.07	38	10872	90.2	17	13.0	383	2046	17.0	29	1600	16	32	0.2
6	0.10	971	10834	89.9	18	19.0	352	1663	13.8	30	2300	11	16	0.1
7	0.20	666	9863	81.8	19	28.0	291	1311	10.9	31	3500	3	5	
8	0.30	530	9197	76.3	20	43.0	194	1020	8.5	32	5200	2	2	
9	0.50	604	8667	71.9	21	63.0	171	826	6.9	33				
10	0.80	574	8063	66.9	22	95.0	166	655	5.4	34				
11	1.20	368	7489	62.1	23	140.0	121	489	4.1					

09470500 SAN PEDRO RIVER AT PALOMINAS, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1931	1.00 30	1.00 30	1.00 30	1.10 32	1.50 32	2.60 32	4.00 33	5.60 33	14.00 33
1932	2.00 33	2.00 33	2.40 34	2.60 34	3.30 34	5.10 34	6.50 34	8.50 34	16.00 34
1933	2.00 34	2.00 34	2.00 33	2.00 33	2.40 33	2.90 33	3.30 32	3.90 30	8.10 32
1936	1.00 31	1.00 31	1.00 31	1.00 30	1.30 30	1.80 30	2.40 30	3.20 28	5.40 27
1937	1.00 32	1.00 32	1.00 32	1.00 31	1.50 31	2.30 31	3.20 31	4.00 31	5.40 28
1938	0.40 28	0.40 28	0.40 28	0.46 27	0.69 28	1.50 28	2.30 29	3.50 29	4.60 24
1939	0.30 27	0.30 27	0.31 27	0.35 26	0.49 26	1.00 26	1.80 27	2.40 26	3.70 22
1940	0.70 29	0.70 29	0.74 29	0.80 29	1.10 29	1.80 29	2.30 28	3.20 27	5.00 25
1951	0.00 1	0.00 1	0.01 17	0.02 16	0.12 19	0.48 19	0.99 22	1.40 18	2.30 17
1952	0.00 2	0.00 2	0.06 20	0.11 21	0.11 17	0.71 24	1.30 24	1.60 23	2.00 13
1953	0.00 3	0.00 3	0.00 1	0.00 1	0.02 8	0.05 8	0.11 6	0.51 8	0.91 7
1954	0.00 4	0.00 4	0.00 2	0.00 2	0.02 9	0.05 9	0.05 3	0.06 1	0.19 1
1955	0.00 5	0.03 22	0.04 18	0.07 17	0.12 20	0.83 25	0.93 20	1.40 19	2.80 18
1956	0.20 25	0.20 25	0.20 25	0.24 24	0.26 24	0.70 23	1.50 25	1.80 24	3.40 19
1957	0.00 6	0.00 5	0.10 23	0.10 20	0.14 21	0.15 13	0.20 12	1.50 21	2.20 15
1958	0.00 7	0.00 6	0.27 26	0.35 25	0.41 25	0.50 20	0.97 21	1.40 20	2.30 16
1959	0.20 26	0.20 26	0.20 24	0.20 23	0.20 22	0.50 21	1.19 23	1.80 25	3.90 23
1960	0.00 8	0.00 7	0.00 3	0.00 3	0.03 12	0.14 12	0.23 14	1.10 16	6.70 31
1961	0.00 9	0.03 23	0.07 21	0.09 18	0.11 18	0.16 14	0.19 11	0.52 9	1.60 12
1962	0.00 10	0.00 8	0.00 4	0.00 4	0.00 1	0.04 6	0.17 10	0.59 11	5.40 26
1963	0.00 11	0.00 9	0.00 5	0.00 5	0.00 2	0.00 1	0.09 5	0.28 6	0.41 2
1964	0.10 24	0.10 24	0.10 22	0.10 19	0.10 15	0.10 10	0.14 7	0.47 7	0.53 3
1965	0.00 12	0.00 10	0.00 6	0.00 6	0.00 3	0.00 2	0.30 15	1.60 22	3.60 21
1966	0.00 13	0.00 11	0.00 7	0.00 7	0.00 4	0.00 3	0.15 9	0.66 12	5.80 30
1967	0.00 14	0.00 12	0.00 8	0.00 8	0.02 10	0.05 7	0.06 4	0.14 3	1.30 10
1968	0.00 15	0.00 13	0.00 9	0.00 9	0.06 13	0.19 16	0.38 16	1.40 17	3.40 20
1969	0.00 16	0.00 14	0.00 10	0.00 10	0.00 5	0.00 4	0.01 1	0.06 2	0.91 8
1970	0.00 17	0.00 15	0.00 11	0.00 11	0.00 6	0.00 5	0.05 2	0.15 4	0.78 5
1971	0.00 18	0.00 16	0.00 12	0.01 15	0.03 11	0.10 11	0.14 8	0.28 5	0.91 6
1972	0.00 19	0.00 17	0.00 13	0.00 12	0.07 14	0.45 18	0.77 19	0.84 14	1.30 11
1973	0.00 20	0.00 18	0.00 14	0.00 13	0.00 7	1.50 27	1.80 26	5.00 32	5.60 29
1974	0.00 21	0.00 19	0.00 15	0.00 14	0.11 16	0.16 15	0.22 13	0.54 10	0.58 4
1975	0.00 22	0.00 20	0.00 16	0.53 28	0.64 27	0.70 22	0.71 18	0.76 13	1.10 9

09470500 SAN PEDRO RIVER AT PALOMINAS, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1931	1710.0 16	1010.0 14	715.0 12	411.0 12	292.0 11	201.0 10	141.0 10	106.0 10	71.0 10
1932	1650.0 18	689.0 19	357.0 21	320.0 17	179.0 19	105.0 20	73.0 22	56.0 22	41.0 20
1933	825.0 27	481.0 25	217.0 29	115.0 30	81.0 28	49.0 30	51.0 26	39.0 26	27.0 26
1936	3100.0 6	1380.0 11	606.0 14	288.0 18	195.0 17	138.0 14	101.0 14	77.0 14	51.0 14
1937	2340.0 12	1990.0 6	1270.0 3	765.0 6	452.0 6	262.0 6	192.0 6	144.0 6	96.0 6
1938	1490.0 19	612.0 21	312.0 22	206.0 23	156.0 21	102.0 21	80.0 20	60.0 20	40.0 21
1939	2610.0 9	1450.0 9	995.0 8	537.0 9	349.0 9	208.0 9	144.0 9	108.0 9	72.0 9
1940	6420.0 1	2740.0 1	1310.0 2	705.0 7	407.0 8	224.0 8	157.0 8	120.0 8	80.0 8
1951	936.0 24	564.0 22	254.0 25	122.0 28	80.0 29	76.0 26	51.0 27	38.0 27	26.0 27
1952	859.0 26	473.0 27	281.0 23	246.0 21	148.0 22	83.0 23	57.0 23	43.0 24	29.0 24
1953	2470.0 11	1230.0 12	552.0 15	420.0 11	246.0 12	133.0 15	89.0 15	66.0 15	44.0 15
1954	4720.0 4	2740.0 2	1890.0 1	1260.0 1	792.0 1	448.0 1	306.0 1	230.0 1	151.0 1
1955	2640.0 8	1460.0 8	1010.0 7	817.0 2	684.0 2	395.0 2	264.0 3	198.0 3	130.0 3
1956	807.0 28	358.0 30	221.0 28	174.0 26	103.0 26	69.0 27	47.0 28	35.0 28	24.0 28
1957	385.0 33	232.0 33	173.0 32	100.0 31	86.0 27	65.0 28	43.0 30	33.0 30	22.0 31
1958	4840.0 3	2520.0 3	1180.0 4	790.0 3	543.0 3	391.0 3	286.0 2	220.0 2	145.0 2
1959	4020.0 5	2170.0 4	1090.0 5	633.0 8	417.0 7	242.0 7	164.0 7	123.0 7	81.0 7
1960	1330.0 20	824.0 18	439.0 19	236.0 22	133.0 24	77.0 25	55.0 24	44.0 23	31.0 23
1961	744.0 29	519.0 24	257.0 24	177.0 25	139.0 23	101.0 22	74.0 21	56.0 21	37.0 22
1962	541.0 32	308.0 32	142.0 33	72.0 33	37.0 33	19.0 33	13.0 33	11.0 33	8.8 33
1963	1730.0 15	912.0 16	651.0 13	345.0 15	202.0 16	155.0 12	106.0 12	80.0 12	52.0 12
1964	5220.0 2	2120.0 5	1090.0 6	790.0 4	505.0 4	304.0 4	206.0 4	154.0 4	101.0 4
1965	1140.0 21	428.0 28	200.0 30	115.0 29	65.0 32	41.0 32	29.0 32	22.0 32	15.0 32
1966	1110.0 22	627.0 20	488.0 17	320.0 16	236.0 14	152.0 13	104.0 13	78.0 13	51.0 13
1967	1050.0 23	523.0 23	357.0 20	278.0 20	208.0 15	129.0 16	87.0 16	65.0 18	43.0 18
1968	2700.0 7	1600.0 7	739.0 11	363.0 13	191.0 18	106.0 19	83.0 19	66.0 16	44.0 16
1969	903.0 25	357.0 31	250.0 26	190.0 24	110.0 25	80.0 24	55.0 25	41.0 25	27.0 25
1970	1850.0 14	853.0 17	526.0 16	351.0 14	237.0 13	127.0 17	85.0 18	64.0 19	42.0 19
1971	2140.0 13	1400.0 10	915.0 9	776.0 5	489.0 5	294.0 5	202.0 5	152.0 5	100.0 5
1972	743.0 30	480.0 26	241.0 27	132.0 27	71.0 31	61.0 29	45.0 29	34.0 29	23.0 30
1973	630.0 31	386.0 29	183.0 31	90.0 32	79.0 30	46.0 31	32.0 31	25.0 31	24.0 29
1974	2520.0 10	1010.0 13	853.0 10	485.0 10	319.0 10	174.0 11	118.0 11	89.0 11	58.0 11
1975	1700.0 17	936.0 15	483.0 18	286.0 19	159.0 20	116.0 18	86.0 17	65.0 17	43.0 17

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
6.58	4.05	12.8	12.2	9.95	6.29	2.61	1.22	4.22	97.4	164	38.7
136	20.4	954	578	173	74.5	8.01	2.38	43.5	5224	28510	2851
11.7	4.51	30.9	24.0	13.1	8.63	2.83	1.54	6.59	72.3	169	53.4
3.25	1.55	4.77	3.83	2.17	2.89	1.65	1.93	1.80	0.94	1.23	2.81
1.77	1.11	2.41	1.97	1.32	1.37	1.08	1.26	1.56	0.74	1.03	1.38
1.83	1.13	3.56	3.39	2.76	1.75	0.72	0.34	1.17	27.0	45.6	10.7

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
30.5	330	18.2	1.07	0.60	0.106

GILA RIVER BASIN

09471000 SAN PEDRO RIVER AT CHARLESTON, AZ

LOCATION.--Lat 31°37'33", long 110°10'26", in NE¼NE¼ sec.11, T.21 S., R.21 E., Cochise County, Hydrologic Unit 15050202, in Spanish land grant of San Juan de las Boquillas y Nogales, at downstream side of pier near center of highway bridge, 0.3 mi (0.5 km) south of Charleston, 1.5 mi (2.4 km) upstream from Charleston damsite, and 9 mi (14 km) upstream from Babocomari River.

DRAINAGE AREA.--1,219 mi² (3,157 km²), of which 696 mi² (1,803 km²) is in Mexico.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT,FT	DATE	WATFR YEAR	TOTAL VOLUME, ACRE-FT
1916	7700	08-16-16							1913	23700
1917	13000	08-12-17							1916	34300
1918	4000	07-01-18	ES						1918	14700
1919	25100	08-16-19							1920	41800
1920	4500	09-05-20							1921	101000
1921	19000	07-19-21							1922	36500
1922	3720	09-09-22							1923	42200
1923	5200	08-12-23							1924	25300
1924	1900	07-24-24							1925	36800
1925	11900	08-06-25							1926	123000
1926	98000	09-28-26		1906					1929	54100
1927	5100	10-09-26	ES						1930	53500
1928	3800	07-15-28							1931	65000
1929	10400	07-29-29							1932	45900
1930	9740	08-07-30							1933	28100
1931	24500	08-09-31							1936	44700
1932	7000	08-09-32							1937	56000
1933	9600	07-22-33							1938	34600
1934	5000	- -	ES						1939	49800
1935	8600	08-28-35							1940	58500
1936	13000	09-11-36							1941	40700
1937	9430	08-20-37							1942	23700
1938	7450	08-07-38							1943	47600
1939	9370	08-07-39							1944	24300
1940	31000	08-13-40							1945	37800
1941	10800	08-16-41							1946	33500
1942	2870	07-24-42							1947	32300
1943	8650	08-09-43			8.20	NM	8.22	06-29-43	1948	33200
1944	3430	08-18-44			6.87				1949	47200
1945	7670	08-09-45			7.95				1950	31400
1946	12000	08-04-46			9.10				1951	19700
1947	10100	08-09-47			8.60				1952	26100
1948	7850	08-03-48			8.0				1953	28400
1949	6720	07-24-49			7.65				1954	86700
1950	6070	07-06-50			7.48				1955	86900
1951	5730	07-02-51			7.4				1956	20500
1952	7850	08-17-52			8.0				1957	22400
1953	8590	07-07-53			8.2				1958	74700
1954	23600	08-15-54			12.20				1959	44100
1955	14400	08-06-55			10.07				1960	24300
1956	6550	07-18-56			7.7				1961	22400
1957	6000	07-25-57			7.65				1962	13300
1958	8400	08-05-58			8.60				1963	33600
1959	7480	07-27-59			8.34				1964	54900
1960	3900	08-11-60			6.78				1965	16100
1961	3620	07-30-61			6.63				1966	36600
1962	3580	07-28-62			6.61				1967	23700
1963	6460	07-27-63			7.54				1968	25800
1964	7690	08-14-64			7.43				1969	17400
1965	4180	09-04-65			6.51				1970	26300
1966	4400	08-03-66			6.40				1971	51000
1967	6010	07-26-67			6.88				1972	24800
1968	5050	12-20-67			6.70				1973	20500
1969	3920	07-28-69			6.21				1974	38500
1970	4600	08-09-70			6.48				1975	22200
1971	5920	08-10-71			6.81					
1972	5950	08-26-72			6.75					
1973	3340	07-15-73			5.97					
1974	13100	07-20-74			8.60					
1975	4020	09-14-75			6.25					

ES Discharge estimated from another site.
NM Not maximum gage height for water year.

09471000 SAN PEDRO RIVER AT CHARLESTON, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
	NUMBER OF DAYS IN CLASS																																				
1929									16	27	23	14	57	125	28	9	13	8	6	5	5	7	3	6	3			3	2	3	1			1			
1930									12	14	9	33	70	87	77	13	8	4	4	2	4	3	6	3	3	4	4	1	1			2		1			
1931																																					
1932						2	9	38	39	41	20	19	54	40	20	13	5	8	6	6	11	7	4	8	6	3	1			4				1			
1933								1	34	33	21	19	62	58	45	28	22	7	7	6	7		2	4	3	3	1	1	2								
1936							3	8	12	12	72	52	92	52	23	13	6	2	1	5			2	4	2	1	1	1									
1937						5	16	8	26	16	30	59	77	60	13	6	5	6	4	8		6	3	5	7	1	2	1			1			1			
1938								19	8	12	37	55	96	69	11	12	5	1	8	7	7	2	4	2	2	1	1	3			1	1	1		1		
1939						4	16	6	13	22	50	81	84	28	12	6	4	3	11	4	6	4	4	2	1	2	1			1		1					
1940					8		15	11	19	9	34	55	98	43	10	12	4	6	2	6	3	7	5	4	2	4	1	3	1	1	1	1					
							7	18	24	36	15	109	69	22	12	7	6	7	3	9	6	2	2	4	2	2	2	2						1			
1941																																					
1942								10	17	13	14	41	86	114	22	10	8	3	4	3	5	1	2	6	2			1	1	1			1				
1943					15		7	5	8	19	39	57	64	70	34	10	5	4	8	4	5	2	2	1	2	2		1	1					1			
1944								18	31	14	61	56	80	40	8	4	3	5	9	5	2	4	7	4	2	2	5	2			1		1				
1945								8	11	20	8	20	72	111	59	18	5	8	3	5	2	1	3	3	3	2	2	1			1						
								2	12	25	22	23	35	39	81	74	14	3	5	4	2	5	4	1	1	2			4	1				2			
1946																																					
1947								24	21	22	30	61	82	50	14	8	10	8	8	6	4	6	1	3	3			2	1						1		
1948								1	21	10	46	45	72	83	40	8	6	7	3	4	2	2	4	2	2			3	2			1		1			
1949					5	20	13	7	16	54	35	76	62	21	7	4	8	4	6	1	4	4	6	3	3			1	1	3	1	1					
1950					2	4	15	6	4	22	44	65	35	56	30	15	10	13	6	5	7	4	2	4	2	2	4	1	3	1	3						
						6	20	24		29	65	50	66	45	11	8	6	7	4	6	3	1	2	3	1	2	3		2				1				
1951																																					
1952								2	6	17	35	40	35	63	71	47	8	3	5	4	3	3	8	2	4	3	1	1	2	1	1						
1953					2	1	10	26	29	22	27	69	54	74	8	3	5	4	3	6	4	5	1	1	1	5	4	1			1						
1954							5	21	43	30	64	75	51	24	13	5	3	2	4	3	3	5	3		2	2	3	1	1	1				1			
1955							4	33	24	25	34	69	82	12	9	6	9	8	3	4	3	5	4	1	5	3	2	4	6	5		1	1	1	2		
							3	4	2	18	5	10	19	88	116	29	8	6	6	4	4	2	4	3	1	4	6			1	2	1	2	4	1		
1956																																					
1957						8	16	8	20	19	25	40	89	95	9	4	5	5	6	3	3	6		2	2												
1958						3	5	19	26	33	19	47	36	106	24	4	8	5	6	4	4	2	6	2	1	1	2		1	1							
1959						1	9	9	17	20	25	30	48	59	58	8	3	5	8	10	9	4	6	7	5	5	4	4	2	1	5	2			1		
1960								6	33	26	19	23	51	90	48	16	9	3	4	6	6	7	2	5	3	2	3		2					1			
						16	31	16	37	30	25	20	39	40	21	37	13	15	4	5	4	5	1	2	4					1							
1961																																					
1962								1	36	62	35	39	75	51	12	6	5	5	5	6	6	5	2	3	2	2			1								
1963								1	31	28	46	34	19	26	33	14	12	2	3	5	1	3	1		3	1											
1964								6	9	36	14	22	39	42	107	6	8	3	6	4	2	6	4	8	6	4		2			1	2	1				
1965								3	5	23	17	27	44	27	93	42	8	12	11	6	5	4	5	4	7	3	4	5	1	2	4					1	
								7	6	13	17	19	19	20	27	61	64	77	5	5	3	3	6	3	2	4	2	1			1						
1966																																					
1967								2	7	7	19	14	31	26	15	56	13	7	20	28	31	11	11	15	18	5	7	5	2		4	5	3	2	1		
1968										1	9	14	14	28	25	21	55	137	7	8	6	4	6	6	3	6	5	4		3	1			1			
1969										3	9	10	8	14	25	51	52	22	34	15	24	49	15	16	5	4	2	4						1	1		
1970								1	2	4	5	12	10	12	24	32	34	137	40	10	13	5	6	2	1	2	4	3	2	2		1					
1971											4	12	12	16	59	45	93	60	11	8	11	6	4	4	1	2	6	2	1	3		3			1		
1972								1	3	1	17	8	11	17	56	92	84	13	4	6	7	7	4	4	4	4	5	1	2	1	2	5	3	1	2		
1973										2	8	3	6	3	19	39	66	66	84	28	10	6	5	2	4	6	3	1	1	2		1					
1974										10	15	7	9	11	18	19	25	26	44	89	36	21	9	3	7	4	2	3	3	1	1	1					
1975								1	7	26	6	7	13	8	7	13	74	128	8	24	6	5	7	3	2	1	1	2	3	1	4	2	2	1		2	1
										6	7	9	8	18	29	32	117	95	6	5	4	4	9	4	1	4	1	1	1	1		4	2	1	1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	16436	100.0	12	14.0	2755	8537	51.9	24	370	124	458	2.7
1	0.60	4	16436	100.0	13	18.0	2135	5782	35.2	25	490	78	334	2.0
2	0.90	23	16432	100.0	14	24.0	1020	3647	22.2	26	640	73	256	1.5
3	1.20	72	16409	99.8	15	32.0	519	2627	16.0	27	840	62	183	1.1
4	1.60	122	16337	99.4	16	42.0	338	2108	12.8	28	1100	41	121	.7
5	2.10	230	16215	98.7	17	55.0	272	1770	10.8	29	1500	31	80	.4
6	2.70	493	15985	97.3	18	72.0	228	1498	9.1	30	1900	20	49	.2
7	3.60	672	15492	94.3	19	95.0	189	1270	7.7	31	2500	12	29	.1
8	4.70	905	14820	90.2	20	120.0	191	1081	6.6	32	3300	13	17	.1
9	6.20	1226	13915	84.7	21	160.0	203	890	5.4	33	4300	3	4	
10	8.20	1618	12689	77.2	22	220.0	116	687	4.2	34	5700	1	1	
11	11.00	2534	11071	67.4	23	280.0	113	571	3.5					

GILA RIVER BASIN

09471000 SAN PEDRO RIVER AT CHARLESTON, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1913	1.70 19	1.70 15	1.70 14	1.70 8	2.80 17	3.10 8	3.10 1	3.80 1	11.00 20
1916	2.00 27	2.00 20	2.00 17	2.00 15	2.50 13	3.40 12	4.50 9	6.20 7	22.00 52
1918	1.00 5	1.00 4	1.60 11	1.80 12	1.90 6	2.20 2	3.70 3	5.40 3	8.00 5
1920	2.00 28	2.70 38	3.10 40	3.80 43	8.40 54	12.00 56	16.00 56	17.00 55	27.00 54
1921	1.50 14	1.50 11	1.60 12	1.70 9	2.10 7	3.10 9	4.60 10	6.60 9	9.40 10
1922	1.00 6	1.00 5	1.10 4	2.10 16	3.00 24	3.40 10	4.20 6	5.40 4	7.90 4
1923	0.50 1	2.00 21	2.00 18	2.10 17	2.60 14	3.00 7	4.20 7	5.80 5	7.40 1
1924	1.00 7	1.00 6	1.00 1	1.00 1	2.20 11	2.90 5	4.00 4	9.00 28	14.00 40
1925	1.00 8	1.00 7	1.00 2	1.00 2	1.80 4	4.80 24	5.70 17	6.60 10	7.60 2
1926	2.00 29	2.00 22	2.00 19	2.00 13	2.10 8	2.70 4	5.10 11	7.90 21	10.00 14
1929	6.00 54	6.00 54	6.00 54	6.40 55	6.80 51	8.10 49	9.70 49	11.00 42	14.00 41
1930	6.00 55	6.00 55	6.00 55	6.30 54	8.00 53	11.00 53	13.00 54	16.00 53	19.00 50
1931	3.00 41	3.30 42	3.70 45	4.30 47	5.60 47	7.00 45	7.70 34	10.00 38	24.00 53
1932	6.00 56	6.70 56	7.10 56	7.90 56	9.30 56	11.00 54	14.00 55	17.00 54	28.00 55
1933	4.00 48	4.00 47	5.30 53	5.70 52	8.80 55	11.00 55	12.00 52	13.00 51	18.00 48
1936	3.00 42	3.30 43	3.60 43	3.70 41	4.60 39	6.80 42	9.60 48	12.00 48	16.00 46
1937	5.00 52	5.00 52	5.10 51	5.10 51	6.40 50	8.80 51	11.00 51	13.00 49	17.00 47
1938	3.00 43	3.30 44	3.70 44	3.70 42	4.60 40	7.20 46	8.80 43	11.00 43	14.00 42
1939	2.00 30	2.00 23	2.10 23	2.50 23	3.00 25	4.60 19	6.50 25	8.40 24	11.00 21
1940	4.00 49	4.00 48	4.00 47	4.50 49	5.70 48	7.40 47	8.80 44	11.00 44	15.00 43
1941	5.00 53	5.00 53	5.00 52	5.90 53	7.40 52	9.80 52	13.00 53	16.00 52	34.00 56
1942	2.00 31	2.00 24	2.00 20	2.10 18	2.90 20	5.30 27	7.60 31	9.40 33	13.00 32
1943	4.00 50	4.00 49	4.00 48	4.20 45	5.20 46	7.40 48	9.30 47	11.00 45	13.00 33
1944	3.00 44	3.00 41	3.00 39	3.50 38	4.20 37	6.30 36	8.20 38	11.00 46	13.00 34
1945	2.60 38	2.80 39	2.90 38	3.60 39	3.80 32	4.60 20	6.20 20	8.80 26	12.00 26
1946	3.90 47	4.00 50	4.00 49	4.30 48	4.80 42	5.50 29	7.10 28	9.10 29	12.00 27
1947	3.40 45	3.50 45	3.80 46	4.20 46	4.70 41	6.10 33	7.50 29	9.20 30	12.00 28
1948	1.70 20	1.80 16	1.90 15	2.10 19	2.40 12	3.40 11	5.20 12	6.90 13	10.00 15
1949	1.90 24	2.00 25	2.20 24	2.60 26	3.90 33	6.80 43	9.90 50	13.00 50	22.00 51
1950	2.80 40	3.00 40	3.40 41	3.90 44	5.00 45	6.60 39	7.90 35	9.60 36	13.00 35
1951	1.90 25	2.00 26	2.20 25	2.60 27	3.30 27	5.60 30	7.70 32	8.80 27	10.00 16
1952	1.50 15	1.50 12	1.90 16	2.20 20	2.70 15	6.70 41	8.00 36	9.40 34	11.00 22
1953	2.60 39	2.60 37	2.70 37	2.80 32	4.00 34	5.60 31	6.80 27	8.10 22	9.70 12
1954	2.20 35	2.50 35	2.60 35	2.80 33	3.50 29	4.90 25	6.30 23	7.40 16	8.70 6
1955	1.60 17	1.80 17	2.10 21	2.80 34	4.00 35	6.30 37	8.10 37	9.40 35	12.00 29
1956	2.40 37	2.40 34	2.40 32	2.60 28	3.70 30	6.00 32	8.60 41	10.00 39	13.00 36
1957	1.60 18	2.10 30	2.40 33	3.10 36	4.20 38	6.20 34	7.70 33	10.00 40	12.00 30
1958	2.00 32	2.20 32	2.20 26	2.50 24	3.30 28	5.40 28	8.90 45	12.00 47	13.00 31
1959	4.20 51	4.40 51	4.40 50	5.00 50	5.70 49	6.60 40	8.40 40	10.00 41	14.00 37
1960	2.10 34	2.20 33	2.30 29	2.60 29	2.90 21	3.70 14	5.20 13	6.70 11	15.00 44
1961	3.50 46	3.60 46	3.60 42	3.70 40	4.10 36	5.00 26	6.20 21	7.70 17	10.00 17
1962	2.00 33	2.10 31	2.30 30	2.50 25	2.80 18	3.90 15	5.30 15	6.90 14	14.00 38
1963	1.00 9	1.00 8	1.10 5	1.19 4	1.50 2	2.60 3	4.20 5	5.90 6	7.70 3
1964	1.80 21	2.00 27	2.10 22	2.40 21	2.70 16	4.10 16	5.70 18	7.80 19	9.00 7
1965	1.30 10	1.30 9	1.50 9	1.70 10	2.10 9	3.00 6	4.40 8	6.40 8	11.00 23
1966	0.70 2	0.77 1	1.10 6	1.40 5	1.60 3	2.00 1	3.30 2	4.50 2	14.00 39
1967	1.90 26	2.00 28	2.50 34	2.70 30	3.00 22	4.10 17	5.20 14	6.70 12	9.40 11
1968	1.30 11	1.60 13	1.70 13	2.00 14	2.90 19	4.60 21	6.50 24	9.30 31	15.00 45
1969	0.70 3	0.87 2	1.40 7	1.60 6	2.10 10	3.50 13	5.40 16	7.10 15	9.20 8
1970	2.30 36	2.60 36	2.70 36	3.10 37	4.90 43	6.30 38	7.50 30	8.30 23	10.00 18
1971	1.50 16	2.00 29	2.20 27	2.70 31	3.20 26	4.80 22	6.30 22	7.80 20	9.80 13
1972	1.80 22	1.90 18	2.40 31	2.90 35	5.00 44	8.50 50	9.20 46	9.80 37	12.00 24
1973	1.30 12	1.40 10	1.50 8	1.80 11	3.70 31	7.00 44	8.80 42	18.00 56	19.00 49
1974	0.80 4	0.90 3	1.00 3	1.10 3	1.40 1	4.10 18	6.20 19	7.70 18	9.30 9
1975	1.90 23	1.90 19	2.20 28	2.40 22	3.00 23	6.20 35	8.30 39	9.40 32	11.00 19

GILA RIVER BASIN

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09471000 SAN PEDRO RIVER AT CHARLESTON, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1929	3650.0 10	2310.0 5	1320.0 9	741.0 11	464.0 14	289.0 12	216.0 12	164.0 12	111.0 12
1930	3590.0 11	2010.0 11	1050.0 14	699.0 12	567.0 9	323.0 9	239.0 9	182.0 9	125.0 9
1931	4090.0 4	2100.0 9	1340.0 8	816.0 9	570.0 8	415.0 4	292.0 4	221.0 4	148.0 4
1932	1720.0 29	914.0 31	554.0 28	495.0 20	289.0 26	175.0 27	121.0 27	93.0 27	71.0 26
1933	1430.0 33	667.0 36	383.0 35	245.0 35	170.0 36	95.0 41	101.0 30	78.0 31	56.0 31
1936	3400.0 13	1770.0 13	837.0 19	455.0 22	335.0 21	245.0 17	182.0 16	138.0 16	95.0 16
1937	3880.0 8	3010.0 3	1840.0 3	1020.0 4	601.0 7	350.0 8	258.0 7	196.0 7	133.0 7
1938	2290.0 21	1110.0 24	558.0 26	404.0 27	273.0 27	190.0 24	141.0 23	107.0 23	74.0 23
1939	3080.0 16	2090.0 10	1450.0 5	852.0 8	539.0 10	321.0 10	233.0 10	175.0 10	118.0 10
1940	9100.0 1	4540.0 1	2140.0 2	1130.0 3	668.0 3	396.0 6	275.0 6	210.0 5	141.0 5
1941	2530.0 19	1140.0 23	563.0 25	415.0 26	261.0 28	177.0 26	131.0 26	100.0 26	72.0 24
1942	852.0 43	537.0 41	253.0 43	193.0 41	118.0 42	112.0 38	81.0 38	62.0 38	45.0 38
1943	2910.0 18	1180.0 21	785.0 20	504.0 19	442.0 16	293.0 11	226.0 11	173.0 11	118.0 11
1944	1240.0 37	703.0 35	374.0 36	240.0 37	173.0 34	113.0 37	91.0 34	69.0 34	49.0 35
1945	3190.0 15	2190.0 8	1350.0 7	786.0 10	466.0 13	250.0 16	168.0 17	127.0 17	88.0 17
1946	3760.0 9	1600.0 15	880.0 18	516.0 18	317.0 22	195.0 23	146.0 21	111.0 21	76.0 20
1947	2920.0 17	1170.0 22	961.0 15	595.0 16	378.0 17	205.0 20	144.0 22	109.0 22	75.0 21
1948	1530.0 32	918.0 30	531.0 31	422.0 25	316.0 23	183.0 25	153.0 19	116.0 19	79.0 19
1949	1880.0 26	1260.0 19	1140.0 10	652.0 13	469.0 12	271.0 15	205.0 13	157.0 13	107.0 13
1950	1950.0 25	1080.0 25	606.0 23	445.0 23	338.0 20	198.0 21	135.0 24	103.0 24	72.0 25
1951	1010.0 39	600.0 39	288.0 40	186.0 42	142.0 40	119.0 34	81.0 39	62.0 39	45.0 39
1952	1840.0 27	944.0 29	554.0 27	393.0 28	254.0 29	149.0 29	109.0 29	87.0 29	61.0 29
1953	3330.0 14	1660.0 14	768.0 21	596.0 15	359.0 18	195.0 22	131.0 25	100.0 25	70.0 27
1954	5690.0 2	3740.0 2	2310.0 1	1770.0 1	1170.0 1	672.0 1	459.0 1	347.0 1	230.0 1
1955	4050.0 5	2300.0 6	1710.0 4	1380.0 2	1100.0 2	661.0 2	446.0 2	336.0 2	224.0 2
1956	1330.0 35	605.0 38	327.0 37	246.0 34	155.0 38	103.0 39	71.0 40	55.0 41	41.0 41
1957	1400.0 34	659.0 37	325.0 38	205.0 39	195.0 32	132.0 31	90.0 35	69.0 35	50.0 34
1958	3890.0 7	2200.0 7	1120.0 12	937.0 6	667.0 4	496.0 3	373.0 3	288.0 3	192.0 3
1959	3960.0 6	1980.0 12	961.0 16	570.0 17	452.0 15	277.0 13	192.0 14	145.0 14	99.0 14
1960	1250.0 36	727.0 33	429.0 33	244.0 36	144.0 39	90.0 42	68.0 41	57.0 40	43.0 40
1961	1010.0 40	583.0 40	319.0 39	220.0 38	172.0 35	132.0 32	96.0 33	73.0 33	51.0 32
1962	457.0 45	379.0 45	262.0 42	137.0 44	73.0 45	39.0 45	28.0 45	25.0 45	22.0 45
1963	2130.0 23	1210.0 20	898.0 17	488.0 21	302.0 24	237.0 18	164.0 18	124.0 18	84.0 18
1964	5510.0 3	2570.0 4	1420.0 6	1010.0 5	633.0 5	402.0 5	278.0 5	209.0 6	140.0 6
1965	929.0 41	394.0 44	228.0 44	152.0 43	97.0 43	75.0 43	54.0 43	41.0 43	30.0 44
1966	1230.0 38	894.0 32	575.0 24	373.0 29	345.0 19	215.0 19	149.0 20	112.0 20	75.0 22
1967	1620.0 30	713.0 34	410.0 34	280.0 33	216.0 30	137.0 30	99.0 31	75.0 32	51.0 33
1968	2400.0 20	1500.0 17	717.0 22	363.0 30	199.0 31	118.0 35	98.0 32	81.0 30	57.0 30
1969	861.0 42	413.0 42	273.0 41	200.0 40	122.0 41	96.0 40	68.0 42	51.0 42	37.0 43
1970	1780.0 28	952.0 28	550.0 29	426.0 24	296.0 25	168.0 28	116.0 28	88.0 28	61.0 28
1971	2200.0 22	1480.0 18	1140.0 11	893.0 7	601.0 6	364.0 7	251.0 8	189.0 8	127.0 8
1972	2060.0 24	1010.0 27	473.0 32	284.0 32	173.0 33	124.0 33	87.0 37	68.0 36	48.0 36
1973	689.0 44	405.0 43	209.0 45	111.0 45	82.0 44	52.0 44	41.0 44	35.0 44	38.0 42
1974	3410.0 12	1510.0 16	1080.0 13	647.0 14	494.0 11	274.0 14	189.0 15	142.0 15	96.0 15
1975	1550.0 31	1040.0 26	533.0 30	297.0 31	165.0 37	115.0 36	88.0 36	67.0 37	48.0 37

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
19.7	14.6	24.0	25.1	22.3	18.2	12.0	8.28	10.9	141	254	66.0
566	40.7	740	621	215	82.1	10.1	6.25	221	10720	51840	4932
23.8	6.38	27.2	24.9	14.7	9.06	3.17	2.50	14.9	104	228	70.2
3.14	1.44	5.02	3.56	2.33	2.98	1.64	0.94	3.65	1.07	1.44	2.19
1.21	0.44	1.14	0.99	0.66	0.50	0.26	0.30	1.36	0.74	0.90	1.06
3.20	2.36	3.89	4.08	3.62	2.96	1.95	1.35	1.77	22.9	41.2	10.7

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
52.2	604	24.6	1.09	0.47	0.221

GILA RIVER BASIN

09471550 SAN PEDRO RIVER NEAR TOMBSTONE, AZ

LOCATION.--Lat 31°45'03", long 110°12'02", in SE¼ sec.28, T.19 S., R.21 E. (unsurveyed), Cochise County, Hydrologic Unit 15050202, in Spanish land grant of San Juan de las Boquillas y Nogales, on right bank 0.5 mi (0.8 km) downstream from Willow Wash, 2.6 mi (4.2 km) north of Fairbank, and 8 mi (13 km) northwest of Tombstone.

DRAINAGE AREA.--1,740 mi² (4,510 km²) approximately, of which 696 mi² (1,800 km²) is in Mexico:

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1967	7790	07-26-67	6.94	1968	30300
1968	7340	12-20-67	6.68	1969	19000
1969	2950	07-28-69	6.08	1970	30000
1970	5400	08-03-70	6.40	1971	40700
1971	9220	08-10-71	8.00	1972	24000
1972	12900	08-12-72	8.89	1973	21500
1973	1880	08-21-73	5.4	1974	43700
1974	18500	07-20-74	10.43	1975	29200
1975	4500	09-14-75	6.31		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1968	28		2		5		11	2	2		1	2	5	5	8	10	16	28	32	45	46	51	27	14	10	5	5	2	2					2	
1969	35						1				1	2	5	9	16	29	25	32	87	68	18	2	5	4	4	7	7	3	3	2					
1970	26				1		1	1					2	7	13	17	35	36	71	84	27	5	3	6	4	3	4	7	6	1	2		2		
1971	29			1			1	1	1				7	4	7	5	31	39	53	67	38	23	10	12	8	8	2	4	3	2	5	2	2		
1972	6						1		1		1		10	7	9	8	16	22	39	124	70	7	9	12	10	6	3		2		1	1	1		
1973	62		1	1				2	1		2	1	1	12	5	5	9	8	14	51	77	55	25	8	7	8	5	2	2	1					
1974	85						1	1					5	5	5	14	15	22	99	44	10	9	11	7	3	7	5	4	3	3	2	2	2		1
1975	17						1	1				2	4	2	5	19	27	49	107	73	9	9	3	5	6	7	7	5		3	2	2	2		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	288	2922	100.0	12	1.5	51	2541	87.0	24	110	51	178	6.0
1	0.01	0	2634	90.1	13	2.2	68	2490	85.2	25	160	38	127	4.3
2	0.02	3	2634	90.1	14	3.1	107	2422	82.9	26	240	27	89	3.0
3	0.04	2	2631	90.0	15	4.4	174	2315	79.2	27	340	21	62	2.1
4	0.05	6	2629	90.0	16	6.4	236	2141	73.3	28	490	12	41	1.4
5	0.08	0	2623	89.8	17	9.1	502	1905	65.2	29	700	12	29	.9
6	0.10	15	2623	89.8	18	13.0	556	1403	48.0	30	1000	5	17	.5
7	0.20	8	2608	89.3	19	19.0	295	847	29.0	31	1400	9	12	.4
8	0.40	7	2600	89.0	20	27.0	161	552	18.9	32	2100	2	3	.1
9	0.50	6	2593	88.7	21	39.0	93	391	13.4	33	3000	1	1	
10	0.70	7	2587	88.5	22	56.0	68	298	10.2	34				
11	1.00	39	2580	88.3	23	80.0	52	230	7.9					

GILA RIVER BASIN

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09471550 SAN PEDRO RIVER NEAR TOMBSTONE, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1968	0.00 1	0.00 1	0.00 1	0.00 1	0.95 6	2.20 4	5.90 5	9.60 8	19.00 9
1969	0.00 2	0.00 2	0.00 2	0.00 2	0.00 1	1.19 2	3.50 2	5.20 1	8.30 2
1970	0.00 3	0.00 3	0.00 3	0.00 3	1.80 8	4.20 7	6.00 6	7.60 5	11.00 5
1971	0.00 4	0.00 4	0.00 4	0.00 4	0.00 2	1.30 3	3.50 3	6.20 3	11.00 6
1972	0.00 5	0.00 5	0.14 9	0.57 9	2.30 9	5.90 9	7.50 8	9.20 7	12.00 7
1973	0.00 6	0.00 6	0.00 5	0.00 5	0.09 5	3.90 6	8.00 9	17.00 9	16.00 8
1974	0.00 7	0.00 7	0.00 6	0.00 6	0.00 3	0.70 1	3.20 1	5.90 2	7.90 1
1975	0.00 8	0.00 8	0.00 7	0.00 7	1.70 7	4.70 8	6.60 7	7.60 6	9.10 3
1976	0.00 9	0.00 9	0.00 8	0.00 8	0.03 4	3.30 5	5.40 4	7.20 4	11.00 4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1968	2950.0 2	1860.0 1	881.0 2	464.0 4	248.0 4	140.0 5	112.0 5	93.0 5	66.0 5
1969	681.0 7	408.0 7	282.0 7	191.0 7	144.0 7	110.0 7	78.0 7	58.0 7	41.0 8
1970	1610.0 5	826.0 5	593.0 5	475.0 3	362.0 3	200.0 3	137.0 3	103.0 3	71.0 3
1971	1880.0 3	1220.0 3	850.0 3	637.0 2	447.0 2	278.0 2	193.0 2	145.0 2	98.0 2
1972	1480.0 6	684.0 6	347.0 6	223.0 6	196.0 6	121.0 6	87.0 6	67.0 6	48.0 6
1973	554.0 8	322.0 8	176.0 8	102.0 8	95.0 8	66.0 8	53.0 8	45.0 8	44.0 7
1974	4330.0 1	1840.0 2	1140.0 1	716.0 1	561.0 1	322.0 1	224.0 1	168.0 1	112.0 1
1975	1710.0 4	1090.0 4	608.0 4	384.0 5	223.0 5	167.0 4	133.0 4	100.0 4	69.0 4

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
15.5	11.7	41.8	18.4	26.3	25.4	12.7	7.02	2.73	127	150	44.9
454	30.6	6123	36.5	401	433	21.8	7.02	11.6	12740	16040	1892
21.3	5.53	78.2	6.04	20.0	20.8	4.67	2.65	3.41	113	127	43.5
2.26	0.27	2.82	0.80	1.58	1.46	1.20	-0.80	1.44	1.32	0.63	1.82
1.38	0.47	1.87	0.33	0.76	0.82	0.37	0.38	1.25	0.89	0.84	0.97
3.19	2.43	8.63	3.80	5.44	5.25	2.63	1.45	0.56	26.3	31.0	9.28

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
41.1	145	12.1	0.56	0.29	-0.269

LOCATION.--Lat 32°07'35", long 110°17'22", in SW¼ sec.15, T.15 S., R.20 E., Cochise County, on right bank, 6 mi (10 km) downstream from Tres Alamos Wash, and 11 mi (18 km) north of Benson.

DRAINAGE AREA.--2,500 mi² (6,475 km²), of which 696 mi² (1,803 km²) is in Mexico.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1966	5470	08-06-66	7.54	1967	20200
1967	4560	07-26-67	6.97	1968	24000
1968	5900	08-10-68	7.78	1969	10600
1969	2640	07-28-69	5.58	1970	30100
1970	8200	07-20-70	9.96	1971	44100
1971	7390	08-11-71	9.34	1972	23400
1972	9800	08-26-72	10.60	1973	14700
1973	2140	07-16-73	5.13	1974	30100
1974	9520	07-20-74	10.85	1975	13900
1975	8920	07-23-75	10.45	1976	19800

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1967	294	2	1	1			1	1	1	2	4	1	1	2	1	3	4	3	3	6	5	5	9			8	3	1	1	1	1					
1968	212	4	2	1		1			2	6	2	3	3	14	5	13	6	38	26	9	6	4	2	1	1		1	1	1	1	1		1			
1969	286	3	2		2		3		6	4	6	13	1	5		5	1	5	5	3	3	2	1	1		6	1	1								
1970	294	2	1		3	1	4	1	3	1	3	3			1	1	1	4	4	5	3	3	3	3	3	4	1	3	4	2	2	1				
1971	298				2						2	3			2	3	2	2	5	6	6	8	4	2	3	4	4	2	1	2	2	2				
1972	285	1				1	4	1	3	4	3	2	2	4	7	7	4	1	5	12	2	5	5	6	5		1		1		1	1				
1973	206		1		5	1	5	2	6	4	14	1	9	7	34	7	21	10	8	3	4	4	3	1	3	1	1		1							
1974	297	3	1	2	2		2	2	2	3	3	3	2	3	3	3	3	2	2	2	2	3	2	5	3	4	2	2	3	1				1		
1975	316	1	1	2		2	2	2	1	1	1	3															1	1								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2488	3287	100.0	12	5.9	9	598	18.2	24	250	27	104	3.1
1	0.10	16	799	24.3	13	8.0	43	589	17.9	25	340	23	77	2.3
2	0.20	8	783	23.8	14	11.0	19	546	16.6	26	470	14	54	1.6
3	0.30	5	775	23.6	15	15.0	72	527	16.0	27	640	12	40	1.2
4	0.50	16	770	23.4	16	21.0	30	455	13.8	28	880	11	28	.8
5	0.70	4	754	22.9	17	28.0	80	425	12.9	29	1200	7	17	.5
6	0.90	21	750	22.8	18	38.0	63	345	10.5	30	1600	5	10	.3
7	1.20	9	729	22.2	19	52.0	53	282	8.6	31	2300	4	5	.1
8	1.70	24	720	21.9	20	72.0	34	229	7.0	32	3100	1	1	
9	2.30	25	696	21.2	21	98.0	38	195	5.9	33				
10	3.10	28	671	20.4	22	130.0	30	157	4.8	34				
11	4.30	45	643	19.6	23	180.0	23	127	3.9					

GILA RIVER BASIN

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09471800 SAN PEDRO RIVER NEAR BENSON, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1967	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1
1968	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.01 10	0.04 9	12.00 10
1969	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	0.00 2	0.00 2
1970	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3	0.00 3	0.00 3
1971	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.00 4	0.00 4
1972	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.00 5	0.04 8
1973	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	8.50 10	8.70 9
1974	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	0.00 6	0.00 5
1975	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 8	0.00 7	0.00 6
1976	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 9	0.00 8	0.00 7

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1967	1400.0 7	675.0 7	400.0 7	331.0 6	263.0 5	152.0 5	113.0 5	84.0 5	55.0 5
1968	3020.0 3	1720.0 2	807.0 3	401.0 5	218.0 6	120.0 6	96.0 6	75.0 6	50.0 6
1969	704.0 9	432.0 9	249.0 9	207.0 8	129.0 8	86.0 8	59.0 8	44.0 8	29.0 9
1970	1690.0 6	1060.0 6	603.0 5	545.0 3	457.0 2	251.0 2	169.0 3	126.0 3	83.0 3
1971	3080.0 2	1870.0 1	1250.0 1	1010.0 1	615.0 1	362.0 1	246.0 1	185.0 1	121.0 1
1972	2430.0 4	1620.0 3	746.0 4	423.0 4	265.0 4	172.0 4	118.0 4	96.0 4	63.0 4
1973	884.0 8	461.0 8	260.0 8	136.0 9	87.0 9	48.0 9	34.0 9	26.0 9	32.0 8
1974	3430.0 1	1400.0 4	863.0 2	567.0 2	442.0 3	242.0 3	169.0 2	126.0 2	83.0 2
1975	2020.0 5	1060.0 5	525.0 6	280.0 7	144.0 7	106.0 7	77.0 7	58.0 7	38.0 7

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
9.62	2.53	22.5	3.16	9.13	9.00	0.00	0.00	3.67	115	203	37.7
531	57.4	4224	87.7	338	327	0.00	0.00	114	5556	35190	748
23.0	7.58	65.0	9.36	18.4	18.1	0.00	0.01	10.7	74.5	188	27.3
2.94	3.00	2.99	3.00	1.74	1.73	3.16	2.76	3.13	0.62	0.78	0.25
2.40	3.00	2.89	2.96	2.01	2.01	3.13	2.47	2.91	0.65	0.92	0.72
2.31	0.61	5.40	0.76	2.20	2.16	0.00	0.00	0.88	27.7	48.8	9.08

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
32.4	204	14.3	0.82	0.44	-0.105

LOCATION.--Lat 32°22'50", long 110°26'45", in NE 1/4 sec.19, T.12 S., R.19 E., Cochise County, Hydrologic Unit 15050203, on left bank, 0.3 mi (0.5 km) upstream from Cochise-Pima County line, 4.3 mi (6.9 km) southeast of Redington, and 30 mi (48 km) north of Benson.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF WATER ANNUAL PEAK,FT	YEAR	TOTAL VOLUME, ACRE-FT
1926	90000	09-28-26	ES HP		1944	23200
1943	7090	08-09-43			1945	41700
1944	19000	09-24-44			1946	26700
1945	14600	08-10-45			1951	14500
1946	9000	08-04-46			1952	20700
1947	23000	08-08-47			1953	18400
1948	11500	09-26-48	ES		1954	67700
1949	10000	- -	ES		1955	130000
1950	8800	07-30-50		12.0	1956	10900
1951	28600	08-02-51		18.0	1957	16900
1952	4470	08-16-52		9.5	1958	82800
1953	7290	07-07-53		11.0	1959	44100
1954	18500	08-01-54		15.2	1960	14500
1955	18800	08-07-55		15.4	1961	16600
1956	3160	07-30-56		6.3	1962	7460
1957	9300	08-18-57		9.90	1963	35800
1958	10800	08-17-58		10.03	1964	50300
1959	8580	07-27-59		9.68	1965	10300
1960	1980	09-05-60		5.83	1966	58700
1961	3800	07-30-61		6.70	1967	12200
1962	2050	07-28-62		5.32	1968	30800
1963	5530	08-26-63		13.38	1969	10300
1964	6070	08-15-64		14.96	1970	28600
1965	2140	08-14-65		11.17	1971	38400
1966	5890	07-29-66		13.57	1972	20500
1967	7800	09-25-67		14.6	1973	16200
1968	5000	12-20-67		13.0	1974	25900
1969	2480	08-07-69		11.40	1975	15400
1970	8490	07-21-70		14.94		
1971	8600	08-11-71		14.80		
1972	11400	08-27-72		15.70		
1973	1680	10-19-72		11.46		
1974	12100	07-20-74		15.9		
1975	8030	07-23-75		14.61		

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1944	58	10	7	4	1	19	8	5	1	10																										
1945	38	19	13	30	20	12	9	17																												
1946	73	14	26	42	20	36	35	25	1	5	2	13	1	13		7	1	5	6	7	6	3	7	7	5	3	1									
1951	142	65	40	25	10	15	6	8	5		2	3	4	5	1	2	3	4	3	3	2	5	3	2	2	1										
1952	62	40	64	29	5	19	16	18	21	6	7	7	8	5	5	7	1	7	3	6	4	5	5	6	3	3	1									
1953	47	12	7	6	4	6	20	40	138	39	9	1	3		3		1	3	6	2	1	6	2	6	1	1										
1954	122	13	7	19	28	64	16	6	5	6	5	5	1	1	3	8	4	6	5	3	3	1	5	1	7	4	3	4	4	4	4	1				
1955	112	16	34	38	28	33	16	13	7	5	2	1	3	3		2	2	3		1	1	3	3	1	4	2	5	4	9	6	5		2			
1956	62	25	50	26	33	57	46	17	5	1	6	3	1	1	1		4	3	7	3	3	3		4	1	1										
1957	226	8	14	7	7	30	19	1	2		1	4	1		4	1	2	4	4	5	5	4	3	6	4	7										
1958	130	94	21	5	2	2	3	3	2	6	1	2	2	2	3	3	4	3	4	6	5	4	11	7	4	7	6	5	7	2						
1959	81	19	12	14	31	43	11	34	18	14	7	9	5	4	2	7	3	5	3	3	6	4	4	5	5	5	5	6								
1960	135	12	17	13	4	12	7	7	5	47	6	15	7	9	3	15	7	11	8	6	6	3	3	4	2											
1961	70	30	26	32	9	55	15	49	8	3	5	6	5	2	2	5	6	4	1	4	4	8	4	5	1	3	2									
1962	81	20	16	9	11	44	15	29	33	24	28	15	3	8	6	2	1	2	3	1	3	2	4	2	1	2										
1963	113	16	13	2	22	62	15	37	9	10	8	1	2	6	1	2	1	2	2	6	5	2	3	6	6	2	4	4	2	1						
1964	56		2	10	1	22	19	56	68	35	17	2	5	15	2	6	1	5	5	4	2	7	3	3	3	7	4	3	2							
1965	41	18	22	5		40	19	85	55	16	9	14	2	2	2	7	3	5	4	4	2	1	2	2	1	1	3									
1966	1	28	12	15	3	20	11	10	10	8	13	40	8	16	24	28	12	31	16	7	8	7	2	8	8	3	5	5	5							
1967	23	6	4	4	5	16	8	16	10	30	39	142	16	7	5	10	1	5	2	2	3	1	3		4	1	1									
1968	4	3	5	4	2	31	31	8	36	13	14	10	46	33	12	39	11	18	12	13	4	3	3	3	2	2	1									
1969	63	17	3	2	2	9	5	18	56	53	71	14	2	8	4	6	4	6	6	2	3	1	2	3	3	1	1									
1970	179	15	31	12	17	14	8	11	2	8	7	4	5	1	2	7	2	5	3	4	4	3	1	6	5		2	3	4							
1971	84	22	17	15	18	42	27	55	11	10	1	8		2	1	3	5	1	6	2	7	7	2	1	5	3	1	4	2	2	1					
1972	178	1			1	6	40	33	19	9	12		2	10	3	7	6	5	7	3	7	7	2	2	3											
1973	125			7	5	11	11		22	35	56	7	13	6	18	7	9	6	6	5	2	3	5	1	2	2	1									
1974	159		5	19	14	34	12	10	18	11	3	7	5	11	1	7	3	9	7	2	6	3	9	1	3	1										
1975	211		3	2	3	5	6	29	31	15	6	6	4	5	3	4	2	6	5	2	3	2	3	1	1	1	1									

ES Discharge estimated from another site.

HP Isolated historic peak; not part of systematic record.

GILA RIVER BASIN

197

09472000 SAN PEDRO RIVER NEAR REDINGTON, AZ--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--Continued

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2676	10227	100.0	12	5.5	178	1997	19.5	24	300	96	361	3.5
1	0.10	523	7551	73.8	13	7.6	200	1819	17.8	25	420	60	265	2.5
2	0.20	471	7028	68.7	14	11.0	106	1619	15.8	26	580	60	205	2.0
3	0.30	396	6557	64.1	15	15.0	212	1513	14.8	27	810	53	145	1.4
4	0.40	306	6161	60.2	16	21.0	101	1301	12.7	28	1100	44	92	.8
5	0.50	759	5855	57.3	17	29.0	164	1200	11.7	29	1600	23	48	.4
6	0.70	480	5096	49.8	18	40.0	138	1036	10.1	30	2200	14	25	.2
7	1.00	766	4616	45.1	19	56.0	121	898	8.8	31	3100	5	11	.1
8	1.40	589	3850	37.6	20	79.0	113	777	7.6	32	4300	4	6	
9	2.00	467	3261	31.9	21	110.0	97	664	6.5	33	6000	2	2	
10	2.80	347	2794	27.3	22	150.0	107	567	5.5	34				
11	3.90	450	2447	23.9	23	210.0	99	460	4.5					

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

YEAR	1	3	7	14	30	60	90	120	183
1944	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.08 22	0.33 21	0.74 22	0.77 15
1945	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.04 21	0.15 18	0.65 21	1.50 19
1946	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 1	0.04 12	0.13 11	0.35 10
1951	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.02 17	0.05 13	0.16 13	0.17 5
1952	0.00 5	0.00 5	0.00 5	0.00 5	0.19 28	0.75 28	2.40 27	2.90 26	5.40 26
1953	0.00 6	0.00 6	0.00 6	0.00 6	0.02 25	0.28 26	0.59 24	0.97 24	1.30 17
1954	0.00 7	0.00 7	0.00 7	0.00 7	0.00 5	0.00 2	0.02 11	0.33 18	2.40 21
1955	0.00 8	0.00 8	0.00 8	0.00 8	0.00 6	0.00 3	0.00 1	0.03 7	0.17 6
1956	0.00 9	0.00 9	0.00 9	0.00 9	0.00 7	0.01 14	0.18 20	0.30 16	0.46 13
1957	0.00 10	0.00 10	0.00 10	0.00 10	0.00 8	0.00 4	0.00 2	0.00 1	0.15 4
1958	0.00 11	0.00 11	0.00 11	0.00 11	0.00 9	0.02 18	0.06 15	0.08 10	2.40 22
1959	0.00 12	0.00 12	0.00 12	0.00 12	0.00 10	0.00 5	0.05 14	0.14 12	0.35 11
1960	0.00 13	0.00 13	0.00 13	0.00 13	0.00 11	0.01 15	0.01 8	0.05 8	1.80 20
1961	0.00 14	0.00 14	0.00 14	0.00 14	0.00 12	0.03 19	0.12 16	0.19 14	0.43 12
1962	0.00 15	0.00 15	0.00 15	0.00 15	0.00 13	0.18 24	0.47 23	0.85 23	3.70 25
1963	0.00 16	0.00 16	0.00 16	0.00 16	0.00 14	0.00 6	0.01 9	0.02 6	2.70 24
1964	0.00 17	0.00 17	0.00 17	0.00 17	0.00 15	0.09 23	0.36 22	0.61 19	0.95 16
1965	0.00 18	0.00 18	0.00 18	0.00 18	0.00 16	0.04 20	0.14 17	0.31 17	0.71 14
1966	0.00 19	0.07 29	0.10 29	0.10 28	0.12 27	0.26 25	5.20 29	7.60 29	14.00 28
1967	0.00 20	0.00 19	0.00 19	0.00 19	0.03 26	0.31 27	1.00 25	1.50 25	2.60 23
1968	0.00 21	0.00 20	0.04 28	0.18 29	0.46 29	0.85 29	3.50 28	4.80 27	18.00 29
1969	0.00 22	0.00 21	0.00 20	0.00 20	0.00 17	0.02 16	0.16 19	0.64 20	1.40 18
1970	0.00 23	0.00 22	0.00 21	0.00 21	0.00 18	0.00 7	0.00 3	0.29 15	0.24 7
1971	0.00 24	0.00 23	0.00 22	0.00 22	0.00 19	0.00 8	0.01 10	0.07 9	0.24 8
1972	0.00 25	0.00 24	0.00 23	0.00 23	0.00 20	0.00 9	0.00 4	0.00 2	0.35 9
1973	0.00 26	0.00 25	0.00 24	0.00 24	0.00 21	0.00 10	1.10 26	5.10 28	7.30 27
1974	0.00 27	0.00 26	0.00 25	0.00 25	0.00 22	0.00 11	0.00 5	0.00 3	0.07 3
1975	0.00 28	0.00 27	0.00 26	0.00 26	0.00 23	0.00 12	0.00 6	0.00 4	0.03 1

09472000 SAN PEDRO RIVER NEAR REDINGTON, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1944	2240.0 14	1010.0 17	492.0 18	419.0 15	254.0 16	159.0 14	127.0 14	95.0 14	63.0 14
1945	5430.0 3	2900.0 3	1840.0 3	1110.0 4	653.0 4	334.0 6	223.0 6	167.0 6	110.0 7
1946	4090.0 5	1660.0 10	936.0 10	545.0 11	349.0 11	202.0 11	145.0 11	108.0 12	71.0 12
1951	1970.0 16	806.0 19	377.0 21	235.0 22	211.0 18	120.0 20	81.0 21	61.0 21	40.0 21
1952	1080.0 22	785.0 20	558.0 16	353.0 17	258.0 15	145.0 17	101.0 16	78.0 16	53.0 16
1953	3000.0 9	1280.0 14	626.0 14	459.0 14	291.0 14	148.0 16	99.0 17	74.0 17	49.0 17
1954	6030.0 2	3170.0 2	2240.0 2	1500.0 2	984.0 2	557.0 3	374.0 3	280.0 3	185.0 3
1955	7190.0 1	4180.0 1	2650.0 1	2100.0 1	1770.0 1	1090.0 1	725.0 1	544.0 1	357.0 1
1956	756.0 25	526.0 24	299.0 23	267.0 19	142.0 22	78.0 22	52.0 25	39.0 25	26.0 26
1957	1800.0 17	727.0 21	442.0 20	271.0 18	205.0 19	131.0 18	88.0 19	66.0 19	43.0 19
1958	4710.0 4	2630.0 4	1370.0 4	1190.0 3	886.0 3	609.0 2	452.0 2	343.0 2	225.0 2
1959	3630.0 6	2090.0 6	1180.0 5	765.0 7	600.0 5	358.0 5	240.0 5	180.0 5	118.0 5
1960	1140.0 20	825.0 18	472.0 19	265.0 20	149.0 21	78.0 23	53.0 23	41.0 23	27.0 24
1961	1110.0 21	585.0 23	276.0 24	210.0 23	178.0 20	131.0 19	90.0 18	67.0 18	44.0 18
1962	567.0 28	374.0 28	223.0 25	115.0 27	58.0 28	37.0 28	29.0 28	22.0 28	15.0 28
1963	1720.0 18	1320.0 13	996.0 8	523.0 12	373.0 10	290.0 9	194.0 9	145.0 9	95.0 9
1964	2910.0 11	1730.0 7	986.0 9	799.0 6	545.0 7	390.0 4	278.0 4	208.0 4	137.0 4
1965	705.0 26	386.0 26	196.0 27	111.0 28	83.0 27	60.0 26	41.0 27	31.0 27	21.0 27
1966	2290.0 12	1440.0 12	911.0 11	665.0 8	530.0 8	322.0 7	218.0 7	164.0 7	111.0 6
1967	972.0 23	455.0 25	203.0 26	144.0 26	100.0 26	60.0 27	58.0 22	43.0 22	29.0 23
1968	3000.0 10	2330.0 5	1160.0 6	575.0 10	304.0 13	174.0 13	131.0 13	102.0 13	69.0 13
1969	617.0 27	383.0 27	189.0 28	169.0 25	104.0 25	76.0 24	52.0 24	39.0 24	26.0 25
1970	1450.0 19	1080.0 15	581.0 15	497.0 13	427.0 9	234.0 10	158.0 10	119.0 10	78.0 10
1971	2290.0 13	1690.0 9	1040.0 7	908.0 5	546.0 6	317.0 8	213.0 8	160.0 8	105.0 8
1972	3140.0 8	1540.0 11	713.0 13	402.0 16	252.0 17	153.0 15	105.0 15	85.0 15	55.0 15
1973	827.0 24	630.0 22	352.0 22	178.0 24	135.0 24	71.0 25	48.0 26	38.0 26	37.0 22
1974	3460.0 7	1720.0 8	843.0 12	585.0 9	342.0 12	192.0 12	144.0 12	108.0 11	71.0 11
1975	2080.0 15	1030.0 16	500.0 17	264.0 21	138.0 23	116.0 21	84.0 20	63.0 20	41.0 20

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY HOWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
7.50	1.46	20.1	8.14	8.37	6.21	1.32	0.62	5.35	140	278	51.8
204	2.04	4466	656	414	153	8.56	2.62	352	20970	104600	6614
14.3	1.43	66.8	25.6	20.4	12.4	2.93	1.62	18.8	145	323	81.3
3.30	1.53	3.62	4.99	3.18	2.82	3.69	3.39	4.87	2.10	2.11	2.77
1.90	0.98	3.32	3.15	2.43	1.99	2.22	2.61	3.50	1.03	1.16	1.57
1.42	0.28	3.80	1.54	1.58	1.17	0.25	0.12	1.01	26.5	52.5	9.80

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
43.9	1369	37.0	2.23	0.64	0.033

LOCATION.--Lat 32°44'35", long 110°38'50", in NE¼ sec.18, T.8 S., R.17 E., Pinal County, at highway bridge, 1.5 mi (2.4 km) north of Mammoth.

DRAINAGE AREA.--3,610 mi² (9,350 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT.FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1926	90000	09-28-26	ES HP					1932	65900
1931	18000	08-10-31		10.9				1933	15000
1932	19400	10-02-31		11.1				1934	24900
1933	13500	07-23-33		9.8				1935	45000
1934	7400	08-04-34		8.40				1936	38000
1935	16300	08-24-35		10.65				1937	62900
1936	10400	09-11-36		8.9				1938	31100
1937	14100	08-30-37		9.6				1939	55500
1938	7800	08-05-38		10.5				1940	63500
1939	9920	08-02-39		9.65	NM	9.85	08-06-39		
1940	50000	08-14-40		12.7					

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

[illegible]

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1835	3288	100.0	12	18.0	93	710	21.6	24	410	21	99	3.0
1	1.00	168	1453	44.2	13	23.0	40	617	18.8	25	530	17	78	2.3
2	1.30	0	1285	39.1	14	30.0	55	577	17.5	26	690	16	61	1.8
3	1.70	110	1285	39.1	15	39.0	64	522	15.9	27	900	13	45	1.3
4	2.20	0	1175	35.7	16	51.0	55	458	13.9	28	1200	8	32	.9
5	2.80	67	1175	35.7	17	66.0	49	403	12.3	29	1500	9	24	.7
6	3.70	50	1108	33.7	18	85.0	55	354	10.8	30	2000	7	15	.4
7	4.80	104	1058	32.2	19	110.0	46	299	9.1	31	2600	2	8	.2
8	6.20	81	954	29.0	20	140.0	46	253	7.7	32	3300	2	6	.1
9	8.10	76	873	26.6	21	190.0	34	207	6.3	33	4300	2	4	.1
10	11.00	30	797	24.2	22	240.0	46	173	5.3	34	5600	2	2	
11	14.00	57	767	23.3	23	320.0	28	127	3.9					

ES Discharge estimated from another site.

HP Isolated historic peak: not part of systematic record.

NM Not maximum gage height for water year.

GILA RIVER BASIN

09472500 SAN PEDRO RIVER NEAR MAMMOTH, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1932	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	1.30 9	6.30 9	40.00 9
1933	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 1	0.06 3	5.00 6
1934	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	0.02 2	0.20 1
1935	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3	0.00 1	8.70 7
1936	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.18 4	10.00 8
1937	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.22 5	4.70 5
1938	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	1.50 8	3.50 4
1939	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.47 8	0.41 7	1.80 2
1940	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 7	0.22 6	2.10 3

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1932	3630.0 5	1590.0 5	859.0 6	622.0 5	357.0 5	194.0 7	135.0 7	126.0 5	117.0 4
1933	1210.0 9	563.0 9	279.0 9	190.0 9	134.0 9	78.0 9	71.0 9	54.0 9	35.0 9
1934	1800.0 8	639.0 8	429.0 8	325.0 8	304.0 8	177.0 8	122.0 8	92.0 8	60.0 8
1935	4450.0 4	2420.0 4	1570.0 4	1060.0 4	604.0 4	334.0 4	223.0 4	168.0 4	110.0 5
1936	2350.0 6	1440.0 6	646.0 7	432.0 7	310.0 7	238.0 5	162.0 6	122.0 6	80.0 6
1937	5620.0 2	3730.0 2	2080.0 3	1380.0 2	904.0 1	466.0 2	317.0 2	238.0 2	156.0 2
1938	2070.0 7	1040.0 7	870.0 5	548.0 6	344.0 6	235.0 6	163.0 5	122.0 7	80.0 7
1939	4950.0 3	3020.0 3	2400.0 2	1290.0 3	772.0 3	436.0 3	302.0 3	226.0 3	151.0 3
1940	19200.0 1	7070.0 1	3280.0 1	1650.0 1	897.0 2	498.0 1	341.0 1	257.0 1	168.0 1

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
28.5	11.1	38.5	33.4	47.1	20.7	3.94	0.30	2.89	80.2	456	125
3778	511	3834	2599	3018	1312	45.5	1.00	19.1	3255	92850	9247
61.5	22.6	61.9	51.0	54.9	36.2	6.75	1.00	4.37	57.1	305	96.2
2.68	2.42	1.93	1.68	1.09	2.15	1.39	3.32	1.20	0.59	0.31	0.50
2.15	2.03	1.61	1.53	1.17	1.75	1.71	3.32	1.51	0.71	0.67	0.77
3.37	1.31	4.54	3.94	5.56	2.45	0.47	0.04	0.34	9.47	53.8	14.7

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWEWNESS	COEFF. OF VARIATION	SERIAL CORR
61.6	654	25.6	-0.33	0.42	-0.181

GILA RIVER BASIN

201

09473000 ARAVAIPA CREEK NEAR MAMMOTH, AZ

LOCATION.--Lat 32°50'37", long 110°37'07", in NW 1/4 sec.9, T.7 S., R.17 E., Pinal County, Hydrologic Unit 15050203, on right bank 6 mi (10 km) upstream from mouth and 9 mi (14 km) north of Mammoth.

DRAINAGE AREA.--541 mi² (1,401 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1919	20000	08-02-19		1932	29100
1920	7400	01-05-20		1933	13700
1921	12600	07-31-21		1934	10700
1931	4700	08-20-31		1935	37300
1932	6300	10-01-31		1936	19400
1933	9340	07-23-33		1937	19100
1934	3100	07-20-34		1938	12400
1935	10200	08-15-35		1939	9500
1936	6500	07-25-36		1940	14700
1937	3380	02-07-37		1942	32200
1938	3600	03-04-38		1967	12200
1939	6450	08-05-39		1966	32000
1940	5480	09-21-40		1969	12600
1941	9600	12-31-40		1970	13900
1966	6340	12-22-65	12.5	1971	9870
1967	2340	09-25-67	5.66	1972	15700
1968	10500	12-19-67	11.86	1973	36600
1969	1300	08-29-69	5.36	1974	11700
1970	5560	03-03-70	6.51	1975	9810
1971	1780	08-21-71	5.05		
1972	1830	09-10-72	4.93		
1973	10400	10-19-72	7.72		
1974	2100	08-02-74	4.8		
1975	836	10-22-74	4.02		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																	
1932								1	5	15	22	44	75	67	42	34	20	7	7	6	7	4	3	3		1			2		1			
1933								12	11	22	28	30	99	94	33	16	5	3	3	6			1	1										
1934				2		11		10	24	42	34	83	122	10	7	4	2	4	1	2	1	2	1	3										
1935				2		11		8	11	21	43	42	37	58	39	33	12	7	3	6	4	4	7	4	5	2	2	1	2	1				
1936								7	13	24	25	38	98	71	33	14	10	9	6	3	3	5	1	1	3	1	1							
1937						3		8	19	28	30	43	98	63	21	11	12	5	9	2	1	6	2	1	1									
1938					11			12	10	48	55	36	107	62	8	2	2	2	3	1	2	3												
1939						28		26	33	30	46	64	80	18	15	4	2	2	1	2	2	3												
1940		2	4	2	8		9	40	12	55	68	58	57	8	7	7	7	5	1	5	1	3	1	3		1	1	1						
1942										10	19	21	38	62	74	67	20	21	14	7	3		2	1	3				1	1				
1967							1	7	14	11	39	32	103	111	25	5	7	5	2			1	1											
1968								17	16	9	31	91	103	36	14	8	10	9	3	2	3	3	3	3	2	2	2							
1969								8	25	28	46	121	73	32	14	8	5	1				1	1	1	1	1								
1970								5	29	37	32	66	96	69	9	6	2	2	6	1	1	1	1											
1971						2	23	14	32	13	70	88	77	17	9		2	5	2	4	3	3	1											
1972			3	8	2	2	20	11	6	32	31	43	84	44	17	18	11	11	11	3		1	3	3	2									
1973						1	2	9	7	15	30	19	34	109	38	31	25	11	7	3	4	3	3	5	3	2	1	2						
1974						1	7	20	15	10	27	45	78	92	43	5	10	4	4	3					1									
1975						6	24	11	23	24	31	32	124	54	11	10	2	6	2	4	1													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6940	100.0	12	8.7	861	5102	73.5	24	250	29	91	1.3
1	0.30	2	6940	100.0	13	11.0	1619	4241	61.1	25	330	22	62	.8
2	0.50	4	6938	100.0	14	15.0	1185	2622	37.8	26	430	10	40	.5
3	0.70	5	6934	99.9	15	20.0	499	1437	20.7	27	570	10	30	.4
4	0.90	28	6929	99.8	16	26.0	295	938	13.5	28	760	6	20	.2
5	1.20	2	6901	99.4	17	35.0	167	643	9.3	29	1000	8	14	.2
6	1.60	85	6899	99.4	18	46.0	124	476	6.9	30	1300	2	6	
7	2.10	77	6814	98.2	19	61.0	92	352	5.1	31	1800	1	4	
8	2.80	201	6737	97.1	20	81.0	61	260	3.7	32	2300	2	3	
9	3.70	289	6536	94.2	21	110.0	35	199	2.9	33	3100	1	1	
10	4.90	478	6247	90.0	22	140.0	43	164	2.4	34	4100			
11	6.50	667	5769	83.1	23	190.0	30	121	1.7					

GILA RIVER BASIN

09473000 ARAVAIPA CREEK NEAR MAMMOTH, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1932	3.00 15	3.70 17	4.00 18	4.70 18	8.50 18	9.90 18	11.00 18	13.00 18	19.00 17
1933	3.00 16	3.00 13	3.10 14	3.60 14	4.50 14	8.70 17	10.00 16	11.00 15	16.00 14
1934	1.00 3	1.30 4	1.70 5	2.20 5	3.80 9	5.20 8	5.60 4	6.80 4	8.30 3
1935	1.00 4	1.30 5	2.00 6	2.30 6	3.30 5	4.40 5	6.40 8	9.20 12	35.00 20
1936	3.00 17	3.00 14	3.00 12	3.50 12	4.20 12	5.60 12	7.50 12	11.00 16	19.00 15
1937	2.00 11	2.00 8	3.00 13	3.60 13	4.10 10	5.50 11	7.20 11	8.20 7	11.00 8
1938	2.00 12	2.00 9	2.00 7	2.70 9	4.20 11	5.40 9	6.80 9	8.30 8	13.00 12
1939	1.00 5	1.00 3	1.00 3	1.50 2	1.80 1	2.90 2	4.50 2	5.90 2	8.70 4
1940	0.40 1	0.43 1	0.63 1	1.00 1	3.40 6	4.90 7	5.70 5	8.90 10	14.00 13
1942	5.00 20	5.40 20	5.80 20	6.30 20	9.00 19	11.00 19	15.00 20	17.00 20	24.00 19
1967	2.70 13	3.10 15	3.60 15	3.70 15	4.70 15	6.40 15	8.10 14	9.30 13	12.00 9
1968	3.70 18	3.70 18	3.70 16	3.70 16	10.00 20	13.00 20	14.00 19	16.00 19	20.00 18
1969	4.20 19	4.40 19	4.70 19	5.20 19	5.80 17	6.30 14	8.50 15	9.70 14	12.00 10
1970	3.00 14	3.40 16	4.00 17	4.40 17	4.50 13	5.40 10	7.00 10	8.10 6	12.00 11
1971	1.80 7	2.20 10	2.30 10	2.40 8	2.60 3	3.50 3	5.40 3	6.40 3	7.90 2
1972	0.80 2	0.88 2	0.94 2	2.10 4	3.70 8	5.90 13	7.80 13	8.70 9	10.00 6
1973	1.90 8	2.30 12	2.70 11	3.30 11	5.40 16	8.40 16	11.00 17	13.00 17	19.00 16
1974	1.90 9	2.20 11	2.20 8	3.00 10	3.50 7	4.40 6	6.20 7	9.10 11	11.00 7
1975	1.90 10	1.90 7	2.20 9	2.30 7	2.80 4	3.90 4	5.90 6	7.90 5	9.90 5

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1932	1940.0 4	1080.0 3	510.0 4	279.0 4	164.0 4	94.0 4	94.0 3	82.0 3	61.0 4
1933	668.0 11	261.0 12	122.0 15	81.0 11	53.0 11	31.0 16	27.0 14	24.0 13	21.0 13
1934	323.0 17	204.0 16	126.0 14	66.0 16	44.0 17	37.0 12	27.0 15	22.0 14	17.0 16
1935	1700.0 5	1060.0 4	569.0 3	331.0 3	209.0 2	149.0 1	125.0 1	99.0 1	69.0 3
1936	730.0 10	402.0 9	281.0 8	152.0 7	108.0 7	69.0 7	52.0 7	42.0 7	33.0 7
1937	1060.0 7	634.0 7	289.0 7	147.0 8	115.0 6	80.0 5	59.0 6	48.0 6	36.0 6
1938	1280.0 6	532.0 8	240.0 9	121.0 9	69.0 9	42.0 10	33.0 11	28.0 11	22.0 11
1939	597.0 12	266.0 11	146.0 11	79.0 13	49.0 12	33.0 13	24.0 18	19.0 18	15.0 19
1940	772.0 9	269.0 10	159.0 10	80.0 12	46.0 16	43.0 9	34.0 10	29.0 10	24.0 10
1942	2910.0 2	1020.0 5	447.0 5	226.0 5	129.0 5	80.0 6	65.0 5	56.0 5	50.0 5
1967	450.0 13	225.0 15	112.0 17	58.0 18	38.0 18	28.0 18	27.0 12	22.0 15	18.0 14
1968	2700.0 3	1580.0 2	780.0 1	401.0 1	213.0 1	149.0 2	120.0 2	97.0 2	70.0 2
1969	396.0 14	255.0 13	133.0 12	74.0 14	47.0 13	32.0 14	27.0 13	24.0 12	21.0 12
1970	1020.0 8	638.0 6	294.0 6	158.0 6	86.0 8	50.0 8	38.0 8	33.0 8	26.0 8
1971	196.0 18	137.0 18	117.0 16	72.0 15	46.0 14	32.0 15	26.0 16	20.0 16	16.0 18
1972	345.0 15	236.0 14	126.0 13	105.0 10	60.0 10	38.0 11	37.0 9	32.0 9	25.0 9
1973	3740.0 1	1600.0 1	706.0 2	353.0 2	208.0 3	118.0 3	89.0 4	72.0 4	85.0 1
1974	340.0 16	141.0 17	85.0 18	59.0 17	46.0 15	29.0 17	25.0 17	19.0 17	17.0 17
1975	129.0 19	89.0 19	53.0 19	43.0 19	28.0 19	21.0 19	18.0 19	17.0 19	18.0 15

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
28.1	20.5	45.8	27.0	57.6	44.7	15.9	9.87	9.26	24.1	31.2	27.0
1863	249	4212	537	3455	2379	86.0	21.1	74.5	563	696	218
43.2	15.8	64.9	23.2	58.8	48.8	9.28	4.59	8.63	23.7	26.4	14.8
3.61	2.44	2.66	1.90	1.19	1.86	1.89	1.12	2.62	3.05	3.10	0.33
1.54	0.77	1.42	0.86	1.02	1.09	0.58	0.47	0.93	0.98	0.84	0.55
8.23	6.01	13.4	7.91	16.9	13.1	4.65	2.89	2.72	7.08	9.15	7.91

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
25.6	177	13.3	1.02	0.52	-0.180

GILA RIVER BASIN

203

09473500 SAN PEDRO RIVER AT WINKELMAN, AZ
(National stream-quality accounting network station)

LOCATION.--Lat 32°58'38", long 110°46'11", in SE¼SW¼ sec.24, T.5 S., R.15 E., Pinal County, Hydrologic Unit 15050203, on right bank
0.7 mi (1.1 km) south of Winkelman, and 1.0 mi (1.6 km) upstream from mouth.

DRAINAGE AREA.--4,471 mi² (11,580 km²); of which 696 mi² (1,803 km²) is in Mexico.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1963	5220	02-12-63		1967	22300
1964	6460	08-15-64		1968	66100
1965	4080	09-03-65		1969	18400
1966	16800	12-22-65		1970	26700
1967	3640	09-24-67	9.92	1971	87900
1968	15000	12-20-67	11.95	1972	22200
1969	2060	12-26-68	8.45	1973	46500
1970	6340	03-03-70	9.42	1974	23200
1971	10500	08-19-71	10.55	1975	9380
1972	4130	08-27-72	9.25		
1973	13300	10-20-72	11.35		
1974	6620	07-21-74	10.03		
1975	5050	07-23-75	9.55		

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1967	52	5	2	1	1	2	1	2	5	4	4	18	29	33	41	79	44	7	8	6	4	7	2	1	5	1	1								
1968	48	4	4	4	9	5	4	1	3	33	18	8	21	8	26	29	39	15	29	13	7	11	7	8	1	3	1	4	1		1			1	
1969	77	14	5	2	5	1	6	1	4	2	18	14	18	24	54	49	24	15	8	5	3	3	4	6	2	1									
1970	65	12	8	3	12	13	15	10	14	15	21	51	58	7	4	9	9	6	3	5	3	5	2	4	5	2	3		1						
1971	133	10	6	4	12	8	5	19	13	22	17	26	18	12	7	4	1	6	10	2	2	4	4	4	4		6	1	2	2				1	
1972	76	8	19	7	8	5	9	10	24	26	10	36	26	10	35	13	5	5	6	5	6	6	4		3	1	2			1					
1973	79	7	2		3	3	2	8	3	9	6	14	83	27	24	22	16	11	13	6	3	1	6	5	3	5			1	2			1		
1974	130	6	4	2	5	8	5	20	7	30	43	28	27	7	6	3	4	4	4	4	4	2	2	3	2	3		3	2	1					
1975	79	10	5	5	12	5	5	9	25	50	25	88	12	4	10	4	3	3	2	4	1						2	2							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	739	3287	100.0	12	6.1	292	1406	42.8	24	380	26	81	2.4
1	0.10	76	2548	77.5	13	8.6	132	1114	33.9	25	530	15	55	1.6
2	0.20	55	2472	75.2	14	12.0	207	982	29.9	26	750	18	40	1.2
3	0.30	28	2417	73.5	15	17.0	212	775	23.6	27	1100	7	22	.6
4	0.40	67	2389	72.7	16	24.0	145	563	17.1	28	1500	6	15	.4
5	0.60	50	2322	70.6	17	34.0	72	418	12.7	29	2100	5	9	.2
6	0.80	52	2272	69.1	18	48.0	83	346	10.5	30	2900	1	4	.1
7	1.10	80	2220	67.5	19	68.0	50	263	8.0	31	4100	1	3	
8	1.60	98	2140	65.1	20	95.0	31	213	6.5	32	5800		2	
9	2.20	191	2042	62.1	21	130.0	39	182	5.5	33	8200	2	2	
10	3.10	162	1851	56.3	22	190.0	32	143	4.4	34				
11	4.30	283	1689	51.4	23	270.0	30	111	3.4					

GILA RIVER BASIN

09473500 SAN PEDRO RIVER AT WINKELMAN, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1967	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.94 9	4.80 9	6.10 8	12.00 7
1968	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.24 7	4.20 8	11.00 10	32.00 10
1969	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.03 4	1.70 7	4.10 7	9.80 6
1970	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.40 8	1.19 6	2.10 6	18.00 9
1971	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 1	0.01 1	0.30 1	1.30 2
1972	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.03 5	0.43 5	1.80 5	4.00 5
1973	0.00 7	0.00 7	0.00 7	0.00 7	0.13 10	2.60 10	7.90 10	8.00 9	13.00 8
1974	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	0.00 2	0.10 2	1.19 3	2.70 3
1975	0.00 9	0.00 9	0.00 9	0.00 9	0.00 8	0.01 3	0.24 3	1.19 4	2.70 4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1967	864.0 8	621.0 8	308.0 8	155.0 7	136.0 7	84.0 7	83.0 7	62.0 7	44.0 7
1968	8230.0 2	4260.0 2	2150.0 2	1080.0 2	568.0 2	371.0 2	281.0 2	225.0 2	153.0 2
1969	546.0 9	369.0 9	214.0 9	145.0 9	104.0 8	80.0 8	54.0 8	40.0 8	30.0 8
1970	2080.0 5	857.0 6	388.0 6	333.0 5	256.0 5	152.0 5	102.0 5	77.0 5	64.0 4
1971	22100.0 1	8920.0 1	4600.0 1	2560.0 1	1350.0 1	710.0 1	484.0 1	363.0 1	238.0 1
1972	2360.0 4	1010.0 5	461.0 5	314.0 6	204.0 6	127.0 6	89.0 6	70.0 6	46.0 6
1973	5420.0 3	2480.0 3	1100.0 3	522.0 3	305.0 4	195.0 3	133.0 3	105.0 3	118.0 3
1974	2020.0 6	1170.0 4	689.0 4	446.0 4	343.0 3	177.0 4	124.0 4	93.0 4	61.0 5
1975	898.0 7	701.0 7	316.0 7	152.0 8	78.0 9	61.0 9	42.0 9	31.0 9	21.0 9

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
43.4	8.50	73.4	16.7	60.2	44.6	9.98	1.84	2.80	63.7	234	49.6
8920	63.9	30680	236	7077	3384	141	5.82	35.0	2246	144300	1785
94.4	7.99	175	15.4	84.1	58.2	11.9	2.41	5.92	47.4	380	42.3
2.82	1.04	2.95	1.09	1.10	1.33	1.33	1.33	1.85	2.06	2.91	1.07
2.18	0.94	2.39	0.92	1.40	1.30	1.19	1.31	2.12	0.74	1.62	0.85
7.12	1.40	12.0	2.74	9.89	7.33	1.64	0.30	0.46	10.5	38.5	8.15

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
49.5	1275	35.7	1.28	0.72	-0.404

GILA RIVER BASIN

205

09474000 GILA RIVER AT KELVIN, AZ
(National stream-quality accounting network station)

LOCATION.--Lat 33°06'10", long 110°58'33", in NE¼NW¼ sec.12, T.4 S., R.13 E., Pinal County, Hydrologic Unit 15050100, on left bank at Kelvin, 500 ft (152 m) downstream from Mineral Creek, 18 mi (29 km) downstream from San Pedro River, and 19 mi (31 km) upstream from Ashurst-Hayden Dam.

DRAINAGE AREA.--18,011 mi² (46,648 km²), of which 5,125 mi² (13,274 km²) is below Coolidge Dam.

REMARKS.--Records fair. Large diversions above station for irrigation, of which about 90 percent is above Coolidge Dam. About 82,000 acres (332 km²) irrigated, a considerable portion by pumping from ground water. Flow regulated by San Carlos Reservoir 49 mi (79 km) upstream since Nov. 15, 1928. (See sta 09469000.)

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT,FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1891	102000	02-22-91	HP	1866					1912	5227000
1906	190000	11-28-05	ES HP	1866					1913	1810000
1912	35000	03-12-12							1914	4389000
1913	4400	02-25-13							1915	22570000
1914	18000	09-21-14			8.26				1916	14140000
1915	67300	12-24-14			15.10				1917	5898000
1916	132000	01-20-16		1906	19.50				1918	1521000
1917	55000	10-15-16			14.00				1919	7362000
1918	15100	08-06-18			7.90				1920	6935000
1919	20800	08-03-19			9.20				1921	4616000
1920	25800	12-05-19			10.25				1922	1205000
1921	24000	07-31-21			9.80				1923	3509000
1922	7520	07-26-22			5.80				1924	3778000
1923	11700	07-14-23			6.90				1925	1779000
1924	11700	12-29-23			6.90				1926	4057000
1925	11200	09-04-25			6.90				1927	3243000
1926	82000	09-28-26			16.20				1928	1512000
1927	8570	02-18-27			6.15				1929	976800
1928	12000	08-02-28			7.05				1930	3429000
1929	11600	09-24-29	KR		7.22				1931	3634000
1930	42800	08-08-30	KR		12.6				1932	3654000
1931	28600	08-30-31	KR		10.6				1933	3733000
1932	12800	10-02-31	KR		7.5				1934	2201000
1933	8800	07-24-33	KR		6.45				1935	3343000
1934	6750	08-23-34	KR		5.82				1936	3018000
1935	21000	08-29-35	KR		9.30				1937	3652000
1936	12600	09-11-36	KR		7.45				1938	2340000
1937	10200	08-21-37	KR		6.94				1939	1565000
1938	5660	08-05-38	KR		6.55				1940	2243000
1939	9320	08-07-39	KR		7.63				1941	4758000
1940	38200	08-14-40	KR		12.06				1942	3904000
1941	23300	12-31-40	KR		10.06				1943	4275000
1942	3300	08-09-42	KR		6.35				1944	3397000
1943	6290	09-26-43	KR		7.30				1945	2648000
1944	28000	08-09-44	KR		10.95				1946	1199000
1945	9200	08-10-45	KR		9.10				1947	870600
1946	6440	08-05-46	KR		7.92				1948	916000
1947	10000	08-08-47	KR		8.67				1949	2938000
1948	5850	08-03-48	KR		7.70				1950	1829000
1949	5610	09-15-49	KR		7.12				1951	658200
1950	6920	07-30-50	KR		7.91				1952	2741000
1951	13200	08-03-51	KR		9.99				1953	759800
1952	5450	01-14-52	KR		7.57				1954	1862000
1953	4210	07-07-53	KR		7.1				1955	2294000
1954	17800	08-05-54	KR		13.07				1956	1215000
1955	9860	08-08-55	KR		9.83				1957	674600
1956	1800	08-17-56	KR		5.75				1958	3136000
1957	4540	08-19-57	KR		7.12				1959	1873000
1958	5310	08-06-58	KR		8.40				1960	3208000
1959	5930	08-17-59	KR		8.30	NM	8.47	07-28-59	1961	564200
1960	11200	12-26-59	KR		11.00	NM	11.22	09-09-60	1962	2859000
1961	9600	07-22-61	KR		9.82				1963	2001000
1962	4910	12-16-61	KR		8.56				1964	1687000
1963	5880	02-12-63	KR		11.56				1965	1474000
1964	4150	08-15-64	KR		11.02				1966	4206000
1965	4980	08-17-65	KR		11.25				1967	2981000
1966	26300	12-23-65	KR		18.5				1968	4181000
1967	4220	09-24-67	KR		10.52				1969	3542000
1968	27700	12-20-67	KR		18.7				1970	2563000
1969	5800	01-22-69	KR		11.95				1971	1010000
1970	6600	03-03-70	ES KR		12.90				1972	1961000
1971	3120	08-20-71	KR		9.75				1973	3876000
1972	3930	10-01-71	KR		10.58				1974	3931000
1973	10300	10-20-72	KR		14.80				1975	3489000
1974	3880	08-02-74	KR		10.55					
1975	2650	07-23-75	KR		9.50					

HP Isolated historic peak; not part of systematic record.

ES Discharge estimated from another site.

KR Known significant effect of regulation or diversion.

NM Not maximum gage height for water year.

09474000 GILA RIVER AT KELVIN, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN[illegible]

GILA RIVER BASIN

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09474000 GILA RIVER AT KELVIN, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--Continued

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	13	23376	100.0	12	12.0	430	21678	92.7	24	1500	306	883	3.7
1	0.10	9	23363	99.9	13	18.0	577	21248	90.9	25	2200	263	577	2.4
2	0.20	24	23354	99.9	14	27.0	815	20671	88.4	26	3300	146	314	1.3
3	0.30	16	23330	99.8	15	40.0	1061	19856	84.9	27	5000	74	168	.7
4	0.50	58	23312	99.7	16	60.0	1396	18795	80.4	28	7400	44	94	.4
5	0.70	299	23254	99.5	17	90.0	1781	17399	74.4	29	11000	21	50	.2
6	1.10	113	22955	98.2	18	130.0	2823	15618	66.8	30	17000	15	29	.1
7	1.60	163	22842	97.7	19	200.0	3028	12795	54.7	31	25000	7	14	
8	2.40	200	22679	97.0	20	300.0	3125	9767	41.8	32	37000	5	7	
9	3.70	280	22479	96.2	21	450.0	3009	6642	28.4	33	55000	2	2	
10	5.50	261	22199	95.0	22	670.0	2189	3633	15.5	34				
11	8.10	260	21938	93.8	23	1000.0	561	1444	6.2					

GILA RIVER BASIN

09474000 GILA RIVER AT KELVIN, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1912	3.00 22	3.00 22	3.00 22	4.60 23	5.10 17	14.00 15	65.00 24	163.00 41	562.00 62
1913	0.00 1	0.00 1	0.00 1	0.07 1	10.00 22	16.00 16	62.00 23	124.00 31	174.00 26
1914	1.00 11	1.00 11	2.00 18	2.80 20	6.50 19	11.00 14	25.00 14	55.00 16	149.00 20
1915	45.00 54	55.00 54	59.00 52	63.00 51	97.00 51	246.00 64	662.00 65	802.00 65	1400.00 65
1916	29.00 46	32.00 45	34.00 43	45.00 46	71.00 47	126.00 50	204.00 53	358.00 61	599.00 64
1917	24.00 41	25.00 40	31.00 41	32.00 40	43.00 37	109.00 43	176.00 46	270.00 57	350.00 57
1918	4.00 24	4.00 24	4.60 25	8.60 25	30.00 32	40.00 25	55.00 21	58.00 19	154.00 22
1919	9.00 30	9.70 30	9.90 26	11.00 26	39.00 36	69.00 33	176.00 47	254.00 56	544.00 61
1920	6.00 27	8.00 29	10.00 27	15.00 30	52.00 40	65.00 32	116.00 34	195.00 45	288.00 45
1921	1.00 12	1.00 12	1.00 11	1.00 10	4.10 15	7.10 12	16.00 11	28.00 8	76.00 9
1922	4.50 25	4.50 25	4.50 24	4.50 22	5.50 18	11.00 13	24.00 13	46.00 13	89.00 13
1923	0.50 7	0.50 7	0.50 5	0.75 6	0.88 4	2.30 6	11.00 8	38.00 12	74.00 8
1924	1.00 13	1.00 13	1.40 17	1.90 17	6.80 20	23.00 21	61.00 22	48.00 15	293.00 48
1925	1.00 14	1.00 14	1.00 12	1.00 11	1.00 6	4.80 10	12.00 9	23.00 7	43.00 4
1926	2.00 19	2.00 19	2.10 19	2.50 18	11.00 23	35.00 23	84.00 28	81.00 21	328.00 54
1927	6.00 28	6.00 26	11.00 29	13.00 28	25.00 27	33.00 22	73.00 25	109.00 26	221.00 34
1928	1.00 15	1.00 15	1.00 13	1.00 12	1.30 9	4.10 8	14.00 10	34.00 10	116.00 14
1929	1.00 16	1.00 16	1.00 14	1.10 13	1.60 10	2.00 3	6.80 5	18.00 5	24.00 1
1930	31.00 47	32.00 46	37.00 45	43.00 45	70.00 46	80.00 35	88.00 30	101.00 24	183.00 29
1931	27.00 45	28.00 43	30.00 40	32.00 41	69.00 43	79.00 34	111.00 33	126.00 32	238.00 38
1932	55.00 58	63.00 59	81.00 57	98.00 57	124.00 57	187.00 56	208.00 57	199.00 48	288.00 46
1933	54.00 57	58.00 56	59.00 53	64.00 52	108.00 54	151.00 57	181.00 48	195.00 46	252.00 39
1934	50.00 56	57.00 55	102.00 59	105.00 58	115.00 56	119.00 46	136.00 41	160.00 40	206.00 31
1935	39.00 50	40.00 49	41.00 46	52.00 49	76.00 48	95.00 38	125.00 35	143.00 37	222.00 35
1936	40.00 51	41.00 50	43.00 49	47.00 48	70.00 44	104.00 41	135.00 40	156.00 39	225.00 36
1937	47.00 55	52.00 53	52.00 51	62.00 50	142.00 59	154.00 58	163.00 43	195.00 47	257.00 40
1938	37.00 49	60.00 57	126.00 62	142.00 61	178.00 62	194.00 61	200.00 52	225.00 52	268.00 42
1939	2.00 20	2.00 20	2.30 20	5.60 24	24.00 26	46.00 28	75.00 26	86.00 22	125.00 17
1940	26.00 43	29.00 44	98.00 58	133.00 60	142.00 60	170.00 59	172.00 45	181.00 42	206.00 32
1941	40.00 52	41.00 51	42.00 47	46.00 47	68.00 42	138.00 53	205.00 54	465.00 64	593.00 63
1942	110.00 64	114.00 64	135.00 63	147.00 63	187.00 63	227.00 63	266.00 61	288.00 58	331.00 55
1943	199.00 65	216.00 65	236.00 65	248.00 65	274.00 65	289.00 65	309.00 62	329.00 60	400.00 58
1944	67.00 60	74.00 60	140.00 64	152.00 64	159.00 61	186.00 60	206.00 56	225.00 53	275.00 43
1945	69.00 61	77.00 62	107.00 61	143.00 62	188.00 64	200.00 62	222.00 60	230.00 54	260.00 41
1946	1.00 17	1.00 17	1.30 16	1.60 16	3.30 13	47.00 29	82.00 27	103.00 25	120.00 15
1947	0.30 5	0.40 5	0.64 7	0.90 9	1.00 7	1.70 2	3.90 2	32.00 9	71.00 7
1948	5.00 26	6.00 27	12.00 32	22.00 34	31.00 33	38.00 24	44.00 19	57.00 18	86.00 11
1949	2.40 21	2.50 21	2.50 21	2.80 19	4.10 14	20.00 18	32.00 16	56.00 17	138.00 18
1950	8.00 29	8.00 28	11.00 30	23.00 35	33.00 35	121.00 47	134.00 39	126.00 33	180.00 27
1951	0.50 6	0.50 6	0.53 6	0.57 4	0.68 3	5.70 11	8.30 6	20.00 6	46.00 5
1952	3.10 23	3.10 23	3.10 23	3.20 21	4.30 16	42.00 27	45.00 20	140.00 36	164.00 24
1953	0.60 8	0.77 10	0.86 10	1.40 15	7.40 21	20.00 19	38.00 17	47.00 14	86.00 12
1954	1.19 18	1.19 18	1.19 15	1.30 14	1.30 8	2.10 4	4.10 3	5.40 1	65.00 6
1955	0.60 9	0.60 8	0.67 8	0.89 8	2.70 12	4.20 9	30.00 15	119.00 29	122.00 16
1956	0.70 10	0.73 9	0.76 9	0.81 7	2.10 11	21.00 20	38.00 18	80.00 20	150.00 21
1957	0.10 2	0.10 2	0.11 2	0.60 5	0.97 5	2.20 5	2.90 1	7.20 2	31.00 2
1958	11.00 33	11.00 32	12.00 31	19.00 32	46.00 38	89.00 36	130.00 38	136.00 35	218.00 33
1959	23.00 39	23.00 38	25.00 38	27.00 38	54.00 41	93.00 37	126.00 36	122.00 30	182.00 28
1960	27.00 44	27.00 42	28.00 39	30.00 39	31.00 34	122.00 48	220.00 59	306.00 59	326.00 53
1961	0.10 3	0.13 3	0.17 3	0.19 2	0.22 1	0.88 1	4.60 4	12.00 3	38.00 3
1962	25.00 42	35.00 48	44.00 50	74.00 55	86.00 50	112.00 44	209.00 58	238.00 55	317.00 50
1963	10.00 32	11.00 33	13.00 33	14.00 29	15.00 25	16.00 17	21.00 12	37.00 11	170.00 25
1964	32.00 48	33.00 47	34.00 44	34.00 42	70.00 45	102.00 39	137.00 42	133.00 34	156.00 23
1965	21.00 36	21.00 36	22.00 36	23.00 36	29.00 31	54.00 31	86.00 29	92.00 23	143.00 19
1966	9.40 31	9.80 31	10.00 28	11.00 27	12.00 24	41.00 26	344.00 63	404.00 62	476.00 59
1967	60.00 59	60.00 58	61.00 54	67.00 53	126.00 58	140.00 55	197.00 51	193.00 44	285.00 44
1968	105.00 63	105.00 63	105.00 60	107.00 59	109.00 55	138.00 54	443.00 64	452.00 63	492.00 60
1969	73.00 62	76.00 61	79.00 56	83.00 56	103.00 53	113.00 45	205.00 55	222.00 51	306.00 49
1970	42.00 53	42.00 52	43.00 48	43.00 43	47.00 39	104.00 40	105.00 32	117.00 27	236.00 37
1971	0.30 4	0.30 4	0.34 4	0.49 3	0.66 2	2.80 7	8.90 7	18.00 4	79.00 10
1972	21.00 37	22.00 37	23.00 37	24.00 37	28.00 28	53.00 30	98.00 31	117.00 28	203.00 30
1973	24.00 40	26.00 41	64.00 55	71.00 54	100.00 52	109.00 42	126.00 37	150.00 38	338.00 56
1974	14.00 34	15.00 34	16.00 34	16.00 31	28.00 29	125.00 49	167.00 44	184.00 43	318.00 51
1975	23.00 38	25.00 39	32.00 42	43.00 44	76.00 49	130.00 51	184.00 49	208.00 49	322.00 52

GILA RIVER BASIN

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09474000 GILA RIVER AT KELVIN, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1912	32900.0 5	18800.0 4	11300.0 4	6250.0 5	3690.0 7	2040.0 9	1390.0 9	1090.0 10	1120.0 7
1913	3450.0 36	3110.0 30	2320.0 24	1530.0 24	1110.0 24	723.0 37	564.0 41	478.0 41	354.0 48
1914	7550.0 20	4260.0 20	3630.0 17	3230.0 11	2490.0 10	2250.0 7	1770.0 6	1340.0 7	889.0 9
1915	55000.0 2	47200.0 2	41500.0 1	25400.0 2	14000.0 2	10200.0 1	8250.0 1	7420.0 1	5350.0 1
1916	105000.0 1	60200.0 1	39500.0 2	26400.0 1	15000.0 1	8820.0 2	6570.0 2	5140.0 2	3510.0 2
1917	36800.0 3	21500.0 3	11900.0 3	6660.0 3	3750.0 6	2060.0 8	1480.0 8	1590.0 6	1300.0 5
1918	5340.0 26	3750.0 25	2040.0 27	1250.0 27	876.0 36	594.0 44	467.0 44	380.0 48	298.0 51
1919	12600.0 11	10900.0 7	7750.0 7	4950.0 8	4620.0 4	3100.0 4	2250.0 5	1700.0 5	1620.0 4
1920	8680.0 17	7960.0 13	6570.0 10	5490.0 6	4120.0 5	2910.0 5	2560.0 3	2240.0 3	1690.0 3
1921	15500.0 9	12500.0 6	8730.0 5	6530.0 4	5600.0 3	3310.0 3	2270.0 4	1700.0 4	1130.0 6
1922	1390.0 61	1090.0 57	1020.0 49	796.0 46	642.0 50	406.0 54	283.0 56	217.0 56	175.0 57
1923	8480.0 18	7290.0 15	6710.0 9	4980.0 7	3340.0 8	2310.0 6	1720.0 7	1290.0 8	853.0 10
1924	10700.0 13	9350.0 9	7150.0 8	4320.0 9	2570.0 9	1630.0 10	1280.0 10	1120.0 9	956.0 8
1925	9640.0 14	7950.0 14	5130.0 12	2830.0 14	1890.0 13	1220.0 13	867.0 22	668.0 32	443.0 40
1926	36600.0 4	17200.0 5	8240.0 6	3880.0 10	2280.0 11	1500.0 11	1060.0 11	844.0 19	815.0 11
1927	4770.0 29	4660.0 19	3870.0 16	2640.0 15	1900.0 12	1150.0 16	864.0 23	744.0 28	600.0 33
1928	4500.0 31	3390.0 28	1860.0 29	1020.0 39	959.0 34	608.0 42	409.0 49	307.0 53	231.0 54
1929	5410.0 25	2740.0 32	1550.0 32	1050.0 37	690.0 45	571.0 47	431.0 47	324.0 51	219.0 55
1930	18400.0 6	8470.0 12	4220.0 14	2380.0 16	1670.0 16	1230.0 12	1050.0 12	932.0 11	771.0 16
1931	7670.0 19	3780.0 23	2320.0 25	1670.0 23	1420.0 20	1150.0 17	1010.0 13	895.0 12	764.0 17
1932	3560.0 35	2220.0 37	1410.0 35	1110.0 32	977.0 33	865.0 31	823.0 26	760.0 25	700.0 23
1933	2570.0 48	1740.0 46	1250.0 39	1080.0 34	1000.0 29	971.0 23	911.0 17	871.0 13	789.0 13
1934	1620.0 58	1010.0 59	678.0 59	554.0 56	482.0 56	445.0 51	412.0 48	403.0 44	395.0 43
1935	9470.0 15	4910.0 18	3400.0 20	2350.0 17	1630.0 17	1170.0 14	984.0 15	854.0 15	701.0 25
1936	3350.0 37	2150.0 38	1210.0 41	865.0 44	770.0 41	729.0 36	699.0 36	657.0 33	609.0 30
1937	4570.0 30	3940.0 22	2440.0 22	1690.0 22	1350.0 21	1080.0 18	953.0 16	869.0 14	748.0 18
1938	2470.0 51	1320.0 51	967.0 51	651.0 52	514.0 54	420.0 53	381.0 53	384.0 46	369.0 46
1939	5560.0 24	3670.0 26	2410.0 23	1350.0 26	839.0 39	561.0 48	397.0 51	320.0 52	311.0 50
1940	11100.0 12	6940.0 16	3430.0 19	1940.0 21	1180.0 23	748.0 35	571.0 40	478.0 42	413.0 41
1941	17600.0 8	8840.0 10	4110.0 15	2210.0 18	1270.0 22	982.0 20	1010.0 14	852.0 16	775.0 15
1942	1280.0 62	1120.0 55	1080.0 47	1080.0 35	981.0 32	923.0 27	888.0 21	830.0 20	748.0 19
1943	2850.0 43	1930.0 42	1330.0 37	1110.0 33	1010.0 28	948.0 24	890.0 20	850.0 17	783.0 14
1944	9130.0 16	4120.0 21	2220.0 26	1450.0 25	1070.0 27	880.0 30	813.0 29	744.0 29	660.0 28
1945	5240.0 27	3150.0 29	1880.0 28	1140.0 28	816.0 40	642.0 41	572.0 39	518.0 40	462.0 39
1946	2190.0 53	1270.0 52	689.0 57	453.0 61	334.0 63	293.0 61	226.0 60	176.0 59	173.0 58
1947	2570.0 49	1860.0 43	990.0 50	602.0 55	431.0 59	309.0 60	207.0 61	156.0 62	134.0 63
1948	1420.0 59	1140.0 53	685.0 58	523.0 59	407.0 60	252.0 63	200.0 62	176.0 60	181.0 56
1949	3220.0 38	1980.0 40	1370.0 36	1130.0 30	1080.0 25	992.0 19	910.0 18	789.0 21	703.0 24
1950	2800.0 44	2230.0 36	1190.0 43	1060.0 36	714.0 44	517.0 49	432.0 46	402.0 45	379.0 45
1951	6370.0 23	2460.0 34	1140.0 46	638.0 53	528.0 53	335.0 58	234.0 58	176.0 61	141.0 61
1952	3030.0 40	1520.0 49	1190.0 44	1010.0 40	991.0 31	896.0 29	812.0 30	720.0 30	601.0 31
1953	2020.0 54	998.0 60	507.0 64	383.0 64	326.0 64	239.0 64	172.0 64	151.0 63	163.0 59
1954	7080.0 21	5460.0 17	3530.0 18	2160.0 19	1500.0 19	940.0 26	700.0 35	582.0 37	482.0 37
1955	5180.0 28	3750.0 24	2540.0 21	1960.0 20	1690.0 15	1150.0 15	823.0 27	618.0 35	464.0 38
1956	645.0 64	558.0 64	543.0 62	501.0 60	437.0 58	354.0 57	319.0 55	302.0 55	234.0 53
1957	1780.0 57	1040.0 58	729.0 56	525.0 58	459.0 57	385.0 55	278.0 57	209.0 57	139.0 62
1958	2860.0 42	1950.0 41	1210.0 42	1110.0 31	993.0 30	898.0 28	820.0 28	763.0 24	677.0 26
1959	2720.0 46	1600.0 48	899.0 53	632.0 54	558.0 52	435.0 52	392.0 52	362.0 50	364.0 47
1960	4110.0 33	2890.0 31	1680.0 30	951.0 41	845.0 38	784.0 34	708.0 33	657.0 34	601.0 32
1961	2930.0 41	1110.0 56	568.0 61	391.0 63	343.0 62	268.0 62	195.0 63	146.0 64	102.0 64
1962	3180.0 39	2300.0 35	1230.0 40	713.0 50	656.0 47	651.0 40	626.0 38	556.0 38	519.0 36
1963	4420.0 32	2570.0 33	1300.0 38	731.0 49	658.0 46	594.0 45	519.0 43	463.0 43	403.0 42
1964	2720.0 47	1640.0 47	1180.0 45	776.0 47	647.0 48	589.0 46	462.0 45	383.0 47	319.0 49
1965	1390.0 60	760.0 63	535.0 63	419.0 62	389.0 61	367.0 56	333.0 54	304.0 54	275.0 52
1966	14600.0 10	8680.0 11	4230.0 13	2940.0 13	1810.0 14	975.0 22	849.0 24	789.0 22	719.0 21
1967	1980.0 55	1140.0 54	879.0 54	760.0 48	737.0 43	676.0 39	644.0 37	606.0 36	548.0 34
1968	18000.0 7	9570.0 8	5220.0 11	2950.0 12	1590.0 18	946.0 25	846.0 25	763.0 23	677.0 27
1969	1920.0 56	1320.0 50	961.0 52	933.0 42	893.0 35	823.0 33	787.0 32	754.0 27	707.0 22
1970	3910.0 34	1840.0 44	1050.0 48	685.0 51	646.0 49	599.0 43	548.0 42	520.0 39	522.0 35
1971	2270.0 52	2040.0 39	1460.0 34	1030.0 38	577.0 51	328.0 59	226.0 59	183.0 58	158.0 60
1972	2550.0 50	983.0 62	587.0 60	545.0 57	494.0 55	448.0 50	407.0 50	378.0 49	384.0 44
1973	6500.0 22	3410.0 27	1650.0 31	908.0 43	847.0 37	826.0 32	801.0 31	759.0 26	742.0 20
1974	2790.0 45	1810.0 45	1540.0 33	1140.0 29	1080.0 26	979.0 21	901.0 19	850.0 18	796.0 12
1975	1070.0 63	996.0 61	839.0 55	805.0 45	745.0 42	705.0 38	704.0 34	690.0 31	656.0 29

GILA RIVER BASIN

09474000 GILA RIVER AT KELVIN, AZ--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
251	165	497	521	483	550	485	314	310	604	853	462
211400	26830	2432000	3068000	872100	452400	345000	63010	79020	318400	521700	132100
460	164	1560	1752	934	673	587	251	281	564	722	363
5.78	1.96	7.23	6.61	4.45	3.57	4.11	0.63	0.34	2.42	3.06	1.94
1.83	0.99	3.14	3.36	1.93	1.22	1.21	0.80	0.91	0.93	0.85	0.79
4.57	3.00	9.04	9.48	8.80	10.0	8.82	5.71	5.64	11.0	15.5	8.42

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
459	193000	439	4.24	0.96	0.481

GILA RIVER BASIN

211

09478500 QUEEN CREEK AT WHITLOW DAMSITE, NEAR SUPERIOR, AZ

LOCATION.--Lat 33°17'55", long 111°16'25", in NW¼SE¼ sec.36, T.1 S., R.10 E., Pinal County, at Whitlow damsite, 2.5 mi (4.0 km) upstream from Whitlow Canyon, 4 mi (6.4 km) northeast of Florence Junction, and 10 mi (16 km) west of Superior.

DRAINAGE AREA.--144 mi² (373 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1917	2800	05-20-17				1949	1120
1918	5000	08-05-18				1950	1500
1919	10000	08-01-19				1951	1340
1920	750	02-20-20				1952	4300
1948	676	07-21-48				1953	2610
1949	2630	07-22-49				1954	9830
1950	5100	07-18-50				1955	4020
1951	1510	08-03-51				1956	922
1952	1170	01-18-52				1957	1640
1953	1780	07-29-53				1958	2770
1954	42900	08-19-54					
1955	5430	08-03-55		7.66			
1956	4100	08-17-56		6.83			
1957	8260	08-19-57		8.85			
1958	3970	03-22-58		7.00			
1959	30000	08-17-59	ES				

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1949	346							3					2	1	1			3	3	2	1			1	2										
1950	354							3					1	1	1	1		1					1					1			1				
1951	352		1			1					1	1	1		1				1	1					2	2	1								
1952	175	7	15		8	17	6	9	18	48	27	8	1	1	1		5	2	3	2	1	3	2	3	1	1		2	1						
1953	113	89	16		16	25	32	10	41	4		3	2	1	1	1	1	1	3	2		1	1	1	1		1				1				
1954	222	15	72					1	1	1	14	29	1		1	2		1				1										2			
1955	30	7	25	70	22	58	26	25	34	29	21	3	2	1		1		1	2		1		1			3		1	1	1					
1956	267	3	2	2	5	33	30	14		1		1				2	1				1	2	1			1									
1957	344	1		1	1		1	1			1	3		2	1	1	1	1				2	2			1									
1958	202	4	8	11	17	14	6	18	25	21	1		9	6	2		5	1	2	3	3	3	3	1	1			2							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2405	3652	100.0	12	3.8	19	160	4.4	24	110	5	29	.7
1	0.10	126	1247	34.1	13	5.0	12	141	3.9	25	140	7	24	.6
2	0.20	139	1121	30.7	14	6.6	9	129	3.5	26	190	2	17	.4
3	0.30	84	982	26.9	15	8.7	7	120	3.3	27	250	6	15	.4
4	0.40	69	898	24.6	16	11.0	14	113	3.1	28	330	2	9	.2
5	0.50	148	829	22.7	17	15.0	12	99	2.7	29	430	5	7	.1
6	0.70	101	681	18.6	18	20.0	14	87	2.4	30	570		2	
7	0.90	84	580	15.9	19	27.0	8	73	2.0	31	760		2	
8	1.20	119	496	13.6	20	35.0	9	65	1.8	32	1000	2	2	
9	1.60	104	377	10.3	21	46.0	8	56	1.5	33				
10	2.20	65	273	7.5	22	61.0	9	48	1.3	34				
11	2.80	46	208	5.7	23	81.0	10	39	1.1					

ES Discharge estimated from another site.

GILA RIVER BASIN

09478500 QUEEN CREEK AT WHITLOW DAMSITE, NEAR SUPERIOR, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1949	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.43 4
1950	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.09 2
1951	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.19 3
1952	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.19 10	0.39 9	0.78 10	2.10 8
1953	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.06 8	0.49 10	0.69 8	1.19 8
1954	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 4	0.00 4	0.11 6	8.50 1
1955	0.00 7	0.00 7	0.00 7	0.00 7	0.01 10	0.14 9	0.20 8	0.27 7	0.47 5
1956	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	0.00 5	0.00 5	0.00 4	0.47 5
1957	0.00 9	0.00 9	0.00 9	0.00 9	0.00 8	0.00 6	0.00 6	0.00 5	0.06 1
1958	0.00 10	0.00 10	0.00 10	0.00 10	0.00 9	0.00 7	0.00 7	0.76 9	2.50 1

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1949	123.0 10	50.0 10	24.0 9	12.0 9	11.0 9	5.4 9	3.6 9	2.7 9	1.8 9
1950	455.0 4	152.0 5	77.0 5	36.0 5	24.0 5	12.0 6	8.1 6	6.1 6	4.1 6
1951	170.0 8	110.0 6	48.0 8	23.0 8	15.0 8	8.0 8	5.3 8	4.0 8	2.6 8
1952	388.0 5	158.0 4	90.0 3	54.0 4	30.0 4	18.0 3	19.0 3	16.0 2	11.0 3
1953	547.0 2	271.0 2	130.0 2	63.0 3	32.0 3	16.0 4	11.0 4	9.1 4	6.4 4
1954	2690.0 1	903.0 1	394.0 1	213.0 1	110.0 1	56.0 1	38.0 1	28.0 1	27.0 1
1955	481.0 3	186.0 3	80.0 4	63.0 2	47.0 2	25.0 2	20.0 2	15.0 3	10.0 3
1956	153.0 9	51.0 9	22.0 10	10.0 10	8.8 10	4.4 10	2.9 10	2.2 10	1.4 10
1957	276.0 7	95.0 8	52.0 6	34.0 6	21.0 6	11.0 7	7.2 7	5.4 7	3.6 7
1958	292.0 6	106.0 7	50.0 7	29.0 7	21.0 7	14.0 5	10.0 5	8.3 5	6.6 5

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.22	0.56	1.81	3.43	0.65	12.6	1.70	0.50	1.30	5.28	16.7	0.68
6.53	1.32	15.0	25.0	1.85	320	11.2	0.71	9.09	42.7	960	1.28
2.55	1.15	3.87	5.00	1.36	17.9	3.34	0.84	3.01	6.53	31.0	1.13
2.76	2.78	2.95	2.08	2.96	1.18	1.84	1.58	3.03	1.65	2.83	1.48
2.10	2.07	2.14	1.46	2.10	1.43	1.97	1.67	2.31	1.24	1.86	1.65
2.63	1.20	3.91	7.41	1.40	27.1	3.66	1.08	2.81	11.4	36.0	1.48

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
4.15	13.6	3.69	2.14	0.89	0.128

GILA RIVER BASIN

2

09479500 GILA RIVER NEAR LAVERN, AZ

LOCATION.--Lat 33°15'25", long 112°09'59", in SW¼NW¼ sec.16, T.2 S., R.2 E., Pinal County, Hydrologic Unit 15050100, in Gila River Indian Reservation, on left abutment of highway bridge, 2.1 mi (3.4 km) upstream from Santa Cruz River, 2.6 mi (4.2 km) south of Komatke, and 7.3 mi (11.7 km) south of Laveen.

DRAINAGE AREA.--20,615 mi² (53,393 km²), of which 696 mi² (1,803 km²) is in Mexico.

REMARKS.--Records fair. Records include flow over dam and in overflow channel. Large diversions above station for irrigation. Flow partly regulated by storage in San Carlos Reservoir.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT.FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1940	8740	08-17-40	UR	9.21				1941	118000
1941	11900	01-02-41	UR	9.33				1942	13900
1942	1170	12-12-41	UR	4.90				1943	22000
1943	1570	09-27-43	UR	5.78				1944	14400
1944	1330	08-11-44	UR	5.83				1945	16000
1945	2800	08-13-45	UR	7.42				1946	15700
1946	1260	09-20-46	UR	6.26				1949	15000
1948	1430	08-05-48	UR	6.09				1950	13100
1949	1250	08-10-49	UR	6.64	NM	6.68	09-17-49	1951	8050
1950	1500	08-02-50	UR	7.22				1952	10700
1951	1210	08-29-51	UR	7.29				1953	4210
1952	1070	01-20-52	UR	7.03				1954	50900
1953	565	07-31-53	UR	6.76				1955	70600
1954	4510	08-08-54	UR	9.18				1956	155
1955	3230	08-24-55	UR	8.76				1957	1190
1956	46	01-31-56	UR	4.00				1958	9990
1957	446	08-20-57	UR	6.0				1959	6120
1958	995	08-19-58	UR	7.75				1960	18600
1959	934	08-19-59	UR	7.54				1961	3630
1960	1760	01-14-60	UR	8.18				1962	4270
1961	655	08-25-61	UR	7.19				1963	9680
1962	1020	12-18-61	UR	7.75				1964	11100
1963	798	02-14-63	UR	7.63				1965	202
1964	996	08-17-64	UR	7.96				1966	41400
1965	85	02-09-65	UR	4.09				1967	1000
1966	10900	12-26-65	UR	10.08				1968	25800
1967	350	09-28-67	UR	6.12				1969	0
1968	5890	12-23-67	UR	9.62				1970	240
1969	0	-	UR					1971	7980
1970	178	03-05-70	UR	4.46				1972	3440
1971	1130	08-23-71	UR	7.66				1973	7380
1972	544	10-03-71	UR	7.37				1974	6710
1973	1500	10-23-72	UR	7.83				1975	67
1974	1220	08-07-74	UR	8.06					
1975	19	11-02-74	UR	3.93					

NM Not maximum gage height for water year.

09479500 GILA RIVER NEAR LAVERN, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
													NUMBER	OF	DAYS	IN	CLASS																				
1941															10	18	36	64	51	63	25	20	19	9	13	7	8	4	8	5	3	1		1			
1942															27	46	44	103	68	66	3	2	2	1	1		1										
1943								4	1	1	5	9	23		23	14	36	67	32	84	33	9	6	4	3	3	4										
1944															18	71	63	50	61	97		3		1													
1945								20	13		7	12	5		28	24	42	72	56	57	16	5	1	3													
1946								3	1		2		16		33	30	34	72	62	66	31	5	2	3		1											
1949								21	7	3	5	15	44		46	96	46	39	15	6	1	5	1		1	2	7										
1950	60							2	8	10	38	15	44		33	24	14	65	36	2	2	1	3			1											
1951	88							16	50	22	27	26	24		17	62		15	7	3			2			2											
1952	176							10	19		12	22	21		21	7	5	16	30	5	6	1	2	2	2	2	4	1	1	1							
1953	135							6	5		2	1	10		23	51	107	6	7	4	3		1		1	1	2										
1954	244							23	5	2	6	1	9		8	6	8	8	4	2	3	3	1	5	3	2	5	6	4	2	1	2					
1955	254							3	1		33		10	9	3	2	7	2	3			1	1		1	2	7	3	4	10	7	2					
1956	304							19	2	2	8		18	5	4	2		1			1																
1957	330							6	14	1	4	1	1	1					1	3						2											
1958	282							5	3	1	3	2	4		4	2	7	5	9	6	3	3	4	6	5	5		1	2								
1959	330								4		1		1		3		1	3	4	2	3	3	1	1	2	2	2	1	1								
1960	332							2	3	1	3			1	2	1	1	2	2	1		1	1	3		3	3	2	2								
1961	313							4	1		2	1	4		3	4	6		6	5	3	6	1	2	1	2	1										
1962	348								1					1	1	1	1	1	2	2		1		1		2	2										
1963	331							1	1						1	4	1	4	1	4	3	4		3	1	5	3	1									
1964	315							4	1		2		4		2	1	3	1	6	1	3	3	2	1	5	4	5	1	2								
1965	347							4	4		1		3	1	1		1	1	1																		
1966	302							1	1	1	1	2	1	1	1	3	4	1	5	3	2	2	1	3	7	4	7	6	3		1	1				1	
1967	360																			1			1	1	1	1											
1968	317																				1																
1969	365							1		1		2	2		2	2	4	2	6	3	3			5	2	2	4	4	1	1			1				
1970	361																																				
1971	319										1			2			9	4	4	5	7	3	2	3	1	1		2	1	1							
1972	343								1		1	1		2		1	1		3	1	1		1	2	1	2	1	1									
1973	314	1	1	2	2		1		1	1	2		5	3	2	1	1	4	6	5	2			4	1	2	2	1		1							
1974	343						1	1				2	2			1	1		3	2	1			1	2												
1975	356						1		1	1			3			1	1	1																			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	7924	12418	100.0	12	1.3	32	3603	29.0	24	180	61	229	2.3
1	0.01	1	4494	36.2	13	2.0	264	3571	28.0	25	270	65	290	1.8
2	0.02	1	4493	36.2	14	3.0	390	3307	26.6	26	400	47	164	1.3
3	0.03	2	4492	36.2	15	4.5	481	2917	23.5	27	610	51	117	.9
4	0.05	2	4490	36.2	16	6.8	531	2436	19.6	28	910	34	66	.5
5	0.07	0	4488	36.1	17	10.0	533	1905	15.3	29	1400	19	32	.2
6	0.10	138	4488	36.1	18	15.0	449	1372	11.0	30	2100	7	13	.1
7	0.20	154	4350	35.0	19	23.0	361	923	7.4	31	3100	4	6	
8	0.30	60	4196	33.8	20	35.0	84	562	4.5	32	4700		2	
9	0.40	167	4136	33.3	21	52.0	62	478	3.8	33	7000	2		
10	0.60	113	3969	32.0	22	79.0	64	416	3.3	34				
11	0.90	253	3856	31.1	23	120.0	62	352	2.8					

GILA RIVER BASIN

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09479500 GILA RIVER NEAR LAVERN, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1941	4.00 35	4.00 35	4.00 34	4.60 34	8.10 35	12.00 35	17.00 35	23.00 35	57.00 35
1942	3.00 33	3.00 33	3.10 33	3.70 33	4.30 33	4.80 32	7.20 33	8.10 33	9.90 32
1943	0.10 29	0.10 29	0.19 30	0.49 31	1.30 31	5.90 33	7.10 32	10.00 34	22.00 34
1944	4.00 34	4.00 34	4.10 35	4.90 35	5.60 34	6.60 34	7.30 34	7.70 32	13.00 33
1945	0.20 32	0.20 32	0.20 31	0.21 30	0.23 29	2.30 30	2.60 30	4.60 30	7.30 29
1946	0.10 30	0.10 30	1.00 32	1.10 32	1.70 32	2.30 31	3.90 31	5.40 31	8.20 31
1949	0.10 31	0.10 31	0.10 29	0.13 29	0.57 30	1.60 29	2.00 29	1.90 28	3.30 27
1950	0.00 1	0.00 1	0.00 1	0.00 1	0.15 28	1.10 28	1.19 27	1.40 27	2.40 25
1951	0.00 2	0.00 2	0.00 2	0.00 2	0.00 1	0.25 27	0.34 26	0.51 25	0.89 21
1952	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	0.04 25	0.04 25	0.46 24	3.30 26
1953	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3	0.17 26	1.60 28	2.30 29	3.40 28
1954	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.00 1	0.00 1	0.00 1	7.90 30
1955	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.00 2	0.00 2	0.00 2	0.07 18
1956	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	0.00 3	0.01 24	0.03 23	0.03 15
1957	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	0.00 4	0.00 3	0.01 22	0.03 16
1958	0.00 9	0.00 9	0.00 9	0.00 9	0.00 8	0.00 5	0.00 4	0.88 26	1.50 23
1959	0.00 10	0.00 10	0.00 10	0.00 10	0.00 9	0.00 6	0.00 5	0.00 3	0.00 1
1960	0.00 11	0.00 11	0.00 11	0.00 11	0.00 10	0.00 7	0.00 6	0.00 4	0.00 2
1961	0.00 12	0.00 12	0.00 12	0.00 12	0.00 11	0.00 8	0.00 7	0.00 5	0.00 3
1962	0.00 13	0.00 13	0.00 13	0.00 13	0.00 12	0.00 9	0.00 8	0.00 6	0.00 4
1963	0.00 14	0.00 14	0.00 14	0.00 14	0.00 13	0.00 10	0.00 9	0.00 7	2.20 24
1964	0.00 15	0.00 15	0.00 15	0.00 15	0.00 14	0.00 11	0.00 10	0.00 8	0.00 5
1965	0.00 16	0.00 16	0.00 16	0.00 16	0.00 15	0.00 12	0.00 11	0.00 9	0.01 14
1966	0.00 17	0.00 17	0.00 17	0.00 17	0.00 16	0.00 13	0.00 12	0.00 10	0.97 22
1967	0.00 18	0.00 18	0.00 18	0.00 18	0.00 17	0.00 14	0.00 13	0.00 11	0.00 6
1968	0.00 19	0.00 19	0.00 19	0.00 19	0.00 18	0.00 15	0.00 14	0.00 12	0.00 7
1969	0.00 20	0.00 20	0.00 20	0.00 20	0.00 19	0.00 16	0.00 15	0.00 13	0.00 8
1970	0.00 21	0.00 21	0.00 21	0.00 21	0.00 20	0.00 17	0.00 16	0.00 14	0.07 19
1971	0.00 22	0.00 22	0.00 22	0.00 22	0.00 21	0.00 18	0.00 17	0.00 15	0.00 9
1972	0.00 23	0.00 23	0.00 23	0.00 23	0.00 22	0.00 19	0.00 18	0.00 16	0.00 10
1973	0.00 24	0.00 24	0.00 24	0.00 24	0.00 23	0.00 20	0.00 19	0.00 17	0.69 20
1974	0.00 25	0.00 25	0.00 25	0.00 25	0.00 24	0.00 21	0.00 20	0.00 18	0.00 11
1975	0.00 26	0.00 26	0.00 26	0.00 26	0.00 25	0.00 22	0.00 21	0.00 19	0.00 12

09479500 GILA RIVER NEAR LAVERN, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1941	8700.0 1	4250.0 1	2080.0 1	1100.0 3	617.0 3	434.0 2	486.0 1	376.0 1	264.0 1
1942	650.0 23	444.0 20	222.0 22	118.0 22	72.0 21	50.0 20	43.0 15	37.0 12	29.0 12
1943	1340.0 8	647.0 12	290.0 16	174.0 14	95.0 18	83.0 11	59.0 10	45.0 10	34.0 8
1944	948.0 14	602.0 15	269.0 19	132.0 20	71.0 22	42.0 22	30.0 21	25.0 20	23.0 14
1945	1620.0 6	1200.0 7	625.0 7	315.0 7	173.0 8	88.0 10	59.0 11	45.0 11	32.0 9
1946	1200.0 9	735.0 10	350.0 13	173.0 15	91.0 19	60.0 16	42.0 16	32.0 16	23.0 15
1949	779.0 16	569.0 16	340.0 15	195.0 12	163.0 9	108.0 7	73.0 7	55.0 7	37.0 7
1950	1120.0 11	809.0 8	464.0 8	275.0 8	180.0 7	91.0 9	61.0 9	46.0 9	31.0 10
1951	838.0 15	606.0 14	273.0 18	133.0 19	107.0 15	62.0 15	42.0 17	31.0 17	21.0 18
1952	970.0 13	530.0 17	371.0 11	189.0 13	124.0 11	68.0 13	47.0 12	35.0 13	23.0 16
1953	342.0 26	145.0 27	63.0 27	41.0 26	32.0 26	16.0 26	12.0 26	9.4 26	8.0 25
1954	3780.0 4	3180.0 3	2040.0 2	1190.0 1	735.0 2	388.0 3	268.0 3	201.0 3	135.0 3
1955	2970.0 5	2190.0 4	1540.0 4	1100.0 2	1010.0 1	592.0 1	395.0 2	296.0 2	194.0 2
1956	23.0 31	11.0 31	4.9 31	2.6 31	1.7 31	1.2 31	0.8 31	0.6 31	0.4 31
1957	263.0 27	100.0 28	43.0 28	20.0 28	12.0 28	5.8 28	3.9 28	2.9 28	1.9 28
1958	749.0 19	366.0 22	165.0 23	152.0 17	104.0 16	69.0 12	47.0 13	35.0 14	24.0 13
1959	702.0 20	355.0 23	237.0 21	125.0 21	102.0 17	51.0 19	34.0 20	25.0 21	17.0 22
1960	1540.0 7	1310.0 6	685.0 6	341.0 6	276.0 6	138.0 6	104.0 6	78.0 6	51.0 6
1961	384.0 25	213.0 25	104.0 25	71.0 25	48.0 24	30.0 24	20.0 24	15.0 24	10.0 24
1962	774.0 17	498.0 18	245.0 20	115.0 23	58.0 23	36.0 23	24.0 23	18.0 23	12.0 23
1963	695.0 21	441.0 21	346.0 14	206.0 11	113.0 12	58.0 17	39.0 18	29.0 18	19.0 20
1964	690.0 22	458.0 19	286.0 17	147.0 18	111.0 14	92.0 8	62.0 8	47.0 8	31.0 11
1965	55.0 30	28.0 30	12.0 30	5.7 30	2.9 30	1.5 30	1.0 30	0.8 30	0.6 30
1966	7040.0 2	3580.0 2	1740.0 3	977.0 4	560.0 4	280.0 4	202.0 4	152.0 4	99.0 4
1967	205.0 28	147.0 26	72.0 26	34.0 27	17.0 27	8.4 27	5.6 27	4.2 27	2.8 27
1968	3850.0 3	2170.0 5	1240.0 5	683.0 5	342.0 5	181.0 5	144.0 5	108.0 5	71.0 5
1969	0.0 33	0.0 33	0.0 33	0.0 33	0.0 33	0.0 33	0.0 33	0.0 33	0.0 33
1970	97.0 29	36.0 29	16.0 29	7.3 29	3.6 29	1.8 29	1.2 29	0.9 29	0.7 29
1971	1030.0 12	757.0 9	423.0 10	226.0 9	129.0 10	67.0 14	45.0 14	34.0 15	22.0 17
1972	431.0 24	333.0 24	160.0 24	75.0 24	42.0 25	21.0 25	14.0 25	10.0 25	6.8 26
1973	1180.0 10	700.0 11	350.0 12	164.0 16	85.0 20	43.0 21	29.0 22	21.0 22	20.0 19
1974	768.0 18	608.0 13	445.0 9	212.0 10	113.0 13	56.0 18	38.0 19	28.0 19	18.0 21
1975	14.0 32	9.4 32	4.3 32	2.0 32	1.0 32	0.5 32	0.3 32	0.3 32	0.2 32

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
6.97	6.21	37.1	31.3	18.0	22.0	3.72	2.37	1.13	20.3	95.9	18.5
274	206	10360	9806	2062	8096	58.0	26.9	6.33	2225	33120	867
16.6	14.4	102	99.0	45.4	90.0	7.61	5.19	2.52	47.2	182	29.5
3.50	3.96	3.75	4.97	4.71	5.70	2.98	3.20	3.18	3.82	3.45	1.72
2.38	2.31	2.74	3.17	2.52	4.09	2.04	2.19	2.24	2.33	1.90	1.59
2.65	2.36	14.1	11.9	6.83	8.35	1.41	0.90	0.43	7.70	36.4	7.02

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
22.2	1083	32.9	3.04	1.48	0.084

GILA RIVER BASIN

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09480000 SANTA CRUZ RIVER NEAR LOCHIEL, AZ

LOCATION.--Lat 31°21'19", long 110°35'20", in SW¼ sec.11, T.24 S., R.17 E. (unsurveyed), Santa Cruz County, Hydrologic Unit 15050301, on southern border of Spanish land grant of San Rafael, near left bank on downstream side of pier of bridge on county road, 1.7 mi (2.7 km) upstream from international boundary and 2.5 mi (4.0 km) northeast of Lochiel.

DRAINAGE AREA.--82.2 mi² (212.9 km²).

WATER YEAR	ANNUAL PEAK DISCH, CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK, FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1949	1650	09-13-49	5.75	1950	5880
1950	4520	07-30-50	6.75	1951	1770
1951	2560	08-02-51	5.65	1952	609
1952	550	08-16-52	3.71	1953	2350
1953	3320	07-14-53	6.05	1954	2680
1954	1570	07-22-54	4.69	1955	12200
1955	4300	08-06-55	8.30	1956	946
1956	1360	07-17-56	4.70	1957	629
1957	688	08-09-57	3.71	1958	678
1958	380	08-07-58	4.89	1959	841
1959	243	08-14-59	4.40	1960	504
1960	625	07-30-60	4.98	1961	847
1961	1120	08-08-61	5.65	1962	226
1962	8	07-29-62	2.21	1963	2460
1963	2390	08-25-63	6.48	1964	5970
1964	2330	09-09-64	6.44	1965	1940
1965	4810	09-12-65	8.90	1966	3950
1966	1780	08-18-66	5.71	1967	2260
1967	1870	08-03-67	5.84	1968	1670
1968	986	12-20-67	4.53	1969	902
1969	484	08-05-69	4.79	1970	631
1970	880	08-03-70	6.04	1971	2070
1971	2830	08-10-71	7.11	1972	1020
1972	2070	07-16-72	6.51	1973	581
1973	1490	06-30-73	6.00	1974	1200
1974	1730	08-04-74	6.23	1975	1370
1975	3330	07-22-75	9.13		

DISCHARGE, IN CUBIC FEET PER SECOND DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
													NUMBER	OF	DAYS	IN	CLASS																			
1950	104						81	66	14	8	3	1	1	3	8	13	8	7	10	8	10	5		4	5			1		3		1	1			
1951	52						33	48	23	27	38	48	12	6	19	10	19	10	12	2	2		2		1						1					
1952	69						48	26	16	16	33	98	36	6	9	1	3			2	1	1	1								1					
1953	162						109	65	2	5	5	1		1	2				1	2	3		1		1	1		2		1	1					
1954	226						45	9	9	2	5	8	6	5	4	4	7	5	6	3	1	4	5		4	3	2	1	1							
1955	120						31	4	16	44	62	18	2	1	1	1	1	1		2	15	17	4		6	4		4	1	3	3	3	1			
1956	110						43	31	12	1	28	29	47	22	2	6	25	3		1	3	1	1		1											
1957	193						47	85	20		10	1			1	1				1	2	1		1	1	1										
1958	123						126	45	8	3	6	1	7	7	12	8	6	2	2	2	1	4	2													
1959	83						35	8	13	14	38	62	61	17	18	6	1	2	2	1	1	1		1	1											
1960	116						25	21	4		45	109	23	16	2		1		1	1	1		1													
1961	100						53	120	32	8	4	5	5	6	9	10	1	2		2	3	2	1	1			1									
1962	135						37	9	18	30	64	63	8	1							6	5	3	2	1											
1963	269						23								2	2	4	17	19	5	6	5	3	2	1	5		1		1						
1964	59	10	5	19	8	1	12	36	31	31	32	24	13	11	8	2	5	3	11	28	2	2	3	1	1	1	1	3	2		3					
1965	38						27	33	19	32	64	39	31	8	17	17	7	17	9	3		1	1				1									
1966	60						16	23	33	18	7	10	14	12	26	43	45	19	24	5		2	3	2												
1967	7						4	2	1	3	4	8	38	38	23	30	27	64	39	24	4	2		2	1			1	1							
1968	10	1	1	1	2	3	10	7	7	10	37	62	61	55	44	45	5	2	1			1														
1969	19	3	4	8	12	9	54	38	23	10	63	46	25	10	13	6	9	6		3	1		2	1												
1970	50						25	25	29	31	65	62	68	3	1	2		1	1					1	1											
1971																																				
1972	18	2	5	19	19	17	26	32	47	45	49	30	1	1	14	17	5	3	1	3	1	2	2	2			1	1	2							
1973							30	91	27	31	23	56	36	20	13	20	14	2	1					1												
1974	2	1					11	35	44	133	41	67	10	4	2					2	1	1														
1975	25	8	9	25	19	23	77	76	58	22	2		1	1	1	5	2	1	1		3	2	1													
	35	4	2	12	9	5	69	112	29	23	45	4	1	1	3	1		3	1	2	1			1												

GILA RIVER BASIN

09480000 SANTA CRUZ RIVER NEAR LOCHIEL, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--Continued

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2185	9496	100.0	12	1.0	490	2048	21.6	24	54	27	94	.9
1	0.01	29	7311	77.0	13	1.4	281	1558	16.4	25	76	16	67	.7
2	0.02	30	7282	76.7	14	2.0	268	1277	13.4	26	110	14	51	.5
3	0.03	90	7252	76.4	15	2.8	248	1009	10.6	27	150	9	37	.3
4	0.05	73	7162	75.4	16	3.8	195	761	8.0	28	200	10	28	.2
5	0.07	72	7089	74.7	17	5.3	127	566	6.0	29	280	11	18	.1
6	0.10	1121	7017	73.9	18	7.4	89	439	4.6	30	400	5	7	
7	0.20	1062	5896	62.1	19	10.0	64	350	3.7	31	550	2	2	
8	0.30	661	4834	50.9	20	14.0	84	286	3.0	32				
9	0.40	490	4173	43.9	21	20.0	50	202	2.1	33				
10	0.50	818	3683	38.8	22	28.0	32	152	1.6	34				
11	0.70	817	2865	30.2	23	39.0	26	120	1.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1950	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.01 11	0.03 12	0.04 6	0.10 7
1951	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.04 19	0.15 19	0.19 20	0.25 15
1952	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.04 20	0.06 15	0.17 18	0.31 18
1953	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 1	0.03 13	0.07 10	0.08 5
1954	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 2	0.00 1	0.01 2	0.05 3
1955	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 3	0.00 2	0.01 3	0.10 6
1956	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 4	0.02 8	0.07 11	0.26 16
1957	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 5	0.03 9	0.08 12	0.14 10
1958	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.01 12	0.03 10	0.05 8	0.08 4
1959	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.02 13	0.03 11	0.10 15	0.28 17
1960	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 6	0.01 5	0.09 13	0.40 22
1961	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 7	0.01 6	0.04 7	0.12 8
1962	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 8	0.01 7	0.01 4	0.04 2
1963	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 9	0.00 3	0.00 1	0.01 1
1964	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 10	0.01 4	0.04 5	0.13 9
1965	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.05 21	0.18 20	0.26 22	0.41 23
1966	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.03 15	0.53 26	0.99 27	1.90 27
1967	0.00 18	0.00 18	0.00 18	0.02 25	0.12 24	0.26 26	0.31 25	0.36 25	0.61 25
1968	0.00 19	0.00 19	0.00 19	0.01 23	0.12 25	0.31 27	0.54 27	0.82 26	0.99 26
1969	0.00 20	0.00 20	0.00 20	0.00 18	0.06 23	0.19 24	0.19 22	0.24 21	0.39 21
1970	0.00 21	0.00 21	0.00 21	0.00 19	0.01 20	0.09 22	0.18 21	0.19 19	0.33 19
1971	0.00 22	0.00 22	0.00 22	0.00 20	0.01 21	0.03 16	0.07 16	0.10 14	0.19 13
1972	0.15 27	0.15 27	0.15 27	0.17 27	0.20 27	0.21 25	0.28 24	0.32 24	0.49 24
1973	0.00 23	0.00 23	0.02 26	0.06 26	0.13 26	0.17 23	0.23 23	0.31 23	0.35 20
1974	0.00 24	0.00 24	0.00 23	0.01 24	0.02 22	0.03 17	0.04 14	0.07 9	0.16 11
1975	0.00 25	0.00 25	0.00 24	0.00 21	0.00 18	0.02 14	0.08 17	0.12 16	0.16 12

GILA RIVER BASIN

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09480000 SANTA CRUZ RIVER NEAR LOCHIEL, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1950	552.0 2	249.0 2	141.0 3	121.0 2	84.0 2	48.0 2	33.0 2	24.0 3	16.0 3
1951	291.0 8	120.0 9	55.0 12	31.0 11	17.0 11	12.0 9	8.1 10	6.1 10	4.1 10
1952	37.0 24	17.0 23	12.0 21	7.6 22	4.1 22	2.2 24	1.4 24	1.1 24	0.9 23
1953	353.0 5	244.0 4	116.0 5	66.0 5	38.0 5	19.0 7	13.0 7	9.7 7	6.4 7
1954	160.0 14	79.0 13	58.0 10	42.0 7	32.0 6	22.0 5	15.0 5	11.0 5	7.3 5
1955	709.0 1	404.0 1	297.0 1	199.0 1	171.0 1	98.0 1	68.0 1	51.0 1	33.0 1
1956	60.0 19	34.0 19	18.0 18	9.1 20	5.5 19	3.6 20	2.8 19	2.2 19	1.7 18
1957	85.0 17	36.0 18	23.0 15	15.0 15	9.3 15	4.7 17	3.1 18	2.4 18	1.6 19
1958	31.0 25	17.0 24	11.0 23	8.0 21	5.1 20	4.3 18	3.5 17	2.7 17	1.8 17
1959	55.0 20	39.0 15	22.0 16	11.0 16	6.2 18	3.6 19	2.6 20	1.9 21	1.3 22
1960	38.0 23	13.0 25	5.6 25	3.0 25	2.5 25	1.3 25	1.1 25	1.0 25	0.9 24
1961	94.0 16	38.0 16	19.0 17	11.0 17	8.2 16	5.7 15	4.2 15	3.1 15	2.1 15
1962	1.7 26	1.2 26	1.0 26	0.8 26	0.7 26	0.7 26	0.7 26	0.7 26	0.6 26
1963	206.0 10	134.0 7	63.0 7	35.0 8	26.0 8	19.0 6	14.0 6	10.0 6	6.7 6
1964	397.0 4	235.0 5	144.0 2	75.0 3	59.0 3	45.0 3	32.0 3	24.0 2	16.0 2
1965	344.0 6	128.0 8	56.0 11	26.0 12	13.0 13	8.4 12	5.9 14	4.5 14	3.0 13
1966	430.0 3	248.0 3	138.0 4	69.0 4	41.0 4	23.0 4	16.0 4	12.0 4	8.3 4
1967	180.0 13	101.0 11	62.0 8	33.0 10	19.0 9	11.0 10	8.4 9	6.4 9	4.3 9
1968	299.0 7	102.0 10	45.0 13	22.0 13	12.0 14	7.8 14	6.1 13	5.0 12	3.7 11
1969	48.0 22	21.0 21	12.0 22	11.0 18	7.5 17	5.4 16	4.0 16	3.0 16	2.1 16
1970	54.0 21	19.0 22	8.4 24	6.6 24	4.1 23	2.3 23	1.6 23	1.2 23	0.9 25
1971	193.0 11	82.0 12	60.0 9	47.0 6	28.0 7	16.0 8	10.0 8	7.9 8	5.2 8
1972	102.0 15	36.0 17	16.0 19	7.4 23	4.1 24	3.1 21	2.5 21	2.1 20	1.6 20
1973	80.0 18	27.0 20	12.0 20	9.1 19	4.9 21	2.9 22	2.2 22	1.7 22	1.3 21
1974	191.0 12	65.0 14	40.0 14	20.0 14	14.0 12	8.1 13	6.2 12	4.6 13	3.0 14
1975	268.0 9	161.0 6	71.0 6	34.0 9	19.0 10	10.0 11	6.9 11	5.2 11	3.5 12

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.37	0.70	1.10	0.73	0.68	0.55	0.33	0.14	0.15	7.96	16.2	5.17
3.77	0.60	4.75	0.68	0.96	0.69	0.27	0.04	0.30	210	1013	82.4
1.94	0.77	2.18	0.83	0.98	0.83	0.52	0.20	0.54	14.5	31.8	9.08
1.89	1.58	4.41	2.56	3.33	3.49	3.37	2.30	4.94	3.44	4.19	3.42
1.41	1.10	1.99	1.13	1.44	1.50	1.58	1.41	3.53	1.82	1.96	1.76
3.91	2.00	3.12	2.09	1.94	1.58	0.94	0.41	0.44	22.7	46.2	14.7

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
2.98	12.3	3.51	2.88	1.17	0.074

GILA RIVER BASIN

09480500 SANTA CRUZ RIVER NEAR NOGALES, AZ

LOCATION.--Lat 31°20'40", long 110°51'03", in NW¼ sec.18, T.24 S., R.15 E. (unsurveyed), Santa Cruz County, Hydrologic Unit 15050301, in Spanish land grant of Maria Santisima del Carmen, on left bank 0.8 mi (1.3 km) downstream from international boundary and 5.5 mi (8.8 km) east of Nogales.

DRAINAGE AREA.--533 mi² (1,380 km²), of which 348 mi² (901 km²) is in Mexico.

WATER YEAR	ANNUAL PEAK DISCH.,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT.FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1930	5400	08-07-30	8.55				1914	13100
1931	4150	08-04-31	7.45				1917	13800
1932	6400	07-08-32	9.5				1918	4390
1933	1900	09-19-33	5.5				1919	13000
1934	5900	08- -	9.0				1931	39300
1935	12000	08-31-35	12.3				1932	31600
1936	4050	08-09-36	7.34				1933	6880
1937	2400	08-16-37	6.80	NM	7.10	08-22-37	1936	14600
1938	2200	07-28-38	7.45				1937	16100
1939	7010	08-13-39	10.3				1938	8240
1940	1800	08-04-40	6.80				1939	18400
1941	1980	07-21-41	7.0				1940	9660
1942	8200	07-08-42	10.9				1941	6560
1943	5300	07-30-43	9.45				1942	8040
1944	4700	08-15-44	9.15				1943	9510
1945	3290	07-30-45	8.35				1944	3320
1946	7200	07-26-46	12.03				1945	4940
1947	2550	08-29-47	7.05				1946	16300
1948	3410	08-01-48	7.9				1947	5320
1949	6350	09-14-49	10.5				1948	8720
1950	7210	07-20-50	11.16				1949	14000
1951	3040	08-03-51	7.95				1950	20100
1952	2330	07-29-52	7.02				1951	4810
1953	3500	07-14-53	8.25				1952	5530
1954	10600	07-10-54	13.27				1953	5240
1955	11100	08-20-55	13.71				1954	29800
1956	2530	06-28-56	6.63				1955	56000
1957	1620	08-18-57	5.75				1956	6910
1958	4000	08-13-58	9.64				1957	5250
1959	2640	08-06-59	8.10				1958	19800
1960	2760	01-11-60	8.02				1959	15100
1961	1640	08-15-61	6.69				1960	25700
1962	2390	08-19-62	7.62				1961	6140
1963	4510	07-10-63	9.15				1962	15400
1964	5630	08-14-64	10.38				1963	16300
1965	1580	09-13-65	6.51				1964	27000
1966	4400	08-20-66	9.40				1965	5550
1967	6310	07-27-67	11.40				1966	69000
1968	15200	12-20-67	13.5				1967	10600
1969	4460	08-02-69	8.41				1968	44100
1970	4100	08-16-70	9.10				1969	13300
1971	2930	08-20-71	7.92				1970	11300
1972	738	10-24-71	5.29				1971	17100
1973	2300	02-22-73	7.22				1972	7810
1974	17100	08-01-74	12.94				1973	20100
1975	11400	07-22-75	10.76				1974	16300
							1975	20600

NM Not maximum gage height for water year.

GILA RIVER BASIN

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09480500 SANTA CRUZ RIVER NEAR NOGALES, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1931	32							57		35	23	12	57	16	6	17	11	6	12	12	11	16	11	6	6	4	4	6	4	1					
1932	30							15		12	8	9	13	23	11	11	34	79	33	47	10	10	6	5	3	2	2		1	1		1			
1933	51							47		29	14	6	42	39	40	25	37	15	9	5	3	3													
1936	13	4	15	6	8	9	2	30		12	10	5	39	22	49	64	37	15	4	4	4	3	1	4	2		1	3							
1937	32	8	10	4	10	23	4	37		25	14	11	49	33	17	16	16	12	4	5	7	7	4	5	7	2	3								
1938	42	6	14	3	17	26	5	15		12	7	17	59	65	21	13	15	5	5	3	3	2	6	1	2	1									
1939	51	16	10	11	3	27	13	41		26	9	12	24	32	23	10	2	6	8	11	5	2	4	5	4	6	2	1		1					
1940	41	2	8	2	27	9	8	31		15	2	12	29	50	55	27	13	8	4	4	5	4	3	2	5										
1941	37	8	15	5	12	9	7	42		60	8	15	22	26	24	38	10	7	5	1	4	3	6	1											
1942	46	9	4	1	14	16	45	57		39	24	37	23	12	5	6	2	6	2	3	3	1	2	1	1	1	1	2							
1943	48	10	8	17	31	5	11	26		106	29	21	5	4	2	1	5	3	7	6	7	2	3	6	2										
1944	55	22	24	13	15	9	20	38		63	23	19	25	11	7	7	2	5	3	1	2	1													
1945	59	24	27	5	6	11	4	38		24	30	53	40	15	8	2	5	2	2	2	2		2	1	2	1									
1946	46	3	7	5	8	14	50	37		14	24	39	56	13	2	2	6	6	5	2	4	3	6	3	2	1	1	4	2						
1947	51	5	10	3	4	9	1	18		19	38	28	40	81	33	5	3	1	1	3	3	3	2	1	2	1									
1948	54	14	34	16	10	32	24	45		24	45	23	6	7	2	1	2	1	6	1	2	1	5	5	1	2	2		1						
1949				5	28	21	18	50		14	48	13	34	36	11	11	12	11	7	8	8	9	5	5	3	4	2	1	1						
1950					5	19	35			25	23	12	115	73	5	6	4	2	6	5	3	6	4	3	2	3	2	2	2	1	1	1			
1951		7	2	8	29	83	21	17		16	22	57	26	42	16	4	2	2	3	3	1		1	1	1			1							
1952		4	4	16	16	48	14	45		15	30	21	53	24	25	8	10	4	8	5	5	6	2	2		1									
1953			3	27	4	11	14	67		15	46	24	79	35	12	8	3	2	1	2	5	1	1	2	2			1							
1954	3	13	11	23	18	44	30	87		25	11	5	4	6	4	4	5	4	3	11	11	3	4	5	8	8	6	4	2		2		1		
1955		3	36	20		7	1	3		7	18	8	27	94	53	6	5	4	4	6	5	11	9	5	5	4	6	4	3	3	2	3	1	2	
1956		12	6	2	10	31	11	16		14	21	23	19	24	45	61	15	38	4	2	4	1	2	2	3										
1957	25	19	41	16	5	19	12	37		43	24	24	52	29	3	1	1	1	1	1	1	2	3	3		1	1								
1958		1	38	19	21	20	27	23		12	19	31	49	15	8	6	3	1	1	11	10	15	12	6	5	4	5	1		2					
1959		3	23	24	3	5	9	6		2	5	4	6	31	61	72	29	24	14	9	7	5	6	4	7	3	2	1							
1960			5	15	19	21	6	17		5	17	12	31	16	36	25	26	32	7	16	14	14	5	6	9	4	4	2			1	1			
1961		4	5	2	25	14	16	14		10	24	60	17	87	35	7	2	2		7	7	4	1	2	3	1									
1962	26	4	6	47	21	10	14	28		3	5	5	1	20	38	8	31	55	13	4	7	3	2	3	3		1	3			2				
1963	35	37	16	23	36	28	17	49		6	31	19	1	2	2	5	3	5	5	4	8	8	8	3	3	3	2	3	1	2					
1964	34	11	6	5	4	26	21	26		8	15	58	77	1	3		3	15	10	8	6	3	4	6	5	3	4	2		1					
1965	61	20	24	11	13	8	1	2		1	6	2	9	25	36	70	35	24	10	3	1	1	1												
1966	68	19	27	5	3	6	1	2		1	1	6	5	11	5	10	10	7	13	33	24	27	21	14	6	9	9	7	4	4	3	3		1	
1967	5	12	5	9	6	7	6	12		7	32	10	9	26	34	48	44	40	26	10	8	4	2	1	1			1							
1968	19	9	4	3	7	23	5	4		7	18	23	36	17	10	15	22	10	19	50	28	11	6	3	4	2	2	1	3	1	2			1	1
1969	20	5	34	4	6	25	13	16		11	11	13	40	73	20	9	8	3	5	9	8	9	6	5	6	2	3	1							
1970	31	12	16	4	3	3	3	8		2	16	33	31	63	55	28	9	7	10	6	5	6	7	2	1	1	1	1		1					
1971	56	10	3	5	5	9	5	9		9	4	23	49	100	11	15	7	3	4	3	7	3	1	5	5	5	6	1		2					
1972	44	15	13	8	4	6	6	10		18	11	14	18	36	15	25	35	49	19	8	5	3	1	2											
1973	84	8	16	4	6	10	2	7		6	12	26	55	49	5	9	7	8	12	7	6	7	5	3	1	1	1	2	3	1	2				
1974	289	3	2	2	4	5	1	7		1	4	2	2	8	3	3	4	5	2	5	2	4			1			1	1	1	1			2	
1975	40	10	8	2	38	20	19	17		30	105	6	7	15	2	4	5	9	2	6	4	3	2	1		2	3		1	1	2				1

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1536	15706	100.0	12	4.5	1486	6417	40.9	24	200	105	357	2.2
1	0.10	373	14170	90.2	13	6.2	938	4931	31.4	25	280	85	252	1.6
2	0.20	537	13797	87.8	14	8.5	744	3993	25.4	26	380	56	167	1.0
3	0.30	423	13260	84.4	15	12.0	583	3249	20.7	27	520	40	111	.7
4	0.40	488	12837	81.7	16	16.0	552	2666	17.0	28	720	29	71	.4
5	0.50	716	12349	78.6	17	22.0	394	2114	13.5	29	980	22	42	.2
6	0.70	504	11633	74.1	18	30.0	348	1720	11.0	30	1400	8	20	.1
7	0.90	1190	11129	70.9	19	41.0	317	1372	8.7	31	1900	5	12	
8	1.30	370	9939	63.3	20	57.0	234	1055	6.7	32	2500	5	7	
9	1.70	1144	9569	60.9	21	78.0	187	821	5.2	33	3500	2	2	
10	2.40	825	8425	53.6	22	110.0	151	634	4.0	34				
11	3.30	1183	7600	48.4	23	150.0	126	483	3.1					

GILA RIVER BASIN

09480500 SANTA CRUZ RIVER NEAR NOGALES, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1914	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.23 2
1917	0.50 47	0.50 47	0.50 47	0.50 47	0.77 47	1.10 45	1.50 37	2.20 35	5.30 37
1918	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.35 4	1.60 4
1919	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.32 3	2.60 16
1931	0.00 4	0.00 4	0.00 4	0.00 4	0.13 31	0.73 41	2.00 45	3.60 45	26.00 47
1932	0.00 5	0.00 5	0.00 5	0.00 5	0.10 29	0.98 43	3.30 47	7.30 47	23.00 46
1933	0.00 6	0.00 6	0.00 6	0.00 6	0.20 34	0.72 40	1.90 42	2.30 36	4.00 29
1936	0.00 7	0.00 7	0.00 7	0.01 33	0.12 30	0.43 28	1.50 38	2.70 40	6.00 41
1937	0.00 8	0.00 8	0.00 8	0.00 7	0.01 21	0.12 17	0.53 19	1.80 30	5.50 41
1938	0.00 9	0.00 9	0.00 9	0.00 8	0.06 26	0.27 23	0.29 11	0.56 6	2.30 13
1939	0.00 10	0.00 10	0.00 10	0.00 9	0.00 4	0.05 11	0.23 6	0.74 9	2.60 17
1940	0.00 11	0.00 11	0.00 11	0.00 10	0.00 5	0.09 15	0.29 12	1.30 24	6.70 42
1941	0.00 12	0.00 12	0.00 12	0.00 11	0.00 6	0.51 32	1.10 32	2.80 42	8.30 43
1942	0.00 13	0.00 13	0.00 13	0.00 12	0.00 7	0.03 9	0.43 16	1.19 20	2.30 14
1943	0.00 14	0.00 14	0.00 14	0.00 13	0.00 8	0.02 6	0.53 20	0.86 12	1.60 7
1944	0.00 15	0.00 15	0.00 15	0.00 14	0.00 9	0.06 12	0.23 7	1.00 16	3.00 24
1945	0.00 16	0.00 16	0.00 16	0.00 15	0.00 10	0.04 10	0.33 13	0.98 14	2.10 11
1946	0.00 17	0.00 17	0.00 17	0.00 16	0.00 11	0.16 21	0.38 14	0.88 13	1.70 6
1947	0.00 18	0.00 18	0.00 18	0.00 17	0.03 24	1.40 48	1.70 39	1.90 32	2.80 19
1948	0.00 19	0.00 19	0.00 19	0.00 18	0.00 12	0.02 7	0.23 8	0.69 8	1.19 5
1949	0.30 46	0.30 46	0.36 46	0.40 46	0.42 43	0.49 30	1.00 31	2.70 41	13.00 45
1950	0.60 48	0.60 48	0.66 48	0.71 48	0.91 48	1.30 46	1.80 40	2.40 37	3.20 27
1951	0.10 38	0.10 38	0.10 39	0.19 38	0.34 41	0.56 35	1.40 34	1.80 31	2.80 20
1952	0.10 39	0.10 39	0.14 40	0.32 45	0.46 45	0.65 39	0.88 28	2.10 33	5.10 36
1953	0.20 45	0.23 45	0.26 45	0.28 43	0.43 44	0.82 42	1.90 43	2.60 39	4.00 30
1954	0.00 20	0.03 36	0.06 36	0.11 35	0.22 37	0.52 34	0.66 24	0.75 10	5.00 35
1955	0.10 40	0.13 42	0.17 41	0.19 39	0.20 35	0.27 24	0.62 23	1.30 21	3.00 25
1956	0.10 41	0.10 40	0.10 37	0.11 36	0.29 40	1.30 47	2.00 44	2.90 43	4.80 33
1957	0.00 21	0.00 20	0.00 20	0.00 19	0.16 32	0.59 36	0.85 27	1.50 26	2.40 15
1958	0.10 42	0.17 43	0.19 42	0.19 40	0.27 39	0.44 29	0.79 25	1.50 27	3.90 28
1959	0.10 43	0.10 41	0.19 43	0.20 41	0.22 36	0.37 26	1.19 33	2.20 34	4.20 31
1960	0.20 44	0.20 44	0.24 44	0.31 44	0.35 42	0.60 37	1.50 35	2.50 38	5.40 38
1961	0.00 22	0.03 37	0.10 38	0.21 42	0.26 38	0.38 27	0.83 26	1.70 29	2.90 21
1962	0.00 23	0.00 21	0.00 21	0.00 20	0.06 27	0.27 25	0.47 18	1.30 22	3.10 26
1963	0.00 24	0.00 22	0.00 22	0.00 21	0.01 22	0.18 22	0.27 10	0.43 5	0.94 3
1964	0.00 25	0.00 23	0.00 23	0.00 22	0.00 13	0.13 20	0.55 21	1.30 23	1.90 10
1965	0.00 26	0.00 24	0.00 24	0.00 23	0.00 14	0.12 18	0.93 30	1.50 28	2.70 18
1966	0.00 27	0.00 25	0.00 25	0.00 24	0.00 15	0.02 8	2.10 46	5.80 46	37.00 48
1967	0.00 28	0.00 26	0.03 35	0.06 34	0.19 33	0.62 38	1.80 41	3.20 44	5.50 39
1968	0.00 29	0.00 27	0.01 34	0.16 37	0.50 46	1.10 44	4.20 48	10.00 48	12.00 44
1969	0.00 30	0.00 28	0.00 26	0.00 25	0.05 25	0.13 19	0.38 15	0.99 15	2.30 12
1970	0.00 31	0.00 29	0.00 27	0.00 26	0.10 28	0.51 33	0.89 29	1.40 25	2.90 22
1971	0.00 32	0.00 30	0.00 28	0.00 27	0.00 16	0.01 5	0.14 5	0.67 7	1.70 9
1972	0.00 33	0.00 31	0.00 29	0.00 28	0.01 23	0.11 16	0.57 22	1.10 17	2.90 23
1973	0.00 34	0.00 32	0.00 30	0.00 29	0.00 17	0.50 31	1.50 36	1.19 18	4.90 34
1974	0.00 35	0.00 33	0.00 31	0.00 30	0.00 18	0.00 4	0.00 4	0.00 2	0.00 1
1975	0.00 36	0.00 34	0.00 32	0.00 31	0.00 19	0.08 14	0.44 17	0.80 11	1.10 4

09480500 SANTA CRUZ RIVER NEAR NOGALES, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1931	1240.0 12	766.0 12	713.0 7	488.0 4	308.0 5	229.0 4	164.0 4	123.0 4	82.0 4
1932	2140.0 7	937.0 11	462.0 13	244.0 17	144.0 18	106.0 17	75.0 17	61.0 17	49.0 12
1933	100.0 43	86.0 43	61.0 42	45.0 42	33.0 40	26.0 37	23.0 34	19.0 31	15.0 32
1936	656.0 23	507.0 17	260.0 19	149.0 24	135.0 19	76.0 22	54.0 22	41.0 22	28.0 22
1937	517.0 27	353.0 24	245.0 21	216.0 18	171.0 17	100.0 18	72.0 18	54.0 19	36.0 19
1938	305.0 35	153.0 37	109.0 34	81.0 34	55.0 33	48.0 28	32.0 28	24.0 29	16.0 29
1939	1130.0 13	635.0 15	418.0 14	321.0 12	204.0 15	139.0 11	95.0 12	71.0 12	47.0 13
1940	273.0 38	190.0 33	131.0 33	89.0 32	63.0 30	37.0 30	25.0 31	19.0 32	15.0 30
1941	167.0 42	128.0 38	73.0 40	46.0 41	40.0 38	22.0 40	16.0 42	14.0 39	12.0 36
1942	607.0 25	362.0 23	216.0 23	115.0 26	73.0 27	55.0 27	38.0 27	29.0 27	19.0 27
1943	376.0 31	242.0 29	141.0 32	95.0 30	89.0 25	66.0 24	48.0 25	37.0 25	24.0 25
1944	373.0 32	173.0 36	93.0 36	50.0 39	28.0 42	16.0 43	10.0 43	7.9 43	6.8 43
1945	361.0 33	242.0 30	150.0 31	99.0 27	55.0 31	28.0 36	19.0 35	14.0 40	10.0 41
1946	817.0 20	572.0 16	366.0 15	289.0 13	213.0 12	127.0 15	86.0 15	65.0 15	43.0 16
1947	281.0 37	177.0 35	87.0 38	55.0 37	39.0 39	24.0 39	18.0 38	14.0 41	9.9 42
1948	805.0 21	323.0 25	259.0 20	200.0 19	126.0 21	65.0 26	46.0 26	34.0 26	23.0 26
1949	916.0 15	401.0 20	188.0 25	98.0 28	85.0 26	66.0 25	51.0 23	39.0 23	26.0 23
1950	1470.0 10	1010.0 9	646.0 11	454.0 6	271.0 8	151.0 10	102.0 10	76.0 11	51.0 10
1951	653.0 24	310.0 26	158.0 30	86.0 33	47.0 36	29.0 34	19.0 36	15.0 35	11.0 40
1952	295.0 36	123.0 39	68.0 41	46.0 40	41.0 37	25.0 38	18.0 39	14.0 42	12.0 37
1953	526.0 26	303.0 28	163.0 28	91.0 31	55.0 32	28.0 35	19.0 37	15.0 36	12.0 38
1954	1920.0 8	1140.0 8	694.0 9	420.0 9	336.0 4	224.0 5	155.0 5	117.0 5	80.0 5
1955	2810.0 4	2060.0 2	1330.0 2	864.0 2	769.0 1	440.0 1	300.0 1	225.0 1	148.0 1
1956	188.0 41	105.0 41	85.0 39	57.0 36	32.0 41	20.0 41	16.0 40	14.0 37	11.0 39
1957	484.0 28	231.0 31	160.0 29	118.0 25	64.0 31	34.0 31	23.0 32	18.0 33	13.0 33
1958	859.0 17	484.0 18	331.0 17	255.0 16	187.0 16	137.0 12	102.0 11	77.0 10	51.0 11
1959	418.0 30	225.0 32	186.0 26	160.0 22	131.0 20	88.0 21	62.0 21	46.0 21	31.0 21
1960	1830.0 9	1170.0 7	698.0 8	429.0 8	278.0 7	169.0 7	120.0 7	96.0 7	66.0 7
1961	204.0 39	115.0 40	89.0 37	51.0 38	48.0 34	34.0 32	23.0 33	17.0 34	12.0 34
1962	1060.0 14	638.0 14	346.0 16	185.0 21	103.0 24	98.0 19	71.0 19	57.0 18	41.0 18
1963	825.0 19	642.0 13	470.0 12	278.0 14	209.0 13	129.0 14	89.0 14	67.0 14	44.0 15
1964	3410.0 3	1390.0 6	751.0 5	436.0 7	285.0 6	210.0 6	145.0 6	109.0 6	72.0 6
1965	192.0 40	89.0 42	38.0 43	22.0 43	21.0 43	18.0 42	16.0 41	14.0 38	12.0 35
1966	2640.0 5	1650.0 4	1010.0 3	648.0 3	373.0 3	255.0 3	215.0 2	169.0 2	113.0 2
1967	891.0 16	372.0 22	181.0 27	98.0 29	63.0 29	39.0 29	27.0 30	20.0 30	15.0 31
1968	6160.0 1	3300.0 1	1800.0 1	947.0 1	502.0 2	269.0 2	208.0 3	167.0 3	112.0 3
1969	454.0 29	304.0 27	206.0 24	154.0 23	116.0 22	94.0 20	65.0 20	49.0 20	33.0 20
1970	849.0 18	396.0 21	239.0 22	194.0 20	111.0 23	72.0 23	49.0 24	37.0 24	25.0 24
1971	773.0 22	469.0 19	294.0 18	277.0 15	205.0 14	126.0 16	85.0 16	64.0 16	42.0 17
1972	320.0 34	181.0 34	107.0 35	74.0 35	48.0 35	34.0 33	28.0 29	24.0 28	18.0 28
1973	1280.0 11	943.0 10	690.0 10	381.0 11	262.0 9	153.0 9	104.0 9	79.0 9	53.0 9
1974	2320.0 6	1490.0 5	746.0 6	413.0 10	253.0 10	132.0 13	91.0 13	68.0 13	45.0 14
1975	3500.0 2	1780.0 3	973.0 4	461.0 5	253.0 11	164.0 8	112.0 8	84.0 8	55.0 8

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
6.83	5.49	27.4	20.7	19.5	14.6	4.08	1.11	1.22	44.9	104	26.3
99.0	40.4	7335	2153	1362	1078	20.4	1.16	8.81	2866	17180	1208
9.95	6.36	85.6	46.4	36.9	32.8	4.52	1.07	2.97	53.5	131	34.8
1.93	1.62	4.47	4.30	3.65	4.92	2.72	1.89	4.13	2.43	3.02	1.86
1.46	1.16	3.12	2.24	1.90	2.26	1.11	0.97	2.44	1.19	1.27	1.32
2.48	1.99	9.95	7.51	7.06	5.28	1.48	0.40	0.44	16.3	37.6	9.55

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
23.0	371	19.3	2.06	0.84	-0.046

09481500 SONOITA CREEK NEAR PATAGONIA, AZ

LOCATION.--Lat 31°29'59", long 110°49'03", in SE¼SW¼ sec.21, T.22 S., R.15 E., Santa Cruz County, on left abutment of former railroad bridge, 4.7 mi (7.6 km) southwest of Patagonia.

DRAINAGE AREA.--209 mi² (541 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT.FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1930	2600	08-07-30					1931	11200
1931	1900	07-28-31					1932	7360
1932	1700	07-26-32					1933	4890
1933	1050	07-15-33					1936	6630
1934	11000	08- -					1937	4980
1935	4700	08-23-35					1938	3310
1936	3600	08-09-36					1939	4810
1937	3600	09-06-37					1940	3200
1938	3400	09-09-38					1941	5140
1939	3300	08-08-39					1942	2350
1940	2580	08-13-40	8.42				1943	4640
1941	2150	08-09-41	8.02				1944	1360
1942	1000	09-12-42	6.7				1945	4630
1943	4530	08-28-43	9.95				1946	6720
1944	669	08-09-44	6.22				1947	2900
1945	3140	08-06-45	8.70				1948	4200
1946	14000	09-30-46	13.0				1949	5020
1947	2360	08-12-47	7.60				1950	8920
1948	4750	08-15-48	9.1				1951	3880
1949	5790	08-08-49	9.4				1952	3780
1950	7300	07-30-50	9.80				1953	3460
1951	5030	08-02-51	8.65				1954	7350
1952	3630	08-14-52	7.78				1955	13100
1953	2870	07-14-53	7.4				1956	4070
1954	4670	07-20-54	8.40				1957	2210
1955	6920	08-12-55	9.60				1958	3340
1956	780	07-19-56	6.40				1959	4500
1957	4860	08-02-57	8.62				1960	6500
1958	5590	07-05-58	9.00				1961	3670
1959	2310	08-24-59	7.09	NM	7.33	08-17-59	1962	4480
1960	1550	08-13-60	6.71				1963	6370
1961	2760	10-09-60	7.20				1964	9530
1962	680	12-15-61	6.25				1965	4000
1963	4320	08-26-63	10.15				1966	24000
1964	2640	09-10-64	8.79				1967	10200
1965	806	09-08-65	6.87				1968	12000
1966	4120	08-18-66	10.01				1969	5200
1967	2060	07-03-67	8.40				1970	2130
1968	5410	12-20-67	10.38				1971	4390
1969	450	08-24-69	6.36				1972	3630
1970	622	08-03-70	7.16					
1971	2860	08-11-71	9.50					
1972	368	09-09-72	6.44					

NM Not maximum gage height for water year.

GILA RIVER BASIN

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09481500 SONOITA CREEK NEAR PATAGONIA, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1931												22	9	46	20	155	14	46	22	7	7	3	3	2	3			2	2	1		1				
1932												1	6	32	16	179	35	77	8	3	2	3	1				1	1								
1933												39	22	64	47	170	5	6	4		1	1	3	2	1											
1936									8			45	14	39	39	174	23	12	1	1	2	1	2	1	1	1	1	1								
1937									55			21	51	70	55	92	4	3	3																	
1938					2	4	4	7	8	32		72	57	96	58	14	1	3		1		3	1	1	1			1								
1939					5	17	12	13	17	43		77	119	14	5	11	5	3		6	5	2	2	2	2	4	1	2								
1940	18		21	7	6	20	26	10	50			68	77	35	9	5	1	1	2	1	2	1		2	2	2										
1941	6		8	3	11	11	25	8	53			94	49	9	6	21	8	6	11	22	3	5	1	3				1	1							
1942	13		8	10	20	23	24	13	18			35	124	32	11	13	10	5	1	2		2			1											
1943	10		24	27	5	6	15	12	61			145	24	6	1	8	1	2	2	1	3	2	2	2	2	2	1	1	1	1						
1944	55		9	9	6	5	30	26	27	45		95	47	4		3	2									1										
1945			24	17	10	15	9	11	52	18		21	42	89	28	6	1	1	2	5	3	2	3			2	3			1						
1946	28		3	5	18	10	6	5	17	18		93	51	64	14	4		2	5	2	5	4	5	2				3						1		
1947			2	5	9	19		24	26	14		33	84	102	36	2		2		2		2			1	2										
1948	55		1	5	12	14	16	15	30	89		78	13	4	2	5	3	6	1	1	4		4	2	2	1	3									
1949	12		13	13	5	9	22	26	28	32		39	43	70	17	7	8	5	3	4	2	3		1	1			1				1		1		
1950	20		8	7	4	1		4	27	17		74	112	49	6	5	3	3	3	5	1	5	3	1		1	3	1								
1951				3	10	7	19	11	38	23		47	11	52	120	13	1	3	1	2		2			1						1					
1952			6	15	14	7	15	11	37	37		30	29	50	48	34	11	8	2	7	1			2	1	1			1							
1953	15		11	19	12	9	13	5	13	24		30	39	38	111	15	2		1		1	2		2	1	2										
1954	83		26	14	10	23	10	43	52	23		5	4	5	9	15	2	4	2	5	2	4	2	4	2	4	2	2			5		2			
1955	6		14	4	7	5	5	1	3	13		28	119	80	11	6	6	9	12	6	4	3	2	7	3	2	2									
1956						14	7	8	4	8		10	60	47	48	73	70	11	4	1		1														
1957	67		20	8	7	9	14	24	17	13		65	93	2	8	4	3	1	3		2	1	2		1			1								
1958	46		56	10	7	2	9	11	8	14		45	103	15	7	8	5	3	1	3	3	2	2	2	2	1	1		1							
1959									14	13		115	44	122	32	2	6	4	1	1	1	2	1	2	3	1	1		1							
1960				1	3			9	29	17		45	47	74	56	26	13	11	3	5	9	6	4	5	1											
1961	26		1	2	5	7	9	17	24	17		23	12	28	156	24	3	1	4	2		1	2													
1962					1	9	30	10	9	6		56	48	69	70	27	8	5	3	4	2	2	1	1	1	2		2								
1963	27		4	17	8	6	7	7	3	10		21	66	117	27	10	10	2	3	6	2	1	1	3	1	2	3				1					
1964	1		4	5	6		11	3	13	1		26	62	157	27	10	4	5	3	2	4	7	3	1	5	1	1	1	1	1	1		1			
1965										1		21	45	30	92	168		1	2	4																
1966								1	23	5		9	6	9	40	35	68	42	22	24	16	8	5	4	3	13	4			2	1					
1967												1	3	12	41	49	106	123	22	3	2	2														
1968												1	1	34	134	86	75	14	6	4	3	2	2	2	1	1										
1969						3	8	15	15	29		26	9	35	91	109	10	3	5	3	2	1	1													
1970	15		8	9	5	3	10	11	11	10		63	95	110	3	2	1	3	1	3	1		1													
1971	15	1			1	1	13	2	21	15		28	63	127	35	10	7	2	9	6	1	3	1	1	1	1	1		1							
1972										3		29	60	89	65	87	19	9	3	1	1															

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	518	14611	100.0	12	2.4	1981	9241	63.2	24	94	51	176	1.2
1	0.05	1	14093	96.5	13	3.2	2056	7260	49.7	25	130	31	125	.8
2	0.08	0	14092	96.4	14	4.4	1385	5204	35.6	26	170	46	94	.6
3	0.10	269	14092	96.4	15	5.9	1708	3819	26.1	27	240	21	48	.3
4	0.20	218	13823	94.6	16	8.1	587	2111	14.4	28	320	10	27	.1
5	0.30	217	13605	93.1	17	11.0	522	1524	10.4	29	430	6	17	.1
6	0.40	244	13388	91.6	18	15.0	310	1002	6.9	30	590	5	11	
7	0.50	387	13144	90.0	19	20.0	177	692	4.7	31	800	3	6	
8	0.70	361	12757	87.3	20	28.0	112	515	3.5	32	1100	2	3	
9	0.90	861	12396	84.8	21	37.0	99	403	2.8	33	1500	1	1	
10	1.30	501	11535	78.9	22	51.0	69	304	2.1	34				
11	1.70	1793	11034	75.5	23	69.0	59	235	1.6					

09481500 SONOITA CREEK NEAR PATAGONIA, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1931	2.00 36	2.00 36	2.00 35	2.10 36	2.60 36	3.40 36	4.70 36	5.70 36	12.00 38
1932	2.00 37	2.70 38	3.10 38	3.60 38	3.90 38	4.60 38	5.50 37	6.00 37	7.00 36
1933	2.00 38	2.00 37	2.00 36	2.00 35	2.30 35	2.80 34	3.60 34	4.10 33	5.10 34
1936	1.00 31	1.00 31	1.10 33	1.50 33	1.70 32	2.00 31	2.80 29	3.60 32	5.00 31
1937	1.00 32	1.00 32	1.00 31	1.00 31	1.00 28	1.19 26	1.90 26	2.70 28	4.40 31
1938	0.20 22	0.23 24	0.29 24	0.39 24	0.62 25	1.10 25	1.40 20	1.90 22	2.90 19
1939	0.20 23	0.20 22	0.23 22	0.29 22	0.35 20	0.48 13	0.80 12	1.19 8	1.90 6
1940	0.00 1	0.00 1	0.00 1	0.03 12	0.16 14	0.29 9	0.39 5	0.65 4	2.00 10
1941	0.00 2	0.00 2	0.10 19	0.16 19	0.22 15	0.62 19	0.79 9	1.19 9	3.40 26
1942	0.00 3	0.00 3	0.06 17	0.09 16	0.40 21	0.52 15	0.80 10	1.40 13	1.90 7
1943	0.00 4	0.00 4	0.00 2	0.03 13	0.09 9	0.18 6	0.66 8	1.00 6	1.40 4
1944	0.00 5	0.00 5	0.00 3	0.00 1	0.00 1	0.09 4	0.30 3	0.77 5	1.40 5
1945	0.10 20	0.10 19	0.10 18	0.11 17	0.15 12	0.39 10	0.80 11	1.40 14	2.40 13
1946	0.00 6	0.00 6	0.00 4	0.00 2	0.02 5	0.19 7	0.60 6	1.19 10	2.00 8
1947	0.20 24	0.23 23	0.36 25	0.59 27	0.65 26	0.91 23	1.40 21	1.80 17	2.70 16
1948	0.00 7	0.00 7	0.00 5	0.00 3	0.00 2	0.02 2	0.16 2	0.44 2	0.94 2
1949	0.00 8	0.00 8	0.00 6	0.02 11	0.10 10	0.56 17	0.96 14	1.80 18	3.10 23
1950	0.00 9	0.00 9	0.00 7	0.00 4	0.04 7	0.49 14	0.96 15	1.50 15	2.00 9
1951	0.20 25	0.27 25	0.27 23	0.31 23	0.45 23	0.61 18	1.40 22	2.30 24	3.30 24
1952	0.10 21	0.10 20	0.13 20	0.20 20	0.22 16	0.43 11	1.50 25	2.60 25	3.80 28
1953	0.00 10	0.00 10	0.00 8	0.05 14	0.15 13	0.53 16	1.19 18	1.90 19	3.00 20
1954	0.00 11	0.00 11	0.00 9	0.00 5	0.00 3	0.00 1	0.09 1	0.29 1	0.55 1
1955	0.00 12	0.00 12	0.01 16	0.06 15	0.14 11	0.71 20	1.40 23	1.90 20	2.40 14
1956	0.40 28	0.40 28	0.40 26	0.40 25	0.55 24	1.90 30	3.50 32	3.30 30	3.90 30
1957	0.00 13	0.00 13	0.00 10	0.00 6	0.01 4	0.10 5	0.32 4	0.62 3	1.19 3
1958	0.00 14	0.00 14	0.00 11	0.00 7	0.03 6	0.09 3	0.86 13	1.40 11	3.00 21
1959	1.00 33	1.00 33	1.00 32	1.40 32	2.00 33	2.10 32	2.30 28	2.60 26	3.10 22
1960	0.30 26	0.37 26	0.63 28	0.94 29	1.19 29	1.60 28	2.10 27	2.60 27	3.80 29
1961	0.00 15	0.00 15	0.00 12	0.00 8	0.25 17	0.83 22	1.19 19	1.90 21	2.90 17
1962	0.30 27	0.40 27	0.41 27	0.48 26	0.81 27	1.50 27	2.90 30	2.90 29	3.40 25
1963	0.00 16	0.00 16	0.00 13	0.00 9	0.06 8	0.21 8	0.61 7	1.10 7	2.10 11
1964	0.00 17	0.10 21	0.13 21	0.21 21	0.42 22	0.96 24	1.50 24	2.10 23	2.90 18
1965	1.60 34	1.80 35	2.00 37	2.40 37	2.90 37	3.60 37	3.80 35	4.30 34	5.10 33
1966	0.70 30	0.83 30	0.90 30	1.00 30	1.50 30	1.70 29	8.60 39	9.20 39	21.00 40
1967	2.50 39	3.40 39	5.00 40	6.00 40	6.60 40	9.40 40	10.00 40	11.00 40	12.00 39
1968	2.80 40	4.10 40	4.60 39	4.80 39	5.60 39	6.10 39	7.40 38	8.40 38	9.30 37
1969	0.50 29	0.50 29	0.79 29	0.89 28	1.60 31	2.60 33	3.60 33	4.40 35	5.80 35
1970	0.00 18	0.00 17	0.00 14	0.12 18	0.33 19	0.44 12	1.10 16	1.80 16	2.40 15
1971	0.00 19	0.00 18	0.00 15	0.00 10	0.29 18	0.82 21	1.10 17	1.40 12	2.20 12
1972	1.60 35	1.60 34	1.70 34	2.00 34	2.30 34	3.20 35	3.30 31	3.40 31	3.70 27

GILA RIVER BASIN

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09481500 SONOITA CREEK NEAR PATAGONIA, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1931	600.0 8	344.0 7	250.0 6	129.0 6	74.0 7	42.0 7	30.0 7	24.0 7	21.0 6
1932	288.0 20	155.0 17	101.0 17	54.0 19	32.0 19	21.0 21	16.0 20	13.0 20	11.0 12
1933	120.0 34	52.0 33	39.0 31	21.0 31	16.0 30	13.0 29	10.0 27	8.5 28	7.2 29
1936	504.0 11	236.0 10	114.0 14	60.0 15	36.0 17	25.0 17	18.0 18	14.0 18	11.0 13
1937	390.0 14	161.0 16	76.0 20	38.0 23	29.0 20	19.0 22	14.0 23	11.0 23	8.3 24
1938	187.0 29	78.0 30	35.0 32	18.0 33	13.0 32	12.0 30	8.3 33	6.4 34	5.1 35
1939	200.0 26	147.0 19	115.0 12	78.0 11	47.0 13	30.0 11	21.0 12	16.0 12	11.0 14
1940	201.0 25	103.0 27	59.0 24	30.0 27	24.0 25	14.0 26	11.0 25	8.1 29	5.8 34
1941	292.0 18	135.0 21	68.0 21	37.0 24	28.0 21	26.0 16	20.0 13	15.0 16	11.0 15
1942	101.0 35	38.0 35	17.0 36	12.0 38	9.0 37	6.1 38	5.3 38	4.8 38	4.2 37
1943	357.0 15	164.0 15	114.0 13	57.0 17	44.0 14	29.0 12	22.0 11	16.0 13	11.0 16
1944	136.0 33	56.0 32	28.0 34	15.0 34	7.7 39	3.9 40	2.6 40	2.3 40	2.4 40
1945	415.0 13	183.0 14	111.0 15	77.0 12	48.0 11	28.0 15	19.0 16	14.0 17	10.0 18
1946	1120.0 3	375.0 6	162.0 7	77.0 13	48.0 12	36.0 9	29.0 8	22.0 8	14.0 9
1947	144.0 32	50.0 34	27.0 35	15.0 35	13.0 33	7.8 36	6.7 36	5.2 37	4.3 36
1948	217.0 23	147.0 20	108.0 16	90.0 8	55.0 9	29.0 13	20.0 14	15.0 14	10.0 19
1949	910.0 4	331.0 8	146.0 8	71.0 14	43.0 15	29.0 14	20.0 15	15.0 15	11.0 17
1950	1480.0 2	579.0 3	269.0 4	223.0 1	122.0 2	64.0 3	43.0 4	32.0 5	22.0 4
1951	526.0 10	193.0 12	87.0 19	47.0 20	27.0 22	17.0 24	11.0 26	8.6 27	7.4 27
1952	281.0 21	109.0 25	54.0 27	38.0 21	25.0 23	14.0 27	9.5 28	7.3 31	7.3 28
1953	162.0 31	77.0 31	57.0 25	32.0 25	25.0 24	13.0 28	9.0 32	7.3 32	6.4 32
1954	433.0 12	190.0 13	134.0 10	118.0 7	90.0 5	57.0 5	40.0 6	30.0 6	20.0 7
1955	747.0 7	385.0 5	295.0 3	219.0 2	168.0 1	95.0 1	65.0 2	48.0 2	33.0 2
1956	50.0 39	24.0 37	14.0 39	12.0 36	11.0 34	9.7 34	9.1 30	8.8 25	7.7 25
1957	186.0 30	110.0 24	48.0 28	26.0 28	18.0 29	10.0 32	7.0 35	5.3 36	4.0 38
1958	257.0 22	86.0 28	56.0 26	26.0 29	21.0 28	16.0 25	12.0 24	8.8 26	7.4 26
1959	202.0 24	153.0 18	94.0 18	55.0 18	35.0 18	22.0 19	15.0 21	12.0 21	8.9 21
1960	295.0 17	230.0 11	142.0 9	84.0 9	54.0 10	32.0 10	23.0 10	19.0 10	13.0 11
1961	296.0 16	103.0 26	47.0 29	25.0 30	15.0 31	10.0 33	9.0 31	8.1 30	7.0 30
1962	197.0 28	127.0 22	67.0 22	38.0 22	22.0 26	21.0 20	16.0 19	13.0 19	9.9 20
1963	579.0 9	268.0 9	121.0 11	80.0 10	65.0 8	39.0 8	27.0 9	20.0 9	14.0 10
1964	843.0 6	476.0 4	252.0 5	135.0 5	78.0 6	63.0 4	43.0 3	33.0 4	22.0 5
1965	51.0 38	24.0 38	15.0 38	11.0 39	7.2 40	6.8 37	6.6 37	6.4 35	6.2 33
1966	876.0 5	608.0 2	306.0 2	190.0 3	117.0 3	89.0 2	77.0 1	61.0 1	43.0 1
1967	198.0 27	82.0 29	44.0 30	30.0 26	21.0 27	19.0 23	18.0 17	18.0 11	16.0 8
1968	1780.0 1	743.0 1	356.0 1	181.0 4	98.0 4	56.0 6	41.0 5	34.0 3	25.0 3
1969	70.0 36	36.0 36	32.0 33	19.0 32	11.0 35	11.0 31	9.3 29	9.0 24	8.5 22
1970	53.0 37	23.0 39	16.0 37	12.0 37	8.8 38	5.5 39	4.0 39	3.5 39	3.3 39
1971	290.0 19	121.0 23	62.0 23	58.0 16	40.0 16	23.0 18	15.0 22	12.0 22	8.5 23
1972	29.0 40	15.0 40	12.0 40	11.0 40	9.5 36	8.2 35	7.5 34	7.0 33	6.4 31

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
3.95	4.00	10.0	7.53	9.89	3.49	4.12	2.49	1.81	13.6	26.4	9.69
14.6	10.7	438	78.6	328	11.2	8.21	5.59	5.50	354	781	179
3.82	3.28	20.9	8.86	18.1	3.35	2.86	2.36	2.34	18.8	27.9	13.4
2.36	2.28	4.17	3.69	4.02	1.39	1.50	1.76	1.79	3.86	2.51	3.12
0.97	0.82	2.09	1.18	1.83	0.61	0.70	0.95	1.29	1.39	1.06	1.38
3.99	4.04	10.1	7.61	10.00	5.55	4.16	2.52	1.83	13.7	26.7	9.79

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
8.07	30.8	5.55	2.70	0.69	0.203

GILA RIVER BASIN

09482000 SANTA CRUZ RIVER AT CONTINENTAL, AZ

LOCATION.--Lat 31°51'12", long 110°58'40", in NE¼NE¼ sec.23, T.18 S., R.13 E. (unsurveyed), Pima County, Hydrologic Unit 15050301, in Spanish land grant of San Ignacio de la Canoa, near left bank on downstream side of pier of highway bridge at Continental.

DRAINAGE AREA.--1,662 mi² (4,305 km²), of which 395 mi² (1,023 km²) is in Mexico.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT.FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1940	12100	08-14-40	8.85				1941	2000
1941	3670	08-09-41	5.4				1942	3560
1942	2700	07-28-42	4.95				1943	10100
1943	4000	08-01-43	5.55				1944	4070
1944	4440	08-12-44	5.80				1945	15600
1945	7820	08-09-45	7.25				1946	12400
1946	4120	09-09-46	5.94	NM	6.00	07-27-46	1947	3260
1947	5330	10-01-46	6.40				1948	6970
1948	1820	08-15-52	4.20				1949	37800
1949	4910	07-16-53	6.20				1950	49200
1950	14600	08-05-54	10.10				1951	1010
1951	17500	08-19-55	11.34				1952	1220
1952	3090	07-29-56	4.0				1953	14200
1953	1690	08-21-57	3.62				1954	5570
1954	5620	08-05-58	5.83				1955	14300
1955	3900	08-17-59	5.43				1956	6850
1956	3740	01-12-60	5.70				1957	6230
1957	4820	08-23-61	5.80				1958	13700
1958	2480	01-25-62	4.80				1959	29800
1959	4220	08-06-63	5.65				1960	188
1960	14000	09-10-64	10.13				1961	64400
1961	370	09-12-65	6.15				1962	3490
1962	5990	12-23-65	9.34				1963	42100
1963	3730	07-27-67	8.81				1964	2960
1964	18000	12-20-67	15.3				1965	3690
1965	1680	08-05-69	5.79				1966	12600
1966	3720	07-20-70	7.80				1967	1950
1967	3270	08-20-71	7.30				1968	11200
1968	3290	07-14-72	8.72				1969	4510
1969	2130	03-14-73	7.20				1970	4960
1970	3450	09-03-74	8.10					
1971	3350	09-01-75	8.15					

NM Not maximum gage height for water year.

09482000 SANTA CRUZ RIVER AT CONTINENTAL, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1941	337	1		1	1	1		3		4	1		1		6	1	1	1	1	1	2		1		1											
1942	339							2		3		2		1	2		1	2	4	2	3		3			1										
1943	317							1		1		5	1	4	5	3		1	2		4	3	8	5	2	1	1		1							
1944	348											2		3	1	1	3	1		2			1	1	2	1										
1945	330							3		1	1	2		2		1		5		1	1		6	3	2	1	4	1	1							
1946	311							11		3	3	1	2	3	3	1	2	3	4	1	4	3	3	2		2	1	1	1							
1952	329	3	1	2	1			1		3		1	1	2	1	3	3	2	4	1	3	3	1		1											
1953	330	2	3		1	2	1	3		1	2	1	2	3	1	1		1	1	1	3	2	1		2		2	1	2		2	1	1			
1954	306	3	1	2		2	1			1		4	2	2	1	2	4	5	1	3	3	1	6	2	2	6	1	2		2	1	2	1			
1955	320	2	1	2		1	1			1	1	1	1	2	2		1		3	1	1	1	1	2	3	4	5	3	3	1	2	1				
1956	355	1		2		1						1				3	1						1	1												
1957	338	1			1		1	1	2	1		5		2	1	2	2	3		4	2		1													
1958	318	1			2		1			2	5	3	2	1	2	2	1	2	2	1	4	3	3	4	1	1	2	1	1							
1959	319	1			1	1	1	2		2	4	2	1	5	4	4	3	2	2	1	3	4		1	1	1										
1960	322			1	2	1		1	3	4	1	4	2		1		1	2	4	3	3	1	2	1	2	2	2							1		
1961	319	1	2			3	5	3	2	3	1		1		4	2	1	5	3	1	3	1	2	2		1	1									
1962	346	1	1				2			1		3	2		2	2		1	1		1	1	1	1		1	1	1								
1963	319	1				1		2		2	2	2	1	2	4	3	3	4	2	1	6	1	3	4		1	3	2						1	1	
1964	323	2				1	1			2	2	1	1	1	4	3	3		1																	
1965	354		1			1			1	2			1	3			1	1																		
1966	288				1		2	3	1	1	2	2	1	4	3	4		5	5	4	6	3	6	2	3	2	6	1	3	4	2			1		
1967	330	1			1	1		1		1		5	1	4		5	4	2	2	2	1	3	3	1		1										
1968	318	2	1	2			1	3	2	3	2	6	1	2		3	5	1	2	1			1	1		2	3		2				1	1		
1969	323					2	1	5	2	4		1	3	5	4	2	3	1		2	3	1	2	2	1		1									
1970	318	3	3	4	3	1	2	1	2	4	4	1	1	3	1	1	1	1	2	1	3	1	2	1		1										
1971	309	1	2	1		2	1	2	3	3	3	2	3	2	1	4		3	5	3	4	2	2	1	2	1	1	1	1							
1972	344	1		1		2		1	2		1		1	3			2	2	2	1			2	1												
1973	346		1			1				1		1		2	1	1		1	1			2	1		1	2				3						
1974	342						2			2	1	1	1		1			2	2	1	3	2	2	2		1										
1975	340		1			1	1				1	2	1					1	3	2	3	3	3	1	2											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	9838	10957	100.0	12	5.5	33	773	7.1	24	300	30	148	1.3
1	0.10	28	1119	10.2	13	7.7	60	740	6.8	25	420	33	118	1.0
2	0.20	17	1091	10.0	14	11.0	47	680	6.2	26	590	30	85	.7
3	0.30	19	1074	9.8	15	15.0	57	633	5.8	27	820	19	55	.5
4	0.40	14	1055	9.6	16	21.0	47	576	5.3	28	1100	16	36	.3
5	0.50	21	1041	9.5	17	29.0	52	529	4.8	29	1600	7	20	.1
6	0.70	15	1020	9.3	18	41.0	65	477	4.4	30	2200	6	13	.1
7	1.00	57	1005	9.2	19	57.0	53	412	3.8	31	3100	3	7	
8	1.40	23	948	8.7	20	79.0	59	359	3.3	32	4400	2	4	
9	2.00	53	925	8.4	21	110.0	55	304	2.7	33	6100	2	2	
10	2.80	40	872	8.0	22	150.0	64	245	2.2	34				
11	3.90	59	832	7.6	23	220.0	33	181	1.7					

09482000 SANTA CRUZ RIVER AT CONTINENTAL, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

[illegible]

09482000 SANTA CRUZ RIVER AT CONTINENTAL, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1941	363.0 24	161.0 25	71.0 27	35.0 27	28.0 26	15.0 27	10.0 27	7.5 27	4.9 27
1942	474.0 22	234.0 22	116.0 21	69.0 21	41.0 23	25.0 23	20.0 22	15.0 22	9.8 22
1943	861.0 17	454.0 15	274.0 14	160.0 14	137.0 13	81.0 13	57.0 13	43.0 13	28.0 13
1944	528.0 21	296.0 18	195.0 17	129.0 16	65.0 17	34.0 20	23.0 20	17.0 20	11.0 20
1945	1330.0 10	754.0 10	500.0 8	406.0 6	247.0 6	133.0 6	90.0 6	68.0 6	44.0 6
1946	1150.0 12	606.0 13	327.0 13	221.0 12	145.0 12	92.0 11	65.0 11	49.0 11	32.0 11
1952	311.0 26	135.0 26	79.0 25	49.0 26	34.0 25	22.0 25	16.0 25	12.0 25	7.7 25
1953	1090.0 13	853.0 8	401.0 9	201.0 13	117.0 14	59.0 14	39.0 14	29.0 14	19.0 14
1954	4290.0 4	1690.0 5	1200.0 4	768.0 4	510.0 3	294.0 4	208.0 4	157.0 4	103.0 4
1955	3500.0 5	2080.0 4	1440.0 3	936.0 2	786.0 1	414.0 1	276.0 1	207.0 1	136.0 1
1956	227.0 28	84.0 28	37.0 28	21.0 28	17.0 28	8.5 29	5.7 29	4.2 29	2.8 29
1957	110.0 29	48.0 29	31.0 29	19.0 29	16.0 29	10.0 28	6.8 28	5.1 28	3.4 28
1958	1410.0 9	722.0 11	330.0 12	274.0 9	192.0 9	112.0 8	80.0 7	60.0 7	39.0 7
1959	878.0 16	400.0 17	266.0 15	146.0 15	83.0 15	47.0 16	31.0 17	23.0 17	15.0 17
1960	2500.0 6	1320.0 6	761.0 6	368.0 7	199.0 7	100.0 10	66.0 10	50.0 10	33.0 10
1961	931.0 15	422.0 16	182.0 18	100.0 18	69.0 16	47.0 17	32.0 16	24.0 16	16.0 15
1962	1300.0 11	539.0 14	232.0 16	108.0 17	54.0 19	49.0 15	33.0 15	25.0 15	16.0 16
1963	972.0 14	655.0 12	366.0 11	248.0 11	191.0 10	114.0 7	77.0 8	58.0 8	38.0 8
1964	6110.0 2	2510.0 3	1190.0 5	570.0 5	423.0 5	248.0 5	166.0 5	124.0 5	81.0 5
1965	32.0 30	18.0 30	9.2 30	4.6 30	2.3 30	1.5 30	1.1 30	0.8 30	0.5 30
1966	5190.0 3	2960.0 2	1470.0 2	852.0 3	436.0 4	295.0 3	216.0 3	162.0 3	106.0 3
1967	650.0 18	253.0 21	110.0 23	65.0 22	46.0 22	26.0 22	19.0 23	14.0 23	9.4 23
1968	9800.0 1	5370.0 1	2760.0 1	1360.0 1	681.0 2	341.0 2	234.0 2	175.0 2	115.0 2
1969	341.0 25	133.0 27	75.0 26	55.0 24	38.0 24	24.0 24	17.0 24	12.0 24	8.1 24
1970	545.0 20	269.0 20	116.0 22	61.0 23	49.0 20	30.0 21	20.0 21	15.0 21	10.0 21
1971	1430.0 8	765.0 9	369.0 10	307.0 8	199.0 8	106.0 9	71.0 9	53.0 9	35.0 9
1972	284.0 27	169.0 24	100.0 24	51.0 25	27.0 27	15.0 26	10.0 26	7.6 26	5.0 26
1973	1470.0 7	1060.0 7	548.0 7	256.0 10	181.0 11	90.0 12	60.0 12	45.0 12	31.0 12
1974	579.0 19	283.0 19	151.0 19	80.0 19	62.0 18	37.0 18	25.0 19	19.0 19	12.0 19
1975	404.0 23	197.0 23	121.0 20	78.0 20	49.0 21	35.0 19	28.0 18	21.0 18	14.0 18

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.98	0.15	37.5	8.82	8.88	4.97	0.00	0.00	0.30	33.7	96.6	20.6
21.3	0.64	19670	1280	1500	516	0.00	0.00	0.85	2081	24660	2638
4.62	0.80	140	35.8	38.7	22.7	0.00	0.00	0.92	45.6	157	51.4
2.77	5.48	3.94	4.91	4.97	5.29	5.48	*****	3.38	2.94	2.94	5.01
2.33	5.39	3.74	4.05	4.36	4.57	5.48	*****	3.06	1.35	1.63	2.49
0.93	0.07	17.6	4.13	4.16	2.33	0.00	0.00	0.14	15.8	45.2	9.65

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
18.0	477	21.8	1.97	1.21	-0.150

***** Skewness and coefficient of variation could not be computed owing to a zero-value month.

GILA RIVER BASIN

09482400 AIRPORT WASH AT TUCSON, AZ

LOCATION.--Lat 32°09'09", long 110°58'52", in NE¼SE¼ sec.2, T.15 S., R.13 E., Pima County, Hydrologic Unit 15050301, 25 ft (7.6 m) upstream from Santa Clara Avenue, 0.7 mi (1.1 km) upstream from mouth, 4.3 mi (6.9 km) downstream from confluence of North and South Forks, and 4.9 mi (7.9 km) south of city hall in Tucson.

DRAINAGE AREA.--23.0 mi² (59.6 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1966	322	09-11-66	4.25	1966	333
1967	106	07-17-67	3.66	1967	58
1968	385	08-20-68	4.39	1968	173
1969	118	08-28-69	3.71	1969	97
1970	823	07-20-70	4.14	1970	811
1971	549	10-02-70	3.44	1971	718
1972	310	07-16-72	3.67	1972	252
1973	159	10-19-72	2.88	1973	272
1974	689	07-07-74	2.41	1974	417
1975	377	07-12-75	2.01	1975	198

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1966	333								4	2		1	2	1	4	3	1	2	1	4	1	1	2	1	1	1										
1967	348								1	1	2	2	3	2	1	3	1	1					1													
1968	347								1	2		1	5	1	3	1			2		1															
1969	347								2	3	1		3	1		1			2		3	1	1													
1970	348								1	1	1	1	1		1			2	2	1	1				1											
1971	340								1			1	1	2		1	2		1	2	3	2	1	1	1	1	1	3		1						
1972	343								2	1	1	1	1		1	1	1	1	1	2	7		2	1		1										
1973	340								3	1	1	1	1	1	1	5	1	3	1	1		3	1													
1974	343	2			1				1	1		1	2	1		1	3	1	2	3		1	1													
1975	354				1			1	1	1							2		1					1	2		1									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	3443	3652	100.0	12	0.5	18	161	4.4	24	17	6	24	.6
1	0.01	2	209	5.7	13	0.7	9	143	3.9	25	22	3	18	.4
2	0.02	0	207	5.7	14	1.0	11	134	3.7	26	30	4	15	.4
3	0.03	0	207	5.7	15	1.3	13	123	3.4	27	40	5	11	.3
4	0.04	2	207	5.7	16	1.7	13	110	3.0	28	53	1	6	.1
5	0.05	0	205	5.6	17	2.3	7	97	2.7	29	70	3	5	.1
6	0.07	0	205	5.6	18	3.0	14	90	2.5	30	93	3	2	
7	0.09	1	205	5.6	19	4.0	11	76	2.1	31	120	2	2	
8	0.10	15	204	5.6	20	5.3	19	65	1.8	32				
9	0.20	13	189	5.2	21	7.1	9	46	1.3	33				
10	0.30	6	176	4.8	22	9.5	7	37	1.0	34				
11	0.40	9	170	4.7	23	13.0	6	30	0.8					

GILA RIVER BASIN

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09482400 AIRPORT WASH AT TUCSON, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1966	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.07 11
1967	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 1
1968	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.01 8	0.03 9
1969	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.01 9	0.01 7
1970	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.01 10	0.01 8
1971	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 3	0.00 2
1972	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 4	0.00 3
1973	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.02 11	0.04 10
1974	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 5	0.00 4
1975	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 6	0.00 5

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1966	32.0 7	14.0 7	6.0 7	3.3 5	2.8 5	2.2 4	1.4 4	1.1 4	0.7 4
1967	15.0 9	5.0 9	2.2 9	1.3 9	0.7 10	0.4 10	0.3 10	0.2 10	0.2 10
1968	44.0 5	15.0 6	6.3 6	3.0 6	1.5 8	0.8 8	0.5 8	0.4 8	0.3 8
1969	12.0 10	4.1 10	1.8 10	0.9 10	0.7 9	0.5 9	0.4 9	0.3 9	0.2 9
1970	170.0 1	97.0 1	42.0 1	20.0 1	10.0 1	6.7 1	4.5 1	3.4 1	2.2 1
1971	71.0 4	32.0 3	20.0 2	9.6 3	7.5 2	4.3 2	2.9 2	2.2 2	1.5 2
1972	26.0 8	11.0 8	4.9 8	2.7 8	2.5 6	1.6 6	1.1 6	0.8 6	0.5 6
1973	74.0 3	31.0 4	13.0 4	6.7 4	3.5 4	1.9 5	1.3 5	1.0 5	0.7 5
1974	124.0 2	45.0 2	19.0 3	9.7 2	6.2 3	3.2 3	2.3 3	1.7 3	1.1 3
1975	39.0 6	15.0 5	6.4 5	3.0 7	1.5 7	1.0 7	0.7 7	0.5 7	0.4 7

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
0.73	0.15	0.25	0.00	0.06	0.04	0.03	0.00	0.02	2.49	0.99	0.68
1.76	0.06	0.15	0.00	0.02	0.00	0.01	0.00	0.00	9.26	0.82	0.80
1.33	0.24	0.39	0.01	0.13	0.06	0.08	0.01	0.06	3.04	0.91	0.89
1.74	1.50	1.19	3.16	2.73	1.61	2.88	3.16	3.13	1.55	0.99	2.16
1.82	1.59	1.55	3.16	2.33	1.69	2.33	3.16	2.94	1.22	0.91	1.32
13.4	2.73	4.64	0.03	1.05	0.67	0.60	0.08	0.37	45.7	18.3	12.4

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.46	0.12	0.35	1.10	0.76	0.197

09482500 SANTA CRUZ RIVER AT TUCSON, AZ

LOCATION.--Lat 32°13'16", long 110°58'52", in NE¼ sec.15, T.14 S., R.13 E., Pima County, Hydrologic Unit 15050301, on downstream side of center pier of Congress Street Bridge in Tucson.

DRAINAGE AREA.--2,222 mi² (5,755 km²), of which 395 mi² (1,023 km²) is in Mexico, adjusted for 15.2 mi² (39.4 km²) of Tucson Arroyo drainage area contributing to this station effective July 1956.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1915	15000	12-23-14	1905			1906	27000
1916	5000	01-20-16				1915	81000
1917	7500	09-08-17				1916	37300
1918	4900	08-07-18				1917	28400
1919	4700	08-02-19				1918	4930
1920	1950	08-09-20				1919	27500
1921	4000	08-01-21				1920	7920
1922	2000	07-20-22				1921	32100
1923	1900	08-17-23				1922	10800
1924	2050	11-17-23				1923	15700
1925	3400	09-18-25				1924	3700
1926	11400	09-28-26				1925	6940
1927	1950	09-07-27				1926	20200
1928	1600	08-01-28				1927	3140
1929	10400	09-24-29				1928	2920
1930	1770	08-07-30				1929	24300
1931	9200	08-10-31				1930	8080
1932	4200	07-30-32				1931	37300
1933	6100	08-21-33				1932	14700
1934	6000	08-23-34				1933	7300
1935	10300	09-01-35				1934	7570
1936	5400	07-26-36				1935	20400
1937	3280	07-10-37				1936	8770
1938	9000	08-05-38				1937	8260
1939	8000	08-03-39				1938	7620
1940	11300	08-14-40				1939	24400
1941	2490	08-14-41				1940	13500
1942	1670	08-09-42				1941	4990
1943	4510	08-02-43				1942	3060
1944	6530	08-16-44				1943	11100
1945	10800	08-10-45				1944	9760
1946	4260	08-04-46				1945	20700
1947	2960	10-01-46				1946	14900
1948	3860	08-16-48				1947	6510
1949	3800	08-08-49				1948	8650
1950	9490	07-30-50				1949	10500
1951	5020	08-02-51				1950	28900
1952	3820	08-16-52				1951	7230
1953	5900	07-15-53				1952	6050
1954	9570	07-24-54				1953	9710
1955	10900	08-03-55				1954	36000
1956	2610	07-29-56				1955	50200
1957	3050	08-31-57				1956	1290
1958	6350	07-29-58		9.85		1957	2230
1959	4420	08-20-59		9.15		1958	17700
1960	6140	08-10-60		10.24		1959	6870
1961	16600	08-23-61		15.60		1960	13000
1962	4980	09-26-62		7.90		1961	16300
1963	4670	08-26-63		12.82		1962	8250
1964	13000	09-10-64		18.05		1963	16200
1965	1190	07-16-65		8.49		1964	38100
1966	5500	08-19-66		12.30		1965	936
1967	5860	07-17-67		12.17		1966	43100
1968	16100	12-20-67		17.24		1967	5890
1969	8710	08-06-69		13.92		1968	38200
1970	8530	07-20-70		13.81		1969	5200
1971	8000	08-17-71			NM	1970	8680
1972	3470	07-15-72		10.03		1971	11800
1973	4710	10-19-72		10.86		1972	5230
1974	7930	07-08-74		13.44		1973	13200
1975	2480	07-12-75		9.55		1974	7790
						1975	5800

NM Not maximum gage height for water year.

09482500 SANTA CRUZ RIVER AT TUCSON, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1915	247						1		3	1	3	2	1	1	8	24	8	8	10	9	11	4	9	3	1	3	1	1	2		1	1		2	
1916	299						2			1		7		1	1	14	3	3	2	2	3	7	7	6	1	1	1	2		2	1				
1917	321						3		3				1	3	1	3	2	3	4		4	2	4		3	1	3	2	1	1					
1918	348						4				1	1	1	1	2		1		1		1						1	1							
1919	324								2	2			1	1	1	1	4		1	4	3	3	2	5	3	2	5		1						
1920	274								1	4	12	14	5	10	16		3	4	7	6	2	3	1	1	1										
1921	309						1			1	1	7	2	2	1	2	3	2	1	4	1	3	2	8	7	3	3		2						
1922	299						4		2	1	3	10	9	11	2	1	4	2	1	1		3	4	3	3	2									
1923	314								5	7	2	3	2	2		3	2		3	3	2	2	4	4	2	3									
1924	294						4				1	18	16	21	3	2	1	2		1	1	1													
1925	335						2		1			2	2	1	1	2	3	1	1	1	4	3	2		4										
1926	299						26		9	4		4	1	3	3	2	3	2	1	1	2	1			1										
1927	295						3		10	6	17	10		4	4	1		6	4	6		1	1												
1928	348						2					3		4		3		3		1	2	1		1											
1929	326						5		3	1		3	1		1	2	1	2	1	4	5		2	3	1	2	1								
1930	320						3		2	1		4	2	3	3	2	5	3		3	5	2	1	3	3										
1931	291						11		5	1		2	1	2	4	2	4	5	3	4	4	3	4	5	6	1	3	2							
1932	331						3		2	3		2		1	2	1	2		2	3		3	3	4	1	2	1								
1933	339						4		2	2	1	1		1	1	1	1	2	2	1	1	3	1	2	1	2									
1934	314						13		2	1	3	2	2	8	1	4	4	1	3		1	1	3	2	1										
1935	307						6		2	4	3	7	5	1	2	1	4	4	1	2	4	4	2	1	2	1									
1936	279						27		21	6	8	2	1	2	2	1	1	6		1		1	1	5	1										
1937	320						8		2			4	1	3	2	3	4	2	1	4	3	3	1	1											
1938	322						16		5	1		2	2	3		2	1	1	1	3	1	1	1	1											
1939	315						2		2	4	3	3	2	2	1	4	3	1	1	4	3	2	3	3											
1940	318						15		1	1		3	2		4	2	4	1	3	3	2	3	1	1											
1941	320						7		5		1	1	4	3	3	2	2	2	2	3	3	5													
1942	305						27		4	1	3	2	2	3	1	3	6	2		3	1	1			1										
1943	309						5		1	2	1	2	5	1	2	4	3	6		4	6	5	4	3	1										
1944	340						3			2	1	2	3	1	3	1	2		2				2	1	1		1								
1945	324						2		2	2			2	1	2	4	4	3	2	1	4	3	1	1	2	1	1	2							
1946	300						3		2	2	1	6	4	4	4	7	2	4	5	5		4	3	3	3	2									
1947	328						6		1	1	1	1	1	1	4	2	2	4	3	2	2	4	3	2	1										
1948	330						4		1			3	1		2	2	5	3	2		2	2	4	3	1										
1949	312	2	2	1		2	7		6	2	3	1	1	2	2	3	2	2	1	2	2	2	2	1	2	2									
1950	318	1	2			1	5		2	1		2		1	4	3	2	1		3	5	1	4	2		1	1	1	3						
1951	328	2		1	1		5		3	1	3	1		1	3	4	1		3	2	1		2	1	1										
1952	316	3	3	2	1	1	2	3		2	3	3	1	3	3	2	2		3	3	2	4	1	1	2										
1953	330	2	1	1	2	3			2	3	2	1	1		2	2			1	5	1	1	1												
1954	289	3	3	1	5	1	3		1	6	2	3	3	1	3	2	3		4	2	4	6	2	5	2	2	3	5							
1955	315	2			1	3			2	2		1	2	1	1	1	2	1		2	1	3		4	2	5	1	5	4	1	2	1			
1956	349		1		3				1	1		2		2	2	1		1					1	1											
1957	319	6	5	4	1	1	1	2	1	2	1	5	1	2		1	3	5		3		1		1	3										
1958	292	5	5	2	3	2	2	3	1	4	5	2	4	2	3		3	1	1	4	3	6	1	3	3	3	1								
1959	318	2		3	4	1			2		1	3		2	1	1	6	7	1	2	3	2	1	4											
1960	313	3	2	2	2		3	2	2	2	2	5	4	1	1	2	2	1		3	2	3	2	2	2	2									
1961	324	1			2	2			2	4	2	2	2	4	3	2	1	4		2	1		3		1										
1962	335	2	2		1	1	1	1	4	1	1	1	2		1		2	1	1			1		1		2	1	1							
1963	312	1	3		1	1	1	1	4	1	4	3	2	1	4	2	2	2	5	1	4	2	5	1	1	2	2								
1964	311	1	3		1	1	1	1	4	1	3	3		1	2	2	2		1	4	6	3	4	1	4										
1965	331	2		2	2	1	2	3	3	3	3			3	1	2	2	2	2			1													
1966	289	1			2	2	3		2	3	1	2	1	3	3	2	3	4	7	2	5	2	9	3	4	3	5	2							
1967	330	1	1	1	2		2	3	1	1	1	3	2	1	2	2	6	1		2	2		1		1										
1968	295	3	2	1	4	1	4		7	4	4	4	1	3	5	4	3	2	3	2	2	3	2	1		2									
1969	339				1				1		2	3	2	1		2	2	1	2	2	1	3	3												
1970	299	20	4		1	2		2		3	2	6	2																						

09482500 SANTA CRUZ RIVER AT TUCSON, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--Continued

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	19155	22280	100.0	12	6.2	118	1949	8.7	24	380	92	300	1.3
1	0.10	87	3125	14.0	13	8.7	153	1831	8.2	25	540	58	208	.9
2	0.20	57	3038	13.6	14	12.0	140	1678	7.5	26	760	62	150	.6
3	0.30	37	2981	13.4	15	17.0	155	1538	6.9	27	1100	38	88	.3
4	0.40	62	2944	13.2	16	24.0	164	1383	6.2	28	1500	17	50	.2
5	0.60	33	2882	12.9	17	34.0	129	1219	5.5	29	2100	15	33	.1
6	0.80	278	2849	12.8	18	49.0	131	1090	4.9	30	3000	7	18	
7	1.10	30	2571	11.5	19	68.0	131	959	4.3	31	4200	6	11	
8	1.60	154	2541	11.4	20	96.0	150	828	3.7	32	6000	3	5	
9	2.20	118	2387	10.7	21	140.0	129	678	3.0	33	8400	2	2	
10	3.10	115	2269	10.2	22	190.0	135	549	2.5	34				
11	4.40	205	2154	9.7	23	270.0	114	414	1.9					

GILA RIVER BASIN

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09482500 SANTA CRUZ RIVER AT TUCSON, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1906	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1
1915	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.52 61	1.80 56
1916	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	8.50 61
1917	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3	0.00 2
1918	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.13 39
1919	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.00 3
1920	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.04 53	1.10 53
1921	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 6	0.00 4
1922	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 7	0.92 51
1923	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 8	0.00 5
1924	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.21 62	1.19 62	1.10 54
1925	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 11	0.00 9	0.00 6
1926	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 12	0.25 59	0.26 46
1927	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 13	0.00 10	0.03 24
1928	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 14	0.00 11	0.14 40
1929	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 15	0.00 12	0.00 7
1930	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 16	0.00 13	3.70 59
1931	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.07 56	0.03 49	13.00 63
1932	0.00 19	0.00 19	0.00 19	0.00 19	0.00 19	0.00 19	0.00 17	0.00 14	5.90 60
1933	0.00 20	0.00 20	0.00 20	0.00 20	0.00 20	0.00 20	0.00 18	0.00 15	0.02 22
1934	0.00 21	0.00 21	0.00 21	0.00 21	0.00 21	0.00 21	0.00 19	0.00 16	0.10 34
1935	0.00 22	0.00 22	0.00 22	0.00 22	0.00 22	0.00 22	0.00 20	0.00 17	1.00 52
1936	0.00 23	0.00 23	0.00 23	0.00 23	0.00 23	0.00 23	0.00 21	0.00 18	0.46 48
1937	0.00 24	0.00 24	0.00 24	0.00 24	0.00 24	0.00 24	0.00 22	0.00 19	0.01 16
1938	0.00 25	0.00 25	0.00 25	0.00 25	0.00 25	0.00 25	0.00 23	0.00 20	0.06 28
1939	0.00 26	0.00 26	0.00 26	0.00 26	0.00 26	0.00 26	0.00 24	0.00 21	0.01 17
1940	0.00 27	0.00 27	0.00 27	0.00 27	0.00 27	0.00 27	0.00 25	0.00 22	0.79 50
1941	0.00 28	0.00 28	0.00 28	0.00 28	0.00 28	0.00 28	0.18 61	0.14 56	1.90 57
1942	0.00 29	0.00 29	0.00 29	0.00 29	0.00 29	0.00 29	0.22 63	0.18 57	0.25 44
1943	0.00 30	0.00 30	0.00 30	0.00 30	0.00 30	0.00 30	0.00 26	0.00 23	0.10 35
1944	0.00 31	0.00 31	0.00 31	0.00 31	0.00 31	0.00 31	0.00 27	0.00 24	0.00 8
1945	0.00 32	0.00 32	0.00 32	0.00 32	0.00 32	0.00 32	0.00 28	0.01 45	0.01 18
1946	0.00 33	0.00 33	0.00 33	0.00 33	0.00 33	0.00 33	0.00 29	0.00 25	0.14 41
1947	0.00 34	0.00 34	0.00 34	0.00 34	0.00 34	0.00 34	0.00 30	0.01 46	0.11 36
1948	0.00 35	0.00 35	0.00 35	0.00 35	0.00 35	0.00 35	0.00 31	0.00 26	0.01 19
1949	0.00 36	0.00 36	0.00 36	0.00 36	0.00 36	0.00 36	0.00 32	0.00 27	0.13 37
1950	0.00 37	0.00 37	0.00 37	0.00 37	0.00 37	0.00 37	0.00 33	0.00 28	0.00 9
1951	0.00 38	0.00 38	0.00 38	0.00 38	0.00 38	0.00 38	0.00 34	0.00 29	0.00 10
1952	0.00 39	0.00 39	0.00 39	0.00 39	0.00 39	0.00 39	0.00 35	0.00 30	0.04 25
1953	0.00 40	0.00 40	0.00 40	0.00 40	0.00 40	0.00 40	0.00 36	0.00 31	0.01 20
1954	0.00 41	0.00 41	0.00 41	0.00 41	0.00 41	0.00 41	0.00 37	0.01 47	0.50 49
1955	0.00 42	0.00 42	0.00 42	0.00 42	0.00 42	0.00 42	0.00 38	0.00 32	0.00 11
1956	0.00 43	0.00 43	0.00 43	0.00 43	0.00 43	0.00 43	0.00 39	0.00 33	0.00 12
1957	0.00 44	0.00 44	0.00 44	0.00 44	0.00 44	0.00 44	0.00 40	0.03 50	0.04 26
1958	0.00 45	0.00 45	0.00 45	0.00 45	0.00 45	0.00 45	0.08 60	0.22 58	0.25 45
1959	0.00 46	0.00 46	0.00 46	0.00 46	0.00 46	0.00 46	0.00 41	0.00 34	0.00 13
1960	0.00 47	0.00 47	0.00 47	0.00 47	0.00 47	0.00 47	0.00 42	0.00 35	0.09 33
1961	0.00 48	0.00 48	0.00 48	0.00 48	0.00 48	0.00 48	0.00 43	0.00 36	0.03 23
1962	0.00 49	0.00 49	0.00 49	0.00 49	0.00 49	0.00 49	0.00 44	0.00 37	0.21 43
1963	0.00 50	0.00 50	0.00 50	0.00 50	0.00 50	0.00 50	0.04 58	0.03 51	0.19 42
1964	0.00 51	0.00 51	0.00 51	0.00 51	0.00 51	0.00 51	0.00 45	0.03 52	0.04 27
1965	0.00 52	0.00 52	0.00 52	0.00 52	0.00 52	0.00 52	0.00 46	0.01 48	0.08 32
1966	0.00 53	0.00 53	0.00 53	0.00 53	0.00 53	0.00 53	0.00 47	0.00 38	12.00 62
1967	0.00 54	0.00 54	0.00 54	0.00 54	0.00 54	0.00 54	0.00 48	0.00 39	0.00 14
1968	0.00 55	0.00 55	0.00 55	0.00 55	0.00 55	0.00 55	0.00 49	0.10 55	2.90 58
1969	0.00 56	0.00 56	0.00 56	0.00 56	0.00 56	0.00 56	0.00 50	0.00 40	0.07 29
1970	0.00 57	0.00 57	0.00 57	0.00 57	0.00 57	0.01 63	0.02 57	0.49 60	0.35 47
1971	0.00 58	0.00 58	0.00 58	0.00 58	0.00 58	0.00 57	0.00 51	0.00 41	0.00 15
1972	0.00 59	0.00 59	0.00 59	0.00 59	0.00 59	0.00 58	0.00 52	0.00 42	0.13 38
1973	0.00 60	0.00 60	0.00 60	0.00 60	0.00 60	0.00 59	0.00 53	1.19 63	1.19 55
1974	0.00 61	0.00 61	0.00 61	0.00 61	0.00 61	0.00 60	0.00 54	0.01 43	0.08 30
1975	0.00 62	0.00 62	0.00 62	0.00 62	0.00 62	0.00 61	0.01 55	0.01 44	0.02 21

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1915	8510.0 1	6970.0 1	3830.0 1	1850.0 1	937.0 1	629.0 1	444.0 1	335.0 1	221.0 1
1916	4000.0 9	2830.0 4	1550.0 3	832.0 5	422.0 8	211.0 11	141.0 12	106.0 12	70.0 12
1917	2710.0 17	1090.0 18	669.0 18	415.0 16	273.0 16	216.0 9	158.0 9	119.0 9	78.0 9
1918	1490.0 28	762.0 26	327.0 32	153.0 40	77.0 44	41.0 48	27.0 51	21.0 47	14.0 47
1919	2750.0 15	1390.0 16	631.0 19	457.0 15	372.0 10	212.0 10	153.0 10	115.0 10	75.0 10
1920	550.0 51	285.0 54	154.0 52	118.0 46	64.0 48	39.0 50	28.0 47	21.0 48	14.0 48
1921	2080.0 21	946.0 21	759.0 15	537.0 14	434.0 7	262.0 6	179.0 7	135.0 7	88.0 7
1922	630.0 49	337.0 52	229.0 44	183.0 32	129.0 29	86.0 25	58.0 27	44.0 27	29.0 28
1923	900.0 44	597.0 35	441.0 23	278.0 20	208.0 20	132.0 20	88.0 20	66.0 20	43.0 20
1924	830.0 47	338.0 51	149.0 54	71.0 56	38.0 57	25.0 55	17.0 55	13.0 55	9.4 55
1925	460.0 55	365.0 47	178.0 50	86.0 52	65.0 47	55.0 43	39.0 41	29.0 41	19.0 43
1926	6150.0 4	3000.0 3	1290.0 5	619.0 7	312.0 13	162.0 17	109.0 16	82.0 16	54.0 15
1927	378.0 57	135.0 59	74.0 58	38.0 59	27.0 59	20.0 58	14.0 58	11.0 58	7.1 58
1928	700.0 48	353.0 49	153.0 53	73.0 54	43.0 55	23.0 56	16.0 56	12.0 56	7.9 56
1929	4710.0 5	1850.0 10	792.0 14	374.0 18	217.0 19	192.0 14	136.0 14	102.0 14	67.0 13
1930	539.0 52	360.0 48	210.0 46	111.0 47	77.0 45	54.0 44	37.0 44	28.0 44	22.0 36
1931	3460.0 12	2260.0 6	1280.0 6	770.0 6	454.0 5	257.0 7	181.0 6	137.0 6	90.0 6
1932	1330.0 31	706.0 28	357.0 28	233.0 27	120.0 31	82.0 27	55.0 28	41.0 28	27.0 29
1933	880.0 45	564.0 38	242.0 43	152.0 41	91.0 41	59.0 40	39.0 42	29.0 42	19.0 44
1934	1060.0 40	475.0 41	311.0 33	171.0 35	110.0 37	60.0 39	41.0 38	31.0 38	20.0 40
1935	4620.0 6	1880.0 9	873.0 11	562.0 12	297.0 15	164.0 15	110.0 15	82.0 15	54.0 16
1936	1500.0 27	623.0 31	268.0 39	148.0 42	118.0 33	66.0 34	44.0 35	33.0 36	22.0 37
1937	905.0 42	394.0 45	287.0 36	164.0 36	97.0 39	64.0 35	46.0 34	35.0 34	23.0 35
1938	1910.0 22	736.0 27	331.0 30	202.0 30	117.0 34	62.0 36	42.0 37	31.0 37	21.0 38
1939	2420.0 18	1450.0 15	1070.0 9	601.0 11	350.0 11	202.0 12	137.0 13	103.0 13	67.0 14
1940	4270.0 8	1560.0 13	692.0 17	334.0 19	194.0 22	106.0 22	74.0 23	55.0 23	36.0 23
1941	252.0 60	141.0 58	99.0 57	71.0 55	47.0 54	33.0 54	23.0 53	17.0 53	11.0 53
1942	536.0 53	228.0 55	113.0 55	68.0 57	38.0 56	21.0 57	16.0 57	12.0 57	7.9 57
1943	1120.0 38	565.0 37	282.0 38	155.0 39	119.0 32	78.0 30	61.0 25	46.0 25	30.0 26
1944	2740.0 16	937.0 22	444.0 22	257.0 24	130.0 28	81.0 28	55.0 29	41.0 29	27.0 30
1945	3820.0 10	1470.0 14	753.0 16	549.0 13	316.0 12	162.0 16	108.0 17	81.0 17	53.0 17
1946	1340.0 30	623.0 32	300.0 35	219.0 28	150.0 24	104.0 23	77.0 22	58.0 22	38.0 22
1947	1140.0 35	389.0 46	167.0 51	78.0 53	48.0 53	34.0 53	23.0 54	17.0 54	11.0 54
1948	1130.0 36	396.0 44	254.0 40	215.0 29	132.0 27	67.0 33	48.0 32	36.0 32	24.0 33
1949	1190.0 34	618.0 33	364.0 26	177.0 34	111.0 36	85.0 26	58.0 26	44.0 26	29.0 27
1950	3120.0 13	2170.0 7	1220.0 8	833.0 4	453.0 6	240.0 8	162.0 8	121.0 8	80.0 8
1951	1730.0 23	767.0 25	363.0 27	197.0 31	113.0 35	60.0 37	40.0 39	30.0 39	20.0 41
1952	495.0 54	345.0 50	204.0 48	98.0 49	63.0 49	40.0 49	28.0 48	21.0 49	14.0 49
1953	1070.0 39	957.0 20	530.0 21	268.0 23	158.0 23	79.0 29	53.0 30	40.0 30	26.0 31
1954	2390.0 19	1220.0 17	868.0 12	603.0 9	479.0 4	269.0 5	192.0 5	150.0 5	99.0 5
1955	3010.0 14	1650.0 12	1340.0 4	863.0 3	721.0 2	420.0 2	280.0 2	210.0 2	138.0 2
1956	286.0 59	95.0 60	41.0 60	21.0 60	19.0 60	10.0 60	6.9 60	5.2 60	3.4 60
1957	356.0 58	170.0 57	73.0 59	54.0 58	33.0 58	19.0 59	12.0 59	9.3 59	6.1 59
1958	1720.0 24	703.0 29	304.0 34	272.0 22	231.0 17	138.0 18	97.0 18	73.0 18	48.0 18
1959	554.0 50	313.0 53	244.0 42	158.0 37	87.0 42	57.0 41	38.0 43	29.0 43	19.0 42
1960	2180.0 20	1060.0 19	568.0 20	277.0 21	146.0 25	73.0 31	49.0 31	37.0 31	24.0 32
1961	4570.0 7	1810.0 11	816.0 13	391.0 17	202.0 21	128.0 21	85.0 21	64.0 21	42.0 21
1962	1320.0 32	493.0 40	213.0 45	100.0 48	51.0 52	43.0 46	28.0 49	21.0 50	14.0 50
1963	1580.0 26	845.0 24	386.0 25	242.0 26	230.0 18	135.0 19	90.0 19	68.0 19	44.0 19
1964	6400.0 3	2750.0 5	1250.0 7	601.0 10	414.0 9	307.0 3	208.0 3	156.0 3	102.0 3
1965	121.0 61	58.0 61	26.0 61	13.0 61	7.4 61	6.9 61	4.7 61	3.5 61	2.3 61
1966	3680.0 11	2150.0 8	976.0 10	604.0 8	308.0 14	200.0 13	149.0 11	112.0 11	73.0 11
1967	1600.0 25	549.0 39	329.0 31	157.0 38	94.0 40	48.0 45	33.0 45	25.0 45	16.0 45
1968	7750.0 2	4790.0 2	2400.0 2	1180.0 2	593.0 3	298.0 4	203.0 4	153.0 4	101.0 4
1969	1120.0 37	442.0 43	209.0 47	123.0 44	71.0 46	42.0 47	28.0 50	21.0 51	14.0 51
1970	1020.0 41	586.0 36	251.0 41	120.0 45	80.0 43	68.0 32	47.0 33	35.0 33	23.0 34
1971	900.0 43	700.0 30	344.0 29	246.0 25	144.0 26	96.0 24	65.0 24	48.0 24	32.0 25
1972	858.0 46	457.0 42	196.0 49	94.0 50	63.0 50	35.0 52	26.0 52	20.0 52	13.0 52
1973	1410.0 29	849.0 23	387.0 24	181.0 33	121.0 30	60.0 38	40.0 40	30.0 40	21.0 39
1974	1300.0 33	604.0 34	283.0 37	143.0 43	98.0 38	56.0 42	43.0 36	33.0 35	21.0 39
1975	432.0 56	193.0 56	108.0 56	93.0 51	52.0 51	37.0 51	31.0 46	23.0 46	15.0 46

GILA RIVER BASIN

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09482500 SANTA CRUZ RIVER AT TUCSON, AZ--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
3.57	5.62	30.7	14.8	10.8	3.52	0.10	0.07	1.37	52.9	102	34.6
146	752	18770	3267	1461	184	0.08	0.11	20.2	5356	13880	3928
12.1	27.4	137	57.2	38.2	13.5	0.29	0.33	4.49	73.2	118	62.7
5.81	7.39	5.33	5.56	4.05	4.97	3.99	5.96	4.27	3.07	2.55	3.23
3.38	4.88	4.46	3.86	3.53	3.85	2.95	4.65	3.29	1.38	1.15	1.81
1.37	2.16	11.8	5.69	4.16	1.35	0.04	0.03	0.53	20.3	39.2	13.3

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
22.0	398	20.0	2.04	0.91	0.030

09483100 TANQUE VERDE CREEK NEAR TUCSON, AZ

LOCATION.--Lat 32°14'48", long 110°40'46", in NE 1/4 sec.2, T.14 S., R.16 E., Pima County, on right bank 4.4 mi (7.1 km) east of Tanque Verde School, 7.4 mi (11.9 km) upstream from Aqua Caliente Wash, 7.8 mi (12.6 km) northwest of Spud Rock, and 17.5 mi (28.2 km) east of City Hall in Tucson.

DRAINAGE AREA.--43.0 mi² (111.4 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1960	789	01-11-60	2.83	1960	8810
1961	1260	09-08-61	2.85	1961	1900
1962	925	12-16-61	2.99	1962	6950
1963	1520	02-11-63	3.50	1963	3960
1964	2630	09-10-64	4.86	1964	5160
1965	828	09-04-65	3.21	1965	3260
1966	2760	12-22-65	4.93	1966	23000
1967	1260	07-16-67	3.71	1967	766
1968	3080	12-20-67	5.14	1968	11300
1969	278	01-15-69	2.37	1969	1690
1970	1060	03-02-70	3.50	1970	3850
1971	2350	08-21-71	4.64	1971	3370
1972	1190	07-16-72	3.64	1972	3680
1973	2120	10-19-72	4.36	1973	16400
1974	804	07-08-74	3.18	1974	2540
1975	210	- -	2.19		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1960	166	1	4	10	7	11	3	8	8	5	11	2	NUMBER OF DAYS IN CLASS				2	9	9	10	16	16	13	11	4	11	5	9	3	5	4	3				
1961	236	10	11	30	3	1	5	4	2	5	5	1	3	7	3	5	4	4	5	5	4	4	4	2	2											
1962	123	5	5	11	2	10	8	4	1	3	7	5	9	12	7	12	27	30	30	27	7	4	6	3	2	1	1	2		1						
1963	163	3	4	7	2	6	3	19	7	11	11	17	14	15	12	8	20	12	10	8	3	3	2	1	1	1				1						
1964	241	7	4	7	6	4	5	13	6	13	8	3	5	3	3		3	4	2	4	5	4	2	4	3	1	3	2	1							
1965	132						30	17	11	21	14	6	8	16	11	25	20	19	7	8	5	6	4	2	2	1										
1966	159					12	9	5	9	3	4	5	5	7	6	13	2	11	22	15	19	13	11	8	8	6	5	4			2	2				
1967	207					89	20	4	10	4		5	4	4	2	6	1	3	3		1	1	1													
1968	133					23	12	7	10	4	7	11	5	7	5	21	32	23	19	15	6	7	8	1	2	2	3	1			2					
1969	183					32	15	6	4	6	3	20	19	13	23	14	7	8	5	2	2	1	1	1												
1970	142					82	16	7	12	8	11	17	7	10	4	9	9	5	6	7	2	1	2	3	3			2								
1971	282					25	13	1	3	1	4	2	2	2	1	3	8	2	5	3	5	3	3	2	3	2										
1972	118					52	19	22	17	11	13	10	12	11	14	12	11	13	7	7	5	5	6	1												
1973	93					23	5	6	6	5	5	11	13	23	17	16	25	20	37	11	6	10	10	8	5	2	3	1	2	2						
1974	226					70	19	3	14	2	5	3	3	2	1	5	4	1	3	2	2	4	1	2	1	1	1									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2604	5479	100.0	12	1.2	125	1644	30.0	24	78	44	139	2.5
1	0.01	26	2875	52.5	13	1.8	132	1519	27.7	25	110	33	95	1.7
2	0.02	28	2849	52.0	14	2.5	124	1387	25.3	26	160	21	62	1.1
3	0.03	65	2821	51.5	15	3.5	133	1263	23.1	27	220	22	41	.7
4	0.05	20	2756	50.3	16	4.9	189	1130	20.6	28	310	7	19	.3
5	0.07	32	2736	49.9	17	7.0	184	941	17.2	29	440	4	12	.2
6	0.10	462	2704	49.4	18	9.9	153	757	13.8	30	620	6	8	.1
7	0.20	173	2242	40.9	19	14.0	170	604	11.0	31	880	2	2	
8	0.30	96	2069	37.8	20	20.0	90	434	7.9	32				
9	0.40	143	1973	36.0	21	28.0	80	344	6.3	33				
10	0.60	100	1830	33.4	22	39.0	67	264	4.8	34				
11	0.90	86	1730	31.6	23	56.0	58	197	3.6					

09483100 TANQUE VERDE CREEK NEAR TUCSON, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1960	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.14 5
1961	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.31 6
1962	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.06 13	0.27 12	1.60 10
1963	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3	0.41 13	1.80 11
1964	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.00 3	0.09 3
1965	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.01 7	1.19 9
1966	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.04 11	1.19 14	4.10 14
1967	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 6	0.00 4	0.00 1
1968	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.36 15	1.90 15	2.80 12
1969	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.02 10	0.09 9	0.62 7
1970	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.05 12	0.26 10	4.70 15
1971	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 7	0.00 5	0.01 2
1972	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 8	0.01 6	0.14 4
1973	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.01 15	0.08 14	0.27 11	3.80 13
1974	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 14	0.00 9	0.03 8	0.92 8

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1960	300.0 7	241.0 6	208.0 4	139.0 3	106.0 3	65.0 3	46.0 4	36.0 4	24.0 4
1961	92.0 15	50.0 15	38.0 13	24.0 14	20.0 13	15.0 13	9.9 13	7.4 13	4.9 13
1962	453.0 5	296.0 5	158.0 6	92.0 6	50.0 6	40.0 6	30.0 5	26.0 5	19.0 5
1963	518.0 4	304.0 4	154.0 7	79.0 7	42.0 8	25.0 8	19.0 8	14.0 8	9.5 7
1964	422.0 6	186.0 7	159.0 5	123.0 5	68.0 5	43.0 5	29.0 6	21.0 6	14.0 6
1965	122.0 12	57.0 12	52.0 11	31.0 12	24.0 11	19.0 9	15.0 9	12.0 9	8.4 9
1966	890.0 1	657.0 1	362.0 1	341.0 1	213.0 1	124.0 1	107.0 1	86.0 1	57.0 1
1967	102.0 14	62.0 13	28.0 15	16.0 15	12.0 15	6.1 15	4.1 15	3.1 15	2.0 15
1968	851.0 2	464.0 3	238.0 3	124.0 4	80.0 4	58.0 4	53.0 3	44.0 3	30.0 3
1969	122.0 13	61.0 14	30.0 14	24.0 13	14.0 14	9.6 14	8.0 14	6.5 14	4.3 14
1970	250.0 8	141.0 9	69.0 9	60.0 9	32.0 9	17.0 10	11.0 12	8.5 11	7.5 11
1971	189.0 10	170.0 8	109.0 8	77.0 8	49.0 7	28.0 7	19.0 7	14.0 7	9.3 8
1972	140.0 11	83.0 11	43.0 12	35.0 10	20.0 12	16.0 11	15.0 10	12.0 10	7.8 10
1973	748.0 3	530.0 2	269.0 2	149.0 2	142.0 2	91.0 2	65.0 2	51.0 2	43.0 2
1974	226.0 9	110.0 10	62.0 10	32.0 11	31.0 10	16.0 12	11.0 11	8.1 12	5.3 12

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
4.56	2.05	24.7	14.8	21.2	15.0	3.45	0.31	0.05	3.17	8.24	9.62
142	11.8	2639	587	939	688	27.3	0.80	0.04	23.4	148	392
11.9	3.44	51.4	24.2	30.6	26.2	5.23	0.90	0.21	4.84	12.2	18.8
3.11	1.89	3.11	2.85	1.27	2.79	2.05	3.67	3.87	1.88	2.46	2.67
2.61	1.68	2.08	1.64	1.45	1.74	1.51	2.93	3.86	1.53	1.47	1.95
4.25	1.91	23.1	13.8	19.8	14.0	3.22	0.29	0.05	2.95	7.69	8.97

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
8.90	73.1	8.55	1.78	0.96	-0.460

GILA RIVER BASIN

09484000 SABINO CREEK NEAR TUCSON, AZ

LOCATION.--Lat 32°19'01", long 110°48'36", in SE¼NE¼ sec.9, T.13 S., R.15 E., Pima County, on right bank 0.5 mi (0.8 km) north of Coronado National Forest boundary and 12 mi (19.3 km) northeast of City Hall in Tucson.

DRAINAGE AREA.--35.5 mi² (91.9 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1933	510	09-10-33		4.73	1933	5360
1934	472	09-22-34		4.59	1934	904
1935	540	02-06-35		4.85	1935	11400
1936	500	01-29-36		4.69	1936	4330
1937	2020	02-07-37		6.51	1937	8510
1938	3200	03-03-38		7.13	1938	4490
1939	385	08-06-39		3.96	1939	2150
1940	904	02-23-40		4.98	1940	2600
1941	3180	12-30-40		7.13	1941	21200
1942	449	09-10-42		4.34	1942	8990
1943	567	03-05-43		4.56	1943	3230
1944	175	07-08-44		3.31	1944	3340
1945	916	07-30-45		5.15	1945	6430
1946	2000	08-23-46		6.30	1946	5860
1947	227	12-26-46		3.47	1947	1070
1948	380	08-06-48		4.06	1948	1560
1949	1430	08-08-49		5.78	1949	9480
1950	2260	07-07-50		6.50	1950	1670
1951	750	08-02-51		5.11	1951	2240
1952	1640	01-13-52		6.25	1952	14000
1953	861	07-16-53		5.31	1953	3630
1954	5110	03-23-54		8.43	1954	12200
1955	2000	08-03-55		6.55	1955	5790
1956	55	08-11-56		2.33	1956	377
1957	2030	01-09-57		6.65	1957	8210
1958	1500	03-22-58		5.85	1958	15000
1959	4240	07-26-59		7.85	1959	4190
1960	1600	12-24-59		5.95	1960	15500
1961	910	08-30-61		5.25	1961	1640
1962	1010	09-26-62		5.44	1962	11600
1963	2070	08-15-63		6.54	1963	5950
1964	1310	09-13-64		5.82	1964	5110
1965	244	02-07-65		4.24	1965	7200
1966	6400	08-10-66		9.65	1966	34900
1967	788	07-17-67		5.67	1967	2870
1968	2340	12-19-67		7.30	1968	19100
1969	310	01-14-69		4.99	1969	5890
1970	7730	09-06-70		10.21	1970	9830
1971	660	08-10-71		5.52	1971	3100
1972	1710	10-01-71		6.87	1972	6420
1973	2750	10-19-72		7.68	1973	23400
1974	117	07-20-74		4.78	1974	1400

GILA RIVER BASIN

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09484000 SABINO CREEK NEAR TUCSON, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1933		14	13	10	34	30	4	9	19	14	17	6	11	14	15	12	15	22	18	24	18	30	12	3	1										
1934	37	31	102	37	23	20		12	15	7	14	6	8	8	7	14	10	2	4	2	2	1	3												
1935	14	33	20	7	13	7		4	15	4	9	16	8	14	12	17	24	19	17	22	24	14	19	16	7	6		3	1						
1936	41	14	10	4	26	11	6	10	12	7	23	10	27	33	8	13	23	21	19	16	8	6	9	5	2	1	1								
1937	36	44	11	24	22	6	7	3	8	5	23	10	11	11	8	6	7	8	13	39	14	21	14	4	4	2	2	1			1	1			
1938	38	78	32	39	20	8	8	8	4	7	16	7	13	13	12	9	11	8	4	7	8	5	5	1	1	1					1	1			
1939	24	40	18	18	52	6	3	8	7	10	26	19	15	16	15	8	17	19	19	15	5	1	2	1	1	1									
1940	13	27	29	15	14	9	3	10	29	25	39	22	23	24	28	16	11	7	5	3	6	2	2	1	2					1					
1941		16	15	9	21	15		6	3	6	8	10	12	15	14	16	10	13	13	29	26	23	27	16	14	18	2	4	2	1	1				
1942	36	23	12	6	11	6		8	7	6	10	6	9	8	12	14	15	25	29	32	38	20	14	8	5	2	2	1							
1943	66	16	58	11	16	9		6	34	10	7	4	11	19	26	21	12	8	9	6	2	3	5	3		1	1			1					
1944	7	13	10	21	80	35		14	8	8	10	5	7	10	14	19	24	13	15	20	16	7	7	2	1										
1945	38	16	48	4	5	6		4	7	5	5	3	11	15	10	14	20	31	21	30	29	23	11	5	3	1									
1946	45	25	5	13	14	23		9	10	6	10	5	16	16	9	30	40	32	14	14	12	8	5		3					1					
1947	75	23	7	10	16	7	2	2	19	13	28	20	44	35	23	13	9	6	5	2	2	2	1	1		1									
1948	44	13	12	17	22	23		6	28	30	43	14	20	17	13	10	13	18	12	3	2	2	2	1	1										
1949	6	15	12	5	3	65		18	17	4	12	4	12	9	12	9	7	12	28	34	30	19	9	14	2	3	1	1	2						
1950	18	15	31	46	24	19		21	11	6	10	16	27	34	44	11	9	4	3	3	6	5	1												
1951	48	75	71	27	11	3		13	14	4	3	4	13	14	13	14	13	10	5	6	4	5		2		1	2								
1952	32	35	15	4	4	4		13	8	5	8	3	6	12	17	19	22	23	15	28	23	26	20	14	8	6	1	1	3	1					
1953	96	28	2	3	3	9		5	7	4	10	10	22	26	27	29	17	22	8	11	10	5	2	5	1	2	1								
1954	107	44	26	7	2	3		4	2	7	9	8	23	17	10	15	20	8	6	7	10	6	8	5	4	1	2	1			1		1	1	
1955	42	3	25	21	24	37		13	11	11	15	6	12	13	17	27	23	16	8	5	3	5	11	4	7	3	2	1							
1956	89	100	22	18	10	21		18	16	8	6	3	11	13	8	14	8	5	2																
1957	123	37	7	5	4	2		5	3	4	6	12	9	9	6	11	9	17	13	25	24	10	7	6	4	4	2								
1958	43	11	5	2	2	1		13	8	3	6	6	13	25	23	16	19	32	24	22	24	15	13	19	16	9	1	2	1			1			
1959	61	17	5	2	6	3		9	29	18	23	29	28	35	23	20	11	8	6	9	6	6	1	2	2	3	3								
1960	42	32	13	10	10	9		12	8	3	7	5	9	22	11	11	18	18	13	20	16	14	23	15	12	5	2	2	1	2	1				
1961	121	53	38	3	3	1		2	16	10	7	14	15	23	8	11	7	7	6	5	7	2	2	3	1										
1962	93	15	8	2	6	2		7	9	4	4	3	5	21	17	9	10	5	3	15	32	21	37	27	5	3	1	1							
1963	44	25	9	7	6	5		12	18	20	10	7	10	8	21	17	41	21	21	21	14	8	9	6	1		3	1							
1964	78	15	9	3	8			14	45	23	15	19	14	12	16	18	17	13	8	8	6	7	5	2	1	2	2								
1965	73							14	10	2	15	2	20	17	33	27	18	15	18	13	24	35	16	11	1	1									
1966	73							30	9	2	5	3	4	5	7	9	8	15	11	18	24	24	36	26	29	22	5	1	4	1	1	2	1		
1967	60	2	2	1	1	5		1	4	5	4	33	26	50	47	32	23	15	13	10	15	5	3	4	1	2									
1968	40		1	1	4	12		5	13	18	2	10	4	7	8	13	12	18	13	25	27	3	17	51	28	15	10	6	1	2					
1969	74	7	5	4	1	4		3	9	10	3	1	12	8	11	19	21	24	18	37	36	33	11	8	2	3	1								
1970	49	7	8	7	11	16		1	4	3	3	2	2	26	41	29	32	32	21	17	13	11	10	10	4	1	1								
1971	67	2	3	6	13	11		3	22	12	26	49	27	37	15	12	12	10	6	2	7	5	3	8	2	3	1	1							
1972	105	3	4	3	2	3		6	7	3	9	5	10	42	32	14	23	21	13	12	19	6	9	4	4	4	2				1				
1973	29		1	2	1			17	1	3	2	5	4	10	15	8	49	43	26	26	22	19	20	24	15	11	4	1	2	3	2				
1974	164	1	5	5	8	5		2	12	5	3	15	19	21	22	23	11	6	13	9	6	5	1	4											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2291	15340	100.0	12	0.8	662	7589	49.5	24	72	183	433	2.8
1	0.01	968	13049	85.1	13	1.2	779	6927	45.2	25	100	124	250	1.6
2	0.02	729	12081	78.8	14	1.8	710	6148	40.1	26	150	55	126	.8
3	0.03	437	11352	74.0	15	2.6	650	5438	35.4	27	220	24	71	.4
4	0.04	557	10915	71.2	16	3.7	716	4788	31.2	28	320	22	47	.3
5	0.06	462	10358	67.5	17	5.4	655	4072	26.5	29	460	11	25	.1
6	0.09	48	9896	64.5	18	7.8	559	3417	22.3	30	660	8	14	
7	0.10	385	9848	64.2	19	11.0	646	2858	18.6	31	960	3	6	
8	0.20	527	9463	61.7	20	16.0	580	2212	14.4	32	1400	1	3	
9	0.30	348	8936	58.3	21	24.0	449	1632	10.6	33	2000	2	2	
10	0.40	580	8588	56.0	22	34.0	452	1183	7.7	34				
11	0.60	419	8008	52.2	23	49.0	298	731	4.8					

GILA RIVER BASIN

09484000 SABINO CREEK NEAR TUCSON, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1933	0.01 41	0.01 41	0.01 41	0.01 38	0.04 41	0.37 39	0.73 30	1.00 28	3.20 23
1934	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.01 7	0.03 6	0.27 3
1935	0.00 2	0.00 2	0.00 2	0.00 2	0.01 35	0.12 37	1.00 34	2.40 33	8.10 36
1936	0.00 5	0.00 3	0.00 3	0.00 3	0.00 2	0.00 2	0.06 19	1.30 29	3.00 22
1937	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3	0.00 3	0.02 13	0.35 17	2.20 18
1938	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.01 21	0.01 8	0.02 4	2.70 20
1939	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.03 30	0.12 23	0.78 23	2.90 21
1940	0.00 7	0.00 7	0.00 7	0.00 7	0.01 36	0.09 35	0.48 29	0.93 25	1.40 14
1941	0.01 42	0.01 42	0.01 42	0.01 39	0.01 37	0.38 40	3.50 41	4.90 42	7.90 35
1942	0.00 8	0.00 8	0.00 8	0.00 8	0.00 6	0.00 4	0.05 16	0.42 20	4.20 26
1943	0.00 9	0.00 9	0.00 9	0.00 9	0.00 7	0.00 5	0.00 1	0.22 11	1.80 16
1944	0.00 10	0.00 10	0.00 10	0.01 40	0.01 38	0.04 31	0.05 17	0.32 16	4.40 27
1945	0.00 11	0.00 11	0.00 11	0.00 10	0.00 8	0.01 22	0.78 32	4.00 38	6.20 32
1946	0.00 12	0.00 12	0.00 12	0.00 11	0.00 9	0.00 6	0.03 14	0.62 22	2.60 19
1947	0.00 13	0.00 13	0.00 13	0.00 12	0.00 10	0.00 7	0.00 2	0.01 1	0.13 2
1948	0.00 14	0.00 14	0.00 14	0.00 13	0.00 11	0.00 8	0.05 18	0.26 13	1.60 15
1949	0.00 15	0.00 15	0.00 15	0.01 41	0.01 39	0.08 34	1.40 37	4.80 41	7.70 34
1950	0.00 16	0.00 16	0.00 16	0.00 14	0.01 40	0.02 28	0.09 21	0.41 19	1.30 12
1951	0.00 17	0.00 17	0.00 17	0.00 15	0.00 12	0.01 23	0.01 9	0.02 5	0.08 1
1952	0.00 18	0.00 18	0.00 18	0.00 16	0.00 13	0.19 38	1.50 38	2.80 34	8.70 37
1953	0.00 19	0.00 19	0.00 19	0.00 17	0.00 14	0.01 24	0.23 25	1.70 32	4.00 24
1954	0.00 20	0.00 20	0.00 20	0.00 18	0.00 15	0.00 9	0.01 10	0.01 2	13.00 40
1955	0.00 21	0.00 21	0.00 21	0.00 19	0.00 16	0.01 25	0.03 15	0.27 14	2.00 17
1956	0.00 22	0.00 22	0.00 22	0.00 20	0.00 17	0.00 10	0.00 3	0.02 3	0.37 4
1957	0.00 23	0.00 23	0.00 23	0.00 21	0.00 18	0.00 11	0.00 4	0.93 26	5.10 28
1958	0.00 24	0.00 24	0.00 24	0.00 22	0.00 19	0.04 32	1.80 39	3.20 36	12.00 39
1959	0.00 25	0.00 25	0.00 25	0.00 23	0.00 20	0.00 12	0.01 11	0.09 8	0.46 6
1960	0.00 26	0.00 26	0.00 26	0.00 24	0.00 21	0.00 13	0.32 28	0.56 21	1.40 13
1961	0.00 27	0.00 27	0.00 27	0.00 25	0.00 22	0.00 14	0.00 5	0.06 7	0.46 7
1962	0.00 28	0.00 28	0.00 28	0.00 26	0.00 23	0.02 29	0.29 26	0.22 12	5.70 31
1963	0.00 29	0.00 29	0.00 29	0.00 27	0.00 24	0.01 26	0.14 24	1.30 30	5.40 29
1964	0.00 30	0.00 30	0.00 30	0.00 28	0.00 25	0.01 27	0.30 27	0.29 15	0.83 9
1965	0.00 31	0.00 31	0.00 31	0.00 29	0.00 26	0.00 15	0.08 20	0.93 27	5.50 30
1966	0.00 32	0.00 32	0.00 32	0.00 30	0.00 27	0.10 36	1.19 35	4.10 39	20.00 42
1967	0.00 33	0.00 33	0.00 33	0.00 31	0.00 28	0.00 16	0.74 31	0.91 24	0.91 11
1968	0.00 34	0.00 34	0.00 34	0.00 32	0.00 29	0.44 41	2.50 40	4.20 40	8.90 38
1969	0.00 35	0.00 35	0.00 35	0.00 33	0.00 30	0.00 17	1.30 36	2.80 35	4.00 25
1970	0.00 36	0.00 36	0.00 36	0.00 34	0.00 31	0.07 33	0.83 33	1.50 31	6.30 33
1971	0.00 37	0.00 37	0.00 37	0.00 35	0.00 32	0.00 18	0.01 12	0.15 10	0.45 5
1972	0.00 38	0.00 38	0.00 38	0.00 36	0.00 33	0.00 19	0.10 22	0.13 9	0.49 8
1973	0.00 39	0.00 39	0.00 39	0.01 42	0.08 42	1.50 42	4.90 42	4.00 37	14.00 41
1974	0.00 40	0.00 40	0.00 40	0.00 37	0.00 34	0.00 20	0.00 6	0.39 18	0.86 10

09484000 SABINO CREEK NEAR TUCSON, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1933	99.0 35	58.0 35	43.0 32	38.0 30	33.0 27	28.0 21	22.0 21	18.0 22	13.0 21
1934	64.0 39	42.0 39	19.0 40	10.0 40	6.0 40	5.3 40	4.0 40	3.0 41	2.0 41
1935	383.0 14	304.0 11	180.0 11	109.0 12	72.0 12	57.0 8	46.0 7	37.0 9	25.0 10
1936	183.0 26	110.0 27	61.0 28	43.0 27	38.0 23	23.0 26	17.0 25	14.0 25	9.7 25
1937	655.0 10	345.0 10	175.0 12	124.0 8	78.0 10	56.0 9	43.0 10	34.0 10	23.0 11
1938	670.0 9	436.0 7	211.0 8	110.0 11	57.0 16	29.0 19	20.0 24	15.0 24	11.0 24
1939	108.0 33	69.0 33	39.0 34	24.0 36	13.0 38	8.4 37	6.1 36	5.3 36	4.8 35
1940	436.0 12	190.0 17	93.0 22	46.0 24	28.0 28	16.0 31	11.0 31	8.4 32	6.4 31
1941	803.0 5	542.0 5	290.0 5	182.0 6	124.0 6	34.0 5	87.0 2	76.0 2	54.0 2
1942	265.0 21	154.0 22	102.0 20	61.0 22	39.0 21	32.0 17	32.0 15	28.0 15	23.0 12
1943	395.0 13	226.0 15	127.0 18	69.0 19	37.0 24	20.0 28	14.0 28	11.0 28	7.8 29
1944	84.0 38	44.0 38	32.0 37	24.0 37	23.0 33	18.0 29	14.0 29	11.0 29	8.3 26
1945	142.0 32	87.0 30	48.0 31	36.0 31	28.0 29	24.0 24	22.0 22	19.0 21	14.0 18
1946	215.0 23	110.0 28	63.0 26	42.0 28	25.0 30	16.0 30	12.0 30	8.7 30	5.9 33
1947	61.0 40	38.0 40	19.0 41	10.0 41	6.0 41	4.1 41	3.6 41	3.2 40	2.3 40
1948	97.0 36	48.0 37	38.0 36	25.0 35	14.0 37	7.1 38	4.9 39	3.6 39	3.9 37
1949	357.0 17	189.0 16	140.0 14	80.0 16	67.0 13	42.0 14	36.0 13	32.0 12	22.0 13
1950	175.0 29	80.0 31	39.0 35	22.0 38	15.0 36	8.8 36	5.9 37	4.4 37	3.6 38
1951	176.0 28	104.0 29	50.0 30	26.0 32	25.0 31	14.0 32	9.6 34	7.2 33	6.1 32
1952	460.0 11	231.0 14	197.0 9	117.0 9	83.0 9	48.0 12	44.0 8	42.0 8	35.0 7
1953	179.0 27	122.0 25	62.0 27	40.0 29	25.0 32	13.0 33	9.9 32	9.7 31	9.1 27
1954	2010.0 2	1130.0 1	522.0 1	251.0 2	127.0 5	64.0 7	43.0 11	33.0 11	31.0 8
1955	246.0 22	173.0 19	130.0 15	95.0 13	74.0 11	41.0 15	28.0 18	21.0 18	14.0 19
1956	10.0 42	7.1 42	4.9 42	4.8 42	3.3 42	2.0 42	1.4 42	1.0 42	0.9 42
1957	869.0 4	388.0 9	185.0 10	94.0 14	66.0 14	44.0 13	36.0 14	28.0 13	18.0 15
1958	758.0 7	420.0 8	277.0 6	185.0 4	129.0 4	87.0 4	63.0 6	48.0 6	37.0 6
1959	211.0 24	148.0 23	71.0 25	43.0 25	36.0 25	23.0 25	16.0 26	12.0 26	7.7 30
1960	754.0 8	484.0 6	274.0 7	168.0 7	147.0 2	95.0 3	72.0 5	57.0 5	42.0 5
1961	90.0 37	57.0 36	28.0 38	26.0 33	20.0 34	12.0 34	8.1 35	6.0 35	4.2 36
1962	267.0 19	157.0 21	98.0 21	76.0 17	59.0 15	54.0 11	44.0 9	42.0 7	31.0 9
1963	266.0 20	212.0 16	128.0 17	81.0 15	49.0 17	29.0 20	22.0 23	17.0 23	12.0 23
1964	284.0 18	232.0 13	129.0 16	74.0 18	41.0 19	31.0 18	26.0 19	19.0 19	13.0 22
1965	104.0 34	64.0 34	55.0 29	43.0 26	36.0 26	33.0 16	30.0 17	26.0 16	18.0 16
1966	1570.0 3	966.0 2	491.0 2	357.0 1	240.0 1	138.0 1	117.0 1	105.0 1	72.0 1
1967	152.0 31	74.0 32	41.0 33	26.0 34	17.0 35	12.0 35	9.6 33	7.2 34	5.3 34
1968	380.0 15	293.0 12	172.0 13	112.0 10	88.0 8	81.0 6	76.0 3	69.0 3	49.0 4
1969	206.0 25	128.0 24	75.0 23	56.0 23	39.0 20	26.0 23	22.0 20	19.0 20	14.0 20
1970	2130.0 1	877.0 3	434.0 3	208.0 3	107.0 7	55.0 10	37.0 12	28.0 14	22.0 14
1971	170.0 30	115.0 26	73.0 24	64.0 21	38.0 22	22.0 27	16.0 27	12.0 27	7.9 28
1972	374.0 16	160.0 20	106.0 19	65.0 20	44.0 18	27.0 22	31.0 16	25.0 17	17.0 17
1973	776.0 6	579.0 4	333.0 4	182.0 5	141.0 3	100.0 2	76.0 4	62.0 4	52.0 3
1974	41.0 41	31.0 41	19.0 39	15.0 39	10.0 39	5.5 39	5.0 38	3.7 38	2.5 39

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
5.09	3.43	16.6	16.1	20.9	26.4	9.78	1.85	0.33	5.36	12.0	9.07
212	34.8	1426	551	727	944	169	11.9	0.90	57.6	183	472
14.5	5.90	37.8	23.5	27.0	30.7	13.0	3.45	0.95	7.59	13.5	21.7
4.57	2.56	4.11	1.97	1.40	1.58	1.93	3.05	3.87	1.69	2.36	3.82
2.86	1.72	2.28	1.46	1.29	1.16	1.33	1.87	2.85	1.42	1.13	2.39
4.01	2.71	13.1	12.7	16.5	20.8	7.70	1.45	0.26	4.22	9.45	7.15

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
10.5	96.0	9.80	1.91	0.93	-0.233

09484200 BEAR CREEK NEAR TUCSON, AZ

LOCATION.--Lat 32°18'22", long 110°48'03", in NW¼ sec.15, T.13 S., R.15 E., Pima County, on left bank 0.8 mi (1.3 km) upstream from mouth and 15 mi (24 km) northeast of City Hall in Tucson.

DRAINAGE AREA.--16.3 mi² (42.2 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1960	575	01-11-60	2.30	1960	6210
1961	53	09-12-61	1.27	1961	99
1962	225	12-16-61	1.96	1962	4800
1963	357	02-11-63	2.17	1963	2130
1964	433	09-13-64	2.38	1964	2080
1965	192	02-07-65	1.90	1965	3130
1966	1150	12-22-65	4.90	1966	11400
1967	13	09-25-67	1.46	1967	266
1968	621	12-20-67	3.36	1968	6180
1969	214	01-15-69	2.40	1969	1420
1970	670	09-06-70	3.60	1970	2420
1971	495	08-19-71	3.16	1971	182
1972	247	10-01-71	2.33	1972	1760
1973	618	10-19-72	3.35	1973	8480
1974	57	01-09-74	1.31	1974	371

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1960	129	40	7	8		5		15	16	3	5	6	8	20	9	2	9	7	5	7	14	19	6	4	12	4	1	2		2	1					
1961	255	11	5	15		22		29	6	8	6		2	1	2	1	1																			
1962	167	6	6	32		7		4	4	2	1	1	2	4	2	4	7	11	14	15	16	22	21	10	5		1	1								
1963	65	41	24	40		27		17	12	16	5	4	9	21	16	17	9	9	7	2	5	8	5	2	1	1	1	1								
1964	165	22	44	7		9		7	7	10	5	6	6	13	10	15	9	5	3	4	1	4	4	3	2	3	2									
1965	140							7	22	20	14	12	19	4	6	14	16	13	15	15	18	14	8	6		1	1									
1966	134							9	11	9	9	3	3	17	16	14	9	6	9	9	19	19	10	18	23	8	3	2	2		1	2				
1967	126							47	27	54	42	27	24	11	3	1	1	2																		
1968	140							23	13	13	4	1	12	13	6	5	10	14	21	11	18	23	10	13	6	6	1	2		1						
1969	140							35	18	14	18	4	17	25	26	24	18	10	7	1																
1970	148							22	13	29	36	27	17	11	6	11	9	6	2	4	3	12	4	1	1	1	1				1					
1971	316							16	6	3	4	2	3	3	2	2	1	3	1	1																
1972	212							14	14	9	9	7	14	22	11	8	4	13	6	3	3	5	4	4	2	2										
1973	77		3	8		10		10	4	7	11	7	6	29	18	18	24	21	18	16	17	15	9	16	6	7	2	1	2	2	1					
1974	197	8	3	24		33		20	17	13	6	3	3	12	2	7	8	5																		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2411	5479	100.0	12	0.9	145	1641	30.0	24	43	59	130	2.3
1	0.01	128	3068	56.0	13	1.2	206	1496	27.3	25	60	33	71	1.2
2	0.02	92	2940	53.7	14	1.7	135	1290	23.5	26	83	13	38	.6
3	0.03	134	2848	52.0	15	2.4	143	1155	21.1	27	110	10	25	.4
4	0.05	0	2714	49.5	16	3.3	135	1012	18.5	28	160	4	15	.2
5	0.06	113	2714	49.5	17	4.5	125	877	16.0	29	220	5	11	.2
6	0.09	0	2601	47.5	18	6.3	108	752	13.7	30	300	4	6	.1
7	0.10	275	2601	47.5	19	8.6	89	644	11.8	31	410	2	2	
8	0.20	190	2326	42.5	20	12.0	116	555	10.1	32				
9	0.30	210	2136	39.0	21	16.0	147	439	8.0	33				
10	0.50	175	1926	35.2	22	23.0	83	292	5.3	34				
11	0.70	110	1751	32.0	23	31.0	79	209	3.8					

GILA RIVER BASIN

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09484200 BEAR CREEK NEAR TUCSON, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1960	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.03 4
1961	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.01 3
1962	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.62 8
1963	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.01 11	0.03 9	1.10 10
1964	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.00 4	0.05 5
1965	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.00 5	1.30 12
1966	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.02 13	0.17 13	3.20 15
1967	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.03 14	0.11 12	0.10 6
1968	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 6	0.42 14	1.10 11
1969	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.01 12	0.07 11	0.64 9
1970	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 7	0.06 10	1.60 13
1971	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 8	0.00 6	0.00 1
1972	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 9	0.00 7	0.00 2
1973	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.11 15	0.59 15	0.45 15	2.80 14
1974	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 14	0.00 10	0.03 8	0.14 7

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1960	316.0 3	225.0 3	138.0 2	92.0 2	66.0 2	44.0 3	31.0 3	25.0 3	17.0 3
1961	23.0 13	10.0 14	4.9 14	2.4 14	1.2 14	0.6 15	0.4 15	0.3 15	0.2 15
1962	129.0 8	78.0 8	50.0 8	39.0 6	29.0 5	26.0 5	21.0 5	20.0 5	13.0 5
1963	153.0 6	110.0 6	69.0 6	43.0 5	24.0 6	14.0 8	9.7 8	7.3 9	4.8 9
1964	106.0 9	82.0 7	64.0 7	36.0 7	20.0 7	15.0 6	11.0 7	8.3 7	5.7 7
1965	97.0 10	48.0 11	30.0 11	24.0 10	19.0 8	15.0 7	14.0 6	13.0 6	8.4 6
1966	468.0 1	321.0 1	176.0 1	142.0 1	99.0 1	56.0 1	51.0 1	43.0 1	29.0 1
1967	5.6 15	3.5 15	2.2 15	1.4 15	1.1 15	0.7 14	0.8 14	0.7 14	0.5 14
1968	265.0 5	154.0 5	87.0 4	58.0 4	38.0 4	35.0 4	30.0 4	25.0 4	16.0 4
1969	142.0 7	68.0 9	34.0 10	22.0 11	13.0 11	7.8 11	6.3 10	5.0 10	3.4 11
1970	361.0 2	163.0 4	76.0 5	36.0 8	18.0 9	9.3 9	6.2 11	4.8 11	4.0 10
1971	16.0 14	13.0 13	7.8 13	4.4 13	3.0 13	1.5 13	1.0 13	0.8 13	0.5 13
1972	80.0 11	56.0 10	44.0 9	25.0 9	15.0 10	8.1 10	9.0 9	7.4 8	4.9 8
1973	314.0 4	228.0 2	130.0 3	74.0 3	63.0 3	44.0 2	31.0 2	26.0 2	21.0 2
1974	28.0 12	18.0 12	9.5 12	6.6 12	3.9 12	2.1 12	1.4 12	1.1 12	0.7 12

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
3.15	1.03	12.7	10.2	12.4	8.82	2.07	0.22	0.00	0.66	1.80	3.63
55.0	2.02	533	223	233	138	12.3	0.45	0.00	4.14	5.88	45.2
7.41	1.42	23.1	14.9	15.3	11.7	3.50	0.67	0.01	2.03	2.42	6.72
2.94	1.10	2.89	2.43	0.91	1.63	2.36	3.83	3.85	3.66	1.24	1.96
2.35	1.38	1.82	1.46	1.23	1.33	1.69	3.10	3.66	3.09	1.35	1.85
5.56	1.82	22.4	18.0	21.8	15.6	3.66	0.38	0.00	1.16	3.18	6.41

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
4.69	21.7	4.65	1.19	0.99	-0.452

LOCATION.--Lat 31°59'08", long 110°33'57", in NW¼ sec.1, T.17 S., R.17 E., Pima County, on downstream end of first pier from right abutment of bridge on Interstate Highway 10, and 1.2 mi (1.9 km) southeast of Pantano.

DRAINAGE AREA.--289 mi² (749 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATFR YEAR	TOTAL VOLUME, ACRE-FT
1968	1870	07-26-68	4.06	1969	605
1969	990	07-22-69	3.40	1970	1790
1970	1770	07-20-70	3.98	1971	2760
1971	2240	08-03-71	4.51	1972	1140
1972	1930	09-13-72	4.46	1973	730
1973	878	02-22-73	4.10	1974	4500
1974	2570	07-19-74	5.05	1975	393
1975	1550	09-02-75	4.40		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
													NUMBER	OF	DAYS	IN	CLASS																			
1969	346				1					1			3	1	1		3				3				1	4	1									
1970	340							1			1	1	1	2	2	1		2	2	1		2	1	1		1		3		3						
1971	332		1		1	1			1				2		4	2	3	2	1		1			1		4	2	6		1						
1972	338						2		1		2	2	6	2	1	2					2	1			2	1		1								
1973	346	1		1					3			1	1		2			2		2	2		1		2	1		1								
1974	344											2		1				1		2						1	2									
1975	352	1								1	1		1	1	1	1	1		2	1			1	1		1	2		2	3	1	2	1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2398	2556	100.0	12	0.8	14	131	5.1	24	38	7	47	1.8
1	0.01	1	158	6.2	13	1.2	7	117	4.6	25	52	10	40	1.5
2	0.02	2	157	6.1	14	1.6	11	110	4.3	26	71	8	30	1.1
3	0.03	3	155	6.1	15	2.2	6	99	3.9	27	97	9	22	.8
4	0.04	3	155	6.1	16	3.0	7	93	3.6	28	130	6	13	.5
5	0.06	1	152	5.9	17	4.1	7	86	3.4	29	180	4	7	.2
6	0.09	0	151	5.9	18	5.6	5	79	3.1	30	250	2	3	.1
7	0.10	3	151	5.9	19	7.7	11	74	2.9	31	350	1	1	
8	0.20	5	148	5.8	20	11.0	4	63	2.5	32				
9	0.30	2	143	5.6	21	15.0	4	59	2.3	33				
10	0.40	4	141	5.5	22	20.0	3	55	2.2	34				
11	0.60	6	137	5.4	23	27.0	5	52	2.0					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

[illegible]

GILA RIVER BASIN

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09484560 CIENEGA CREEK NEAR PANTANO, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1969	53.0 7	32.0 7	21.0 7	13.0 7	8.1 6	5.1 5	3.4 5	2.5 5	1.7 6
1970	166.0 5	79.0 3	56.0 3	29.0 3	19.0 3	14.0 3	10.0 3	7.5 3	4.9 3
1971	238.0 2	135.0 2	92.0 1	60.0 2	40.0 2	22.0 2	15.0 2	12.0 2	7.6 2
1972	213.0 3	77.0 4	50.0 4	25.0 4	13.0 4	8.6 4	5.7 4	4.3 4	2.8 4
1973	200.0 4	74.0 5	32.0 5	15.0 5	8.8 5	4.4 6	2.9 6	2.2 6	2.0 5
1974	486.0 1	212.0 1	91.0 2	81.0 1	60.0 1	31.0 1	25.0 1	19.0 1	12.0 1
1975	95.0 6	56.0 6	26.0 6	13.0 6	6.4 7	3.3 7	2.2 7	1.6 7	1.4 7

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.31	0.00	0.00	0.00	1.13	0.17	0.00	0.00	0.32	11.3	9.16	5.55
0.54	0.00	0.00	0.00	9.00	0.22	0.00	0.00	0.83	319	170	29.1
0.73	0.00	0.00	0.01	3.00	0.47	0.00	0.00	0.91	17.9	13.1	5.40
2.60	2.65	*****	2.65	2.65	2.83	*****	*****	2.83	2.45	2.07	0.50
2.40	2.65	*****	2.65	2.65	2.83	*****	*****	2.83	1.58	1.42	0.97
1.09	0.00	0.00	0.01	4.06	0.59	0.00	0.00	1.16	40.5	32.8	19.8

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.35	4.16	2.04	1.33	0.87	-0.584

***** Skewness and coefficient of variation could not be computed owing to a zero-value month.

GILA RIVER BASIN

09484590 DAVIDSON CANYON WASH NEAR VAIL, AZ

LOCATION.--Lat 31°59'37", long 110°38'40", in SW¼SE¼ sec.31, T.16 S., R.17 E., Pima County, on right bank 0.3 mi (0.5 km) upstream from Interstate Highway 10, 2.0 mi (3.2 km) upstream from mouth, and 5.5 mi (8.8 km) southeast of Vail.

DRAINAGE AREA.--50.5 mi² (130.8 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1968	3040	07-26-68	5.14	1969	470
1969	587	08-05-69	3.80	1970	1040
1970	6860	07-20-70	7.95	1971	835
1971	1490	08-10-71	3.73	1972	256
1972	1320	09-07-72	3.61	1973	0
1973	28	10-19-72	2.22	1974	754
1974	1460	09-21-74	4.0	1975	208
1975	708	07-08-75	3.20		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1969	49	1		1		5	4	1	10	10	36	12	78	106	21	15	11	3				1				1										
1970	342			2	2	3	1	1	2	3									1		2	1					1			1	2		1	1		
1971	233	11	5	5	4	15	12	4	34	12	13	2	1		1						1	2	1		1	1	3	1	1	2						
1972	331	2	2	2	1	3		1	5	5	5	3	1	2		1			1														1			
1973	362						1		2																											
1974	344		1	2		1			3	1						1		1		1					1	1	2	2		3	1					
1975	359								1				1				1							1				2								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2020	2556	100.0	12	0.5	81	284	11.1	24	16	2	27	1.0
1	0.01	14	536	21.0	13	0.7	108	203	7.9	25	21	4	25	.9
2	0.02	8	522	20.4	14	0.9	22	95	3.7	26	28	5	21	.8
3	0.03	12	514	20.1	15	1.2	17	73	2.9	27	38	4	16	.6
4	0.04	7	502	19.6	16	1.6	12	56	2.2	28	50	6	12	.4
5	0.05	23	495	19.4	17	2.2	4	44	1.7	29	66	3	6	.2
6	0.07	19	472	18.5	18	2.9	2	40	1.6	30	88	2	3	.1
7	0.09	10	453	17.7	19	3.9	1	38	1.5	31	120	1	1	
8	0.10	57	443	17.3	20	5.1	4	37	1.4	32				
9	0.20	31	386	15.1	21	6.8	3	33	1.3	33				
10	0.30	54	355	13.9	22	9.1	1	30	1.2	34				
11	0.40	17	301	11.8	23	12.0	2	29	1.1					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1969	0.00 1	0.00 1	0.00 1	0.00 1	0.01 7	0.26 7	0.33 7	0.38 7	0.43 7
1970	0.00 2	0.00 2	0.00 2	0.00 2	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1
1971	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	0.00 2	0.00 2	0.00 2	0.04 6
1972	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2
1973	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3
1974	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4
1975	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5

GILA RIVER BASIN

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09484590 DAVIDSON CANYON WASH NEAR VAIL, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1969	22.0 6	7.8 6	4.3 6	2.2 6	1.4 6	1.2 6	1.0 6	1.0 5	0.9 4
1970	231.0 1	112.0 1	48.0 1	23.0 1	18.0 1	8.8 1	5.8 1	4.4 1	2.9 1
1971	70.0 4	53.0 2	23.0 2	19.0 2	12.0 2	6.8 2	4.5 2	3.4 2	2.3 2
1972	117.0 2	40.0 4	17.0 4	8.0 4	4.0 4	2.0 4	1.3 4	1.0 4	0.7 5
1973	0.2 7	0.1 7	0.0 7	0.0 7	0.0 7	0.0 7	0.0 7	0.0 7	0.0 7
1974	75.0 3	45.0 3	20.0 3	9.4 3	8.0 3	4.9 3	4.2 3	3.2 3	2.1 3
1975	49.0 5	16.0 5	7.0 5	3.3 5	1.7 5	1.5 5	1.2 5	0.9 6	0.6 6

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.10	0.14	0.23	0.11	0.18	0.20	0.15	0.11	0.07	2.48	3.40	2.06
0.07	0.13	0.26	0.08	0.10	0.10	0.06	0.04	0.02	15.5	15.9	7.68
0.27	0.36	0.51	0.28	0.31	0.31	0.24	0.20	0.13	3.93	3.99	2.77
2.65	2.65	2.49	2.64	1.46	1.30	1.31	1.45	1.57	1.86	1.22	1.71
2.61	2.65	2.21	2.55	1.77	1.57	1.61	1.78	1.88	1.58	1.17	1.34
1.11	1.47	2.49	1.17	1.90	2.17	1.58	1.23	0.75	26.9	36.8	22.4

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.70	0.28	0.53	0.11	0.75	-0.000

GILA RIVER BASIN

09484600 PANTANO WASH NEAR VAIL, AZ

LOCATION.--Lat 32°02'09", long 110°40'37", in SW¼SE¼ sec.14, T.16 S., R.16 E., Pima County, on right bank 60 ft (18 m) upstream from dam, 2.2 mi (3.5 km) southeast of Vail, 2.4 mi (3.9 km) southwest of Pistol Hill, and 20 mi (32 km) southeast of City Hall in Tucson.

DRAINAGE AREA.--457 mi² (1,184 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1958	38000	08-11-58	24.00	1960	4080
1959	9310	08-17-59	9.60	1961	5260
1960	7300	08-09-60	8.30	1962	2000
1961	5280	08-28-61	6.87	1963	7540
1962	1500	09-26-62	3.65	1964	93400
1963	9700	08-25-63	10.90	1965	2460
1964	4960	09-10-64	11.06	1966	4710
1965	5880	09-12-65	8.23	1967	6180
1966	7410	08-13-66	9.25	1968	6620
1967	7680	08-18-67	9.54	1969	1660
1968	2640	12-20-67	5.46	1970	3680
1969	857	08-05-69	3.40	1971	6980
1970	6850	07-20-70	8.95	1972	1860
1971	8700	08-19-71	10.34	1973	2930
1972	1460	09-07-72	4.65	1974	2500
1973	371	10-04-72	3.10		
1974	1780	07-20-74	7.05		
1975	1700	09-02-75	6.70		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1960														NUMBER OF DAYS IN CLASS																						
													10	1	4	2	1	2	12	4	2		1			2			1	1						
1961																																				
1962																																				
1963																																				
1964																																				
1965																																				
1966																																				
1967																																				
1968																																				
1969																																				
1970																																				
1971																																				
1972																																				
1973																																				
1974																																				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	56	5479	100.0	12	3.7	127	600	11.0	24	100	26	79	1.4
1	0.10	241	5423	99.0	13	4.9	60	473	8.6	25	140	18	53	.9
2	0.20	97	5182	94.6	14	6.4	46	413	7.5	26	180	15	35	.6
3	0.30	107	5085	92.8	15	8.5	48	365	6.7	27	240	6	20	.3
4	0.40	161	4978	90.9	16	11.0	27	317	5.8	28	310	4	14	.2
5	0.50	162	4817	87.9	17	15.0	42	290	5.3	29	410	3	10	.1
6	0.70	467	4655	85.0	18	20.0	41	248	4.5	30	550	4	7	.1
7	0.90	770	4188	76.4	19	26.0	36	207	3.8	31	720	1	3	
8	1.20	1053	3418	62.4	20	34.0	20	171	3.1	32	950	2	2	
9	1.60	896	2365	43.2	21	45.0	33	151	2.8	33				
10	2.10	539	1469	26.8	22	59.0	21	118	2.2	34				
11	2.80	330	930	17.0	23	78.0	18	97	1.8					

GILA RIVER BASIN

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09484600 PANTANO WASH NEAR VAIL, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1960	0.90 14	0.90 14	0.90 12	0.90 11	1.00 10	1.19 12	1.40 12	1.50 11	2.20 12
1961	1.00 15	1.00 15	1.00 15	1.00 13	1.00 11	1.10 9	1.19 8	1.30 7	1.50 6
1962	0.80 13	0.87 13	0.90 13	0.93 12	1.10 12	1.19 10	1.19 9	1.30 8	1.70 9
1963	0.70 12	0.77 12	0.79 10	0.79 9	0.86 8	0.93 8	0.93 6	0.93 5	0.96 4
1964	0.40 10	0.47 9	1.00 14	1.10 14	1.10 13	1.19 11	1.30 10	1.40 10	1.50 7
1965	0.30 8	0.40 8	0.40 8	0.40 7	0.93 9	1.40 13	1.60 13	1.70 12	1.80 10
1966	0.20 4	0.20 4	0.24 4	0.26 4	0.33 4	0.64 5	1.30 11	1.70 13	7.00 15
1967	0.40 9	0.57 10	0.89 11	1.30 15	1.50 15	1.60 15	1.80 15	1.80 14	2.30 13
1968	0.60 11	0.60 11	0.61 9	0.82 10	1.19 14	1.50 14	1.60 14	2.20 15	3.10 14
1969	0.20 5	0.20 5	0.24 5	0.39 6	0.46 5	0.53 4	0.91 5	1.30 9	1.80 11
1970	0.30 6	0.30 6	0.31 6	0.36 5	0.63 6	0.82 7	0.86 4	0.87 3	0.88 3
1971	0.00 1	0.00 1	0.00 1	0.00 1	0.14 2	0.24 2	0.41 2	0.71 2	0.83 2
1972	0.30 7	0.30 7	0.39 7	0.46 8	0.64 7	0.74 6	0.78 3	0.95 6	1.19 5
1973	0.00 2	0.00 2	0.00 2	0.00 2	0.15 3	0.33 3	1.00 7	0.88 4	1.70 8
1974	0.00 3	0.00 3	0.00 3	0.00 3	0.05 1	0.10 1	0.10 1	0.10 1	0.10 1

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1960	337.0 8	196.0 8	89.0 7	46.0 9	27.0 10	15.0 11	10.0 11	8.1 11	5.9 11
1961	220.0 11	169.0 9	89.0 8	71.0 7	51.0 6	35.0 5	24.0 6	18.0 6	13.0 6
1962	158.0 12	56.0 13	24.0 14	13.0 14	9.1 14	6.3 14	5.4 13	4.3 13	3.3 13
1963	898.0 3	396.0 3	234.0 3	148.0 3	95.0 3	58.0 2	39.0 2	30.0 2	20.0 2
1964	2230.0 1	818.0 1	379.0 1	205.0 1	106.0 1	66.0 1	48.0 1	36.0 1	24.0 1
1965	297.0 9	160.0 11	44.0 12	21.0 12	17.0 12	9.4 12	7.8 12	6.2 12	4.7 12
1966	550.0 6	381.0 4	178.0 4	94.0 4	53.0 4	38.0 4	30.0 4	23.0 4	16.0 4
1967	490.0 7	203.0 7	162.0 6	90.0 5	52.0 5	33.0 6	26.0 5	20.0 5	14.0 5
1968	952.0 2	355.0 5	173.0 5	86.0 6	45.0 8	25.0 7	18.0 7	15.0 7	11.0 7
1969	74.0 15	31.0 15	17.0 15	10.0 15	6.7 15	4.9 15	3.5 15	2.8 15	2.5 15
1970	568.0 5	204.0 6	88.0 9	58.0 8	46.0 7	25.0 8	18.0 8	14.0 8	9.3 8
1971	603.0 4	500.0 2	275.0 2	153.0 2	96.0 2	53.0 3	37.0 3	27.0 3	18.0 3
1972	140.0 14	52.0 14	27.0 13	17.0 13	9.3 13	7.1 13	4.9 14	3.9 14	3.0 14
1973	146.0 13	83.0 12	51.0 10	29.0 11	25.0 11	18.0 9	13.0 10	9.8 10	7.0 9
1974	245.0 10	104.0 10	46.0 11	40.0 10	27.0 9	16.0 10	14.0 9	10.0 9	6.8 10

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.36	1.44	7.82	2.99	4.84	3.06	1.80	1.22	1.08	14.0	27.2	14.0
4.34	0.58	253	16.8	80.5	18.4	1.34	0.22	0.38	179	877	613
2.08	0.76	15.9	4.09	8.97	4.28	1.16	0.47	0.62	13.4	29.6	24.8
1.19	0.31	2.41	3.47	3.31	3.34	1.79	-0.73	0.65	1.41	1.36	3.72
0.88	0.53	2.03	1.37	1.85	1.40	0.64	0.38	0.57	0.96	1.09	1.77
2.89	1.77	9.56	3.65	5.91	3.74	2.20	1.49	1.32	17.1	33.2	17.1

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
6.70	14.2	3.77	0.49	0.56	-0.111

09485000 RINCON CREEK NEAR TUCSON, AZ

LOCATION.--Lat 32°07'46", long 110°37'32", in NW 1/4 sec.17, T.15 S., R.17 E., Pima County, on left bank 0.2 mi (0.3 km) north of Sentinel Butte, 9 mi (14.5 km) upstream from mouth, and 22 mi (35.4 km) southeast of City Hall in Tucson.

DRAINAGE AREA.--44.8 mi² (116.0 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT.FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1953	194	07-30-53	3.78				1953	591
1954	2160	08-19-54	6.50				1954	2770
1955	8250	08-03-55	9.90				1955	4760
1956	150	07-20-56	4.35				1956	52
1957	3570	01-09-57	7.37				1957	5410
1958	492	03-22-58	5.46	NM	5.60	08-24-58	1958	4160
1959	5220	10-21-58	8.50				1959	2230
1960	747	01-12-60	5.69				1960	5680
1961	2600	08-22-61	6.92				1961	764
1962	227	01-24-62	4.36				1962	4530
1963	3420	08-25-63	7.47				1963	4370
1964	948	09-23-64	5.30				1964	1240
1965	311	08-18-65	4.68				1965	966
1966	3100	12-22-65	7.25				1966	17600
1967	157	08-13-67	3.90				1967	73
1968	1860	02-12-68	6.26				1968	6600
1969	548	09-06-69	4.88				1969	988
1970	1200	08-01-70	5.67				1970	1600
1971	9660	08-19-71	10.50				1971	4970
1972	360	07-16-72	4.55				1972	2600
1973	1440	10-19-72	5.89				1973	11900
1974	664	08-01-74	4.94				1974	280
1975	340	09-02-75	4.63					

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
														NUMBER	OF	DAYS	IN	CLASS																		
1953	296						20	13	2	5	2	1	2	5	1	1	2	4	2	3	3	3														
1954	295						12	8	5	5	1	1	3	3	4	1	5	2	1	8	2	2	1	1	2											
1955	295						7	3		8	2	4	5	1	2	1	3	3	2	4	2	6	4	5	1	2	2	3		1						
1956	250						89	21	1	2			1		1			1																		
1957	208						12	7	5	17	16	10	13	10	11	8	8	6	5	6	6	5	2	3	1			4	1							
1958	153						19	28	33	23	9	7	8	12	11	5	2	2	5	8	14	12	7	3	2	1										
1959	181						73	25	6	15	12	2	5	4	6	4	5	5	5	4	4	1	1	4		2										
1960	204						15	15	3	3	8	4	5	12	7	4	5	9	14	18	14	5	5	8	5	1	1	1								
1961	316						9	5	3	4	1	2	1	4	2	5	3	2	1	4																
1962	191						16	10	6	14	1	1	2		1	7	6	11	35	25	17	15	3	2	2	1										
1963	213						10	14	2	16	8	6	7	6	12	11	8	7	9	9	9	3	7	1	1	4	1	1								
1964	322						3	3		4	2		2	4	2	4	3	1	4	2	3	3	1		3											
1965	137						71	18	8	15	4	11	13	20	15	18	21	5	6	3																
1966	114						13	18	9	9	8	9	16	8	6	7	8	8	12	4	15	24	34	18	16	3										
1967	289						25	4	26	18		1				1																				
1968	139						14	13	13	16	12	6	6	6	7	12	31	28	17	14	6	8	6	2	3		1									
1969	238	1		1	1	1	2	6	5	6	8	5	23	21	10	10	11	6	3	3	3															
1970	172		7	18	32	36	13	12	7	9	20	5	2	4	4	4	2	3	4	4	3	1		1			1									
1971	286		3	2			2	1					1	4	19	7	1	1	1	1	12	7	4	1	3	2	3	1	1							
1972	155	2	1	3	2	3	14	7	18	24	8	12	21	22	7	10	9	6	11	5	11	11	2	1	1											
1973	89	4	4	6	2	3	17	3	3	11	16	26	35	11	13	17	12	14	19	12	10	7	5	11	1	6	2	3	1	1	1					
1974	305	4	2	4	2	2	21	8	1	1	4	3	2		1			1	1	1	1		1													

NM Not maximum gage height for water year.

GILA RIVER BASIN

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09485000 RINCON CREEK NEAR TUCSON, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--Continued

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	4848	8035	100.0	12	1.2	176	1677	20.9	24	77	40	105	1.3
1	0.01	11	3187	39.7	13	1.7	172	1501	18.7	25	110	24	65	.8
2	0.02	18	3176	39.5	14	2.4	130	1329	16.5	26	150	15	41	.5
3	0.03	34	3158	39.3	15	3.5	131	1199	14.9	27	220	12	26	.3
4	0.05	42	3124	38.9	16	4.9	145	1068	13.3	28	310	7	14	.1
5	0.07	45	3082	38.4	17	6.9	125	923	11.5	29	430	1	7	
6	0.10	470	3037	37.8	18	9.7	158	798	9.9	30	610	5	6	
7	0.20	246	2567	31.9	19	14.0	149	640	8.0	31	860	1	1	
8	0.30	159	2321	28.9	20	19.0	129	491	6.1	32				
9	0.40	226	2162	26.9	21	27.0	111	362	4.5	33				
10	0.60	142	1936	24.1	22	39.0	82	251	3.1	34				
11	0.90	117	1794	22.3	23	54.0	64	169	2.1					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1953	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.60 12
1954	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	2.10 18
1955	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 1
1956	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 2
1957	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.07 17	1.50 16
1958	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.07 19	0.71 21	3.70 20
1959	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	0.01 12	0.04 8
1960	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	0.00 5	0.08 9
1961	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 8	0.00 6	0.00 3
1962	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 9	0.00 7	0.66 13
1963	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 10	0.06 14	4.00 21
1964	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 11	0.00 8	0.00 4
1965	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 12	0.07 15	0.87 15
1966	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.36 21	0.64 20	4.40 22
1967	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 13	0.00 9	0.00 5
1968	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.17 20	0.99 22	1.70 17
1969	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 14	0.10 18	0.56 11
1970	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.01 22	0.05 18	0.07 16	0.83 14
1971	0.00 19	0.00 19	0.00 19	0.00 19	0.00 19	0.00 18	0.00 15	0.00 10	0.00 6
1972	0.00 20	0.00 20	0.00 20	0.00 20	0.00 20	0.00 19	0.01 17	0.05 13	0.18 10
1973	0.00 21	0.00 21	0.00 21	0.00 21	0.00 21	0.00 20	0.45 22	0.37 19	3.50 19
1974	0.00 22	0.00 22	0.00 22	0.00 22	0.00 22	0.00 21	0.00 16	0.00 11	0.04 7

09485000 RINCON CREEK NEAR TUCSON, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1953	32.0 19	27.0 18	21.0 17	12.0 18	6.3 19	3.2 19	2.1 19	1.6 19	1.6 19
1954	395.0 6	235.0 6	115.0 7	56.0 9	30.0 10	17.0 11	11.0 12	8.4 12	7.6 11
1955	392.0 7	185.0 8	106.0 8	91.0 4	71.0 3	40.0 6	27.0 6	20.0 6	13.0 6
1956	7.5 22	2.8 22	1.3 22	0.7 22	0.4 22	0.3 22	0.2 21	0.2 21	0.1 21
1957	754.0 3	329.0 4	154.0 5	72.0 7	44.0 8	22.0 10	15.0 10	12.0 10	7.8 10
1958	249.0 10	146.0 10	105.0 9	71.0 8	47.0 7	29.0 7	19.0 7	15.0 8	11.0 8
1959	225.0 12	97.0 12	74.0 12	41.0 11	23.0 13	12.0 13	7.9 13	5.9 13	3.9 14
1960	269.0 9	190.0 7	125.0 6	94.0 3	64.0 4	42.0 3	31.0 4	24.0 4	16.0 4
1961	138.0 13	65.0 14	31.0 16	17.0 16	11.0 16	6.4 16	4.3 18	3.2 18	2.1 18
1962	104.0 14	68.0 13	48.0 13	33.0 15	25.0 11	23.0 9	19.0 8	19.0 7	12.0 7
1963	248.0 11	136.0 11	77.0 11	54.0 10	39.0 9	24.0 8	16.0 9	12.0 9	8.5 9
1964	102.0 15	57.0 16	45.0 15	35.0 14	19.0 15	10.0 15	6.9 15	5.2 15	3.4 15
1965	17.0 20	13.0 20	13.0 19	8.9 19	6.8 18	5.5 17	4.5 17	3.8 16	2.5 16
1966	977.0 1	590.0 1	297.0 1	209.0 1	150.0 1	91.0 1	82.0 1	68.0 1	45.0 1
1967	13.0 21	4.3 21	1.9 21	0.9 21	0.6 21	0.3 21	0.2 22	0.2 22	0.1 22
1968	684.0 4	331.0 3	176.0 3	89.0 5	50.0 6	41.0 4	32.0 3	26.0 3	17.0 3
1969	76.0 17	36.0 17	17.0 18	13.0 17	7.4 17	5.3 18	4.6 16	3.6 17	2.3 17
1970	276.0 8	159.0 9	80.0 10	38.0 12	20.0 14	11.0 14	7.1 14	5.4 14	4.1 13
1971	634.0 5	324.0 5	161.0 4	81.0 6	59.0 5	41.0 5	27.0 5	21.0 5	14.0 5
1972	77.0 16	60.0 15	47.0 14	35.0 13	23.0 12	14.0 12	13.0 11	10.0 11	7.0 12
1973	858.0 2	550.0 2	278.0 2	141.0 2	124.0 2	79.0 2	55.0 2	42.0 2	32.0 2
1974	50.0 18	20.0 19	10.0 20	4.7 20	2.4 20	1.2 20	0.8 20	0.6 20	0.4 20

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
2.09	0.59	9.48	8.25	11.6	10.4	2.38	0.16	0.08	1.09	12.1	5.29
32.4	1.38	783	266	509	329	22.1	0.18	0.10	7.31	310	110
5.69	1.17	28.0	16.3	22.6	18.1	4.70	0.42	0.32	2.70	17.6	10.5
3.05	2.11	4.15	2.39	2.15	2.60	2.55	3.93	4.55	4.04	1.66	2.66
2.72	2.00	2.95	1.98	1.94	1.75	1.98	2.60	3.78	2.47	1.46	1.99
3.30	0.92	14.9	13.0	18.3	16.3	3.75	0.26	0.13	1.72	19.0	8.32

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
5.28	33.2	5.76	2.08	1.09	-0.445

09486000 RILLITO CREEK NEAR TUCSON, AZ

LOCATION.--Lat 32°17'41", long 110°59'00", in SW¼SE¼ sec.14, T.13 S., R.13 E., on right bank 600 ft (183 m) downstream from Pima Canyon, 1,800 ft (549 m) downstream from bridge on U.S. Highway 89, 4.8 mi (7.7 km) upstream from mouth, and 5.4 mi (8.7 km) north of City Hall in Tucson.

DRAINAGE AREA.--918 mi² (2,378 km²). At former site (sta 09485850), 892 mi² (2,310 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1915	17000	12-23-14			1914	8810
1916	7620	01-19-16			1916	52300
1917	10000	08-11-17			1917	9770
1918	5300	03-01-18			1918	12600
1919	9250	07-27-19			1919	37200
1920	7600	02-21-20			1920	26000
1921	16000	07-31-21			1921	42500
1922	3250	08-09-22			1922	5030
1923	4000	08-26-23			1923	6670
1924	1980	12-26-23			1924	5760
1925	3500	09-17-25			1925	4720
1926	1750	09-27-26			1926	1940
1927	2200	09-12-27			1927	4560
1928	4500	08-01-28			1928	1280
1929	24000	09-23-29			1929	26800
1930	4600	08-08-30			1930	10600
1931	7200	08-10-31			1931	12000
1932	7200	07-29-32			1932	14800
1933	4400	09-10-33			1933	1650
1934	3000	07-17-34			1934	2100
1935	13400	08-31-35			1935	18300
1936	4500	08-17-36			1936	3600
1937	2980	08-17-37			1937	4450
1938	3000	03-04-38			1938	2500
1939	9710	08-05-39			1939	6880
1940	13200	08-13-40			1940	8350
1941	9900	12-31-40			1941	29800
1942	1600	09-14-42			1942	2170
1943	3650	08-15-43			1943	2600
1944	4100	08-09-44			1944	3190
1945	7000	08-10-45			1945	3890
1946	4160	08-41-46			1946	3040
1947	7660	08-15-47			1947	4120
1948	779	09-26-48			1948	960
1949	1640	09-15-49			1949	2920
1950	9490	07-30-50			1950	7260
1951	9500	07-25-51			1951	4140
1952	1630	11-11-51			1952	6160
1953	5470	07-16-53			1953	1740
1954	7680	07-24-54			1954	13000
1955	8070	07-21-55			1955	12300
1956	2050	07-29-56		6.30	1956	315
1957	4500	01-09-57		7.14	1957	4220
1958	8930	08-12-58		9.64	1958	11300
1959	7710	08-17-59		8.86	1959	5250
1960	3610	01-12-60		6.98	1960	13500
1961	4140	07-22-61		7.36	1961	2720
1962	2690	09-26-62		6.48	1962	4360
1963	7640	08-26-63		9.20	1963	5730
1964	9420	09-10-64		8.58	1964	9500
1965	754	09-12-65		5.20	1965	1030
1966	12400	12-22-65		10.36	1966	53300
1967	3100	08-19-67	ES	6.84	1967	1890
1968	7740	02-12-68		5.44	1974	845
1969	2220	08-05-69		7.00	1975	555
1970	7000	09-06-70				
1971	9290	08-20-71		8.49		
1972	1820	08-12-72		6.35		
1973	5160	10-20-72		6.2		
1974	1440	08-02-74		6.94		
1975	2270	07-16-75				

ES Discharge estimated from another site.

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
													NUMBER	OF	DAYS	IN	CLASS																			
1914	331									1			2	1	6	1	3	4	5	2	3	1		1		1			2							
1916	272							1		1	2		2	1	10	5	3	5	4	11	7	9	7	5	9	6	1		3	1	1					
1917	333							1			1		1	1	3	2	2	3	2	4	3	2	1	2	1	1		2								
1918	343									2				3	3	1	1	1	1	1			1	1	1	1		2	1							
1919	276											5	6	2	8	2	2	21	18	2	4	2	3	1	2	2	2	4	2	1						
1920	267										7		2	2	9		3	8	6	9	8	14	14	5	7	4										
1921	328												2	1	3			6	2	4		4	2		5	1	2	1		3	1					
1922	341										1		1		7		1	4	1	3	2		2	2	2											
1923	329										3		3		1	4	1	2	4	4	2	5	2	1	2	2										
1924	333										1		2		5	1	3	4	5	2	2	3	3				2									
1925	342										2		2	1	1	1		1	2	3	2	1	3	2	2											
1926	338										3		5		3	1	3	4	3	1	2	1			1											
1927	309										3		1	1	11	3	4	6	8	8	5	2	2	1		1										
1928	352												1		3		3	2	1		1	1	1	1												
1929	331										3				2	1		2	1	6	3	2	1	6	2	2			1		1	1				
1930	330										3		3	1	4	2		2	1	4	2	2	1	3	4	2	2	1								
1931	321										2		4	2	3	6	3	3	1	6	1	3	3	1	1	2	2	1								
1932	286										6		8	3	4	3	5	6	8	9	9	7	6	1	2		2	1								
1933	320										10		5	5	9	1	10	2		1			1	1												
1934	338										8		2	1	2		3	1	2	2	3	1	1		1											
1935	312										10		4	2	9		5	1	3	2	2	5	2	1		3	2	1	1							
1936	338										4		4		3		3	3	1	2	1	2	1	3		1										
1937	331										5		1	3	6		4	2	2	2	1	5	1	1		1		1								
1938	344										3		4		4			4	3			1	1													
1939	345										2		2		1		2	3	2		1	3	1		1	1		1								
1940	346										4		2	1		2	3	1		1		2	1	1		1			1	1						
1941	286										9		4		6	2	2	4	3	12	6	7	7	4	4	5	3									
1942	332										4		2	1	2	3	3	2	8	2	3	1	1	1												
1943	343										2		3		1	1	2	3	3	3	2	2	1	2												
1944	342										6			1	5	2	2	1	1	1	1	1	1	1	1											
1945	318										9		3	2	9	4	4	4	5	2	2	2														
1946	339										2		1		3	2	3	4	1	3	2	2		2		1										
1947	348										3				3	1		1	2	1	1	1	1		1		1									
1948	347										1		1		3		3	4	2	2	2	1														
1949	333										3	1	1	5		4	3	1		3	1	2	3	2	1	1										
1950	343										1		3			2			3	2	1	2	4	1	1											
1951	346										1		2	1		2	3	1	2	2	4		1	1		2										
1952	321										1		5		5	6	3	5		7	2	2	4	1	1											
1953	349										1		1	1	1	1	1	1				2	1	1	1											
1954	328										1		3		3		6	5		6		1	4	4	2											
1955	329										2	1	1		1	1	3	1	6	2	4		4	6	2	2										
1956	357										2				3	1		1				1														
1957	342										1				3	2	3	3	4	1	5	1	1													
1958	301										1		2	5	2	2	3	6	2	10	7	8	5	1	3		2									
1959	336										1		3		4	1	1	1	9	3	3		2	2												
1960	322										1		1	2		2	2	6	5	6	6	1	1	2	2	2	2	1								
1961	348										1		1	1	1	2	2	1	1	2		1	1	2												
1962	323										2	1	2	4		3	3	4	7	3	4	2		1	1	2										
1963	339										2		1	1		1		4	5	5	1		2	1	1	1										
1964	337										1	1	1	2	3	1	1	4	2	4	3	1	1	1	1	1										
1965	327										1	1	2	1	2	5	3	5	3	7	4															
1966	284										2		1		4	1	2	5	2	11	4	11	7	7	7	8	4	2	1	2						
1967	356																1		2			1	1	1		1										
1974	357	1											1					2		2		1	1													
1975	357																1	2	2		2		1													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	18126	20088	100.0	12	1.6	97	1748	8.7	24	300	81	219	1.0
1	0.01	1	1962	9.8	13	2.5	71	1651	8.2	25	470	59	138	.6
2	0.02	0	1961	9.8	14	3.9	178	1580	7.9	26	720	30	79	.3
3	0.03	0	1961	9.8	15	6.1	99	1402	7.0	27	1100	22	49	.2
4	0.05	0	1961	9.8	16	9.4	108	1303	6.5	28	1700	14	27	.1
5	0.07	0	1961	9.8	17	14.0	184	1195	5.9	29	2600	10	13	
6	0.10	15	1961	9.8	18	22.0	162	1011	5.0	30	4100	3	3	
7	0.20	14	1946	9.7	19	34.0	183	849	4.2	31	6300			
8	0.30	8	1932	9.6	20	53.0	135	666	3.3	32	9700			
9	0.40	26	1924	9.6	21	82.0	132	531	2.6	33	15000			
10	0.70	140	1898	9.4	22	130.0	103	399	2.0	34				
11	1.10	10	1758	8.8	23	200.0	77	296	1.5					

GILA RIVER BASIN

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09486000 RILLITO CREEK NEAR TUCSON, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1914	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.01 39	2.30 39
1916	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	2.80 55	15.00 54
1917	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 1	3.30 42
1918	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 2	13.00 52
1919	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.13 54	0.26 50	3.50 43
1920	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.50 53	7.10 47
1921	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	0.00 3	0.00 1
1922	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	0.00 4	0.29 25
1923	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 8	0.00 5	0.00 2
1924	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 9	0.00 6	0.49 27
1925	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 10	0.00 7	0.00 3
1926	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 11	0.01 40	0.58 30
1927	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 12	0.16 48	3.60 44
1928	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 13	0.00 8	0.00 4
1929	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 14	0.00 9	0.00 5
1930	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 15	0.00 10	9.20 49
1931	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 16	0.00 11	15.00 53
1932	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 17	0.30 51	10.00 50
1933	0.00 19	0.00 19	0.00 19	0.00 19	0.00 19	0.00 19	0.00 18	0.01 41	0.51 29
1934	0.00 20	0.00 20	0.00 20	0.00 20	0.00 20	0.00 20	0.00 19	0.00 12	0.00 6
1935	0.00 21	0.00 21	0.00 21	0.00 21	0.00 21	0.00 21	0.00 20	0.00 13	4.00 45
1936	0.00 22	0.00 22	0.00 22	0.00 22	0.00 22	0.00 22	0.00 21	0.00 14	3.10 41
1937	0.00 23	0.00 23	0.00 23	0.00 23	0.00 23	0.00 23	0.00 22	0.01 42	2.80 40
1938	0.00 24	0.00 24	0.00 24	0.00 24	0.00 24	0.00 24	0.00 23	0.00 15	1.70 37
1939	0.00 25	0.00 25	0.00 25	0.00 25	0.00 25	0.00 25	0.00 24	0.00 16	0.00 7
1940	0.00 26	0.00 26	0.00 26	0.00 26	0.00 26	0.00 26	0.00 25	0.02 43	0.73 34
1941	0.00 27	0.00 27	0.00 27	0.00 27	0.00 27	0.00 27	0.00 26	0.04 44	7.30 48
1942	0.00 28	0.00 28	0.00 28	0.00 28	0.00 28	0.00 28	0.00 27	0.00 17	0.69 33
1943	0.00 29	0.00 29	0.00 29	0.00 29	0.00 29	0.00 29	0.00 28	0.00 18	1.70 38
1944	0.00 30	0.00 30	0.00 30	0.00 30	0.00 30	0.00 30	0.00 29	0.00 19	0.00 8
1945	0.00 31	0.00 31	0.00 31	0.00 31	0.00 31	0.00 31	0.00 30	0.18 49	1.00 36
1946	0.00 32	0.00 32	0.00 32	0.00 32	0.00 32	0.00 32	0.00 31	0.00 20	0.00 9
1947	0.00 33	0.00 33	0.00 33	0.00 33	0.00 33	0.00 33	0.00 32	0.00 21	0.00 10
1948	0.00 34	0.00 34	0.00 34	0.00 34	0.00 34	0.00 34	0.00 33	0.00 22	0.00 11
1949	0.00 35	0.00 35	0.00 35	0.00 35	0.00 35	0.00 35	0.00 34	0.00 23	0.03 22
1950	0.00 36	0.00 36	0.00 36	0.00 36	0.00 36	0.00 36	0.00 35	0.00 24	0.00 12
1951	0.00 37	0.00 37	0.00 37	0.00 37	0.00 37	0.00 37	0.00 36	0.00 25	0.00 13
1952	0.00 38	0.00 38	0.00 38	0.00 38	0.00 38	0.00 38	0.11 53	0.48 52	0.66 32
1953	0.00 39	0.00 39	0.00 39	0.00 39	0.00 39	0.00 39	0.00 37	0.00 26	0.04 23
1954	0.00 40	0.00 40	0.00 40	0.00 40	0.00 40	0.00 40	0.00 38	0.00 27	17.00 55
1955	0.00 41	0.00 41	0.00 41	0.00 41	0.00 41	0.00 41	0.00 39	0.00 28	0.00 14
1956	0.00 42	0.00 42	0.00 42	0.00 42	0.00 42	0.00 42	0.00 40	0.00 29	0.07 24
1957	0.00 43	0.00 43	0.00 43	0.00 43	0.00 43	0.00 43	0.00 41	0.05 45	0.50 28
1958	0.00 44	0.00 44	0.00 44	0.00 44	0.00 44	0.00 44	0.48 55	1.30 54	11.00 51
1959	0.00 45	0.00 45	0.00 45	0.00 45	0.00 45	0.00 45	0.00 42	0.00 30	0.00 15
1960	0.00 46	0.00 46	0.00 46	0.00 46	0.00 46	0.00 46	0.00 43	0.00 31	0.00 16
1961	0.00 47	0.00 47	0.00 47	0.00 47	0.00 47	0.00 47	0.00 44	0.00 32	0.00 17
1962	0.00 48	0.00 48	0.00 48	0.00 48	0.00 48	0.00 48	0.00 45	0.13 47	0.38 26
1963	0.00 49	0.00 49	0.00 49	0.00 49	0.00 49	0.00 49	0.00 46	0.00 33	0.65 31
1964	0.00 50	0.00 50	0.00 50	0.00 50	0.00 50	0.00 50	0.00 47	0.00 34	0.00 18
1965	0.00 51	0.00 51	0.00 51	0.00 51	0.00 51	0.00 51	0.01 52	0.11 46	0.89 35
1966	0.00 52	0.00 52	0.00 52	0.00 52	0.00 52	0.00 52	0.00 48	0.00 35	5.00 46
1967	0.00 53	0.00 53	0.00 53	0.00 53	0.00 53	0.00 53	0.00 49	0.00 36	0.00 19
1974	0.00 54	0.00 54	0.00 54	0.00 54	0.00 54	0.00 54	0.00 50	0.00 37	0.00 20
1975	0.00 55	0.00 55	0.00 55	0.00 55	0.00 55	0.00 55	0.00 51	0.00 38	0.00 21

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183	20
1914	1250.0 20	424.0 27	183.0 27	92.0 31	88.0 22	47.0 23	45.0 16	34.0 16	22.0 20	2
1916	4900.0 2	3720.0 2	1830.0 2	1240.0 1	655.0 2	349.0 2	240.0 2	180.0 2	118.0 2	2
1917	1410.0 17	536.0 20	295.0 20	160.0 20	126.0 13	68.0 12	48.0 13	36.0 14	24.0 10	18
1918	2130.0 13	866.0 13	397.0 14	261.0 10	131.0 12	65.0 13	67.0 11	52.0 9	35.0 10	10
1919	2790.0 6	1880.0 5	1140.0 5	828.0 4	517.0 4	293.0 4	198.0 4	148.0 4	101.0 4	7
1920	2450.0 8	1120.0 10	563.0 9	349.0 8	196.0 9	135.0 7	110.0 7	90.0 7	66.0 7	1
1921	4920.0 1	4010.0 1	2250.0 1	1090.0 2	675.0 1	354.0 1	238.0 3	179.0 3	117.0 3	3
1922	310.0 47	112.0 47	86.0 41	63.0 37	32.0 39	21.0 39	16.0 38	12.0 38	7.7 38	38
1923	500.0 35	257.0 35	136.0 32	96.0 29	70.0 25	56.0 20	37.0 22	28.0 22	18.0 23	23
1924	830.0 28	597.0 17	306.0 19	172.0 18	88.0 23	47.0 24	31.0 24	23.0 24	16.0 25	25
1925	437.0 41	272.0 34	135.0 33	78.0 32	67.0 26	39.0 26	26.0 26	20.0 26	13.0 27	27
1926	451.0 40	151.0 44	65.0 45	32.0 46	16.0 49	8.6 49	6.5 49	4.9 49	5.2 44	44
1927	487.0 38	190.0 40	90.0 40	50.0 43	41.0 36	23.0 37	17.0 37	13.0 35	8.4 35	35
1928	200.0 50	87.0 50	51.0 49	25.0 49	19.0 46	11.0 47	7.2 48	5.4 48	3.5 49	49
1929	4640.0 3	2790.0 3	1210.0 4	571.0 5	304.0 5	217.0 5	150.0 5	113.0 5	74.0 5	6
1930	1040.0 24	539.0 19	237.0 22	123.0 23	100.0 20	57.0 18	41.0 17	30.0 19	29.0 16	16
1931	1180.0 23	771.0 15	399.0 13	200.0 17	105.0 19	54.0 21	36.0 23	27.0 23	32.0 13	13
1932	1420.0 16	554.0 18	257.0 21	159.0 21	115.0 15	61.0 16	47.0 14	46.0 12	30.0 14	14
1933	333.0 44	112.0 48	48.0 50	22.0 50	13.0 50	6.8 50	4.7 52	3.5 52	2.3 52	52
1934	320.0 45	107.0 49	58.0 47	29.0 47	16.0 47	13.0 46	10.0 44	7.6 45	5.0 45	45
1935	2360.0 9	1470.0 7	650.0 8	393.0 7	200.0 8	105.0 8	70.0 9	52.0 10	36.0 8	8
1936	490.0 37	190.0 41	84.0 42	72.0 34	40.0 37	20.0 40	14.0 40	10.0 40	7.3 40	40
1937	748.0 30	417.0 28	180.0 28	102.0 28	51.0 31	29.0 29	19.0 30	14.0 31	9.9 31	31
1938	783.0 29	314.0 31	135.0 34	63.0 38	32.0 38	16.0 42	11.0 41	8.1 42	6.9 41	41
1939	1890.0 15	774.0 14	346.0 16	167.0 19	89.0 21	57.0 19	39.0 20	29.0 20	19.0 22	22
1940	2270.0 12	1170.0 9	505.0 11	238.0 13	120.0 14	64.0 14	45.0 15	34.0 15	22.0 19	19
1941	3990.0 4	1880.0 6	841.0 6	440.0 6	243.0 6	151.0 6	143.0 6	113.0 6	75.0 5	5
1942	226.0 49	122.0 46	53.0 48	25.0 48	16.0 48	10.0 48	10.0 45	7.5 46	4.9 47	47
1943	274.0 48	139.0 45	60.0 46	45.0 44	29.0 42	17.0 41	11.0 42	8.4 41	6.4 42	42
1944	560.0 34	348.0 38	152.0 31	78.0 33	50.0 32	26.0 33	18.0 33	13.0 36	8.0 34	34
1945	1230.0 21	434.0 28	191.0 26	104.0 27	57.0 29	29.0 30	19.0 31	14.0 32	10.0 30	30
1946	497.0 36	194.0 38	83.0 43	67.0 35	42.0 35	24.0 35	17.0 34	12.0 37	8.2 37	37
1947	888.0 26	303.0 32	177.0 29	127.0 22	63.0 28	33.0 28	22.0 29	16.0 29	11.0 28	28
1948	88.0 54	34.0 54	23.0 53	14.0 52	11.0 51	6.3 52	5.3 50	4.0 50	2.6 50	50
1949	316.0 46	167.0 43	93.0 39	43.0 45	31.0 40	15.0 43	10.0 46	7.7 44	5.0 46	46
1950	2010.0 14	686.0 16	315.0 18	207.0 15	109.0 17	61.0 15	41.0 18	31.0 17	20.0 21	21
1951	667.0 31	349.0 29	163.0 30	122.0 24	67.0 27	35.0 27	23.0 28	17.0 28	11.0 29	29
1952	485.0 39	242.0 36	129.0 35	64.0 36	44.0 34	22.0 38	25.0 27	19.0 27	17.0 24	24
1953	426.0 43	231.0 37	119.0 37	57.0 39	29.0 43	15.0 44	9.7 47	7.3 47	4.0 48	48
1954	2320.0 10	1050.0 11	462.0 12	216.0 14	108.0 18	54.0 22	37.0 21	28.0 21	33.0 12	12
1955	914.0 25	436.0 24	381.0 15	243.0 12	169.0 10	103.0 10	69.0 10	52.0 11	34.0 11	11
1956	110.0 53	37.0 53	16.0 55	8.6 54	4.5 55	2.3 55	1.5 55	1.1 55	0.8 55	55
1957	1310.0 18	464.0 23	199.0 25	93.0 30	50.0 33	25.0 34	17.0 35	13.0 33	8.3 36	36
1958	863.0 27	476.0 22	316.0 17	203.0 16	111.0 16	58.0 17	39.0 19	30.0 18	29.0 15	15
1959	1210.0 22	435.0 25	232.0 23	118.0 25	77.0 24	43.0 25	29.0 25	22.0 25	14.0 26	26
1960	2300.0 11	1200.0 8	653.0 7	325.0 9	206.0 7	105.0 9	73.0 8	55.0 8	36.0 9	9
1961	428.0 42	185.0 42	81.0 44	55.0 41	30.0 41	23.0 36	15.0 39	11.0 39	7.5 39	39
1962	601.0 32	284.0 33	122.0 36	57.0 40	28.0 44	27.0 31	18.0 32	15.0 30	9.6 32	32
1963	1290.0 19	510.0 21	222.0 24	104.0 26	52.0 30	26.0 32	17.0 36	13.0 34	8.9 33	33
1964	2650.0 7	917.0 12	525.0 10	259.0 11	134.0 11	77.0 11	53.0 12	40.0 13	26.0 17	17
1965	48.0 55	29.0 55	17.0 54	8.3 55	8.0 52	5.5 53	3.8 53	3.0 53	2.1 53	53
1966	3520.0 5	2670.0 4	1390.0 3	927.0 3	585.0 3	295.0 3	260.0 1	203.0 1	133.0 1	1
1967	578.0 33	193.0 39	104.0 38	52.0 42	26.0 45	15.0 45	11.0 43	8.0 43	5.2 43	43
1974	174.0 51	70.0 51	30.0 51	16.0 51	7.9 53	6.7 51	4.7 51	3.6 51	2.3 51	51
1975	147.0 52	49.0 52	23.0 52	12.0 53	6.2 54	3.4 54	2.3 54	1.7 54	1.1 54	54

GILA RIVER BASIN

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09486000 RILLITO CREEK NEAR TUCSON, AZ--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.72	2.47	48.6	25.1	27.7	17.2	0.76	1.26	0.59	31.9	37.9	16.1
2.76	68.0	57950	8678	5378	1340	5.76	86.3	3.88	7661	2342	2049
1.67	8.25	241	93.2	73.3	36.6	2.40	9.29	1.97	87.5	48.4	45.3
2.87	3.88	6.55	5.22	4.29	2.57	3.53	7.42	3.83	4.64	2.40	5.20
2.31	3.34	4.95	3.71	2.65	2.12	3.18	7.38	3.34	2.75	1.28	2.80
0.34	1.17	23.1	12.0	13.2	8.19	0.36	0.60	0.28	15.2	18.0	7.68

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
13.6	288	17.0	2.27	1.25	0.072

GILA RIVER BASIN

09486300 CANADA DEL ORO NEAR TUCSON, AZ

LOCATION.--Lat 32°22'27", long 111°00'31", in SW¼NW¼ sec.22, T.12 S., R.13 E., Pima County, Hydrologic Unit 15050301, on right bank at upstream side of Overton Road, 4.7 mi (7.6 km) upstream from mouth, and 10.5 mi (16.9 km) north of City Hall in Tucson.

DRAINAGE AREA.--250 mi² (648 km²).

REMARKS.--Records poor. Lago del Oro--capacity 9,400 acre-ft (11.6 km³)--16 mi (26 km) upstream, has contained no storage since May 4, 1971, as gates were opened by court order; however, peak flows are regulated while passing through the lake.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1966	2290	12-22-65	4.53	1967	93
1967	652	08-05-67	3.76	1968	5460
1968	13900	12-20-67	7.65	1969	44
1969	454	07-22-69	3.51	1970	1000
1970	1930	08-18-70	4.37	1971	1830
1971	4200	08-17-71	5.20	1972	133
1972	728	08-12-72	4.17	1973	133
1973	3750	10-19-72	3.85	1974	857
1974	7700	07-20-74	5.80	1975	42
1975	454	09-04-75	3.50		

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1967	361						1												1		2														
1968	358												1		1		1	2				1						1		1			1		
1969	363	1																				1													
1970	356								3	1					2											1	1					1			
1971	348						2	1				1				1				1	3	1	2		1	1	1	1	1						
1972	357						3									1	1	1		1	1	1													
1973	356						3									1	1	1		1	1	1													
1974	355						1				1	1	1		1	1	1			1	1	1													
1975	361								1	1									1	1			1								1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	3215	3287	100.0	12	1.0	2	51	1.6	24	57	2	12	.3
1	0.01	1	72	2.2	13	1.5	0	49	1.5	25	79	2	10	.3
2	0.02	0	71	2.2	14	2.0	4	49	1.5	26	110	2	8	.2
3	0.03	0	71	2.2	15	2.8	4	45	1.4	27	150	1	6	.1
4	0.05	0	71	2.2	16	4.0	4	41	1.2	28	220	2	5	.1
5	0.07	0	71	2.2	17	5.5	4	37	1.1	29	300	2	3	
6	0.10	10	71	2.2	18	7.7	2	33	1.0	30	420		1	
7	0.20	0	61	1.9	19	11.0	5	31	0.9	31	590	1	1	
8	0.30	4	61	1.9	20	15.0	7	26	0.8	32				
9	0.40	2	57	1.7	21	21.0	4	19	0.6	33				
10	0.50	2	55	1.7	22	29.0	3	15	0.5	34				
11	0.80	2	53	1.6	23	41.0	0	12	0.4					

GILA RIVER BASIN

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09486300 CANADA DEL ORO NEAR TUCSON, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1967	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1
1968	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.04 10
1969	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2
1970	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3
1971	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4
1972	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5
1973	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6
1974	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7
1975	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 8

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1967	19.0 8	6.3 8	2.7 8	1.3 8	0.9 7	0.6 7	0.5 7	0.4 7	0.3 7
1968	2400.0 1	873.0 1	390.0 1	182.0 1	91.0 1	46.0 1	30.0 1	23.0 1	15.0 1
1969	22.0 7	7.3 7	3.1 7	1.5 7	0.7 8	0.4 8	0.2 8	0.2 8	0.1 8
1970	348.0 3	116.0 4	58.0 4	27.0 4	17.0 3	8.4 3	5.6 3	4.2 3	2.8 3
1971	290.0 4	161.0 2	95.0 2	58.0 2	31.0 2	15.0 2	10.0 2	7.7 2	5.0 2
1972	24.0 5	8.0 5	4.6 5	2.6 5	2.1 5	1.1 5	0.7 5	0.6 5	0.4 5
1973	24.0 6	8.0 6	4.6 6	2.6 6	2.1 6	1.1 6	0.7 6	0.6 6	0.4 6
1974	375.0 2	136.0 3	59.0 3	28.0 3	14.0 4	7.2 4	4.8 4	3.6 4	2.4 4
1975	11.0 9	3.7 9	1.6 9	0.7 9	0.4 9	0.4 9	0.2 9	0.2 9	0.1 9

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.00	0.00	12.9	0.00	0.02	0.00	0.00	0.00	0.00	1.48	3.72	1.88
0.00	0.00	861	0.00	0.01	0.00	0.00	0.00	0.00	17.4	84.7	17.5
0.00	0.00	29.3	0.00	0.08	0.00	0.00	0.00	0.00	4.17	9.20	4.18
*****	*****	2.36	*****	3.16	3.16	*****	*****	*****	3.14	3.10	2.97
*****	*****	2.28	*****	3.16	3.16	*****	*****	*****	2.82	2.48	2.22
0.00	0.00	64.4	0.00	0.12	0.00	0.00	0.00	0.00	7.39	18.6	9.43

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
1.68	5.64	2.38	1.94	1.42	-0.387

***** Skewness and coefficient of variation could not be computed owing to a zero-value month.

GILA RIVER BASIN

09486500 SANTA CRUZ RIVER AT CORTARO, AZ

LOCATION.--Lat 32°21'04", long 111°05'38", in NW 1/4 sec.35, T.12 S., R.12 E., Pima County, Hydrologic Unit 15050302, on downstream side of right bridge pier 0.5 mi (0.8 km) southwest of Cortaro, 2.6 mi (4.2 km) downstream from Canada del Oro, and 3.7 mi (6.0 km) downstream from Rillito Creek.

DRAINAGE AREA.--3,503 mi² (9,073 km²), of which 395 mi² (1,023 km²) is in Mexico.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT,FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1940	17000	08-14-40					1940	20300
1941	7800	12-31-40					1941	24500
1942	1550	08-09-42					1942	3770
1943	5500	09-24-43					1943	17600
1944	5650	08-16-44					1944	14300
1945	14000	08-10-45					1945	24100
1946	4440	08-04-46					1946	16800
1947	7500	08-15-47					1947	11500
1950	12900	07-30-50	9.1				1952	13700
1951	6820	07-25-51	6.50				1953	14900
1952	6100	08-14-52	6.2				1954	53300
1953	10800	07-14-53	8.10				1955	67400
1954	9150	07-24-54	7.53				1956	1880
1955	16600	08-03-55	9.90				1957	4810
1956	3150	07-29-56	5.00				1958	20500
1957	4400	09-01-57	5.69				1959	13700
1958	7890	08-12-58	7.03				1960	22800
1959	8000	08-20-59	6.70	NM	6.73	08-17-59	1961	17800
1960	6420	08-11-60	6.12				1962	12700
1961	14700	08-23-61	9.00				1963	20300
1962	11200	09-26-62	9.22				1964	38700
1963	7240	08-26-63	7.10				1965	2270
1964	15900	09-10-64	9.29				1966	83300
1965	2710	07-16-65	3.83				1967	8300
1966	16800	12-22-65	8.60				1968	53100
1967	5740	07-17-67	9.04	NM	9.13	07-11-67	1969	5840
1968	15800	12-21-67	12.17				1970	26500
1969	8400	08-06-69	11.64				1971	45600
1970	11200	07-20-70	12.65				1972	23400
1971	9100	08-20-71	12.70				1973	45800
1972	7050	08-12-72	11.35				1974	43100
1973	9000	10-19-72	12.10				1975	43700
1974	11700	07-08-74	13.02					
1975	5200	07-12-75	10.35					

NM Not maximum gage height for water year.

GILA RIVER BASIN

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09486500 SANTA CRUZ RIVER AT CORTARO, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1940	317						4		7		1	3	2		7	4	5	5	1	1		3	2	1	2									1	
1941	304					5		1	1	1	7	1	2	4		2	4	5	3	7	2	2	6	3	4							1			
1942	314	3	1	1	1	13		3	2	2	2	1	2	1	2	2	3	1	4	5	1		1	1											
1943	307					4		3	1	3	3	2	3	2	2	2	2	6	4	5	4	3	2	3	1	2	1								
1944	334	2	2	1	1	2	1	4	1	2	3	1			1						1	3	1								1				
1945	315					9		6	1		2			1	3	4	3	1	2	4	3		3	2	1	1	1	2					1		
1946	305					3		6	1	3			1	2	4	5	3	5	4	3	7	2	3	1	4		2								
1951	228	7	7	3	10	12	15	18	15	7	9	3	3	1	4		4	6	2		3	1	1	2	1	2									
1952	229	13	12	5	13	4	13	19	8	3	3	2	1	3		1	1	2	9	4	6	2	5	4	3		1								
1953	324	3	2		1	2	1	2	1	2	3		2	3			5	2	2	2	2	2	1	1				4							
1954	297	1		1		2	2			1	2	5	3	1	2	6	1	1	5	4	2	3	6	4	4	4	4	1	5	2					
1955	305	1	1	2	1			2	2	2	1	3	1	1	1	5	1		2	4	2	1	5	3	1	3	4	1	5	3	2				
1956	347	1		1		1	1	1		2	1		2		2	1		1	1	2				2											
1957	334						3	1	1	1	1	3	3	3	2	2	2	4	3	1	2	1		1			1								
1958	274	4	1	2	2	2	1	4	4	4	4	1	2	5	3	8	3	9	3	3	7	2	5	6	2	2	1								
1959	318		1	1	2	1	1				2	3	2		4	2	3	3	3	5	1	3	1	5	1	2				1					
1960	322	1	2			1			3	1		2	1	2	1	4	2	4	2	1	3	3	2	2	1	2	2	1							1
1961	330	1	1	2	2	1		1	2	3		1			2		2	1	5	4	1		1	2		1		1						1	
1962	340			1		1		1	1		1	2	1	1	3	1	1	1	4				1	1	2	1	1				1				
1963	316				1						3	3	3	3	2	4	3	1	4	2	3	4	5	4	1	3	1	1	1						
1964	316					1		1			1	2	3	3	3	5	1	1	1	4	4	3	6	2	3	1	5	2							1
1965	334		1	1		1	2	1	1	1	3	3	1	1	1	2	5	2		2	2	1	1												
1966	300		2				2	1	2			2	1	2	1	3	2	2	3	1	5	2	6	4	6	4	4	4	1	2	1	1	1	1	
1967	330		2		1	1	3	2	1	1	1	2	1	4	1	2	2	2	3	2	1			1		1		1							
1968	315	1			1		3				2	3		2	1	2	3		7	4	5	4	2		3	1	2	1	1	1			1	1	
1969	333	1				1	1	1		1		1	3		2	2	3	3	3	2	4		2	1				1							
1970	12	3	2	3	18		13	3	10	23	26	40	36	35	33	32	36	18	4	2	3		2	5	1	2		1	2						
1971	4						1	1	1			12	2	11	35	44	63	109	46	15	3	1	3	2	5	3	3				1				
1972	11			1		1		5		2		7	15	19	37	107	116	14	12	6	6	1	2	2		1	1								
1973	55	1	1		5			8	5	17	23	21	21	43	50	29	35	25	4	4	3	2	3	1	3	1	3	1	3	1	1				
1974														1	2	3	57	232	48	5	4	2	3	1	3	1	1	1	1						
1975																	10	175	124	36	7		2	5	3	2	1								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	8170	11688	100.0	12	6.2	111	2769	23.7	24	380	56	213	1.8
1	0.10	43	3518	30.1	13	8.7	131	2658	22.7	25	540	44	197	1.3
2	0.20	38	3475	29.7	14	12.0	205	2527	21.6	26	760	40	113	.9
3	0.30	25	3437	29.4	15	17.0	298	2322	19.9	27	1100	23	73	.6
4	0.40	59	3412	29.2	16	24.0	377	2024	17.3	28	1500	24	50	.4
5	0.60	32	3353	28.7	17	35.0	646	1647	14.1	29	2100	12	26	.2
6	0.80	98	3321	28.4	18	49.0	338	1001	8.6	30	3000	5	14	.1
7	1.10	61	3223	27.6	19	69.0	135	663	5.7	31	4300	4	9	
8	1.60	95	3162	27.1	20	97.0	107	528	4.5	32	6000	4	5	
9	2.20	65	3067	26.2	21	140.0	53	421	3.6	33	8500	1	1	
10	3.10	93	3002	25.7	22	190.0	81	368	3.1	34				
11	4.40	140	2909	24.9	23	270.0	74	287	2.5					

09486500 SANTA CRUZ RIVER AT CORTARO, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1940	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.38 24	2.00 19
1941	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.08 24	0.15 22	14.00 26
1942	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.29 26	0.22 23	1.30 17
1943	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 2	0.00 1	1.10 16
1944	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 3	0.00 2	0.00 1
1945	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 4	0.04 21	0.03 6
1946	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 5	0.00 3	0.00 2
1951	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 6	0.00 4	0.03 7
1952	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.02 26	0.10 25	1.40 25	5.40 21
1953	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 9	0.00 7	0.00 5	0.03 8
1954	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 10	0.00 8	0.00 6	17.00 27
1955	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 11	0.00 9	0.00 7	0.03 9
1956	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 12	0.00 10	0.00 8	0.30 13
1957	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 13	0.00 11	0.00 9	0.25 12
1958	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 14	0.04 22	1.90 26	11.00 24
1959	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 15	0.00 12	0.00 10	0.00 3
1960	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 16	0.00 13	0.00 11	0.03 10
1961	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 17	0.00 14	0.00 12	0.67 15
1962	0.00 19	0.00 19	0.00 19	0.00 19	0.00 19	0.00 18	0.00 15	0.00 13	0.48 14
1963	0.00 20	0.00 20	0.00 20	0.00 20	0.00 20	0.00 19	0.04 23	0.03 20	5.10 20
1964	0.00 21	0.00 21	0.00 21	0.00 21	0.00 21	0.00 20	0.00 16	0.00 14	0.07 11
1965	0.00 22	0.00 22	0.00 22	0.00 22	0.00 22	0.00 21	0.00 17	0.00 15	1.40 18
1966	0.00 23	0.00 23	0.00 23	0.00 23	0.00 23	0.00 22	0.00 18	0.00 16	13.00 25
1967	0.00 24	0.00 24	0.00 24	0.00 24	0.00 24	0.00 23	0.00 19	0.00 17	0.02 5
1968	0.00 25	0.00 25	0.00 25	0.00 25	0.00 25	0.00 24	0.00 20	0.00 18	7.70 23
1969	0.00 26	0.00 26	0.00 26	0.00 26	0.00 26	0.00 25	0.00 21	0.00 19	0.00 4
1970	0.00 27	0.00 27	0.36 28	2.40 28	3.50 28	5.40 27	6.30 27	6.30 27	6.90 22
1971	0.00 28	0.00 28	5.60 30	9.10 30	12.00 30	14.00 30	20.00 30	26.00 30	28.00 30
1972	0.00 29	0.00 29	1.00 29	7.10 29	11.00 29	13.00 29	16.00 29	18.00 29	22.00 29
1973	0.00 30	0.00 30	0.00 27	0.00 27	0.98 27	7.60 28	8.80 28	11.00 28	21.00 28
1974	10.00 31	13.00 31	18.00 31	24.00 31	29.00 31	35.00 31	37.00 31	38.00 31	39.00 31
1975	30.00 33	32.00 33	33.00 33	35.00 33	37.00 33	39.00 33	39.00 33	41.00 33	46.00 33

09486500 SANTA CRUZ RIVER AT CORTARO, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1940	7490.0 3	2650.0 4	1150.0 6	542.0 8	296.0 9	157.0 9	108.0 10	82.0 10	54.0 12
1941	4000.0 8	1730.0 11	758.0 12	382.0 13	202.0 15	122.0 18	95.0 15	77.0 13	50.0 15
1942	447.0 30	210.0 30	107.0 30	58.0 30	32.0 30	22.0 30	17.0 29	12.0 30	8.3 30
1943	1150.0 24	867.0 20	381.0 22	244.0 22	175.0 19	132.0 15	96.0 14	72.0 16	47.0 17
1944	2800.0 12	955.0 17	455.0 19	371.0 14	200.0 17	120.0 20	80.0 20	60.0 20	39.0 22
1945	5210.0 6	1910.0 7	965.0 8	677.0 6	385.0 6	196.0 7	131.0 7	98.0 8	64.0 10
1946	1820.0 20	731.0 23	352.0 23	240.0 23	173.0 21	123.0 17	90.0 17	67.0 17	44.0 18
1951	1860.0 16	888.0 18	420.0 21	307.0 15	174.0 20	95.0 23	64.0 23	48.0 24	32.0 24
1952	761.0 28	569.0 25	304.0 25	148.0 26	90.0 27	55.0 27	37.0 27	28.0 27	21.0 26
1953	1430.0 23	1400.0 12	867.0 9	428.0 11	239.0 12	121.0 19	80.0 21	60.0 21	40.0 20
1954	2370.0 13	1740.0 10	1350.0 5	804.0 4	618.0 4	351.0 4	254.0 4	198.0 4	136.0 4
1955	3990.0 9	2050.0 5	1700.0 3	1160.0 3	950.0 1	563.0 1	376.0 1	282.0 1	185.0 1
1956	326.0 31	119.0 31	54.0 31	26.0 32	24.0 31	14.0 31	9.2 31	6.9 31	4.5 31
1957	819.0 27	279.0 29	120.0 29	78.0 29	47.0 29	26.0 29	17.0 30	13.0 29	8.6 29
1958	1660.0 22	662.0 24	311.0 24	294.0 17	202.0 16	125.0 16	88.0 19	66.0 19	53.0 13
1959	1840.0 19	849.0 21	532.0 14	288.0 18	182.0 18	114.0 21	76.0 22	57.0 22	37.0 23
1960	4300.0 7	2010.0 6	1060.0 7	498.0 9	285.0 10	143.0 11	100.0 13	75.0 15	49.0 16
1961	5380.0 5	1890.0 8	855.0 10	431.0 10	223.0 13	134.0 14	89.0 18	67.0 18	44.0 19
1962	2990.0 11	1110.0 14	477.0 18	223.0 24	115.0 26	59.0 26	40.0 26	30.0 26	20.0 27
1963	1800.0 21	883.0 19	437.0 20	295.0 16	263.0 11	154.0 10	103.0 12	77.0 14	51.0 14
1964	6900.0 4	2690.0 3	1370.0 4	705.0 5	394.0 5	312.0 5	214.0 5	161.0 5	105.0 5
1965	201.0 32	111.0 32	54.0 32	33.0 31	18.0 32	11.0 32	7.4 32	5.5 32	4.2 32
1966	8460.0 2	5730.0 2	2710.0 2	1660.0 1	878.0 2	457.0 2	353.0 2	264.0 2	173.0 2
1967	2090.0 15	744.0 22	507.0 16	245.0 21	130.0 24	67.0 25	45.0 25	34.0 25	23.0 25
1968	8760.0 1	5880.0 1	2890.0 1	1420.0 2	711.0 3	381.0 3	277.0 3	208.0 3	139.0 3
1969	1110.0 25	439.0 27	232.0 28	131.0 27	73.0 28	47.0 28	32.0 28	24.0 28	16.0 28
1970	1850.0 17	1050.0 15	505.0 17	261.0 20	159.0 22	137.0 13	106.0 11	82.0 11	56.0 11
1971	2240.0 14	1240.0 13	709.0 13	569.0 7	359.0 7	218.0 6	160.0 6	129.0 6	98.0 7
1972	1060.0 26	511.0 26	233.0 27	128.0 28	115.0 25	74.0 24	60.0 24	51.0 23	39.0 21
1973	3330.0 10	1780.0 9	761.0 11	421.0 12	323.0 8	173.0 8	121.0 8	93.0 9	103.0 6
1974	1840.0 18	1000.0 16	518.0 15	282.0 19	222.0 14	141.0 12	116.0 9	98.0 7	80.0 8
1975	649.0 29	298.0 28	245.0 26	198.0 25	131.0 23	102.0 22	92.0 16	80.0 12	66.0 9

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWEVNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
16.1	7.22	62.6	18.7	21.7	19.1	5.25	5.00	7.18	74.1	136	45.6
1796	182	35820	2017	2124	1391	170	147	195	7292	26490	4684
42.4	13.5	189	44.9	46.1	37.3	13.1	12.1	14.0	85.4	163	68.4
4.81	2.67	3.70	4.42	2.89	2.91	2.78	2.60	1.78	2.09	3.09	3.32
2.63	1.87	3.03	2.40	2.12	1.96	2.49	2.42	1.94	1.15	1.19	1.50
3.84	1.72	14.9	4.47	5.18	4.55	1.25	1.19	1.71	17.7	32.6	10.9

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWEVNESS	COEFF. OF VARIATION	SERIAL CORR
35.2	745	27.3	1.20	0.78	-0.139

GILA RIVER BASIN

09486800 ALTAR WASH NEAR THREE POINTS, AZ

LOCATION.--Lat 31°50'10", long 111°24'11", in SE¼ sec.27, T.18 S., R.9 E., Pima County, on left abutment of former highway bridge, 0.1 mi (0.2 km) downstream from Chiltipines Wash, 0.2 mi (0.3 km) upstream from bridge on State Highway 286, and 18 mi (29 km) south of Three Points.

DRAINAGE AREA.--463 mi² (1,199 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1966	10700	08-10-66	10.40	1967	1670
1967	2360	07-15-67	7.69	1968	6250
1968	3430	08-02-68	8.22	1969	2690
1969	3060	07-18-69	8.05	1970	14500
1970	22000	09-04-70	13.85	1971	4100
1971	4220	08-03-71	8.81	1972	1300
1972	3360	07-15-72	8.38	1973	2030
1973	2130	07-14-73	7.58	1974	10000
1974	9200	08-04-74	8.70	1975	6070
1975	9700	08-08-75	8.90		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1967	341				1				1			1		2	1	2	2	4	3	2		1	2												
1968	338									3	1		1		1		1	3	2	4	3	3		3	1		1			1					
1969	344			2	1	1						2		1		1		3			1	6		1	1				1						
1970	340										1		3		2	2	1	1	3		2	2		3	3				1					1	
1971	332				1			2		1	2	1	2		2	1	3	2	2	2	1	4	2	1	1	2	1								
1972	351		2				1		2	1						3	1	2				1	1					1							
1973	348		1						2		1	2		1				1	1	1		3		2	1	1									
1974	342						1			1	1		3					1	1	1	1	1	4			2	1	3	1					1	
1975	341		2								1	1	1	1				3	1	3		1	4		4	1			1	1					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	3077	3287	100.0	12	4.7	10	170	5.2	24	160	13	35	1.0
1	0.10	0	210	6.4	13	6.3	4	160	4.9	25	220	7	22	.6
2	0.20	5	210	6.4	14	8.4	6	156	4.7	26	290	3	15	.4
3	0.30	2	205	6.2	15	11.0	9	150	4.6	27	390	6	12	.3
4	0.40	3	203	6.2	16	15.0	8	141	4.3	28	530	2	6	.1
5	0.60	1	200	6.1	17	20.0	15	133	4.0	29	710	2	4	.1
6	0.80	2	199	6.1	18	27.0	15	118	3.6	30	950		2	
7	1.10	2	197	6.0	19	37.0	12	103	3.1	31	1300		2	
8	1.40	5	195	5.9	20	50.0	11	91	2.8	32	1700	2	2	
9	1.90	6	190	5.8	21	67.0	21	80	2.4	33				
10	2.60	7	184	5.6	22	89.0	15	59	1.8	34				
11	3.50	7	177	5.4	23	120.0	9	44	1.3					

GILA RIVER BASIN

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09486800 ALTAR WASH NEAR THREE POINTS, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1967	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1
1968	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.36 8
1969	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2
1970	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3
1971	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4
1972	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5
1973	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.01 9	1.80 9
1974	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	0.00 6
1975	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 8	0.00 7

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1967	130.0 9	69.0 9	33.0 9	20.0 9	17.0 8	13.0 7	9.4 7	7.0 7	4.6 7
1968	911.0 3	372.0 3	164.0 4	104.0 3	56.0 4	31.0 5	21.0 5	16.0 5	11.0 4
1969	413.0 5	208.0 6	98.0 6	52.0 6	37.0 6	23.0 6	15.0 6	11.0 6	7.4 6
1970	5460.0 1	2010.0 1	897.0 1	429.0 1	232.0 1	121.0 1	81.0 1	61.0 1	40.0 1
1971	314.0 7	221.0 5	110.0 5	73.0 5	53.0 5	33.0 4	23.0 4	17.0 4	11.0 5
1972	361.0 6	128.0 8	55.0 8	27.0 8	21.0 7	10.0 8	7.0 8	5.2 8	3.4 9
1973	230.0 8	155.0 7	68.0 7	32.0 7	16.0 9	8.0 9	5.3 9	4.0 9	4.4 8
1974	1720.0 2	711.0 2	322.0 2	235.0 2	130.0 2	81.0 2	56.0 2	42.0 2	28.0 2
1975	803.0 4	298.0 4	181.0 3	92.0 4	73.0 3	46.0 3	33.0 3	25.0 3	16.0 3

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.25	0.01	4.30	0.00	3.66	1.74	0.00	0.00	0.38	18.9	33.5	30.7
5.62	0.00	166	0.00	133	23.2	0.00	0.00	1.10	209	703	4207
2.37	0.02	12.9	0.00	11.5	4.82	0.00	0.01	1.05	14.5	26.5	64.9
2.01	2.89	3.00	****	3.16	3.06	****	3.16	3.06	2.04	0.68	2.85
1.89	2.60	3.00	****	3.15	2.76	****	3.16	2.76	0.77	0.79	2.11
1.32	0.01	4.55	0.00	3.87	1.85	0.00	0.00	0.40	20.0	35.5	32.5

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
7.46	37.3	6.11	1.24	0.82	-0.235

**** Skewness and coefficient of variation could not be computed owing to a zero-value month.

09488500 SANTA ROSA WASH NEAR VAIVA VO, NEAR SELLS, AZ

LOCATION.--Lat 32°40'03", long 111°55'39", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.2, T.9 S., R.4 E., Pinal County, Hydrologic Unit 15050306, in Papago Indian Reservation, on right bank about 1 mi (2 km) downstream from Tat Momolikot Dam, 3.3 mi (5.3 km) south of Vaiva Vo, 10 mi (16 km) southwest of Chuichu, 12 mi (19 km) downstream from Gu Komelik and 52 mi (84 km) north of Sells.

DRAINAGE AREA.--1,782 mi² (4,615 km²).

REMARKS.--Records fair. Beginning July 1974, flood flows are regulated by Lake St. Clair, formed by Tat Momolikot Dam, about 1 mi (2 km) upstream--total capacity, 384,000 acre-ft (473 hm³).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1955	1150	08-08-55		10.00	1955	17700
1956	740	07-24-56		8.20	1956	1610
1957	492	08-12-57		6.47	1957	1110
1958	10000	11-01-57		13.2	1958	27600
1959	4120	07-13-59		11.85	1959	9450
1960	805	07-30-60		8.62	1960	5910
1961	892	07-27-61		8.94	1961	5360
1962	53100	09-27-62		16.9	1962	50300
1963	4180	09-14-63		10.89	1963	8940
1964	6760	07-25-64		11.74	1964	21900
1965	433	09-04-65		5.99	1965	1270
1966	1820	09-14-66		9.64	1966	15300
1967	302	06-26-67		4.62	1967	3090
1968	840	07-28-68		8.50	1968	7130
1969	514	08-08-69		6.84	1969	1620
1970	865	08-10-70		8.55	1970	3980
1971	6110	08-04-71		11.57	1971	16600
1972	410	08-14-72		5.80	1972	1420
1973	762	10-21-72		8.33	1973	2730
1974	364	08-02-74		5.31	1974	79
1975	560	07-17-75	KR	7.40	1975	168

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1955	318	2	1	1			1	3	2	1	1	1	1		3	3		1	2	2	3	2	1	2	2	3	4	3	2						
1956	348	2	2			2				1		2	1	2	1				3						1			1							
1957	358									1			1					1	1			1		2											
1958	304	5	4	1		4		3		1	2	2	1	1	3	3	1	8	1	2		1	3	2	6		2	1		1	1	1		1	
1959	326	3	3	1	1	2	2	1	2	1		2	2	2			2	3	3	3	1	1	2	1		1				2					
1960	307	7	3	1	5	4	1	4	1	3	5	3		1	1	1	3	2	1	2	2	2	1	3	1	2									
1961	319	3	4	1		4	1	2	3	2	2	1		4	1	1	2		2	3	1	3	1		2	1	2								
1962	342	2	1		1	2	2	2	1		1			3	2	2					1		1											1	1
1963	320	3	2		1	2	1	1	1		1	2	1	4	1	2	4		2	4	2	1	1	2	1	1	1	3							
1964	316	2	1	1	1	2	1	4			2	2	4	2	1	3	1	3	1	3	2	1	2	1	3	2	1			3	1	1			
1965	328	2	4	1		2	2	2	3	3	5	2	1		2	1	1	2			1	1	1												
1966	314	2				3	3	1		2	2	3		1	1	1	1	1	2		2	6	4	3	7		3	2	1						
1967	324	2		4	2	1	3	3	1	1	2	2	2	1	1	1	2	3	2	3	4	3	1												
1968	315	8	1	1	3	1		2	1	2			2		2	4	2	1	3	1	1	5	5	1	3		1	1							
1969	315	7	1	1	4	1	3	2	2	4		2	4		1	5	4	2		2	2	3													
1970	321	3	2	1	1	2	2	5	4	2	2	1	1			3	1	1	3	1	3	1	2	1		1	1								
1971	319	1						1	3	2	3	2	5	2	3	1	2	2	1	2	2	3	1	3		1	2	1	1	1	1	1			
1972	343	2				1		1		1	3	2	1	3				1	2		2	1	2		1										
1973	340	5	3	1	1		1			2			1	1	1			1			1	2		1			1	1							
1974	360					1					1	1		1				1																	
1975	357		1				1	1					1		1	1	1	1			1														

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	6894	7670	100.0	12	4.7	29	440	5.7	24	220	27	91	1.1
1	0.10	59	776	10.1	13	6.5	29	411	5.4	25	310	12	64	.8
2	0.20	33	717	9.3	14	9.0	25	382	5.0	26	430	21	52	.6
3	0.30	16	684	8.9	15	12.0	32	357	4.7	27	590	12	31	.4
4	0.40	20	668	8.7	16	17.0	23	325	4.2	28	810	4	19	.2
5	0.50	34	648	8.4	17	24.0	34	302	3.9	29	1100	7	15	.1
6	0.70	18	614	8.0	18	33.0	30	268	3.5	30	1500	2	8	.1
7	0.90	38	596	7.8	19	45.0	33	238	3.1	31	2100	3	6	
8	1.30	25	558	7.3	20	62.0	28	205	2.7	32	2900	1	3	
9	1.80	30	533	6.9	21	85.0	37	177	2.3	33	4000	2	2	
10	2.50	32	503	6.6	22	120.0	28	140	1.8	34				
11	3.40	31	471	6.1	23	160.0	21	112	1.5					

KR Known significant effect of regulation or diversion.

09488500 SANTA ROSA WASH NEAR VAIVA VO, NEAR SELLS, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1955	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.33 18
1956	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	1.40 20
1957	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 1
1958	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.48 21	16.00 22
1959	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.00 2
1960	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.00 3
1961	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	0.00 4
1962	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	0.03 12
1963	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 8	0.21 16
1964	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 9	0.05 14
1965	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 10	0.33 17
1966	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 11	3.20 21
1967	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 12	0.00 5
1968	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.78 22	1.00 19
1969	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 13	0.00 6
1970	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.01 20	0.18 15
1971	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 14	0.00 7
1972	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 15	0.00 8
1973	0.00 19	0.00 19	0.00 19	0.00 19	0.00 19	0.00 19	0.00 19	0.00 16	0.04 13
1974	0.00 20	0.00 20	0.00 20	0.00 20	0.00 20	0.00 20	0.00 20	0.00 17	0.00 9
1975	0.00 21	0.00 21	0.00 21	0.00 21	0.00 21	0.00 21	0.00 21	0.00 18	0.00 10

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1955	1040.0 6	681.0 7	518.0 4	366.0 5	284.0 3	147.0 3	98.0 3	74.0 4	48.0 4
1956	434.0 14	156.0 14	69.0 15	33.0 16	17.0 18	8.9 18	5.9 19	4.5 18	4.3 16
1957	212.0 15	140.0 15	60.0 16	28.0 17	18.0 16	9.3 16	6.2 17	4.7 17	3.1 18
1958	4040.0 2	1910.0 2	887.0 2	414.0 4	237.0 5	119.0 5	79.0 5	81.0 3	60.0 2
1959	1460.0 5	703.0 6	326.0 7	166.0 8	97.0 7	77.0 6	51.0 6	38.0 6	25.0 6
1960	580.0 10	330.0 12	144.0 12	67.0 13	42.0 13	31.0 12	24.0 11	18.0 11	12.0 11
1961	443.0 13	240.0 13	120.0 13	88.0 11	58.0 11	44.0 9	30.0 9	22.0 9	15.0 10
1962	22000.0 1	8350.0 1	3590.0 1	1680.0 1	838.0 1	419.0 1	280.0 1	211.0 1	138.0 1
1963	798.0 8	720.0 5	333.0 6	197.0 6	115.0 6	73.0 7	48.0 7	36.0 7	24.0 7
1964	2370.0 3	1340.0 3	666.0 3	451.0 2	329.0 2	171.0 2	114.0 2	86.0 2	56.0 3
1965	176.0 18	109.0 17	48.0 17	22.0 19	16.0 19	8.8 19	5.9 18	4.4 19	2.9 19
1966	847.0 7	514.0 8	239.0 9	181.0 7	93.0 8	59.0 8	48.0 8	36.0 8	24.0 8
1967	190.0 17	125.0 16	69.0 14	45.0 14	31.0 14	20.0 14	15.0 14	11.0 14	7.5 14
1968	600.0 9	467.0 9	286.0 8	143.0 9	72.0 9	36.0 10	28.0 10	21.0 10	15.0 9
1969	115.0 19	56.0 19	36.0 19	25.0 18	20.0 15	13.0 15	8.7 15	6.6 15	4.3 15
1970	518.0 12	363.0 11	163.0 11	95.0 10	59.0 10	33.0 11	22.0 12	16.0 12	11.0 12
1971	2230.0 4	931.0 4	490.0 5	447.0 3	261.0 4	139.0 4	93.0 4	70.0 5	46.0 5
1972	195.0 16	98.0 18	44.0 18	33.0 15	17.0 17	9.0 17	7.3 16	5.5 16	3.6 17
1973	568.0 11	373.0 10	171.0 10	80.0 12	42.0 12	23.0 13	15.0 13	11.0 13	7.5 13
1974	24.0 21	11.0 21	5.6 21	2.6 21	1.3 21	0.7 21	0.4 21	0.3 21	0.2 21
1975	45.0 20	15.0 20	7.3 20	4.6 20	2.3 20	1.4 20	1.0 20	0.7 20	0.5 20

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
8.80	8.15	9.30	0.91	7.32	2.23	0.09	0.04	0.74	23.1	50.5	48.8
395	1063	601	6.46	529	74.2	0.17	0.03	2.77	1335	5197	32910
19.9	32.6	24.5	2.54	23.0	8.61	0.41	0.18	1.66	36.5	72.1	181
3.18	4.53	2.71	2.85	3.29	4.44	4.58	4.58	2.06	1.96	1.76	4.54
2.26	4.00	2.64	2.81	3.14	3.86	4.57	4.54	2.26	1.58	1.43	3.72
5.50	5.10	5.82	0.57	4.58	1.40	0.06	0.02	0.46	14.5	31.5	30.5

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
13.4	281	16.8	2.16	1.26	-0.115

GILA RIVER BASIN

09489000 SANTA CRUZ RIVER NEAR LAVERN, AZ
(National stream-quality accounting network station)

LOCATION.--Lat 33°13'56", long 112°10'08", in NE 1/4 sec. 29, T.2 S., R.2 E., Pinal County, Hydrologic Unit 15050303, in Gila River Indian Reservation, on downstream side of highway bridge, 3.4 mi (5.5 km) upstream from mouth, 4.3 mi (6.9 km) south of Komatke, and 9 mi (14 km) south of Laveen.

DRAINAGE AREA.--8,581 mi² (22,225 km²).

WATER YEAR	ANNUAL PEAK DISCH., CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK, FT	CODE	ANNUAL MAX GAGE HT. FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1940	1200	09-18-40		9.30				1941	40300
1941	1580	03-15-41		10.03				1942	7900
1942	1890	07-15-42		11.61				1943	8470
1943	1200	09-28-43		10.01				1944	3800
1944	217	02-25-44		5.10				1945	7180
1945	1200	08-11-45		10.79				1946	40900
1946	5020	09-21-46		16.70				1949	10400
1948	1200	08-07-48		11.85				1950	4670
1949	1780	09-17-49		13.61				1951	35200
1950	685	08-11-50		10.20				1952	10400
1951	5060	08-28-51		17.00				1953	12100
1952	1860	08-15-52		14.38				1954	9380
1953	555	07-17-53		10.43	NM	10.46	11-18-52	1955	45200
1954	726	08-09-54		11.50				1956	1040
1955	2180	08-10-55		15.56				1957	1870
1956	90	01-30-56		6.64				1958	23500
1957	1040	08-20-57		12.40				1959	13400
1958	3360	11-03-57		16.10				1960	7290
1959	3010	08-12-59		16.03				1961	2330
1960	707	01-15-60		11.97				1962	17600
1961	547	08-15-61		11.56				1963	5620
1962	9200	09-29-62		17.50				1964	25400
1963	608	08-17-63		11.91				1965	938
1964	2520	08-14-64		15.42				1966	38800
1965	309	06-23-65		10.18				1967	1970
1966	2940	12-26-65	UR	15.50				1968	30100
1967	448	09-06-67		11.07				1969	684
1968	3820	12-23-67		15.98				1970	5140
1969	152	11-14-68		9.18				1971	28600
1970	1010	09-09-70		13.09				1972	625
1971	2440	08-22-71		15.03				1973	11900
1972	112	08-07-72		9.80				1974	343
1973	1650	10-22-72		13.94				1975	678
1974	144	07-20-74		9.64					
1975	203	07-14-75		10.00					

NM Not maximum gage height for water year.

UR Unknown effect of regulation or diversion.

09489000 SANTA CRUZ RIVER NEAR LAVERN, AZ--CONTINUED

[illegible]

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	5017	12052	100.0	12	1.7	939	3795	31.5	24	190	57	234	1.9
1	0.01	17	7035	58.4	13	2.5	608	2856	23.7	25	280	44	177	1.4
2	0.02	13	7018	58.2	14	3.7	449	2248	18.7	26	420	42	133	1.1
3	0.03	3	7005	58.1	15	5.5	480	1799	14.9	27	620	30	91	.7
4	0.04	26	7002	58.1	16	8.1	255	1319	10.9	28	930	32	61	.5
5	0.07	30	6976	57.9	17	12.0	235	1064	8.8	29	1400	12	29	.2
6	0.10	450	6946	57.6	18	18.0	162	829	6.9	30	2000	12	17	.1
7	0.20	353	6496	53.9	19	27.0	109	667	5.5	31	3000	4	5	
8	0.30	607	6143	51.0	20	39.0	106	558	4.6	32	4500	1	1	
9	0.50	602	5536	45.9	21	58.0	90	452	3.8	33				
10	0.80	789	4934	40.9	22	87.0	64	362	3.0	34				
11	1.10	350	4145	34.4	23	130.0	64	298	2.5					

GILA RIVER BASIN

09489000 SANTA CRUZ RIVER NEAR LAVERN, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1941	0.00 1	0.00 1	0.40 35	0.41 35	0.78 34	1.60 34	6.10 35	16.00 35	25.00 35
1942	0.10 24	0.10 30	0.10 27	0.21 33	0.45 33	1.19 33	4.10 33	4.60 33	5.20 32
1943	0.10 30	0.10 31	0.10 28	0.10 27	0.13 27	0.21 25	0.40 24	0.79 24	1.60 24
1944	0.10 31	0.10 32	0.10 29	0.10 28	0.14 28	0.40 30	2.20 32	2.10 30	3.40 31
1945	0.10 32	0.10 33	0.10 30	0.10 29	0.27 31	0.33 28	0.70 29	1.30 28	2.10 27
1946	0.10 33	0.17 34	0.20 33	0.20 31	0.25 30	0.39 29	1.70 31	2.30 31	2.20 28
1949	0.00 2	0.07 27	0.09 26	0.09 26	0.10 25	0.16 23	0.29 22	0.54 22	0.97 18
1950	0.00 3	0.00 2	0.00 1	0.00 1	0.12 26	0.24 26	0.50 25	0.68 23	1.60 25
1951	0.00 4	0.00 5	0.00 2	0.00 2	0.02 22	0.11 22	0.19 20	0.33 20	3.20 29
1952	0.30 35	0.30 35	0.30 34	0.35 34	0.83 35	0.90 32	0.99 30	1.40 29	3.20 30
1953	0.10 34	0.10 28	0.13 31	0.20 32	0.28 32	3.00 35	4.90 34	8.10 34	11.00 33
1954	0.00 5	0.10 29	0.13 32	0.17 30	0.18 29	0.30 27	0.56 27	0.92 25	2.00 26
1955	0.00 6	0.00 4	0.00 3	0.01 25	0.03 23	0.17 24	0.29 21	0.94 27	1.19 21
1956	0.00 7	0.00 5	0.00 4	0.00 3	0.00 1	0.05 20	0.13 19	0.28 18	1.19 22
1957	0.00 8	0.00 6	0.00 5	0.00 4	0.00 2	0.03 19	0.12 18	0.26 17	0.85 17
1958	0.00 9	0.00 7	0.00 6	0.00 5	0.00 3	0.10 21	0.54 26	3.30 32	11.00 34
1959	0.00 10	0.00 8	0.00 7	0.00 6	0.00 4	0.00 1	0.00 1	0.00 1	0.24 12
1960	0.00 11	0.00 9	0.00 8	0.00 7	0.08 24	0.61 31	0.70 28	0.92 26	1.00 19
1961	0.00 12	0.00 10	0.00 9	0.00 8	0.00 5	0.00 2	0.00 2	0.00 2	0.00 1
1962	0.00 13	0.00 11	0.00 10	0.00 9	0.00 6	0.00 3	0.04 16	0.30 19	0.71 16
1963	0.00 14	0.00 12	0.00 11	0.00 10	0.00 7	0.00 4	0.00 3	0.00 3	0.02 7
1964	0.00 15	0.00 13	0.00 12	0.00 11	0.00 8	0.00 5	0.00 4	0.00 4	0.00 2
1965	0.00 16	0.00 14	0.00 13	0.00 12	0.00 9	0.00 6	0.40 23	0.51 21	1.10 20
1966	0.00 17	0.00 15	0.00 14	0.00 13	0.00 10	0.00 7	0.00 5	0.00 5	0.62 15
1967	0.00 18	0.00 16	0.00 15	0.00 14	0.00 11	0.00 8	0.00 6	0.00 6	0.01 6
1968	0.00 19	0.00 17	0.00 16	0.00 15	0.00 12	0.00 9	0.04 17	0.16 16	1.30 23
1969	0.00 20	0.00 18	0.00 17	0.00 16	0.00 13	0.00 10	0.00 7	0.00 7	0.08 9
1970	0.00 21	0.00 19	0.00 18	0.00 17	0.00 14	0.00 11	0.00 8	0.12 15	0.60 14
1971	0.00 22	0.00 20	0.00 19	0.00 18	0.00 15	0.00 12	0.00 9	0.00 8	0.00 3
1972	0.00 23	0.00 21	0.00 20	0.00 19	0.00 16	0.00 13	0.00 10	0.00 9	0.00 4
1973	0.00 24	0.00 22	0.00 21	0.00 20	0.00 17	0.00 14	0.00 11	0.00 10	0.08 10
1974	0.00 25	0.00 23	0.00 22	0.00 21	0.00 18	0.00 15	0.00 12	0.00 11	0.08 11
1975	0.00 26	0.00 24	0.00 23	0.00 22	0.00 19	0.00 16	0.01 15	0.04 14	0.48 13

09489000 SANTA CRUZ RIVER NEAR LAVERN, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1941	1460.0 11	1090.0 11	691.0 11	421.0 10	262.0 9	172.0 8	152.0 7	133.0 4	96.0 3
1942	906.0 14	329.0 21	149.0 22	70.0 23	45.0 23	25.0 23	19.0 23	15.0 23	13.0 22
1943	904.0 15	640.0 14	355.0 14	166.0 15	83.0 18	63.0 15	43.0 15	32.0 15	22.0 16
1944	167.0 27	135.0 26	76.0 24	40.0 25	24.0 25	14.0 25	11.0 25	9.1 24	7.2 24
1945	525.0 19	445.0 17	261.0 16	165.0 16	94.0 15	48.0 17	32.0 18	24.0 18	17.0 19
1946	4490.0 2	4270.0 1	2410.0 1	1140.0 1	575.0 2	299.0 2	214.0 2	161.0 2	107.0 2
1949	1280.0 12	696.0 13	407.0 13	236.0 12	119.0 14	76.0 12	53.0 12	41.0 12	28.0 13
1950	320.0 24	196.0 23	113.0 23	85.0 21	61.0 21	32.0 21	22.0 22	16.0 22	11.0 23
1951	3390.0 3	2650.0 3	1320.0 3	625.0 6	516.0 3	276.0 3	186.0 3	141.0 3	94.0 4
1952	820.0 16	402.0 18	194.0 20	117.0 20	83.0 16	52.0 16	39.0 16	31.0 16	25.0 14
1953	473.0 20	364.0 19	197.0 19	120.0 19	61.0 22	32.0 22	23.0 21	21.0 19	20.0 17
1954	592.0 18	446.0 16	260.0 17	192.0 14	123.0 12	65.0 13	45.0 13	34.0 13	24.0 15
1955	2130.0 8	1550.0 9	1260.0 4	821.0 3	616.0 1	373.0 1	249.0 1	187.0 1	123.0 1
1956	64.0 32	33.0 31	15.0 32	7.5 33	4.5 31	3.0 30	2.7 29	2.4 29	2.3 28
1957	372.0 23	151.0 24	66.0 25	32.0 27	17.0 26	11.0 26	7.5 27	5.7 27	4.5 27
1958	2730.0 4	1880.0 6	899.0 8	422.0 9	225.0 10	112.0 10	75.0 10	73.0 9	54.0 9
1959	1880.0 9	1180.0 10	730.0 10	394.0 11	211.0 11	112.0 11	75.0 11	56.0 11	37.0 11
1960	466.0 21	340.0 20	179.0 21	84.0 22	83.0 17	45.0 18	36.0 17	27.0 17	18.0 18
1961	176.0 26	95.0 27	63.0 26	52.0 24	33.0 24	17.0 24	12.0 24	8.6 25	5.7 25
1962	5820.0 1	2830.0 2	1220.0 5	573.0 7	286.0 8	144.0 9	97.0 9	73.0 10	48.0 10
1963	402.0 22	305.0 22	219.0 18	147.0 17	80.0 19	42.0 19	28.0 19	21.0 20	14.0 20
1964	2210.0 7	1560.0 8	789.0 9	553.0 8	313.0 7	201.0 7	134.0 8	101.0 8	66.0 8
1965	117.0 28	41.0 30	17.0 31	8.1 32	4.3 33	3.1 29	2.5 30	2.1 30	1.8 29
1966	2730.0 5	2050.0 5	1100.0 6	666.0 5	344.0 6	233.0 5	168.0 4	126.0 5	83.0 5
1967	271.0 25	136.0 25	58.0 27	34.0 26	17.0 27	9.5 27	9.9 26	7.4 26	4.9 26
1968	2690.0 6	2210.0 4	1390.0 2	899.0 2	450.0 5	225.0 6	164.0 5	123.0 6	82.0 6
1969	71.0 30	61.0 28	27.0 28	13.0 28	6.7 28	4.1 28	3.3 28	2.6 28	1.8 30
1970	732.0 17	497.0 15	269.0 15	126.0 18	76.0 20	41.0 20	28.0 20	21.0 21	14.0 21
1971	1850.0 10	1700.0 7	1030.0 7	766.0 4	452.0 4	240.0 4	160.0 6	120.0 7	79.0 7
1972	42.0 33	24.0 33	14.0 33	9.0 30	4.5 32	2.6 31	1.8 32	1.5 32	1.0 32
1973	1270.0 13	933.0 12	486.0 12	227.0 13	122.0 13	64.0 14	44.0 14	33.0 14	33.0 12
1974	72.0 29	42.0 29	18.0 29	8.8 31	4.7 30	2.6 32	1.7 33	1.3 33	0.9 33
1975	66.0 31	27.0 32	17.0 30	10.0 29	5.0 29	2.5 33	2.2 31	1.7 31	1.3 31

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
7.08	10.2	26.9	6.98	11.9	12.0	5.01	1.83	1.81	13.8	78.4	43.8
432	1304	8494	430	1012	1527	175	11.5	8.95	567	21430	11460
20.8	36.1	92.2	20.7	31.8	39.1	13.2	3.40	2.99	23.8	146	107
5.11	4.91	3.95	4.75	4.18	5.37	4.82	2.49	1.89	3.16	2.56	4.05
2.93	3.53	3.42	2.97	2.67	3.25	2.64	1.86	1.65	1.73	1.87	2.44
3.22	4.65	12.2	3.18	5.43	5.48	2.28	0.83	0.82	6.27	35.7	19.9

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
19.0	369	19.2	1.03	1.01	-0.405

09489070 NORTH FORK OF EAST FORK BLACK RIVER NEAR ALPINE, AZ

LOCATION.--Lat 33°54'11", long 109°19'20", in SW¼NE¼ sec.19, T.6 N., R.29 E (unsurveyed), Apache County, Hydrologic Unit 15060101, in Apache National Forest, on right bank 1.4 mi (2.3 km) downstream from Crosby Crossing and 12 mi (19 km) northwest of Alpine.

DRAINAGE AREA.--38.1 mi² (98.7 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1966	556	04-03-66	3.80	1966	17000
1967	27	08-10-67	1.62	1967	1820
1968	515	04-15-68	3.72	1968	14100
1969	366	04-06-69	3.35	1969	6860
1970	142	04-06-70	2.53	1970	3550
1971	39	03-12-71	1.78	1971	889
1972	218	10-25-71	2.86	1972	5190
1973	1070	04-17-73	4.64	1973	35800
1974	77	03-29-74	2.13	1974	1630
1975	577	04-25-75	3.84	1975	13200

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1966							42	44	47	48	38	19	16	10	14	13	6	8	5	4	7	2	4	3	5	5	5	10	5	2	3				
1967					81	36	58	34	33	21	23	17	18	13	7	11	2	8	3																
1968					87	27	15	46	37	15	14	7	22	13	6	8	5	7	6	2	8	4	2	1	10	7	5	3	4	3	2				
1969	86	1	17		8	6	34	58	25	16	10	15	11	5	3	10	6	13	7	9	6	3	3	1		5	4	2	1						
1970					27	40	22	35	20	25	49	40	25	20	12	13	13	4	7	4	4	1	1	3											
1971		33	35	25	74	74	24	26	24	21	7	6	5	2	2	1	3	2	1																
1972		4	19	23	48	33	14	20	12	12	6	6	56	17	22	13	12	12	8	9	6	5	4	2	2		1								
1973				3					18	63	60	22	47	18	7	10	8	7	20	8	4	7	14	1	3	6	6	5	2	4	10	7	4	1	
1974				8	41	81	57	49	39	38	8	6	5	6	3	2	2	9	2	3	2	2													
1975					5	6	79	40	40	20	25	15	11	7	7	18	9	8	7	7	20	8	13	4	1	1	2	6	2	1	3				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3652	100.0	12	4.0	217	1055	28.9	24	79	21	148	4.0
1	0.10	123	3652	100.0	13	5.1	108	838	22.9	25	100	24	127	3.4
2	0.30	63	3529	96.6	14	6.6	82	730	20.0	26	130	23	103	2.8
3	0.40	109	3466	94.9	15	8.4	99	648	17.7	27	170	26	80	2.1
4	0.50	411	3357	91.9	16	11.0	66	549	15.0	28	220	14	54	1.4
5	0.70	279	2946	80.7	17	14.0	78	483	13.2	29	280	10	40	1.0
6	0.90	337	2667	73.0	18	18.0	66	405	11.1	30	350	18	30	.8
7	1.10	342	2330	63.8	19	23.0	46	339	9.3	31	450	7	12	.3
8	1.50	294	1988	54.4	20	29.0	57	293	8.0	32	580	4	5	.1
9	1.90	249	1694	46.4	21	38.0	32	236	6.5	33	750	1	1	
10	2.40	238	1445	39.6	22	48.0	41	204	5.6	34				
11	3.10	152	1207	33.1	23	62.0	15	163	4.5					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1966	0.90 11	0.93 11	1.00 10	1.00 10	1.00 10	1.19 10	2.30 10	2.80 10	21.00 11
1967	0.50 6	0.50 6	0.50 5	0.50 5	0.50 4	0.58 6	0.75 6	0.94 6	1.40 4
1968	0.50 7	0.50 7	0.50 6	0.50 6	0.50 5	0.50 3	0.52 3	0.62 3	1.50 5
1969	0.20 1	0.20 1	0.20 1	0.20 1	0.20 1	0.20 1	0.21 1	0.30 1	1.00 3
1970	0.50 8	0.53 8	0.59 7	0.69 7	0.80 7	0.89 7	0.87 7	1.10 7	4.90 7
1971	0.20 2	0.20 2	0.23 2	0.28 2	0.29 2	0.32 2	0.38 2	0.49 2	0.94 2
1972	0.27 3	0.29 3	0.34 3	0.39 3	0.50 6	0.55 4	0.58 4	0.69 4	0.86 1
1973	0.44 5	0.45 5	1.80 11	1.80 11	1.90 11	2.30 11	2.60 11	3.20 11	14.00 10
1974	0.35 4	0.39 4	0.40 4	0.43 4	0.45 3	0.56 5	0.71 5	0.71 5	2.00 6
1975	0.66 9	0.66 9	0.86 9	0.99 9	1.00 8	1.00 8	1.10 8	2.20 9	6.70 8

GILA RIVER BASIN

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09489070 NORTH FORK OF EAST FORK BLACK RIVER NEAR ALPINE, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1966	434.0 2	396.0 2	328.0 2	259.0 2	208.0 2	125.0 2	85.0 2	64.0 2	44.0 2
1967	21.0 9	18.0 9	15.0 9	12.0 9	8.8 9	7.9 9	5.7 9	4.5 9	3.6 9
1968	372.0 4	343.0 4	303.0 4	241.0 3	174.0 3	104.0 3	71.0 3	54.0 3	38.0 3
1969	223.0 5	213.0 5	174.0 5	130.0 5	77.0 5	46.0 5	31.0 5	24.0 5	18.0 5
1970	70.0 7	66.0 7	51.0 7	35.0 7	26.0 6	17.0 6	13.0 7	10.0 7	7.9 7
1971	18.0 10	16.0 10	11.0 10	6.4 10	3.9 10	2.5 10	1.9 10	1.5 10	1.5 10
1972	146.0 6	97.0 6	67.0 6	43.0 6	25.0 7	16.0 7	18.0 6	15.0 6	13.0 6
1973	802.0 1	750.0 1	636.0 1	500.0 1	411.0 1	254.0 1	178.0 1	136.0 1	91.0 1
1974	43.0 8	39.0 8	31.0 8	24.0 8	16.0 8	9.4 8	6.6 8	5.2 8	3.7 8
1975	398.0 3	372.0 3	305.0 3	230.0 4	142.0 4	89.0 4	66.0 4	50.0 4	33.0 4

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
7.25	3.61	2.98	2.30	1.91	20.9	90.7	24.5	2.32	2.73	4.91	3.58
122	9.19	22.0	14.1	4.68	926	13210	1736	7.95	11.5	22.9	13.2
11.0	3.03	4.69	3.75	2.16	30.4	115	41.7	2.82	3.39	4.78	3.63
1.96	0.80	2.82	2.87	1.71	2.58	1.61	2.41	2.46	2.63	0.73	2.21
1.52	0.84	1.56	1.63	1.13	1.45	1.27	1.70	1.21	1.24	0.97	1.02
4.32	2.15	1.77	1.37	1.14	12.5	54.1	14.6	1.39	1.63	2.93	2.13

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
13.8	220	14.8	1.72	1.07	-0.349

GILA RIVER BASIN

09489100 BLACK RIVER NEAR MAVERICK, AZ

LOCATION.--Lat 33°42'27", long 109°26'48", in SW¼ sec.30, T.4 N., R.28 E., Apache County, Hydrologic Unit 15060101, in Apache National Forest, on right bank 1.0 mi (1.6 km) downstream from Fish Creek, 1.1 mi (1.8 km) upstream from Conklin Creek, and 6 mi (10 km) southeast of Maverick.

DRAINAGE AREA.--315 mi² (816 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1963	911	09-10-63	3.13	1963	70100
1964	946	09-15-64	3.18	1964	62300
1965	2010	04-21-65	4.20	1965	146000
1966	2300	04-02-66	4.43	1966	157000
1967	1040	08-12-67	3.30	1967	41800
1968	1890	04-16-68	4.17	1968	135000
1969	1740	04-07-69	4.07	1969	82700
1970	402	09-06-70	2.35	1970	45600
1971	580	08-29-71	2.60	1971	27100
1972	2910	10-24-71	4.84	1972	72700
1973	11100	10-20-72	8.14	1973	284000
1974	342	03-31-74	2.36	1974	30700
1975	2360	03-08-75	4.72	1975	160000

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1963			18	21	77	51	19	16	10	15	8	9	11	19	18	12	16	10	16	6	2	7	4													
1964		11	29	26	48	41	18	22	24	22	24	18	13	12	11	6	7	7	3	5	8	5	6													
1965			2	11	28	37	24		38	26	16	6	6	9	19	24	22	16	11	8	6	8	8	12	7	1	4	2	4							
1966				21	37	15	24	24	16	38	26	30	10	21	18	7	10	6	10	2	3	4	6	5	2	5	13	3	8	1						
1967		3	29	52	68	46	28	17	26	21	15	11	7	5	7	7	8	4	5	2	2		1	1												
1968		3	3	7	71	32	44	21	28	14	11	12	8	7	9	6	3	4	5	11	8	11	14	14	10	4	4	2								
1969		9	26	47	46	24	20	15	27	35	17	9	7	8	18	10	4	2	4	6	7	5	3	4	8	4										
1970		11	8	19	46	62	43	51	14	18	16	5	9	12	14	12	11	7	7																	
1971		13	27	37	82	64	42	31	25	12	5	12	5	2	3			3	2																	
1972		2	22	32	55	22	17	16	23	21	19	29	19	17	31	8	5	5	2	5	5	2	4	1	1		1	1	1							
1973			3	17	12	6	13	8	13	35	23	25	27	5	17	8	27	14	10	17	14	8	8	3	5	4	8	6	7	15	4	1			2	
1974		31	35	77	70	34	16	18	10	12	15	9	6	3	12	9	6	1	1																	
1975			4	11	40	44	28	31	27	16	12	15	12	6	14	8	8	6	2	1	8	21	12	10	9	6	7	3	4							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4748	100.0	12	93.0	140	1344	28.3	24	790	42	167	3.5
1	13.00	83	4748	100.0	13	110.0	126	1204	25.4	25	950	24	125	2.6
2	16.00	204	4665	98.3	14	130.0	191	1078	22.7	26	1100	37	101	2.1
3	19.00	369	4461	94.0	15	160.0	117	887	18.7	27	1400	17	64	1.3
4	22.00	663	4092	86.2	16	190.0	127	770	16.2	28	1600	23	47	.9
5	27.00	469	3429	72.2	17	230.0	85	643	13.5	29	1900	17	24	.5
6	32.00	349	2960	62.3	18	270.0	78	558	11.8	30	2300	4	7	.1
7	38.00	294	2611	55.0	19	320.0	63	480	10.1	31	2800	1	3	
8	45.00	281	2317	48.8	20	390.0	63	417	8.8	32	3300		2	
9	54.00	285	2036	42.9	21	460.0	71	354	7.5	33	4000		2	
10	65.00	207	1751	36.9	22	550.0	66	283	6.0	34	4700	2	2	
11	78.00	200	1544	32.5	23	660.0	50	217	4.6					

GILA RIVER BASIN

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09489100 BLACK RIVER NEAR MAVERICK, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1963	17.00 12	17.00 11	17.00 9	18.00 9	19.00 7	21.00 6	25.00 10	30.00 9	88.00 9
1964	13.00 2	13.00 1	14.00 2	15.00 2	16.00 2	21.00 7	23.00 5	28.00 6	55.00 6
1965	19.00 13	22.00 14	24.00 14	26.00 14	30.00 14	30.00 12	38.00 12	80.00 14	153.00 11
1966	20.00 14	20.00 13	20.00 13	21.00 12	22.00 10	35.00 14	47.00 13	50.00 11	186.00 13
1967	14.00 5	15.00 8	16.00 7	17.00 6	18.00 5	20.00 4	24.00 7	25.00 5	32.00 3
1968	14.00 6	15.00 9	18.00 10	20.00 10	23.00 12	24.00 9	25.00 8	29.00 7	143.00 10
1969	13.00 3	14.00 4	14.00 3	16.00 3	17.00 3	18.00 1	19.00 1	30.00 8	74.00 8
1970	15.00 7	15.00 5	15.00 4	17.00 7	22.00 11	24.00 10	25.00 9	32.00 10	53.00 5
1971	15.00 8	15.00 6	15.00 5	16.00 4	17.00 4	19.00 2	20.00 2	23.00 3	28.00 1
1972	15.00 9	15.00 7	16.00 6	18.00 8	20.00 8	22.00 8	23.00 6	23.00 4	29.00 2
1973	17.00 10	17.00 10	20.00 11	20.00 11	22.00 9	32.00 13	48.00 14	68.00 13	268.00 14
1974	13.00 4	13.00 2	13.00 1	14.00 1	15.00 1	19.00 3	20.00 3	21.00 1	40.00 4
1975	17.00 11	18.00 12	20.00 12	24.00 13	26.00 13	29.00 11	35.00 11	58.00 12	166.00 12

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1963	655.0 9	566.0 0	511.0 9	412.0 8	305.0 9	225.0 8	198.0 8	159.0 8	123.0 8
1964	654.0 10	609.0 8	521.0 8	396.0 9	306.0 8	189.0 9	138.0 10	109.0 10	120.0 9
1965	1720.0 5	1680.0 4	1550.0 4	1200.0 4	959.0 4	695.0 4	545.0 5	459.0 5	339.0 4
1966	1950.0 3	1840.0 2	1700.0 2	1420.0 2	1370.0 2	895.0 2	633.0 3	520.0 3	390.0 2
1967	748.0 8	590.0 9	446.0 10	336.0 10	241.0 10	187.0 10	138.0 11	109.0 11	84.0 11
1968	1570.0 6	1450.0 6	1290.0 5	1070.0 5	909.0 5	690.0 5	612.0 4	491.0 4	338.0 5
1969	1000.0 7	995.0 7	962.0 7	879.0 6	687.0 6	451.0 6	327.0 6	268.0 6	189.0 6
1970	319.0 11	307.0 11	295.0 11	257.0 11	227.0 11	185.0 11	148.0 9	120.0 9	89.0 10
1971	287.0 12	226.0 13	209.0 12	149.0 13	109.0 13	78.0 13	59.0 13	49.0 13	42.0 13
1972	2230.0 2	1520.0 5	997.0 6	645.0 7	418.0 7	291.0 7	245.0 7	217.0 7	172.0 7
1973	5480.0 1	4040.0 1	2160.0 1	1940.0 1	1880.0 1	1420.0 1	1070.0 1	851.0 1	592.0 1
1974	271.0 13	249.0 12	209.0 13	193.0 12	164.0 12	116.0 12	89.0 12	72.0 12	62.0 12
1975	1870.0 4	1810.0 3	1650.0 3	1360.0 3	1070.0 3	865.0 3	703.0 2	546.0 2	372.0 3

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
126	65.6	53.7	69.5	89.5	288	513	222	41.3	40.2	75.5	91.8
43680	3321	2813	4295	6711	69700	223000	128100	1232	693	2746	6426
209	57.6	53.0	65.5	81.9	264	472	358	35.1	26.3	52.4	80.2
2.52	1.31	1.76	1.39	1.42	1.44	0.68	2.85	2.57	1.82	2.02	1.52
1.66	0.88	0.99	0.94	0.92	0.92	0.92	1.61	0.85	0.66	0.69	0.87
7.50	3.91	3.20	4.15	5.34	17.2	30.6	13.3	2.47	2.40	4.51	5.48

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
140	10150	101	1.36	0.72	-0.306

09489200 PACHETA CREEK AT MAVERICK, AZ

LOCATION.--Lat 33°44'23", long 109°32'24", at corner of secs.28, 29, 32, 33, T.4½ N., R.27 E. (unsurveyed), Apache County, Hydrologic Unit 15060101, in Fort Apache Indian Reservation, on left bank 0.5 mi (0.8 km) southeast of Maverick.

DRAINAGE AREA.--14.8 mi² (38.3 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1958	312	04-22-58	4.33	1958	11100
1959	140	10-06-58	3.67	1959	2020
1960	102	03-21-60	3.49	1960	5590
1961	18	08-08-61	2.76	1961	694
1962	179	04-09-62	3.80	1962	8190
1963	118	08-19-63	3.62	1963	3130
1964	95	08-14-64	3.47	1964	3020
1965	128	04-23-65	3.71	1965	9170
1966	145	03-22-66	3.75	1966	11400
1967	60	08-27-67	3.37	1967	2540
1968	120	04-15-68	3.64	1968	8430
1969	122	04-06-69	3.69	1969	6740
1970	71	04-11-70	3.31	1970	4220
1971	39	09-30-71	3.00	1971	1210
1972	69	10-24-71	3.29	1972	2570
1973	323	05-13-73	4.36	1973	19900
1974	39	08-05-74	3.10	1974	1580
1975	132	04-25-75	3.67	1975	8370

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1958								9	21	60	17	26	25	21	23	18	30	16	9	8	9	6	5	2	3	12	14	6	8	3	5	4	2	3	
1959			9	12	27	19	6	16	23	56	28	12	32	33	35	24	13	5	4	1	2	3	1	2	1										
1960			44	41	33	10	5	25	9	28	13	19	20	15	21	4	3	7	3	2	6	5	8	5	5	6	16	3	8	2					
1961			14	55	78	38	35	64	21	10	9	2	2	9	13	5	4	4	1	1															
1962						24	34	87	14	19	18	26	17	11	6	5	2	6	22	8	10	2	8	3	6	7	3	7	6	1	3	10			
1963									128	59	22	5	9	7	13	13	19	12	27	13	5	7	4	8	1	7	2	2	2						
1964								57	67	59	19	30	15	25	15	10	7	8	5	4	16	6	10	3	3	5	2								
1965									10	71	29	24	21	16	11	4	10	18	10	14	30	19	17	10	7	13	9	9	6	3	4				
1966									10	73	27	13	16	16	14	21	10	27	17	14	20	7	12	9	3	13	3	10	5	12	11	2			
1967										115	91	35	15	30	7	9	9	5	8	6	16	8	6	4	1										
1968										119	58	29	23	11	7	14	4	3	2	2	1	12	14	8	15	4	8	19	7	2	4				
1969										150	30	14	53	7	9	10	6	7	4	4	10	5	9	13	4	3	2	7	11	5	2				
1970										1	28	142	36	41	19	14	6	6	6	7	20	9	6	3	8	9	3	1							
1971								14	7	55	130	117	32	8		1						1													
1972									13	75	56	58	22	18	21	38	16	13	7	6	8	7	1			1									
1973										34	22	15	4	9	21	24	36	29	23	7	12	25	18	11	7	5	3	7	7	8	6	15	5	9	3
1974										124	122	36	11	17	15	8	10	10	8	2	2														
1975										19	102	70	21	19	15	10	5	6	6	4	3	11	11	8	9	13	10	9	1	9	3	1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6574	100.0	12	2.1	372	2865	43.6	24	27	80	526	8.0
1	0.10	0	6574	100.0	13	2.6	319	2493	37.9	25	33	93	446	6.7
2	0.20	67	6574	100.0	14	3.2	265	2174	33.1	26	41	76	353	5.3
3	0.30	108	6507	99.0	15	3.9	238	1909	29.0	27	51	80	277	4.2
4	0.40	138	6399	97.3	16	4.9	183	1671	25.4	28	62	59	197	2.9
5	0.50	91	6261	95.2	17	6.0	197	1488	22.6	29	77	45	138	2.0
6	0.60	80	6170	93.9	18	7.4	148	1291	19.6	30	96	39	93	1.4
7	0.70	400	6090	92.6	19	9.2	95	1143	17.4	31	120	32	54	.8
8	0.90	254	5690	86.6	20	11.0	172	1048	15.9	32	150	7	22	.3
9	1.10	1090	5436	82.7	21	14.0	129	876	13.3	33	180	12	15	.2
10	1.40	804	4346	66.1	22	17.0	140	747	11.4	34	220	3	3	
11	1.70	677	3542	53.9	23	22.0	81	607	9.2					

GILA RIVER BASIN

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09489200 PACHETA CREEK AT MAVERICK, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1958	0.80 8	0.80 8	0.93 8	1.00 9	1.10 10	1.30 13	1.70 16	2.30 16	5.50 14
1959	0.20 1	0.20 1	0.21 3	0.27 3	0.33 3	0.42 3	0.60 3	0.86 4	1.50 3
1960	0.20 2	0.20 2	0.20 1	0.20 1	0.24 1	0.30 2	0.31 1	0.42 2	7.10 16
1961	0.20 3	0.20 3	0.20 2	0.21 2	0.25 2	0.29 1	0.33 2	0.38 1	0.96 1
1962	0.50 4	0.50 4	0.50 4	0.50 4	0.57 4	0.73 4	0.79 4	0.83 3	4.60 12
1963	0.70 5	0.70 5	0.71 5	0.76 5	0.80 5	0.82 5	0.85 5	0.94 5	4.00 11
1964	0.80 6	0.80 6	0.80 6	0.80 6	0.82 6	0.87 6	0.93 6	1.10 6	1.90 6
1965	1.00 9	1.00 9	1.00 9	1.10 13	1.19 14	1.19 10	1.60 15	3.70 18	8.40 17
1966	1.00 10	1.00 10	1.00 10	1.00 10	1.10 11	1.50 18	2.10 19	2.70 17	15.00 19
1967	1.10 13	1.10 13	1.19 15	1.19 14	1.19 15	1.30 14	1.50 14	1.50 11	1.70 5
1968	1.19 16	1.19 16	1.19 16	1.19 15	1.30 16	1.40 15	1.40 12	1.50 12	7.00 15
1969	1.10 14	1.10 14	1.10 13	1.10 11	1.10 12	1.19 11	1.30 10	1.50 13	3.50 9
1970	1.30 17	1.40 19	1.40 19	1.50 19	1.70 19	1.70 19	1.80 17	1.80 14	3.70 10
1971	0.80 7	0.80 7	0.80 7	0.81 7	0.95 7	1.10 7	1.30 11	1.40 10	1.60 4
1972	1.00 11	1.00 11	1.00 11	1.00 8	1.10 8	1.10 8	1.19 7	1.30 8	1.50 2
1973	1.30 18	1.30 17	1.30 17	1.30 18	1.30 17	1.40 16	2.00 18	5.40 19	12.00 18
1974	1.10 15	1.10 15	1.19 14	1.19 16	1.19 13	1.19 12	1.19 8	1.30 9	2.10 7
1975	1.30 19	1.30 18	1.30 18	1.30 17	1.40 18	1.50 17	1.50 13	1.80 15	4.80 13

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1958	215.0 2	202.0 2	174.0 2	141.0 2	105.0 2	73.0 2	52.0 2	40.0 2	27.0 3
1959	97.0 9	57.0 10	36.0 12	22.0 13	13.0 14	8.0 14	6.1 15	4.9 15	4.1 15
1960	83.0 10	77.0 9	73.0 9	64.0 9	54.0 9	39.0 9	28.0 9	22.0 9	15.0 9
1961	9.2 18	8.2 17	7.0 17	5.2 17	4.7 17	3.1 17	2.4 17	1.9 17	1.5 18
1962	149.0 3	145.0 3	140.0 3	122.0 3	90.0 4	56.0 4	41.0 5	32.0 5	22.0 4
1963	53.0 12	51.0 12	43.0 11	35.0 11	25.0 11	16.0 11	13.0 11	10.0 11	6.9 11
1964	46.0 13	39.0 13	34.0 13	24.0 12	16.0 12	9.6 13	6.8 13	5.3 14	6.5 12
1965	107.0 7	106.0 6	97.0 6	80.0 6	63.0 8	48.0 7	36.0 7	30.0 7	22.0 5
1966	126.0 4	122.0 4	110.0 4	98.0 4	93.0 3	67.0 3	48.0 3	38.0 3	29.0 2
1967	27.0 15	26.0 14	23.0 14	17.0 14	15.0 13	12.0 12	9.0 12	7.0 12	5.3 14
1968	109.0 6	102.0 7	93.0 7	74.0 8	65.0 7	50.0 6	41.0 4	32.0 4	22.0 6
1969	104.0 8	98.0 8	92.0 8	79.0 7	66.0 6	43.0 8	31.0 8	24.0 8	17.0 8
1970	56.0 11	52.0 11	45.0 10	38.0 10	31.0 10	22.0 10	17.0 10	13.0 10	9.6 10
1971	14.0 16	6.0 18	3.5 18	2.6 18	2.4 18	2.1 18	1.9 18	1.8 18	1.7 17
1972	33.0 14	26.0 15	18.0 15	15.0 15	10.0 15	6.3 15	6.2 14	5.4 13	5.6 13
1973	244.0 1	225.0 1	193.0 1	175.0 1	163.0 1	121.0 1	87.0 1	68.0 1	47.0 1
1974	12.0 17	11.0 16	9.6 16	8.5 16	7.1 16	5.4 16	4.3 16	3.6 16	3.0 16
1975	120.0 5	113.0 5	102.0 5	89.0 5	68.0 5	51.0 5	40.0 6	31.0 6	21.0 7

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
3.77	2.62	2.50	3.15	4.03	15.2	39.7	19.2	2.83	1.76	2.66	3.72
34.1	7.37	7.28	15.5	13.1	230	1253	962	19.4	2.21	6.40	16.8
5.84	2.72	2.70	3.93	3.62	15.2	35.4	31.0	4.41	1.49	2.53	4.10
2.87	3.01	2.97	2.37	1.53	1.95	0.40	3.06	3.51	2.16	3.15	1.75
1.55	1.04	1.08	1.25	0.90	1.00	0.89	1.61	1.56	0.84	0.95	1.10
3.73	2.59	2.47	3.11	3.98	15.0	39.2	19.0	2.79	1.74	2.63	3.68

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
8.42	45.5	6.75	1.35	0.80	-0.357

09489499 BLACK RIVER ABOVE WILLOW CREEK DIVERSION, NEAR POINT OF PINES, AZ

LOCATION.--Lat 33°28'36", long 109°45'48", in W¹/₄ sec.32, T.2 N., R.25 E. (unsurveyed), Graham County, Hydrologic Unit 15060101, in San Carlos Indian Reservation on left bank 0.9 mi (1.4 km) downstream from Phelps Dodge Corp. pumping plant, 1.3 mi (2.1 km) downstream from Freezeout Creek, 8 mi (13 km) northwest of Point of Pines, and 63 mi (101 km) upstream from confluence with White River.

DRAINAGE AREA.--560 mi² (1,450 km²).

WATER YEAR	ANNUAL PEAK DISCH.,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1954	5000	03-23-54	9.35	1954	65600
1955	1310	08-21-55	5.69	1955	53500
1956	642	03-20-56	4.45	1956	57300
1957	2060	08-26-57	6.42	1957	102000
1958	4590	04-23-58	8.95	1958	249000
1959	4820	08-19-59	9.1	1959	60600
1960	1820	03-14-60	6.0	1960	153000
1961	495	04-04-61	3.94	1961	44400
1962	2950	04-11-62	7.32	1962	233000
1963	1720	08-29-63	5.98	1963	107000
1964	1110	10-20-63	5.10	1964	93000
1965	2640	04-22-65	6.98	1965	214000
1966	6380	12-30-65	10.86	1966	265000
1967	1330	08-13-67	5.39	1967	72600
1968	2440	04-16-68	6.76	1968	231000
1969	2010	04-07-69	6.38		
1970	479	04-12-70	3.93		
1971	542	08-21-71	4.07		
1972	3210	10-25-71	7.70		
1973	17900	10-19-72	18.0		
1974	404	08-02-74	4.13		
1975	2840	03-09-75	7.31		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1954	3	2	35	51	55	71	29	18	16	10	10	11	10	10	5	2	3	2	1	2	4	9	3				1					1	1		
1955			11	42	47	79	57	34	14	17	15	13	4	2	2	1	2	9	5	3	2	2	2	1			1								
1956			22	35	62	48	57	22	21	16	5	4	9	11	7	14	12	8	3	5	5														
1957			3	37	48	34	27	17	10	12	14	8	8	16	14	15	35	28	22	6	3	3	1	1			2		1						
1958				7	17	41	48	26	31	21	19	22	18	4	16	11	6	6	3	5	3	4	3	4	4	22	4	5	2	3	5	4	1		
1959			12	26	38	44	46	39	42	31	23	17	10	9	2	1	5	7	1	2	3	2	2	2		1	1	1							
1960			11	32	34	36	15	12	18	21	12	14	23	18	14	20	16	12	5	6	4	2	5	10	5	2	8	9	2						
1961		9	40	42	60	67	44	35	12	5	3	4	3	8	7	4	5	9	4	2	2														
1962			23	33	23	22	15	15	17	10	5	18	28	14	25	13	13	19	8	7	5	4	5	4	5	11	4	3	5	6	5				
1963		6	12	18	22	35	45	38	20	11	13	5	11	8	5	17	22	18	16	17	9	5	5	3	3	1									
1964		1		25	26	50	22	36	22	23	22	17	21	24	8	13	10	9	6	7	5	7	6	2	3	1									
1965				7	25	49	24	33	22	25	12	8	4	10	15	26	12	11	17	9	12	10	7	9	6	2	3	2	5						
1966				13	21	26	26	22	18	15	17	16	34	12	19	23	14	8	8	8	9	3	4	6	5	4	5	10	4	8	5	2			
1967	1			11	17	38	118	30	18	12	25	14	16	13	3	8	7	7	7	6	6	3	3		1	1									
1968			1	3	18	39	38	25	39	24	15	10	12	6	8	12	7	11	7	3	11	10	7	19	13	14	7	3	3	1					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5479	100.0	12	95.0	188	2010	36.7	24	670	46	332	6.0
1	16.00	4	5479	100.0	13	110.0	193	1822	33.3	25	790	53	286	5.2
2	19.00	18	5475	99.9	14	130.0	219	1629	29.7	26	930	46	233	4.2
3	22.00	146	5457	99.6	15	160.0	107	1410	25.7	27	1100	66	187	3.4
4	26.00	343	5311	96.9	16	180.0	173	1303	23.8	28	1300	32	121	2.2
5	31.00	465	4968	90.7	17	210.0	191	1130	20.6	29	1500	26	89	1.6
6	36.00	588	4503	82.2	18	250.0	175	939	17.1	30	1800	16	63	1.1
7	42.00	613	3915	71.5	19	300.0	126	764	13.9	31	2100	24	47	.8
8	50.00	457	3302	60.3	20	350.0	93	638	11.6	32	2500	16	23	.4
9	59.00	305	2845	51.9	21	410.0	83	545	9.9	33	2900	6	7	.1
10	69.00	296	2540	46.4	22	480.0	70	462	8.4	34	3400	1	1	
11	81.00	234	2244	41.0	23	570.0	60	392	7.2					

09489499 BLACK RIVER ABOVE WILLOW CREEK DIVERSION, NEAR POINT OF PINES, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1954	16.00 1	16.00 1	19.00 1	23.00 2	24.00 1	26.00 1	28.00 1	28.00 1	33.00 6
1955	23.00 6	24.00 5	24.00 5	25.00 5	30.00 9	32.00 7	35.00 7	36.00 4	46.00 1
1956	23.00 7	23.00 4	23.00 4	24.00 4	25.00 3	33.00 8	34.00 5	34.00 3	69.00 5
1957	24.00 8	26.00 9	26.00 8	26.00 6	28.00 7	31.00 6	31.00 3	43.00 6	109.00 8
1958	33.00 13	34.00 14	36.00 14	38.00 13	42.00 13	51.00 14	60.00 13	79.00 13	212.00 11
1959	24.00 9	25.00 6	25.00 6	26.00 7	27.00 5	30.00 4	34.00 6	44.00 7	51.00 2
1960	24.00 10	25.00 7	25.00 7	26.00 8	28.00 6	31.00 5	32.00 4	37.00 5	135.00 9
1961	20.00 3	21.00 3	22.00 3	23.00 3	24.00 2	26.00 2	28.00 2	31.00 2	61.00 4
1962	26.00 11	26.00 8	27.00 9	29.00 9	30.00 8	37.00 11	42.00 11	49.00 9	267.00 13
1963	20.00 4	20.00 2	21.00 2	22.00 1	26.00 4	30.00 3	39.00 8	52.00 11	140.00 10
1964	21.00 5	27.00 10	28.00 10	29.00 10	31.00 10	36.00 9	41.00 9	49.00 10	87.00 7
1965	38.00 15	40.00 15	41.00 15	44.00 15	50.00 15	50.00 12	60.00 14	112.00 15	242.00 12
1966	33.00 14	33.00 13	34.00 12	35.00 12	39.00 12	61.00 15	78.00 15	85.00 14	297.00 15
1967	17.00 2	27.00 11	29.00 11	32.00 11	34.00 11	37.00 10	41.00 10	48.00 8	56.00 3
1968	30.00 12	31.00 12	35.00 13	40.00 14	46.00 14	51.00 13	59.00 12	74.00 12	279.00 14

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1954	2510.0 4	1900.0 6	1150.0 7	798.0 7	562.0 7	332.0 8	237.0 9	188.0 9	148.0 10
1955	974.0 11	759.0 13	587.0 12	450.0 12	368.0 12	225.0 13	163.0 13	130.0 13	107.0 13
1956	449.0 14	421.0 14	414.0 14	372.0 14	306.0 13	244.0 12	197.0 12	163.0 11	123.0 12
1957	1460.0 8	1180.0 8	839.0 8	571.0 9	423.0 9	284.0 10	262.0 8	226.0 8	199.0 7
1958	3650.0 1	3390.0 1	3090.0 1	2570.0 1	1900.0 2	1530.0 1	1120.0 1	880.0 1	596.0 2
1959	1190.0 9	764.0 12	502.0 13	431.0 13	270.0 14	162.0 15	120.0 15	97.0 15	88.0 14
1960	1570.0 7	1490.0 7	1400.0 6	1230.0 6	1150.0 6	778.0 6	577.0 6	493.0 6	365.0 6
1961	427.0 15	410.0 15	357.0 15	304.0 15	263.0 15	185.0 14	140.0 14	116.0 14	88.0 15
1962	2580.0 3	2560.0 3	2530.0 2	2310.0 2	1840.0 3	1160.0 3	983.0 2	802.0 4	585.0 3
1963	954.0 13	790.0 10	720.0 9	576.0 8	437.0 8	349.0 7	308.0 7	250.0 7	181.0 8
1964	960.0 12	787.0 11	692.0 10	560.0 10	422.0 10	276.0 11	205.0 11	163.0 12	172.0 9
1965	2320.0 5	2300.0 4	2110.0 4	1630.0 4	1300.0 5	964.0 5	786.0 5	672.0 5	497.0 5
1966	3360.0 2	2720.0 2	2450.0 3	2090.0 3	1990.0 1	1350.0 2	973.0 3	851.0 2	657.0 1
1967	1050.0 10	841.0 9	655.0 11	528.0 11	403.0 11	315.0 9	232.0 10	183.0 10	141.0 11
1968	2190.0 6	2030.0 5	1840.0 5	1540.0 5	1340.0 4	1080.0 4	959.0 4	803.0 3	565.0 4

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
69.7	73.0	90.3	113	194	442	662	194	51.9	53.8	150	108
2876	1947	13010	13060	37600	152900	421700	36090	678	721	15880	11060
53.6	44.1	114	114	194	391	649	190	26.0	26.9	126	105
2.07	0.91	3.21	1.58	1.44	1.22	0.91	1.42	0.76	2.14	1.03	1.71
0.77	0.60	1.26	1.01	1.00	0.89	0.98	0.98	0.50	0.50	0.84	0.97
3.17	3.31	4.10	5.11	8.82	20.1	30.1	8.82	2.36	2.44	6.83	4.92

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
184	12800	113	0.54	0.61	-0.206

09489700 BIG BONITO CREEK NEAR FORT APACHE, AZ

LOCATION.--Lat 33°40'02", long 109°50'46", in NE¼ sec. 28, T.4 N., R.24 E. (unsurveyed), Apache County, Hydrologic Unit 15060101, in Fort Apache Indian Reservation, near right bank on downstream side of pier of highway bridge, 1.9 mi (3.1 km) upstream from Tonto Creek, 3.7 mi (6.0 km) southeast of Chino Springs, and 12 mi (19 km) southeast of Fort Apache.

DRAINAGE AREA.--119 mi² (308 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	ANNUAL MAX GAGE HT.FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1958	1120	03-22-58	6.15		1958	68200
1959	1200	08-15-59	6.20		1959	20600
1960	356	03-27-60	4.36		1960	45000
1961	83	04-06-61	2.98		1961	12200
1962	710	04-17-62	4.99		1962	57300
1963	557	08-26-63	4.63		1963	28300
1964	885	08-14-64	5.35		1964	28400
1965	973	01-08-65	5.54		1965	65700
1966	1640	12-30-65	6.25		1966	77900
1967	448	08-12-67	4.28		1967	25000
1968	426	04-16-68	4.13		1968	62800
1969	678	04-01-69	4.83		1969	53400
1970	560	09-06-70	4.66		1970	36200
1971	312	09-01-71	3.92		1971	16000
1972	1090	12-26-71	5.74		1972	32400
1973	1870	10-20-72	7.11	8.43	1973	116000
1974	194	08-02-74	3.19		1974	18200
1975	453	04-26-75	4.31		1975	50300

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1958					11	12	13	18	21	27	33	29	41	21	8	14	15	4	3	11	3	8	5	5	10	16	9	2	5	4	3	2	4		
1959		7	3	9	21	16	24	45	35	42	39	28	36	15	9	5	3	5	1	4	3	5	4	3	1										
1960		5	10	10	25	21	26	15	19	14	6	12	13	16	14	24	13	23	18	18	8	4	5	12	6	14	12	3							
1961		13	19	16	39	24	38	54	49	29	16	7	9	16	9	14	7	2	4																
1962		5	11	8	34	14	18	8	20	14	21	23	21	7	11	17	19	19	20	9	4	4	2	3	12	11	7	6	3	4	5	5			
1963		5	7	10	16	17	42	32	21	30	20	13	4	7	7	26	21	25	16	12	13	9	4	5	3										
1964		2	4	9	16	17	63	24	16	25	25	20	18	13	20	11	16	8	9	11	11	4	11	5	4	1	3								
1965						9	4	26	33	23	22	26	16	12	9	11	24	19	26	17	18	12	12	8	10	6	7	8	2	4	1				
1966					6	44	16	16	20	17	20	7	10	12	19	19	24	17	14	12	12	6	17	7	4	8	6	9	9	7	5	1			
1967		2	1	4	18	12	45	28	41	34	17	21	22	20	20	15	9	8	11	11	9	3	5	3	4	2									
1968					1	1	13	36	32	28	12	14	14	13	11	19	14	10	17	9	20	9	18	23	10	22	10	6	4						
1969						5	38	48	37	32	18	9	5	6	31	16	17	7	7	5	12	15	18	4	1	8	5	4	6	5	5	1			
1970						3	19	32	26	42	33	41	35	19	8	8	7	5	6	12	22	16	11	10	3	5									
1971					13	21	16	38	17	54	44	42	25	30	19	14	12	7	2	6	1	2	2												
1972					1	18	12	21	17	41	23	22	27	29	30	21	21	23	13	9	11	7	2	1	5	2	3	1	3						
1973					3	12	7	7	3	5	8	9	15	22	17	26	16	51	14	9	7	12	14	23	18	5	6	7	7	9	7	9	8	8	1
1974					9	13	7	30	75	43	24	30	21	10	10	11	11	14	13	19	12	7	4	1	1										
1975						6	19	27	33	47	23	25	22	18	8	12	9	13	9	3	14	15	7	11	15	9	9	7	4						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6574	100.0	12	26.0	357	3117	47.4	24	190	101	512	7.7
1	4.20	39	6574	100.0	13	31.0	279	2760	42.0	25	220	105	411	6.2
2	5.10	64	6535	99.4	14	37.0	243	2481	37.7	26	260	83	306	4.6
3	6.00	93	6471	98.4	15	43.0	276	2238	34.0	27	310	60	223	3.3
4	7.00	230	6378	97.0	16	51.0	238	1962	29.8	28	370	44	163	2.4
5	8.30	224	6148	93.5	17	60.0	273	1724	26.2	29	430	35	119	1.8
6	9.80	552	5924	90.1	18	71.0	199	1451	22.1	30	510	33	84	1.2
7	12.00	471	5372	81.7	19	83.0	165	1252	19.0	31	600	25	51	.7
8	14.00	514	4901	74.6	20	98.0	176	1087	16.5	32	710	12	26	.3
9	16.00	519	4387	66.7	21	120.0	134	911	13.9	33	830	12	14	.2
10	19.00	396	3868	58.8	22	140.0	123	777	11.8	34	980	2	2	
11	22.00	355	3472	52.8	23	160.0	142	654	9.9					

GILA RIVER BASIN

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09489700 BIG BONITO CREEK NEAR FORT APACHE, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1958	7.80 14	7.90 14	8.30 13	9.60 14	11.00 12	17.00 18	19.00 16	20.00 13	52.00 15
1959	4.40 5	4.50 3	4.60 1	5.30 2	6.10 2	7.80 2	9.50 3	14.00 7	15.00 1
1960	4.90 7	4.90 5	5.20 5	5.90 5	7.00 6	8.70 5	8.90 2	12.00 4	51.00 13
1961	4.30 2	4.40 1	4.60 2	5.20 1	5.80 1	6.40 1	7.90 1	9.00 1	16.00 3
1962	4.40 3	4.60 4	4.90 4	5.80 4	6.60 4	9.00 6	10.00 4	14.00 8	57.00 16
1963	4.40 4	4.50 2	4.80 3	5.40 3	6.60 5	8.10 3	11.00 5	15.00 10	38.00 11
1964	5.00 8	5.10 6	5.40 6	6.00 6	7.40 8	10.00 8	11.00 6	12.00 2	17.00 5
1965	9.90 20	11.00 20	11.00 20	12.00 19	14.00 20	15.00 16	19.00 17	40.00 19	70.00 18
1966	8.70 17	9.10 17	9.60 17	10.00 15	11.00 13	19.00 20	21.00 19	24.00 17	90.00 19
1967	5.00 9	5.50 9	6.30 10	6.80 10	9.20 10	12.00 11	15.00 11	18.00 6	18.00 6
1968	8.10 15	8.80 15	10.00 18	12.00 20	12.00 18	14.00 14	15.00 14	21.00 14	69.00 17
1969	9.10 18	9.20 18	9.50 16	10.00 16	11.00 14	13.00 12	13.00 11	29.00 18	51.00 14
1970	9.60 19	9.70 19	10.00 19	10.00 17	12.00 19	16.00 17	20.00 18	24.00 15	35.00 10
1971	6.00 11	6.10 10	6.20 9	6.60 8	7.10 7	8.30 4	11.00 7	15.00 12	19.00 7
1972	6.90 12	7.00 12	7.50 11	8.10 11	11.00 15	13.00 13	13.00 12	14.00 9	16.00 4
1973	7.20 13	7.40 13	8.90 14	9.20 13	11.00 16	18.00 19	29.00 20	53.00 20	101.00 20
1974	5.10 10	5.30 7	5.50 7	6.00 7	6.50 3	9.50 7	11.00 8	13.00 5	23.00 8
1975	8.70 16	8.80 16	9.50 15	12.00 18	12.00 17	15.00 15	17.00 15	24.00 16	49.00 12

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1958	900.0 3	870.0 2	806.0 2	658.0 2	495.0 2	388.0 2	295.0 2	237.0 2	162.0 3
1959	701.0 5	407.0 9	231.0 11	150.0 15	98.0 15	59.0 16	43.0 16	34.0 16	29.0 16
1960	328.0 12	315.0 11	305.0 10	279.0 9	252.0 9	203.0 9	162.0 9	137.0 9	107.0 9
1961	80.0 18	76.0 18	69.0 18	59.0 18	52.0 18	43.0 17	34.0 17	29.0 17	24.0 18
1962	652.0 6	648.0 4	618.0 3	553.0 3	433.0 4	300.0 4	234.0 4	198.0 4	144.0 5
1963	209.0 15	202.0 15	186.0 14	158.0 13	132.0 12	99.0 14	87.0 12	73.0 12	54.0 13
1964	301.0 13	265.0 13	197.0 13	174.0 12	112.0 14	101.0 13	77.0 14	60.0 14	61.0 12
1965	619.0 7	576.0 5	523.0 6	431.0 6	346.0 6	270.0 5	221.0 5	189.0 6	152.0 4
1966	1030.0 1	702.0 3	585.0 4	503.0 4	492.0 3	358.0 3	270.0 3	228.0 3	193.0 2
1967	253.0 14	236.0 14	178.0 15	152.0 14	125.0 13	104.0 12	79.0 13	62.0 13	51.0 14
1968	412.0 10	394.0 10	364.0 9	305.0 8	283.0 8	238.0 7	219.0 6	194.0 5	143.0 6
1969	605.0 8	559.0 6	534.0 5	469.0 5	377.0 5	261.0 6	200.0 7	169.0 7	124.0 7
1970	386.0 11	290.0 12	221.0 12	184.0 11	160.0 11	143.0 10	122.0 10	98.0 10	74.0 10
1971	126.0 17	113.0 17	98.0 17	73.0 17	63.0 17	42.0 18	31.0 18	25.0 18	27.0 17
1972	724.0 4	545.0 7	372.0 8	251.0 10	163.0 10	114.0 11	101.0 11	88.0 11	73.0 11
1973	984.0 2	880.0 1	841.0 1	782.0 1	704.0 1	554.0 1	433.0 1	361.0 1	264.0 1
1974	141.0 16	130.0 16	110.0 16	94.0 16	81.0 16	68.0 15	55.0 15	47.0 15	36.0 15
1975	421.0 9	409.0 8	375.0 7	334.0 7	287.0 7	231.0 8	200.0 8	164.0 8	115.0 8

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
34.8	28.7	33.3	40.2	50.3	114	203	119	28.9	19.0	42.1	35.3
1938	328	1391	1245	1662	7297	25700	20210	1061	145	1073	776
44.0	18.1	37.3	35.3	40.8	85.4	160	142	32.6	12.1	32.8	27.9
2.22	1.07	2.80	1.08	1.09	1.21	0.42	2.62	2.93	1.24	1.17	1.39
1.26	0.63	1.12	0.88	0.81	0.75	0.79	1.19	1.13	0.64	0.78	0.79
4.65	3.83	4.44	5.37	6.72	15.2	27.1	15.9	3.86	2.53	5.63	4.72

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
62.4	1349	36.7	1.05	0.59	-0.324

LOCATION.--Lat 33°42'46", long 110°12'40", in NW¼ sec.12, T.4 N., R.20 E. (unsurveyed), Gila County, Hydrologic Unit 15060101, on downstream side of first pier from right on highway bridge, 5 mi (8 km) upstream from confluence with White River and 14 mi (23 km) west of Fort Apache.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1958	12900	03-22-58	14.70	1915	884000
1959	8300	08-18-59	11.75	1958	412000
1960	12900	12-26-59	14.68	1959	103000
1961	914	09-14-61	5.00	1960	286000
1962	4920	01-25-62	9.44	1961	60200
1963	5580	02-10-63	9.80	1962	357000
1964	2280	08-15-64	6.96	1963	187000
1965	8180	01-08-65	12.02	1964	131000
1966	24800	12-30-65	20.05	1965	336000
1967	2870	08-11-67	7.65	1966	487000
1968	7010	01-28-68	11.17	1967	99600
1969	3860	01-22-69	8.60	1968	384000
1970	675	04-13-70	4.47	1969	203000
1971	1780	08-19-71	6.44	1970	102000
1972	10500	12-26-71	13.51	1971	58700
1973	28400	10-20-72	21.40	1972	166000
1974	574	03-22-74	3.74	1973	818000
1975	4360	03-09-75	9.1	1974	56500
				1975	287000

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
														NUMBER	OF	DAYS	IN	CLASS																		
1958					5	8	10	17	17	28	45	26	48	34	9	6	10	5	5	9	8	6	6	18	20	9	4	5	5		2					
1959		1	7	11	11	18	16	24	54	48	63	36	24	12	9	5	6	1	3	2	2	4	3	1	1	2	1									
1960		1	3	10	14	35	17	26	16	15	26	18	18	23	16	20	13	13	12	6	7	17	11	17	6	2		1		1	2					
1961			1	6	19	39	27	33	86	57	27	13	8	17	9	10	6	3	3	1																
1962				5	5	10	21	42	21	22	27	11	22	13	13	14	19	14	9	23	21	13	7	14	11	5	13									
1963					6	10	16	19	32	55	44	19	17	16	6	14	18	20	16	27	16	6	4	1		2	1									
1964						10	20	18	47	63	24	25	39	31	15	14	9	14	10	8	10	7	2													
1965							2	18	55	57	28	22	13	11	10	9	23	20	10	14	26	8	23	8	4	3				1						
1966				3	4	22	20	36	19	12	16	20	26	16	35	8	10	21	15	13	8	10	9	11	7	8	11	1								
1967		2	12	4	12	30	61	67	34	30	20	23	14	3	8	8	12	8	3	2	2	2														
1968					4	5	18	50	28	24	17	21	30	13	13	10	16	10	6	12	16	21	29	9	7	4	1	1	1							
1969					9	42	48	27	28	20	8	14	22	26	23	14	17	10	5	10	11	2	11	7	2											
1970					2	17	39	24	31	49	78	17	13	8	6	17	29	15	16	4																
1971				9	22	23	29	62	36	68	45	26	12	7	8	6	5	4	1	2																
1972					18	48	53	28	16	16	19	23	28	38	22	17	5	5	4	10	4	2	4	1	1											
1973					1	20	7	2	4	11	18	9	23	21	24	15	22	23	12	10	7	13	15	27	10	20	9	22	12	5	1		1			
1974		17	10	11	6	37	26	57	72	24	25	16	20	10	15	9	6	1	3																	
1975					21	12	17																													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6574	100.0	12	120.0	385	2844	43.3	24	1700	95	287	4.3
1	11.00	19	6574	100.0	13	150.0	346	2459	37.4	25	2100	66	192	2.9
2	14.00	23	6555	99.7	14	190.0	250	2113	32.1	26	2600	44	126	1.9
3	17.00	64	6532	99.4	15	230.0	257	1863	28.3	27	3200	43	82	1.2
4	21.00	107	6468	98.4	16	290.0	218	1606	24.4	28	4000	20	39	.5
5	26.00	295	6361	96.8	17	360.0	201	1388	21.1	29	5000	8	19	.2
6	33.00	387	6066	92.3	18	450.0	175	1187	18.1	30	6200	5	11	.1
7	41.00	543	5679	86.4	19	560.0	145	1012	15.4	31	7700	1	6	
8	51.00	683	5136	78.1	20	700.0	157	867	13.2	32	9600	2	5	
9	63.00	648	4453	67.7	21	870.0	144	710	10.8	33	12000	2	3	
10	78.00	608	3805	57.9	22	1100.0	103	566	8.6	34	15000	1	1	
11	98.00	353	3197	48.6	23	1300.0	176	463	7.0					

GILA RIVER BASIN

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09490500 BLACK RIVER NEAR FORT APACHE, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1915	70.00 20	73.00 20	76.00 20	84.00 20	116.00 20	256.00 20	481.00 20	447.00 20	1140.00 20
1958	23.00 12	24.00 13	27.00 11	32.00 15	38.00 15	67.00 17	78.00 15	114.00 16	499.00 18
1959	13.00 2	14.00 2	16.00 2	18.00 2	19.00 2	27.00 3	34.00 3	50.00 7	60.00 3
1960	13.00 3	16.00 3	18.00 4	22.00 4	27.00 5	34.00 6	36.00 4	42.00 2	187.00 10
1961	16.00 5	20.00 7	24.00 9	26.00 8	28.00 6	30.00 4	33.00 1	47.00 5	78.00 6
1962	17.00 6	19.00 6	20.00 6	27.00 10	31.00 8	40.00 8	47.00 10	59.00 9	488.00 17
1963	22.00 10	23.00 10	24.00 10	26.00 9	32.00 11	40.00 9	56.00 12	83.00 12	239.00 12
1964	26.00 15	27.00 15	28.00 12	31.00 12	35.00 13	51.00 13	61.00 13	70.00 10	107.00 7
1965	46.00 19	48.00 19	53.00 19	58.00 19	73.00 19	75.00 19	89.00 16	136.00 18	461.00 15
1966	24.00 13	24.00 11	29.00 16	32.00 16	45.00 17	67.00 18	95.00 17	105.00 15	378.00 14
1967	14.00 4	16.00 4	17.00 3	22.00 5	24.00 4	33.00 5	43.00 8	57.00 8	67.00 4
1968	26.00 16	28.00 17	32.00 18	41.00 18	49.00 18	62.00 16	99.00 19	131.00 17	476.00 16
1969	21.00 8	21.00 8	23.00 8	25.00 7	31.00 9	44.00 12	47.00 9	99.00 14	227.00 11
1970	23.00 11	24.00 12	28.00 13	31.00 13	33.00 12	42.00 11	51.00 11	72.00 11	119.00 8
1971	18.00 7	18.00 5	19.00 5	21.00 3	22.00 3	26.00 2	33.00 2	42.00 3	58.00 2
1972	26.00 17	27.00 16	29.00 17	34.00 17	38.00 16	40.00 10	42.00 7	42.00 4	53.00 1
1973	25.00 14	26.00 14	28.00 14	29.00 11	36.00 14	59.00 14	95.00 18	168.00 19	1080.00 19
1974	11.00 1	12.00 1	12.00 1	12.00 1	14.00 1	22.00 1	37.00 5	49.00 6	78.00 5
1975	28.00 18	29.00 18	29.00 15	32.00 14	32.00 10	59.00 15	66.00 14	96.00 13	345.00 13

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1958	6580.0 4	5530.0 3	3970.0 3	3270.0 3	2510.0 3	2340.0 2	1890.0 2	1490.0 3	1010.0 3
1959	2990.0 11	2530.0 10	1490.0 12	1180.0 11	689.0 12	393.0 14	277.0 14	213.0 15	165.0 15
1960	7650.0 3	4840.0 4	2440.0 7	1590.0 9	1460.0 8	1030.0 8	956.0 8	956.0 8	715.0 7
1961	575.0 17	529.0 16	467.0 16	362.0 16	303.0 16	221.0 16	173.0 16	145.0 16	115.0 16
1962	3130.0 8	3090.0 8	3030.0 4	2810.0 4	2260.0 4	1500.0 5	1360.0 5	1220.0 5	914.0 5
1963	3090.0 9	2570.0 9	1620.0 11	1130.0 12	832.0 11	687.0 10	572.0 11	461.0 11	332.0 11
1964	1130.0 14	1030.0 14	885.0 14	720.0 14	534.0 14	368.0 15	272.0 15	215.0 14	254.0 12
1965	5770.0 5	3220.0 7	2510.0 6	2010.0 5	1700.0 5	1390.0 7	1210.0 6	1100.0 6	808.0 6
1966	14800.0 2	9840.0 2	5170.0 2	4320.0 2	2850.0 2	1820.0 3	1400.0 4	1580.0 2	1250.0 2
1967	1530.0 13	1360.0 13	1040.0 13	872.0 13	653.0 13	499.0 12	360.0 12	277.0 13	207.0 14
1968	5000.0 6	4000.0 5	2640.0 5	1940.0 6	1700.0 6	1500.0 4	1500.0 3	1330.0 4	956.0 4
1969	2260.0 12	2050.0 12	1950.0 10	1750.0 8	1390.0 9	961.0 9	726.0 9	662.0 9	483.0 9
1970	610.0 16	587.0 15	556.0 15	522.0 15	469.0 15	403.0 13	342.0 13	278.0 12	209.0 13
1971	650.0 15	498.0 17	393.0 18	351.0 17	286.0 17	191.0 18	140.0 18	110.0 18	96.0 18
1972	4170.0 7	3310.0 6	2100.0 9	1470.0 10	927.0 10	617.0 11	605.0 10	525.0 10	403.0 10
1973	16600.0 1	11100.0 1	5900.0 1	4570.0 1	4040.0 1	3380.0 1	2880.0 1	2440.0 1	1790.0 1
1974	526.0 18	493.0 18	396.0 17	340.0 18	275.0 18	203.0 17	161.0 17	137.0 17	108.0 17
1975	3000.0 10	2500.0 11	2180.0 8	1880.0 7	1650.0 7	1470.0 6	1210.0 7	985.0 7	678.0 8

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
235	148	298	309	413	764	1042	459	86.4	63.5	193	158
191500	15710	293900	95990	176800	507800	934900	515200	9657	1486	36650	18510
438	125	542	310	420	713	967	718	98.3	38.6	191	136
3.13	1.68	3.51	0.78	0.96	0.83	0.84	3.27	3.21	1.66	1.65	1.58
1.86	0.85	1.82	1.00	1.02	0.93	0.93	1.56	1.14	0.61	0.99	0.86
5.64	3.54	7.15	7.42	9.91	18.3	25.0	11.0	2.07	1.52	4.62	3.79

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
348	72690	270	1.49	0.78	-0.349

GILA RIVER BASIN

09490800 NORTH FORK WHITE RIVER NEAR GREER, AZ

LOCATION.--Lat 34°00'55", long 109°38'37", in SW¼ sec.7, T.7 N., R.26 E. (unsurveyed), Apache County, Hydrologic Unit 15060102, in Fort Apache Indian Reservation, on right bank 300 ft (91 m) upstream from Bear Cienega Creek and 11 mi (18 km) west of Greer.

DRAINAGE AREA.--39 mi² (101 km²), approximately.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1966	299	04-02-66	3.72	1966	25900
1967	194	03-09-67	2.93	1967	12900
1968	183	04-15-68	2.90	1968	21000
1969	177	04-06-69	2.81	1969	18700
1970	242	04-10-70	3.29	1970	15500
1971	150	09-30-71	2.78	1971	9680
1972	162	10-01-71	2.78	1972	14500
1973	510	04-28-73	4.15	1973	40900
1974	81	03-30-74	2.17	1974	10000
1975	157	05-15-75	3.11	1975	17200

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1966								9	32	80	32	27	17	14	25	15	10	7	6	6	7	6	29	19	10	7	1	1	1	2	1	1				
1967					82	5	59	40	40	30	39	9	7	8	7	5	5	4	6	7	2	5	2	1	2											
1968					96	11	13	28	31	27	19	7	9	8	4	15	12	8	6	11	13	17	17	8	3	1	2									
1969					4126	8	14	16	11	8	17	16	14	24	16	7	9	11	18	6	10	18	3	2	6	1										
1970					2	74	1	51	25	34	35	31	12	9	9	13	7	16	8	10	7	7	10	1	1	1	1									
1971		5	3	10	54	68	6	51	18	25	34	41	16	5	12	9	3	2		1			1	1												
1972		2	7		16	19	2	99	13	15	28	42	37	56	29	5	6	7	7	5	4	1	3	1												
1973					4	21	7	62	34	15	16	10	12	21	15	10	15	9	12	6	10	6	8	6	5	3	1	3	2	12	13	18	6	2	1	
1974					32118	9	57	25	17	10	12	12	23	22	18	7		2	1																	
1975		93	1	5	9	3	14	23	26	26	34	17	11	14	11	7	10	4	2	11	15	14	11	3	1											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3652	100.0	12	20.0	155	1294	35.4	24	91	30	125	3.4
1	4.70	7	3652	100.0	13	20.0	169	1139	31.2	25	100	24	95	2.6
2	5.50	103	3645	99.8	14	25.0	166	970	26.6	26	120	6	71	1.9
3	6.20	11	3542	97.0	15	29.0	108	804	22.0	27	130	6	65	1.7
4	7.00	117	3531	96.7	16	33.0	82	696	19.1	28	150	3	59	1.6
5	8.00	613	3414	93.5	17	37.0	77	614	16.8	29	170	14	56	1.5
6	9.10	52	2801	76.7	18	42.0	62	537	14.7	30	200	14	42	1.1
7	10.00	389	2749	75.3	19	48.0	61	475	13.0	31	220	19	28	.7
8	12.00	254	2360	64.6	20	54.0	63	414	11.3	32	250	6	9	.2
9	13.00	294	2106	57.7	21	62.0	60	351	9.6	33	290	2	3	
10	15.00	246	1812	49.6	22	70.0	105	291	8.0	34	330	1	1	
11	17.00	272	1566	42.9	23	80.0	61	186	5.1					

GILA RIVER BASIN

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09490800 NORTH FORK WHITE RIVER NEAR GREER, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1966	11.00 11	11.00 11	11.00 11	12.00 11	12.00 11	13.00 11	15.00 11	18.00 11	24.00 11
1967	8.00 9	8.00 9	8.00 9	8.00 8	8.10 8	8.70 7	9.10 8	9.60 8	11.00 6
1968	8.50 10	8.50 10	8.50 10	8.60 10	8.80 10	8.90 8	8.90 7	9.10 6	12.00 7
1969	7.70 8	7.80 7	7.90 7	7.90 6	8.00 6	8.20 5	8.30 5	8.30 4	10.00 1
1970	7.60 6	7.90 8	7.90 8	8.00 9	8.00 7	8.30 6	8.70 6	9.30 7	11.00 2
1971	4.80 1	5.00 1	5.30 1	6.10 2	6.90 2	7.30 2	7.60 2	8.20 2	12.00 8
1972	5.00 2	5.30 2	6.10 3	6.20 3	7.80 4	10.00 10	11.00 10	11.00 9	14.00 9
1973	7.60 7	7.60 6	7.80 6	7.90 7	8.40 9	9.20 9	9.90 9	11.00 10	19.00 10
1974	7.00 5	7.00 5	7.00 4	7.00 4	8.00 5	8.10 4	8.20 4	8.20 3	11.00 3
1975	6.00 3	6.00 3	6.00 2	6.00 1	6.00 1	6.00 1	6.00 1	7.10 1	11.00 4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1966	228.0 2	213.0 2	178.0 2	138.0 2	106.0 2	96.0 2	85.0 2	69.0 2	54.0 2
1967	115.0 7	101.0 5	83.0 6	65.0 7	57.0 7	46.0 7	35.0 7	29.0 8	25.0 8
1968	142.0 3	133.0 3	110.0 3	92.0 4	83.0 3	82.0 3	71.0 3	60.0 3	47.0 3
1969	128.0 5	119.0 4	109.0 4	97.0 3	80.0 4	70.0 4	59.0 4	50.0 4	42.0 4
1970	120.0 6	92.0 8	72.0 8	69.0 6	59.0 6	53.0 6	43.0 6	36.0 6	32.0 6
1971	88.0 9	51.0 9	40.0 9	29.0 10	22.0 10	20.0 10	17.0 10	15.0 10	15.0 10
1972	129.0 4	97.0 6	77.0 7	60.0 8	52.0 8	39.0 8	34.0 8	31.0 7	26.0 7
1973	336.0 1	304.0 1	286.0 1	258.0 1	241.0 1	211.0 1	163.0 1	132.0 1	92.0 1
1974	50.0 10	46.0 10	36.0 10	32.0 9	28.0 9	28.0 9	26.0 9	22.0 9	19.0 9
1975	100.0 8	96.0 7	86.0 5	81.0 5	76.0 5	69.0 5	58.0 5	49.0 5	37.0 5

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
21.6	15.0	11.7	9.94	9.23	20.1	51.0	65.3	42.3	21.3	24.1	20.7
277	58.9	35.0	13.4	4.66	152	940	4184	1887	170	130	106
16.7	7.67	5.92	3.65	2.16	12.3	30.7	64.7	43.4	13.0	11.4	10.3
1.60	0.91	1.56	1.72	0.42	2.64	0.32	2.23	2.05	1.20	0.97	1.02
0.77	0.51	0.50	0.37	0.23	0.61	0.60	0.99	1.03	0.61	0.47	0.50
6.91	4.80	3.76	3.18	2.96	6.44	16.3	20.9	13.5	6.83	7.73	6.63

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
25.7	163	12.8	1.72	0.50	-0.354

09491000 NORTH FORK WHITE RIVER NEAR McNARY, AZ

LOCATION.--Lat 34°02'47", long 109°44'02", in E½ sec.31, T.8 N., R.25 E. (unsurveyed), Apache County, Hydrologic Unit 15060102, in Fort Apache Indian Reservation, on left bank 1.9 mi (3.1 km) downstream from Paradise Creek and 7 mi (11 km) southeast of McNary.

DRAINAGE AREA.--66 mi² (171 km²), approximately.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1946	1290	09-19-46	HP	5.36	1946	26000
1948	1120	04-16-48		5.02	1951	11600
1949	656	04-15-49		3.70	1952	54700
1950	188	03- -50		2.23	1953	19500
1951	167	08-28-51		2.13	1954	19300
1952	748	04-06-52		4.10	1958	46400
1953	152	03-29-53		2.03	1959	15400
1954	304	03-23-54		2.72	1960	33600
1955	145	- -		2.12	1961	13400
1956	170	- -		2.24	1962	43400
1957	729	08-24-57		3.99	1963	23800
1958	1230	04-22-58		4.94	1964	23000
1959	148	10-05-56		2.18	1965	51100
1960	390	03-26-60		2.99	1966	46800
1961	248	04-05-61		2.74	1967	22800
1962	680	04-16-62		4.80	1968	38900
1963	385	09-10-63		3.53	1969	36500
1964	444	04-12-64		3.26	1970	27800
1965	791	04-23-65		4.38	1972	26800
1966	512	04-03-66		3.69	1973	78000
1967	271	08-11-67		3.08	1974	17900
1968	351	04-15-68		3.23	1975	37600
1969	393	04-06-69		3.22		
1970	310	04-10-70		2.93		
1971	257	09-30-71		2.80		
1972	352	10-24-71		3.08		
1973	1000	04-28-73	ES	4.9		
1974	140	03-30-74		2.14		
1975	350	05-15-75		3.67		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1946					9	15	100	62	22	11	11	11	18	13	24	32	14	9	2	1	4	1	2			1				1	1				1
1951	35	19	71	42	37	28	18	10	17	14	26	19	8	11	6	2																			
1952				1	16	46	14	37	17	31	25	19	10	15	19	7	3	5	5	4	1	5	4	18	13	17	16	10	3	4			1		
1953					26	29	9	22	96	44	10	11	27	27	11	16	13	6	10	5	2														
1954	23	33	23	35	49	7	41	39	2	3	27	9	4	5	6	9	6	25	9	2	3	1	2	2											
1958							28	30	41	90	29	13	10	15	5	8	22	10	3	3	1	3	2	7	9	15	7	3	2	3	2	2		2	
1959	2	13	7	11	23	9	40	103	45	38	29	9	10	5	5	6	5	3	1																
1960			9	7	36	25	38	53	29	46	8	4	3	2	4	7	6	10	13	14	19	15	6	6	2	4									
1961			5	25	24	86	53	22	32	40	10	11	19	14	4	8	9			1	1	1													
1962					3	29	45	46	40	31	31	11	9	5	6	12	17	3	4	6	10	10	7	4	7	7	5	7	1	5	3	1			
1963					10	26	33	40	53	28	28	17	18	8	11	25	19	21	14	2	4	2	1	4											
1964			7	2	2	24	39	57	45	41	24	11	11	17	11	19	18	13	4	5	3	5	1	2	3	1	1								
1965								27	21	39	23	27	31	26	15	16	17	12	14	7	5	18	30	13	5	3	6	4	1	1	1	3			
1966						5	38	24	36	27	24	41	35	19	12	6	6	6	5	11	20	32	6	6	3		2	1							
1967					6	48	42	67	71	39	22	11	8	9	8	8	6	3	3	7	2	4													
1968					55	65	27	14	27	14	16	21	15	7	9	5	4	7	6	8	22	35	4	2	3										
1969					34	85	22	22	20	11	18	22	10	18	13	8	3	12	13	17	8	18	4	5	2										
1970					51	17	41	54	40	26	19	18	12	10	7	11	17	12	7	5	15	2	1												
1972				3	10	20	16	33	20	45	13	55	29	42	20	27	8	7	4	6	2	2	1	1		1	1								
1973				1	2	27	13	66	46	8	25	17	17	13	9	9	10	8	5	8	6	10	6	1	3	4	3	22	17	5	2		2		
1974				3	35	26	90	70	31	14	9	6	4	10	28	30	6	1	2																
1975					57	17	28	31	35	27	17	21	16	11	15	11	5	5	6	6	4	8	15	14	9	5	2								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8035	100.0	12	30.0	393	2942	36.6	24	180	81	331	4.1
1	5.60	60	8035	100.0	13	34.0	349	2549	31.7	25	210	71	250	3.1
2	6.60	77	7975	99.3	14	40.0	278	2200	27.4	26	240	56	179	2.2
3	7.70	138	7898	98.3	15	46.0	295	1922	23.9	27	280	31	123	1.5
4	8.90	183	7760	96.6	16	54.0	300	1627	20.2	28	330	13	92	1.1
5	10.00	498	7577	94.3	17	63.0	167	1327	16.5	29	380	37	79	.9
6	12.00	514	7079	88.1	18	73.0	161	1160	14.4	30	440	23	42	.5
7	14.00	899	6565	81.7	19	85.0	117	999	12.4	31	510	12	19	.2
8	16.00	929	5666	70.5	20	98.0	95	882	11.0	32	590	2	7	
9	19.00	792	4737	59.0	21	110.0	134	787	9.8	33	690	2	5	
10	22.00	618	3945	49.1	22	130.0	147	653	8.1	34	800	3	3	
11	26.00	385	3327	41.4	23	150.0	175	506	6.3					

HP Isolated historic peak; not part of systematic record.
ES Discharge estimated from another site.

09491000 NORTH FORK WHITE RIVER NEAR McNARY, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1946	10.00 16	10.00 16	11.00 16	12.00 16	13.00 17	15.00 19	15.00 15	16.00 11	20.00 10
1951	5.70 1	5.90 1	6.00 1	6.00 1	6.00 1	7.00 2	7.40 1	7.70 1	10.00 1
1952	8.70 7	9.00 10	9.00 8	9.20 8	10.00 7	12.00 6	12.00 6	30.00 23	27.00 19
1953	8.90 8	8.90 7	8.90 7	8.90 7	9.50 5	13.00 13	15.00 16	16.00 12	22.00 16
1954	6.00 2	6.00 2	6.00 2	6.00 2	6.30 2	6.90 1	7.90 2	8.30 2	13.00 2
1958	12.00 18	12.00 18	12.00 17	12.00 17	13.00 18	14.00 18	16.00 17	17.00 15	21.00 14
1959	6.50 3	6.60 3	6.90 3	7.50 3	8.10 3	9.60 3	12.00 7	16.00 13	17.00 6
1960	8.20 6	8.20 6	8.20 6	8.80 6	9.80 6	12.00 7	13.00 8	18.00 19	36.00 23
1961	7.60 5	7.60 5	7.80 5	8.10 4	8.90 4	10.00 4	11.00 3	11.00 3	13.00 3
1962	9.40 13	9.50 12	10.00 14	11.00 12	12.00 12	13.00 14	14.00 11	14.00 6	20.00 11
1963	9.00 10	9.00 8	9.70 9	10.00 9	11.00 8	13.00 15	16.00 18	17.00 16	25.00 18
1964	7.00 4	7.00 4	7.00 4	8.10 5	11.00 9	12.00 8	12.00 4	13.00 4	16.00 4
1965	15.00 23	15.00 23	15.00 23	15.00 23	16.00 23	18.00 23	19.00 23	24.00 22	29.00 21
1966	15.00 24	15.00 24	16.00 24	16.00 24	16.00 24	26.00 24	35.00 24	38.00 24	48.00 24
1967	12.00 19	12.00 19	13.00 21	14.00 21	15.00 21	17.00 20	18.00 21	19.00 20	21.00 12
1968	12.00 20	12.00 20	12.00 18	12.00 18	12.00 13	13.00 9	13.00 9	14.00 7	21.00 13
1969	12.00 21	12.00 21	12.00 19	12.00 19	13.00 19	13.00 10	14.00 12	14.00 8	19.00 7
1970	12.00 22	12.00 22	12.00 20	12.00 20	12.00 14	13.00 11	14.00 13	16.00 14	19.00 8
1972	9.30 11	9.40 11	10.00 10	10.00 10	13.00 20	17.00 21	17.00 19	18.00 17	24.00 17
1973	9.70 14	9.90 14	15.00 22	15.00 22	16.00 22	18.00 22	19.00 22	21.00 21	35.00 22
1974	9.30 12	9.60 13	10.00 11	11.00 13	12.00 15	14.00 16	15.00 14	15.00 10	20.00 9
1975	10.00 15	10.00 15	10.00 12	11.00 14	11.00 10	11.00 5	12.00 5	14.00 9	22.00 15

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1946	805.0 1	530.0 3	324.0 6	194.0 10	125.0 11	84.0 13	61.0 14	50.0 16	52.0 12
1951	126.0 20	89.0 20	58.0 22	44.0 22	40.0 22	35.0 21	31.0 21	26.0 21	23.0 21
1952	549.0 4	460.0 6	357.0 5	338.0 5	303.0 3	254.0 3	222.0 2	175.0 2	130.0 2
1953	133.0 19	105.0 19	98.0 18	84.0 18	63.0 18	55.0 19	55.0 18	48.0 17	39.0 18
1954	199.0 16	175.0 16	146.0 14	117.0 15	96.0 14	85.0 12	68.0 12	55.0 13	44.0 16
1958	753.0 3	692.0 2	571.0 1	439.0 2	340.0 2	256.0 2	192.0 3	152.0 3	108.0 4
1959	115.0 21	88.0 21	72.0 21	61.0 21	45.0 21	32.0 22	26.0 22	23.0 22	22.0 22
1960	273.0 11	271.0 9	244.0 9	203.0 8	165.0 9	141.0 10	128.0 9	107.0 9	78.0 10
1961	137.0 18	118.0 18	83.0 19	66.0 19	54.0 20	43.0 20	35.0 20	30.0 20	25.0 20
1962	525.0 6	504.0 5	466.0 3	387.0 3	301.0 4	232.0 4	180.0 4	145.0 5	105.0 5
1963	230.0 14	188.0 14	143.0 17	105.0 17	85.0 17	72.0 17	58.0 16	51.0 14	45.0 15
1964	264.0 12	219.0 12	171.0 12	126.0 13	89.0 16	74.0 16	58.0 17	47.0 18	47.0 14
1965	545.0 5	529.0 4	446.0 4	352.0 4	264.0 5	206.0 5	173.0 5	147.0 4	115.0 3
1966	384.0 7	352.0 7	296.0 7	250.0 6	204.0 7	174.0 7	154.0 6	125.0 6	95.0 6
1967	213.0 15	179.0 15	145.0 15	113.0 16	93.0 15	80.0 14	60.0 15	50.0 15	42.0 17
1968	276.0 10	257.0 10	227.0 10	182.0 11	166.0 8	160.0 8	145.0 7	119.0 7	91.0 7
1969	264.0 13	249.0 11	227.0 11	202.0 9	162.0 10	147.0 9	125.0 10	102.0 10	84.0 9
1970	189.0 17	150.0 17	144.0 16	138.0 12	115.0 12	102.0 11	82.0 11	68.0 11	58.0 11
1972	298.0 9	214.0 13	161.0 13	122.0 14	98.0 13	75.0 15	63.0 13	56.0 12	50.0 13
1973	800.0 2	746.0 1	561.0 2	506.0 1	491.0 1	423.0 1	325.0 1	261.0 1	180.0 1
1974	91.0 22	86.0 22	72.0 20	64.0 20	59.0 19	57.0 18	51.0 19	43.0 19	35.0 19
1975	300.0 8	287.0 8	261.0 8	225.0 7	218.0 6	180.0 6	144.0 8	118.0 8	86.0 8

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
25.5	20.6	18.8	18.9	18.8	41.3	117	114	59.9	25.2	34.1	31.6
485	112	98.5	213	51.1	633	6509	9120	3951	280	398	646
22.0	10.6	9.93	14.6	7.15	25.2	80.7	95.5	62.9	16.7	19.9	25.4
2.59	1.51	2.34	3.08	0.80	2.06	0.70	1.82	2.25	2.19	1.75	2.16
0.86	0.51	0.53	0.77	0.38	0.61	0.69	0.84	1.05	0.66	0.58	0.80
4.84	3.93	3.58	3.59	3.58	7.85	22.3	21.6	11.4	4.80	6.49	6.02

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
43.8	502	22.4	1.12	0.51	-0.376

GILA RIVER BASIN

09492400 EAST FORK WHITE RIVER NEAR FORT APACHE, AZ

LOCATION.--Lat 33°49'20", long 109°48'50", in SE¼ sec.16, T.5 N., R.24 E. (unsurveyed), Apache County, Hydrologic Unit 15060102, in Fort Apache Indian Reservation, on left bank 600 ft (180 m) downstream from highway bridge, 0.1 mi (0.2 km) upstream from Rock Creek and 10 mi (16 km) east of Fort Apache.

DRAINAGE AREA.--38.8 mi² (100.5 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1958	411	04-22-58		3.23	1958	31300
1959	330	10-06-58		2.85	1959	15000
1960	207	05-13-60		2.63	1960	25100
1961	663	08-17-61		5.7	1961	10700
1962	300	05-12-62	ES		1962	28100
1963	116	08-30-63		2.06	1963	18400
1964	83	08-09-64		1.86	1964	13300
1965	204	05-02-65		2.36	1965	30400
1966	256	11-25-65		2.62	1966	29200
1967	420	08-03-67		3.63	1967	17300
1968	264	08-05-68		2.85	1968	31000
1969	176	05-21-69		2.36	1969	29300
1970	286	09-06-70		2.96	1970	21100
1971	176	09-01-71		2.40	1971	12100
1972	216	10-01-71		2.61	1972	19800
1973	438	10-20-72		3.59	1973	49900
1974	89	05-15-74		1.80	1974	11900
1975	232	05-16-75		2.62	1975	27900

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1958					4	11	39	14	41	39	44	15	19	14	12	8	8	4	7	7	13	5	4	4	2	2	7	2	14	18	6		1	1	
1959	6	13	10	11	31	61	19	56	27	27	18	11	17	9	3	5	6	7	4	1	4	3	1	2	3	6		1	2				1		
1960		1	8	20	31	31	8	17	36	37	20	16	26	5	2	6	2	5	8	8	9	12	23	9	11	10	1	2	2						
1961				4	50	32	44	42	56	35	24	9	9	5	13	15	5	6	9	4		1													
1962				20	11	20	15	65	34	19	16	18	27	9	13	5	4	5	10	4	2	1	7	6	8	7	10	8	2	9	2	9	1	1	
1963				6	15	49	16	51	31	14	15	22	19	20	15	11	7	13	20	10	9	12	9	1											
1964				4	31	56	43	14	37	29	16	21	15	11	15	14	15	12	10	11	10	2													
1965				1	15	35	6	31	17	7	19	29	25	15	25	20	12	12	7	8	10	8	9	11	18	7	5	8	5						
1966					1	23	21	2	14	14	8	29	49	31	27	15	18	7	7	5	2	14	15	11	10	32	5		4	1					
1967					22	44	23	67	20	13	12	20	26	23	28	9	10	5	13	5	6	8	4	1	3	2	1								
1968					10	24	9	33	28	10	18	25	22	14	13	14	18	18	11	7	16	12	12	3	22	18	6	3							
1969						4	30	43	45	19	31	35	16	11	9	6	14	9	8	3	4	7	9	5	29	11	6	11							
1970						10	23	67	34	31	25	39	16	16	21	8	14	12	13	4	4	2	2	1	8	2	11			1			1		
1971																																			
1972																																			
1973																																			
1974																																			
1975																																			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6574	100.0	12	19.0	441	3072	46.7	24	92	66	549	8.3
1	4.50	13	6574	100.0	13	22.0	360	2631	40.0	25	100	174	483	7.3
2	5.20	19	6561	99.8	14	25.0	267	2271	34.5	26	120	94	309	4.7
3	6.00	53	6542	99.5	15	28.0	264	2004	30.5	27	140	44	215	3.2
4	6.80	186	6489	98.7	16	32.0	214	1740	26.5	28	150	61	171	2.6
5	7.70	375	6303	95.9	17	37.0	196	1526	23.2	29	180	42	110	1.6
6	8.80	588	5928	90.2	18	42.0	182	1330	20.2	30	200	25	68	1.0
7	10.00	299	5340	81.2	19	48.0	165	1148	17.5	31	230	24	43	.6
8	11.00	740	5041	76.7	20	55.0	106	983	15.0	32	260	11	19	.2
9	13.00	524	4301	65.4	21	62.0	118	877	13.3	33	300	7	8	.1
10	15.00	362	3777	57.5	22	71.0	105	759	11.5	34	340	1		
11	17.00	343	3415	51.9	23	81.0	105	654	9.9					

ES Discharge estimated from another site.

GILA RIVER BASIN

293

09492400 EAST FORK WHITE RIVER NEAR FORT APACHE, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1958	7.00 13	7.30 13	8.10 13	8.40 12	8.80 13	9.70 12	11.00 14	13.00 13	18.00 14
1959	4.60 2	4.80 2	4.90 1	5.30 1	6.00 1	7.10 1	10.00 8	10.00 6	11.00 1
1960	5.70 7	5.90 6	6.00 4	6.50 4	7.80 6	9.40 8	9.70 6	16.00 18	24.00 18
1961	6.50 10	6.60 9	6.80 7	7.00 5	7.60 5	8.20 4	9.00 5	9.80 5	11.00 2
1962	7.00 14	7.00 10	7.10 9	7.30 7	8.70 11	9.90 13	11.00 15	11.00 7	17.00 11
1963	6.80 11	7.00 11	7.60 11	8.70 14	8.90 14	10.00 14	11.00 16	12.00 10	18.00 12
1964	6.00 8	6.00 7	6.40 6	7.10 6	7.40 4	7.70 2	8.20 1	8.70 2	11.00 3
1965	6.20 9	8.60 17	8.60 16	8.70 15	9.40 15	9.50 9	10.00 9	14.00 14	18.00 13
1966	7.30 15	7.80 14	8.10 14	8.20 11	8.40 9	19.00 20	19.00 19	22.00 19	33.00 19
1967	8.00 17	8.00 15	8.00 12	8.00 10	8.50 10	9.50 10	10.00 10	11.00 8	12.00 7
1968	7.90 16	8.60 16	8.80 17	9.10 16	9.70 16	10.00 15	11.00 11	13.00 11	22.00 17
1969	9.20 18	9.70 20	9.90 19	10.00 18	11.00 17	11.00 16	11.00 12	14.00 15	19.00 15
1970	9.30 19	9.40 18	9.80 18	10.00 19	11.00 18	11.00 17	13.00 17	14.00 16	15.00 9
1971	5.00 4	5.00 3	5.00 2	5.90 2	7.30 3	8.20 5	8.80 4	9.20 4	12.00 8
1972	5.40 5	5.70 4	7.50 10	9.80 17	11.00 19	12.00 18	13.00 18	14.00 17	17.00 10
1973	9.50 20	9.60 19	11.00 20	11.00 20	12.00 20	17.00 19	20.00 20	22.00 20	34.00 20
1974	5.70 6	5.90 5	6.00 5	6.40 3	7.10 2	7.90 3	8.20 2	8.50 1	11.00 4
1975	7.00 12	7.30 12	8.20 15	8.50 13	8.80 12	9.00 7	9.80 7	13.00 12	21.00 16

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1958	315.0 2	267.0 2	225.0 2	190.0 2	186.0 2	158.0 2	124.0 2	98.0 2	72.0 2
1959	292.0 3	198.0 5	141.0 10	114.0 11	80.0 11	50.0 14	36.0 14	29.0 15	24.0 16
1960	194.0 8	183.0 8	159.0 7	128.0 9	104.0 9	100.0 8	92.0 8	77.0 8	57.0 9
1961	62.0 18	58.0 18	53.0 18	47.0 18	41.0 18	33.0 17	27.0 17	23.0 17	19.0 18
1962	260.0 4	240.0 3	216.0 3	184.0 3	174.0 3	137.0 3	109.0 3	88.0 3	65.0 5
1963	96.0 15	91.0 14	84.0 14	75.0 14	65.0 14	61.0 12	49.0 13	43.0 12	35.0 13
1964	69.0 16	64.0 17	57.0 17	54.0 15	45.0 15	39.0 16	31.0 16	26.0 16	25.0 14
1965	194.0 9	190.0 7	170.0 5	147.0 6	137.0 5	124.0 4	102.0 4	86.0 4	68.0 4
1966	180.0 10	150.0 12	131.0 11	118.0 10	102.0 10	99.0 9	92.0 9	75.0 9	60.0 8
1967	142.0 13	132.0 13	103.0 13	86.0 12	69.0 13	63.0 11	50.0 11	41.0 13	36.0 12
1968	172.0 11	163.0 10	148.0 8	141.0 7	130.0 6	115.0 7	100.0 6	86.0 5	70.0 3
1969	166.0 12	165.0 9	162.0 6	153.0 5	127.0 7	121.0 5	101.0 5	81.0 7	64.0 6
1970	230.0 5	191.0 6	143.0 9	134.0 8	106.0 8	76.0 10	60.0 10	49.0 10	43.0 10
1971	102.0 14	67.0 15	61.0 15	52.0 16	44.0 17	32.0 18	24.0 18	21.0 18	21.0 17
1972	197.0 7	151.0 11	111.0 12	85.0 13	74.0 12	58.0 13	49.0 12	43.0 11	38.0 11
1973	358.0 1	323.0 1	307.0 1	283.0 1	263.0 1	225.0 1	181.0 1	148.0 1	107.0 1
1974	65.0 17	64.0 16	57.0 16	49.0 17	45.0 16	40.0 15	35.0 15	29.0 14	24.0 15
1975	218.0 6	207.0 4	191.0 4	156.0 4	139.0 4	118.0 6	95.0 7	83.0 6	61.0 7

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
22.9	16.8	14.6	14.2	16.7	31.6	68.8	90.2	41.5	17.7	28.4	24.1
501	76.0	61.4	47.6	57.8	279	1569	4192	1664	114	348	159
22.4	8.72	7.83	6.90	7.60	16.7	39.6	64.7	40.8	10.7	18.7	12.6
2.15	1.52	2.05	0.86	0.94	0.69	0.28	0.74	2.09	1.60	1.51	0.81
0.98	0.52	0.54	0.48	0.45	0.53	0.58	0.72	0.98	0.60	0.66	0.52
5.90	4.35	3.76	3.67	4.31	8.16	17.7	23.3	10.7	4.56	7.33	6.22

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
32.4	186	13.6	0.92	0.42	-0.372

GILA RIVER BASIN

09494000 WHITE RIVER NEAR FORT APACHE, AZ

LOCATION.--Lat 33°44'11", long 110°09'58", in SE¼ sec.32, T.4½ N., R.21 E. (unsurveyed), Gila County, Hydrologic Unit 15060102, in Fort Apache Indian Reservation, on right bank 2,200 ft (670 m) downstream from highway bridge, 4.5 mi (7.2 km) upstream from confluence with Black River, and 11 mi (18 km) west of Fort Apache.

DRAINAGE AREA.--632 mi² (1,637 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT,FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1958	2700	03-22-58	6.80	NM	6.86	04-23-58	1958	165000
1959	4900	07-28-59	9.2				1959	49000
1960	2580	12-26-59	6.73				1960	147000
1961	3590	08-29-61	8.05				1961	39000
1962	2090	04-16-62	6.40				1962	165000
1963	1970	08-26-63	6.25				1963	79900
1964	4480	07-29-64	8.82				1964	62700
1965	2870	07-28-65	7.38				1965	192000
1966	4360	12-30-65	8.71				1966	190000
1967	11600	07-22-67	13.1				1967	80100
1968	1390	04-16-68	5.61				1968	182000
1969	1190	04-07-69	5.39				1969	143000
1970	1850	08-13-70	6.10				1970	90800
1971	8670	08-13-71	13.80				1971	54100
1972	5170	12-26-71	9.47				1972	102000
1973	4680	04-29-73	9.00				1973	352000
1974	3110	08-01-74	7.6				1974	52500
1975	1930	04-27-75	6.31				1975	165000

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1958																	5	12	52	69	70	25	27	14	8	8	15	28	16	9	5	2			
1959												1	4	15	17	12	11	25	61	84	26	12	8	7	7	4	2								
1960															2	5	36	44	25	15	30	33	34	37	21	19	19	29	12	5					
1961														19	15	10	14	32	130	56	30	23	12	17	4	2		1							
1962														2	4	17	34	16	39	56	53	19	33	16	17	8	16	17	7	11					
1963	4	2	1	1	1			1	2	3	4	2	6	3	7	5	9	4	34	83	33	20	44	43	23	19	6	5							
1964													6	4	8	5	4	22	102	62	39	32	30	21	12	9	8	2							
1965																	1	28	54	31	32	36	46	27	33	24	25	13	9	6					
1966																		20	50	38	36	66	23	26	26	31	15	19	12	2	1				
1967													1	1	3	4	12	10	142	61	34	35	15	14	14	11	6	1	1						
1968																	3	15	65	58	45	22	24	15	20	38	36	20	5						
1969																	4	39	64	41	66	32	24	10	16	32	19	13	5						
1970																	2	21	72	81	73	24	33	13	30	14		2							
1971												1	3	5	10	15	13	15	55	96	45	54	20	18	5	5	3	1	1						
1972														1	12	19	37	29	53	49	73	51	10	10	11	5	2	2	2						
1973														2	1			14	13	11	25	81	53	25	30	28	15	18	13	12	9	13	2		
1974															1	16	23	27	80	81	39	23	15	44	13	3									
1975																	6	2	54	111	52	16	12	14	22	27	21	15	11	2					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	4	6574	100.0	12	4.5	19	6551	99.7	24	210	263	1353	20.5
1	0.10	2	6570	99.9	13	6.2	47	6532	99.4	25	280	290	1090	16.5
2	0.20	1	6568	99.9	14	8.6	63	6485	98.6	26	390	279	800	12.1
3	0.30	1	6567	99.9	15	12.0	78	6422	97.7	27	530	226	521	7.9
4	0.40	1	6566	99.9	16	16.0	149	6344	96.5	28	730	149	295	4.4
5	0.50	0	6565	99.9	17	22.0	262	6195	94.2	29	1000	79	146	2.2
6	0.70	0	6565	99.9	18	31.0	741	5933	90.2	30	1400	40	67	1.0
7	0.90	1	6565	99.9	19	42.0	1113	5192	79.0	31	1900	12	27	.4
8	1.30	2	6564	99.8	20	58.0	911	4079	62.0	32	2600	13	15	.2
9	1.70	3	6562	99.8	21	79.0	701	3168	48.2	33	3600	2	2	
10	2.40	4	6559	99.8	22	110.0	598	2467	37.5	34				
11	3.30	4	6555	99.7	23	150.0	516	1869	28.4					

NM Not maximum gage height for water year.

GILA RIVER BASIN

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09494000 WHITE RIVER NEAR FORT APACHE, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1958	19.00 12	20.00 12	23.00 11	28.00 11	32.00 11	46.00 14	50.00 13	55.00 11	116.00 12
1959	4.20 3	5.00 3	5.70 3	6.80 2	8.70 2	11.00 1	21.00 1	35.00 2	40.00 1
1960	11.00 9	11.00 7	12.00 6	15.00 6	20.00 7	29.00 6	27.00 3	48.00 7	180.00 16
1961	6.50 5	7.30 5	8.20 5	8.60 5	9.90 3	16.00 3	25.00 2	35.00 3	41.00 2
1962	10.00 7	11.00 8	13.00 7	18.00 8	20.00 8	33.00 7	46.00 10	63.00 13	131.00 14
1963	0.00 1	0.00 1	0.46 1	1.19 1	3.40 1	11.00 2	28.00 4	53.00 9	100.00 10
1964	4.50 4	5.00 4	5.60 2	6.90 3	12.00 5	33.00 8	35.00 7	37.00 4	44.00 3
1965	29.00 17	34.00 17	35.00 16	36.00 13	40.00 13	41.00 11	47.00 11	102.00 18	150.00 15
1966	35.00 18	36.00 18	36.00 17	38.00 16	44.00 17	79.00 19	86.00 18	95.00 17	238.00 18
1967	7.00 6	9.60 6	13.00 8	22.00 10	27.00 9	40.00 9	50.00 14	55.00 10	62.00 6
1968	28.00 16	29.00 16	32.00 15	42.00 18	43.00 15	48.00 15	58.00 16	70.00 15	183.00 17
1969	22.00 13	23.00 13	30.00 12	39.00 17	40.00 14	43.00 12	44.00 9	71.00 16	113.00 11
1970	25.00 15	28.00 15	31.00 13	36.00 14	44.00 16	52.00 16	56.00 15	60.00 12	78.00 9
1971	3.70 2	4.70 2	6.40 4	7.80 4	11.00 4	18.00 4	34.00 6	43.00 6	56.00 4
1972	15.00 11	16.00 11	18.00 10	19.00 9	31.00 10	44.00 13	48.00 12	52.00 8	59.00 5
1973	13.00 10	15.00 10	32.00 14	35.00 12	45.00 18	69.00 18	107.00 19	167.00 19	250.00 19
1974	11.00 8	12.00 9	13.00 9	16.00 7	20.00 6	28.00 5	29.00 5	33.00 1	70.00 7
1975	23.00 14	24.00 14	38.00 19	51.00 19	54.00 19	57.00 17	59.00 17	69.00 14	130.00 13

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1958	2120.0 3	1940.0 2	1710.0 2	1400.0 3	1120.0 3	870.0 2	711.0 2	568.0 3	390.0 6
1959	609.0 15	507.0 16	398.0 15	329.0 15	223.0 16	146.0 17	104.0 18	80.0 18	74.0 17
1960	1220.0 9	1040.0 10	1010.0 9	905.0 8	780.0 9	612.0 9	521.0 8	426.0 8	343.0 8
1961	564.0 17	320.0 17	262.0 18	210.0 18	177.0 18	132.0 18	105.0 17	89.0 17	71.0 18
1962	1810.0 6	1790.0 4	1710.0 3	1530.0 2	1190.0 2	866.0 3	645.0 4	561.0 4	405.0 5
1963	655.0 14	646.0 13	570.0 12	468.0 12	383.0 12	279.0 13	233.0 13	202.0 12	149.0 13
1964	578.0 16	550.0 14	505.0 13	394.0 13	277.0 14	207.0 14	157.0 15	126.0 15	128.0 14
1965	1870.0 5	1830.0 3	1590.0 4	1320.0 4	1040.0 4	814.0 4	657.0 3	551.0 5	433.0 3
1966	2400.0 2	1740.0 5	1120.0 6	968.0 6	925.0 6	713.0 7	578.0 7	466.0 7	436.0 2
1967	1010.0 11	886.0 11	651.0 11	542.0 11	408.0 11	343.0 10	254.0 12	198.0 13	160.0 12
1968	1300.0 8	1210.0 8	1090.0 7	900.0 9	822.0 7	727.0 6	637.0 6	571.0 2	423.0 4
1969	1140.0 10	1090.0 9	1050.0 8	957.0 7	798.0 8	630.0 8	511.0 9	409.0 9	314.0 9
1970	939.0 13	738.0 12	436.0 14	393.0 14	344.0 13	319.0 11	263.0 11	217.0 11	180.0 11
1971	990.0 12	527.0 15	343.0 16	269.0 16	246.0 15	176.0 16	126.0 16	99.0 16	98.0 16
1972	1890.0 4	1380.0 7	866.0 10	596.0 10	409.0 10	302.0 12	299.0 10	269.0 10	221.0 10
1973	3860.0 1	3520.0 1	2990.0 1	2670.0 1	2470.0 1	1780.0 1	1380.0 1	1120.0 1	803.0 1
1974	302.0 18	292.0 18	262.0 17	253.0 17	222.0 17	193.0 15	166.0 14	140.0 14	110.0 15
1975	1650.0 7	1540.0 6	1340.0 5	1170.0 5	970.0 5	754.0 5	642.0 5	540.0 6	383.0 7

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
99.0	81.0	99.6	104	117	263	537	412	131	63.2	120	98.5
12580	2623	11470	6110	7799	36530	166900	230300	20560	2701	7615	4180
112	51.2	107	78.2	88.3	191	409	480	143	52.0	87.3	64.7
2.44	1.27	2.49	1.04	1.47	0.88	0.50	2.61	2.27	1.52	1.83	0.88
1.13	0.63	1.08	0.75	0.76	0.73	0.76	1.16	1.09	0.82	0.73	0.66
4.66	3.81	4.69	4.89	5.49	12.4	25.2	19.4	6.17	2.97	5.65	4.64

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
177	11450	107	1.33	0.60	-0.343

GILA RIVER BASIN

09494300 CARRIZO CREEK ABOVE CORDUROY CREEK, NEAR SHOW LOW, AZ

LOCATION.--Lat 34°00'00", long 110°17'20", in sec.13, T.7 N., R.19 E. (unsurveyed), in Fort Apache Indian Reservation, on left bank 0.5 mi (0.8 km) upstream from Corduroy Creek and 23 mi (37 km) southwest of Show Low.

DRAINAGE AREA.--225 mi² (583 km²).

WATER YEAR	ANNUAL PEAK DISCH, CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK, FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1954	2760	07-09-54	5.73	1954	6580
1955	1850	08-18-55	5.20	1955	3920
1956	2470	08-14-56	6.35	1956	2450
1957	935	08-31-57	4.85	1957	5040
1958	2870	09-04-58	6.68	1958	6250
1959	1240	08-19-59	5.28	1959	2800
1960	3260	01-11-60	6.95	1960	2470
1961	694	09-06-61	4.56	1961	9350
1962	340	02-13-62	3.83	1962	3710
1963	3040	08-26-63	6.80	1963	2270
1964	1860	07-21-64	5.88	1964	10400
1965	2360	01-07-65	6.43	1965	29100
1966	10000	12-30-65	9.85		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1954	7	4	3	4	10	12	11	11	17	27	36	54	109	24	9	5	3	2	1	4	1	2	2				1		1						
1955	16	2	3	8	9	7	20	12	32	26	40	109	48	11	2	4	5	2	2		4		2	2	1										
1956	98	6	2	2	5	1	8	4	26	29	19	101	43	13	2		3	2			1			1											
1957	72	9	5	3	25	8	15	11	26	27	27	38	28	23	13	11	5	3	4	2	3	1	3	1	1	1									
1958	61	5	8	4	6	3	7	10	7	13	57	69	34	27	7	9	9	6	4	8	3	4	2			1	1								
1959	86	5	4	1	8	3	7	9	4	13	20	140	49	5	3	2	1	1		2		1			1										
1961	109	3	2	4	6	3	5	7	4	9	11	19	140	39	1	2	1																		
1962	56	7	10		13	8	10	6	18	29	18	39	38	20	12	14	6	7	16	10	8	10	4	5		1									
1963	66	1	2	1	5	2	3	6	7	34	24	40	106	47	8	7		2			2		2												
1964	51	4	8	2	15	24	6	10	18	29	93	78	16	2	1	2	1		3	1	1		1												
1965	17	3	5	1	11	16	13	10	25	21	38	38	23	22	26	25	20	17	9	7	4	8		4			1		1						
1966			2	1	8	3		2	15	12	49	60	34	14	12	34	52	17	13	8	8	4	6	1	4	2			1	1		1	1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	639	4382	100.0	12	4.7	668	1510	34.5	24	160	7	21	.4
1	0.10	49	3743	85.4	13	6.3	247	842	19.2	25	220	5	14	.3
2	0.20	54	3694	84.3	14	8.5	96	595	13.6	26	300	2	9	.2
3	0.30	31	3640	83.1	15	11.0	115	499	11.4	27	400	1	7	.1
4	0.40	121	3609	82.4	16	15.0	108	384	8.8	28	540	2	6	.1
5	0.60	90	3488	79.6	17	21.0	60	276	6.3	29	720	2	4	
6	0.80	105	3398	77.5	18	28.0	53	216	4.9	30	970		2	
7	1.10	98	3293	75.1	19	37.0	39	163	3.7	31	1300	1	2	
8	1.40	199	3195	72.9	20	50.0	38	124	2.8	32	1800	1	1	
9	1.90	269	2996	68.4	21	67.0	29	86	2.0	33				
10	2.60	432	2727	62.2	22	91.0	16	57	1.3	34				
11	3.50	785	2295	52.4	23	120.0	20	41	0.9					

09494300 CARRIZO CREEK ABOVE CORDUROY CREEK, NEAR SHOW LOW, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1954	0.00 1	0.00 1	0.03 11	0.26 11	0.47 11	1.60 11	3.20 12	3.90 12	5.70 8
1955	0.00 2	0.00 2	0.00 1	0.00 1	0.17 9	0.99 10	1.40 9	2.00 10	2.90 7
1956	0.00 3	0.00 3	0.00 2	0.00 2	0.00 1	0.03 3	0.75 5	1.70 8	2.60 4
1957	0.00 4	0.00 4	0.00 3	0.00 3	0.02 7	0.32 6	0.83 7	1.60 7	2.80 6
1958	0.00 5	0.00 5	0.00 4	0.00 4	0.00 2	0.34 7	0.59 4	1.19 3	5.80 9
1959	0.00 6	0.00 6	0.00 5	0.00 5	0.00 3	0.00 1	0.41 2	1.10 2	2.10 2
1961	0.00 7	0.00 7	0.00 6	0.00 6	0.00 4	0.00 2	0.00 1	0.13 1	1.19 1
1962	0.00 8	0.00 8	0.00 7	0.00 7	0.02 8	0.72 8	0.81 6	1.40 5	5.90 10
1963	0.00 9	0.00 9	0.00 8	0.00 8	0.00 5	0.06 4	0.52 3	1.30 4	2.70 5
1964	0.00 10	0.00 10	0.00 9	0.00 9	0.00 6	0.18 5	0.90 8	1.60 6	2.40 3
1965	0.00 11	0.00 11	0.00 10	0.20 10	0.41 10	0.72 9	1.50 10	1.80 9	9.80 12
1966	0.20 12	0.23 12	0.33 12	0.44 12	2.00 12	2.80 12	3.10 11	3.70 11	6.00 11

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1954	600.0 3	333.0 3	197.0 3	108.0 2	58.0 5	32.0 5	23.0 5	19.0 5	14.0 4
1955	174.0 8	81.0 8	63.0 7	50.0 7	32.0 7	17.0 7	11.0 7	9.0 7	7.4 7
1956	125.0 10	42.0 10	25.0 10	12.0 11	9.1 10	5.6 12	5.2 11	5.1 10	4.7 10
1957	254.0 5	188.0 5	91.0 6	54.0 6	33.0 6	29.0 6	22.0 6	17.0 6	12.0 6
1958	300.0 4	240.0 4	144.0 4	90.0 4	59.0 3	34.0 4	25.0 4	20.0 4	14.0 5
1959	193.0 7	95.0 7	47.0 8	24.0 9	14.0 9	6.8 9	5.3 10	5.0 11	4.7 11
1961	16.0 12	10.0 12	7.9 12	6.8 12	6.6 12	6.2 10	6.0 9	6.0 9	5.9 9
1962	225.0 6	159.0 6	120.0 5	83.0 5	68.0 2	61.0 2	44.0 2	35.0 3	24.0 3
1963	158.0 9	56.0 9	33.0 9	31.0 8	18.0 8	9.8 8	6.6 8	6.4 8	6.0 8
1964	101.0 11	40.0 11	22.0 11	15.0 10	8.1 11	6.1 11	4.4 12	3.6 12	3.6 12
1965	810.0 2	469.0 2	217.0 2	107.0 3	58.0 4	40.0 3	36.0 3	38.0 2	27.0 2
1966	5360.0 1	2570.0 1	1190.0 1	659.0 1	355.0 1	190.0 1	139.0 1	112.0 1	77.0 1

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.65	4.07	27.5	15.1	12.7	21.9	10.9	3.72	1.07	2.15	6.82	3.30
3.61	2.29	6746	448	170	524	142	5.11	1.41	9.08	72.7	12.6
1.90	1.51	82.1	21.2	13.1	22.9	11.9	2.26	1.19	3.01	8.52	3.56
0.62	-0.63	3.60	1.97	1.85	0.82	2.11	0.94	0.98	1.75	2.28	1.03
0.72	0.37	2.98	1.40	1.03	1.04	1.09	0.61	1.11	1.40	1.25	1.08
2.37	3.63	24.6	13.5	11.3	19.6	9.77	3.32	0.95	1.92	6.08	2.94

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
9.71	106	10.3	2.72	1.06	0.479

LOCATION.--Lat 34°06'40", long 110°07'50", in NW¼ sec.9, T.8 N., R.21 E. (unsurveyed), Navajo County, in Fort Apache Indian Reservation, 700 ft (213 m) upstream from Forestdale Creek and 11.5 mi (18.5 km) southwest of Show Low.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1953	361	03-08-53	4.56	1953	1720
1954	1570	03-23-54	7.95	1954	3140
1955	739	08-07-55	5.95	1955	329
1956	22	03-04-56	2.80	1956	409
1957	1140	07-27-57	7.05	1957	1510
1958	556	03-22-58	5.81	1958	3380
1959	53	08-18-59	3.30	1959	752
1960	2210	11-02-59	9.03	1960	12400
1961	9.9	03-29-61	2.68		

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
													NUMBER	OF	DAYS	IN	CLASS																			
1953	182						16	33	24	25	21	14	12	14	6	2	3	1	4	2	1			1		1	1	2								
1954	281						12	5	6	6	9	5	9	4	1	6	1	5	1	2				2		1										
1955	265						11	26	10	20	10	2	4	6	4		2	1	1	1			2		4	1	1									
1956	287						24	8	3	6	5	3	7	2	2	4	2	1	8	4																
1957	212						19	11	6	10	13	12	12	7	8	15	8	7	7	8	3	5	5	1	1											
1958	204						40	13	8	13	9	2	5	7	8	5	5	5	11	9	5	5	2	2	4	2			1							
1959	289						29	8	3	6	7	3	2	4	2	1		2	2	2																
1960	163	4		2	1		1	2	1	16	16	12	9	8	11	10	11	9	9	10	18	16	14	8	3	5	2	2	1		1	1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1883	2922	100.0	12	1.2	60	468	16.0	24	74	9	29	.9
1	0.01	4	1039	35.6	13	1.7	52	408	14.0	25	100	9	20	.6
2	0.02	0	1035	35.4	14	2.4	42	356	12.2	26	150	4	11	.3
3	0.03	2	1035	35.4	15	3.4	43	314	10.7	27	210	3	7	.2
4	0.05	1	1033	35.4	16	4.7	32	271	9.3	28	290	1	4	.1
5	0.07	0	1032	35.3	17	6.7	31	239	8.2	29	410		3	.1
6	0.10	152	1032	35.3	18	9.4	43	208	7.1	30	580	2	3	.1
7	0.20	106	880	30.1	19	13.0	38	165	5.6	31	820	1	1	
8	0.30	61	774	26.5	20	19.0	27	127	4.3	32				
9	0.40	102	713	24.4	21	26.0	31	100	3.4	33				
10	0.60	90	611	20.9	22	37.0	21	69	2.4	34				
11	0.90	53	521	17.8	23	52.0	19	48	1.6					

GILA RIVER BASIN

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09494500 CORDUROY CREEK ABOVE FORESTDALE CREEK, NEAR SHOW LOW, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1953	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.11 2
1954	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	1.50 7
1955	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.11 3
1956	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.02 1
1957	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.12 8	0.60 6
1958	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.05 8	0.08 7	2.00 8
1959	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	0.00 5	0.16 4
1960	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	0.00 6	0.18 5

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1953	201.0 4	167.0 3	95.0 4	49.0 4	26.0 4	13.0 4	9.2 4	7.1 4	4.8 4
1954	761.0 2	324.0 2	180.0 2	89.0 2	45.0 3	23.0 3	15.0 3	11.0 3	8.7 3
1955	33.0 7	16.0 7	8.7 8	7.0 8	4.7 8	2.4 8	1.6 8	1.2 8	0.8 8
1956	16.0 8	15.0 8	13.0 7	10.0 7	6.4 7	3.4 7	2.3 7	1.7 7	1.1 7
1957	55.0 6	35.0 6	25.0 6	18.0 6	14.0 5	9.9 5	7.2 5	5.5 5	3.6 5
1958	245.0 3	150.0 4	113.0 3	72.0 3	46.0 2	27.0 2	18.0 2	14.0 2	9.1 2
1959	68.0 5	62.0 5	43.0 5	21.0 5	11.0 6	5.5 6	3.7 6	2.8 6	1.8 6
1960	821.0 1	395.0 1	209.0 1	105.0 1	91.0 1	55.0 1	51.0 1	42.0 1	34.0 1

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.39	5.75	5.16	6.56	3.49	17.4	1.60	0.08	0.00	0.83	2.46	0.10
0.90	293	231	302	23.6	360	12.0	0.01	0.00	3.01	13.3	0.02
0.95	17.1	15.2	17.4	4.85	19.0	3.47	0.09	0.00	1.73	3.65	0.16
2.80	3.00	3.00	2.96	1.44	0.44	2.92	0.81	3.00	2.67	1.99	1.31
2.43	2.98	2.95	2.65	1.39	1.09	2.17	1.11	3.00	2.10	1.48	1.49
0.89	13.1	11.8	15.0	7.96	39.7	3.65	0.19	0.00	1.89	5.62	0.24

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
4.07	30.0	5.48	2.38	1.35	-0.346

09495500 FORESTDALE CREEK NEAR SHOW LOW, AZ

LOCATION.--Lat 34°06'50", long 110°07'45", in SE¼ sec.4, T.8 N., R.21 E. (unsurveyed), Navajo County, in Fort Apache Indian Reservation, 375 ft (114 m) upstream from mouth, 8 mi (13 km) downstream from end of pipeline diverting from Lake Show Low, and 11.5 mi (18.5 km) southwest of Show Low.

DRAINAGE AREA.--33.4 mi² (86.5 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1953	106	03-08-53	5.64	1953	732
1954	130	03-23-54	5.76	1954	3640
1955	43	08-23-55	5.18	1955	331
1956	315	07-21-56	6.50	1956	91
1957	490	07-27-57	6.90	1957	409
1958	43	08-05-58	5.22	1958	3410
1959	81	08-05-59	5.50	1959	44
1960	1290	11-02-59	7.95	1960	8920

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1953	159							79	68	11	8	5	6	2	1	2	2		1		2	12	4		2	1										
1954	206							35	5	3			2	1	1	1	1	2	1	1	2	25	37	37	3	1	1									
1955	303							33	3	1	1	2	2	1	2	1	2	3	1				2	8												
1956	336							19	4	2			1						1		1	1		1												
1957	237	15	9	14	15	12	5	5	6	2	9	3	3	1	4		4	1			4	14		1		1										
1958	133	23	14	3	5	4	3	4	3	6	2	2	5	3	7		2	3	2		35	38	68													
1959	168	52	70	23	23	16	2		2	2	1			1		2	2	1																		
1960	58	6	4	10	11	7		8	2	7	5	1	6	1	1	1	3	4	5	4	7	85	41	54	17	8	3	1	2	2	1	1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1600	2922	100.0	12	0.6	25	627	21.5	24	23	23	44	1.5
1	0.01	96	1322	45.2	13	0.9	9	602	20.6	25	31	10	21	.7
2	0.02	97	1226	42.0	14	1.2	17	593	20.3	26	42	4	11	.3
3	0.03	50	1129	38.6	15	1.6	5	576	19.7	27	56	1	7	.2
4	0.04	54	1079	36.9	16	2.1	16	571	19.5	28	76	2	6	.2
5	0.05	39	1025	35.1	17	2.9	15	555	19.0	29	100	2	4	.1
6	0.08	10	986	33.7	18	3.8	12	540	18.5	30	140	1	2	
7	0.10	183	976	33.4	19	5.2	9	528	18.1	31	190	1	1	
8	0.20	93	793	27.1	20	7.0	61	519	17.8	32				
9	0.30	34	700	24.0	21	9.4	163	458	15.7	33				
10	0.40	26	666	22.8	22	13.0	159	295	10.1	34				
11	0.50	13	640	21.9	23	17.0	92	136	4.7					

GILA RIVER BASIN

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09495500 FORESTDALE CREEK NEAR SHOW LOW, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1953	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.01 4	0.83 6
1954	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.01 7	0.02 6	1.00 7
1955	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	0.00 1	0.01 1
1956	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3	0.00 2	0.02 3
1957	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.09 7	0.56 5
1958	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.01 5	0.38 4
1959	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	0.00 3	0.01 2
1960	0.00 8	0.00 8	0.00 8	0.00 8	0.01 8	4.20 8	4.50 8	5.70 8	8.10 8

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1953	41.0 3	33.0 2	17.0 3	12.0 4	6.9 4	3.6 4	3.8 4	2.9 4	2.0 4
1954	44.0 2	29.0 3	24.0 2	19.0 2	18.0 2	17.0 2	15.0 2	11.0 3	10.0 2
1955	14.0 7	14.0 5	14.0 5	9.9 5	5.0 5	2.7 5	1.8 5	1.4 5	0.9 6
1956	20.0 5	11.0 6	4.8 7	2.2 7	1.1 7	0.6 7	0.4 7	0.4 7	0.3 7
1957	26.0 4	9.4 7	8.0 6	7.7 6	4.4 6	2.2 6	1.6 6	1.3 6	1.0 5
1958	16.0 6	15.0 4	15.0 4	15.0 3	14.0 3	13.0 3	13.0 3	12.0 2	9.4 3
1959	4.2 8	2.2 8	1.0 8	0.7 8	0.5 8	0.2 8	0.2 8	0.1 8	0.1 8
1960	339.0 1	162.0 1	79.0 1	39.0 1	34.0 1	27.0 1	26.0 1	23.0 1	19.0 1

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.04	2.13	1.35	3.14	2.08	4.15	3.99	3.15	4.06	4.32	4.10	0.70
0.01	40.0	15.7	83.1	35.3	51.1	30.0	23.9	38.1	40.4	33.5	2.73
0.08	6.32	3.96	9.11	5.94	7.15	5.47	4.89	6.17	6.36	5.79	1.65
1.91	3.00	3.00	3.00	3.00	2.52	1.16	1.07	0.99	1.20	1.21	2.84
1.77	2.97	2.92	2.91	2.86	1.72	1.37	1.55	1.52	1.47	1.41	2.37
0.13	6.41	4.08	9.44	6.26	12.5	12.0	9.50	12.2	13.0	12.3	2.10

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
3.03	18.1	4.25	1.77	1.40	-0.482

GILA RIVER BASIN

09496000 CORDUROY CREEK NEAR MOUTH, NEAR SHOW LOW, AZ

LOCATION.--34°01'06", long 110°14'30", in sec.8, T.7 N., R.20 E. (unsurveyed), Navajo County, in Fort Apache Indian Reservation, on right bank 4 mi (6 km) upstream from mouth and 20 mi (32 km) southwest of Show Low.

DRAINAGE AREA.--203 mi² (526 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT.FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1952	10900	01-18-52	11.1				1952	45900
1953	1200	07-29-53	4.68				1953	5880
1954	2450	03-23-54	6.22				1954	11100
1955	257	08-07-55	3.29				1955	2140
1956	149	08-17-56	3.09				1956	1880
1957	1420	08-02-57	5.15				1957	5040
1958	1140	03-22-58	4.98				1958	10600
1959	316	08-19-59	3.52				1959	1700
1960	3500	12-25-59	8.08	NM	8.45	11-02-59	1960	37100
1961	512	08-22-61	4.12				1961	1840
1962	841	02-13-62	5.30				1962	22500
1963	7150	09-09-63	10.50				1963	5170
1964	402	07-30-64	3.95				1964	2510
1965	4510	01-07-65	8.69				1965	27300
1966	10900	12-30-65	11.75				1966	34900
1967	505	07-29-67	3.43				1967	2410
1968	902	01-28-68	4.17				1968	34200
1969	504	01-27-69	3.73				1969	13800
1970	38	08-09-70	2.15				1970	1660
1971	366	09-13-71	3.38				1971	1670
1972	8500	12-26-71	10.90				1972	24000
1973	7600	10-20-72	9.97				1973	83600
1974	50	03-21-74	1.71				1975	15700
1975	348	04-12-75	3.02					

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1952				2	66	87	51	19	12	7	8	12	10	12	4	9	7	7	7	12	6	7	4	6	3	3				2	1	1	1		
1953				52	133	78	31	20	10	8	11	7	2	2	3	1	2			1			1	1	2										
1954				210	4129	8	7	2	1	1	6	27	45	14	2	3	2	2	1	3	1	1	1	3					1						
1955				172	133	17	10	9	4	4	4	4	8	1	2			1																	
1956				66	115	133	14	7	11	2	3	9	5	1																					
1957				2	18	106	120	24	9	9	11	14	19	6	3	6	4	3	2	1	1			1											
1958				8	26	124	12	7	5	4	16	42	72	17	4	8	6	1	3	2	4		2			1	1								
1959				45	113	178	11	2	4	5	1	3		1	1																				
1960				7	15	12	42	19	7	9	7	13	75	34	22	10	14	6	15	18	9	8	4	5	7	1	2		2		2	1			
1961				7	69	66	171	37	4	2	2		2		1		1	1																	
1962				3	10	12	32	54	33	9	11	18	8	13	10	21	64	4	3	4	18	14	10	4	2	2	5		1						
1963				22	70	54	77	29	12	13	8	11	6	16	15	24	3	3																	
1964				12	51	48	144	34	10	30	20	2	3	5	4	1			1	1															
1965				1	35	101	11	5	8	4	2	3	4	7	74	41	13	12	10	7	13	5	4	3					1				1		
1966				2	44	71	21	2	9	5	6	11	22	27	65	29	7	15	6	3	6	6		3				2			1	1		1	
1967				39	83	88	59	24	35	15	10	6	2	3		1																			
1968				15	62	33	9	13	10	19	16	6	11	33	65	5	9	1	10	5	12	6	7	6	6	1	6								
1969				19	56	85	39	16	7	3	3	6	3	17	41	24	11	14	5	4	6	1	4		1										
1970				42	87	182	36	8	2	5	1		2																						
1971				9	11	12	138	4	3	6	2	2	3	1	2			1																	
1972				19	43	13	76	26	6	6		1	2	1	6	67	64	6	9	3	3	4	2	4	1	1	1			1					
1973				9	17	8	4	6	4	2	9	11	28	67	44	27	28	12	6	12	12	7	9	12	12	12	4			1	1	1			
1975				11	13	61	36	27	14	5	5	9	4	7	14	61	31	11	7	14	16	9	4	2	4										

NM Not maximum gage height for water year.

09496000 CORDUROY CREEK NEAR MOUTH, NEAR SHOW LOW, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--Continued

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8401	100.0	12	13.0	273	2174	25.9	24	330	33	99	1.1
1	0.60	14	8401	100.0	13	17.0	331	1901	22.6	25	430	20	66	.7
2	0.90	92	8387	99.8	14	23.0	540	1570	18.7	26	560	21	46	.5
3	1.20	671	8295	98.7	15	30.0	268	1030	12.3	27	730	7	25	.2
4	1.60	1503	7624	90.8	16	39.0	115	762	9.1	28	960	4	18	.2
5	2.00	2343	6121	72.9	17	50.0	131	647	7.7	29	1200	4	14	.1
6	2.70	594	3778	45.0	18	66.0	114	516	6.1	30	1600	4	10	.1
7	3.50	220	3184	37.9	19	86.0	71	402	4.8	31	2100	3	6	
8	4.50	231	2964	35.3	20	110.0	89	325	3.9	32	2800	1	3	
9	5.90	165	2733	32.5	21	150.0	50	236	2.8	33	3600	1	2	
10	7.80	136	2568	30.6	22	190.0	45	186	2.2	34	4800	1	1	
11	10.00	258	2432	28.9	23	250.0	42	141	1.7					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1952	1.50 16	1.60 22	1.70 22	1.80 22	1.80 15	1.90 15	1.90 11	2.60 14	12.00 15
1953	1.60 22	1.60 23	1.70 23	1.70 18	1.80 16	2.00 17	3.10 19	3.10 16	3.90 10
1954	1.50 17	1.50 17	1.60 18	1.80 19	1.90 19	1.90 16	1.90 12	2.00 10	14.00 18
1955	1.60 23	1.60 18	1.60 19	1.60 16	1.60 12	1.80 13	1.80 9	1.80 4	2.00 2
1956	1.19 12	1.19 9	1.30 11	1.30 9	1.30 6	1.50 5	1.70 4	1.70 1	2.00 3
1957	1.10 5	1.19 10	1.30 12	1.40 10	1.60 13	1.70 10	1.90 13	2.70 15	3.90 11
1958	1.30 13	1.40 15	1.50 16	1.90 23	2.10 20	2.10 18	2.20 16	2.30 12	13.00 16
1959	1.30 14	1.30 14	1.40 13	1.50 13	1.50 9	1.80 11	1.80 10	1.90 9	2.00 4
1960	0.90 3	0.90 3	0.99 4	1.19 8	2.20 22	5.80 22	6.00 22	7.30 19	9.70 14
1961	1.10 6	1.19 11	1.19 9	1.40 11	1.40 7	1.60 7	1.70 5	1.80 5	2.30 6
1962	0.80 2	0.80 2	0.86 2	1.10 3	2.10 21	2.40 20	4.10 21	4.70 18	15.00 19
1963	1.10 7	1.10 5	1.10 5	1.10 4	1.19 3	1.40 2	1.50 1	1.70 2	7.10 12
1964	1.10 8	1.10 6	1.10 6	1.10 5	1.30 4	1.40 3	1.80 6	2.20 11	2.50 7
1965	1.50 18	1.60 19	1.70 20	1.70 17	1.80 17	1.90 14	2.10 14	12.00 22	27.00 22
1966	1.50 19	1.60 20	1.60 17	1.80 20	1.90 18	2.60 21	3.20 20	7.50 20	14.00 17
1967	1.19 9	1.19 7	1.19 7	1.19 6	1.50 8	1.70 6	1.80 7	1.90 6	2.60 8
1968	1.19 10	1.30 12	1.40 14	1.50 14	1.60 10	1.80 12	2.50 18	10.00 21	16.00 20
1969	1.50 20	1.50 16	1.50 15	1.50 15	1.70 14	2.10 19	2.20 15	2.50 13	9.60 13
1970	1.30 15	1.30 13	1.30 10	1.40 12	1.60 11	1.70 9	1.80 8	1.90 7	2.00 5
1971	1.19 11	1.19 8	1.19 8	1.19 7	1.30 5	1.50 6	1.60 3	1.70 3	1.80 1
1972	0.96 4	0.96 4	0.96 3	0.98 2	1.00 1	1.40 4	1.50 2	1.90 8	2.60 9
1973	1.60 21	1.60 21	1.70 21	1.80 21	2.30 23	13.00 23	19.00 23	22.00 23	58.00 23
1975	0.70 1	0.70 1	0.74 1	0.86 1	1.10 2	1.19 1	2.30 17	4.10 17	17.00 21

09496000 CORDUROY CREEK NEAR MOUTH, NEAR SHOW LOW, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1952	5260.0 1	2230.0 1	1550.0 1	791.0 1	507.0 1	262.0 2	227.0 2	182.0 2	124.0 2
1953	390.0 11	352.0 10	216.0 11	112.0 12	59.0 13	31.0 13	23.0 13	18.0 13	13.0 13
1954	1100.0 7	521.0 8	364.0 9	189.0 9	103.0 10	53.0 12	38.0 12	33.0 12	29.0 11
1955	52.0 19	24.0 19	16.0 17	12.0 18	8.8 17	7.6 17	5.7 17	4.8 17	3.7 17
1956	19.0 22	16.0 22	14.0 20	13.0 17	8.6 19	5.9 19	4.8 19	4.1 19	3.4 19
1957	264.0 14	149.0 14	70.0 14	43.0 14	27.0 14	24.0 14	19.0 14	15.0 14	10.0 14
1958	497.0 10	330.0 11	237.0 10	146.0 10	92.0 11	55.0 11	41.0 11	34.0 11	27.0 12
1959	42.0 20	23.0 20	12.0 22	7.1 22	5.2 22	3.6 22	3.0 22	2.7 23	2.5 22
1960	1880.0 6	1040.0 6	503.0 7	267.0 6	264.0 5	165.0 5	148.0 4	117.0 5	95.0 3
1961	58.0 18	34.0 17	16.0 18	11.0 19	6.7 21	4.1 21	3.3 21	3.0 21	3.0 20
1962	560.0 9	420.0 9	377.0 8	246.0 8	178.0 7	136.0 6	100.0 7	81.0 8	56.0 8
1963	380.0 12	146.0 15	66.0 15	33.0 15	25.0 15	19.0 15	17.0 15	13.0 15	9.6 15
1964	85.0 16	50.0 16	27.0 16	18.0 16	11.0 16	7.8 16	5.9 16	4.8 16	4.4 16
1965	2130.0 5	1070.0 5	519.0 5	264.0 7	149.0 8	109.0 7	98.0 8	94.0 6	70.0 6
1966	4760.0 2	1880.0 2	875.0 2	665.0 2	389.0 3	206.0 4	147.0 5	126.0 3	91.0 4
1967	30.0 21	16.0 21	13.0 21	11.0 20	8.7 18	6.4 18	4.9 18	4.2 18	3.5 18
1968	676.0 8	640.0 7	517.0 6	365.0 4	308.0 4	226.0 3	159.0 3	123.0 4	89.0 5
1969	342.0 13	245.0 12	153.0 13	103.0 13	84.0 12	70.0 10	60.0 10	51.0 10	35.0 10
1970	15.0 23	11.0 23	6.9 23	4.9 23	3.8 23	3.1 23	2.9 23	2.7 22	2.5 23
1971	62.0 17	26.0 18	14.0 19	9.1 21	7.3 20	4.9 20	3.8 20	3.2 20	2.8 21
1972	2400.0 3	1250.0 4	626.0 4	328.0 5	183.0 6	107.0 8	103.0 6	85.0 7	63.0 7
1973	2190.0 4	1430.0 3	655.0 3	518.0 3	466.0 2	392.0 1	300.0 1	244.0 1	199.0 1
1975	240.0 15	227.0 13	183.0 12	139.0 11	103.0 9	83.0 9	64.0 9	53.0 9	40.0 9

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
12.6	10.8	34.7	44.6	41.7	67.1	27.4	11.7	7.75	7.76	7.47	3.60
1269	588	6322	8908	5409	8623	1915	254	84.2	76.4	40.3	12.5
35.6	24.3	79.5	94.4	73.5	92.9	43.8	15.9	9.17	8.74	6.35	3.53
3.77	2.99	3.10	3.43	2.32	2.87	2.79	2.57	1.16	1.53	1.65	3.21
2.83	2.24	2.29	2.12	1.76	1.38	1.59	1.36	1.18	1.13	0.85	0.98
4.54	3.91	12.5	16.1	15.0	24.2	9.89	4.22	2.79	2.80	2.69	1.30

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
23.5	760	27.6	1.92	1.17	-0.025

GILA RIVER BASIN

305

09496500 CARRIZO CREEK NEAR SHOW LOW, AZ

LOCATION.--Lat 33°59'07", long 110°16'49", in sec.24, T.7 N., R.19 E. (unsurveyed), Gila County, Hydrologic Unit 15060104, in Fort Apache Indian Reservation, on upstream side of center pier of bridge on U.S. Highway 60, 1 mi (2 km) downstream from Corduroy Creek, 23 mi (37 km) southwest of Show Low, and 24 mi (39 km) upstream from mouth.

DRAINAGE AREA.--439 mi² (1,137 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1952	20500	01-18-52		12.08	1952	82400
1953	3200	07-29-53		5.88	1953	13200
1954	3910	03-23-54		5.95	1954	18200
1955	2060	08-18-55		5.00	1955	6190
1956	2400	08-14-56		5.28	1956	4230
1957	1360	08-02-57		4.40	1957	9520
1958	2920	09-04-58		5.71	1958	16800
1959	1560	08-19-59		4.67	1959	4740
1960	6980	01-11-60		8.10	1960	64700
1961	900	09-06-61	ES		1961	53800
1962	1200	02-13-62	ES		1962	22500
1963	10000	09-09-63	ES		1963	5400
1964	2000	07-21-64	ES		1964	6560
1965	6000	01-07-65	ES		1965	47300
1966	23000	12-30-65		13.00	1966	137000
1967	2590	08-09-67		5.93	1967	7840
1968	1070	02-14-68		4.37	1968	27800
1969	1060	01-27-69		4.36		
1970	1960	09-06-70		5.40		
1971	2000	09-29-71		5.44		
1972	11200	12-26-71		9.92		
1973	12400	10-19-72		10.54		
1974	160	08-03-74		1.66		
1975	726	10-29-74		2.77		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1952									10	12	21	68	33	32	27	23	17	15	15	14	11	12	11	13	7	12	4	4			2	2		1		
1953								10	16	11	16	17	47	84	79	48	13	7	5	4	1	1		1	2											
1954							1	4	16	19	19	52	118	18	17	29	23	22	5	5	2	4	3	1	2	2	1				1					
1955				8	8	2	10	9	9	24	32	89	106	30	11	7	5	3	2	4	3	1	1	1												
1956					11	34	39	19	5	39	24	71	62	28	14	9	7	2			1		1													
1957					13	40	28	37	30	38	35	39	14	25	20	12	9	8	4	5	2	2	2			2										
1958						2	13	4	4	8	66	64	29	59	52	13	11	13	4	8	4	2	4	3				2								
1959								12	17	17	16	90	97	24	5	3	3	2	1	1	2			1												
1960		1	2	3	6	13	49	20	19	34	10	5	11	22	35	44	21	16	25	19	22	17	10	8	10	5	4	2	2		3		2			
1968											15	32	36	27	3	13	42	60	54	12	11	3	4	6	13	4	7	16	5	3						
1969							6	3	5	13	26	56	51	33	27	10	11	40	34	10	18	8	4	2	3	3	1	1								
1970							9	30	13	28	14	20	20	138	70	13	3	2	1	1	2															
1971					1	15	17	18	9	12	24	18	76	130	11	5	4	9	7	1	4	1	1	1	1	1										
1972			1	4	5		15	13	15	25	23	29	21	13	7	7	6	79	57	10	6	4	5	2	4	1	5	3	2	2	1		1			
1973									3				5	12	6	9	14	56	59	51	24	17	13	16	16	15	17	12	14	3	1				1	
1974						13	12	12	14	18	19	21	51	83	57	17	12	25	9	2																
1975							3	39	7	3	21	23	45	20	36	32	39	37	14	8	10	12	6	4	4	2										

CLASS	VALUE	TOTAL	ACCUH	PERCT	CLASS	VALUE	TOTAL	ACCUH	PERCT	CLASS	VALUE	TOTAL	ACCUH	PERCT
0	0.00	0	6210	100.0	12	5.9	1023	4022	64.8	24	230	57	235	3.7
1	0.10	1	6210	100.0	13	8.0	551	2999	48.3	25	320	53	178	2.8
2	0.30	3	6209	100.0	14	11.0	420	2448	39.4	26	430	52	125	2.0
3	0.40	16	6206	99.9	15	15.0	363	2028	32.7	27	580	31	73	1.1
4	0.50	45	6190	99.7	16	20.0	260	1665	26.8	28	790	21	42	.6
5	0.70	101	6145	99.0	17	27.0	388	1405	22.6	29	1100	5	21	.3
6	0.90	222	6044	97.3	18	37.0	284	1017	16.4	30	1500	6	16	.2
7	1.30	168	5822	93.8	19	50.0	159	733	11.8	31	2000	2	10	.1
8	1.70	249	5654	91.0	20	68.0	115	574	9.2	32	2700	5	8	.1
9	2.30	306	5405	87.0	21	93.0	84	459	7.4	33	3700	1	3	
10	3.20	325	5099	82.1	22	130.0	71	375	6.0	34	5000	2	2	
11	4.30	752	4774	76.9	23	170.0	69	304	4.9					

ES Discharge estimated from another site.

09496500 CARRIZO CREEK NEAR SHOW LOW, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1952	2.10 16	2.10 16	2.10 15	2.20 14	3.20 14	4.30 11	4.40 9	9.80 13	31.00 16
1953	1.40 13	1.50 13	1.50 12	1.70 11	2.30 12	5.70 14	9.10 16	10.00 14	11.00 9
1954	1.19 11	1.30 10	1.50 13	1.80 12	2.80 13	4.40 12	5.00 10	5.50 10	20.00 13
1955	0.40 3	0.40 2	0.44 1	0.52 1	1.10 6	2.20 7	2.80 6	3.40 4	4.60 4
1956	0.50 5	0.50 5	0.50 2	0.62 2	0.67 1	1.00 1	2.10 3	3.40 5	4.40 3
1957	0.70 6	0.70 6	0.74 5	0.82 5	0.91 3	1.50 3	2.60 4	4.20 7	6.30 6
1958	1.10 10	1.30 11	1.40 10	2.70 15	5.00 16	5.80 15	6.00 12	6.40 11	19.00 12
1959	0.20 1	0.33 1	0.50 3	0.73 4	0.98 4	1.50 4	2.00 2	2.90 2	4.30 2
1960	1.30 12	1.40 12	1.50 11	1.50 9	2.20 10	6.40 16	6.60 13	8.30 12	15.00 10
1968	2.70 17	2.70 17	2.80 16	2.90 16	3.50 15	4.80 13	8.10 14	17.00 16	22.00 14
1969	0.96 9	0.97 9	1.10 9	1.50 10	2.30 11	4.00 10	5.00 11	5.30 9	15.00 11
1970	0.81 8	0.84 8	0.90 8	0.93 8	1.30 7	1.60 5	2.70 5	3.20 3	4.80 5
1971	0.45 4	0.48 4	0.53 4	0.70 3	0.71 2	1.00 2	1.60 1	2.70 1	3.90 1
1972	0.34 2	0.43 3	0.78 6	0.83 6	2.20 8	3.40 8	3.60 8	4.50 8	6.70 7
1973	1.80 15	1.90 15	7.30 17	7.80 17	11.00 17	21.00 17	28.00 17	31.00 17	104.00 17
1974	0.72 7	0.72 7	0.80 7	0.93 7	1.10 5	2.20 6	3.50 7	3.80 6	7.10 8
1975	1.50 14	1.60 14	1.80 14	2.00 13	2.20 9	3.80 9	8.10 15	12.00 15	31.00 15

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1952	9740.0 1	4180.0 1	2630.0 1	1360.0 1	872.0 1	453.0 2	384.0 2	319.0 2	219.0 2
1953	643.0 9	532.0 8	323.0 9	173.0 9	96.0 10	54.0 10	40.0 10	33.0 10	27.0 10
1954	1720.0 5	872.0 6	585.0 6	312.0 6	169.0 7	88.0 8	61.0 9	51.0 9	44.0 8
1955	190.0 15	94.0 15	88.0 13	66.0 12	43.0 12	25.0 14	17.0 14	14.0 14	11.0 14
1956	155.0 16	55.0 16	32.0 17	17.0 17	14.0 17	11.0 17	9.8 15	8.9 15	7.9 16
1957	374.0 12	272.0 11	139.0 11	90.0 11	59.0 11	51.0 11	38.0 11	31.0 11	22.0 11
1958	708.0 7	544.0 7	365.0 8	230.0 8	149.0 8	88.0 9	64.0 8	52.0 8	39.0 9
1959	283.0 14	131.0 14	67.0 15	35.0 16	22.0 15	12.0 16	8.4 17	7.6 17	7.4 17
1960	3280.0 4	1890.0 4	972.0 4	531.0 5	497.0 3	303.0 4	270.0 3	214.0 3	168.0 3
1968	959.0 6	903.0 5	744.0 5	605.0 4	474.0 4	357.0 3	251.0 4	195.0 4	137.0 4
1969	668.0 8	515.0 9	288.0 10	166.0 10	131.0 9	113.0 7	91.0 7	78.0 7	56.0 7
1970	346.0 13	147.0 13	69.0 14	39.0 15	21.0 16	13.0 15	9.2 16	8.3 16	8.2 15
1971	419.0 11	236.0 12	104.0 12	51.0 13	34.0 14	30.0 12	21.0 13	16.0 13	12.0 13
1972	3400.0 3	2130.0 3	1270.0 3	697.0 3	373.0 5	209.0 5	214.0 5	171.0 5	123.0 5
1973	5010.0 2	3090.0 2	1410.0 2	752.0 2	651.0 2	561.0 1	459.0 1	364.0 1	307.0 1
1974	64.0 17	53.0 17	43.0 16	40.0 14	36.0 13	27.0 13	22.0 12	20.0 12	17.0 12
1975	472.0 10	445.0 10	380.0 7	262.0 7	187.0 6	139.0 6	106.0 6	87.0 6	66.0 6

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
41.2	22.6	50.1	84.2	63.4	111	50.1	20.5	9.95	12.2	20.1	8.10
10490	1496	8594	33670	15040	21820	7569	1251	138	167	257	54.1
102	38.7	92.7	183	123	148	87.0	35.4	11.7	12.9	16.0	7.35
3.11	2.70	2.37	3.35	2.70	2.39	2.86	3.53	1.62	1.21	1.08	1.81
2.49	1.71	1.85	2.18	1.93	1.33	1.74	1.73	1.18	1.06	0.80	0.91
8.34	4.58	10.1	17.1	12.9	22.5	10.2	4.15	2.02	2.47	4.08	1.64

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
42.8	2471	49.7	1.90	1.16	0.006

GILA RIVER BASIN

307

09496600 CIBECUE NO. 1, TRIBUTARY TO CARRIZO CREEK, NEAR SHOW LOW, AZ

LOCATION.--Lat 33°59'28", long 110°19'27", in NW¼ sec.22, T.7 N., R.19 E. (unsurveyed), Gila County, in Fort Apache Indian Reservation, on an unnamed tributary to Carrizo Creek, on Cibecue Ridge, 3.0 mi (4.8 km) upstream from mouth of main stem and 25 mi (40 km) southwest of Show Low.

DRAINAGE AREA.--0.099 mi² (0.256 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1958	24	09-04-58		1.99	1959	4
1959	39	08-17-59		2.47	1960	6
1960	8.3	08-17-60		1.30	1961	4
1961	16	08-18-61		1.53	1962	4
1962	75	07-26-62	ES	4.20	1963	12
1963	127	08-26-63		5.22	1964	22
1964	134	07-31-64		5.33	1965	4
1965	38.3	09-03-65		3.21	1966	10
1966	76.5	07-23-66		4.23	1967	20
1967	165	07-27-67		5.71	1968	4
1968	27.2	08-09-68		2.83	1969	10
1969	61.0	08-02-69		3.85	1970	2
1970	15.9	07-23-70		2.35	1971	6

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1961	356			2				1		2	1	1	2					1																		
1962	358	2		1				1	1				1					1																		
1963	349	1				2		1		4	2	1	1	1	1							1														
1964	344	2	1	2		1	1	1		2	3	3	2	1						1				1												
1965	359	2			1		1							1						1																
1966	346	3	1		2	1		2		1	2	3	1	1					2																	
1967	348		1	1				1				2	3	2	1	1	1	1					1	1												
1968	358	3								2	1				2																					
1969	349	1	2	1		2			1	3	2	1		1						1																
1970	354	2	3				1		2	1	1	1																								
1971	355		1	1	1	1				3	1				1					1																

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	3876	4017	100.0	12	0.4	8	35	0.9	24				
1	0.01	16	141	3.5	13	0.5	8	27	0.7	25				
2	0.02	9	125	3.1	14	0.6	3	19	0.5	26				
3	0.03	8	116	2.9	15	0.7	1	16	0.4	27				
4	0.04	4	108	2.7	16	0.8	3	15	0.4	28				
5	0.05	7	104	2.6	17	1.0	0	12	0.3	29				
6	0.06	3	97	2.4	18	1.1	6	12	0.3	30				
7	0.07	7	94	2.3	19	1.3	0	6	0.1	31				
8	0.09	4	87	2.2	20	1.6	1	6	0.1	32				
9	0.10	20	83	2.1	21	1.9	3	5	0.1	33				
10	0.20	16	63	1.6	22	2.2	1	2	0.0	34				
11	0.30	12	47	1.2	23	2.7	1	1	0.0					

ES Discharge estimated from another site.

GILA RIVER BASIN

09496600 CIBECUE NO. 1, TRIBUTARY TO CARRIZO CREEK, NEAR SHOW LOW, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1959	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1
1960	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2
1961	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3
1962	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4
1963	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5
1964	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6
1965	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7
1966	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8
1967	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9
1968	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10
1969	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11
1970	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12
1971	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1961	0.4 10	0.1 10	0.1 10	0.1 10	0.0 8	0.0 10	0.0 7	0.0 7	0.0 7
1962	1.0 8	0.3 8	0.2 9	0.1 9	0.0 9	0.0 11	0.0 8	0.0 8	0.0 8
1963	2.0 3	0.7 3	0.4 3	0.2 3	0.1 3	0.1 3	0.1 3	0.0 3	0.0 3
1964	3.7 1	1.3 1	0.9 1	0.5 1	0.3 2	0.2 1	0.1 1	0.1 1	0.1 1
1965	1.1 7	0.4 7	0.2 7	0.1 8	0.0 10	0.0 7	0.0 9	0.0 9	0.0 9
1966	1.2 5	0.4 5	0.2 6	0.1 6	0.1 6	0.0 6	0.0 4	0.0 4	0.0 10
1967	2.7 2	1.2 2	0.6 2	0.5 2	0.3 1	0.2 2	0.1 2	0.1 2	0.1 2
1968	0.6 9	0.2 9	0.2 8	0.1 7	0.1 7	0.0 8	0.0 10	0.0 10	0.0 11
1969	1.6 4	0.5 4	0.3 4	0.1 5	0.1 4	0.1 4	0.0 5	0.0 5	0.0 4
1970	0.4 11	0.1 11	0.1 11	0.0 11	0.0 11	0.0 9	0.0 11	0.0 11	0.0 5
1971	1.1 6	0.4 6	0.3 5	0.2 4	0.1 5	0.0 5	0.0 6	0.0 6	0.0 6

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05	0.02
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.04	0.02
2.14	0.51	3.42	*****	*****	*****	*****	*****	3.08	2.37	1.00	1.33
1.94	1.18	3.18	*****	*****	*****	*****	*****	2.78	1.79	0.98	1.06
6.98	3.13	5.23	0.00	0.00	0.00	0.00	0.00	0.08	35.1	35.5	14.0

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
0.01	0.00	0.01	1.01	0.80	-0.111

***** Skewness and coefficient of variation could not be computed owing to a zero-value month.

GILA RIVER BASIN

309

09496700 CIBECUE NO. 2, TRIBUTARY TO CARRIZO CREEK, NEAR SHOW LOW, AZ

LOCATION.--Lat 33°59'17", long 110°18'38", in NE¼ sec.22, T.7 N., R.19 E. (unsurveyed), Gila County, in Fort Apache Indian Reservation, on an unnamed tributary to Carrizo Creek, on Cibecue Ridge, 2.0 mi (3.2 km) upstream from mouth of main stem and 25 mi (40 km) southwest of Show Low.

DRAINAGE AREA.--0.065 mi² (0.168 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1958	30	09-04-58	2.70	1959	6
1959	34	08-19-59	2.90	1960	8
1960	11	12-25-59	1.56	1961	2
1961	25	09-05-61	2.48	1962	4
1962	75	07-29-62	4.80	1963	18
1963	120	08-20-63		1964	12
1964	66.2	07-26-64	3.98	1965	2
1965	95.5	09-03-65	4.61	1966	8
1966	26.8	09-13-66	2.81	1967	6
1967	48.7	07-27-67	3.52	1968	2
1968	22.3	08-09-68	2.63	1969	4
1969	45.2	07-28-69	3.42	1970	4
1970	39.2	08-09-70	3.24	1971	6

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1961	354	3	1		2			1	1		2		1																						
1962	345	5	7	2			1	1		1	1	1				1																			
1963	345	2				1	1			3	4		1	4		2				1		1													
1964	348		1		1	2	1	2	1	2	2	2	1			1			1				1												
1965	359		1	1			1				2							1																	
1966	348	1	1		1	1	1	1	1	4	1	1	2			1		1																	
1967	354	2	1				1	1	1		2		1	1		1																			
1968	352	4	2	1	2	1			1	1		2																							
1969	345	4	2	3	1	2		1	2	2		2																							
1970	351	4		1	2	1			1	3		1	1																						
1971	355		1	1			1			1	2	1	1	2																					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	3856	4017	100.0	12	0.4	8	28	0.7	24				
1	0.01	23	161	4.0	13	0.5	7	20	0.5	25				
2	0.02	18	138	3.4	14	0.6	1	13	0.3	26				
3	0.03	10	120	3.0	15	0.7	6	12	0.3	27				
4	0.04	9	110	2.7	16	0.9	0	6	0.1	28				
5	0.05	8	101	2.5	17	1.0	3	6	0.1	29				
6	0.06	7	93	2.3	18	1.2	0	3	0.1	30				
7	0.07	7	86	2.1	19	1.4	1	3	0.1	31				
8	0.09	8	79	2.0	20	1.6	0	2	0.0	32				
9	0.10	19	71	1.8	21	1.9	2	2	0.0	33				
10	0.20	14	52	1.3	22	0.0	0	0	0.0	34				
11	0.30	10	38	0.9	23	0.0	0	0	0.0					

09496700 CIBECUE NO. 2, TRIBUTARY TO CARRIZO CREEK, NEAR SHOW LOW, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1959	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1
1960	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2
1961	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3
1962	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4
1963	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5
1964	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6
1965	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7
1966	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8
1967	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9
1968	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10
1969	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11
1970	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12
1971	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1961	0.4 10	0.2 10	0.1 11	0.0 10	0.0 10	0.0 8	0.0 11	0.0 6	0.0 8
1962	0.8 6	0.3 7	0.2 4	0.1 6	0.0 7	0.0 9	0.0 8	0.0 7	0.0 9
1963	2.4 1	0.8 1	0.5 2	0.3 2	0.2 1	0.1 1	0.1 1	0.1 1	0.1 1
1964	1.9 2	0.8 2	0.6 1	0.3 1	0.2 2	0.1 2	0.1 2	0.1 2	0.0 2
1965	1.0 4	0.4 5	0.2 6	0.1 8	0.0 8	0.0 10	0.0 9	0.0 8	0.0 10
1966	1.2 3	0.4 3	0.2 5	0.1 4	0.1 3	0.1 3	0.0 3	0.0 3	0.0 3
1967	0.8 5	0.4 4	0.2 3	0.2 3	0.1 4	0.0 4	0.0 4	0.0 4	0.0 4
1968	0.4 11	0.2 11	0.1 9	0.0 11	0.0 11	0.0 11	0.0 10	0.0 9	0.0 11
1969	0.6 7	0.2 8	0.1 7	0.1 7	0.1 5	0.0 6	0.0 5	0.0 10	0.0 5
1970	0.5 9	0.2 9	0.1 10	0.1 9	0.0 9	0.0 7	0.0 6	0.0 11	0.0 6
1971	0.6 8	0.3 6	0.1 8	0.1 5	0.1 6	0.0 5	0.0 7	0.0 5	0.0 7

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.02
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.01	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.06	0.02
1.73	1.27	3.30	1.84	2.14	3.43	*****	3.61	*****	3.03	2.76	0.93
1.36	1.43	2.87	1.93	2.36	3.08	*****	3.61	*****	1.80	1.47	1.04
5.86	2.39	9.60	1.00	0.22	0.54	0.00	0.13	0.00	20.1	42.1	18.1

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.01	0.00	0.01	1.79	0.84	0.183

***** Skewness and coefficient of variation could not be computed owing to a zero-value month.

GILA RIVER BASIN

311

09497500 SALT RIVER NEAR CHRYSOTILE, AZ

LOCATION.--Lat 33°47'53", long 110°29'57", in sec.25, T.5 N., R.17 E. (unsurveyed), Gila County, Hydrologic Unit 15060103, in San Carlos Indian Reservation, on left bank 1,200 ft (366 m) upstream from bridge on U.S. Highway 60, 5.7 mi (9.2 km) northeast of Chrysotile, 8 mi (13 km) upstream from Cibecue Creek, and 33 mi (53 km) downstream from confluence of Black and White Rivers.

DRAINAGE AREA.--2,849 mi² (7,379 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1916	74000	01-19-16	HP	18.	1925	270000
1925	6930	03-08-25		6.5	1926	606000
1926	13600	04-06-26		8.5	1927	573000
1927	19900	02-17-27		9.9	1928	235000
1928	1670	07-21-28		3.58	1929	304000
1929	11500	09-23-29		7.95	1930	396000
1930	11700	08-11-30		8.0	1931	440000
1931	7400	02-15-31		6.67	1932	903000
1932	40000	02-10-32		13.3	1933	362000
1933	2880	02-28-33		4.40	1934	197000
1934	3850	08-20-34		6.20	1935	647000
1935	15700	04-09-35		9.00	1936	559000
1936	13200	02-17-36		8.40	1937	675000
1937	52900	02-07-37		15.18	1938	289000
1938	19000	03-04-38		9.68	1939	293000
1939	8530	04-05-39		7.10	1940	252000
1940	6300	08-15-40		6.40	1941	1458000
1941	52200	03-14-41		15.08	1942	481000
1942	5380	01-13-42		5.89	1943	431000
1943	12800	03-05-43		8.32	1944	250000
1944	2380	10-19-43		4.14	1945	490000
1945	4450	03-27-45		5.41	1946	247000
1946	9600	09-19-46		7.44	1947	246000
1947	8160	09-18-47		6.97	1948	421000
1948	5730	04-12-48		6.04	1949	616000
1949	14200	01-14-49		8.65	1950	165000
1950	2500	07-21-50		4.28	1951	134000
1951	5150	08-29-51		5.79	1952	922000
1952	51500	01-14-52		15.0	1953	192000
1953	3680	07-30-53		5.01	1954	281000
1954	28700	03-23-54		11.70	1955	175000
1955	8820	08-23-55		7.18	1956	184000
1956	1640	01-29-56		3.58	1957	295000
1957	3760	08-02-57		5.05	1958	649000
1958	19700	03-22-58		9.85	1959	189000
1959	7290	08-20-59		6.78	1960	590000
1960	26200	12-26-59		11.45	1961	136000
1961	2130	08-30-61		3.93	1962	610000
1962	5630	01-25-62		6.12	1963	311000
1963	6220	02-11-63		6.48	1964	238000
1964	2780	07-26-64		4.43	1965	614000
1965	15800	01-08-65		9.26	1966	817000
1966	41100	12-30-65		14.32	1967	230000
1967	5060	08-12-67		5.65	1968	666000
1968	8730	01-28-68		7.10	1969	405000
1969	4940	10-04-68		5.62	1970	244000
1970	5000	09-06-70		5.65	1971	162000
1971	20400	09-13-71		10.27	1972	345000
1972	23300	12-26-71		11.26	1973	1320000
1973	42100	10-20-72		14.19	1974	160000
1974	1680	08-06-74		3.59	1975	512000
1975	7080	10-29-74		6.49		

HP Isolated historic peak; not part of systematic record.

GILA RIVER BASIN

09497500 SALT RIVER NEAR CHRYSOTILE, AZ--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1925						1	10	10	6	88	39	25	16	31	19	8	7	5	2		3	1	2	2												
1926						13	33	73	64	38	30	10	5	9	5	10	14	7	7	6	15	15	6	2	2			1								
1927						20	60	41	50	38	20	20	8	7	3	6	24	11	29	12	11	1	1				1	1								
1928				11	18	28	118	43	19	22	20	19	37	23	4	2	2																			
1929				14	18	41	105	35	13	15	30	24	14	14	18	7	6	3	3	1		1	1	1	1	1										
1930					11	29	51	48	32	33	15	40	30	19	8	12	8	5	12	8	1	2					1									
1931					10	61	63	17	20	22	25	27	20	14	15	21	14	8	13	8	1	3	1	1	1	1										
1932						7	17	34	33	45	44	28	18	15	24	6	11	13	14	20	20	12	1	1					2							
1933						6	86	63	35	26	20	19	15	23	16	20	17	15	4																	
1934				28	12	37	89	88	39	22	24	6	2	4	1	6	5	2																		
1935					16	63	36	18	17	22	19	13	10	20	30	21	10	11	12	14	16	11	2	1			1	2								
1936						54	92	37	28	18	10	9	5	13	10	9	7	17	21	13	8	4	9	1				1								
1937						22	75	81	41	15	5	8	6	6	5	13	12	22	9	14	8	7	7	6			1									
1938				14	10	86	96	30	16	18	14	7	12	22	23	4	3	4	2	1		1	1													
1939				5	38	75	72	46	24	14	15	7	9	7	10	11	2	3	2	7	13	2	2			1										
1940				2	15	26	85	59	33	24	18	17	19	13	20	14	12	7		2																
1941						3	21	27	19	14	25	20	18	11	17	24	8	24	22	17	16	22	18	13	8	11	1	1	3							
1942					5	34	24	18	26	32	51	39	29	18	15	19	13	16	11	7	5	2	1													
1943					18	49	70	44	28	24	10	19	13	7	9	28	15	5	9	12	1				2											
1944					8	25	92	95	21	13	17	9	7	22	20	15	11	5	6																	
1945					17	17	27	81	48	26	14	27	22	8	6	8	4	10	22	14	5	4	5													
1946				10	11	21	37	54	51	38	23	24	18	29	25	8	5	4	1	1	1	1		1		1		1								
1947				4	23	25	6	7	19	55	52	55	59	25	22	4	4	1		1	2															
1948				3	20	35	10	10	60	74	20	14	11	11	24	12	12	7	5	6	8	6	4	6	6	2										
1949					33	30	30	19	24	11	30	20	16	15	19	10	10	19	18	18	17	7	14	3			1	1								
1950					11	43	35	80	75	29	23	11	27	12	9	10																				
1951				4	20	21	68	69	68	27	31	21	19	6	2	5		2		1			1													
1952					12	9	18	36	50	33	9	20	18	12	8	12	27	14	10	5	13	8	5	13	16	8	3	1	2			1		3		
1953					12	25	19	28	71	84	21	27	23	12	10	12	10	2	4		1	2	2													
1954					18	14	61	43	63	4	36	35	12	11	37	4	3	3	5	6	2	2	2		1		1									
1955				16	7	12	53	82	86	33	27	7	4	7	3	2	1	3	10	4	3	2	2	1												
1956				12	32	23	24	44	78	29	11	15	12	14	31	21	7	8	5																	
1957				6	16	9	59	30	15	15	19	7	20	33	25	41	37	17	4	4	3	3	2													
1958					4	16	20	29	56	53	34	15	12	12	7	6	12	11	6	7	8	27	9	4	4	5	5	2		1						
1959				4	23	39	12	21	61	81	56	19	11	8	5	4	3	5	2	1	5	3	1		1											
1960					6	23	33	30	24	25	18	12	15	28	9	21	26	15	17	7	9	15	6	13	7	1	2	1		1			2			
1961					18	36	31	40	112	46	23	13	13	17	7	4	3	2																		
1962					7	7	32	20	18	31	30	17	21	20	20	16	10	15	21	14	17	8	9	10	8	5	9									
1963					12	22	19	14	37	60	32	11	22	12	26	18	26	19	19	3	8	3			1	1										
1964					3	14	20	15	80	49	32	38	26	18	16	13	12	10	7	9	4															
1965						1	31	63	40	16	15	14	17	23	23	19	19	17	16	11	21	9	3	4	2											
1966					22	15	42	21	21	19	22	21	33	16	20	11	23	12	8	10	7	10	9	6	10	1	2	1								
1967				4	6	9	31	28	96	58	28	26	16	3	6	6	15	9	11	5	3	1	3	1												
1968					4	14	43	35	33	23	24	20	16	16	13	11	13	9	16	26	25	10	5	5	2	2	1									
1969					5	16	39	38	40	32	16	12	32	26	20	11	24	9	11	10	4	10	8	2												
1970					10	23	32	107	56	21	12	12	19	27	20	19	5																			
1971					17	29	17	43	65	80	49	22	13	6	6	5	3	3	4	1	1															
1972					3	16	15	39	44	23	37	25	34	40	29	18	5	6	4	6	8	3	3	2	2		3									
1973					4	8	8	9	3	8	13	16	28	39	34	21	14	11	11	18	15	22	14	20	10	10	11	12	1	4						
1974					17	13	25	44	54	90	33	21	22	20	10	11	3	2																		
1975					3	17	18	39	42	48	21	26	16	11	8	21	3	16	7	22	14	13	12	5	3											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	18627	100.0	12	450.0	937	5643	30.3	24	4600	83	201	1.0
1	55.00	46	18627	100.0	13	550.0	790	4706	25.3	25	5500	39	118	.6
2	67.00	234	18581	99.8	14	670.0	658	3916	21.0	26	6700	34	79	.4
3	81.00	412	18347	98.5	15	810.0	539	3258	17.5	27	8100	13	45	.2
4	98.00	906	17935	96.3	16	980.0	520	2719	14.6	28	9800	10	32	.1
5	120.00	1126	17029	91.4	17	1200.0	353	2199	11.8	29	12000	4	22	.1
6	140.00	2274	15903	85.4	18	1400.0	372	1846	9.9	30	14000	7	18	
7	170.00	2735	13629	73.2	19	1700.0	369	1474	7.9	31	17000	1	11	
8	210.00	1954	10894	58.5	20	2100.0	347	1105	5.9	32	21000	6	10	
9	260.00	1236	8940	48.0	21	2600.0	228	758	4.1	33	26000	2	4	
10	310.00	1072	7704	41.4	22	3100.0	200	530	2.8	34	31000	2	2	
11	380.00	989	6632	35.6	23	3800.0	129	330	1.8					

GILA RIVER BASIN

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09497500 SALT RIVER NEAR CHRYSOTILE, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1925	127.00 41	146.00 46	155.00 45	174.00 49	193.00 49	200.00 45	203.00 40	204.00 32	310.00 20
1926	153.00 49	156.00 48	160.00 49	164.00 47	197.00 50	232.00 50	246.00 48	267.00 42	468.00 33
1927	157.00 50	157.00 50	159.00 48	162.00 45	172.00 46	177.00 38	198.00 37	217.00 35	784.00 44
1928	108.00 36	110.00 36	113.00 34	116.00 30	132.00 30	190.00 43	196.00 36	197.00 28	316.00 21
1929	106.00 34	108.00 34	109.00 30	113.00 29	126.00 28	177.00 39	174.00 29	177.00 24	238.00 13
1930	120.00 38	124.00 39	128.00 39	143.00 41	170.00 44	184.00 40	205.00 42	237.00 38	490.00 35
1931	130.00 42	134.00 41	140.00 43	144.00 42	149.00 38	171.00 34	175.00 30	175.00 20	399.00 27
1932	183.00 52	187.00 52	199.00 52	221.00 52	291.00 52	366.00 52	429.00 51	420.00 50	946.00 49
1933	143.00 47	156.00 49	172.00 50	183.00 50	189.00 48	194.00 44	204.00 41	211.00 33	421.00 29
1934	98.00 29	100.00 30	102.00 28	103.00 24	114.00 22	129.00 17	148.00 14	176.00 22	219.00 11
1935	133.00 44	134.00 42	136.00 41	137.00 39	140.00 34	147.00 25	153.00 21	294.00 45	846.00 47
1936	145.00 48	149.00 47	158.00 47	163.00 46	165.00 43	186.00 42	188.00 32	188.00 26	668.00 39
1937	140.00 46	143.00 45	155.00 46	170.00 48	187.00 47	206.00 47	215.00 44	222.00 37	880.00 48
1938	106.00 35	109.00 35	116.00 35	124.00 35	136.00 32	169.00 33	176.00 31	177.00 23	367.00 25
1939	91.00 26	93.00 25	95.00 23	101.00 22	106.00 19	126.00 16	140.00 11	146.00 7	345.00 24
1940	96.00 27	98.00 27	104.00 29	117.00 31	153.00 39	162.00 29	161.00 26	167.00 17	323.00 22
1941	164.00 51	164.00 51	172.00 51	185.00 51	209.00 51	330.00 51	440.00 52	633.00 52	1860.00 52
1942	130.00 43	135.00 43	139.00 42	150.00 43	155.00 40	185.00 41	226.00 45	239.00 39	666.00 38
1943	121.00 39	121.00 38	122.00 37	135.00 37	142.00 35	164.00 30	203.00 38	212.00 34	486.00 34
1944	99.00 30	103.00 31	111.00 32	137.00 38	142.00 36	160.00 28	170.00 27	175.00 21	283.00 17
1945	125.00 40	127.00 40	132.00 40	140.00 40	159.00 42	224.00 48	244.00 47	254.00 40	548.00 36
1946	67.00 8	70.00 9	74.00 11	77.00 8	88.00 12	115.00 11	151.00 17	185.00 25	243.00 14
1947	77.00 18	79.00 19	82.00 18	87.00 16	96.00 14	101.00 8	151.00 18	201.00 29	287.00 18
1948	74.00 13	75.00 13	80.00 16	89.00 17	102.00 17	165.00 31	172.00 28	173.00 18	432.00 30
1949	98.00 28	99.00 28	101.00 25	103.00 23	116.00 24	131.00 18	211.00 43	395.00 49	814.00 45
1950	81.00 20	82.00 20	86.00 20	94.00 20	100.00 16	125.00 15	153.00 22	148.00 8	217.00 9
1951	62.00 6	62.00 6	65.00 6	67.00 4	74.00 3	101.00 9	119.00 7	124.00 3	146.00 1
1952	90.00 24	91.00 23	92.00 21	94.00 21	115.00 23	149.00 26	156.00 24	334.00 47	1240.00 50
1953	75.00 16	76.00 15	76.00 12	77.00 9	87.00 10	143.00 23	157.00 25	163.00 16	251.00 15
1954	75.00 17	75.00 14	76.00 13	77.00 10	85.00 8	100.00 7	106.00 3	111.00 1	386.00 26
1955	56.00 3	56.00 2	57.00 1	59.00 1	81.00 6	93.00 4	112.00 5	129.00 4	147.00 3
1956	55.00 1	55.00 1	57.00 2	60.00 2	69.00 1	107.00 10	115.00 6	112.00 2	231.00 12
1957	56.00 2	59.00 3	62.00 3	66.00 3	78.00 4	95.00 5	101.00 1	174.00 19	332.00 23
1958	90.00 25	96.00 26	101.00 26	112.00 27	123.00 25	175.00 37	203.00 39	218.00 36	703.00 41
1959	60.00 5	61.00 4	65.00 4	72.00 5	73.00 2	82.00 1	101.00 2	130.00 5	146.00 2
1960	74.00 14	77.00 16	79.00 15	89.00 18	106.00 20	124.00 14	121.00 9	153.00 11	444.00 31
1961	72.00 12	74.00 12	77.00 14	84.00 13	87.00 11	93.00 2	107.00 4	135.00 6	175.00 6
1962	67.00 7	67.00 7	71.00 7	85.00 14	104.00 18	138.00 19	154.00 23	196.00 27	781.00 43
1963	70.00 11	71.00 10	73.00 10	78.00 11	85.00 9	98.00 6	134.00 10	202.00 30	417.00 28
1964	75.00 15	78.00 17	85.00 19	93.00 19	97.00 15	143.00 24	150.00 15	161.00 15	208.00 8
1965	134.00 45	140.00 44	151.00 44	159.00 44	172.00 45	172.00 35	195.00 35	375.00 48	749.00 42
1966	99.00 31	99.00 29	101.00 27	108.00 25	138.00 33	205.00 46	236.00 46	261.00 41	696.00 40
1967	59.00 4	61.00 5	65.00 5	81.00 12	89.00 13	119.00 13	142.00 12	157.00 13	177.00 7
1968	116.00 37	118.00 37	123.00 38	131.00 36	158.00 41	174.00 36	281.00 49	318.00 46	836.00 46
1969	88.00 22	89.00 22	95.00 22	109.00 26	123.00 26	140.00 22	151.00 16	283.00 44	451.00 32
1970	100.00 32	105.00 32	110.00 31	117.00 32	126.00 29	157.00 27	191.00 33	202.00 31	259.00 16
1971	69.00 9	71.00 11	72.00 9	75.00 6	81.00 7	93.00 3	120.00 8	148.00 9	172.00 5
1972	79.00 19	79.00 18	82.00 17	87.00 15	108.00 21	138.00 20	148.00 13	151.00 10	169.00 4
1973	86.00 21	87.00 21	119.00 36	122.00 34	146.00 37	229.00 49	314.00 50	497.00 51	1710.00 51
1974	70.00 10	70.00 8	71.00 8	75.00 7	80.00 5	117.00 12	152.00 19	157.00 14	218.00 10
1975	90.00 23	92.00 24	99.00 24	113.00 28	125.00 27	166.00 32	195.00 34	280.00 43	560.00 37

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1925	3660.0 32	3050.0 32	2260.0 31	1400.0 36	1020.0 36	687.0 41	544.0 42	463.0 41	483.0 35
1926	9520.0 14	7140.0 12	5550.0 10	4170.0 9	3860.0 6	3100.0 6	2450.0 7	1960.0 11	1390.0 13
1927	16700.0 7	11000.0 8	6230.0 8	3980.0 10	2880.0 13	2320.0 14	2190.0 13	1820.0 14	1310.0 15
1928	1250.0 47	1190.0 47	1020.0 47	871.0 47	774.0 43	698.0 39	628.0 37	572.0 36	447.0 39
1929	6220.0 21	4230.0 25	2660.0 30	1820.0 29	1290.0 30	886.0 33	709.0 34	583.0 35	609.0 29
1930	6080.0 22	4220.0 26	2950.0 28	2280.0 27	2050.0 25	1530.0 23	1220.0 24	1030.0 24	839.0 24
1931	5700.0 24	4170.0 27	2760.0 29	1830.0 28	1640.0 27	1390.0 26	1250.0 23	1070.0 23	849.0 23
1932	30800.0 3	18100.0 3	9950.0 3	6150.0 5	4530.0 5	3830.0 3	3320.0 3	2710.0 4	1970.0 5
1933	2010.0 42	1860.0 39	1690.0 38	1530.0 34	1400.0 29	1210.0 28	1120.0 27	969.0 26	769.0 26
1934	1420.0 46	1410.0 46	1260.0 42	1120.0 40	752.0 45	505.0 45	388.0 48	320.0 48	310.0 45
1935	9330.0 15	6950.0 13	4520.0 13	3710.0 14	3080.0 10	2510.0 10	2330.0 8	1990.0 10	1520.0 9
1936	8890.0 16	5530.0 19	4150.0 17	3750.0 13	3050.0 11	2440.0 11	2250.0 11	1870.0 12	1310.0 16
1937	25000.0 5	15100.0 6	7130.0 6	4480.0 8	3110.0 9	2800.0 7	2820.0 4	2350.0 6	1650.0 6
1938	12600.0 10	6670.0 14	3720.0 21	2440.0 25	1670.0 26	1230.0 27	960.0 29	774.0 29	599.0 30
1939	5870.0 23	4260.0 24	3200.0 25	2660.0 23	2280.0 22	1530.0 24	1140.0 25	916.0 27	659.0 27
1940	1820.0 43	1450.0 44	1230.0 43	1120.0 41	994.0 38	835.0 35	710.0 33	633.0 32	484.0 34
1941	31100.0 2	24000.0 1	13700.0 1	8270.0 1	6150.0 1	5520.0 1	4820.0 1	4100.0 1	3520.0 1
1942	3890.0 31	3620.0 29	3110.0 26	2650.0 24	2190.0 23	1730.0 21	1410.0 21	1220.0 21	1000.0 19
1943	8720.0 17	7320.0 11	4480.0 14	3120.0 18	2360.0 21	1870.0 20	1540.0 20	1340.0 19	976.0 20
1944	1520.0 45	1450.0 45	1300.0 41	1270.0 37	1080.0 35	887.0 32	783.0 31	659.0 31	493.0 33
1945	4470.0 28	4340.0 23	3840.0 19	3210.0 17	2630.0 17	2300.0 15	1810.0 17	1490.0 18	1080.0 18
1946	7200.0 20	5350.0 20	3260.0 24	1810.0 30	1210.0 33	840.0 34	612.0 38	485.0 39	442.0 40
1947	3500.0 33	2680.0 34	1760.0 37	995.0 43	669.0 47	487.0 48	445.0 44	406.0 43	394.0 41
1948	5150.0 25	4800.0 22	4430.0 15	3920.0 11	3040.0 12	2060.0 18	1580.0 19	1270.0 20	905.0 21
1949	7740.0 18	5630.0 18	3660.0 22	3420.0 16	2780.0 15	2390.0 12	2030.0 14	1820.0 13	1430.0 11
1950	760.0 51	739.0 51	705.0 50	635.0 49	531.0 49	501.0 46	425.0 46	368.0 45	300.0 46
1951	2630.0 38	1710.0 40	1040.0 45	594.0 50	378.0 51	326.0 51	285.0 51	254.0 51	238.0 50
1952	25900.0 4	19400.0 2	13200.0 2	7720.0 2	4870.0 3	3450.0 5	2690.0 6	2960.0 3	2340.0 3
1953	2580.0 39	2360.0 37	1770.0 36	1150.0 39	951.0 40	698.0 40	563.0 40	475.0 40	380.0 43
1954	16300.0 8	11900.0 7	6600.0 7	3810.0 12	2370.0 20	1390.0 25	989.0 28	789.0 28	647.0 28
1955	2660.0 37	2520.0 35	1970.0 34	1590.0 32	1240.0 32	764.0 36	546.0 41	432.0 42	345.0 44
1956	1080.0 48	1060.0 48	1000.0 48	899.0 45	756.0 44	639.0 42	573.0 39	502.0 38	386.0 42
1957	2440.0 40	2020.0 38	1650.0 39	1260.0 38	996.0 37	701.0 38	675.0 35	614.0 33	545.0 31
1958	11900.0 11	8040.0 10	6200.0 9	5080.0 6	3800.0 7	3460.0 4	2750.0 5	2220.0 7	1530.0 8
1959	4160.0 30	2970.0 33	1860.0 35	1530.0 33	955.0 39	594.0 44	432.0 45	343.0 46	285.0 48
1960	15900.0 9	9720.0 9	4780.0 12	2740.0 21	2610.0 18	1910.0 19	1760.0 18	1800.0 15	1390.0 14
1961	858.0 49	810.0 50	701.0 51	574.0 51	497.0 50	386.0 50	317.0 50	277.0 50	232.0 51
1962	5030.0 26	5000.0 21	4900.0 11	4560.0 7	3710.0 8	2570.0 9	2260.0 10	2000.0 9	1490.0 10
1963	4520.0 27	3290.0 32	2120.0 32	1490.0 35	1100.0 34	987.0 31	857.0 30	714.0 30	541.0 32
1964	1690.0 44	1490.0 43	1340.0 40	1090.0 42	816.0 42	607.0 43	479.0 43	390.0 44	449.0 38
1965	11100.0 12	5930.0 16	4270.0 16	3430.0 15	2870.0 14	2320.0 13	1980.0 15	1790.0 16	1410.0 12
1966	24600.0 6	16900.0 5	8840.0 5	7370.0 3	4760.0 4	2790.0 8	2240.0 12	2470.0 5	2020.0 4
1967	2720.0 36	2460.0 36	1990.0 33	1660.0 31	1280.0 31	1010.0 30	749.0 32	587.0 34	458.0 36
1968	7610.0 19	5890.0 17	3780.0 20	2800.0 20	2570.0 19	2300.0 16	2330.0 9	2110.0 8	1590.0 7
1969	3210.0 35	3120.0 31	2990.0 27	2730.0 22	2190.0 24	1610.0 22	1280.0 22	1160.0 22	894.0 22
1970	2300.0 41	1610.0 42	1040.0 46	930.0 44	846.0 41	750.0 37	670.0 36	562.0 37	449.0 37
1971	3220.0 34	1680.0 41	1120.0 44	898.0 46	740.0 46	501.0 47	370.0 49	300.0 49	272.0 49
1972	10900.0 13	6480.0 15	3880.0 18	2380.0 26	1580.0 28	1100.0 29	1140.0 26	997.0 25	782.0 25
1973	32400.0 1	17700.0 4	9450.0 4	6890.0 4	6120.0 2	4990.0 2	4280.0 2	3700.0 2	2780.0 2
1974	857.0 50	820.0 49	718.0 49	660.0 48	572.0 48	461.0 49	393.0 47	342.0 47	289.0 47
1975	4250.0 29	3830.0 28	3500.0 23	2990.0 19	2660.0 16	2280.0 17	1950.0 16	1620.0 17	1160.0 17

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
312	245	403	511	722	1259	1641	861	287	217	418	344
189700	24680	395000	509900	640700	961500	1604000	904200	53260	11710	64710	65360
436	157	628	714	800	981	1267	951	231	108	254	256
4.69	2.46	4.39	3.54	2.04	1.63	0.67	3.03	2.36	1.35	1.57	1.75
1.40	0.64	1.56	1.40	1.11	0.78	0.77	1.10	0.80	0.50	0.61	0.74
4.32	3.39	5.58	7.08	10.00	17.4	22.7	11.9	3.97	3.01	5.79	4.76

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
601	152200	390	1.70	0.65	-0.190

GILA RIVER BASIN

315

09497800 CIBECUE CREEK NEAR CHRYSOTILE, AZ

LOCATION.--Lat 33°50'35", long 110°33'25", in E½ sec.8, T.5 N., R.17 E. (unsurveyed), Gila County, Hydrologic Unit 15060103, in Fort Apache Indian Reservation, on right bank 0.5 mi (0.8 km) upstream from mouth and 7 mi (11 km) north of Chrysotile.

DRAINAGE AREA.--295 mi² (764 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1959	4600	07-29-59	7.70	1960	45700
1960	7080	12-26-59	9.30	1961	11700
1961	1440	07-21-61	5.00	1962	20000
1962	519	09-24-62	3.68	1963	16200
1963	8180	08-31-63	10.50	1964	19100
1964	7600	07-29-64	10.04	1965	26800
1965	2950	01-07-65	6.40	1966	47900
1966	8800	12-30-65	10.70	1967	15600
1967	2960	07-27-67	6.30	1968	46400
1968	1200	03-10-68	4.60	1969	25900
1969	6580	08-12-69	9.30	1970	14600
1970	3640	09-06-70	6.90	1971	16600
1971	5440	09-01-71	8.40	1972	19700
1972	1650	10-17-71	5.20	1973	87000
1973	6880	10-19-72	9.53	1974	13900
1974	3180	07-19-74	6.50	1975	23300
1975	3180	10-29-74	6.5		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1960		2	4	14	29	19	29	39	27	16	26	22	20	22	23	17	12	4	15		7	9	2		1	2			1		2	2			
1961		5	45	27	16	30	115	53	21	19	10	4	8	4	2	2	1				1		1		1										
1962				25	33	26	117	32	9	15	9	11	20	16	12	13	8	7	11		1														
1963		11	42	20	7	10	117	47	30	32	16	8	4	3	4	3	3	1	3			1		2											
1964			11	17	27	79	103	20	25	16	9	6	12	11	7	5	3	3	2	3	1	4				1	1								
1965				3	48	97	41	32	6	30	20	14	5	18	17	9	7	8	6	1			1		1										
1966				2	17	25	60	27	17	40	26	23	37	23	16	7	8	5	8	10	3	4	1	1				1		2			1		
1967				12	32	33	59	113	23	41	13	9	3	4	6	5	3	2	1	4	2														
1968		6	8	2		3	82	51	9	31	32	12	14	7	8	12	8	10	15	21	14	10	3	4	3	1									
1969					3	41	97	48	21	30	18	44	18	6	13	5	9	3	3			1	3	1	1										
1970			5	56	19	22	46	60	76	37	17	4	8	5	2	3	2				1	1							1						
1971				66	16	71	01	112	9	8	18	2	3	5	5	1	3	2	1	2			1		1			1	1						
1972		1	41	12	13	57	36	49	31	45	29	4	10	6	6	3	4	9	2	3	1	1			2	1									
1973					3	24	12	22	43	22	57	33	16	12	8	8	8	21	19	17	15	13			3	2		3	1	1			1		
1974				40	50	38	36	85	61	26	10	11	4	1	1										1										
1975					10	113	69	37	22	16	15	11	9	20	12	14	9	5	1				1												

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5844	100.0	12	37.0	276	1246	21.3	24	420	13	42	.7
1	4.00	25	5844	100.0	13	46.0	175	970	16.6	25	510	5	29	.4
2	5.00	156	5819	99.6	14	56.0	152	795	13.6	26	620	5	24	.4
3	6.10	253	5663	96.9	15	68.0	126	643	11.0	27	760	6	19	.3
4	7.50	252	5410	92.6	16	83.0	91	517	8.8	28	930	1	13	.2
5	9.20	422	5158	88.3	17	100.0	76	426	7.3	29	1100	6	12	.2
6	11.00	1157	4736	81.0	18	120.0	82	350	6.0	30	1400	3	6	.1
7	14.00	870	3579	61.2	19	150.0	84	268	4.6	31	1700		3	
8	17.00	491	2709	46.4	20	190.0	52	184	3.1	32	2100	1	3	
9	20.00	432	2218	38.0	21	230.0	41	132	2.3	33	2500	1	2	
10	25.00	350	1786	30.6	22	280.0	27	91	1.6	34	3100	1	1	
11	31.00	190	1436	24.6	23	340.0	22	64	1.1					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1960	4.40 2	4.60 3	5.30 4	6.50 7	8.00 8	11.00 9	14.00 12	16.00 11	21.00 9
1961	4.40 3	4.40 2	4.60 1	4.80 1	4.90 1	5.40 1	6.90 2	11.00 4	12.00 3
1962	6.30 8	6.30 8	6.90 9	8.10 10	9.30 11	11.00 10	11.00 8	11.00 5	24.00 10
1963	4.90 4	4.90 4	4.90 3	5.10 2	5.20 2	5.70 2	6.80 1	8.50 1	13.00 5
1964	5.60 7	5.60 7	5.80 7	5.90 5	7.10 6	8.20 6	11.00 9	11.00 6	13.00 6
1965	8.90 14	9.10 14	9.50 14	10.00 14	10.00 13	11.00 11	12.00 10	18.00 13	34.00 16
1966	6.90 11	7.10 11	7.80 11	8.10 11	9.10 10	11.00 12	14.00 13	18.00 14	27.00 11
1967	6.70 10	6.90 10	7.10 10	7.30 9	7.70 7	8.60 7	10.00 6	11.00 7	12.00 4
1968	4.10 1	4.10 1	4.80 2	5.50 3	11.00 14	12.00 13	19.00 16	19.00 15	31.00 14
1969	10.00 16	11.00 16	11.00 15	11.00 15	11.00 15	15.00 16	17.00 15	24.00 16	31.00 15
1970	5.10 6	5.30 5	5.70 6	6.30 6	6.40 4	6.80 4	8.60 5	11.00 8	14.00 7
1971	6.50 9	6.50 9	6.50 8	6.60 8	6.60 5	6.60 3	7.30 3	8.50 2	10.00 1
1972	4.90 5	5.30 6	5.60 5	5.60 4	5.60 3	7.50 5	8.00 4	9.30 3	12.00 2
1973	11.00 17	12.00 17	15.00 17	15.00 17	16.00 17	20.00 17	24.00 17	26.00 17	85.00 17
1974	8.00 13	8.00 12	8.10 12	8.20 12	8.50 9	9.30 8	11.00 7	15.00 9	16.00 8
1975	9.50 15	10.00 15	11.00 16	12.00 16	12.00 16	12.00 14	13.00 11	15.00 10	30.00 13

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1960	1580.0 3	942.0 3	472.0 3	262.0 3	249.0 3	157.0 4	146.0 4	127.0 4	110.0 3
1961	395.0 13	232.0 13	112.0 14	65.0 15	42.0 15	28.0 15	23.0 16	20.0 16	19.0 16
1962	157.0 16	147.0 16	136.0 13	126.0 10	97.0 9	81.0 6	69.0 7	57.0 7	42.0 8
1963	1220.0 4	440.0 6	225.0 9	165.0 6	110.0 6	65.0 11	46.0 12	36.0 12	28.0 12
1964	723.0 9	293.0 12	205.0 10	151.0 7	99.0 7	77.0 8	60.0 10	47.0 10	40.0 10
1965	1140.0 5	595.0 4	306.0 4	167.0 5	111.0 5	86.0 5	73.0 5	80.0 5	59.0 5
1966	3890.0 1	1690.0 2	843.0 2	691.0 1	423.0 1	235.0 2	169.0 2	152.0 3	109.0 4
1967	226.0 15	150.0 15	111.0 15	72.0 14	59.0 14	45.0 14	34.0 14	28.0 13	23.0 14
1968	602.0 10	416.0 7	295.0 5	238.0 4	237.0 4	196.0 3	165.0 3	153.0 2	112.0 2
1969	460.0 12	371.0 10	233.0 6	151.0 8	98.0 8	74.0 10	69.0 6	59.0 6	45.0 6
1970	831.0 6	373.0 9	192.0 11	123.0 12	70.0 13	48.0 13	35.0 13	28.0 14	24.0 13
1971	800.0 8	505.0 5	230.0 7	124.0 11	85.0 12	75.0 9	54.0 11	42.0 11	31.0 11
1972	578.0 11	393.0 8	226.0 8	147.0 9	94.0 10	62.0 12	64.0 8	56.0 8	43.0 7
1973	3090.0 2	1730.0 1	863.0 1	463.0 2	359.0 2	305.0 1	264.0 1	216.0 1	175.0 1
1974	364.0 14	193.0 14	93.0 16	50.0 16	34.0 16	27.0 16	26.0 15	24.0 15	22.0 15
1975	810.0 7	294.0 11	164.0 12	113.0 13	94.0 11	79.0 7	61.0 9	50.0 9	41.0 9

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
44.9	22.5	59.3	45.1	44.9	71.3	56.3	22.7	11.8	23.2	34.2	29.3
4465	223	8257	1778	2439	6643	4376	885	56.8	259	587	484
66.8	14.9	90.9	42.2	49.4	81.5	66.1	29.7	7.54	16.1	24.2	22.0
3.17	2.28	2.95	1.42	2.18	2.07	2.64	3.57	2.57	1.71	1.94	1.68
1.49	0.66	1.53	0.94	1.10	1.14	1.17	1.31	0.64	0.69	0.71	0.75
9.64	4.84	12.7	9.68	9.65	15.3	12.1	4.87	2.54	4.99	7.34	6.30

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
38.9	741	27.2	2.05	0.70	-0.259

GILA RIVER BASIN

317

09497900 CHERRY CREEK NEAR YOUNG, AZ

LOCATION.--Lat 34°04'58", long 110°55'25", in SE¼NE¼ sec.32, T.9 N., R.14 E., Gila County, Hydrologic Unit 15060103, on left bank 0.3 mi (0.5 km) downstream from Deadman Canyon and 2 mi (3 km) southeast of Young.

DRAINAGE AREA.--62.1 mi² (161 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1963	2700	08-22-63	5.90	1964	1400
1964	266	07-30-64	2.09	1965	10000
1965	3280	08-17-65	6.48	1966	14100
1966	3400	12-22-65	6.60	1967	2140
1967	2670	07-31-67	5.87	1968	13800
1968	800	01-28-68	3.46	1969	6530
1969	616	01-26-69	3.32	1970	4130
1970	3100	09-05-70	6.30	1971	2050
1971	920	07-17-71	3.70	1972	5410
1972	765	10-24-71	3.39	1973	29100
1973	7290	10-19-72	8.93	1974	2050
1974	950	08-02-74	4.92	1975	5540
1975	258	07-22-75	2.95		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
	NUMBER OF DAYS IN CLASS																																				
1964							14	9	48	33	17	76	116	24	5	7	1	7	4	1	2			2													
1965									22	92	71	13	19	9	14	13	12	13	19	21	9	6	10	7	8	5	1		1								
1966									78	53	43	22	29	10	6	9	4	3	59	8	9	8	7	6	3	3	1				2	2					
1967									20	52	41	43	49	86	45	17	3	1	1		3	1	1	2													
1968								5	22	83	31	55	12	17	12	15	14	6	7	12	11	14	21	14	4	4	4	2		1							
1969					1		12	34	39	32	41	34	20	22	24	17	10	11	16	15	10	10	9	1	4	1		2									
1970							1	49	21	8	14	148	62	22	11	7	12	1	1	3		1		1	1	1	1			1							
1971								10	4	12	21	33	94	82	34	54	6	1	2	3	3	2		2	1	1											
1972	2	5	1	1	2	2	12	15	50	18	24	13	54	85	22	13	9	5	8	5	3	4	3	2	2	3	3										
1973						7	15	26	26	18	9	8	12	13	39	7	42	15	22	13	11	4	12	32	28	1	2	1	1		1						
1974						11	20	7	51	32	26	48	29	49	18	38	16	10	2	1	3	1	3														
1975							9	48	38	19	7	6	79	47	25	11	7	9	16	10	11	4	9	4	6												

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2	4383	100.0	12	1.4	645	2412	55.0	24	92	63	135	3.0
1	0.01	5	4381	100.0	13	1.9	457	1767	40.3	25	130	45	72	1.6
2	0.02	1	4376	99.8	14	2.7	260	1310	29.9	26	190	11	27	.6
3	0.04	1	4375	99.8	15	3.9	196	1050	24.0	27	260	6	16	.3
4	0.05	3	4374	99.8	16	5.5	91	854	19.5	28	380	2	10	.2
5	0.08	13	4371	99.7	17	7.8	121	763	17.4	29	530	5	8	.1
6	0.10	84	4358	99.4	18	11.0	151	642	14.6	30	760	2	3	
7	0.20	138	4274	97.5	19	16.0	99	491	11.2	31	1100	1	1	
8	0.30	455	4136	94.4	20	23.0	79	392	8.9	32				
9	0.50	482	3681	84.0	21	32.0	59	313	7.1	33				
10	0.70	360	3199	73.0	22	46.0	71	254	5.8	34				
11	1.00	427	2839	64.8	23	55.0	48	183	4.2					

GILA RIVER BASIN

09497900 CHERRY CREEK NEAR YOUNG, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1964	0.10 5	0.10 5	0.10 3	0.16 2	0.38 7	0.48 3	0.70 7	0.75 4	1.50 4
1965	0.30 11	0.30 10	0.36 12	0.40 13	0.52 13	0.58 9	0.63 6	3.50 13	8.20 12
1966	0.30 12	0.30 11	0.31 10	0.35 11	0.38 8	0.42 1	0.48 1	0.68 3	1.19 2
1967	0.30 13	0.30 12	0.36 13	0.36 12	0.42 10	0.51 5	0.60 5	0.81 5	1.50 5
1968	0.20 8	0.20 8	0.23 8	0.30 9	0.49 12	0.60 10	0.90 10	1.10 8	1.80 6
1969	0.05 2	0.08 3	0.13 4	0.20 6	0.35 6	0.51 6	0.59 3	0.64 2	2.10 9
1970	0.29 10	0.30 13	0.33 11	0.35 10	0.43 11	0.79 12	1.10 11	1.30 10	2.00 7
1971	0.12 6	0.13 6	0.13 5	0.18 4	0.32 3	1.10 13	1.30 13	1.30 11	1.40 3
1972	0.00 1	0.00 1	0.06 1	0.23 7	0.40 9	0.57 7	0.59 4	0.61 1	0.82 1
1973	0.12 7	0.13 7	0.15 6	0.19 5	0.32 4	0.49 4	0.56 2	0.86 6	13.00 13
1974	0.08 3	0.08 2	0.09 2	0.10 1	0.12 1	0.65 11	0.86 9	1.70 12	2.10 8
1975	0.10 4	0.10 4	0.15 7	0.17 3	0.27 2	0.47 2	0.77 8	0.88 7	6.80 11

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1964	57.0 12	44.0 12	28.0 10	17.0 10	10.0 11	5.9 12	4.5 12	3.8 12	3.0 12
1965	502.0 5	290.0 5	143.0 5	82.0 6	56.0 4	45.0 4	39.0 4	38.0 4	25.0 4
1966	1080.0 2	629.0 2	329.0 2	262.0 1	186.0 1	100.0 2	71.0 2	57.0 2	38.0 2
1967	128.0 9	47.0 11	33.0 9	20.0 9	13.0 9	7.3 10	5.2 11	4.0 11	3.3 11
1968	539.0 4	376.0 3	234.0 3	155.0 3	137.0 2	89.0 3	71.0 3	55.0 3	37.0 3
1969	291.0 6	220.0 6	121.0 6	68.0 7	45.0 7	42.0 5	32.0 5	25.0 5	17.0 5
1970	700.0 3	367.0 4	186.0 4	92.0 5	47.0 6	24.0 8	17.0 8	13.0 8	8.9 8
1971	128.0 10	53.0 9	23.0 12	16.0 11	9.8 12	7.8 9	6.4 10	4.9 10	4.2 10
1972	246.0 7	184.0 7	101.0 7	95.0 4	52.0 5	29.0 7	25.0 6	20.0 6	14.0 6
1973	2180.0 1	920.0 1	412.0 1	208.0 2	132.0 3	118.0 1	90.0 1	78.0 1	73.0 1
1974	63.0 11	50.0 10	27.0 11	15.0 12	11.0 10	6.4 11	6.5 9	5.7 9	4.3 9
1975	129.0 8	123.0 8	100.0 8	58.0 8	43.0 8	34.0 6	24.0 7	19.0 7	14.0 7

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
14.5	5.52	21.7	18.6	20.3	25.3	13.2	3.21	0.81	2.20	2.87	5.39
1075	116	2323	609	993	1172	396	15.0	0.20	7.60	8.17	162
32.8	10.8	48.2	24.7	31.5	34.2	19.9	3.88	0.45	2.76	2.86	12.7
2.63	3.30	3.14	1.76	1.90	2.36	1.86	2.79	1.84	2.03	1.34	3.25
2.27	1.95	2.22	1.33	1.56	1.35	1.51	1.21	0.56	1.25	1.00	2.36
10.8	4.13	16.3	13.9	15.2	18.9	9.87	2.40	0.61	1.65	2.15	4.04

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
11.1	121	11.0	1.89	0.99	-0.301

GILA RIVER BASIN

319

09497980 CHERRY CREEK NEAR GLOBE, AZ

LOCATION.--Lat 33°49'40", long 110°51'20", in SW¼ sec.30, T.6 N., R.15 E. (unsurveyed), Gila County, Hydrologic Unit 15060103, in Tonto National Forest, on left bank 0.2 mi (0.3 km) upstream from Devils Chasm, 13 mi (21 km) upstream from mouth, and 30 mi (48 km) north of Globe.

DRAINAGE AREA.--200 mi² (518 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1966	6620	12-22-65	12.30	1966	45200
1967	3600	08-06-67	8.70	1967	8100
1968	1490	01-28-68	5.28	1968	33700
1969	928	01-26-69	4.27	1969	16600
1970	4300	09-06-70	9.62	1970	14500
1971	1260	08-19-71	4.81	1971	7000
1972	1010	10-24-71	4.26	1972	13100
1973	8300	10-19-72	14.0	1973	93900
1974	596	08-06-74	3.23	1974	7580
1975	715	10-24-74	3.83	1975	14000

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
														NUMBER	OF	DAYS	IN	CLASS																		
1966		4	24	50	85	43	19	14	7	22	18	22	10	5	7	3	1	2	2	4	6	2	4	3	2		1		2				1		2	
1967			40	175	96	18	7		3	6	2	4	3	2	1		2	1			3	1	1													
1968		5	46	31	85	26	16	17	7	15	4	14	7	2	15	11	15	15	12	6	1	2	4	6	1	2					1					
1969				44	133	37	23	20	9	18	15	11	12	8	9	3	12	2	1	2	2	2			1	1										
1970		10	29	66	153	49	13	8	11	11	3	1	1	2			1	2				1			1			1	1			1				
1971		23	92	53	148	15	5	5	5	4	3		4	1		1	1	1	1	2		1														
1972		11	69	98	94	28	11	8	7	5	7	5	3	1	4	2	1	1	1	1	2	2	1	1	3											
1973		3		4	1	13	46	31	19	16	23	27	29	14	14	8	6	20	9	7	11	9	18	8	7	12	4		2	1					1	
1974				29	86	123	57	26	19	7	5	6	4	1	1		1																			
1975				56	139	45	19	12	10	16	14	14	6	6	4	4	5	6	2	3	3	1														

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3652	100.0	12	34.0	79	499	13.7	24	430	15	48	1.3
1	3.30	56	3652	100.0	13	42.0	42	420	11.5	25	530	15	33	.9
2	4.20	300	3596	98.5	14	52.0	55	378	10.4	26	650	6	18	.4
3	5.20	606	3296	90.3	15	64.0	32	323	8.8	27	800	1	12	.3
4	6.40	1020	2690	73.7	16	80.0	45	291	8.0	28	990	4	11	.3
5	7.60	397	1670	45.7	17	98.0	50	246	6.7	29	1200	2	7	.1
6	9.70	218	1273	34.9	18	120.0	28	196	5.4	30	1500	1	5	.1
7	12.00	141	1055	28.9	19	150.0	25	168	4.6	31	1900		4	.1
8	15.00	97	914	25.0	20	180.0	28	143	3.9	32	2300	1	4	.1
9	18.00	120	817	22.4	21	230.0	21	115	3.1	33	2800		3	
10	23.00	94	697	19.1	22	280.0	28	94	2.6	34	3500	3	3	
11	28.00	104	603	16.5	23	350.0	18	66	1.8					

GILA RIVER BASIN

09497980 CHERRY CREEK NEAR GLOBE, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1966	4.10 6	4.10 6	4.20 5	4.30 3	5.50 6	5.90 6	6.30 5	6.90 5	9.10 6
1967	5.00 8	5.00 8	5.00 7	5.00 6	5.00 4	5.20 4	5.30 2	5.60 2	5.80 1
1968	4.00 5	4.00 4	4.10 3	4.30 4	4.50 2	5.10 2	7.90 10	8.80 10	11.00 9
1969	5.60 9	5.60 9	5.60 8	5.80 8	6.40 8	6.80 10	7.30 8	7.30 7	10.00 7
1970	3.60 1	4.10 5	4.20 4	4.50 5	4.70 3	5.30 5	5.80 4	6.30 4	7.70 4
1971	3.80 2	3.90 1	3.90 1	4.00 1	4.10 1	4.40 1	4.60 1	5.10 1	5.80 2
1972	3.80 3	4.00 2	4.10 2	4.30 2	5.10 5	5.20 3	5.40 3	5.70 3	6.00 3
1973	4.00 4	4.00 3	7.00 11	9.10 11	9.60 11	12.00 11	14.00 11	15.00 11	53.00 11
1974	5.80 10	5.90 10	5.90 9	6.00 9	6.40 9	6.70 8	7.00 6	7.40 8	7.90 5
1975	5.80 11	5.90 11	6.00 10	6.10 10	6.40 10	6.70 9	7.70 9	8.10 9	19.00 10

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1966	3500.0 2	1670.0 2	911.0 2	812.0 1	585.0 1	314.0 2	217.0 2	172.0 2	116.0 2
1967	300.0 7	190.0 8	122.0 8	89.0 8	54.0 8	31.0 8	23.0 8	18.0 8	14.0 8
1968	1200.0 4	811.0 4	501.0 4	316.0 3	254.0 3	184.0 3	155.0 3	124.0 3	85.0 3
1969	543.0 5	416.0 6	244.0 5	153.0 6	95.0 6	82.0 5	67.0 4	54.0 4	39.0 4
1970	1830.0 3	1130.0 3	605.0 3	295.0 4	158.0 4	84.0 4	57.0 5	44.0 5	32.0 5
1971	255.0 8	140.0 9	73.0 9	49.0 9	31.0 9	25.0 9	20.0 9	16.0 9	12.0 10
1972	498.0 6	419.0 5	231.0 6	192.0 5	110.0 5	61.0 7	51.0 6	42.0 6	30.0 6
1973	6000.0 1	2470.0 1	1110.0 1	564.0 2	431.0 2	384.0 1	298.0 1	247.0 1	223.0 1
1974	83.0 10	55.0 10	39.0 10	29.0 10	25.0 10	18.0 10	17.0 10	15.0 10	13.0 9
1975	236.0 9	224.0 7	189.0 7	112.0 7	78.0 7	67.0 6	50.0 7	40.0 7	30.0 7

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
46.5	19.0	82.2	43.5	56.8	67.5	34.7	13.8	7.08	10.8	15.1	21.6
8677	855	26970	2968	8466	13480	3544	342	14.0	29.4	78.3	1862
93.1	29.2	164	54.5	92.0	116	59.5	18.5	3.74	5.42	8.85	43.2
2.62	2.96	2.87	1.99	2.10	2.85	2.64	3.01	2.91	1.50	1.55	3.26
2.00	1.54	2.00	1.25	1.62	1.72	1.72	1.34	0.53	0.50	0.59	2.00
11.1	4.53	19.7	10.4	13.6	16.1	8.29	3.29	1.69	2.59	3.60	5.16

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
35.0	1397	37.4	2.16	1.07	-0.297

GILA RIVER BASIN

321

09498500 SALT RIVER NEAR ROOSEVELT, AZ

LOCATION.--Lat 33°37'10", long 110°55'15", in SE¼NE¼ sec.9, T.3 N., R.14 E. (unsurveyed), Gila County, Hydrologic Unit 15060103, in Tonto National Forest on left bank 100 ft (30 m) downstream from bridge on State Highway 288, 0.3 mi (0.5 km) downstream from Pinal Creek, 1 mi (2 km) upstream from diversion dam for power canal, 14 mi (23 km) east of village of Roosevelt, and 17 mi (27 km) upstream from Roosevelt Dam.

DRAINAGE AREA.--4,306 mi² (11,153 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT,FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1916	100000	01-19-16	HP	1906					1915	1593000
1925	9000	03-09-25			7.2				1916	2361000
1926	21000	04-07-26			13.0				1917	707000
1927	40000	02-18-27			16.5				1918	349000
1928	2600	02-05-28			6.5				1919	879000
1929	15000	09-23-29			13.0				1920	1621000
1930	8300	03-17-30			11.5				1921	511000
1931	22000	02-15-31			14.0				1922	529000
1932	57000	02-10-32			22.				1923	492000
1933	4200	02-28-33			7.8				1924	770000
1934	5500	08-04-34			9.0				1925	291000
1935	15200	04-09-35			12.94	NM	13.43	02-07-35	1926	632000
1936	13800	02-17-36			12.60				1927	794000
1937	88000	02-07-37			23.4				1928	282000
1938	24100	03-04-38			16.38				1929	408000
1939	9050	04-05-39			12.35				1930	472000
1940	4610	07-16-40			10.80				1931	547000
1941	117000	03-14-41		1906	24.4				1932	1169000
1942	5140	01-13-42			11.80				1933	426000
1943	16500	03-05-43			15.75				1934	236000
1944	4560	09-26-44			10.60				1935	748000
1945	5450	03-27-45			11.30				1936	637000
1946	15100	09-19-46			15.62				1937	878000
1947	6170	09-19-47			12.88				1938	354000
1948	5960	04-13-48			12.16				1939	346000
1949	15500	01-14-49			16.45				1940	297000
1950	5930	07-21-50			12.47				1941	1926000
1951	27600	08-28-51			18.10				1942	555000
1952	111000	01-18-52			25.3				1943	528000
1953	4320	03-09-53			12.25				1944	329000
1954	40800	03-23-54			19.29				1945	490000
1955	8640	08-24-55			14.07				1946	302000
1956	1460	01-29-56			8.97				1947	284000
1957	6720	01-10-57			13.38				1948	465000
1958	24000	03-23-58			17.25				1949	715000
1959	12100	08-20-59			15.00				1950	195000
1960	78200	12-26-59			22.30				1951	197000
1961	2590	07-28-61				NM	11.44	08-22-61	1952	1186000
1962	8540	01-25-62			13.00				1953	244000
1963	31300	08-31-63			18.30				1954	349000
1964	3620	09-15-64			11.46				1955	219000
1965	20400	01-08-65			17.18				1956	204000
1966	68800	12-23-65			25.8				1957	349000
1967	5600	08-06-67			13.15				1958	725000
1968	17200	12-20-67			16.95				1959	241000
1969	6100	01-26-69			12.90				1960	856000
1970	17300	09-06-70			17.20				1961	171000
1971	12800	08-13-71			15.75				1962	718000
1972	30200	12-27-71			20.15				1963	379000
1973	70000	10-20-72			25.6				1964	276000
1974	1500	07-20-74			9.14				1965	734000
1975	10100	10-29-74			13.42				1966	1068000
									1967	280000
									1968	916000
									1969	522000
									1970	301000
									1971	203000
									1972	430000
									1973	1880000
									1974	200000
									1975	610000

HP Isolated historic peak; not part of systematic record.

NM Not maximum gage height for water year.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CURIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1915								6	12	33	49	53	26	11	17	18	11	21	17	12	15	14	26	17	2	1	1	1	1				1			
1916									26	67	42	25	14	34	13	12	9	9	5	7	21	34	17	11	6	3	1	1	2	1		1	2	1	2	
1917					3	24	32	72	40	33	30	27	19	25	21	18	5	4	2	2	4	2	1													
1918				12	11	128	78	38	28	13	14	5	13	6	7	4	3																			
1919				17	12	60	44	26	9	17	15	41	20	18	19	9	11	16	11	12	2	2	1	3												
1920					3	15	57	35	22	14	24	14	15	24	15	24	15	24	16	14	11	6	5	3	1	4	3	1	1	1	1	1	1	1	1	
1921					9	7	50	93	106	29	16	7	3	2	3	1	6	13	8	5	1	4			1	1										
1922					3	80	71	40	21	41	22	15	13	9	16	12	12	4	2	2				2												
1923					10	38	64	37	36	16	20	43	27	26	21	12	5	3	2	2	1	1														
1924					5	32	42	20	45	57	47	28	10	13	9	14	7	9	7	6	7	2	2					1	1	1		1				
1925					18	120	91	25	18	23	15	13	18	8	5	4	4																			
1926				2	6	33	74	86	31	15	12	16	9	6	18	9	6	6	22	8	1	1	2			1	1									
1927					3	7	58	65	54	32	18	15	4	11	14	16	23	23	15	2	1				1											
1928						64	116	47	24	10	35	33	27	8	1	1																				
1929				10	9	2	19	69	107	19	26	20	23	17	14	8	9	4	1	1	2	1	3			1										
1930					4	12	3	78	71	31	29	30	24	20	12	16	10	7	11	4																
1931						53	69	14	27	18	21	24	36	28	25	18	10	8	4	2	1	1	3			1	1									
1932							2	32	32	36	43	36	27	30	23	18	8	18	19	21	11	3	2													
1933							23	76	60	42	26	20	27	23	19	20	8	1	1																	
1934				16	21	23	28	77	98	41	20	16	9	3	3	7	2	1																		
1935						5	78	36	21	20	24	18	16	26	29	14	12	14	11	24	10	2	1	3			1									
1936						10	63	69	48	23	18	11	19	11	10	9	13	23	11	12	7	7	1			1										
1937						3	31	77	65	39	19	11	10	4	5	16	22	12	11	13	7	9	5	1		2										
1938						15	14	94	82	30	21	24	7	18	31	12	4	3	2	5	1															
1939				16	21	83	57	51	27	20	15	10	7	16	10	3	3	9	10	4	1	1	1													
1940					4	16	21	77	64	38	30	24	18	22	23	10																				
1941						1	24	28	18	24	29	19	8	21	23	18	31	15	19	19	25	16	12			7	1	1	2	2					2	
1942						5	34	23	25	27	45	46	48	21	23	22	18	14	8	4	2															
1943						9	35	32	64	44	35	19	10	22	8	16	30	12	7	13	3	1	1													
1944						10	34	102	76	27	12	7	6	23	19	12	22	11	5																	
1945						17	17	27	81	54	25	21	29	13	9	8	7	11	24	11	6	3	2													
1946				13	19	10	48	51	55	33	36	21	32	20	10	8	3	1	1																	
1947				6	39	13	5	13	19	71	63	58	37	24	6	4	4																			
1948				6	22	37	7	9	78	64	19	14	12	26	14	10	9	4	10	6	8	6	5													
1949					3	20	45	27	15	14	36	27	16	15	19	12	16	23	21	13	13	1	1													
1950					1	21	40	38	79	65	33	22	27	20	11	7	1																			
1951				12	15	20	65	84	52	35	37	23	7	5	5		1																			
1952					8	13	21	41	42	27	20	22	13	14	23	17	12	12	14	5	9	19	16													
1953					6	26	12	38	73	72	43	27	13	14	12	17	4	3	1	1																
1954					10	25	49	67	77	18	14	21	21	10	11	11	5	14	3	1	2	1	1													
1955					15	3	13	63	92	91	22	19	7	4	3	4	4	5	8	2	5	3	1	1												
1956				13	35	21	49	32	76	18	22	13	17	30	22	9	9																			
1957				7	15	11	77	22	11	13	10	34	30	35	37	23	14	16	2	5	1															
1958						27	18	37	65	51	29	10	11	9	7	16	10	8	9	22	14	6	5													
1959				4	29	21	24	21	90	81	33	12	7	9	10	6	3	3	4	2	2	2														
1960					7	64	31	21	17	18	21	12	20	25	20	16	18	12	20	9	11	14	2	2												
1961					6	39	26	28	130	45	27	19	20	16	5	4																				
1962					5	8	30	33	29	26	30	21	22	26	13	5	12	19	25	14	8	14	11	9	5											
1963				4	35	9	13	11	46	56	27	26	15	23	16	23	33	14	4	2	4	1														
1964					6	17	17	40	79	34	51	26	23	16	9	19	10	11	6	2																
1965						13	53	47	34	22	12	15	19	31	22	15	22	13	14	19	6	5	1	1												
1966						18	35	29	18	19	30	19	22	28	20	24	23	10	15	9	15	7	8													
1967				5	12	15	21	68	101	38	33	11	10	12	8	12	4	3	1	2																
1968						17	57	34	31	20	6	13	25	25	22	11	7	27	25	20	14	3	1	5												
1969						15	21	54	56	31	14	16	17	29	25	30	9	13	11	6	11	4	2													
1970						20	18	37	109	55	18	14	19	37	19	14	2																			
1971				26	15	18	44	76	92	47	13	6	4	8	3	6	1	2																		
1972					2	12	33	40	40	30	37	35	47	32	12	9	5	5	6	6	6	3														
1973						4	7	17	8	12	13	18	40	37	30	18	10	13	11	18	15															

GILA RIVER BASIN

323

09498500 SALT RIVER NEAR ROOSEVELT, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--Continued

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	22280	100.0	12	620.0	1188	6504	29.2	24	8200	43	151	.6
1	59.00	55	22280	100.0	13	770.0	946	5316	23.9	25	10000	35	108	.4
2	73.00	232	22225	99.8	14	960.0	802	4370	19.6	26	13000	17	73	.3
3	91.00	432	21993	98.7	15	1200.0	690	3568	16.0	27	16000	12	56	.2
4	110.00	925	21561	96.8	16	1500.0	548	2878	12.9	28	19000	12	44	.1
5	140.00	1346	20636	92.6	17	1800.0	569	2330	10.5	29	24000	6	32	.1
6	170.00	2629	19290	86.6	18	2300.0	426	1761	7.9	30	30000	9	26	.1
7	210.00	3222	16661	74.8	19	2800.0	405	1335	6.0	31	37000	6	17	
8	260.00	2511	13439	60.3	20	3500.0	299	930	4.2	32	46000	5	11	
9	330.00	1789	10928	49.0	21	4300.0	229	631	2.8	33	56000	4	6	
10	410.00	1366	9139	41.0	22	5300.0	157	402	1.8	34	70000	2	2	
11	500.00	1269	7773	34.9	23	6600.0	94	245	1.1					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1915	234.00 60	246.00 60	263.00 60	300.00 60	382.00 62	472.00 62	825.00 62	914.00 62	2200.00 61
1916	286.00 62	288.00 62	292.00 62	300.00 61	307.00 60	344.00 58	355.00 55	721.00 60	1490.00 59
1917	170.00 54	183.00 54	199.00 54	213.00 56	256.00 57	333.00 57	412.00 58	424.00 56	883.00 47
1918	150.00 44	154.00 44	155.00 40	160.00 38	194.00 46	238.00 50	239.00 40	245.00 31	383.00 20
1919	154.00 50	154.00 45	157.00 42	161.00 40	182.00 40	212.00 41	241.00 41	244.00 30	612.00 38
1920	202.00 57	213.00 59	224.00 58	265.00 59	299.00 59	378.00 59	361.00 56	421.00 55	911.00 50
1921	152.00 45	155.00 46	160.00 43	175.00 48	204.00 49	234.00 49	262.00 48	281.00 41	313.00 16
1922	205.00 58	207.00 57	223.00 57	229.00 57	243.00 56	263.00 55	290.00 51	362.00 49	713.00 42
1923	145.00 41	150.00 42	155.00 41	165.00 42	187.00 42	207.00 38	298.00 53	291.00 44	498.00 32
1924	155.00 51	155.00 47	164.00 46	176.00 49	197.00 47	230.00 46	236.00 39	266.00 39	885.00 48
1925	140.00 40	146.00 40	149.00 38	160.00 39	176.00 37	186.00 28	198.00 24	199.00 17	340.00 19
1926	135.00 39	140.00 39	165.00 47	178.00 50	230.00 53	239.00 51	248.00 45	262.00 38	474.00 30
1927	165.00 53	167.00 52	171.00 51	198.00 53	233.00 55	245.00 53	291.00 52	307.00 46	894.00 49
1928	197.00 56	198.00 56	199.00 55	202.00 54	209.00 51	211.00 39	227.00 35	224.00 27	386.00 21
1929	97.00 22	98.00 21	98.00 21	104.00 20	140.00 25	211.00 40	255.00 47	261.00 37	338.00 18
1930	127.00 37	130.00 37	148.00 37	162.00 41	219.00 52	233.00 47	254.00 46	290.00 42	594.00 37
1931	146.00 42	147.00 41	151.00 39	158.00 37	158.00 31	189.00 29	225.00 32	217.00 26	679.00 40
1932	258.00 61	263.00 61	284.00 61	308.00 62	374.00 61	439.00 61	534.00 60	558.00 58	1090.00 57
1933	180.00 55	192.00 55	202.00 56	204.00 55	208.00 50	240.00 52	247.00 44	255.00 36	522.00 34
1934	91.00 20	92.00 20	97.00 20	100.00 18	115.00 19	135.00 13	162.00 13	195.00 15	244.00 9
1935	164.00 52	167.00 53	171.00 52	174.00 46	178.00 38	190.00 30	197.00 23	363.00 50	1030.00 56
1936	152.00 46	159.00 49	167.00 50	178.00 51	186.00 41	225.00 44	227.00 33	225.00 28	788.00 44
1937	153.00 48	160.00 50	172.00 53	194.00 52	231.00 54	257.00 54	269.00 49	291.00 43	970.00 54
1938	123.00 34	125.00 34	129.00 32	140.00 33	172.00 36	195.00 34	207.00 30	208.00 20	447.00 26
1939	96.00 21	99.00 22	101.00 22	109.00 23	112.00 18	138.00 16	176.00 19	185.00 14	419.00 25
1940	106.00 26	108.00 25	113.00 27	137.00 31	188.00 43	201.00 36	203.00 26	212.00 22	389.00 22
1941	208.00 59	213.00 58	227.00 59	250.00 58	288.00 58	417.00 60	541.00 61	752.00 61	2170.00 60
1942	149.00 43	154.00 43	166.00 48	171.00 44	193.00 45	234.00 48	285.00 50	293.00 45	732.00 43
1943	132.00 38	134.00 38	138.00 36	149.00 35	154.00 30	183.00 25	234.00 36	248.00 32	555.00 36
1944	121.00 33	124.00 33	129.00 33	157.00 36	165.00 35	185.00 27	203.00 27	211.00 21	401.00 23
1945	125.00 35	127.00 35	132.00 34	140.00 32	159.00 32	224.00 43	244.00 42	254.00 34	548.00 35
1946	76.00 8	79.00 8	83.00 8	86.00 8	91.00 8	122.00 10	168.00 14	225.00 29	285.00 13
1947	82.00 12	83.00 11	87.00 11	93.00 13	101.00 12	105.00 5	160.00 11	216.00 25	315.00 17
1948	81.00 10	82.00 10	85.00 9	98.00 15	108.00 17	193.00 33	200.00 25	198.00 16	498.00 31
1949	109.00 27	110.00 26	112.00 25	115.00 25	129.00 22	152.00 19	234.00 37	459.00 57	969.00 53
1950	88.00 16	90.00 19	94.00 19	101.00 19	106.00 15	135.00 14	183.00 20	176.00 9	253.00 10
1951	64.00 4	64.00 2	65.00 3	68.00 3	77.00 1	114.00 7	133.00 5	140.00 3	168.00 1
1952	105.00 23	106.00 23	107.00 23	108.00 22	148.00 29	184.00 26	194.00 22	385.00 52	1490.00 58
1953	88.00 17	88.00 14	89.00 15	92.00 10	104.00 14	163.00 23	204.00 28	206.00 18	296.00 14

09498500 SALT RIVER NEAR ROOSEVELT, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--Continued
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1954	88.00 18	89.00 17	90.00 16	92.00 11	101.00 13	119.00 9	130.00 3	138.00 2	465.00 28
1955	59.00 1	62.00 1	62.00 1	64.00 1	90.00 7	116.00 8	136.00 6	149.00 5	168.00 2
1956	64.00 2	65.00 3	65.00 2	68.00 2	78.00 3	125.00 11	136.00 7	130.00 1	256.00 11
1957	64.00 3	66.00 4	70.00 4	73.00 4	84.00 5	103.00 3	111.00 1	271.00 40	459.00 27
1958	118.00 29	121.00 31	126.00 30	135.00 30	143.00 26	207.00 37	235.00 38	254.00 35	826.00 46
1959	65.00 5	67.00 5	72.00 5	76.00 5	79.00 4	93.00 2	116.00 2	147.00 4	169.00 3
1960	106.00 24	107.00 24	110.00 24	114.00 24	129.00 23	151.00 17	147.00 10	176.00 10	504.00 33
1961	82.00 11	84.00 12	88.00 12	94.00 14	97.00 9	109.00 6	139.00 9	177.00 11	222.00 7
1962	89.00 19	89.00 18	91.00 17	105.00 21	119.00 20	151.00 18	169.00 15	214.00 23	993.00 55
1963	71.00 6	72.00 6	73.00 6	76.00 6	77.00 2	90.00 1	138.00 8	216.00 24	469.00 29
1964	87.00 14	88.00 15	89.00 13	93.00 12	100.00 11	162.00 22	170.00 17	184.00 12	232.00 8
1965	152.00 47	163.00 51	167.00 49	170.00 43	189.00 44	191.00 31	217.00 31	420.00 54	946.00 51
1966	120.00 32	121.00 32	123.00 28	134.00 29	161.00 33	226.00 45	304.00 54	368.00 51	809.00 45
1967	79.00 9	81.00 9	86.00 10	99.00 16	107.00 16	136.00 15	169.00 16	208.00 19	217.00 6
1968	154.00 49	158.00 48	160.00 44	172.00 45	178.00 39	197.00 35	412.00 59	413.00 53	967.00 52
1969	106.00 25	110.00 27	113.00 26	122.00 26	147.00 28	192.00 32	206.00 29	336.00 48	660.00 39
1970	118.00 30	119.00 28	127.00 31	133.00 28	137.00 24	174.00 24	227.00 34	253.00 33	312.00 15
1971	74.00 7	78.00 7	80.00 7	82.00 7	85.00 6	104.00 4	132.00 4	161.00 6	191.00 5
1972	88.00 15	89.00 16	94.00 18	99.00 17	126.00 21	153.00 20	161.00 12	167.00 7	189.00 4
1973	118.00 31	120.00 29	164.00 45	175.00 47	200.00 48	282.00 56	374.00 57	584.00 59	2430.00 62
1974	86.00 13	87.00 13	89.00 14	91.00 9	99.00 10	135.00 12	186.00 21	185.00 13	258.00 12
1975	125.00 36	127.00 36	132.00 35	146.00 34	165.00 34	222.00 42	246.00 43	321.00 47	688.00 41

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1915	37500.0 8	19700.0 12	11900.0 10	6760.0 11	6420.0 8	5520.0 5	4870.0 5	4620.0 5	3700.0 5
1916	91000.0 1	71800.0 1	42400.0 1	31300.0 1	17800.0 1	11800.0 1	10300.0 1	8590.0 1	5980.0 1
1917	23600.0 13	10600.0 16	5160.0 25	2950.0 33	2430.0 32	2080.0 28	1930.0 22	1820.0 23	1390.0 22
1918	6120.0 37	4520.0 40	3680.0 38	2680.0 39	2120.0 36	1440.0 37	1100.0 38	901.0 39	719.0 40
1919	12000.0 24	9680.0 19	8070.0 16	5390.0 14	4120.0 14	2830.0 17	2200.0 21	2170.0 17	2000.0 12
1920	56000.0 3	41500.0 3	24100.0 3	13900.0 2	9120.0 3	5940.0 4	5690.0 4	4980.0 4	4020.0 3
1921	12000.0 25	8540.0 24	6080.0 19	4630.0 18	3670.0 18	2590.0 22	1840.0 25	1430.0 28	1040.0 30
1922	9380.0 32	7480.0 28	4840.0 28	3510.0 27	2770.0 27	2130.0 27	1730.0 27	1470.0 27	1140.0 26
1923	11800.0 26	7450.0 30	4710.0 30	2780.0 37	1860.0 38	1380.0 39	1090.0 39	926.0 37	870.0 35
1924	32200.0 11	22100.0 11	14500.0 7	7620.0 9	4150.0 13	2500.0 23	1870.0 24	2130.0 19	1760.0 15
1925	5140.0 41	3910.0 44	2220.0 48	1280.0 52	1160.0 48	823.0 51	634.0 51	530.0 52	528.0 49
1926	16200.0 18	12000.0 15	8110.0 15	5480.0 13	4400.0 11	3280.0 13	2560.0 16	2040.0 21	1450.0 21
1927	31700.0 12	26400.0 7	14400.0 8	8380.0 8	5410.0 9	3780.0 10	3150.0 10	2550.0 12	1820.0 13
1928	1590.0 57	1160.0 58	1020.0 58	889.0 58	857.0 55	773.0 52	723.0 48	659.0 45	535.0 47
1929	9700.0 31	7100.0 32	4370.0 33	2740.0 38	1830.0 39	1220.0 41	945.0 42	779.0 43	794.0 37
1930	6480.0 36	5270.0 34	3860.0 36	2850.0 35	2420.0 33	1750.0 32	1400.0 33	1160.0 33	989.0 32
1931	18800.0 16	12900.0 14	8290.0 14	4470.0 19	2580.0 29	1910.0 29	1690.0 29	1390.0 29	1080.0 29
1932	35200.0 9	28800.0 6	16500.0 5	10100.0 6	6930.0 7	5170.0 6	4250.0 6	3430.0 7	2560.0 8
1933	2950.0 53	2560.0 51	2090.0 49	1700.0 46	1600.0 42	1420.0 38	1280.0 35	1110.0 34	892.0 34
1934	1920.0 55	1510.0 56	1340.0 55	1220.0 54	844.0 56	597.0 57	459.0 60	373.0 60	350.0 59
1935	10400.0 30	7720.0 27	5340.0 23	3960.0 23	3300.0 20	2900.0 16	2720.0 14	2290.0 15	1750.0 16
1936	11300.0 29	7240.0 31	4710.0 31	3980.0 22	3290.0 21	2660.0 20	2530.0 17	2080.0 20	1460.0 20
1937	35000.0 10	24200.0 8	11500.0 11	7040.0 10	4320.0 12	4020.0 9	3770.0 7	3080.0 9	2150.0 10
1938	17800.0 17	9060.0 23	5020.0 26	3210.0 30	2120.0 37	1480.0 35	1140.0 37	915.0 38	733.0 39
1939	5750.0 40	4640.0 37	3490.0 39	2910.0 34	2530.0 30	1720.0 33	1290.0 34	1040.0 35	758.0 38
1940	3010.0 52	1870.0 53	1250.0 56	1170.0 55	1070.0 51	925.0 47	813.0 45	718.0 44	551.0 45
1941	60200.0 2	46600.0 2	24600.0 2	13800.0 3	9340.0 2	7490.0 2	6390.0 2	5410.0 2	4700.0 2
1942	3860.0 48	3730.0 45	3310.0 41	2790.0 36	2300.0 34	1850.0 31	1520.0 31	1360.0 30	1140.0 27
1943	13100.0 22	10400.0 17	6220.0 17	4120.0 20	2960.0 25	2260.0 25	1910.0 23	1640.0 24	1200.0 24
1944	1940.0 54	1870.0 54	1700.0 53	1670.0 47	1420.0 45	1270.0 40	1090.0 40	899.0 40	663.0 41
1945	4470.0 45	4340.0 43	3840.0 37	3210.0 31	2630.0 28	2300.0 24	1810.0 26	1490.0 26	1080.0 28
1946	12800.0 23	8390.0 26	4840.0 27	2620.0 40	1620.0 41	1120.0 43	805.0 46	630.0 47	550.0 46
1947	3900.0 47	2800.0 49	1760.0 51	1020.0 56	700.0 58	557.0 59	498.0 56	477.0 54	471.0 52
1948	5130.0 42	4810.0 35	4500.0 32	4020.0 21	3200.0 23	2200.0 26	1700.0 28	1360.0 31	988.0 33
1949	11800.0 27	7470.0 29	4780.0 29	3530.0 26	2900.0 26	2630.0 21	2280.0 20	2140.0 18	1660.0 19
1950	1040.0 60	944.0 60	826.0 60	699.0 60	589.0 60	576.0 58	494.0 57	427.0 56	351.0 58
1951	15500.0 21	8440.0 25	4190.0 34	2120.0 43	1150.0 49	678.0 56	486.0 58	427.0 57	389.0 55
1952	46600.0 5	32100.0 4	20800.0 4	11300.0 5	7090.0 6	4150.0 8	3630.0 8	3860.0 6	3020.0 6
1953	3820.0 49	3410.0 47	2400.0 46	1600.0 48	1240.0 47	893.0 48	712.0 50	593.0 49	474.0 51

GILA RIVER BASIN

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09498500 SALT RIVER NEAR ROOSEVELT, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--Continued
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1954	23500.0 14	15200.0 13	8580.0 13	4900.0 17	2970.0 24	1710.0 34	1210.0 36	955.0 36	810.0 36
1955	4240.0 46	3350.0 48	2850.0 43	2180.0 42	1660.0 40	1020.0 45	719.0 49	570.0 50	445.0 53
1956	1180.0 58	1160.0 57	1100.0 57	976.0 57	822.0 57	706.0 54	627.0 52	549.0 51	425.0 54
1957	4650.0 44	3690.0 46	2290.0 47	1420.0 50	1120.0 50	936.0 46	852.0 43	788.0 42	640.0 42
1958	15700.0 19	9180.0 22	6050.0 20	5100.0 15	3970.0 16	3770.0 11	3040.0 12	2450.0 13	1690.0 18
1959	6730.0 34	4750.0 36	3010.0 42	2190.0 41	1390.0 46	858.0 49	613.0 53	480.0 53	385.0 56
1960	41800.0 7	22700.0 10	10800.0 12	5490.0 12	4740.0 10	3030.0 14	2760.0 13	2650.0 11	2100.0 11
1961	938.0 61	882.0 61	785.0 61	664.0 61	575.0 61	448.0 61	367.0 61	323.0 61	273.0 61
1962	5870.0 38	5380.0 33	5290.0 24	4940.0 16	4100.0 15	2900.0 15	2660.0 15	2400.0 14	1770.0 14
1963	6510.0 35	4430.0 41	2640.0 44	1940.0 44	1500.0 43	1150.0 42	978.0 41	808.0 41	613.0 43
1964	1880.0 56	1670.0 55	1530.0 54	1230.0 53	956.0 53	717.0 53	579.0 54	467.0 55	528.0 48
1965	15700.0 20	9590.0 20	5440.0 21	3910.0 24	3390.0 19	2730.0 19	2310.0 18	2210.0 16	1720.0 17
1966	45100.0 6	23400.0 9	12300.0 9	11400.0 4	7440.0 5	4280.0 7	3110.0 11	3320.0 8	2630.0 7
1967	3710.0 50	2600.0 50	2040.0 50	1840.0 45	1440.0 44	1080.0 44	817.0 44	644.0 46	503.0 50
1968	11600.0 28	9550.0 21	6170.0 18	3820.0 25	3770.0 17	3380.0 12	3200.0 9	2790.0 10	2200.0 9
1969	4940.0 43	4360.0 42	3390.0 40	3090.0 32	2520.0 31	1910.0 30	1610.0 30	1520.0 25	1160.0 25
1970	8320.0 33	4590.0 39	2490.0 45	1440.0 49	950.0 54	830.0 50	743.0 47	621.0 48	555.0 44
1971	3410.0 51	2430.0 52	1700.0 52	1300.0 51	1030.0 52	704.0 55	513.0 55	409.0 59	343.0 60
1972	18800.0 15	9740.0 18	5430.0 22	3430.0 29	2160.0 35	1470.0 36	1500.0 32	1300.0 32	995.0 31
1973	53900.0 4	32100.0 5	16200.0 6	8710.0 7	7540.0 4	6880.0 3	6160.0 3	5230.0 3	3890.0 4
1974	1150.0 59	1100.0 59	947.0 59	829.0 59	688.0 59	548.0 60	460.0 59	418.0 58	362.0 57
1975	5800.0 39	4600.0 38	3990.0 35	3460.0 28	3210.0 22	2740.0 18	2310.0 19	1900.0 22	1350.0 23

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
416	353	693	1000	1221	1741	1948	980	343	351	624	467
423600	108400	1291000	4789000	2640000	2636000	2336000	1103000	75420	185000	269500	125600
651	329	1136	2188	1625	1624	1528	1050	275	430	519	354
5.40	3.59	3.27	5.70	2.70	2.43	0.91	3.00	2.24	5.60	3.46	1.86
1.56	0.93	1.64	2.19	1.33	0.93	0.78	1.07	0.80	1.23	0.83	0.76
4.11	3.48	6.84	9.86	12.0	17.2	19.2	9.67	3.38	3.46	6.15	4.61

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
846	405700	637	1.94	0.75	0.062

GILA RIVER BASIN

09498800 TONTO CREEK NEAR GISELA, AZ

LOCATION.--Lat 34°07'44", Long 111°15'17", in NE¼ sec.18, T.9 N., R.11 E., Gila County, in Tonto National Forest, on left bank 0.2 mi (0.3 km) upstream from Houston Creek, and 1.5 mi (2.4 km) northeast of Gisela.

DRAINAGE AREA.--430 mi² (1,114 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1965	12600	01-07-65	11.70	1966	163000
1966	30000	12-22-65	19.00	1967	35900
1967	8280	12-07-66	9.35	1968	134000
1968	14800	01-28-68	12.64	1969	82200
1969	10100	01-26-69	10.65	1970	47600
1970	38000	09-05-70	29.20	1971	17200
1971	3300	08-19-71	8.90	1972	34800
1972	2750	10-17-71	8.35	1973	273000
1973	26500	10-19-72	22.00	1974	27000
1974	2400	08-06-74	8.10	1975	55800
1975	1860	10-29-74	7.38		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1966						18	34	57	36	28	14	21	24	14	30	23	15	8	11	4	4	1	6	5	2	2	2	1	1					1	3
1967					5	6	8	19	30	59	85	63	39	18	4	4	10	5	2	1	1	2													
1968						27	32	44	30	24	21	11	9	8	12	7	35	23	17	17	20	5	5	6	4	1	4	2	1	1	1				
1969							30	77	58	32	24	19	14	11	11	13	16	10	12	9	10	11	2	1											
1970					13	18	8	15	42	112	45	29	15	28	7	6	8	8	3	2	1	2	1											1	
1971		16	10	7	23	15	10	20	40	88	62	28	12	10	5	3	3	3	5	1	2	1	1												
1972					21	30	36	44	29	53	42	39	17	12	9	4	4	6	4	3	2	3	2												
1973						3			23	6	8	28	47	24	13	21	20	15	23	18	17	11	13	17	23	7	12	7	5		1	2		1	
1974						9	10	22	46	68	60	27	36	28	20	16	11	4	1		4	1													
1975							15	43	45	65	45	22	12	14	14	12	10	16	8	17	9	6	5	1	3	3									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3652	100.0	12	30.0	229	1351	37.0	24	730	44	120	3.2
1	1.50	16	3652	100.0	13	39.0	181	1122	30.7	25	950	17	76	2.0
2	2.10	10	3636	99.6	14	51.0	105	941	25.8	26	1200	18	59	1.6
3	2.70	7	3626	99.3	15	66.0	119	836	22.9	27	1600	16	41	1.1
4	3.60	62	3619	99.1	16	87.0	109	717	19.6	28	2100	9	25	.6
5	4.60	81	3557	97.4	17	110.0	123	608	16.6	29	2700	2	16	.4
6	6.10	132	3476	95.2	18	150.0	87	485	13.3	30	3600	3	14	.3
7	7.90	259	3344	91.6	19	190.0	82	398	10.9	31	4700	5	11	.3
8	10.00	433	3085	84.5	20	250.0	66	316	8.7	32	6100		6	.1
9	13.00	575	2652	72.6	21	330.0	60	250	6.8	33	8000	3	6	.1
10	18.00	431	2077	56.9	22	430.0	39	190	5.2	34	10000	3	3	
11	23.00	295	1646	45.1	23	560.0	31	151	4.1					

GILA RIVER BASIN

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09498800 TONTO CREEK NEAR GISELA, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1966	6.20 7	6.40 7	6.50 6	6.60 5	9.00 7	11.00 6	15.00 7	17.00 6	25.00 5
1967	4.30 4	4.40 4	4.40 4	5.20 4	6.80 4	9.80 5	13.00 4	16.00 4	19.00 3
1968	7.00 9	7.00 9	7.10 7	7.20 7	7.50 5	9.10 4	29.00 10	30.00 10	51.00 8
1969	8.90 10	9.00 10	9.30 9	9.40 9	9.60 8	12.00 7	15.00 5	17.00 7	33.00 7
1970	3.90 3	4.00 3	4.10 2	4.50 3	4.60 2	6.90 2	12.00 3	16.00 5	30.00 6
1971	1.60 1	1.70 1	1.80 1	1.90 1	2.10 1	3.20 1	5.40 1	7.20 1	12.00 2
1972	3.70 2	3.80 2	4.20 3	4.40 2	6.60 3	7.40 3	8.20 2	9.60 2	9.60 1
1973	5.00 5	5.00 5	11.00 10	11.00 10	12.00 10	21.00 10	25.00 9	28.00 9	152.00 10
1974	5.00 6	5.70 6	6.30 5	6.80 6	7.60 6	14.00 9	16.00 8	20.00 8	22.00 4
1975	6.70 8	6.80 8	7.30 8	8.20 8	10.00 9	12.00 8	15.00 6	15.00 3	77.00 9

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1966	13000.0 1	7670.0 1	3760.0 1	3000.0 1	2150.0 1	1160.0 1	800.0 2	636.0 2	432.0 2
1967	3740.0 6	2220.0 6	1060.0 6	527.0 7	280.0 7	153.0 7	111.0 8	90.0 8	67.0 8
1968	5500.0 4	3170.0 5	1680.0 5	1000.0 4	777.0 3	692.0 3	602.0 3	494.0 3	347.0 3
1969	5450.0 5	3530.0 4	2080.0 3	1170.0 3	654.0 4	503.0 4	394.0 4	310.0 4	212.0 4
1970	8000.0 3	4450.0 3	1970.0 4	943.0 5	491.0 5	260.0 6	178.0 6	135.0 6	102.0 6
1971	540.0 10	400.0 10	273.0 10	177.0 10	112.0 10	70.0 10	50.0 10	38.0 10	28.0 10
1972	1640.0 7	926.0 8	535.0 8	482.0 8	269.0 8	151.0 8	151.0 7	122.0 7	86.0 7
1973	9810.0 2	5210.0 2	2390.0 2	1430.0 2	1280.0 2	1100.0 2	865.0 1	720.0 1	637.0 1
1974	930.0 9	530.0 9	290.0 9	243.0 9	158.0 9	98.0 9	89.0 9	75.0 9	56.0 9
1975	1120.0 8	985.0 7	831.0 7	534.0 6	370.0 6	299.0 5	225.0 5	176.0 5	133.0 5

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
118	66.6	314	217	176	255	164	47.3	14.7	21.2	37.7	59.4
56760	9372	33660	59490	56070	107500	42280	4196	86.2	155	867	19640
238	96.8	580	244	237	328	206	64.8	9.28	12.4	29.4	140
2.68	2.57	2.76	0.94	1.78	2.41	1.27	2.86	1.88	1.28	1.29	3.30
2.02	1.45	1.85	1.12	1.35	1.29	1.25	1.37	0.63	0.59	0.78	2.36
7.90	4.46	21.1	14.6	11.8	17.1	11.0	3.17	0.99	1.42	2.53	3.99

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
120	12470	112	1.58	0.93	-0.339

09498870 RYE CREEK NEAR GISELA, AZ

LOCATION.--Lat 34°01'57", long 111°17'26", in SW¼ sec.13, T.8 N., R.10 E., Gila County, Hydrologic Unit 15060105, in Tonto National Forest, on right bank, 0.5 mi (0.8 km) upstream from mouth, 0.8 mi (1.3 km) downstream from bridge on county road, and 4.8 mi (7.7 km) south of Gisela.

DRAINAGE AREA.--122 mi² (316 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1963	10000	- -	HP			1967	3880
1966	8130	12-22-65			8.00	1968	23700
1967	5290	08-09-67			6.60	1969	7830
1968	2520	12-19-67			6.05	1970	8190
1969	2080	07-25-69			5.68	1971	1570
1970	44400	09-05-70		1952	14.10	1972	1170
1971	810	08-19-71			5.20	1973	47400
1972	1350	09-02-72			5.80	1974	2320
1973	4250	10-07-72			6.40	1975	5970
1974	1450	07-07-74			4.25		
1975	1020	07-08-75			3.75		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34				
													NUMBER OF DAYS IN CLASS																										
1967					11	1	15	72	25	116	50	47	2	5	2	1	2	4	2	3	3	1		2															
1968					20	35	16		14	3	42	48	24	19	12	10	5	6	17	17	18	22	9	13															
1969								1	61	116	36	24	19	21	24	6	4	13	10	11	8	7	1	1	1														
1970		2		2	2	11	78	88	47	66	14	20	6	3	5	4	3	1	3	1	4	2	2													1			
1971					8	39	72	25	34	113	39	28	2	2	1	1						1																	
1972					2	78	371	103	44	91	2	3	2	1	1			1	1																				
1973				3					3	13	54	24	19	25	13	30	22	27	13	17	11	13	17	18	6	8	12	10	4	2	1								
1974						20	39	110	52	116	9	7	2		3	3					1	1	2																
1975						25	58	61	83	30		18	13	14	6	17	9	8	5	6	2	4	1	2	2	1													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3287	100.0	12	4.7	94	768	23.4	24	150	18	66	2.0
1	0.10	2	3287	100.0	13	6.3	92	674	20.5	25	200	11	48	1.4
2	0.30	0	3285	99.9	14	8.4	64	582	17.7	26	270	15	37	1.1
3	0.40	5	3285	99.9	15	11.0	72	518	15.8	27	360	11	22	.6
4	0.50	23	3280	99.8	16	15.0	48	446	13.6	28	480	6	11	.3
5	0.60	149	3257	99.1	17	20.0	60	398	12.1	29	630	3	5	.1
6	0.80	282	3108	94.6	18	27.0	51	338	10.3	30	850	1	2	
7	1.10	402	2826	86.0	19	36.0	56	287	8.7	31	1100		1	
8	1.50	399	2424	73.7	20	48.0	47	231	7.0	32	1500		1	
9	2.00	653	2025	61.6	21	63.0	52	184	5.6	33	2000	1	1	
10	2.70	383	1372	41.7	22	85.0	30	132	4.0	34	2700			
11	3.60	221	989	30.1	23	110.0	36	102	3.1					

HP Isolated historic peak; not part of systematic record.

09498870 RYE CREEK NEAR GISELA, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1967	0.50 3	0.50 3	0.50 2	1.10 8	1.30 7	1.70 7	1.90 7	2.20 6	2.60 3
1968	0.60 6	0.60 6	0.60 5	0.69 4	0.73 3	1.19 5	4.60 10	4.60 10	7.20 8
1969	1.40 10	1.50 10	1.50 9	1.50 9	1.80 9	1.90 9	2.10 8	4.30 9	5.30 6
1970	0.20 1	0.27 1	0.40 1	0.51 1	0.76 4	1.00 4	1.10 3	1.19 3	2.80 4
1971	0.51 5	0.51 4	0.53 3	0.59 2	0.65 2	0.79 1	0.85 1	0.91 1	1.19 1
1972	0.50 4	0.53 5	0.57 4	0.60 3	0.63 1	0.99 2	1.19 4	1.19 4	1.50 2
1973	0.47 2	0.47 2	2.00 10	2.20 10	2.60 10	3.30 10	3.30 9	3.90 8	21.00 10
1974	1.00 9	1.00 9	1.00 8	1.00 7	1.10 6	1.60 6	1.70 5	2.80 7	3.00 5
1975	0.90 7	0.90 7	0.90 6	0.91 5	1.50 8	1.80 8	1.90 6	1.90 5	6.00 7

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1967	348.0 4	142.0 6	62.0 6	30.0 6	18.0 6	11.0 6	8.8 6	7.5 6	6.0 6
1968	790.0 3	468.0 3	267.0 3	165.0 3	154.0 2	124.0 2	111.0 2	91.0 2	62.0 2
1969	316.0 5	188.0 4	106.0 5	61.0 5	45.0 4	41.0 4	33.0 4	26.0 4	18.0 4
1970	2680.0 1	933.0 1	405.0 1	191.0 2	98.0 3	55.0 3	38.0 3	29.0 3	20.0 3
1971	84.0 7	34.0 7	16.0 7	8.7 8	5.4 8	3.5 8	3.2 8	2.9 8	2.6 8
1972	34.0 9	14.0 9	6.6 9	3.6 9	2.5 9	2.3 9	2.2 9	2.1 9	1.9 9
1973	986.0 2	507.0 2	360.0 2	340.0 1	241.0 1	223.0 1	166.0 1	142.0 1	116.0 1
1974	82.0 8	29.0 8	14.0 8	13.0 7	8.8 7	5.9 7	4.8 7	4.4 7	4.0 7
1975	217.0 6	145.0 5	117.0 4	74.0 4	44.0 5	31.0 5	22.0 5	18.0 5	13.0 5

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
13.0	10.3	19.8	21.7	36.9	35.8	18.5	5.25	2.77	5.05	4.46	12.3
821	514	1049	1035	4452	3773	881	24.5	2.71	10.7	5.74	893
28.7	22.7	32.4	32.2	66.7	61.4	29.7	4.95	1.65	3.28	2.40	29.9
2.96	2.97	1.55	2.16	2.11	2.70	2.28	2.05	0.52	0.60	1.31	3.14
2.21	2.20	1.63	1.48	1.81	1.72	1.60	0.94	0.59	0.65	0.54	2.42
6.97	5.55	10.7	11.7	19.9	19.2	9.96	2.82	1.49	2.71	2.40	6.63

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
15.6	438	20.9	2.10	1.34	-0.358

GILA RIVER BASIN

09499000 TONTO CREEK ABOVE GUN CREEK, NEAR ROOSEVELT, AZ

LOCATION.--Lat 33°58'48", long 111°18'10", in SW 1/4 sec.2, T.7 N., R.10 E., Gila County, Hydrologic Unit 15060105, in Tonto National Forest, on left bank 600 ft (183 m) upstream from Gun Creek, 17 mi (27 km) upstream from high-water line of Roosevelt Lake, and 24 mi (39 km) northwest of Roosevelt.

DRAINAGE AREA.--675 mi² (1,750 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1941	32000	03-14-41	15.1	1942	54400
1942	1250	12-11-41	5.86	1943	66600
1943	15800	03-05-43	11.6	1944	79100
1944	2990	02-24-44	7.29	1945	73300
1945	5320	08-11-45	8.5	1946	37500
1946	10200	09-18-46	9.60	1947	46300
1947	7130	12-28-46	8.78	1948	27500
1948	3240	07-26-48	7.32	1949	114000
1949	9890	01-13-49	9.60	1950	27400
1950	5500	07-16-50	8.25	1951	81000
1951	31100	08-28-51	14.10	1952	224000
1952	45400	01-18-52	16.55	1953	50500
1953	2620	07-30-53	6.79	1954	39700
1954	8100	03-23-54	8.68	1955	61800
1955	15200	08-06-55	10.55	1956	17100
1956	2330	07-18-56	6.27	1957	104000
1957	15000	01-09-57	10.60	1958	101000
1958	10600	03-22-58	9.30	1959	29700
1959	11100	08-19-59	9.45	1960	212000
1960	25200	12-26-59	13.00	1961	18000
1961	12900	09-08-61	10.00	1962	66600
1962	3000	09-06-62	6.97	1963	58200
1963	19700	08-22-63	11.90	1964	26600
1964	12000	07-30-64	9.75	1965	136000
1965	12900	01-07-65	9.91	1966	196000
1966	44700	12-22-65	16.70	1967	34500
1967	7550	12-07-66	8.20	1968	189000
1968	19700	12-19-67	11.70	1969	88800
1969	10600	01-26-69	9.40	1970	57800
1970	53000	09-05-70	18.20	1971	20400
1971	5280	09-09-71	7.65	1972	36200
1972	2600	12-26-71	6.44	1973	375000
1973	39800	10-19-72	16.00	1974	28100
1974	3800	08-06-74	8.20	1975	60300
1975	2020	10-29-74	8.03		

GILA RIVER BASIN

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09499000 TONTO CREEK ABOVE GUN CREEK, NEAR ROOSEVELT, AZ--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1942											1	22	22	23	28	62	35	50	44	31	22	10	8	5	2										
1943	5	1	1	1		1	9		20	13	18	15	20	19	65	45	22	17	22	26	17	10	7	4	3	1									
1944								13	9	9	13	13	27	63	66	33	20	11	12	17	11	16	9	7	4	9	4			1	1		1		
1945										18	17	36	18	28	64	38	15	33	17	16	21	13	7	8	10	4	2								
1946	26		2		3	4	8	4	4	2	23	12	37	60	59	67	20	11	7	3	6	1	2			1	1			1	1				
1947	30		4		2	1	6	3	5	7	12	13	20	20	42	46	49	47	22	11	8	7	2	3	3	1					1				
1948	22		1		1	10	2	16	28	9	6	10	22	27	35	64	23	22	21	34	10	2		1											
1949									24	10	10	13	28	59	38	19	17	18	10	15	31	19	18	11	14	7	2	1				1			
1950					3	2	1	10	6	21	36	16	18	41	45	59	35	25	15	10	12	5	4	1											
1951					2	9	8	10	30	32	15	15	30	63	38	57	22	13	7	5	2	1	1	1		1						1		2	
1952												7	19	32	44	42	30	40	26	22	17	10	19	19	15	9	10	1	1	1			1	1	
1953		2	4	1	2	2	3	4	11	1	4	13	20	62	24	49	49	33	20	18	19	10	3	1	9	1									
1954	15	1	2	1	3	2	5	8	11	13	13	13	47	102	42	32	13	16	6	2	6	2	2	1	1	2	3		1						
1955	6	1		1	1	1	2	6	6	11	35	32	29	87	60	31	6	7	3	6	3	6	7	5	4	4	2	2	1						
1956	40	1			3	24	6	4	13	7	8	39	32	14	54	52	27	18	10	10	1	1	1	1											
1957					3	19	2	3	23	9	12	29	50	27	18	41	20	26	16	12	10	10	9	11	7	2	1	2			3				
1958							2		5	11	13	13	26	29	60	47	32	22	17	13	10	22	15	12	8	2	2	2	1	1					
1959	33			1	2	2	2		17	19	9	3	14	31	131	34	24	15	9	7	4	1	2	3											
1960									2	10	26	34	42	20	21	27	21	17	20	19	23	26	16	15	8	5	7		2		3	1	1		
1961	3			1	5	11	15	10	15	17	4	18	30	106	45	27	21	14	12	7	2			1											
1962				1	3	6	12	26	28	13	24	23	40	34	32	10	14	6	14	21	19	16	17	5	1										
1963	46			1	1	4	3	7	2	6	27	34	42	75	28	21	22	14	4	10	6	1	6	2											
1964	11					1	6	5	12	12	16	32	85	80	28	16	12	10	21	11	4	2	1	1											
1965				1	1	1		2	3	45	20	21	32	60	13	10	15	30	16	21	19	11	14	9	13	3	2	2			1				
1966									6	13	16	34	27	35	34	30	15	16	23	51	21	11	4	4	4	9	4	2	2			2	2		
1967	10				4				2	4	21	17	16	19	82	101	37	20	12	7	4	3	1	2		2									
1968					2	1	8	8	9	26	34	26	32	30	17	15	11	16	32	25	19	23	9	12	2	3	3	1	1	1					
1969							1	8	2	10	22	57	72	35	30	21	21	19	15	15	16	14	2	1	2										
1970	1			1		7	4	8	11	11	25	26	25	84	73	35	18	8	12	8	4	1	1												
1971	26					1	2	3	9	23	15	29	39	94	66	31	6	5	3	6	6	4	1	1	1										
1972	2		1	2	2		1	6	11	18	48	40	28	57	27	54	14	13	10	6	8	6	3	3	2	2	2								
1973										2	1		14	14	5	47	27	31	24	21	32	24	22	19	18	27	15	6	10	3	2			1	
1974	12	1	1	2	1	10	4	12	10	14	13	10	15	42	47	56	39	33	25	10	2	1	1	1	2	1									
1975										8	16	41	25	24	84	39	14	20	23	15	12	18	11	8	2	5									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	288	12418	100.0	12	7.8	897	9859	79.4	24	620	145	420	3.3
1	0.10	7	12130	97.7	13	11.0	1450	8962	72.2	25	890	123	275	2.2
2	0.20	16	12123	97.6	14	16.0	1789	7512	60.5	26	1300	64	152	1.2
3	0.30	11	12107	97.5	15	23.0	1504	5723	46.1	27	1900	23	88	.7
4	0.40	35	12096	97.4	16	34.0	817	4219	34.0	28	2700	28	65	.5
5	0.60	103	12061	97.1	17	48.0	711	3402	27.4	29	3800	9	37	.2
6	0.90	99	11958	96.3	18	70.0	538	2691	21.7	30	5500	14	28	.2
7	1.30	143	11859	95.5	19	100.0	499	2153	17.3	31	8000	5	14	.1
8	1.80	316	11716	94.3	20	140.0	438	1654	13.3	32	11000	8	9	
9	2.60	359	11400	91.8	21	210.0	331	1216	9.8	33	17000	1	1	
10	3.80	511	11041	88.9	22	300.0	241	885	7.1	34				
11	5.40	671	10530	84.8	23	430.0	224	644	5.2					

09499000 TONTO CREEK ABOVE GUN CREEK, NEAR ROOSEVELT, AZ--CONTINUED

LOWEST MEAN VALUE AND PANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CURIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1942	5.00 35	5.70 35	6.00 34	6.60 34	7.50 33	12.00 33	17.00 30	20.00 28	37.00 25
1943	0.00 1	0.00 1	0.06 14	0.52 14	1.30 12	3.10 11	7.70 12	12.00 16	21.00 14
1944	1.30 25	1.30 25	1.30 23	1.40 22	2.80 18	6.30 20	7.20 11	10.00 12	56.00 29
1945	3.10 32	3.10 32	3.20 30	3.30 28	4.60 28	11.00 31	19.00 31	24.00 33	59.00 31
1946	0.00 2	0.00 2	0.00 1	0.00 1	0.55 9	1.30 3	3.60 2	7.40 3	13.00 4
1947	0.00 3	0.00 3	0.00 2	0.00 2	0.01 3	1.70 6	5.00 7	7.90 5	20.00 12
1948	0.00 4	0.00 4	0.00 3	0.00 3	0.15 6	2.50 8	8.70 17	13.00 17	26.00 19
1949	1.90 27	2.00 27	2.20 26	2.30 25	3.60 24	8.30 27	20.00 33	21.00 31	44.00 27
1950	0.40 20	0.47 19	0.74 20	1.19 20	2.00 15	5.20 15	11.00 22	13.00 18	16.00 7
1951	0.50 22	0.53 22	0.57 18	0.73 17	1.30 10	2.60 9	6.40 8	8.20 6	17.00 8
1952	6.60 36	6.60 36	6.70 35	7.80 35	15.00 36	21.00 35	35.00 36	38.00 36	142.00 35
1953	0.10 18	0.13 17	0.19 15	0.51 13	2.40 16	11.00 32	16.00 29	23.00 32	25.00 17
1954	0.00 5	0.00 5	0.00 4	0.14 10	1.40 13	5.40 16	8.00 13	10.00 13	31.00 22
1955	0.00 6	0.00 6	0.01 13	0.49 12	3.20 20	6.40 21	8.10 14	11.00 14	14.00 5
1956	0.00 7	0.00 7	0.00 5	0.00 4	0.00 1	1.30 4	6.50 9	7.50 4	11.00 2
1957	0.50 23	0.50 20	0.57 19	0.64 15	3.20 21	7.50 25	8.30 15	20.00 29	27.00 20
1958	1.50 26	1.70 26	2.40 27	3.00 26	4.50 26	7.20 24	11.00 23	18.00 25	82.00 32
1959	0.00 8	0.00 8	0.00 6	0.00 5	0.11 5	1.19 2	4.60 5	8.80 10	17.00 9
1960	2.20 29	2.70 30	3.20 31	4.30 31	6.00 29	6.70 22	9.70 18	12.00 15	26.00 18
1961	0.00 9	0.00 9	0.27 17	0.67 16	1.30 11	2.20 7	3.60 3	8.60 9	16.00 6
1962	0.40 21	0.57 23	1.10 22	1.40 21	2.70 17	5.90 19	8.40 16	10.00 11	34.00 24
1963	0.00 10	0.00 10	0.00 7	0.00 6	0.00 2	0.33 1	2.80 1	6.30 2	22.00 15
1964	0.00 11	0.00 11	0.00 8	0.43 11	1.70 14	4.90 13	11.00 24	18.00 26	24.00 16
1965	0.30 19	0.50 21	1.70 24	4.10 29	6.10 30	9.90 28	14.00 27	17.00 23	133.00 34
1966	2.00 28	2.10 28	2.50 28	3.20 27	4.50 27	7.70 26	12.00 25	15.00 21	28.00 21
1967	0.00 12	0.00 12	0.00 9	0.80 18	3.20 22	5.40 17	9.70 19	14.00 19	19.00 10
1968	1.10 24	1.19 24	1.70 25	2.20 24	3.20 23	7.00 23	32.00 35	37.00 35	58.00 30
1969	2.50 30	2.70 29	3.00 29	4.10 30	7.70 34	13.00 34	19.00 32	21.00 30	38.00 26
1970	0.00 13	0.47 18	0.97 21	1.90 23	3.00 19	4.90 14	11.00 20	18.00 27	35.00 23
1971	0.00 14	0.00 13	0.00 10	0.00 7	0.36 7	2.80 10	4.60 4	6.20 1	12.00 3
1972	0.00 15	0.07 16	0.26 16	0.94 19	3.70 25	5.60 18	7.10 10	8.30 7	9.50 1
1973	3.50 33	3.60 33	9.30 36	10.00 36	12.00 35	22.00 36	26.00 34	30.00 34	185.00 36
1974	0.00 16	0.00 14	0.00 11	0.02 9	0.52 8	4.50 12	11.00 21	17.00 24	20.00 13
1975	2.90 31	3.00 31	3.40 32	4.50 32	7.00 31	10.00 29	15.00 28	15.00 22	82.00 33

GILA RIVER BASIN

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09499000 TONTO CREEK ABOVE GUN CREEK, NEAR ROOSEVELT, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1942	762.0 30	617.0 28	427.0 27	388.0 27	269.0 25	203.0 23	162.0 23	157.0 20	126.0 20
1943	5650.0 12	2990.0 13	1570.0 15	855.0 16	498.0 17	413.0 15	303.0 16	244.0 15	169.0 15
1944	1880.0 21	1460.0 21	1350.0 18	1050.0 14	822.0 9	535.0 11	390.0 12	302.0 11	206.0 12
1945	1630.0 23	1110.0 22	849.0 22	752.0 19	675.0 14	427.0 13	321.0 13	262.0 13	181.0 13
1946	4070.0 15	3080.0 12	1550.0 16	758.0 18	391.0 21	230.0 21	155.0 25	117.0 25	81.0 25
1947	4040.0 16	1890.0 18	990.0 19	517.0 23	305.0 23	208.0 22	165.0 22	137.0 22	100.0 22
1948	579.0 32	328.0 34	234.0 33	144.0 33	122.0 31	105.0 30	82.0 30	68.0 30	63.0 27
1949	5530.0 13	2880.0 14	1660.0 13	1140.0 12	757.0 11	653.0 7	526.0 6	435.0 7	298.0 7
1950	579.0 33	390.0 32	291.0 32	211.0 30	186.0 28	122.0 28	93.0 29	80.0 28	62.0 28
1951	14700.0 3	10700.0 1	4850.0 1	2310.0 2	1170.0 6	595.0 10	397.0 11	299.0 12	207.0 11
1952	21200.0 1	9190.0 3	4410.0 3	2300.0 3	1810.0 3	957.0 5	912.0 3	821.0 2	587.0 2
1953	1020.0 27	881.0 25	786.0 24	593.0 20	352.0 22	197.0 24	167.0 21	155.0 21	119.0 21
1954	3480.0 18	2340.0 16	1640.0 14	893.0 15	475.0 18	247.0 20	168.0 20	131.0 23	97.0 23
1955	3430.0 19	2060.0 17	1390.0 17	825.0 17	619.0 16	415.0 14	308.0 15	233.0 16	157.0 16
1956	517.0 34	344.0 33	173.0 34	101.0 34	80.0 34	61.0 34	53.0 33	50.0 31	40.0 32
1957	6780.0 9	4990.0 7	2590.0 7	1270.0 8	1110.0 7	740.0 6	523.0 7	400.0 8	269.0 8
1958	4350.0 14	2610.0 15	1970.0 11	1290.0 7	878.0 8	602.0 9	429.0 9	328.0 9	238.0 9
1959	3370.0 20	1620.0 20	813.0 23	462.0 26	266.0 26	142.0 27	95.0 28	72.0 29	55.0 30
1960	14300.0 4	8700.0 4	4040.0 4	2020.0 5	1810.0 4	1070.0 3	882.0 5	709.0 5	568.0 3
1961	1400.0 24	647.0 27	336.0 29	166.0 32	100.0 33	62.0 33	42.0 34	32.0 34	31.0 34
1962	1010.0 28	701.0 26	637.0 25	525.0 22	461.0 19	372.0 17	317.0 14	247.0 14	175.0 14
1963	9500.0 7	3970.0 10	1940.0 12	1220.0 11	712.0 12	378.0 16	252.0 17	189.0 18	131.0 18
1964	800.0 29	437.0 31	308.0 31	170.0 31	122.0 32	84.0 31	61.0 31	47.0 32	53.0 31
1965	6410.0 10	4220.0 9	2130.0 10	1060.0 13	805.0 10	608.0 8	499.0 8	525.0 6	361.0 6
1966	15300.0 2	9560.0 2	4690.0 2	3520.0 1	2570.0 1	1400.0 2	974.0 2	771.0 3	526.0 4
1967	3500.0 17	1820.0 19	940.0 20	485.0 25	262.0 27	148.0 26	109.0 26	89.0 26	67.0 26
1968	8240.0 8	4930.0 8	2690.0 6	1470.0 6	1200.0 5	1040.0 4	886.0 4	718.0 4	495.0 5
1969	6060.0 11	3770.0 11	2200.0 9	1230.0 9	685.0 13	530.0 12	414.0 10	326.0 10	225.0 10
1970	11100.0 6	5830.0 6	2580.0 8	1230.0 10	634.0 15	337.0 18	229.0 19	173.0 19	127.0 19
1971	679.0 31	508.0 30	344.0 28	224.0 29	145.0 30	83.0 32	57.0 32	43.0 33	32.0 33
1972	1790.0 22	1050.0 24	576.0 26	487.0 24	279.0 24	157.0 25	159.0 24	129.0 24	90.0 24
1973	13700.0 5	7720.0 5	3570.0 5	2120.0 4	1860.0 2	1550.0 1	1200.0 1	1010.0 1	903.0 1
1974	1120.0 26	602.0 29	332.0 30	274.0 28	174.0 29	106.0 29	97.0 27	81.0 27	62.0 29
1975	1250.0 25	1060.0 23	915.0 21	587.0 21	410.0 20	328.0 19	245.0 18	190.0 17	147.0 17

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
66.4	49.5	206	236	180	327	160	49.3	12.8	24.8	111	52.6
35830	6641	197800	120500	59070	167500	56480	8427	332	1230	49280	14450
189	81.5	445	347	243	409	238	91.8	18.2	35.1	222	120
4.70	3.71	3.75	1.71	2.18	2.09	2.37	3.93	3.25	4.31	3.41	4.02
2.85	1.65	2.16	1.47	1.35	1.25	1.49	1.86	1.43	1.41	2.00	2.28
4.51	3.36	13.9	16.0	12.2	22.2	10.8	3.34	0.86	1.68	7.51	3.57

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
115	11120	105	2.18	0.91	-0.236

GILA RIVER BASIN

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09502800 WILLIAMSON VALLEY WASH NEAR PAULDEN, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1966	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.25 1
1967	0.00 2	0.00 2	0.00 2	0.00 2	0.02 6	0.33 6	0.42 5	0.83 5	1.10 4
1968	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	0.00 2	0.38 4	0.83 6	1.10 5
1969	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3	0.02 3	0.33 3	0.45 3	0.75 2
1970	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.03 4	0.11 2	0.35 2	1.00 3
1971	0.25 8	0.30 8	0.34 8	0.46 8	0.85 10	1.00 8	1.10 8	1.30 8	1.80 8
1972	0.12 7	0.19 7	0.23 7	0.30 7	0.33 7	0.50 7	0.68 7	0.86 7	1.19 6
1973	0.56 11	0.61 11	0.65 11	0.84 11	0.86 11	1.19 9	1.50 9	1.70 11	8.20 11
1974	0.39 9	0.39 9	0.42 9	0.51 9	0.81 9	1.50 11	1.60 10	1.60 9	1.90 9
1975	0.45 10	0.50 10	0.54 10	0.56 10	0.77 8	1.19 10	1.60 11	1.60 10	2.00 10

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1966	1620.0 1	656.0 1	299.0 1	248.0 1	196.0 1	113.0 2	76.0 2	58.0 2	38.0 2
1967	838.0 4	331.0 4	146.0 4	69.0 4	35.0 4	19.0 5	13.0 5	10.0 5	7.1 5
1968	968.0 3	422.0 3	202.0 3	103.0 3	67.0 3	35.0 3	25.0 3	19.0 3	13.0 3
1969	208.0 5	150.0 5	82.0 5	43.0 5	30.0 5	19.0 4	13.0 4	11.0 4	7.3 4
1970	111.0 6	71.0 6	43.0 6	21.0 7	11.0 7	6.1 7	4.1 8	3.1 8	2.6 9
1971	105.0 7	55.0 7	27.0 7	24.0 6	16.0 6	9.6 6	6.9 6	5.4 6	4.1 6
1972	40.0 9	17.0 9	7.7 9	3.8 10	2.5 10	2.4 10	2.3 10	2.2 10	2.0 10
1973	1210.0 2	636.0 2	286.0 2	210.0 2	196.0 2	148.0 1	103.0 1	79.0 1	67.0 1
1974	100.0 8	37.0 8	16.0 8	7.9 8	5.5 8	4.8 8	4.2 7	3.9 7	3.4 7
1975	27.0 10	11.0 10	6.4 10	4.0 9	3.4 9	3.3 9	3.1 9	3.0 9	2.8 8

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
9.16	5.52	25.1	8.78	15.4	20.7	14.9	1.21	0.70	1.22	4.62	1.62
565	69.0	3254	190	834	2930	1063	0.76	0.53	1.19	32.2	1.85
23.8	8.31	57.0	13.8	28.9	54.1	32.6	0.87	0.73	1.09	5.67	1.36
3.16	2.61	2.99	2.97	2.76	3.14	2.75	1.05	0.67	1.15	1.28	1.91
2.60	1.50	2.27	1.57	1.87	2.62	2.19	0.72	1.04	0.89	1.23	0.84
8.40	5.07	23.1	8.06	14.2	19.0	13.7	1.11	0.64	1.12	4.24	1.49

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
8.34	118	10.9	2.18	1.30	-0.229

09503000 GRANITE CREEK NEAR PRESCOTT, AZ

LOCATION.--Lat 34°34', long 112°27', in SW¹/₄ sec.26, T.14 N., R.2 W. (unsurveyed), Yavapai County, at bridge on U.S. Highway 89, 2 mi (3.2 km) north of Prescott and 4.5 mi (7.2 km) upstream from Willow Creek.

DRAINAGE AREA.--39 mi² (101 km²).

WATER YEAR	ANNUAL PEAK DISCH., CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK, FT	CODE	ANNUAL MAX GAGE HT., FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1933	230	09-07-33		5.89				1933	813
1934	450	08-30-34		7.15				1934	561
1935	600	08-30-35		7.75	NM	7.96	02-07-35	1935	8133000
1936	500	09-11-36		7.41				1936	889
1937	2900	02-07-37		9.20				1937	13300
1938	2400	03-03-38		8.70				1938	5420
1939	638	08-04-39		6.45				1939	1880
1940	83	09-29-40		4.36				1940	1390
1941	1530	03-01-41		7.00				1941	17500
1942	1110	08-17-42		6.95				1942	1950
1943	1780	08-28-43		7.3				1943	2480
1944	297	03-14-44		5.34				1944	3990
1945	2200	08-10-45		8.20				1945	6880
1946	899	07-20-46		6.88				1946	2100
1947	251	07-21-47		5.72				1947	553
1963	6660	08-19-63	HP	12.50					
1966	1500	12-0 -65	HP	8.00					

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1933	200	3	9	31	40	12	7	4	10	7	5	6	7	4	6	9	4																			
1934	319	13	3	3	2	1		3	2	2	1		4	1	2	3	2	1	1		1	1														
1935	315	5	14	3	3	1		6		6	2	2		2	3						1														1	
1936	226	42	17	9	7	7	2	5	4	6	5	6	6	3	4	7	4	4	1	1																
1937	68	69	31	20	32	13	3	20	5	5	4	10	7	4	3	6	9	14	8	8	7	4	4	2	1	3	1	2								
1938	122	51	54		37	9	5	7	14	9	7	10	4	4	3	6	4	2	2	5	1	2	2	3												
1939	124	81	11	5	12	10	12	10		16	8	11	9	19	7	12	8	4	4	1																
1940	143	60	36	7	14	7	9	12		23	12	10		9	2	5	9	2	3	2	1															
1941	20	8	16	3	24	26	8	32		27	7	8	14	8	6	18	16	21	22	26	17	6	12	8	6	1	4	1								
1942	35	41	35	13	5	7	4	14	22	45	24	34	36	32	8	6	2																			
1943	204	15	19	17	7	10	7	8	7	6	19	6	6	9	2	5	4	5	2		3	1	2													
1944	134	27	23	14	27	10	7	11	17	14	14	6	24	2	1	2	5	3	2	6	3	9	4	1												
1946	199	24	5	2	8	19	21	9		29	10	7	3	3	4	4	3	4	1	4	2	2	1	1												
1947	286	17	5	4	6	3	5	6		8	9		4	3	2	1	2	1	1	1	1															

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2395	5113	100.0	12	4.4	124	730	14.3	24	140	7	25	.4
1	0.10	456	2718	53.2	13	5.8	103	606	11.9	25	190	4	18	.3
2	0.20	278	2262	44.2	14	7.8	53	503	9.8	26	250	7	14	.2
3	0.30	131	1984	38.8	15	10.0	84	450	8.8	27	340	3	7	.1
4	0.40	224	1853	36.2	16	14.0	72	366	7.2	28	450		4	
5	0.60	135	1629	31.9	17	19.0	62	294	5.8	29	610		4	
6	0.80	90	1494	29.2	18	25.0	48	232	4.5	30	810	2	4	
7	1.00	147	1404	27.5	19	33.0	57	184	3.6	31	1100	1	2	
8	1.40	81	1257	24.6	20	44.0	36	127	2.5	32	1500		1	
9	1.80	203	1176	23.0	21	59.0	25	91	1.8	33				
10	2.40	127	973	19.0	22	79.0	26	66	1.3	34				
11	3.30	116	846	16.5	23	110.0	15	40	0.8					

NM Not maximum gage height for water year.

HP Isolated historic peak; not part of systematic record.

GILA RIVER BASIN

337

09503000 GRANITE CREEK NEAR PRESCOTT, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1933	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.60 5
1934	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 1
1935	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2
1936	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.02 6	0.58 4
1937	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.04 12	0.22 12	0.40 12	2.30 13
1938	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.00 5	0.00 4	0.91 8
1939	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.01 10	0.04 10	0.23 10	2.00 12
1940	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 6	0.01 7	0.03 7	0.85 7
1941	0.00 9	0.00 9	0.04 15	0.04 15	0.67 15	1.40 15	1.80 15	1.70 15	13.00 15
1942	0.00 10	0.00 10	0.00 9	0.00 9	0.05 14	0.25 14	0.76 14	0.88 13	1.40 10
1943	0.00 11	0.00 11	0.00 10	0.00 10	0.00 9	0.00 7	0.03 8	0.29 11	0.84 6
1944	0.00 12	0.00 12	0.00 11	0.00 11	0.01 13	0.06 13	0.07 11	0.21 9	1.30 9
1945	0.00 13	0.00 13	0.00 12	0.00 12	0.00 10	0.01 11	0.03 9	0.19 8	4.40 14
1946	0.00 14	0.00 14	0.00 13	0.00 13	0.00 11	0.00 8	0.24 13	0.91 14	1.80 11
1947	0.00 15	0.00 15	0.00 14	0.00 14	0.00 12	0.00 9	0.00 6	0.00 5	0.02 3

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1933	28.0 14	14.0 13	13.0 13	11.0 11	8.5 11	5.0 12	3.4 12	2.6 12	1.8 12
1934	62.0 9	25.0 12	15.0 12	11.0 12	9.1 10	4.6 13	3.0 13	2.3 13	1.5 13
1935	1410000.0 1	4700000.0 1	2010000.0 1	940000.0 1	470000.0 1	235000.0 1	157000.0 1	118000.0 1	77100.0 1
1936	34.0 12	27.0 11	20.0 10	14.0 10	8.0 12	6.5 10	4.4 11	3.3 11	2.3 11
1937	1450.0 2	685.0 2	330.0 2	273.0 2	151.0 2	104.0 2	72.0 2	54.0 3	36.0 3
1938	1050.0 3	489.0 3	270.0 3	144.0 3	78.0 4	43.0 4	29.0 4	22.0 4	15.0 4
1939	85.0 8	49.0 8	35.0 8	22.0 8	12.0 9	7.7 8	5.5 9	4.5 10	3.0 10
1940	56.0 10	43.0 9	31.0 9	17.0 9	13.0 8	8.0 7	6.9 7	5.5 8	3.6 9
1941	364.0 4	250.0 4	156.0 4	132.0 4	110.0 3	86.0 3	69.0 3	63.0 2	46.0 2
1942	33.0 13	13.0 14	12.0 14	9.7 13	8.0 13	6.3 11	6.1 8	5.5 9	4.3 7
1943	282.0 5	145.0 5	80.0 6	44.0 6	26.0 6	18.0 6	12.0 6	9.1 6	6.0 6
1944	130.0 7	99.0 6	90.0 5	70.0 5	54.0 5	30.0 5	21.0 5	16.0 5	11.0 5
1946	134.0 6	63.0 7	45.0 7	27.0 7	14.0 7	7.2 9	5.2 10	6.0 7	4.1 8
1947	44.0 11	30.0 10	17.0 11	9.3 14	4.9 14	4.0 14	2.8 14	2.1 14	1.4 14

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.71	0.44	3.19	3.83	19.4	22.1	7.69	0.88	0.20	0.66	30330	1.33
3.55	0.82	71.3	82.0	1680	832	309	3.50	0.12	0.57	1.00E+09	8.93
1.89	0.90	8.44	9.06	41.0	28.9	17.6	1.87	0.34	0.75	117400	2.99
3.53	1.91	3.55	3.46	3.26	1.10	3.45	3.14	2.54	1.22	3.87	3.71
2.66	2.06	2.64	2.37	2.11	1.31	2.28	2.14	1.72	1.14	3.87	2.25
0.00	0.00	0.01	0.01	0.06	0.07	0.03	0.00	0.00	0.00	99.8	0.00

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
2765	106600000	10320	3.74	3.73	-0.091

GILA RIVER BASIN

09503700 VERDE RIVER NEAR PAULDEN, AZ

LOCATION.--Lat 34°53'42", long 112°20'26", in SW¼SW¼ sec.35, T.18 N., R.1 W., Yavapai County, Hydrologic Unit 15060201, in Prescott National Forest, on right bank 0.3 mi (0.5 km) upstream from Verde Valley Ranch, 7 mi (11 km) east of Paulden, 8 mi (13 km) upstream from Hell Canyon, 8 mi (13 km) downstream from Granite Creek, and 10 mi (16 km) downstream from Sullivan Lake.

DRAINAGE AREA.--2,530 mi² (6,550 km²), approximately (includes 373 mi² or 966 km² in Aubrey Valley Playa, a closed basin).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1963	710	08-25-63	5.18	1964	19000
1964	1270	08-05-64	5.44	1965	24300
1965	685	04-10-65	4.35	1966	36600
1966	6130	12-30-65	8.48	1967	20100
1967	1250	12-07-66	5.42	1968	21000
1968	1800	01-28-68	6.08	1969	19000
1969	465	07-26-69	3.85	1970	18700
1970	705	08-19-70	4.40	1971	19000
1971	2270	08-13-71	6.51	1972	17300
1972	1620	08-08-72	5.87	1973	55300
1973	3040	10-20-72	7.03	1974	18100
1974	270	09-05-74	3.31	1975	18500
1975	73	07-09-75	2.48		

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1964		20	85	135	100	4	2	2	2		1		1	1	9	1				1	1			1											
1965				193	141	7		2	2	1	2		1				2		3	2	3	2	1	1	1	1									
1966			6	98	220	7	3	4	5	2	2	3			1	1		1	2					1	1	2	1	1					3	1	
1967				31	294	25	2	3		2			1	1		1	2		1					1	1										
1968				104	230	11	4	3		2		2	4	1		2	2	1																	
1969				51	237	64	3	1		2	2	1	1			2						1						1		1					
1970				52	256	39	4	3	3	1	2	1	1			1	1		1																
1971					166	180	6		2	3		2	1	1	1	1				1							1								
1972		1	15	253	74	13	2	1	1	1					1		2	2																	
1973				29	217	35	4	6	6	5	3	3	3	1	4	3	3	2	6	1	5	6	5	3	2	5	2	3		1		1		1	
1974				33	47	6	1	3	1	1	1		1			1																			
1975					288	57	18	2																											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4383	100.0	12	73.0	14	142	3.2	24	410	4	29	.6
1	15.00	21	4383	100.0	13	85.0	5	128	2.9	25	480	10	25	.5
2	17.00	106	4362	99.5	14	98.0	15	123	2.8	26	550	3	15	.3
3	20.00	1115	4256	97.1	15	110.0	11	108	2.5	27	640	5	12	.2
4	23.00	2584	3141	71.7	16	130.0	12	97	2.2	28	740		7	.1
5	27.00	274	557	12.7	17	150.0	6	85	1.9	29	850	1	7	.1
6	31.00	43	283	6.5	18	170.0	11	79	1.8	30	980		6	.1
7	36.00	32	240	5.5	19	200.0	7	68	1.6	31	1100	1	6	.1
8	41.00	23	208	4.7	20	230.0	10	61	1.4	32	1300	3	5	.1
9	48.00	17	185	4.2	21	270.0	8	51	1.2	33	1500	1	2	
10	55.00	15	168	3.8	22	310.0	7	43	1.0	34	1800	1	1	
11	63.00	11	153	3.5	23	360.0	7	36	0.8					

GILA RIVER BASIN

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09503700 VERDE RIVER NEAR PAULDEN, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1964	15.00 1	15.00 1	15.00 1	15.00 1	16.00 1	18.00 1	19.00 1	19.00 1	20.00 1
1965	20.00 6	20.00 6	20.00 4	20.00 3	20.00 3	21.00 3	22.00 3	22.00 3	22.00 3
1966	19.00 3	19.00 3	19.00 3	20.00 4	20.00 4	22.00 4	22.00 4	23.00 8	23.00 4
1967	20.00 4	20.00 4	21.00 5	21.00 5	22.00 8	23.00 8	24.00 13	24.00 12	25.00 11
1968	21.00 7	21.00 7	21.00 6	21.00 6	22.00 9	22.00 5	22.00 5	23.00 9	23.00 5
1969	22.00 12	22.00 12	22.00 9	22.00 9	22.00 10	23.00 9	23.00 10	24.00 13	25.00 12
1970	21.00 8	21.00 8	22.00 10	22.00 10	22.00 11	23.00 10	23.00 11	23.00 10	24.00 8
1971	21.00 9	21.00 9	21.00 7	21.00 7	21.00 5	22.00 6	22.00 6	22.00 4	23.00 6
1972	16.00 2	17.00 2	18.00 2	18.00 2	19.00 2	20.00 2	21.00 2	21.00 2	21.00 2
1973	21.00 10	22.00 10	22.00 11	22.00 11	22.00 6	23.00 11	23.00 7	23.00 5	35.00 13
1974	22.00 11	22.00 11	23.00 12	23.00 12	23.00 12	23.00 12	23.00 8	23.00 6	24.00 9
1975	23.00 13	23.00 13	23.00 13	23.00 13	24.00 13	24.00 13	24.00 12	24.00 11	25.00 10

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1964	398.0 7	287.0 5	183.0 5	129.0 4	83.0 5	54.0 5	43.0 5	38.0 5	31.0 5
1965	491.0 5	385.0 4	321.0 3	269.0 3	155.0 3	90.0 3	68.0 3	57.0 3	45.0 3
1966	1750.0 2	1270.0 2	599.0 2	460.0 1	338.0 2	189.0 2	134.0 2	107.0 2	79.0 2
1967	407.0 6	270.0 6	133.0 6	76.0 7	51.0 7	38.0 7	33.0 7	31.0 7	30.0 6
1968	641.0 3	430.0 3	219.0 4	120.0 5	87.0 4	56.0 4	46.0 4	40.0 4	35.0 4
1969	232.0 8	140.0 8	82.0 10	53.0 10	40.0 10	34.0 10	32.0 8	30.0 8	28.0 8
1970	174.0 9	140.0 9	85.0 9	55.0 9	45.0 9	36.0 8	31.0 9	29.0 9	27.0 9
1971	544.0 4	229.0 7	118.0 7	94.0 6	63.0 6	42.0 6	35.0 6	32.0 6	29.0 7
1972	162.0 10	107.0 10	92.0 8	57.0 8	47.0 8	35.0 9	30.0 10	28.0 10	26.0 11
1973	2160.0 1	1410.0 1	699.0 1	390.0 2	355.0 1	245.0 1	173.0 1	137.0 1	126.0 1
1974	115.0 11	61.0 11	41.0 11	32.0 12	31.0 12	28.0 12	28.0 11	27.0 11	25.0 12
1975	38.0 12	35.0 12	34.0 12	33.0 11	32.0 11	29.0 11	28.0 12	27.0 12	27.0 10

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
37.2	25.1	49.2	30.6	34.8	47.6	39.9	23.3	22.7	25.7	36.3	23.6
2634	17.1	6062	216	823	6551	1683	11.3	3.13	11.0	307	6.97
51.3	4.14	77.9	14.7	28.7	80.9	41.0	3.36	1.77	3.32	17.5	2.64
3.46	2.34	3.41	2.03	3.09	3.46	2.55	0.18	1.40	0.50	1.69	2.04
1.38	0.16	1.58	0.48	0.82	1.70	1.03	0.14	0.08	0.13	0.48	0.11
9.39	6.35	12.4	7.72	8.78	12.0	10.1	5.88	5.72	6.49	9.17	5.97

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
33.0	239	15.5	2.48	0.47	-0.220

GILA RIVER BASIN

09504000 VERDE RIVER NEAR CLARKDALE, AZ

LOCATION.--Lat 34°51'05", long 112°03'55", in SE¼ sec.17, T.17 N., R.3 E., Yavapai County, Hydrologic Unit 15060203, in Prescott National Forest, on left bank 1.7 mi (2.7 km) downstream from Sycamore Creek and 5.6 mi (9.0 km) north of Clarkdale.

DRAINAGE AREA.--3,520 mi² (9,120 km²), approximately (includes 373 mi² or 966 km² in Aubrey Valley Playa, a closed basin).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1916	6860	01-18-16	HP		1916	198000
1918	35500	03-08-18	HP		1918	142000
1920	50600	02-21-20	HP	19.10	1919	135000
1966	12900	12-10-65		12.30	1920	305000
1967	22500	12-06-66		15.79	1966	163000
1968	1630	01-28-68		5.32	1967	113000
1969	14800	01-25-69			1968	84600
1970	717	09-06-70		3.77	1969	114000
1971	3930	07-31-71		6.99	1970	65800
1972	7540	12-26-71		9.17	1971	63800
1973	14000	10-19-72		12.50	1972	69600
1974	3960	09-26-74		6.70	1973	306000
1975	1560	03-20-75		4.55	1974	61000
					1975	69400

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1916			9241	18	6	6	2	1		5	5	2	9	5	11	3	8	10	11	5	1	3			1			1								
1918			1310	13	5	5	16	1	1	2			2	1	1			2		1		1										2		1		
1919			260	8	8	7	6	4	8	23	2	4	5	4	1	1	1	19	1	2	1															
1920			10110	112	5	25	7	4	11	4	6	2	8	15	3	3	13		7	2			2	2				9	4					1	1	
1966			1210	65	24	2	2	5	9	3	7	4	2	2	2	4	4	1	3	4	3	2			2		2		1	1						
1967			2214	116	11	2		6	2	2	3			2	1		1						1											1	1	
1968			255	36	10	5	16	8	4	5	4	3	4	4	1	6	1	3	1																	
1969			106154	30	11	6	13	11		2	3	4	3	3	1	1	1	3	6	3	3					1										
1970			87218	31	6	1	13			3	2	1	1	1	1																					
1971			122219	7	2	2		3	4	1	1	1	1	1		1		1																		
1972			2292	58	3			2	1	2				1	1			2		1							1									
1973			70114	17	9	9	10	11	8	9	7	6	8	7	11	11	8	8	14	13	4	3	3	2	1			1				1		1		
1974		32	86192	42	4		3	2				3		1																						
1975			114176	35	14	6	7	4	1	1	1	1	1	1	1	1	1																			
1976			131164	14	7	7	5	6	3	9	5	4	2	2	2				2	1								1					1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5480	100.0	12	350.0	43	412	7.5	24	2700	4	37	.6
1	55.00	47	5480	100.0	13	420.0	53	369	6.7	25	3200	3	33	.6
2	65.00	1807	5433	99.1	14	500.0	36	316	5.8	26	3800	12	30	.5
3	77.00	2435	3626	66.2	15	590.0	34	280	5.1	27	4500	6	18	.3
4	91.00	268	1191	21.7	16	700.0	36	246	4.5	28	5300	1	12	.2
5	110.00	106	923	16.8	17	820.0	30	210	3.8	29	6300	1	11	.2
6	130.00	74	817	14.9	18	980.0	56	180	3.3	30	7400	1	10	.1
7	150.00	100	743	13.6	19	1200.0	38	124	2.3	31	8800	3	9	.1
8	180.00	70	643	11.7	20	1400.0	26	86	1.6	32	10000	2	6	.1
9	210.00	51	573	10.5	21	1600.0	9	60	1.1	33	12000	3	4	
10	250.00	75	522	9.5	22	1900.0	9	51	0.9	34	15000	1	1	
11	300.00	35	447	8.2	23	2300.0	5	42	0.8					

HP Isolated historic peak; not part of systematic record.

09504000 VERDE RIVER NEAR CLARKDALE, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1916	76.00 13	76.00 13	77.00 13	77.00 13	78.00 13	78.00 13	78.00 10	85.00 15	96.00 12
1918	76.00 14	77.00 14	77.00 14	79.00 15	82.00 15	83.00 15	84.00 15	84.00 14	90.00 8
1919	77.00 15	77.00 15	77.00 15	78.00 14	80.00 14	82.00 14	83.00 14	83.00 13	145.00 14
1920	55.00 1	57.00 1	60.00 2	62.00 2	66.00 2	71.00 5	73.00 6	77.00 7	91.00 9
1966	64.00 3	65.00 3	65.00 3	66.00 3	67.00 4	68.00 2	68.00 1	71.00 1	73.00 1
1967	64.00 4	65.00 4	65.00 4	66.00 4	66.00 3	70.00 3	72.00 4	73.00 5	74.00 3
1968	66.00 6	66.00 6	66.00 6	67.00 5	69.00 5	70.00 4	71.00 2	72.00 2	78.00 4
1969	71.00 11	73.00 12	74.00 11	74.00 11	75.00 12	76.00 10	78.00 11	81.00 12	100.00 13
1970	71.00 12	71.00 11	71.00 10	71.00 10	72.00 10	74.00 7	76.00 8	80.00 11	85.00 7
1971	69.00 9	70.00 9	70.00 9	70.00 9	71.00 9	74.00 8	75.00 7	76.00 6	78.00 5
1972	64.00 5	65.00 5	65.00 5	69.00 6	69.00 6	72.00 6	73.00 5	73.00 3	73.00 2
1973	69.00 10	70.00 10	75.00 12	75.00 12	75.00 11	77.00 12	79.00 13	79.00 9	362.00 15
1974	59.00 2	59.00 2	59.00 1	60.00 1	61.00 1	65.00 1	71.00 3	73.00 4	79.00 6
1975	67.00 7	68.00 7	68.00 7	69.00 7	71.00 7	76.00 11	78.00 12	79.00 10	95.00 10

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1916	5170.0 6	2420.0 6	1710.0 6	1420.0 5	1140.0 5	1040.0 3	831.0 3	644.0 3	450.0 3
1918	14600.0 2	6350.0 4	5250.0 2	2610.0 2	1400.0 3	743.0 5	524.0 5	415.0 5	306.0 5
1919	1660.0 9	1550.0 9	1260.0 7	1000.0 8	696.0 7	447.0 7	349.0 8	282.0 8	287.0 6
1920	15000.0 1	7670.0 2	5570.0 1	3520.0 1	2440.0 1	1490.0 1	1110.0 1	1040.0 1	760.0 1
1966	6950.0 5	4250.0 5	2040.0 5	1380.0 6	1150.0 4	765.0 4	536.0 4	525.0 4	377.0 4
1967	14200.0 3	8820.0 1	4030.0 3	1930.0 4	1000.0 6	537.0 6	384.0 6	307.0 6	228.0 7
1968	1030.0 10	934.0 10	779.0 10	602.0 9	449.0 9	321.0 9	240.0 9	198.0 9	155.0 9
1969	3200.0 8	1570.0 8	1220.0 8	1120.0 7	654.0 8	420.0 8	380.0 7	306.0 7	228.0 8
1970	500.0 13	433.0 13	293.0 12	217.0 13	160.0 13	123.0 13	111.0 13	104.0 13	98.0 12
1971	880.0 12	477.0 12	291.0 13	266.0 11	199.0 12	139.0 12	118.0 12	107.0 12	98.0 13
1972	3800.0 7	2010.0 7	996.0 9	508.0 10	294.0 10	185.0 10	149.0 10	130.0 10	111.0 10
1973	11000.0 4	7480.0 3	3920.0 4	1990.0 3	1530.0 2	1270.0 2	1010.0 2	804.0 2	633.0 2
1974	444.0 14	278.0 14	165.0 14	150.0 14	122.0 14	103.0 14	99.0 14	89.0 14	86.0 14
1975	897.0 11	697.0 11	426.0 11	264.0 12	224.0 11	173.0 11	144.0 11	127.0 11	110.0 11

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
159	151	246	169	337	403	199	94.7	74.4	128	114	90.1
63480	32410	103300	27960	379700	170500	135400	4823	39.4	19870	1775	579
252	180	321	167	616	413	368	69.4	5.28	141	42.1	24.1
3.70	2.89	2.05	2.00	3.24	1.31	3.78	3.97	0.19	4.00	1.17	1.63
1.59	1.19	1.30	0.99	1.83	1.03	1.85	0.73	0.08	1.10	0.37	0.27
7.33	7.00	11.4	7.79	15.6	18.6	9.19	4.37	3.44	5.89	5.27	4.16

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
186	13250	115	1.30	0.62	-0.120

GILA RIVER BASIN

09504500 OAK CREEK NEAR CORNVILLE, AZ

LOCATION.--Lat 34°45'56", long 111°53'24", in NW¼SE¼ sec.23, T.16 N., R.4 E., Yavapai County, Hydrologic Unit 15060202, near left bank on downstream side of pier of county highway bridge, 0.2 mi (0.3 km) upstream from Page Springs, 4 mi (6 km) northeast of Cornville, and 15 mi (24 km) upstream from mouth.

DRAINAGE AREA.--357 mi² (925 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1938		03-03-38	1885	23.	1941	139000
1941	5240	03-14-41		7.36	1942	49400
1942	2580	10-13-41		6.17	1943	51300
1943	3640	03-10-43		6.72	1944	64800
1944	2180	04-06-44		6.15	1945	75100
1945	6020	07-30-45		7.80	1949	85300
1946	1200	- -		5.25	1950	49700
1948	605	07-26-48		4.71	1951	29500
1949	2260	09-09-49		7.15	1952	98600
1950	6400	10-19-49		10.5	1953	25200
1951	3440	08-29-51		8.12	1954	54900
1952	17200	12-30-51		14.5	1955	26400
1953	858	07-14-53		5.10	1956	21400
1954	7850	03-23-54		9.4	1957	57700
1955	6400	08-23-55		8.7	1958	97600
1956	675	08-17-56		4.93	1959	28700
1957	5150	01-10-57		8.20	1960	47800
1958	9620	11-03-57		9.99	1961	31000
1959	3750	08-05-59		7.60	1962	60100
1960	4340	12-25-59		7.87	1963	23000
1961	4340	07-31-61		7.87	1964	35200
1962	7280	02-12-62		9.35	1965	93800
1963	990	08-17-63		5.55	1966	104000
1964	10300	08-14-64		14.00	1967	79000
1965	3090	04-04-65		9.29	1968	50300
1966	17600	11-25-65		15.18	1969	82000
1967	19200	12-06-66		14.68	1970	53900
1968	816	02-26-68		4.64	1971	23000
1969	15800	01-25-69		13.55	1972	35000
1970	24700	09-05-70	1938	16.49	1973	174000
1971	4050	08-27-71		7.82	1974	25000
1972	4020	12-26-71		7.80	1975	44000
1973	8790	10-19-72		10.61		
1974	3220	07-07-74		7.44		
1975	4820	07-14-75		8.5		

GILA RIVER BASIN

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09504500 OAK CREEK NEAR CORNVILLE, AZ--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1941			1	6	59	27	27	20	44	15	8	12	7	18	12	17	17	12	11	13	10	3	8	4	3	7	1	2	1						
1942		1	6	33	25	34	35	20	47	44	31	19	10	20	6	11	6	4	7		3	2		1											
1943			9	22	60	33	47	91	20	11	21	9	6	8	3	3	4	5	2	2		3	1		1	3	1								
1944		4	14	48	28	11	17	53	85	16	14	8	8	10	10	2	1	6	2	10	6	4	7	2											
1945				5	35	38	62	26	55	44	19	5	8	9	6	5	9	6	5	6	5	5	5	4	2	1									
1949					4	32	68	79	38	34	18	9	8	5	7	7	4	13	4	7	7	5	6	8	2										
1950			2	16	29	76	60	81	27	17	10		4	7	5	6	6	6	4	3	2		2	1				1							
1951			3	46	52	43	82	97	17	10	5		2	1	1	2				1	1		1			1									
1952			1	49	50	28	46	32	27	21	30		9	15	15	8	2	4	6	4	2	3		6	4		1	1							
1953			6	27	35	99	66	82	26	5	4		2	6	5	2																			
1954			11	37	36	67	73	94	10	11	3		2	2		1	2	1	3	1	3	2	2	2											
1955			3	30	54	77	128	35	7	4	5		7	6	3	2	1	2	1																
1956			5	34	68	73	84	82	13	4	1		1	1																					
1957				23	60	44	97	55	25	13	5		2	6	3	5		5	4	3	2	5	4			2	2								
1958			18	42	13	29	62	71	25	13	12		8	9	6	7	9	14	8	2	1	3	3	2	3	1	1								
1959			1	33	39	59	111	60	24	12	6		5	3	3	4	3	1			1	1	3	2											
1960			2	52	21	62	68	60	24	15	15		6	7	5	4	6	4	4	2	5	2	1				1								
1961			1	28	38	60	70	130	11	4	6		3	6	1	1		1		2	1	1	1	1											
1962				34	59	72	42	71	23	8	8		3	11	6	1	2	3	1	4	6	3	2	3	1	1									
1963				31	58	47	108	97	15	3	3		2	1																					
1964				16	57	46	117	75	10	9	5		4	9	4	4		1	3	1	3	2													
1965				20	87	83	48	32	10	7			4	10	7	2	5	6	10	6	9	5	2	4			6	2							
1966			3	57	33	40	67	38	39	14	7		9	10	3	6	2	4	6	4	4	3	5	3	2	1	1	1	1						
1967				15	42	87	120	55	12	7	4		4	4	4																				
1968			13	43	47	58	51	38	23	11	3		12	16	10	9	5	9	8	3	5	2		1	1										
1969			4	51	35	77	80	21	15	8	10		13	9	8	2		4	4	1	5	3	6	3	2	1	1								
1970			4	28	52	52	137	31	12	11	6		3	4	6	5	3	4	2			1	1												
1971			11	34	38	85	89	83	10	9	2		1	1	1																				
1972				13	48	112	113	50	13	3	2		2		2	1	1		1	1	1	1		1	1										
1973				10	54	49	14	19	24	25	15		22	16	12	14	7	13	13	10	6	11	4	6	5	8	6								
1974			14	26	48	70	63	105	13	8	3		9	3			1	1	1																
1975				10	45	83	32	94	19	12	10		9	18	5	10	6	4	2	1	1	3	1												

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	11687	100.0	12	84.0	193	1564	13.4	24	1100	30	102	.8
1	8.00	5	11687	100.0	13	100.0	252	1371	11.7	25	1300	32	72	.6
2	9.90	30	11682	100.0	14	130.0	160	1119	9.6	26	1700	14	40	.3
3	12.00	216	11652	99.7	15	160.0	141	959	8.2	27	2100	8	26	.2
4	15.00	996	11436	97.9	16	200.0	103	818	7.0	28	2600	3	18	.1
5	19.00	1306	10440	89.3	17	240.0	135	715	6.1	29	3200	4	15	.1
6	23.00	1938	9134	78.2	18	300.0	113	580	5.0	30	3900	2	11	
7	29.00	2352	7196	61.6	19	370.0	91	467	4.0	31	4800	3	9	
8	36.00	1993	4844	41.4	20	460.0	90	376	3.2	32	6000	4	6	
9	44.00	660	2851	24.4	21	570.0	70	286	2.4	33	7400		2	
10	55.00	378	2191	18.7	22	710.0	62	216	1.8	34	9200	2	2	
11	68.00	249	1813	15.5	23	880.0	52	154	1.3					

09504500 OAK CREEK NEAR CORNVILLE, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1941	11.00 4	14.00 10	14.00 6	15.00 12	16.00 6	18.00 11	19.00 7	19.00 2	110.00 32
1942	9.00 2	9.70 2	11.00 2	12.00 3	13.00 3	15.00 3	17.00 3	21.00 7	43.00 20
1943	10.00 3	10.00 3	11.00 3	11.00 1	12.00 1	14.00 1	15.00 2	20.00 3	24.00 1
1944	8.00 1	8.00 1	9.40 1	11.00 2	13.00 2	14.00 2	14.00 1	16.00 1	47.00 27
1945	13.00 9	14.00 11	15.00 10	15.00 13	16.00 7	18.00 12	25.00 28	31.00 30	100.00 29
1949	16.00 29	19.00 32	20.00 32	21.00 32	23.00 32	25.00 31	28.00 32	28.00 25	101.00 30
1950	13.00 10	15.00 19	16.00 22	18.00 29	20.00 29	24.00 29	25.00 29	28.00 26	30.00 10
1951	14.00 17	14.00 12	15.00 11	15.00 14	16.00 8	18.00 13	18.00 4	32.00 31	35.00 15
1952	14.00 18	15.00 20	15.00 12	15.00 15	16.00 9	18.00 14	19.00 8	22.00 8	97.00 28
1953	13.00 11	14.00 13	15.00 13	15.00 16	16.00 10	20.00 20	23.00 25	25.00 19	28.00 6
1954	13.00 12	13.00 6	14.00 7	14.00 7	16.00 11	18.00 15	21.00 14	27.00 23	46.00 21
1955	13.00 13	13.00 7	15.00 14	17.00 21	18.00 20	22.00 26	23.00 26	25.00 20	29.00 7
1956	12.00 5	14.00 14	15.00 15	16.00 17	17.00 18	20.00 21	22.00 17	24.00 16	25.00 2
1957	16.00 30	16.00 25	16.00 23	17.00 22	18.00 21	25.00 32	28.00 33	36.00 33	35.00 16
1958	12.00 6	12.00 4	12.00 4	13.00 4	14.00 4	16.00 4	19.00 9	28.00 24	64.00 26
1959	14.00 19	15.00 21	16.00 24	17.00 23	18.00 22	20.00 22	22.00 18	24.00 17	32.00 11
1960	14.00 20	14.00 15	15.00 16	15.00 8	16.00 12	17.00 7	19.00 10	22.00 9	30.00 8
1961	14.00 21	16.00 26	17.00 28	17.00 24	18.00 23	19.00 16	22.00 19	29.00 27	42.00 18
1962	16.00 31	16.00 27	17.00 29	17.00 25	19.00 26	20.00 23	22.00 20	23.00 12	48.00 23
1963	15.00 25	16.00 28	16.00 25	16.00 18	18.00 24	19.00 17	20.00 11	23.00 13	27.00 5
1964	15.00 26	15.00 22	16.00 26	17.00 26	19.00 25	20.00 24	22.00 21	32.00 32	38.00 17
1965	19.00 33	19.00 33	20.00 33	21.00 33	23.00 33	25.00 33	27.00 30	29.00 28	104.00 31
1966	14.00 22	14.00 16	15.00 17	15.00 9	16.00 13	17.00 8	18.00 5	21.00 4	33.00 12
1967	16.00 27	17.00 29	18.00 30	19.00 30	22.00 31	23.00 27	23.00 22	31.00 29	34.00 13
1968	13.00 14	13.00 8	14.00 8	14.00 5	16.00 14	18.00 9	21.00 15	21.00 5	35.00 14
1969	13.00 15	14.00 17	15.00 18	15.00 10	16.00 15	16.00 5	19.00 6	21.00 6	47.00 22
1970	14.00 16	14.00 18	15.00 19	16.00 19	17.00 19	19.00 18	20.00 12	23.00 14	43.00 19
1971	12.00 7	13.00 9	14.00 9	15.00 11	16.00 16	17.00 6	20.00 13	22.00 10	26.00 3
1972	15.00 23	16.00 23	16.00 20	18.00 27	20.00 27	24.00 30	24.00 27	25.00 18	27.00 4
1973	16.00 28	17.00 30	17.00 27	19.00 31	21.00 30	22.00 25	23.00 23	23.00 15	232.00 33
1974	12.00 8	12.00 5	13.00 5	14.00 6	15.00 5	18.00 10	22.00 16	27.00 21	30.00 9
1975	17.00 32	17.00 31	18.00 31	18.00 28	20.00 28	23.00 28	27.00 31	27.00 22	54.00 24

09504500 OAK CREEK NEAR CORNVILLE, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1941	2840.0 10	1830.0 9	1300.0 10	938.0 6	780.0 3	661.0 2	525.0 2	450.0 2	343.0 2
1942	972.0 21	501.0 25	345.0 25	258.0 23	236.0 21	167.0 21	131.0 21	117.0 19	105.0 18
1943	1900.0 13	1530.0 13	1110.0 11	726.0 11	502.0 13	291.0 15	209.0 15	166.0 15	119.0 15
1944	1070.0 20	914.0 18	795.0 16	652.0 14	529.0 12	374.0 9	274.0 11	218.0 11	156.0 11
1945	1300.0 17	1180.0 14	909.0 14	652.0 15	530.0 11	425.0 7	316.0 9	249.0 10	177.0 10
1949	1190.0 18	1110.0 15	973.0 13	736.0 10	641.0 6	503.0 4	358.0 6	288.0 7	202.0 8
1950	2250.0 12	1000.0 17	509.0 20	337.0 20	299.0 19	176.0 20	140.0 20	116.0 20	108.0 17
1951	1190.0 19	726.0 20	351.0 24	190.0 25	109.0 25	65.0 27	53.0 27	50.0 27	47.0 25
1952	7040.0 3	3680.0 3	1700.0 6	867.0 9	638.0 7	355.0 10	292.0 10	341.0 4	243.0 4
1953	192.0 30	138.0 30	123.0 28	85.0 28	64.0 29	53.0 28	51.0 28	48.0 28	42.0 29
1954	5720.0 6	3040.0 7	1530.0 7	1060.0 3	567.0 9	304.0 14	215.0 14	170.0 14	123.0 14
1955	314.0 29	267.0 26	211.0 26	148.0 26	102.0 26	69.0 26	58.0 26	52.0 26	45.0 27
1956	122.0 32	66.0 32	54.0 31	43.0 32	41.0 31	39.0 31	38.0 31	38.0 31	36.0 32
1957	1530.0 16	1090.0 16	717.0 17	662.0 13	429.0 14	309.0 13	220.0 13	174.0 13	131.0 13
1958	5460.0 7	2700.0 8	1760.0 5	1030.0 5	643.0 5	419.0 8	322.0 8	250.0 9	229.0 5
1959	524.0 26	259.0 27	164.0 27	143.0 27	102.0 27	70.0 25	59.0 25	54.0 25	47.0 26
1960	1570.0 15	853.0 19	552.0 18	409.0 19	302.0 18	177.0 19	158.0 17	138.0 17	102.0 19
1961	828.0 22	668.0 22	397.0 23	220.0 24	129.0 24	83.0 24	69.0 24	61.0 24	53.0 24
1962	2420.0 11	1550.0 12	1040.0 12	615.0 16	351.0 16	334.0 12	247.0 12	195.0 12	140.0 12
1963	156.0 31	77.0 31	51.0 32	47.0 31	41.0 32	39.0 32	38.0 32	38.0 32	37.0 30
1964	651.0 24	597.0 23	414.0 22	318.0 21	193.0 23	114.0 23	88.0 23	75.0 23	62.0 23
1965	1820.0 14	1740.0 10	1450.0 9	920.0 7	777.0 4	486.0 5	363.0 5	312.0 5	218.0 6
1966	6160.0 4	3610.0 4	1810.0 4	875.0 8	634.0 8	538.0 3	374.0 4	363.0 3	254.0 3
1967	14000.0 1	8120.0 1	3750.0 1	1780.0 1	910.0 2	477.0 6	330.0 7	255.0 8	184.0 9
1968	605.0 25	565.0 24	525.0 19	421.0 18	346.0 17	234.0 16	193.0 16	155.0 16	116.0 16
1969	4560.0 8	3420.0 5	1880.0 3	1040.0 4	553.0 10	338.0 11	376.0 3	292.0 6	202.0 7
1970	7340.0 2	3380.0 6	1500.0 8	720.0 12	375.0 15	202.0 17	141.0 19	111.0 21	95.0 20
1971	351.0 28	160.0 29	105.0 29	69.0 30	48.0 30	41.0 30	40.0 30	40.0 30	37.0 31
1972	2840.0 9	1630.0 11	891.0 15	455.0 17	248.0 20	142.0 22	107.0 22	89.0 22	69.0 22
1973	6040.0 5	4010.0 2	1960.0 2	1310.0 2	1160.0 1	773.0 1	576.0 1	454.0 1	357.0 1
1974	357.0 27	171.0 28	90.0 30	78.0 29	69.0 28	53.0 29	49.0 29	46.0 29	42.0 28
1975	774.0 23	671.0 21	433.0 21	279.0 22	222.0 22	192.0 18	145.0 18	118.0 18	93.0 21

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
56.1	64.3	114	81.4	118	205	191	34.3	21.0	24.4	38.0	45.2
9687	8012	33490	9475	16880	26280	61810	1177	64.1	65.2	283	3721
98.4	89.5	183	97.3	130	162	249	34.3	8.01	8.08	16.8	61.0
4.96	3.67	3.07	3.62	2.00	0.59	2.13	4.99	3.43	0.73	1.28	5.04
1.76	1.39	1.61	1.20	1.11	0.79	1.30	1.00	0.38	0.33	0.44	1.35
5.65	6.48	11.5	8.20	11.8	20.7	19.3	3.45	2.12	2.46	3.83	4.55

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
82.6	2430	49.3	1.40	0.60	-0.148

09505200 WET BEAVER CREEK NEAR RIMROCK, AZ

LOCATION.--Lat 34°40'29", long 111°40'17", in NW¼SW¼ sec.24, T.15 S., R.6 E., Yavapai County, Hydrologic Unit 15060202, in Coconino National Forest, on right bank 4.5 mi (7.2 km) northeast of Rimrock and 5.7 mi (9.2 km) upstream from Red Tank Draw.

DRAINAGE AREA.--111 mi² (287 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1962	1870	02-12-62	8.50	1962	25200
1963	748	08-27-63	6.87	1963	6400
1964	2030	08-06-64	9.40	1964	14200
1965	6100	01-06-65	11.58	1965	30800
1966	6150	11-25-65	11.62	1966	38300
1967	4340	07-31-67	10.52	1967	11700
1968	982	03-10-68	6.80	1968	30200
1969	3500	01-25-69	9.84	1969	26600
1970	7670	09-05-70	12.41	1970	12000
1971	2890	09-01-71	9.24	1971	7200
1972	4020	07-16-72	10.25	1972	14600
1973	5490	10-19-72	11.32	1973	74500
1974	119	03-18-74	4.47	1974	6890
1975	1060	04-15-75	6.97	1975	18100

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
	NUMBER OF DAYS IN CLASS																																	
1962	121151	13	2	2	4	4	4	4	2	5	5	2	3	5	3	7	1	4	3	6	5	8	3				1	1						
1963	86229	29	5	3	2	1	1	1	1		2	2				2	2																	
1964	32260	35	4	3	1	2	2				2	1	3			2	1	3	3	2	1	4	3	2										
1965	37170	35	6	8	11	4	7	3	2	5	5	2	5	3	8	6	12	9	4	3	7	3	4	2	1	2					1			
1966	10178	82	3	4	8	5	11	6	5	5	3	5	4	5			3	3	3	4	1	3	3	3	4					1	1		1	
1967	89227	18	5	1	5	1	2	1	5	2	1	1	1			1		1		1														
1968	147	82	16	12	4	8	4	5	5	4	4	2	3	8	5	4	8	13	9	7	1	7	8									1		
1969	41228	9	5	6	3	4	5	3	5	2	8	4	3	6	5	2	4	4	4	4	2	6	2	1				1	1			1		
1970	1296	21	8		6	3	6	7		4	1	3	3	3	3	1									1								1	
1971	14251	67	6	6	5	3	1	2	5	2					1						1	1												
1972	3245	22	48	14	7	1	7	1	2	3	1		2		2		1	1	1			1	3										1	
1973	122	38	10	6	11	5	10	7	8	9	6	8	9	18	8	12	15	7	6	10	8	7	7	5	8					1	1	1		
1974	314	20	1	8	2	3	3	3	2	1	1	2	2	3																				
1975	260	36	4	2	1		1	3	2	3	4	8	9	5	2	6	10	2	1	1	2	2	1											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5113	100.0	12	43.0	37	574	11.2	24	400	18	60	1.1
1	5.50	581	5113	100.0	13	52.0	42	537	10.5	25	480	13	42	.8
2	6.70	3013	4532	88.6	14	62.0	52	495	9.7	26	570	11	29	.5
3	8.10	441	1519	29.7	15	75.0	55	443	8.7	27	690	4	18	.3
4	9.80	119	1078	21.1	16	90.0	40	388	7.6	28	830	1	14	.2
5	12.00	67	959	18.8	17	110.0	42	348	6.8	29	1000	2	13	.2
6	14.00	74	892	17.4	18	130.0	66	306	6.0	30	1200	3	11	.2
7	17.00	41	818	16.0	19	160.0	39	240	4.7	31	1400	4	8	.1
8	20.00	65	777	15.2	20	190.0	35	201	3.9	32	1700	1	4	
9	25.00	44	712	13.9	21	230.0	29	166	3.2	33	2100	1	3	
10	30.00	45	668	13.1	22	270.0	47	137	2.7	34	2500	2	2	
11	36.00	49	623	12.2	23	330.0	30	90	1.8					

09505200 WET BEAVER CREEK NEAR RIMROCK, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1962	5.60 1	5.70 1	5.80 1	5.90 2	5.90 1	6.10 1	6.30 1	6.30 1	21.00 13
1963	5.90 4	6.00 4	6.10 6	6.10 3	6.30 6	6.40 4	6.40 2	6.50 2	8.20 4
1964	6.40 7	6.40 7	6.50 9	6.60 9	6.70 9	7.00 11	7.20 12	7.70 12	12.00 9
1965	6.40 8	6.40 8	6.40 7	6.50 7	6.70 10	6.90 9	7.20 13	8.50 16	51.00 15
1966	6.40 9	6.60 12	6.70 12	6.70 10	6.80 11	7.20 14	7.60 16	8.00 15	9.20 7
1967	5.70 2	5.80 2	5.80 2	5.80 1	5.90 2	6.20 2	6.50 3	7.70 13	8.00 3
1968	6.00 5	6.00 5	6.00 3	6.10 4	6.20 3	6.50 5	6.50 4	6.50 3	16.00 10
1969	6.40 10	6.40 9	6.40 8	6.50 8	6.50 7	6.70 7	6.70 7	7.30 10	16.00 11
1970	6.60 11	6.70 13	6.70 13	6.70 11	7.00 14	7.10 12	7.10 10	7.20 8	12.00 8
1971	6.60 12	6.60 10	6.60 10	6.70 12	6.70 8	6.80 8	6.90 8	7.00 6	9.00 6
1972	6.60 13	6.60 11	6.70 11	6.90 15	7.00 15	7.20 15	7.40 14	7.90 14	8.70 5
1973	6.80 16	6.80 16	6.90 16	7.00 16	7.10 16	7.30 16	7.60 15	7.60 11	94.00 16
1974	6.70 14	6.70 14	6.80 14	6.80 13	6.90 12	7.10 13	7.10 11	7.20 9	7.60 2
1975	6.70 15	6.70 15	6.80 15	6.80 14	7.00 13	7.00 10	7.00 9	7.10 7	21.00 12

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1962	700.0 8	565.0 8	417.0 6	272.0 6	178.0 6	161.0 5	120.0 6	92.0 6	63.0 6
1963	107.0 13	68.0 14	42.0 14	24.0 14	19.0 14	13.0 14	11.0 14	9.8 14	10.0 14
1964	353.0 11	344.0 11	264.0 11	229.0 7	133.0 8	70.0 8	49.0 9	39.0 9	32.0 8
1965	1520.0 5	890.0 4	447.0 5	354.0 3	287.0 2	198.0 3	158.0 2	147.0 2	99.0 2
1966	2520.0 2	1090.0 3	524.0 3	382.0 2	267.0 3	199.0 2	136.0 4	140.0 3	97.0 3
1967	1360.0 7	704.0 7	315.0 9	152.0 11	80.0 11	44.0 11	31.0 11	25.0 11	20.0 11
1968	392.0 10	372.0 10	301.0 10	277.0 5	248.0 4	178.0 4	145.0 3	113.0 4	77.0 4
1969	1630.0 4	1100.0 2	568.0 2	299.0 4	180.0 5	125.0 6	127.0 5	97.0 5	66.0 5
1970	1760.0 3	754.0 6	329.0 7	157.0 10	82.0 10	45.0 10	32.0 10	26.0 10	25.0 10
1971	264.0 12	169.0 12	78.0 12	45.0 13	27.0 13	17.0 13	14.0 13	12.0 13	12.0 12
1972	1470.0 6	769.0 5	467.0 4	228.0 8	118.0 9	63.0 9	52.0 8	41.0 8	29.0 9
1973	2910.0 1	1370.0 1	697.0 1	450.0 1	433.0 1	330.0 1	258.0 1	203.0 1	157.0 1
1974	83.0 14	73.0 13	70.0 13	48.0 12	30.0 12	20.0 12	16.0 12	14.0 12	12.0 13
1975	410.0 9	393.0 9	321.0 8	206.0 9	147.0 7	114.0 7	79.0 7	61.0 7	43.0 7

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
24.6	19.5	43.3	30.3	46.3	76.3	88.4	14.9	7.19	9.77	10.7	14.1
3574	1131	4786	1970	4290	3956	15220	732	0.86	27.2	43.4	402
59.8	33.6	69.2	44.4	65.5	62.9	123	27.1	0.93	5.21	6.58	20.0
3.69	3.07	2.28	2.19	1.77	0.35	2.07	3.73	1.89	1.64	2.16	3.45
2.43	1.73	1.60	1.46	1.42	0.82	1.40	1.81	0.13	0.53	0.62	1.42
6.39	5.05	11.2	7.87	12.0	19.8	22.9	3.87	1.87	2.54	2.77	3.67

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
32.0	647	25.4	1.80	0.79	-0.213

09505250 RED TANK DRAW NEAR RIMROCK, AZ

LOCATION.--Lat 34°41'43", long 111°42'49", in SE¼NE¼ sec.16, T.15 N., R.6 E., Yavapai County, Hydrologic Unit 15060202, in Coconino National Forest, on left bank 2.5 mi (4.0 km) downstream from confluence of Rarick and Mullican Canyons, and 3.5 mi (5.6 km) northeast of Rimrock.

DRAINAGE AREA.--49.4 mi² (128 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT,FT	DATE	WATER YEAR	TOTAL VOLUME ACRE-FT
1958	1280	03-22-58	6.42				1958	7170
1959	113	02-17-59	3.17				1959	300
1960	1230	12-25-59	6.30				1960	5150
1961	457	03-31-61	4.58	NM	4.64	09-17-61	1961	837
1962	620	02-08-62	5.09				1962	4810
1963	12	03-22-63	2.28				1963	32
1964	1970	08-02-64	7.55				1964	1660
1965	1440	04-04-65	6.67				1965	13400
1966	2010	11-25-65	7.62				1966	10200
1967	425	12-07-66	4.60				1967	873
1968	327	02-14-68	4.31				1968	3480
1969	1650	01-25-69	7.32				1969	6420
1970	10500	09-05-70	12.69				1970	4200
1971	12	10-03-70	2.96				1971	143
1972	745	12-26-71	5.99				1972	2960
1973	2720	10-19-72	8.51				1973	26700
1974	34	01-21-74	3.58				1974	99
1975	407	04-13-75	5.42				1975	2680
							1976	3410

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1958	147	3	35		54		16	11	7	5	10	6	1	7	4	4	1	11	7	5	9	6	2	5	1	3		1								
1959	227	33	53		25		3	3	2	1	1	4	1	1	4	1	1	1	2		1	1														
1960	230	5	17		7		10	6	7	2	7	5	3	7	7	7	4	5	9	3	7	4	3	3	5	2		1								
1961	264	20	24		12	1	7	7	5	4	1	4	2	2	2	1	1	1	2	1				1	2											
1962	245	8	11		7		5	1	4	3	4	1	5	8	2	9	6	5	9	6	5	5	6	5	2	1	2									
1963	310	1	24		15		3	3	5		1			1	1	1																				
1964	311	4	9		6		3	2	1	3		2		1	1	2	1		3	3	3	6	2	2	1											
1965	212	6	15		8	1	17	1	2	3	4	4	5	2	4	5	9	4	5	9	3	6	7	10	8	8	3	2	2							
1966	199		15		16		27	12	14	3	5	4	5	7	3	2	5	7	6	5	7	6	5	2	2	2	1	1	1	2	1					
1967	185	2	28		3	60	5	38	8	5	4	3	4	3	4	1	3	2	1		2	1	2				1									
1968	210	2	13		5		21	3	6	8	4	5	7	15	7	4	14	10	7	7	3	6	3	1	4	1										
1969	241	3	17		3	8	2	11	3	5	1	2	2	3	7	4	2	8	5	10	4	10	4	2	2	3	1	1	1							
1970	258	4	13		2	19	6	21	6	5	2	1	2		5	3	2	5	1	3	2	2	1													
1971	145	9	31		9	32	8	51	26	28	9	7	4	2	1	2	1																			
1972	182	10	27		23	35	15	21	8	9	2	4	2	4	3	3	3	2	1	1		1	1		3	1	2									
1973	107	1	2		2	13	3	18	16	20	15	8	5	6	8	7	8	6	4	5	10	10	20	14	15	12	17	5	5	1		1	1			
1974	218	2	3		2	31	44	42	8	5	3	2		1	1		1	2																		
1975	189	12	42		6	14	1	11	17	10	5	2	1	6	8	6	2	6	2	5	4	5	2	3	2	4										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	3880	6574	100.0	12	1.4	55	893	13.6	24	100	50	127	1.9
1	0.01	125	2694	41.0	13	2.0	85	838	12.7	25	150	36	77	1.1
2	0.02	379	2569	39.1	14	2.9	63	753	11.5	26	210	16	41	.6
3	0.04	50	2190	33.3	15	4.2	60	690	10.5	27	300	13	25	.3
4	0.05	367	2140	32.6	16	5.9	71	630	9.6	28	430	6	12	.1
5	0.08	86	1773	27.0	17	8.5	54	559	8.5	29	610	2	6	
6	0.10	325	1687	25.7	18	12.0	72	505	7.7	30	870	2	4	
7	0.20	141	1362	20.7	19	17.0	71	433	6.6	31	1200	2	2	
8	0.30	140	1221	18.6	20	25.0	57	362	5.5	32				
9	0.50	73	1081	16.4	21	35.0	79	305	4.6	33				
10	0.70	66	1008	15.3	22	50.0	54	226	3.4	34				
11	1.00	49	942	14.3	23	72.0	45	172	2.6					

NM Not maximum gage height for water year.

GILA RIVER BASIN

349

09505250 RED TANK DRAW NEAR RIMROCK, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1958	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	3.40 17
1959	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.01 4
1960	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.07 9
1961	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	1.40 15
1962	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.17 10
1963	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 1
1964	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.88 14
1965	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	16.00 19
1966	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.01 2
1967	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.01 20	0.42 20	0.46 12
1968	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 10	0.00 10	0.42 11
1969	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 11	0.00 11	0.06 8
1970	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 12	0.00 12	0.81 13
1971	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 13	0.00 13	0.03 6
1972	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 14	0.00 14	0.02 5
1973	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 15	0.01 19	19.00 20
1974	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 16	0.00 15	0.01 3
1975	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 17	0.00 16	3.40 18

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1958	573.0 4	244.0 6	186.0 3	111.0 5	71.0 4	41.0 5	31.0 5	24.0 5	19.0 4
1959	36.0 15	28.0 15	14.0 15	9.5 15	4.9 15	2.5 15	1.7 15	1.2 15	0.8 15
1960	356.0 8	179.0 9	116.0 9	84.0 8	43.0 9	30.0 8	29.0 6	22.0 6	14.0 6
1961	116.0 13	82.0 13	43.0 14	21.0 13	11.0 13	5.3 14	3.6 14	2.7 14	2.2 13
1962	225.0 9	187.0 8	147.0 8	85.0 7	48.0 7	39.0 6	27.0 7	20.0 7	13.0 7
1963	5.4 18	3.8 18	1.8 18	0.9 18	0.5 18	0.3 18	0.2 18	0.1 18	0.1 18
1964	107.0 14	76.0 14	44.0 12	37.0 12	19.0 12	9.5 12	6.3 12	4.7 12	4.6 12
1965	477.0 6	325.0 5	183.0 4	169.0 2	111.0 2	81.0 2	63.0 2	56.0 2	37.0 2
1966	913.0 3	370.0 3	177.0 5	143.0 3	109.0 3	76.0 3	51.0 3	43.0 3	28.0 3
1967	212.0 10	98.0 12	43.0 13	20.0 14	10.0 14	5.4 13	3.6 13	2.7 13	2.1 14
1968	154.0 11	128.0 10	98.0 10	66.0 10	47.0 8	27.0 9	19.0 9	15.0 8	9.6 9
1969	505.0 5	346.0 4	171.0 6	94.0 6	50.0 6	48.0 4	36.0 4	27.0 4	18.0 5
1970	1530.0 1	616.0 1	265.0 2	124.0 4	62.0 5	31.0 7	21.0 8	15.0 9	11.0 8
1971	7.6 17	4.1 17	3.2 16	1.8 17	1.0 17	0.9 16	0.7 16	0.6 16	0.4 16
1972	400.0 7	232.0 7	168.0 7	79.0 9	40.0 10	20.0 11	16.0 10	12.0 10	7.9 10
1973	1240.0 2	582.0 2	300.0 1	208.0 1	183.0 1	123.0 1	93.0 1	80.0 1	71.0 1
1974	11.0 16	6.5 16	3.1 17	2.4 16	1.3 16	0.7 17	0.5 17	0.4 17	0.3 17
1975	140.0 12	123.0 11	90.0 11	45.0 11	34.0 11	22.0 10	15.0 11	11.0 11	7.4 11

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
4.94	5.17	12.1	7.10	13.0	22.1	15.1	0.33	0.04	0.08	0.60	3.71
355	153	721	190	335	959	1056	0.88	0.02	0.11	4.10	201
18.8	12.4	26.9	13.8	18.3	31.0	32.5	0.94	0.14	0.33	2.02	14.2
4.18	2.33	2.79	2.23	1.20	2.00	2.53	3.24	4.32	4.36	4.08	4.30
3.81	2.39	2.22	1.94	1.41	1.40	2.15	2.88	3.94	4.35	3.37	3.81
5.87	6.13	14.4	8.43	15.4	26.3	17.9	0.39	0.04	0.09	0.71	4.41

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
6.99	81.9	9.05	2.41	1.29	-0.168

09505300 RATTLESNAKE CANYON NEAR RIMROCK, AZ

LOCATION.--Lat 34°46'01", long 111°40'23", in NW¼SW¼ sec.24, T.16 N., R.6 E., Yavapai County, Hydrologic Unit 15060202, in Coconino National Forest, on left bank 2.6 mi (4.2 km) upstream from mouth, 7 mi (11 km) northeast of Beaver Creek Ranger Station, and 9 mi (14 km) northeast of Rimrock.

DRAINAGE AREA.--24.6 mi² (63.7 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1958	1050	09-12-58	8.31	1958	7620
1959	119	02-17-59	4.19	1959	347
1960	590	12-25-59	6.84	1960	4430
1961	384	09-17-61	5.95	1961	1160
1962	775	02-12-62	7.49	1962	5460
1963	18	03-23-63	2.81	1963	99
1964	288	03-30-64	5.43	1964	1580
1965	1430	01-06-65	8.50	1965	14200
1966	1880	12-30-65	9.20	1966	10200
1967	1240	12-07-66	8.19	1967	2200
1968	306	01-28-68	5.14	1968	5010
1969	2160	01-25-69	9.52	1969	9600
1970	3590	09-05-70	11.50	1970	3020
1971	741	09-01-71	6.97	1971	524
1972	675	12-26-71	6.65	1972	1800
1973	1500	12-28-72	8.69	1973	21700
1974	52	04-03-74	3.20	1974	760
1975	311	04-13-75	5.31	1975	4070

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
														NUMBER	OF	DAYS	IN	CLASS																	
1958	217	12	7	5		1	1	8		6	1	9	6	4	4	6	3	8	8	16	14	5	7	5	3	1	3				1				
1959	312	8	6	2	1		2	2		2	4	3	3	2	2	5	4	1	4			1	1												
1960	233	17	10	7	2	2	1	3	1	3	2	8	1	6	4	8	5	2	8	8	6	6	8	8	5	1		1							
1961	307	8	2	4	2	1	1	3		1	3	1	3	1	4	2	5	5	3	1	2	2		2	1	1									
1962	220	13	9	11	1	1	4	2	2	6	2	8	2	4	3	3	9	4	7	12	8	7	14	4	5	1	1	2							
1963	286	54	5	5	2	2			1		1	1	1		3	1	1	1	2																
1964	296	28	2	2		1	1		1	1	1	2		1	4	1				3	5	4	5	3	1										
1965	163	51	18	6	1	3	3	2	3	1		4	2	4	5	3	5	9	3	12	7	7	7	10	10	9	10	4	1	2					
1966	222	15	4	7	9	2	2	4	1	3	4	4	1	2	3	3	9	7	8	8	12	6	9	5	5	4		1	2	1	2				
1967	267	41	6	5	2		4	6	1	2	4	2	4	2	3	1		2	3	2	2	2													
1968	216	11	4	7		1	6	2	2	4	1	5	5	3	5	10	6	6	5	10	28	8	12	3	3	2	1								
1969	220	35	4	5	4		2		3	2	1	2	1	3	3	3	2	5	8	11	9	7	9	7	9	3	4		1	1	1				
1970	208	89	7	3	1	1	4	1		2	1	2	4	3	6	1	4	3	2	2	9	6	4	1										1	
1971	230	53	12	10		1	9	2	2	8		3	3	5	4	5	3	5	7	2			1												
1972	267	50	3	3	2		3	1	1	2	3	2	2	5	4	3	3	1	3	1	2														
1973	115	6	6	11	3		4	10		6	1	2	4	6	8	6	12	12	9	13	23	27	15	18	11	23	10	2		1		1			
1974	294	16	5	4	2	2	3	1	3	1	3	7		4	2					2	5	3	4	2											
1975	255	16	3	1	3	3	6	1		4	1	3	3			1	1	2	7	8	18	13	7	4	3	2									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	4328	6574	100.0	12	1.2	45	1177	17.9	24	73	59	168	2.5
1	0.01	523	2246	34.2	13	1.7	55	1132	17.2	25	100	50	109	1.6
2	0.02	113	1723	26.2	14	2.4	67	1077	16.4	26	140	28	59	.8
3	0.03	98	1610	24.5	15	3.3	62	1010	15.4	27	200	13	31	.4
4	0.05	35	1512	23.0	16	4.7	75	948	14.4	28	290	6	18	.2
5	0.07	21	1477	22.5	17	6.6	72	873	13.3	29	400	7	12	.1
6	0.10	56	1456	22.1	18	9.3	89	801	12.2	30	570	3	5	
7	0.20	48	1400	21.3	19	13.0	106	712	10.8	31	800	2	2	
8	0.30	21	1352	20.6	20	18.0	150	606	9.2	32				
9	0.40	54	1331	20.2	21	26.0	114	456	6.9	33				
10	0.60	32	1277	19.4	22	37.0	101	342	5.2	34				
11	0.80	68	1245	18.9	23	52.0	73	241	3.7					

GILA RIVER BASIN

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09505300 RATTLESNAKE CANYON NEAR RIMROCK, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1958	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	4.70 16
1959	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.03 3
1960	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.10 5
1961	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	1.90 11
1962	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	3.00 14
1963	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 1
1964	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.98 9
1965	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.01 17	19.00 18
1966	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 8	0.03 4
1967	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.20 19	0.74 8
1968	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.09 18	1.70 10
1969	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 9	2.20 12
1970	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 10	2.60 13
1971	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 11	0.34 7
1972	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 12	0.00 2
1973	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 13	25.00 19
1974	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 14	0.31 6
1975	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 15	5.00 17

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1958	467.0 6	204.0 7	173.0 5	104.0 5	69.0 5	44.0 5	33.0 5	25.0 5	20.0 5
1959	38.0 17	25.0 16	13.0 16	9.5 16	5.6 17	2.8 17	1.9 17	1.4 17	0.9 17
1960	247.0 9	106.0 11	73.0 12	64.0 7	47.0 6	25.0 9	22.0 9	19.0 8	12.0 8
1961	124.0 12	94.0 12	58.0 13	31.0 14	18.0 14	9.0 14	6.0 14	4.5 14	3.1 14
1962	211.0 10	157.0 9	134.0 6	76.0 6	44.0 8	39.0 6	30.0 6	23.0 6	15.0 6
1963	11.0 18	9.6 18	6.1 18	3.3 18	1.7 18	0.8 18	0.6 18	0.4 18	0.3 18
1964	79.0 14	60.0 14	45.0 14	42.0 13	25.0 13	13.0 13	8.4 13	6.4 13	4.3 13
1965	481.0 5	329.0 4	186.0 3	155.0 1	127.0 1	85.0 2	67.0 2	60.0 2	39.0 2
1966	752.0 4	389.0 3	180.0 4	111.0 4	86.0 3	64.0 3	43.0 4	42.0 3	28.0 3
1967	446.0 7	286.0 6	130.0 7	61.0 8	30.0 10	16.0 10	11.0 10	7.9 10	5.9 11
1968	152.0 11	94.0 13	77.0 11	56.0 11	46.0 7	34.0 7	27.0 7	21.0 7	14.0 7
1969	773.0 3	506.0 1	261.0 1	152.0 2	78.0 4	56.0 4	54.0 3	40.0 4	26.0 4
1970	800.0 2	287.0 5	123.0 8	58.0 9	29.0 11	14.0 11	9.6 12	7.2 12	6.9 10
1971	48.0 15	20.0 17	11.0 17	9.2 17	6.2 16	3.2 16	2.2 16	1.7 16	1.3 16
1972	320.0 8	177.0 8	113.0 9	54.0 12	27.0 12	14.0 12	10.0 11	7.6 11	5.0 12
1973	1000.0 1	451.0 2	228.0 2	135.0 3	117.0 2	100.0 1	78.0 1	62.0 1	49.0 1
1974	42.0 16	29.0 15	26.0 15	18.0 15	11.0 15	5.5 15	4.3 15	3.2 15	2.1 15
1975	119.0 13	110.0 10	86.0 10	58.0 10	41.0 9	33.0 8	23.0 8	17.0 9	11.0 9

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
3.51	4.25	10.2	8.42	11.1	24.1	20.7	2.10	0.00	0.02	0.14	2.05
197	120	437	361	232	501	1282	75.6	0.00	0.00	0.07	44.3
14.0	10.9	20.9	19.0	15.2	22.4	35.8	8.69	0.00	0.07	0.26	6.65
4.23	2.91	2.54	3.04	1.24	0.56	2.31	4.24	2.70	3.79	2.15	4.01
4.00	2.57	2.05	2.26	1.37	0.93	1.73	4.13	2.78	3.37	1.87	3.24
4.05	4.91	11.8	9.72	12.8	27.8	23.9	2.43	0.00	0.02	0.16	2.37

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
7.20	62.1	7.88	1.72	1.09	-0.181

09505350 DRY BEAVER CREEK NEAR RIMROCK, AZ

LOCATION.--Lat 34°43'43", long 111°46'30", in NE¼ sec.1, T.15 N., R.5 E., Yavapai County, Hydrologic Unit 15060202, in Coconino National Forest, on left upstream abutment of abandoned highway bridge, 400 ft (122 m) upstream from present State Highway 179 and 5.5 mi (8.8 km) north of Rimrock.

DRAINAGE AREA.--142 mi² (368 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1961	1610	07-14-61	5.40	1961	6190
1962	2510	02-12-62	6.86	1962	30700
1963	3260	08-17-63	7.88	1963	990
1964	1160	03-30-64	5.05	1964	10700
1965	7970	01-06-65	9.07	1965	54200
1966	9670	11-23-65	9.69	1966	52400
1967	9460	12-07-66	9.62	1967	21000
1968	652	02-11-68	4.32	1968	26200
1969	10600	01-25-69	9.98	1969	37600
1970	26600	09-05-70	14.35	1970	20800
1971	537	09-01-71	4.24	1971	2440
1972	2740	12-26-71	6.19	1972	10100
1973	6160	12-28-72	8.22	1973	97900
1974	253	04-03-74	3.68	1974	3640
1975	1220	04-14-75	5.08	1975	17000

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1961	309	3	1		3	1	1	3	2	2	1	2	1	1	2	4	1	3	8	4	1	6		1	2		1	2								
1962	267						2		2	1	1	1	4	1	2	2	2	5	7	5	11	7	12	5	6	13	6	2	1							
1963	331	2	1	1		3	4		2	1		2	2	2	1		4	3	1	1				1	1											
1964	302	1	4	1	2	1		3	5	4	2	6	2	2	1	3		2	1	2	1	3	4	4	1	7	2									
1965	185	6	5	2	6	3	3	4	1	5	2	2	8	6	5	8	6	8	8	7	12	8	4	14	10	20	6	4	5	1	1					
1966	212	5	9	5	7	4	7	1	2	4	2	4	2	4	1	6	2	3	8	10	14	12	8	5	5	7	8	4			2	2				
1967	272	9	10	2	5	3	2	2	5	4	4	2	7	6	2	7	3	5	2	3	1	2		1	2	1	1									
1968	244	2	3	2	2	3	3	2		2		4	2	1	1	1		2	6	7	7	10	15	26	14	7										
1969	255	1					2	2	4	1	2	1	3	4	2	2	2	7	3	5	15	10	9	9	7	9	5	1	1		1	1				
1970	271	9	5	2	5	3	6	3	3	2		2	1	4	1	4	3	4	4	7	2	5	7	7	1	1	1	1						1		
1971	251	7	3	3	6	6	5	7	2	3	4	10	3	8	4	5	6	12	6	3	5	5	1		1	1	3	1	1							
1972	305	4	1	1	4	1	5	3	4	3	2	2	2	2	1	2	2	4	2	3	3															
1973	127	1			1		2	2		2	11	4	4	6	6	4	9	12	12	10	23	17	18	25	12	21	15	16	2	2			1			
1974	315	1	1	1	3	1	1		2		2		2	2	1	2	3	8	2	2	3	4	5	4												
1975	274	2	3		5	2	1		1	1	2		1	1	2	1	1	3	2	7	4	11	18	12	6	3	2									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	3920	5478	100.0	12	1.7	46	1135	20.7	24	200	68	263	4.8
1	0.01	53	1558	28.4	13	2.5	50	1089	19.9	25	290	93	195	3.5
2	0.02	46	1505	27.5	14	3.7	32	1039	19.0	26	430	49	102	1.8
3	0.03	20	1459	26.6	15	5.6	51	1007	18.4	27	640	29	53	.9
4	0.04	50	1439	26.3	16	8.3	44	956	17.5	28	960	9	24	.4
5	0.07	31	1389	25.4	17	12.0	79	912	16.6	29	1400	4	15	.2
6	0.10	44	1358	24.8	18	18.0	74	833	15.2	30	2100	4	11	.2
7	0.20	32	1314	24.0	19	27.0	75	759	13.9	31	3100	6	7	.1
8	0.30	35	1282	23.4	20	40.0	102	684	12.5	32	4700	1	1	
9	0.50	35	1247	22.8	21	60.0	103	582	10.6	33				
10	0.80	35	1212	22.1	22	89.0	101	479	8.7	34				
11	1.10	42	1177	21.5	23	130.0	115	378	6.9					

GILA RIVER BASIN

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09505350 DRY BEAVER CREEK NEAR RIMROCK, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1961	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	6.00 8
1962	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	23.00 14
1963	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.55 2
1964	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	5.10 7
1965	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.08 16	0.37 16	78.00 15
1966	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.01 10	0.64 3
1967	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	0.19 14	4.80 6
1968	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	0.01 11	14.00 11
1969	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 8	0.01 12	12.00 9
1970	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 9	0.00 5	13.00 10
1971	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 10	0.22 15	1.19 4
1972	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 11	0.00 6	0.00 1
1973	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 12	0.00 7	133.00 16
1974	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 13	0.00 8	1.70 5
1975	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 14	0.05 13	21.00 12

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1961	583.0 9	514.0 9	332.0 10	177.0 12	94.0 12	47.0 12	31.0 12	24.0 12	17.0 12
1962	1090.0 8	803.0 8	673.0 7	411.0 7	256.0 6	223.0 4	172.0 5	129.0 5	85.0 5
1963	209.0 13	80.0 14	35.0 15	26.0 15	13.0 15	6.4 15	4.3 15	3.2 15	2.7 15
1964	496.0 11	446.0 10	378.0 9	291.0 8	177.0 9	88.0 10	59.0 10	44.0 10	30.0 10
1965	2650.0 6	1670.0 6	806.0 6	541.0 4	518.0 2	341.0 2	262.0 2	246.0 2	163.0 2
1966	3870.0 3	2280.0 2	1070.0 3	503.0 5	407.0 3	319.0 3	213.0 3	213.0 3	144.0 3
1967	4670.0 2	3030.0 1	1370.0 1	641.0 2	320.0 5	161.0 7	108.0 7	81.0 7	58.0 7
1968	421.0 12	368.0 12	296.0 12	276.0 9	239.0 7	170.0 6	145.0 6	110.0 6	72.0 6
1969	3180.0 5	2160.0 4	1120.0 2	635.0 3	324.0 4	207.0 5	210.0 4	158.0 4	104.0 4
1970	5930.0 1	2230.0 3	959.0 4	448.0 6	224.0 8	112.0 9	75.0 9	56.0 9	48.0 8
1971	103.0 15	80.0 15	67.0 14	49.0 14	29.0 14	15.0 14	11.0 14	8.4 14	5.8 14
1972	1540.0 7	962.0 7	567.0 8	272.0 10	136.0 11	71.0 11	56.0 11	42.0 11	28.0 11
1973	3630.0 4	1890.0 5	922.0 5	667.0 1	644.0 1	483.0 1	368.0 1	286.0 1	224.0 1
1974	138.0 14	132.0 13	125.0 13	91.0 13	58.0 13	30.0 13	20.0 13	15.0 13	10.0 13
1975	525.0 10	439.0 11	325.0 11	227.0 11	165.0 10	139.0 8	95.0 8	71.0 8	46.0 9

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
18.1	21.8	63.6	38.2	47.8	98.3	120	14.4	0.00	0.26	1.28	16.0
4010	4316	14190	7951	6387	7483	31940	2882	0.00	0.44	9.98	3308
63.3	65.7	119	89.2	79.9	86.5	179	53.7	0.01	0.66	3.16	57.5
3.81	3.49	1.78	2.67	1.75	0.34	2.05	3.87	2.29	3.28	3.59	3.87
3.49	3.02	1.87	2.34	1.67	0.88	1.49	3.73	2.07	2.54	2.47	3.60
4.12	4.95	14.5	8.69	10.9	22.4	27.3	3.28	0.00	0.06	0.29	3.63

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
36.5	1338	36.6	1.59	1.00	-0.182

09505800 WEST CLEAR CREEK NEAR CAMP VERDE, AZ

LOCATION.--Lat 34°32'19", long 111°41'36", in NW¼NW¼ sec.11, T.13 N., R.6 E., Yavapai County, Hydrologic Unit 15060203, in Coconino National Forest, on left bank at Bull Pen Ranch, 9 mi (14 km) upstream from mouth, and 9 mi (14 km) east of Camp Verde.

DRAINAGE AREA.--241 mi² (624 km²).

WATER YEAR	ANNUAL PEAK DISCH., CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK, FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1965	6510	01-06-65	8.30	1966	57300
1966	6330	12-30-65	8.24	1967	15500
1967	2670	12-07-66	6.75	1968	57300
1968	1300	02-26-68	5.82	1969	44300
1969	3870	01-26-69	7.50	1970	14800
1970	1050	09-05-70	5.42	1971	15300
1971	1550	09-02-71	5.89	1972	30000
1972	6660	12-26-71	8.35	1973	144000
1973	11300	10-19-72	9.61	1974	13400
1974	308	01-21-74	4.20	1975	33800
1975	2730	04-15-75	6.68		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1966	37136	64	23	20	13	6	3	6	6	6	5	5	3	3	3	3	3	2	2	1	1	2	3	5	2									1		
1967	17185	136	9	8	3	2	1																													
1968	43	90	53	31	26	14	11	6	4	8	7	5	4	10	9	6	5	7	7	6	5		1	5	3											
1969	57129	73	14	10	12	8	5	5	3	7	3	7	2	2	5	7	4	1	1	3																
1970	43173	101	16	7	3	4	4	5	1	2	1	2				1		1			1															
1971	11391	196	15	3	5	3	2																													
1972	33217	57	29	8	7	1	1	1	2				2			1	1	1	2																	
1973	6117	30	19	12	11	10	6	8	7	11	14	14	7	5	14	6	11	8			7	12	9	7	2	3	1	2	3	1			1		1	
1974	20146	134	46	6	4	2	1	1	3				1																							
1975	51481	10	18	8	8	8	6	5	4	7	3	9	7	2	2	4	1	2	2	1	1			2	1	1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3652	100.0	12	86.0	29	360	9.9	24	740	24	56	1.5
1	12.00	223	3652	100.0	13	100.0	43	331	9.1	25	880	12	32	.8
2	14.00	1185	3429	93.9	14	120.0	38	288	7.9	26	1100	6	20	.5
3	17.00	1201	2244	61.4	15	150.0	25	250	6.8	27	1300	1	14	.3
4	21.00	259	1043	28.6	16	180.0	22	225	6.2	28	1500	3	13	.3
5	25.00	136	784	21.5	17	210.0	35	203	5.6	29	1800	4	10	.2
6	29.00	82	648	17.7	18	250.0	24	168	4.6	30	2200	2	6	.1
7	35.00	62	566	15.5	19	300.0	23	144	3.9	31	2600		4	.1
8	42.00	39	504	13.8	20	360.0	20	121	3.3	32	3100	2	4	.1
9	50.00	33	465	12.7	21	430.0	18	101	2.8	33	3700		2	
10	60.00	35	432	11.8	22	510.0	15	83	2.3	34	4400	2	2	
11	72.00	37	397	10.9	23	610.0	12	68	1.9					

GILA RIVER BASIN

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09505800 WEST CLEAR CREEK NEAR CAMP VERDE, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1966	12.00 1	12.00 1	13.00 8	13.00 6	13.00 4	14.00 6	15.00 7	17.00 10	19.00 6
1967	13.00 7	13.00 7	13.00 9	13.00 7	14.00 8	14.00 7	14.00 1	15.00 6	15.00 1
1968	12.00 2	12.00 2	12.00 1	12.00 1	13.00 5	14.00 8	15.00 8	15.00 7	31.00 9
1969	12.00 3	12.00 3	12.00 2	12.00 2	12.00 1	13.00 1	14.00 2	14.00 1	23.00 8
1970	12.00 4	12.00 4	12.00 3	12.00 3	13.00 2	14.00 2	14.00 3	15.00 2	20.00 7
1971	13.00 8	14.00 10	14.00 10	14.00 8	15.00 9	16.00 10	16.00 9	16.00 8	17.00 4
1972	15.00 11	15.00 11	15.00 11	15.00 11	16.00 11	17.00 11	17.00 11	18.00 11	18.00 5
1973	16.00 12	16.00 12	17.00 12	17.00 12	17.00 12	18.00 12	19.00 12	19.00 12	190.00 12
1974	12.00 5	12.00 5	12.00 4	13.00 4	13.00 3	14.00 3	15.00 4	15.00 3	16.00 2
1975	13.00 9	13.00 8	13.00 5	14.00 9	14.00 6	14.00 4	15.00 5	15.00 4	34.00 10

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1966	3500.0 3	1540.0 4	803.0 5	568.0 3	391.0 3	249.0 3	195.0 4	199.0 3	141.0 3
1967	1060.0 6	578.0 7	273.0 7	139.0 7	79.0 7	49.0 7	38.0 7	33.0 7	27.0 7
1968	989.0 7	855.0 6	841.0 4	623.0 2	483.0 2	328.0 2	260.0 2	203.0 2	142.0 2
1969	2500.0 4	1760.0 3	982.0 3	512.0 4	276.0 5	226.0 4	200.0 3	155.0 4	107.0 4
1970	368.0 8	237.0 8	116.0 8	63.0 8	44.0 8	34.0 8	28.0 8	26.0 8	24.0 8
1971	262.0 9	106.0 9	62.0 9	47.0 9	34.0 9	25.0 9	22.0 10	20.0 10	19.0 10
1972	4400.0 2	2010.0 2	1010.0 2	493.0 5	257.0 6	137.0 6	106.0 6	84.0 6	61.0 6
1973	5600.0 1	3120.0 1	1680.0 1	1230.0 1	923.0 1	645.0 1	503.0 1	392.0 1	307.0 1
1974	147.0 10	91.0 10	52.0 10	38.0 10	29.0 10	25.0 10	24.0 9	23.0 9	21.0 9
1975	1240.0 5	985.0 5	724.0 6	444.0 6	286.0 4	194.0 5	139.0 5	109.0 5	77.0 5

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
63.0	35.0	93.9	62.7	77.0	137	179	32.0	16.3	17.5	18.3	19.5
19300	1355	14360	5781	13820	15470	82300	1739	12.2	17.3	11.0	48.9
139	36.8	120	76.0	118	124	287	41.7	3.50	4.16	3.32	7.00
3.14	1.79	1.62	2.06	2.57	0.55	2.14	3.22	1.24	1.48	1.04	1.99
2.21	1.05	1.28	1.21	1.53	0.91	1.60	1.30	0.21	0.24	0.18	0.36
8.39	4.66	12.5	8.35	10.3	18.2	23.8	4.27	2.17	2.33	2.43	2.59

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
58.5	2995	54.7	2.14	0.94	-0.258

09507600 EAST VERDE RIVER NEAR PINE, AZ

LOCATION.--Lat 34°23'30", long 111°16'05", in SW¼SW¼ sec.26, T.12 N., R.10 E. (unsurveyed), Gila County, on right bank 0.8 mi (1.3 km) upstream from Dude Creek, 2.7 mi (4.3 km) south of Washington Park, and 10 mi (16 km) east of Pine.

DRAINAGE AREA.--6.65 mi² (17.22 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1962	38	02-13-62		2.18	1962	1390
1963	264	09-11-63		3.05	1963	528
1964	143	08-04-64		2.69	1964	651
1965	127	01-06-65		2.58	1965	2650
1966	960	12-30-65		3.67	1966	12200
1967	1350	07-31-67		3.82	1967	13900
1968	330	08-02-68		3.12	1968	13600
1969	298	01-25-69		3.02	1969	19000
1970	2820	04-05-70		6.40	1970	10600
1971	99	08-28-71		2.34	1971	11700
1972	60	12-26-71	ES			
1973	2700	10-19-72		6.3		
1974	120	07-21-74		2.42		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1962	22	35	27	22	7	4	11	73	23	20	23	9	8	4	18	13	15	15	11	2	1	1		1											
1963	4	53	17	31	35	24	23	73	45	17	17	20	1	1	2		1		1																
1964	7	21	22	25	17	45	86	66	15	15	13	5	7	7	7	11	2	1	1																
1965					7	20	67	83	11	6	14	27	30	16	14	9	7	12	8	3	8	5	10	5	1				1	1					
1966						15	6		6	3	5	3	10	11	34	19	28	15	15	9	12	15	9	82	62	1		1	3					1	
1967					1	9	20	20	20	21	4	4	3	2	1	1	3	3	1	1	11	18	19	170	30	1							2		
1968						2	39	31	1	5		2	4	9	10	10	5	5	9	9	11	13	15	61	108	15	2								
1969								2	33	9			1	2	1	3		2		3	3	3	11	153	107	29				2			1		
1970						25	4	64	14	44	19	8	7		1		1	1	1	1	5	3	6	86	72	2								1	
1971					6	20	54	22	3	1	1	3		1	1	1	1	2	9	8	19	41	9	125	38										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	33	3652	100.0	12	2.1	64	1896	51.9	24	30	418	481	13.1
1	0.10	109	3619	99.1	13	2.7	53	1832	50.2	25	37	48	63	1.7
2	0.20	66	3510	96.1	14	3.3	89	1779	48.7	26	46	3	15	.4
3	0.30	78	3444	94.3	15	4.1	67	1690	46.3	27	57	4	12	.3
4	0.40	73	3366	92.2	16	5.2	63	1623	44.4	28	72	3	8	.2
5	0.50	149	3293	90.2	17	6.4	56	1560	42.7	29	89		5	.1
6	0.60	319	3144	86.1	18	8.0	56	1504	41.2	30	110	4	5	.1
7	0.70	438	2825	77.4	19	10.0	36	1448	39.6	31	140	1	1	
8	0.90	140	2387	65.4	20	12.0	70	1412	38.7	32				
9	1.10	165	2247	61.5	21	15.0	99	1342	36.7	33				
10	1.40	105	2082	57.0	22	19.0	79	1243	34.0	34				
11	1.70	81	1977	54.1	23	24.0	683	1164	31.9					

ES Discharge estimated from another site.

GILA RIVER BASIN

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09507600 EAST VERDE RIVER NEAR PINE, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1962	0.00 1	0.00 1	0.00 1	0.00 1	0.04 1	0.08 1	0.13 1	0.19 1	1.10 3
1963	0.00 2	0.00 2	0.04 3	0.07 3	0.10 2	0.10 2	0.16 2	0.28 2	0.52 1
1964	0.00 3	0.00 3	0.00 2	0.05 2	0.10 3	0.17 3	0.32 3	0.56 3	0.73 2
1965	0.40 4	0.40 4	0.41 4	0.45 4	0.49 4	0.59 4	0.71 5	0.83 4	3.70 4
1966	0.60 9	0.60 9	0.60 8	0.60 8	1.10 9	4.50 9	4.90 9	7.30 8	11.00 8
1967	0.49 6	0.52 7	0.54 7	0.56 7	0.67 7	2.50 8	4.30 8	7.30 9	14.00 9
1968	0.52 8	0.56 8	0.61 9	0.63 9	0.67 8	0.70 6	1.19 7	2.60 7	7.30 7
1969	1.00 10	1.10 10	1.19 10	1.19 10	1.19 10	5.30 10	12.00 10	17.00 10	23.00 10
1970	0.50 7	0.50 6	0.50 5	0.50 5	0.52 5	0.74 7	0.96 6	0.99 5	7.00 6
1971	0.46 5	0.46 5	0.51 6	0.56 6	0.57 6	0.61 5	0.70 4	1.70 6	5.80 5

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1962	24.0 8	18.0 8	13.0 8	9.3 8	7.3 8	6.9 8	5.8 8	4.8 8	3.5 8
1963	8.7 10	3.6 10	2.0 10	1.9 10	1.6 10	1.4 10	1.3 10	1.1 10	1.0 10
1964	9.1 9	5.9 9	4.7 9	4.4 9	3.7 9	2.4 9	1.8 9	1.5 9	1.2 9
1965	72.0 5	56.0 5	28.0 7	22.0 7	16.0 7	12.0 7	9.2 7	9.0 7	6.6 7
1966	260.0 1	120.0 1	61.0 1	40.0 2	32.0 4	26.0 6	26.0 6	25.0 6	23.0 6
1967	136.0 3	94.0 3	47.0 3	38.0 3	31.0 5	29.0 5	29.0 4	29.0 4	28.0 3
1968	56.0 6	39.0 6	38.0 4	37.0 4	36.0 2	34.0 2	32.0 2	32.0 2	31.0 2
1969	136.0 4	101.0 2	60.0 2	45.0 1	39.0 1	37.0 1	37.0 1	36.0 1	34.0 1
1970	138.0 2	69.0 4	37.0 5	34.0 5	33.0 3	30.0 3	28.0 5	28.0 5	26.0 4
1971	32.0 7	32.0 7	31.0 6	30.0 6	30.0 6	29.0 4	29.0 3	29.0 3	26.0 5

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
8.75	9.23	8.79	10.1	12.4	14.8	17.7	16.2	11.6	10.9	10.9	11.9
156	141	149	113	149	159	180	194	172	176	147	140
12.5	11.9	12.2	10.6	12.2	12.6	13.4	13.9	13.1	13.3	12.1	11.8
1.04	0.92	1.06	0.92	0.72	0.62	0.31	-0.12	0.52	0.52	0.66	0.45
1.43	1.29	1.39	1.06	0.98	0.85	0.76	0.86	1.13	1.22	1.11	0.99
6.11	6.44	6.14	7.02	8.67	10.4	12.3	11.3	8.10	7.58	7.61	8.32

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
11.9	85.9	9.27	-0.07	0.78	0.746

GILA RIVER BASIN

09507700 WEBBER CREEK ABOVE WEST FORK WEBBER CREEK, NEAR PINE, AZ

LOCATION.--Lat 34°24'40", long 111°22'20", in SW¼ sec.23, T.12 N., R.9 E. (unsurveyed), Gila County, in Tonto National Forest on left bank 0.2 mi (0.32 km) upstream from West Fork and 4.9 mi (7.88 km) northeast of Pine.

DRAINAGE AREA.--4.92 mi² (12.74 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1959	21	08-24-59	1.56	1960	2060
1960	84	12-25-59	2.05	1961	571
1961	399	09-13-61	3.13	1962	1760
1962	32	04-08-62	1.64	1963	506
1963	19	08-22-63	1.69	1964	756
1964	126	08-08-64	2.27	1965	3370
1965	148	01-07-65	2.37	1966	3150
1966	366	12-30-65	3.05	1967	776
1967	153	12-07-66	2.39	1968	2720
1968	32	04-01-68	1.65	1969	2050
1969	134	01-26-69	2.31	1970	1200
1970	1220	09-05-70	4.36	1971	438
1971	26	08-25-71	1.62	1972	581
1972	50	12-26-71	1.82	1973	6580
1973	686	10-19-72	3.65	1974	597
1974	12	01-21-74	1.37		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1960			3	56	53	23	21	19	26	12	20	29	31	17	13	5	5	4	6	8	6	5	3		1											
1961			29	40	67	58	91	32	17	6	3	9	5	3	1		3							1												
1962			17	61	51	9	63	30	25	12	9	5	12	23	10	4	5	2	4	8	7	5	3													
1963		11	35	38	40	22	80	71	36	17	8	3	3			1																				
1964			16	33	74	90	63	17	15	7	11	12	9	3	3	3	2	2	5	1																
1965			52	42	54	28	9	7	10	10	10	37	19	18	12	10	6	7	3	8	7	5	4	2	3	1	1									
1966			45	56	47	9	16	11	8	13	11	28	30	11	11	12	8	8	5	9	10	4	9	1		1	1							1		
1967			23	23	55	67	121	26	13	14	4	6	4	3	1	1	1	1																		
1968		1	13	34	70	26	25	13	21	19	14	11	8	12	4	9	19	14	19	18	6	8	2													
1969			29	35	44	46	48	23	10	5	6	19	32	17	9	5	7	8	5	4	5	4	1		1		1	1								
1970			39	25	37	43	101	18	19	6	7	17	29	13	6		2			1														1		
1971		33	44	22	41	39	125	21	20	12	5	2	1																							
1972		14	60	50	50	74	59	19	12	7	6		6	2	2	1	1	1			1															
1973			1	42	38	19	2	4	2	1	8	3	8	35	29	47	13	9	25	25	6	9	5	7	10	8	4	2	1				1	1		
1974		49	86	68	27	12	19	34	10	10	15	5	8	10	4	5	2	1																		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5479	100.0	12	2.5	250	1064	19.4	24	40	12	33	.6
1	0.10	109	5479	100.0	13	3.2	162	814	14.9	25	50	8	21	.3
2	0.20	481	5370	98.0	14	4.0	129	652	11.9	26	63	6	13	.2
3	0.30	631	4889	89.2	15	5.0	70	523	9.5	27	80	3	7	.1
4	0.40	717	4258	77.7	16	6.3	74	453	8.3	28	100		4	
5	0.50	574	3541	64.6	17	8.0	72	379	6.9	29	130		4	
6	0.60	864	2967	54.2	18	10.0	77	307	5.6	30	160	2	4	
7	0.80	345	2103	38.4	19	13.0	57	230	4.2	31	200	2	2	
8	1.00	240	1758	32.1	20	16.0	53	173	3.2	32				
9	1.30	158	1518	27.7	21	20.0	38	120	2.2	33				
10	1.60	132	1360	24.8	22	25.0	32	82	1.5	34				
11	2.00	164	1228	22.4	23	32.0	17	50	0.9					

GILA RIVER BASIN

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09507700 WEBBER CREEK ABOVE WEST FORK WEBBER CREEK, NEAR PINE, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1960	0.20 9	0.23 13	0.27 14	0.29 14	0.32 14	0.33 10	0.45 13	0.57 13	1.40 9
1961	0.20 10	0.20 6	0.20 5	0.20 5	0.23 4	0.26 4	0.31 8	0.35 4	0.62 7
1962	0.20 11	0.20 7	0.20 6	0.24 9	0.25 9	0.29 6	0.30 6	0.35 5	2.40 12
1963	0.10 1	0.10 1	0.10 1	0.12 1	0.16 1	0.21 2	0.27 2	0.39 7	0.61 6
1964	0.20 12	0.20 8	0.20 7	0.25 11	0.30 12	0.38 13	0.44 10	0.46 8	0.56 4
1965	0.30 15	0.30 15	0.30 15	0.30 15	0.31 13	0.38 14	0.49 14	0.67 14	3.80 14
1966	0.20 13	0.20 9	0.20 8	0.20 6	0.24 8	0.29 7	0.30 7	0.37 6	1.40 10
1967	0.20 14	0.22 12	0.24 12	0.25 12	0.27 10	0.36 12	0.44 11	0.49 9	0.57 5
1968	0.19 6	0.20 10	0.21 10	0.24 10	0.33 15	0.42 15	0.67 15	0.68 15	3.40 13
1969	0.20 7	0.25 14	0.25 13	0.26 13	0.27 11	0.34 11	0.45 12	0.55 12	1.90 11
1970	0.20 8	0.20 11	0.20 9	0.20 7	0.23 5	0.30 9	0.41 9	0.51 10	1.10 8
1971	0.14 3	0.15 3	0.15 3	0.16 3	0.18 3	0.22 3	0.28 3	0.30 2	0.41 2
1972	0.15 4	0.15 4	0.17 4	0.18 4	0.24 6	0.29 8	0.28 4	0.30 3	0.36 1
1973	0.17 5	0.20 5	0.22 11	0.23 8	0.24 7	0.27 5	0.30 5	0.52 11	8.20 15
1974	0.12 2	0.12 2	0.14 2	0.15 2	0.16 2	0.20 1	0.25 1	0.25 1	0.48 3

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1960	46.0 7	26.0 7	24.0 6	20.0 5	16.0 5	9.9 5	7.6 7	7.0 6	5.1 6
1961	27.0 9	13.0 11	7.0 12	4.4 13	2.5 13	1.4 13	1.1 13	1.0 13	1.0 13
1962	26.0 11	26.0 8	24.0 7	20.0 6	14.0 6	9.3 6	8.0 6	6.3 7	4.4 7
1963	5.4 14	3.4 14	2.1 14	1.8 14	1.5 14	1.1 14	1.0 14	0.9 14	0.9 14
1964	13.0 12	12.0 12	11.0 11	8.2 10	5.7 10	3.6 9	2.6 9	2.1 9	1.6 9
1965	95.0 4	66.0 4	46.0 3	34.0 2	27.0 2	17.0 2	13.0 2	12.0 2	8.8 2
1966	200.0 2	92.0 2	48.0 2	29.0 3	19.0 3	13.0 4	10.0 4	11.0 3	8.3 3
1967	66.0 6	40.0 6	20.0 9	11.0 9	6.1 9	3.4 10	2.5 10	2.1 10	1.6 10
1968	27.0 10	24.0 9	22.0 8	18.0 7	17.0 4	14.0 3	12.0 3	9.8 4	6.9 4
1969	80.0 5	62.0 5	36.0 4	22.0 4	13.0 7	8.1 7	9.0 5	7.4 5	5.2 5
1970	181.0 3	74.0 3	34.0 5	17.0 8	8.8 8	4.8 8	3.3 8	2.5 8	2.4 8
1971	2.5 15	2.1 15	1.6 15	1.3 15	1.1 15	0.9 15	0.9 15	0.9 15	0.8 15
1972	35.0 8	21.0 10	12.0 10	6.8 11	4.0 11	2.4 11	1.9 12	1.6 12	1.3 12
1973	315.0 1	182.0 1	89.0 1	46.0 1	38.0 1	27.0 1	21.0 1	17.0 1	13.0 1
1974	9.3 13	7.5 13	6.4 13	5.0 12	3.6 12	2.4 12	2.2 11	1.9 11	1.4 11

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.20	1.11	2.63	3.00	2.56	5.37	7.68	2.66	0.53	0.33	0.62	1.14
44.7	1.81	16.1	11.6	6.43	26.3	85.0	27.5	0.12	0.01	0.12	4.76
6.69	1.34	4.01	3.40	2.54	5.13	9.22	5.24	0.35	0.11	0.34	2.18
3.87	2.34	2.85	1.62	1.23	0.81	1.56	3.55	1.63	0.38	0.82	3.50
3.03	1.22	1.53	1.13	0.99	0.95	1.20	1.97	0.65	0.33	0.56	1.91
7.39	3.71	8.81	10.0	8.57	18.0	25.7	8.93	1.79	1.10	2.07	3.83

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.50	5.26	2.29	1.86	0.92	-0.258

09507980 EAST VERDE RIVER NEAR CHILDS, AZ

LOCATION.--Lat 34°17'00", long 111°38'50", in sec.21, T.11 N., R.7 E. (unsurveyed), Gila County, Hydrologic Unit 15060203, in Tonto National Forest, on left bank 1.3 mi (2.1 km) upstream from mouth and 6 mi (10 km) southeast of Childs.

DRAINAGE AREA.--328 mi² (850 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1961	1340	09-09-61	6.87	1962	17600
1962	540	03-22-62	4.95	1963	15200
1963	11400	08-22-63	16.00	1964	7640
1964	1280	09-13-64	6.07	1965	54300
1965	5980	01-06-65	11.75	1966	54400
1966	17000	12-22-65		1967	50300
1968	1410	12-19-67	4.97	1970	32800
1969	6100	01-26-69	8.82	1971	14600
1970	23500	09-05-70	19.20	1972	13800
1971	931	08-11-71	4.24	1973	132000
1972	740	08-11-72	4.80	1974	18600
1973	10000	10-19-72	12.9	1975	25600
1974	802	01-21-74	4.82		
1975	814	04-11-75	4.85		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1962					34	19	19	29	52	32	18	29	13	13	4	8	4	10	9	8	19	22	16	5		2										
1963	20	10	12		20	38	45	20	27	39	24	25	17	14	6	11	6	6	4	4	6	1	2	3		3	1							1		
1964					14	4	7	22	40	27	90	57	32	10	10	9	7	12	7	4	4	4	3	2	1											
1965					4	8	29	36	57	18	5	17	18	6	19	14	23	19	11	14	13	7	11	2	4	11	4	6	4	2	1		2			
1968						41	5	4	4	3	8	6	1	3			1	61	59	40	34	37	18	11	13	5	4	5	1	2						
1969													27	12	13	17	102	63	30	34	16	27	9	8	1	1	2						1			
1970								3	3	2	2	29	60	64	11	17	18	61	61	13	7	4	2	2	3						1				1	
1971	8	5	6	3	4	22	11	19		6	11		1	16	39	33	137	40	2	1				1												
1972				22	39	15	2	36	8	13	8	1	2	3	10	21	132	48	2	1	1		1													
1973				3													6	32	100	73	18	11	10	12	21	23	16	19	8	10	1	1			1	
1974				1	4	4	12	6	5	7	10	7	16	13	34	52	64	114	10		3				2	1										
1975								1	11	10	5	1		71	7	26	24	108	38	22	11	15	4	5	1	2	2	1								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4383	100.0	12	5.4	154	3014	68.8	24	200	54	206	4.6
1	0.10	28	4383	100.0	13	7.3	225	2860	65.3	25	270	51	152	3.4
2	0.30	15	4355	99.4	14	9.9	104	2635	60.1	26	360	28	101	2.3
3	0.40	18	4340	99.0	15	13.0	181	2531	57.7	27	490	33	73	1.6
4	0.50	101	4322	98.6	16	18.0	212	2350	53.6	28	660	14	40	.9
5	0.70	116	4221	96.3	17	24.0	744	2138	48.8	29	890	15	26	.5
6	0.90	182	4105	93.7	18	33.0	554	1394	31.8	30	1200	3	11	.2
7	1.20	141	3923	89.5	19	44.0	222	840	19.2	31	1600	2	8	.1
8	1.60	255	3782	86.3	20	60.0	148	618	14.1	32	2200	2	6	.1
9	2.20	145	3527	80.5	21	81.0	121	470	10.7	33	3000	2	4	
10	3.00	173	3382	77.2	22	110.0	93	349	8.0	34	4000	2	2	
11	4.00	195	3209	73.2	23	150.0	50	256	5.8					

GILA RIVER BASIN

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09507980 EAST VERDE RIVER NEAR CHILDS, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1962	0.50 4	0.50 4	0.51 4	0.57 4	0.60 3	0.99 3	1.10 2	1.30 1	10.00 5
1963	0.20 1	0.20 1	0.20 1	0.20 1	0.23 1	0.38 1	0.75 1	1.30 2	4.20 1
1964	0.50 5	0.50 5	0.57 5	0.68 5	0.83 5	1.30 4	2.40 3	4.30 4	8.20 2
1965	0.60 6	0.60 6	0.66 6	0.81 6	1.19 7	1.40 5	2.40 4	4.30 5	67.00 13
1968	1.00 10	1.00 10	1.00 8	1.00 7	1.00 6	1.60 7	16.00 12	40.00 14	49.00 12
1969	8.00 14	8.10 14	8.30 13	8.90 13	10.00 13	17.00 13	22.00 13	30.00 12	40.00 10
1970	1.19 11	1.30 11	1.70 10	3.80 11	5.50 10	6.20 9	6.90 8	7.90 7	18.00 7
1971	0.20 2	0.20 2	0.20 2	0.25 2	0.47 2	0.92 2	3.60 6	6.60 6	10.00 6
1972	0.50 3	0.50 3	0.51 3	0.56 3	0.73 4	1.40 6	2.80 5	3.00 3	8.30 3
1973	0.62 7	0.62 7	26.00 14	29.00 14	32.00 14	34.00 14	37.00 14	40.00 13	107.00 14
1974	0.69 8	0.73 8	0.81 7	1.00 8	1.90 9	7.80 10	10.00 10	13.00 10	19.00 8
1975	1.50 12	1.60 12	1.70 11	2.20 10	8.30 12	8.50 11	9.80 9	12.00 9	23.00 9

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1962	353.0 8	223.0 8	156.0 8	124.0 8	109.0 8	101.0 8	88.0 6	69.0 6	47.0 7
1963	3500.0 3	1320.0 5	696.0 5	381.0 5	216.0 6	111.0 6	74.0 8	56.0 8	38.0 8
1964	206.0 10	141.0 11	93.0 10	64.0 10	43.0 10	24.0 12	17.0 12	14.0 12	16.0 12
1965	2490.0 5	1960.0 3	925.0 4	584.0 2	398.0 2	278.0 2	211.0 2	216.0 2	147.0 2
1968	913.0 6	712.0 6	523.0 6	366.0 6	350.0 3	243.0 3	194.0 3	164.0 3	125.0 3
1969	3000.0 4	1830.0 4	1030.0 2	566.0 3	322.0 4	233.0 4	189.0 4	155.0 4	112.0 4
1970	5000.0 1	2570.0 1	1170.0 1	553.0 4	289.0 5	171.0 5	120.0 5	98.0 5	76.0 5
1971	200.0 12	70.0 12	36.0 12	34.0 12	32.0 12	31.0 11	31.0 11	30.0 11	29.0 11
1972	202.0 11	145.0 10	82.0 11	54.0 11	43.0 11	39.0 10	36.0 10	34.0 10	32.0 10
1973	4000.0 2	2000.0 2	961.0 3	745.0 1	677.0 1	545.0 1	448.0 1	354.0 1	289.0 1
1974	274.0 9	199.0 9	110.0 9	86.0 9	58.0 9	42.0 9	40.0 9	39.0 9	33.0 9
1975	535.0 7	470.0 7	351.0 7	224.0 7	144.0 7	106.0 7	82.0 7	68.0 7	54.0 6

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
34.5	28.4	28.0	73.1	83.8	114	103	30.5	16.6	15.9	35.0	37.6
6896	1052	1624	8498	12100	26040	16650	962	247	279	2182	5109
83.0	32.4	40.3	92.2	110	161	129	31.0	15.7	16.7	46.7	71.5
3.46	1.78	2.73	1.42	1.64	2.85	1.71	1.97	0.63	0.61	2.91	3.52
2.41	1.14	1.44	1.26	1.31	1.41	1.26	1.02	0.95	1.05	1.33	1.90
5.75	4.73	4.67	12.2	14.0	19.1	17.1	5.07	2.76	2.65	5.83	6.26

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
50.2	2255	47.5	2.19	0.95	-0.193

GILA RIVER BASIN

09508300 WET BOTTOM CREEK NEAR CHILDS, AZ
(Hydrologic bench-mark station)

LOCATION.--Lat 34°09'39", long 111°41'32", in sec.36, T.9½ N., R.6 E. (unsurveyed), Gila County, Hydrologic Unit 15060203, in Tonto National Forest, on right bank 1.4 mi (2.3 km) upstream from mouth and 13 mi (21 km) south of Childs.

DRAINAGE AREA.--36.4 mi² (94.3 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1968	5990	12-19-67	11.00	1968	15800
1969	535	01-26-69	6.15	1969	4430
1970	5600	08-05-70	14.18	1970	3170
1971	158	08-03-71	5.19	1971	327
1972	89	12-26-71	4.89	1972	661
1973	3700	10-19-72	9.77	1973	26800
1974	744	01-09-74	6.64	1974	2210
1975	684	11-02-74	6.56	1975	4620

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1968	12	14	38	13	30	14	13	35	6	13	19	11	15	11	7	9	4	6	21	16	20	11	9	6	1	1	2		1		1				
1969	40		1	2	15	10	10	42	13	15	6	23	5	2	5	14	12	9	10	10	4	9	5	1	2		1								
1970	90		3	3	9	2	20	118	15	36	16	11	7	5	4	5	2	2	3	2	3	3	3	1	1					1					
1971	82	13	13	4	7	7	23	38	39	79	18	23	11	7			1																		
1972	154	1	1	1	8	11	32	10	28	62	14	8	8	9	4	3	4	3	3																
1973	66		1		6	6	55	1		1	4	1	3	2	15	10	34	26	33	20	10	8	11	12	17	14	3	3	1	1					
1974	155	3	2	4	8	6	26	27	22	30	9	12	5	6	5	6	12	10	9	3	1	1		1	1			1							
1975	58	7	10	5	22	15	26	18	17	36	8	11	11	18	20	17	19	12	10	5	4	4	4	2	5	1									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	657	2922	100.0	12	1.5	65	751	25.7	24	110	32	65	2.2
1	0.01	38	2265	77.5	13	2.1	60	686	23.5	25	150	16	33	1.1
2	0.02	69	2227	76.2	14	3.0	60	626	21.4	26	220	5	17	.5
3	0.04	32	2158	73.9	15	4.3	62	566	19.4	27	310	6	12	.4
4	0.05	105	2126	72.8	16	6.1	92	504	17.2	28	450	1	6	.2
5	0.08	71	2021	69.2	17	8.8	67	412	14.1	29	640	3	5	.1
6	0.10	304	1950	66.7	18	13.0	74	345	11.8	30	910		2	
7	0.20	289	1646	56.3	19	18.0	61	271	9.3	31	1300	2	2	
8	0.40	140	1357	46.4	20	26.0	39	210	7.2	32				
9	0.50	272	1217	41.6	21	37.0	46	171	5.9	33				
10	0.70	94	945	32.3	22	52.0	34	125	4.3	34				
11	1.00	100	851	29.1	23	75.0	26	91	3.1					

GILA RIVER BASIN

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09508300 WET BOTTOM CREEK NEAR CHILDS, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1968	0.00 1	0.00 1	0.00 1	0.00 1	0.01 10	0.03 9	0.12 8	0.38 10	2.70 7
1969	0.00 2	0.00 2	0.00 2	0.00 2	0.00 1	0.03 10	0.07 7	0.09 4	0.33 4
1970	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	0.00 1	0.01 4	0.13 6	2.20 6
1971	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3	0.01 6	0.03 5	0.08 3	0.18 3
1972	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.00 2	0.00 1	0.00 1	0.01 1
1973	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.02 7	0.33 9	0.27 9	6.70 10
1974	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	0.00 3	0.00 2	0.00 2	0.11 2
1975	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	0.02 8	0.34 10	0.26 8	5.00 9

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1968	1730.0 1	740.0 1	373.0 1	220.0 1	128.0 2	106.0 2	81.0 1	62.0 2	41.0 2
1969	307.0 5	171.0 5	116.0 3	70.0 3	39.0 3	33.0 3	24.0 3	18.0 3	12.0 3
1970	700.0 3	258.0 3	114.0 4	54.0 4	27.0 6	14.0 6	9.2 6	6.9 6	5.9 6
1971	9.8 8	3.7 8	2.0 8	1.7 8	1.5 8	1.1 8	1.0 8	0.9 8	0.7 8
1972	46.0 7	32.0 7	21.0 7	13.0 7	7.7 7	4.2 7	3.2 7	2.6 7	1.8 7
1973	1300.0 2	593.0 2	277.0 2	191.0 2	151.0 1	117.0 1	81.0 2	74.0 1	70.0 1
1974	328.0 4	177.0 4	91.0 6	49.0 6	29.0 5	15.0 5	12.0 5	9.1 5	6.1 5
1975	184.0 6	129.0 6	97.0 5	54.0 5	33.0 4	24.0 4	18.0 4	14.0 4	12.0 4

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
13.6	5.79	21.5	19.4	19.0	25.8	8.90	0.34	0.03	0.82	1.87	3.06
1311	110	1627	632	757	1848	237	0.30	0.00	2.06	19.9	81.3
36.2	10.5	40.3	25.1	27.5	43.0	15.4	0.55	0.03	1.44	4.47	9.02
2.82	1.81	2.04	1.55	1.55	2.63	1.54	2.56	1.61	2.42	2.93	3.00
2.66	1.81	1.87	1.30	1.45	1.66	1.73	1.62	1.28	1.75	2.38	2.94
11.3	4.82	17.9	16.1	15.8	21.5	7.41	0.28	0.02	0.68	1.56	2.55

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
10.0	164	12.8	1.72	1.28	-0.269

GILA RIVER BASIN

09508500 VERDE RIVER BELOW TANGLE CREEK, ABOVE HORSESHOE DAM, AZ

LOCATION.--Lat 34°04'23", long 111°42'56", in sec.35, T.9 N., R.6 E. (unsurveyed), Yavapai County, Hydrologic Unit 15060203, in Tonto National Forest, on right bank 1.3 mi (2.1 km) downstream from Tangle Creek and 9 mi (14 km) upstream from Horseshoe Dam.

DRAINAGE AREA.--5,872 mi² (15,208 km²), includes 373 mi² (966 km²) in Aubrey Valley Playa, a closed basin.

REMARKS.--Records good. About 12,500 acres (50.6 km²) above station are irrigated by surface water and ground water. Low flow slightly regulated by powerplant 32 mi (51 km) above station, using water from Fossil Creek. This station is above all major reservoirs on Verde River.

WATER YEAR	ANNUAL PEAK DISCH, CFS	DATE	CODES	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK, FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1891	150000	02-24-91	ES HP	1888		1946	215000
1906	96000	11-27-05	HP			1947	197000
1925	20000	09-17-25	ES			1948	236000
1926	32000	04-06-26				1949	497000
1927	70000	02-17-27				1950	238000
1928	14000	02-05-28				1951	211000
1929	26000	04-05-29				1952	624000
1930	8100	08-09-30				1953	197000
1931	34000	02-14-31				1954	292000
1932	53000	02-09-32				1955	213000
1933	1660	03-13-33				1956	137000
1934	3300	08-25-34				1957	353000
1935	14300	02-07-35				1958	461000
1936	12000	02-24-36				1959	180000
1937	63000	02-07-37				1960	395000
1938	95000	03-04-38		1906		1961	164000
1939	17700	09-14-39				1962	321000
1940	5020	02-27-40				1963	181000
1941	43800	03-14-41				1964	243000
1942	3510	10-14-41				1965	604000
1943	16600	08-14-43				1966	646000
1944	7530	03-14-44				1967	332000
1945	9710	03-16-45				1968	474000
1946	8660	04-08-46			9.90	1969	458000
1947	11500	09-19-47			11.47	1970	278000
1948	2560	03-25-48			6.45	1971	165000
1949	11000	01-13-49			11.24	1972	231000
1950	9330	10-19-49			10.50	1973	1237000
1951	16400	08-30-51			12.40	1974	169000
1952	81600	12-31-51			17.62	1975	270000
1953	6390	08-29-53			10.00		
1954	19700	03-23-54			13.59		
1955	11600	08-23-55			11.67		
1956	12800	07-31-56			12.00		
1957	14500	01-10-57			12.45		
1958	21100	03-23-58			14.30		
1959	6060	08-17-59			9.91		
1960	23400	12-26-59			14.57		
1961	2800	08-23-61			6.88		
1962	13300	02-13-62			12.71		
1963	18900	08-22-63			14.00		
1964	6910	08-27-64			10.43		
1965	25700	01-07-65			15.40		
1966	39300	12-22-65			16.43		
1967	53000	12-07-66			17.96		
1968	32600	12-19-67			15.69		
1969	45800	01-26-69			17.15		
1970	61900	09-06-70			18.85		
1971	3030	08-03-71			7.11		
1972	21100	12-27-71			14.20		
1973	63400	10-20-72			19.00		
1974	1500	08-02-74			5.80		
1975	5420	04-15-75			10.10		

ES Discharge estimated from another site.

HP Isolated historic peak; not part of systematic record.

GILA RIVER BASIN

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09508500 VERDE RIVER BELOW TANGLE CREEK, ABOVE HORSESHOE DAM, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34			
	NUMBER OF DAYS IN CLASS																																					
1946			7	30	30	31	15	82	89	43	9	9	4	2	4	1	6		1		1				1													
1947			3	42	41	22	51	51	55	49	25	9	6	3	1	2	1	1	2				1															
1948			4	18	32	42	27	26	44	84	18	14	18	5	5	4	8	7	4	6																		
1949				2	34	52	43	75	15	14	15	21	12	6	7	9	7	8	7	7	16	11	3	1														
1950				9	25	48	36	28	46	81	32	15	6	8	8	8	4	3	2	1	1	2	2															
1951			4	26	31	32	38	43	115	41	19	4	3	1		2	1	1					1	1				1	1									
1952			9	20	45	30	32	31	36	32	15	17	12	15	11	5	10	7	10	7	3	3	8	2	2			1	1	1					1			
1953			16	12	42	35	71	42	44	53	20	7	9	6	2	1	3	1				1																
1954			7	38	41	35	52	101	44	9	6	4	4	3	2	1	2	2	2	3	1	2	1	3					2									
1955			2	24	48	39	27	94	65	20	6	7	10	7	5	1	4	2			2	2																
1956			10	25	27	47	34	57	99	55	5	4	1	1			1																					
1957			1	37	32	52	33	96	19	22	8	9	9	6	8	4	3	3	5	5	4	3	1	1	3	1												
1958			14	15	27	14	29	12	72	51	28	13	11	4	9	12	12	11	3	6	7	3	3		3	4	1					1						
1959			17	11	58	32	32	105	33	30	11	11	12	8	3	2																						
1960			20	27	49	27	45	34	25	27	18	23	18	7	7	4	9	7	3	1	7	2	2	1		1		2										
1961			2	22	27	43	29	15	169	25	11	5	4	1	5	2	1	2	2																			
1962			4	34	43	42	39	17	50	34	12	7	15	9	14	10	6	6	3	7	6	1	3	1		2												
1963			31	19	27	15	63	35	82	51	13	3	7	5	2	4	4			2	1				1													
1964			1	20	35	25	33	22	136	17	11	13	10	5	9	3	9	6	1	5	2	3																
1965			2	12	46	43	31	56	29	24	22	15	6	10	5	3	9	9	8	5	8	4	5	5	2	3		2		1								
1966			2	15	45	33	50	38	21	22	41	27	8	9	5	2	6	3	7	7	3	5	4	2	2	1	1	1	2	2	1							
1967			6	21	37	53	84	72	50	14	11	5	4	1	1	1	1			1		1	1															
1968				29	68	52	26	24	18	17	26	16	20	15	9	10	6	6	4	8	7	3							1	1								
1969			13	35	25	21	89	59	23	15	18	7	6	11	5	10	4	3	3	4	9	2				1		1								1		
1970			10	36	45	12	107	78	29	14	6	2	4	8	6	2	1	1	1	1	1			1												1		
1971			1	13	26	44	25	18	104	92	18	11	6	2	5																							
1972			9	61	44	81	43	73	27	7	3	4	1	1	1	4	2		2	1		1				1												
1973			3	44	32	33	20	25	16	21	16	12	12	9	13			9	8	17	12	14	19	13	7	1	5	2	1				1					
1974			26	56	27	47	65	62	55	15	8	2																										
1975			3	56	47	35	30	98	24	7	8	11	13	13	6	3	3			3	2	2	1															

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON DURATION OF MEAN DISCHARGE

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	10957	100.0	12	550.0	214	1408	12.9	24	6100	24	72	.6
1	61.00	71	10957	100.0	13	670.0	199	1194	10.9	25	7400	10	48	.4
2	75.00	287	10886	99.4	14	820.0	168	995	9.1	26	9100	9	38	.3
3	91.00	637	10599	96.7	15	1000.0	121	827	7.5	27	11000	13	29	.2
4	110.00	1160	9962	90.9	16	1200.0	137	706	6.4	28	14000	4	16	.1
5	140.00	1121	8802	80.3	17	1500.0	81	569	5.2	29	17000	5	12	.1
6	170.00	1088	7681	70.1	18	1800.0	92	488	4.5	30	20000	2	7	
7	200.00	2199	6593	60.2	19	2200.0	84	396	3.6	31	25000	2	5	
8	250.00	1492	4394	40.1	20	2700.0	81	312	2.8	32	30000		3	
9	300.00	763	2902	26.5	21	3300.0	73	231	2.1	33	37000	1	3	
10	370.00	390	2139	19.5	22	4100.0	53	158	1.4	34	45000	2	2	
11	450.00	341	1749	16.0	23	5000.0	33	105	1.0					

GILA RIVER BASIN

09508500 VERDE RIVER BELOW TANGLE CREEK, ABOVE HORSESHOE DAM, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1946	78.00 14	85.00 17	90.00 17	94.00 16	98.00 15	110.00 14	122.00 13	166.00 18	274.00 20
1947	83.00 18	94.00 23	99.00 23	101.00 21	103.00 16	107.00 12	121.00 12	130.00 5	175.00 6
1948	68.00 4	71.00 4	76.00 5	83.00 8	93.00 11	104.00 10	120.00 10	171.00 21	274.00 21
1949	106.00 30	108.00 30	110.00 29	112.00 27	134.00 30	171.00 31	180.00 29	182.00 23	444.00 29
1950	76.00 11	79.00 12	85.00 14	91.00 14	97.00 14	113.00 15	127.00 14	164.00 17	180.00 9
1951	68.00 5	73.00 5	76.00 6	78.00 5	83.00 5	93.00 3	119.00 7	158.00 16	186.00 10
1952	77.00 13	81.00 14	86.00 15	96.00 18	104.00 18	115.00 16	128.00 16	145.00 10	578.00 30
1953	80.00 16	82.00 15	84.00 13	86.00 11	94.00 12	118.00 18	137.00 19	153.00 13	210.00 13
1954	79.00 15	79.00 13	82.00 12	89.00 12	94.00 13	106.00 11	120.00 11	208.00 31	290.00 23
1955	87.00 19	89.00 18	92.00 18	100.00 19	119.00 26	140.00 24	186.00 30	200.00 30	237.00 17
1956	67.00 3	68.00 3	71.00 3	74.00 3	82.00 3	100.00 7	119.00 8	137.00 6	148.00 2
1957	88.00 21	90.00 20	92.00 19	93.00 15	105.00 19	155.00 30	167.00 28	184.00 24	201.00 12
1958	61.00 1	62.00 1	63.00 1	67.00 1	75.00 2	102.00 8	115.00 6	152.00 12	396.00 28
1959	76.00 12	77.00 10	78.00 8	83.00 9	92.00 10	110.00 13	127.00 15	141.00 8	212.00 15
1960	75.00 10	77.00 11	80.00 10	85.00 10	87.00 7	99.00 6	112.00 4	125.00 3	168.00 3
1961	71.00 7	76.00 8	78.00 9	79.00 6	84.00 6	96.00 4	111.00 3	125.00 4	196.00 11
1962	71.00 8	73.00 6	75.00 4	75.00 4	83.00 4	90.00 2	98.00 2	105.00 1	240.00 18
1963	63.00 2	64.00 2	66.00 2	67.00 2	69.00 1	78.00 1	89.00 1	106.00 2	147.00 1
1964	70.00 6	77.00 9	82.00 11	89.00 13	89.00 8	96.00 5	115.00 5	227.00 32	242.00 19
1965	88.00 22	90.00 21	95.00 20	106.00 24	115.00 24	142.00 25	150.00 23	187.00 26	774.00 31
1966	87.00 20	89.00 19	96.00 21	102.00 22	110.00 22	117.00 17	136.00 18	171.00 22	215.00 16
1967	103.00 28	104.00 28	107.00 27	119.00 29	133.00 28	153.00 29	165.00 26	191.00 27	211.00 14
1968	118.00 31	119.00 31	121.00 31	126.00 31	139.00 31	147.00 27	188.00 31	200.00 28	277.00 22
1969	94.00 25	100.00 25	101.00 24	103.00 23	112.00 23	124.00 20	153.00 25	169.00 19	301.00 25
1970	93.00 23	102.00 26	104.00 25	107.00 25	119.00 25	130.00 22	150.00 24	184.00 25	291.00 24
1971	73.00 9	75.00 7	77.00 7	81.00 7	89.00 9	104.00 9	120.00 9	139.00 7	179.00 7
1972	94.00 26	96.00 24	110.00 28	120.00 30	133.00 29	134.00 23	143.00 20	151.00 11	170.00 4
1973	124.00 32	125.00 32	146.00 32	154.00 32	161.00 32	186.00 32	196.00 32	200.00 29	1280.00 32
1974	93.00 24	94.00 22	96.00 22	100.00 20	108.00 20	125.00 21	148.00 21	156.00 15	174.00 5
1975	105.00 29	108.00 29	111.00 30	114.00 28	122.00 27	146.00 26	148.00 22	155.00 14	361.00 27

09508500 VERDE RIVER BELOW TANGLE CREEK, ABOVE HORSESHOE DAM, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1946	6590.0 16	3800.0 18	2330.0 18	1400.0 21	838.0 23	552.0 23	461.0 22	440.0 20	369.0 20
1947	4200.0 20	2400.0 22	1370.0 24	837.0 24	590.0 24	515.0 24	457.0 23	417.0 22	345.0 23
1948	2050.0 25	1900.0 25	1830.0 21	1690.0 19	1350.0 17	928.0 15	705.0 16	595.0 16	480.0 15
1949	5820.0 18	4030.0 16	3860.0 15	3470.0 9	3060.0 6	2500.0 4	1890.0 6	1640.0 5	1170.0 5
1950	3930.0 22	2880.0 20	1750.0 22	1270.0 22	1150.0 20	729.0 19	593.0 18	516.0 18	478.0 16
1951	11300.0 12	9120.0 11	4930.0 10	2500.0 16	1330.0 18	750.0 18	532.0 20	425.0 21	366.0 21
1952	42300.0 3	18300.0 3	8780.0 3	4390.0 8	3770.0 4	2190.0 5	1910.0 4	2120.0 3	1530.0 3
1953	4030.0 21	2150.0 24	1230.0 25	735.0 25	502.0 26	465.0 25	352.0 25	344.0 25	298.0 25
1954	13000.0 10	9980.0 8	6650.0 8	4470.0 7	2440.0 10	1340.0 12	981.0 13	794.0 13	592.0 13
1955	3110.0 23	2340.0 23	1510.0 23	1110.0 23	891.0 22	617.0 21	515.0 21	416.0 23	363.0 22
1956	1020.0 28	666.0 28	450.0 30	317.0 30	285.0 30	267.0 30	260.0 30	252.0 30	232.0 30
1957	9070.0 14	6060.0 14	3400.0 16	3240.0 10	2360.0 11	1880.0 9	1370.0 9	1080.0 10	777.0 10
1958	17300.0 7	9840.0 9	7120.0 6	4660.0 6	3240.0 5	2120.0 7	1600.0 8	1260.0 8	1030.0 8
1959	1120.0 27	937.0 27	751.0 27	654.0 27	577.0 25	400.0 26	315.0 27	297.0 27	279.0 26
1960	12700.0 11	9220.0 10	4550.0 12	2560.0 15	1920.0 12	1170.0 13	1330.0 10	1160.0 9	929.0 9
1961	1670.0 26	1570.0 26	1100.0 26	708.0 26	465.0 27	340.0 28	301.0 28	283.0 28	268.0 28
1962	7190.0 15	5970.0 15	3990.0 13	2650.0 13	1750.0 13	1630.0 10	1280.0 11	1020.0 11	756.0 11
1963	6440.0 17	3230.0 19	2200.0 19	1490.0 20	966.0 21	616.0 22	437.0 24	348.0 24	277.0 27
1964	2970.0 24	2820.0 21	2140.0 20	1770.0 18	1180.0 19	689.0 20	534.0 19	461.0 19	444.0 19
1965	17300.0 8	10700.0 7	6650.0 7	5700.0 3	4450.0 3	2920.0 3	2260.0 3	2100.0 4	1460.0 4
1966	22300.0 6	16300.0 4	8440.0 5	7260.0 1	5320.0 2	3470.0 2	2440.0 2	2250.0 2	1580.0 2
1967	45000.0 2	22600.0 2	10900.0 2	5420.0 4	2900.0 7	1600.0 11	1160.0 12	935.0 12	696.0 12
1968	11000.0 13	6200.0 13	3870.0 14	3090.0 11	2740.0 8	2130.0 6	1780.0 7	1510.0 6	1110.0 6
1969	26200.0 5	16000.0 5	8460.0 4	4700.0 5	2600.0 9	1940.0 8	1890.0 5	1490.0 7	1070.0 7
1970	26600.0 4	11700.0 6	5460.0 9	2720.0 12	1520.0 14	913.0 16	663.0 17	528.0 17	470.0 17
1971	785.0 30	647.0 30	522.0 28	508.0 28	446.0 28	316.0 29	275.0 29	273.0 29	258.0 29
1972	14300.0 9	8770.0 12	4850.0 11	2640.0 14	1480.0 16	886.0 17	710.0 15	600.0 15	464.0 18
1973	45100.0 1	27600.0 1	13500.0 1	7220.0 2	5750.0 1	4860.0 1	3980.0 1	3140.0 1	2670.0 1
1974	936.0 29	661.0 29	505.0 29	463.0 29	401.0 29	344.0 27	335.0 26	325.0 26	299.0 24
1975	4360.0 19	3850.0 17	3040.0 17	1960.0 17	1490.0 15	1120.0 14	848.0 14	702.0 14	572.0 14

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
359	344	691	610	626	1001	864	208	126	177	368	268
536000	80280	906100	353400	384000	898200	1573000	46920	2241	6278	62010	59550
732	283	952	594	620	948	1254	217	47.3	79.2	249	244
5.30	2.85	3.01	1.92	1.82	1.36	2.82	5.01	2.61	1.46	1.94	4.21
2.04	0.82	1.38	0.97	0.99	0.95	1.45	1.04	0.38	0.45	0.68	0.91
6.36	6.10	12.2	10.8	11.1	17.7	15.3	3.68	2.23	3.14	6.52	4.76

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
470	95300	309	2.48	0.66	-0.133

09510070 WEST FORK SYCAMORE CREEK ABOVE MCFARLAND CANYON, NEAR SUNFLOWER, AZ

LOCATION.--Lat 33°57'38", long 111°29'12", in SE 1/4 sec.12, T.7 N., R.8 E. (unsurveyed), Maricopa County, in Tonto National Forest, on left bank 0.2 mi (0.32 km) upstream from McFarland Canyon and 6.8 mi (10.9 km) north of Sunflower.

DRAINAGE AREA.--4.58 mi² (11.86 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1966	430	12-22-65	4.45	1966	1480
1967	13	12-07-66	2.53	1967	101
1968	152	12-19-67	3.70	1968	1280
1969	10	02-25-69	2.48	1969	379
1970	1700	09-05-70	5.50	1970	397
1971	.3	11-30-70	2.02	1971	34
1972	.3	06-22-72	1.66	1972	12
1973	185	10-07-72	3.83	1973	2580
1974	6.6	08-05-74	2.34	1974	119

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1966	110	26	18	7	4	7	3	2	16	25	13	15	2	17	19	25	11	10	10	6	2	2	2	5	1	3	1		1	1		1			
1967	72	20	12	12	15	23	8	22	145	18	6	3	1	2	1	1	1	1	1	1	1														
1968	96	51	22	7	3	6	5		18	7	12	13	3	12	10	13	6	15	13	23	8	11	3	3	3	2		1							
1969	140	56	6	7	4	3	5	1	21	20	13	11	4	17	10	9	11	11	7	5	2	2													
1970	181	27	19	12	5	26	8	2	43	8	5	3		7	8	5	3			1					1								1		
1971	99	33	34	7	16	45	41	6	84																										
1972	180	52	23	29	19	43	20																												
1973	3	15	10	8	6	9	20	5	24	10	7	13	7	30	23	40	28	18	10	13	6	12	13	19	5	9	1	1							
1974	109	45	19	17	22	16	7	4	45	25	15	14	3	8	10	4	1		1																

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	990	3287	100.0	12	0.6	20	620	18.9	24	18	10	32	.9
1	0.01	325	2297	69.9	13	0.7	93	600	18.3	25	23	14	22	.6
2	0.02	163	1972	60.0	14	1.0	81	507	15.4	26	31	2	8	.2
3	0.03	106	1809	55.0	15	1.3	97	426	13.0	27	42	2	6	.1
4	0.04	94	1703	51.8	16	1.8	61	329	10.0	28	56	1	4	.1
5	0.05	178	1609	49.0	17	2.3	55	268	8.2	29	74	1	3	
6	0.07	117	1431	43.5	18	3.1	41	213	6.5	30	99		2	
7	0.09	42	1314	40.0	19	4.2	49	172	5.2	31	130	2	2	
8	0.10	396	1272	38.7	20	5.6	19	123	3.7	32				
9	0.20	113	876	26.7	21	7.4	27	104	3.2	33				
10	0.30	71	763	23.2	22	9.9	18	77	2.3	34				
11	0.40	72	692	21.1	23	13.0	27	59	1.8					

GILA RIVER BASIN

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09510070 WEST FORK SYCAMORE CREEK ABOVE MCFARLAND CANYON, NEAR SUNFLOWER, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1966	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.01 7	0.01 5	0.09 5
1967	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 1	0.01 6	0.05 3
1968	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.01 8	0.02 8	0.20 8
1969	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 2	0.01 7	0.11 6
1970	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 3	0.00 1	0.16 7
1971	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 4	0.00 2	0.02 2
1972	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 5	0.00 3	0.01 1
1973	0.00 8	0.00 8	0.01 9	0.01 9	0.02 9	0.04 9	0.07 9	0.14 9	1.40 9
1974	0.00 9	0.00 9	0.00 8	0.00 8	0.00 8	0.00 8	0.01 6	0.01 4	0.06 4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1966	134.0 1	76.0 1	41.0 1	32.0 1	20.0 1	11.0 2	7.7 2	6.0 2	4.1 2
1967	5.8 6	4.3 6	2.6 6	1.5 6	0.9 7	0.5 7	0.4 7	0.3 7	0.3 7
1968	48.0 3	30.0 3	19.0 4	11.0 3	9.3 3	7.6 3	6.4 3	5.2 3	3.5 3
1969	9.1 5	7.3 5	5.6 5	3.7 5	3.3 5	2.5 5	2.0 4	1.6 4	1.0 4
1970	132.0 2	52.0 2	23.0 2	11.0 4	5.5 4	2.7 4	1.8 5	1.4 5	1.0 5
1971	0.2 8	0.1 8	0.1 8	0.1 8	0.1 8	0.1 8	0.1 8	0.1 8	0.1 8
1972	0.1 9	0.1 9	0.1 9	0.1 9	0.1 9	0.1 9	0.1 9	0.1 9	0.0 9
1973	42.0 4	26.0 4	20.0 3	16.0 2	14.0 2	13.0 1	9.3 1	8.1 1	6.4 1
1974	3.5 7	2.4 7	1.8 7	1.4 7	0.9 6	0.5 6	0.6 6	0.5 6	0.3 6

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
0.48	0.35	2.85	1.72	2.23	2.21	0.98	0.25	0.07	0.02	0.01	0.61
2.04	0.80	29.8	5.59	11.6	13.3	4.44	0.17	0.02	0.00	0.00	3.31
1.43	0.90	5.46	2.36	3.41	3.64	2.11	0.41	0.12	0.04	0.02	1.82
3.00	2.96	2.51	1.78	1.74	2.52	2.92	2.76	2.83	2.90	2.00	3.00
2.95	2.59	1.92	1.38	1.53	1.65	2.15	1.64	1.83	2.46	1.66	2.98
4.11	2.94	24.2	14.6	19.0	18.8	8.31	2.13	0.57	0.14	0.11	5.18

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.98	1.50	1.22	1.40	1.25	-0.446

GILA RIVER BASIN

09510080 WEST FORK SYCAMORE CREEK NEAR SUNFLOWER, AZ

LOCATION.--Lat 33°56'45", long 111°29'05", in SE¼ sec.13, T.7 N., R.8 E. (unsurveyed), Maricopa County, in Tonto National Forest, on right bank 1.2 mi (1.9 km) upstream from confluence with East Fork, and 5.7 mi (9.17 km) north of Sunflower.

DRAINAGE AREA.--9.8 mi² (25.38 km²).

WATER YEAR	ANNUAL PEAK DISCH.,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1962	52	01-25-62	2.11	1962	1390
1963	116	02-11-63	2.65	1963	768
1964	5.6	03-24-64	1.45	1964	145
1965	90	04-10-65	2.43	1965	1780
1966	698	12-22-65	6.75	1966	2870
1967	18	12-07-66	1.73	1967	167
1968	364	12-19-67	4.93	1968	3840
1969	25	02-25-69	1.82	1969	672
1970	3480	09-05-70	9.50	1970	813
1971	1.2	12-22-70	.97	1971	63
1972	4.4	06-22-72	1.27	1972	26
1973	448	10-07-72	5.50	1973	6440
1974	30	01-09-74	1.43	1974	218

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1962	120	38	12	13	2	5	2	10	13	6	13	12	12	10	11	15	15	15	7	4	10	11	6	3												
1963	109	16	22	44	10	7	2	16	25	16	10	17	11	9	11	11	4	7	3	5	3	1	3	1	1	1										
1964	80	30	7	7	4	15	15	36	104	25	13	8	8	4	7	2	1																			
1965	53	84	19	19	12	11	3	11	6	3	3	27	19	16	7	15	11	8	5	5	3	4	5	10	3	2	1									
1966	87	25	17	18	12	10	2	9	13	10	7	22	12	11	19	29	17	11	4	5	7	4	2	3	2	2	1	1	1							
1967	76	16	4	13	11	51	4	69	40	24	30	15	5	2	1	1	1	1																		
1968	105	42	10	10	6	10	2	15	3	9	3	10	13	11	6	8	12	8	7	10	14	18	10	8	7	2	2	3	2							
1969	82	64	36	13	5	12	3	22	7	17	7	12	8	9	14	8	17	8	9	5	3	2	2													
1970	105	27	33	61	7	17	16	30	14	4	5	11	6	4	7	4	5	4	2			1					1									
1971	57	46	13	4	30	48	15	101	45	3	2		1																							
1972	105	48	50	18	48	7	62	27	1																											
1973	3	10	8	7	21	7	7	25	10	6	7	15	8	25	26	25	27	22	13	18	7	8	7	17	14	9	6	5	1	1						
1974	57	73	29	9	8	5	11	52	32	27	11	18	11	7	8	2	2	1		1			1													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1039	4748	100.0	12	0.7	114	1005	21.2	24	30	27	71	1.4
1	0.01	519	3709	78.1	13	1.0	108	891	18.8	25	40	17	44	.9
2	0.02	260	3190	67.2	14	1.4	117	783	16.5	26	55	10	27	.5
3	0.03	236	2930	61.7	15	1.9	120	666	14.0	27	75	9	17	.3
4	0.04	176	2694	56.7	16	2.5	112	546	11.5	28	100	4	8	.1
5	0.06	205	2518	53.0	17	3.4	84	434	9.1	29	140	1	4	
6	0.08	144	2313	48.7	18	4.7	51	350	7.4	30	190	2	3	
7	0.10	423	2169	45.7	19	6.4	53	299	6.3	31	260	1	1	
8	0.20	313	1746	36.8	20	8.7	48	246	5.2	32				
9	0.30	150	1433	30.2	21	12.0	49	198	4.2	33				
10	0.40	111	1283	27.0	22	16.0	36	149	3.1	34				
11	0.50	167	1172	24.7	23	22.0	42	113	2.4					

GILA RIVER BASIN

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09510080 WEST FORK SYCAMORE CREEK NEAR SUNFLOWER, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1962	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.01 3	0.30 9
1963	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.01 4	0.48 11
1964	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 1	0.11 5
1965	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.01 10	0.04 11	2.50 12
1966	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.01 11	0.05 12	0.19 7
1967	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 4	0.01 5	0.08 3
1968	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 5	0.02 8	0.32 10
1969	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 6	0.01 6	0.16 6
1970	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 7	0.02 9	0.30 8
1971	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 8	0.01 7	0.03 2
1972	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 9	0.00 2	0.01 1
1973	0.00 12	0.00 12	0.01 13	0.01 13	0.02 13	0.05 13	0.08 13	0.18 13	3.10 13
1974	0.00 13	0.00 13	0.00 12	0.00 12	0.00 12	0.01 12	0.03 12	0.03 10	0.09 4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1962	28.0 7	24.0 7	20.0 6	13.0 6	12.0 5	8.5 5	6.9 5	5.6 5	3.8 5
1963	52.0 6	26.0 6	15.0 7	11.0 7	7.4 7	4.0 8	2.7 8	2.0 8	1.5 8
1964	3.2 11	2.3 11	1.8 11	1.4 11	0.9 11	0.6 11	0.5 11	0.4 11	0.4 11
1965	58.0 5	41.0 5	34.0 5	25.0 4	17.0 4	12.0 4	8.9 4	7.3 4	4.9 4
1966	264.0 1	148.0 1	77.0 1	66.0 1	40.0 1	21.0 3	15.0 3	12.0 3	7.9 3
1967	8.7 10	6.0 10	3.4 10	1.9 10	1.2 10	0.8 10	0.6 10	0.5 10	0.4 10
1968	135.0 4	97.0 3	59.0 3	34.0 3	30.0 3	25.0 2	20.0 2	16.0 2	11.0 2
1969	20.0 8	16.0 8	12.0 8	7.5 8	6.2 8	4.6 7	3.5 7	2.8 6	1.8 7
1970	257.0 2	107.0 2	48.0 4	22.0 5	11.0 6	5.6 6	3.8 6	2.8 7	2.0 6
1971	0.8 12	0.5 12	0.4 12	0.3 12	0.3 12	0.2 12	0.2 12	0.2 12	0.2 12
1972	0.2 13	0.2 13	0.2 13	0.1 13	0.1 13	0.1 13	0.1 13	0.1 13	0.1 13
1973	153.0 3	79.0 4	61.0 2	43.0 2	40.0 2	32.0 1	23.0 1	20.0 1	16.0 1
1974	17.0 9	9.8 9	5.3 9	3.2 9	1.9 9	1.1 9	1.0 9	0.8 9	0.6 9

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.09	0.70	4.68	3.37	4.56	5.41	2.80	0.35	0.07	0.02	0.41	0.99
14.7	4.86	93.5	33.4	49.2	76.8	30.0	0.30	0.02	0.00	2.15	9.11
3.84	2.21	9.67	5.78	7.02	8.76	5.48	0.55	0.15	0.04	1.47	3.02
3.61	3.59	2.54	2.81	1.93	2.58	2.17	2.83	3.42	3.20	3.74	3.51
3.53	3.17	2.06	1.71	1.54	1.62	1.96	1.55	2.06	2.12	3.54	3.05
4.44	2.84	19.2	13.8	18.7	22.1	11.4	1.45	0.29	0.08	1.69	4.04

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.04	6.83	2.61	1.81	1.28	-0.373

09510100 EAST FORK SYCAMORE CREEK NEAR SUNFLOWER, AZ

LOCATION.--Lat 33°56'58", long 111°27'39", in NE¼SE¼ sec. 18, T.7 N., R.9 E., Maricopa County, Hydrologic Unit 15060203, in Tonto National Forest, on left bank 1.7 mi (2.7 km) upstream from confluence with West Fork and 6.0 mi (9.7 km) north of Sunflower.

DRAINAGE AREA.--4.49 mi² (11.6 km²).

WATER YEAR	ANNUAL PEAK DISCH, CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK, FT	WATER YEAR	TOTAL VOLUME, ACNE-FT
1962	11	01-25-62	2.56	1962	341
1963	50	09-01-63	2.84	1963	75
1964	.8	11-21-63	2.12	1964	6
1965	31	04-10-65	2.24	1965	448
1966	330	12-22-65	5.07	1966	1340
1967	12	12-07-66	1.93	1967	48
1968	244	12-19-67	4.35	1968	1110
1969	19	01-26-69	2.10	1969	238
1970	1940	09-05-70	9.50	1970	345
1971	32	08-03-71	2.37	1971	22
1972	3.8	06-22-72	1.55	1972	4
1973	125	10-07-72	3.36	1973	2100
1974	6.1	01-09-74	1.71	1974	56
1975	7.6	04-10-75	1.75	1975	121

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
														NUMBER OF DAYS IN CLASS																						
1962	220								23	18	7	19	16	12	12	5	6	8	6	7	5	1														
1963	333								9	5	4	5	2		1		1		1	1	1	2														
1964	341								19	5	1																									
1965	129	52	10	8	10	16	10	9	21	15	6	13	19	9	6	2	4	3	3	3	7	4	4	1	1											
1966	128	35	7	8	10	9	1	1	7	13	11	14	12	22	31	15	12	1	3	6	3	2	3	2	3		2	1	1	1	1					
1967	125	26	8	23	16	55	44	12	42	9	2			1		1				1																
1968	81	33	43	16	8	7	1	2	19	5	10	5	14	11	14	11	12	21	23	8	8	4	3	2	2	1			2							
1969	55	119	18	3	7	27	3	1	24	19	18	11	13	11	11	6	5	7	3	3		1														
1970	125	130	19	3	6	33	6	4	15	8	3	3	3	1	1	1	1				1							1					1			
1971	68	85	41	50	38	76	3	1				1		1																						
1972	160	200	5						1																											
1973	3	28	18	11	16	21	3	2	13	11	13	9	35	27	28	15	18	17	11	7	9	12	14	7	7	5	4	1								
1974	105	69	53	5	4	11	3	3	82	17	5	2	2	2			1		1																	
1975	98	59	36	20	23	25	13	7	28	7	11	8	12	4	4	3	1	2	1	2	1															

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1971	5113	100.0	12	0.5	129	737	14.4	24	16	13	34	.6
1	0.01	836	3142	61.5	13	0.7	100	608	11.9	25	22	6	21	.4
2	0.02	258	2306	45.1	14	0.9	109	508	9.9	26	29	7	15	.2
3	0.03	147	2048	40.1	15	1.3	58	399	7.8	27	38	2	8	.1
4	0.04	138	1901	37.2	16	1.7	61	341	6.7	28	51	3	6	.1
5	0.05	280	1763	34.5	17	2.2	59	280	5.5	29	68	1	3	
6	0.07	87	1483	29.0	18	3.0	52	221	4.3	30	90		2	
7	0.09	42	1396	27.3	19	3.9	38	169	3.3	31	120	2	2	
8	0.10	302	1354	26.5	20	5.2	35	131	2.6	32				
9	0.20	134	1052	20.6	21	6.9	26	96	1.9	33				
10	0.30	91	918	18.0	22	9.2	24	70	1.4	34				
11	0.40	90	827	16.2	23	12.0	12	46	0.9					

09510100 EAST FORK SYCAMORE CREEK NEAR SUNFLOWER, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1962	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.07 8
1963	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.01 2
1964	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.01 3
1965	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.01 9	0.55 14
1966	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.01 10	0.09 9
1967	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 4	0.02 4
1968	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.04 15	0.04 14	0.20 12
1969	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.01 13	0.01 11	0.09 10
1970	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 7	0.01 12	0.06 7
1971	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 8	0.01 13	0.02 5
1972	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 9	0.00 5	0.00 1
1973	0.00 12	0.00 12	0.01 15	0.01 15	0.01 15	0.02 15	0.04 14	0.09 15	1.10 15
1974	0.00 13	0.00 13	0.00 12	0.00 12	0.00 12	0.00 12	0.00 10	0.00 6	0.03 6
1975	0.00 14	0.00 14	0.00 13	0.00 13	0.00 13	0.00 13	0.00 11	0.01 7	0.13 11

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1962	8.2 7	5.9 6	4.7 6	3.2 6	2.9 6	2.1 6	1.7 6	1.4 5	0.9 5
1963	8.0 8	3.8 9	2.0 9	1.6 9	0.8 9	0.4 9	0.3 9	0.2 9	0.2 9
1964	0.3 13	0.2 13	0.2 12	0.1 12	0.1 12	0.0 13	0.0 13	0.0 13	0.0 13
1965	16.0 5	11.0 5	9.4 5	6.9 5	4.4 5	3.2 4	2.3 4	1.8 4	1.2 4
1966	134.0 1	72.0 1	39.0 1	30.0 1	19.0 1	9.8 2	7.0 2	5.4 2	3.7 2
1967	4.8 10	2.1 10	1.1 10	0.6 10	0.4 10	0.2 11	0.2 11	0.2 11	0.1 11
1968	63.0 3	33.0 3	18.0 4	9.9 4	7.6 3	6.7 3	5.6 3	4.5 3	3.0 3
1969	9.0 6	5.5 7	3.5 7	2.2 7	1.8 7	1.6 7	1.2 7	1.0 7	0.7 7
1970	120.0 2	52.0 2	23.0 2	11.0 3	5.3 4	2.6 5	1.8 5	1.3 6	0.9 6
1971	0.8 12	0.3 12	0.1 13	0.1 13	0.1 13	0.1 12	0.1 12	0.1 12	0.0 12
1972	0.3 14	0.1 14	0.1 14	0.0 14	0.0 14	0.0 14	0.0 14	0.0 14	0.0 14
1973	41.0 4	27.0 4	20.0 3	15.0 2	14.0 2	11.0 1	8.0 1	6.7 1	5.1 1
1974	3.2 11	2.0 11	1.0 11	0.5 11	0.3 11	0.2 10	0.3 10	0.2 10	0.2 10
1975	5.2 9	4.5 8	3.0 8	1.8 8	1.2 8	0.9 8	0.6 8	0.5 8	0.3 8

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.27	0.16	1.75	0.94	1.12	1.61	0.90	0.16	0.03	0.01	0.05	0.38
1.00	0.21	19.1	2.81	3.86	9.02	2.73	0.08	0.01	0.00	0.01	1.86
1.00	0.46	4.37	1.68	1.97	3.00	1.65	0.28	0.07	0.02	0.12	1.36
3.74	3.44	3.23	2.68	2.39	3.08	2.31	2.95	3.41	3.31	3.58	3.85
3.68	2.85	2.50	1.79	1.75	1.86	1.83	1.77	2.21	2.39	2.68	3.59
3.68	2.17	23.7	12.7	15.2	21.9	12.2	2.12	0.44	0.12	0.62	5.15

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
0.62	0.75	0.87	1.81	1.41	-0.305

GILA RIVER BASIN

09510150 SYCAMORE CREEK NEAR SUNFLOWER, AZ

LOCATION.--Lat 33°51'05", long 111°27'09", in NE¼ sec.20, T.6 N., R.9 E., Maricopa County, in Tonto National Forest, on right bank 1.1 mi (1.8 km) upstream from Boulder Creek, 1.2 mi (1.9 km) north of Crabtree Butte, and 1.2 mi (1.9 km) southeast of Sunflower.

DRAINAGE AREA.--52.3 mi² (135.5 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1962	325	12-16-61	4.15	1962	5230
1963	1120	02-11-63	5.70	1963	2070
1964	286	08-12-64	4.02	1964	379
1965	762	04-10-65	5.13	1965	6790
1966	4800	12-22-65	7.90	1966	14200
1967	550	09-06-67	4.71	1967	444
1968	7650	12-19-67	8.61	1968	13900
1969	142	01-25-69	3.88	1969	2850
1970	16100	09-05-70	22.00	1970	2880
1971	395	08-03-71	3.09	1971	532
1972	2350	08-04-72	5.00	1972	938
1973	3810	10-07-72	5.78	1973	24500
1974	355	08-05-74	3.09	1974	1210
1975	69	03-15-75	2.26	1975	1460

DISCHARGE, IN CUBIC FEET PER SECOND MEAN DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1962	97						26	36	23	16	5	10	17	13	10	15	16	19	8	10	9	12	7	7	4	2	1	2								
1963	13						60	32	38	61	21	29	23	49	8	7	6	4	2	2	3	1	2	1	1		1		1							
1964	46						54	34	16	65	99	30	16	2	2		1				1															
1965	29						73	49	4	30	3	7	18	26	26	26	19	11	6	5	2	4	4	6	4	6	5		1	1						
1966							43	72	11	26	21	6	7	10	15	23	14	34	18	21	11	2	2	6	4	6	4	4	1		2	1		1		
1967							97	36	7	96	68	44	7	1	3	2		1	2																	
1968							20	68	9	16	50	14	13	6	9	13	10	10	25	11	15	12	27	8	11	10	4	2	1		1			1		
1969							6	45	43	32	10	6	20	29	18	11	9	31	34	17	12	5	9	9	7	10	1	1								
1970							2	6	43	34	20	27	12	107	36	38	12	10	3	6	3	2						1							1	
1971	26						5		7	19	23	91	79	84	5	4	3	7		2	3	1	2	1	1	1										
1972									24	89	98	61	62	14	1	2	4	3	1	1	1															
1973									9	10	10	16	11	24	19	19	9	27	11	32	19	28	25	15	16	13	12	12	7	10	6	1	3	1		
1974							1	6	6	15	47	33	23	31	29	21	29	35	51	24	5	3	1	2	1	1	1									
1975									5	30	22	22	28	14	55	45	45	15	30	11	11	4	7	2	8	4	4	2	1							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	211	5113	100.0	12	1.1	185	1606	31.4	24	61	38	130	2.5
1	0.01	0	4902	95.9	13	1.5	224	1421	27.8	25	85	32	92	1.7
2	0.02	8	4902	95.9	14	2.1	185	1197	23.4	26	120	20	60	1.1
3	0.03	23	4894	95.7	15	3.0	188	1012	19.8	27	170	18	40	.7
4	0.05	131	4871	95.3	16	4.2	110	824	16.1	28	230	9	22	.4
5	0.07	177	4740	92.7	17	5.8	150	714	14.0	29	320	3	13	.2
6	0.10	663	4563	89.2	18	8.2	78	564	11.0	30	450	5	10	.1
7	0.20	565	3900	76.3	19	11.0	101	486	9.5	31	530	2	5	
8	0.30	320	3335	65.2	20	16.0	80	385	7.5	32	880	1	3	
9	0.40	719	3015	59.0	21	22.0	74	305	6.0	33	1200	2	2	
10	0.60	400	2296	44.9	22	31.0	54	231	4.5	34				
11	0.80	290	1896	37.1	23	43.0	47	177	3.5					

09510150 SYCAMORE CREEK NEAR SUNFLOWER, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1962	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.03 1	0.09 1	0.12 1	1.19 10
1963	0.00 2	0.00 2	0.00 2	0.06 8	0.08 8	0.21 10	0.26 10	0.31 8	1.10 8
1964	0.00 3	0.00 3	0.00 3	0.00 2	0.00 2	0.09 5	0.17 7	0.25 6	0.42 2
1965	0.00 4	0.00 4	0.00 4	0.00 3	0.06 6	0.11 6	0.15 6	0.60 14	8.90 14
1966	0.10 12	0.10 12	0.10 12	0.10 12	0.10 10	0.29 14	0.41 12	0.55 12	1.10 9
1967	0.10 13	0.10 13	0.10 13	0.10 13	0.11 11	0.13 8	0.20 8	0.35 9	0.44 3
1968	0.08 11	0.08 11	0.08 11	0.09 10	0.09 9	0.22 12	0.52 14	0.57 13	1.80 11
1969	0.03 9	0.04 9	0.05 9	0.06 9	0.06 7	0.08 4	0.12 3	0.17 2	0.96 7
1970	0.02 7	0.02 6	0.03 7	0.04 5	0.05 4	0.11 7	0.12 4	0.22 4	0.63 5
1971	0.00 5	0.00 5	0.00 5	0.00 4	0.00 3	0.06 2	0.12 5	0.21 3	0.30 1
1972	0.07 10	0.07 10	0.08 10	0.10 11	0.17 14	0.21 11	0.22 9	0.25 5	0.46 4
1973	0.15 15	0.15 15	0.17 15	0.23 15	0.32 15	0.48 15	0.67 15	1.19 15	10.00 15
1974	0.02 6	0.03 7	0.03 6	0.05 6	0.12 12	0.16 9	0.36 11	0.45 11	0.78 6
1975	0.03 8	0.04 8	0.04 8	0.05 7	0.06 5	0.07 3	0.11 2	0.26 7	1.90 12

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1962	196.0 7	108.0 7	74.0 6	44.0 6	38.0 6	29.0 5	24.0 5	21.0 5	14.0 5
1963	265.0 6	119.0 6	54.0 7	26.0 8	14.0 8	7.9 9	5.8 9	4.5 9	3.1 9
1964	20.0 13	6.8 14	3.0 14	1.5 14	1.1 14	0.9 14	0.8 14	0.8 14	0.8 14
1965	341.0 5	185.0 5	146.0 5	102.0 4	59.0 4	41.0 4	32.0 4	27.0 4	18.0 4
1966	1230.0 2	696.0 2	365.0 2	266.0 1	192.0 1	106.0 2	74.0 2	58.0 2	39.0 2
1967	19.0 14	6.9 13	3.9 13	2.3 13	1.5 13	1.2 13	1.0 13	0.9 13	0.8 13
1968	2520.0 1	1010.0 1	464.0 1	249.0 2	138.0 3	93.0 3	71.0 3	56.0 3	38.0 3
1969	72.0 10	46.0 8	41.0 8	29.0 7	22.0 7	17.0 7	14.0 6	11.0 6	7.6 6
1970	1000.0 3	407.0 3	177.0 4	83.0 5	42.0 5	21.0 6	14.0 7	11.0 7	7.3 7
1971	51.0 11	27.0 12	13.0 12	8.7 11	5.2 12	2.9 12	2.0 12	1.5 12	1.1 12
1972	104.0 8	35.0 11	15.0 11	7.2 12	7.1 11	5.3 10	4.0 11	3.0 11	2.1 11
1973	700.0 4	350.0 4	235.0 3	154.0 3	146.0 2	114.0 1	84.0 1	73.0 1	60.0 1
1974	80.0 9	42.0 9	22.0 10	12.0 10	7.3 10	4.9 11	4.5 10	3.8 10	2.9 10
1975	45.0 12	40.0 10	29.0 9	18.0 9	13.0 9	8.9 8	6.4 8	5.0 8	3.5 8

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
4.67	2.86	25.7	9.88	13.8	17.1	9.59	2.10	0.89	0.50	1.75	3.58
269	39.5	2916	130	436	1064	294	11.9	1.41	0.82	9.84	121
16.4	6.28	54.0	11.4	20.9	32.6	17.2	3.45	1.19	0.91	3.14	11.0
3.74	2.74	2.28	1.51	2.37	3.12	2.25	3.42	1.97	3.18	2.65	3.71
3.51	2.19	2.10	1.25	1.51	1.90	1.79	1.65	1.33	1.81	1.79	3.08
5.10	3.12	28.1	9.91	15.0	18.7	10.5	2.29	0.97	0.55	1.91	3.91

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
7.63	97.8	9.89	1.80	1.30	-0.295

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2779	3288	100.0	12	0.7	36	414	12.6	24	28	14	29	.8
1	0.01	3	509	15.5	13	1.0	31	378	11.5	25	38	3	15	.4
2	0.02	1	506	15.4	14	1.3	25	347	10.6	26	52	3	12	.3
3	0.03	6	505	15.4	15	1.8	28	322	9.8	27	71	1	9	.2
4	0.04	10	499	15.2	16	2.4	40	294	8.9	28	96	4	8	.2
5	0.06	9	489	14.9	17	3.3	47	254	7.7	29	130	1	4	.1
6	0.08	3	480	14.6	18	4.5	22	207	6.3	30	180	1	3	
7	0.10	19	477	14.5	19	6.1	33	185	5.6	31	240	2	2	
8	0.20	8	458	13.9	20	8.3	34	152	4.6	32				
9	0.30	16	450	13.7	21	11.0	36	118	3.6	33				
10	0.40	7	434	13.2	22	15.0	31	82	2.5	34				
11	0.50	13	427	13.0	23	21.0	22	51	1.6					

GILA RIVER BASIN

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09510180 ROCK CREEK NEAR SUNFLOWER, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1964	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1
1965	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	1.90 9
1966	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.07 7
1967	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 2
1968	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.01 9	0.02 9	0.07 8
1969	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.00 5	0.05 6
1970	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	0.00 6	0.02 5
1971	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	0.00 7	0.00 3
1972	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 8	0.00 8	0.00 4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1964	123.0 4	63.0 4	27.0 4	13.0 5	6.7 6	3.3 6	2.2 6	1.7 6	1.1 6
1965	45.0 5	29.0 5	25.0 5	21.0 3	13.0 3	9.5 3	8.1 3	7.1 3	4.7 3
1966	450.0 1	250.0 1	124.0 1	76.0 1	51.0 1	27.0 1	20.0 1	16.0 1	10.0 1
1967	28.0 8	9.9 8	4.3 8	2.0 8	1.0 8	0.5 8	0.3 8	0.3 8	0.2 8
1968	236.0 2	120.0 2	58.0 2	32.0 2	19.0 2	15.0 2	12.0 2	9.3 2	6.1 2
1969	29.0 7	21.0 6	16.0 6	13.0 6	9.1 4	7.6 4	6.1 4	4.6 4	3.0 4
1970	149.0 3	79.0 3	35.0 3	16.0 4	8.2 5	4.1 5	2.7 5	2.1 5	1.4 5
1971	32.0 6	11.0 7	4.6 7	3.5 7	1.8 7	0.9 7	0.6 7	0.4 7	0.3 7
1972	3.0 9	1.3 9	0.6 9	0.3 9	0.1 9	0.1 9	0.0 9	0.0 9	0.0 9

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.00	0.02	6.78	2.84	2.86	2.21	1.21	0.00	0.01	0.10	1.21	0.82
0.00	0.00	234	12.5	12.2	8.22	13.3	0.00	0.00	0.09	4.62	6.76
0.00	0.07	15.3	3.53	3.50	2.87	3.65	0.01	0.04	0.30	2.15	2.60
*****	3.00	2.46	0.55	0.51	0.86	3.16	1.79	3.16	3.16	2.02	3.16
*****	3.00	2.26	1.24	1.23	1.30	3.01	2.11	3.16	3.05	1.78	3.16
0.00	0.13	37.5	15.7	15.8	12.2	6.72	0.03	0.07	0.55	6.69	4.56

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.51	3.03	1.74	1.32	1.16	-0.098

***** Skewness and coefficient of variation could not be computed owing to a zero-value month.

GILA RIVER BASIN

09510200 SYCAMORE CREEK NEAR FORT MCDOWELL, AZ

LOCATION.--Lat 33°41'39", long 111°32'28", in sec.16, T.4 N., R.8 E. (unsurveyed), Maricopa County, Hydrologic Unit 15060203, in Tonto National Forest, on right bank 0.7 mi (1.1 km) southwest of Sugarloaf Mountain, 9 mi (14 km) northeast of Fort McDowell, 10 mi (16 km) upstream from mouth, and 25 mi (40 km) northeast of Scottsdale.

DRAINAGE AREA.--164 mi² (425 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1961	248	07-03-61	2.07	1961	169
1962	674	12-16-61	2.94	1962	11500
1963	2860	08-16-63	5.65	1963	3570
1964	1060	08-01-64	3.54	1964	964
1965	1170	01-07-65	3.70	1965	14300
1966	11200	12-22-65	12.10	1966	35800
1967	1060	07-16-67	3.55	1967	778
1968	9880	12-19-67	11.12	1968	30600
1969	216	01-27-69	1.92	1969	7430
1970	24200	09-05-70	19.70	1970	5700
1971	876	08-19-71	3.11	1971	458
1972	1810	06-22-72	4.35	1972	464
1973	8540	10-19-72	10.18	1973	74400
1974	1030	08-05-74	3.35	1974	2350
1975	188	04-11-75	1.62	1975	3910

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1961	236							44	46	21	8		1	2	2		1	1	2	1																
1962	173							19	7	7	6	8	12	19	7	4	7	8	8	21	9	13	13	9	7	3	2	2	1							
1963	220							12	10	4	9	14	24	33	10	14	3	1	2		1	1	1	2		1	1	1	1							
1964	86							99	17	19	66	47	18	3	2	2	1	2	1																	
1965	123							64	8	2	11	13	14	15	12	5	6	3	15	18	14	12	4	5	3	7	4	6	1							
1966	55							43	40	10	9	9	13	9	15	13	18	16	7	6	13	34	22	5	6	6	6	3	3		1	1	1	1		
1967	21	2	5	3	14	16	9	34	34	13	53	54	48	43	8	2	1		2	1																
1968		3	25	28	17	10		60	9	2	12	12	7	6	8	10	26	17	6	10	5	21	26	12	10	17	2	2	1			1		1		
1969	27	7	13	14	20	14	15	43		6	56	11	12	19	11	8	11	8	3	13	9	11	16	10	7	1										
1970	92	35	50	39	27	12	4	21	6	3	21	13	15	12	3	2	1	4	1	1												1		1		
1971	5		1	16	3	1152	72	40	57	7	4		2				1		1		1		2													
1972	3	26	2	9	17	3	3160	69	32	20	6	3	2	4			3		1																	
1973				3							1	12	19	20	16	7	12	25	10	28	28	44	43	19	16	16	16	10	8	7	1	3	1			
1974					3	11	65	18	7	30	22	67	16	9	39	54	8	8	3	1	1	1	1	1												
1975		24	21	32	28	11	11	12	6	30	60	26	17	27	7	4	8	8	9	5	7	5	3	2	2											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1036	5844	100.0	12	1.0	291	1961	33.6	24	96	54	206	3.5
1	0.01	112	4808	82.3	13	1.4	226	1670	28.6	25	140	59	152	2.6
2	0.02	143	4696	80.4	14	2.1	155	1444	24.7	26	210	31	93	1.5
3	0.03	131	4553	77.9	15	3.1	132	1289	22.1	27	300	25	62	1.0
4	0.04	187	4422	75.7	16	4.5	165	1157	19.8	28	450	16	37	.6
5	0.06	116	4235	72.5	17	6.6	122	992	17.0	29	650	8	21	.3
6	0.09	64	4119	70.5	18	9.6	84	870	14.9	30	960	2	13	.2
7	0.10	842	4055	69.4	19	14.0	120	786	13.4	31	1400	7	11	.1
8	0.20	354	3213	55.0	20	21.0	97	666	11.4	32	2100	2	4	
9	0.30	179	2859	48.9	21	30.0	148	569	9.7	33	3000	2	2	
10	0.40	423	2680	45.9	22	45.0	143	421	7.2	34				
11	0.70	296	2257	38.6	23	66.0	72	278	4.8					

GILA RIVER BASIN

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09510200 SYCAMORE CREEK NEAR FORT MCDOWELL, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1961	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.10 6	0.17 3
1962	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.02 3	2.10 10
1963	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 1	0.92 7
1964	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.02 6	0.05 6	0.09 4	0.27 4
1965	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.13 10	0.17 9	20.00 15
1966	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.14 12	0.48 13	1.19 13	2.70 11
1967	0.00 7	0.00 7	0.00 7	0.00 7	0.12 14	0.19 14	0.44 12	0.62 12	0.74 6
1968	0.01 12	0.02 14	0.02 12	0.02 12	0.02 10	0.03 7	2.00 15	2.80 15	3.60 12
1969	0.00 8	0.00 8	0.00 8	0.00 8	0.03 12	0.06 9	0.08 7	0.22 10	1.10 8
1970	0.00 9	0.00 9	0.00 9	0.00 9	0.00 7	0.00 5	0.00 4	0.02 2	0.38 5
1971	0.01 13	0.01 12	0.02 13	0.03 14	0.06 13	0.10 11	0.11 8	0.12 7	0.16 1
1972	0.00 10	0.00 10	0.01 10	0.01 10	0.01 8	0.07 10	0.11 9	0.12 8	0.16 2
1973	0.05 15	0.05 15	0.81 16	0.85 16	1.10 16	1.40 16	2.90 16	4.80 16	32.00 16
1974	0.07 16	0.08 16	0.08 15	0.09 15	0.13 15	0.33 15	0.54 14	1.30 14	2.00 9
1975	0.02 14	0.02 13	0.02 14	0.02 13	0.02 11	0.04 8	0.05 5	0.10 5	4.30 13

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1961	15.0 15	8.1 15	3.8 15	1.8 15	0.9 15	0.5 15	0.5 15	0.4 15	0.3 15
1962	453.0 7	275.0 7	198.0 6	116.0 6	96.0 5	73.0 5	57.0 5	47.0 5	32.0 5
1963	537.0 6	310.0 6	136.0 7	64.0 9	33.0 9	18.0 9	12.0 9	9.1 9	6.0 9
1964	174.0 9	87.0 10	37.0 11	22.0 11	11.0 11	5.5 11	3.7 11	2.8 11	2.0 11
1965	622.0 5	371.0 5	249.0 5	200.0 4	123.0 4	89.0 4	69.0 4	58.0 4	39.0 4
1966	3030.0 2	1980.0 2	987.0 1	691.0 1	479.0 1	261.0 2	188.0 2	146.0 2	97.0 2
1967	73.0 12	36.0 12	16.0 12	7.4 14	3.8 14	2.1 14	1.7 14	1.5 12	1.3 12
1968	4370.0 1	2090.0 1	987.0 2	539.0 2	300.0 3	205.0 3	158.0 3	124.0 3	83.0 3
1969	150.0 11	131.0 9	96.0 9	77.0 7	66.0 7	52.0 6	40.0 6	30.0 6	20.0 6
1970	2000.0 4	910.0 4	395.0 4	185.0 5	93.0 6	46.0 7	31.0 7	23.0 7	15.0 7
1971	57.0 13	29.0 13	13.0 13	10.0 12	5.1 12	2.6 12	1.8 12	1.4 13	1.0 13
1972	57.0 14	29.0 14	13.0 14	10.0 13	5.1 13	2.6 13	1.8 13	1.4 14	1.0 14
1973	2220.0 3	1070.0 3	703.0 3	459.0 3	432.0 2	323.0 1	234.0 1	215.0 1	184.0 1
1974	189.0 8	86.0 11	43.0 10	23.0 10	14.0 10	9.3 10	8.3 10	7.0 10	5.0 10
1975	160.0 10	145.0 8	106.0 8	65.0 8	40.0 8	29.0 8	20.0 8	15.0 8	10.0 8

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
13.2	5.90	57.7	22.3	32.5	43.3	20.4	4.83	0.97	1.00	4.09	6.64
2511	344	16030	901	2880	8553	1602	172	9.03	3.18	34.0	566
50.1	18.5	127	30.0	53.7	92.5	40.0	13.1	3.00	1.78	5.84	23.8
3.87	3.75	2.34	1.19	2.60	3.36	2.18	3.73	3.85	1.98	2.10	3.87
3.80	3.14	2.19	1.35	1.65	2.14	1.96	2.72	3.09	1.78	1.43	3.58
6.19	2.77	27.1	10.5	15.3	20.3	9.60	2.27	0.46	0.47	1.92	3.12

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWEWNESS	COEFF. OF VARIATION	SERIAL CORR
17.7	783	28.0	2.37	1.58	-0.262

GILA RIVER BASIN

09512100 INDIAN BEND WASH AT SCOTTSDALE, AZ

LOCATION.--Lat 33°32'19", long 111°54'57", in SW 1/4 sec.2, T.2 N., R.4 E., Maricopa County, Hydrologic Unit 15060106, on upstream side of ford on Indian Bend Road, in Scottsdale.

DRAINAGE AREA.--62 mi² (161 km²) approximately, since October 1975. Prior to October 1975, 139 mi² (360 km²); reduction caused by cutoff of upper portion of basin by diversion canal and detention dike (also see REMARKS).

REMARKS.--Records poor. Natural flow of wash affected by urbanization and partly regulated by artificial lakes upstream. Upper portion of basin (about 77 mi² or 199 km²) cut off by diversion canal and detention dike in October 1975. Release of excess flood waters may occasionally pass canal into lower portion of basin.

WATER YEAR	ANNUAL PEAK DISCH, CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK, FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1961	745	09-13-61	1.25	1961	377
1962	0	-	-	1962	0
1963	350	07-19-63	1.43	1963	220
1964	328	10-19-63	1.39	1964	218
1965	76	02-07-65	0.84	1965	28
1966	596	09-13-66	1.77	1966	543
1967	248	07-17-67	1.65	1967	73
1968	5620	12-19-67	3.12	1968	3090
1969	0	-	-	1969	0
1970	2150	09-05-70	2.35	1970	1570
1971	85	08-10-71	1.05	1971	42
1972	21000	06-22-72	4.90	1972	9300
1973	9600	10-19-72	3.70	1973	12000
1974	9.4	07-31-74	1.01	1974	4
1975	20	11-03-74	1.23	1975	48

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1961	361										1		1						1				1												
1962	365																																		
1963	357			1		1			1		1		1			1	1			1	1														
1964	358	1				2					1									2		1													
1965	360		1	1							2			1			1	1		2															
1966	359												1			3						1		1											
1967	363		1																1																
1968	358	1				1									1	1			1																
1969	365																												2						
1970	363																										2								
1971	357	3	1							1		1	1		1																				
1972	351	1		1				2						1																					
1973	336	1	1		1	2	2		3	3	2		3	1	1	2	1		1	3	1													1	
1974	361		1	1		1		1									3										1								
1975	359	1		1					2				1			1											1					1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	5373	5478	100.0	12	4.7	8	53	1.0	24	220		8	.1
1	0.10	8	105	1.9	13	6.5	3	45	0.8	25	310	3	8	.1
2	0.20	5	97	1.8	14	8.9	3	42	0.8	26	420		5	
3	0.30	5	92	1.7	15	12.0	9	39	0.7	27	580	2	5	
4	0.40	1	87	1.6	16	17.0	5	30	0.5	28	800		3	
5	0.50	9	86	1.6	17	23.0	0	25	0.5	29	1100	1	3	
6	0.70	2	77	1.4	18	32.0	7	25	0.5	30	1500		2	
7	0.90	3	75	1.4	19	44.0	4	18	0.3	31	2100		2	
8	1.30	6	72	1.3	20	61.0	3	14	0.3	32	2900	1	2	
9	1.80	4	66	1.2	21	85.0	0	11	0.2	33	4000	1	1	
10	2.50	7	62	1.1	22	120.0	2	11	0.2	34				
11	3.40	2	55	1.0	23	160.0	1	9	0.2					

09512100 INDIAN BEND WASH AT SCOTTSDALE, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1961	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1
1962	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2
1963	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3
1964	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4
1965	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5
1966	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6
1967	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7
1968	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8
1969	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9
1970	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10
1971	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11
1972	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12
1973	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13
1974	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14
1975	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1961	142.0 6	48.0 6	27.0 5	13.0 5	6.3 5	3.2 5	2.1 5	1.6 5	1.0 5
1962	0.0 14	0.0 14	0.0 14	0.0 14	0.0 14	0.0 14	0.0 14	0.0 14	0.0 14
1963	46.0 7	16.0 7	7.0 7	4.3 7	3.2 7	1.8 7	1.2 7	0.9 7	0.6 7
1964	41.0 8	14.0 8	5.9 8	3.4 8	1.7 8	1.1 8	0.8 8	0.6 8	0.4 8
1965	8.2 12	2.7 12	1.2 12	0.6 12	0.3 12	0.2 12	0.1 12	0.1 12	0.1 12
1966	147.0 5	49.0 5	21.0 6	9.8 6	5.4 6	2.7 6	1.8 6	1.4 6	0.9 6
1967	37.0 9	12.0 9	5.3 9	2.5 9	1.2 9	0.6 9	0.4 9	0.3 9	0.2 9
1968	679.0 3	430.0 3	215.0 3	100.0 3	51.0 3	26.0 3	17.0 3	13.0 3	8.5 3
1969	0.0 15	0.0 15	0.0 15	0.0 15	0.0 15	0.0 15	0.0 15	0.0 15	0.0 15
1970	419.0 4	264.0 4	113.0 4	53.0 4	26.0 4	13.0 4	8.8 4	6.6 4	4.3 4
1971	9.2 11	4.7 11	2.6 11	1.2 11	0.6 11	0.3 11	0.2 11	0.2 11	0.1 11
1972	4380.0 1	1500.0 1	642.0 1	300.0 2	156.0 2	78.0 2	52.0 2	39.0 2	26.0 2
1973	3980.0 2	1450.0 2	620.0 2	395.0 1	198.0 1	100.0 1	67.0 1	50.0 1	33.0 1
1974	0.9 13	0.4 13	0.2 13	0.1 13	0.0 13	0.0 13	0.0 13	0.0 13	0.0 13
1975	15.0 10	7.4 10	3.4 10	1.6 10	0.8 10	0.4 10	0.3 10	0.2 10	0.1 10

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
12.9	0.24	3.54	0.01	0.03	0.02	0.00	0.00	9.99	0.61	0.34	2.82
2446	0.27	156	0.00	0.01	0.00	0.00	0.00	1498	2.54	0.50	47.7
49.5	0.52	12.5	0.02	0.09	0.07	0.00	0.00	38.7	1.59	0.71	6.91
3.87	1.94	3.84	3.06	2.55	3.87	*****	3.87	3.87	3.43	2.24	3.39
3.83	2.14	3.52	2.86	2.68	3.87	*****	3.87	3.87	2.61	2.08	2.74
42.7	0.81	11.7	0.03	0.11	0.06	0.00	0.00	33.1	2.02	1.13	8.33

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
2.53	26.1	5.11	2.28	2.02	0.312

***** Skewness and coefficient of variation could not be computed owing to a zero-value month.

GILA RIVER BASIN

09512200 SALT RIVER TRIBUTARY IN SOUTH MOUNTAIN PARK, AT PHOENIX, AZ

LOCATION.--Lat 33°20'49", long 112°05'03", in NE¼NE¼ sec.18, T.1 S., R.3 E., Maricopa County, Hydrologic Unit 15060106, in South Mountain Park, on left bank 6.5 mi (10.5 km) south of Phoenix main post office.

DRAINAGE AREA.--1.75 mi² (4.53 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1961	370	07-22-61	8.96	1961	52
1962	0	-	-	1962	0
1963	0	-	-	1963	0
1964	530	10-19-63	9.52	1964	40
1965	670	09-04-65	9.70	1965	16
1966	194	08-18-66	6.45	1966	12
1967	12	09-03-67	2.42	1967	0
1968	81	07-30-68	4.18	1968	2
1969	0	-	-	1969	0
1970	77	09-05-70	4.10	1970	4
1971	0	-	-	1971	0
1972	2	08-12-72	-	1972	0
1973	147	11-11-72	5.5	1973	26
1974	114	03-20-74	4.83	1974	4
1975	3.5	10-29-74	1.86	1975	0

DISCHARGE, IN CUBIC FEET PER SECOND MEAN DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
NUMBER OF DAYS IN CLASS																																				
1961	363																																			
1962	365																																			
1963	365																																			
1964	359																																			
1965	363																																			
1966	360																																			
1967	364																																			
1968	364																																			
1969	365																																			
1970	362	1																																		
1971	365																																			
1972	364																																			
1973	360																																			
1974	363																																			
1975	363																																			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	5445	5478	100.0	12	0.4	0	16	0.3	24	4	1	5	
1	0.01	1	33	0.6	13	0.5	0	16	0.3	25	5	1	5	
2	0.02	0	32	0.6	14	0.6	0	16	0.3	26	6	2	4	
3	0.03	0	32	0.6	15	0.7	0	16	0.3	27	8	2	2	
4	0.04	0	32	0.6	16	0.9	1	16	0.3	28				
5	0.05	2	32	0.6	17	1.1	2	15	0.3	29				
6	0.06	0	30	0.5	18	1.3	1	13	0.2	30				
7	0.07	1	30	0.5	19	1.6	2	12	0.2	31				
8	0.09	0	29	0.5	20	1.9	2	10	0.2	32				
9	0.10	6	29	0.5	21	2.4	0	8	0.1	33				
10	0.20	6	23	0.4	22	2.9	2	8	0.1	34				
11	0.30	1	17	0.3	23	3.6	1	6	0.1					

GILA RIVER BASIN

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09512200 SALT RIVER TRIBUTARY IN SOUTH MOUNTAIN PARK, AT PHOENIX, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1961	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1
1962	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2
1963	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3
1964	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4
1965	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5
1966	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6
1967	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7
1968	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8
1969	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9
1970	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10
1971	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11
1972	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12
1973	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13
1974	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14
1975	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1961	25.0 1	8.3 1	3.6 1	1.7 1	0.9 1	0.4 1	0.3 1	0.2 1	0.1 1
1962	0.0 12	0.0 12	0.0 12	0.0 14	0.0 10	0.0 13	0.0 13	0.0 13	0.0 10
1963	0.0 13	0.0 13	0.0 13	0.0 15	0.0 11	0.0 14	0.0 14	0.0 14	0.0 11
1964	7.5 3	2.9 2	1.2 2	0.6 2	0.4 2	0.2 2	0.1 2	0.1 2	0.1 2
1965	8.0 2	2.7 3	1.1 3	0.5 4	0.3 4	0.1 4	0.1 4	0.1 4	0.0 4
1966	3.8 5	1.7 5	0.7 5	0.3 5	0.2 5	0.1 5	0.1 5	0.0 5	0.0 5
1967	0.1 10	0.0 10	0.0 10	0.0 10	0.0 12	0.0 15	0.0 15	0.0 15	0.0 12
1968	1.3 8	0.4 8	0.2 8	0.1 8	0.0 8	0.0 8	0.0 8	0.0 8	0.0 6
1969	0.0 14	0.0 14	0.0 14	0.0 11	0.0 13	0.0 9	0.0 9	0.0 9	0.0 13
1970	2.3 6	0.8 6	0.3 6	0.2 6	0.1 6	0.0 6	0.0 6	0.0 6	0.0 7
1971	0.0 15	0.0 15	0.0 15	0.0 12	0.0 14	0.0 10	0.0 10	0.0 10	0.0 14
1972	0.1 11	0.0 11	0.0 11	0.0 13	0.0 15	0.0 11	0.0 11	0.0 11	0.0 15
1973	6.4 4	2.1 4	0.9 4	0.6 3	0.4 3	0.2 3	0.1 3	0.1 3	0.1 3
1974	2.3 7	0.8 7	0.3 7	0.2 7	0.1 7	0.0 7	0.0 7	0.0 7	0.0 8
1975	0.1 9	0.1 9	0.0 9	0.0 9	0.0 9	0.0 12	0.0 12	0.0 12	0.0 9

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.04	0.02
0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.01	0.00
0.09	0.04	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.22	0.11	0.07
2.42	3.87	2.92	*****	3.87	3.87	*****	*****	3.53	3.86	3.11	3.43
2.61	3.87	2.80	*****	3.87	3.87	*****	*****	3.14	3.64	2.85	2.89
19.6	5.82	0.75	0.00	0.15	2.88	0.00	0.00	0.32	34.5	21.9	14.1

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.01	0.00	0.02	1.73	1.55	-0.088

***** Skewness and coefficient of variation could not be computed owing to a zero-value month.

GILA RIVER BASIN

09512400 CAVE CREEK AT PHOENIX, AZ

LOCATION.--Lat 33°34'56", long 112°06'43", in SW¼ sec.24, T.3 N., R.2 E., Maricopa County, Hydrologic Unit 15060106, on downstream side of bridge at Peoria Avenue in Phoenix, 0.7 mi (1.1 km) upstream from Arizona Canal.

DRAINAGE AREA.--252 mi² (653 km²).

REMARKS.--Records poor. Peak flow regulated from 161 mi² (417 km²) by Cave Creek Dam 12 mi (19 km) upstream. Flow probably affected by urbanization.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1958	573	09-13-58		2.76	1958	1580
1959	541	08-05-59		2.93	1959	421
1960	557	12-14-59		2.84	1960	8110
1961	9	07-22-61		1.50	1961	2
1962	81	12-16-61		1.87	1962	50
1963	103	08-06-63		2.05	1963	97
1964	356	08-27-64		2.51	1964	2680
1965	171	02-07-65		2.20	1965	807
1966	766	08-19-66		3.26	1966	4150
1967	138	09-07-67		2.58	1967	87
1968	4080	12-19-67		4.30	1968	7040
1969	0	-			1969	0
1970	1020	09-05-70		3.25	1970	2080
1971	548	08-21-71		2.86	1971	333
1972	773	07-17-72		3.07	1972	1170
1973	1990	10-06-72		3.72	1973	10200
1974	3460	08-05-74		9.3	1974	456
1975	100	10-28-74	ES	3.4	1975	34

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
	NUMBER OF DAYS IN CLASS																																	
1958	352	2				1																												
1959	359										1																							
1960	338			1								1																						
1961	363		1																															
1962	363						1																											
1963	362																1			1														
1964	345	2	1		3		1	1						1	1	1			1		1	1				1	1	2	2	2				
1965	350	2	2				1	2					1			3		1				1			1	1	2	2						
1966	342	1												1	1	1																		
1967	361	1							1						1	1	1				2	4	1	2		2	1	6	1					
1968	343		1		1					1			1	2			1					1						3	3	6	1		1	
1969	365																																	
1970	357									1					1		1					1						1	1	2				
1971	362					1																												
1972	362																								2									
1973	320	2	3	1					2	1	1	1				1			1		2	1	3	1	1	2	7	4	2	1	1		1	
1974	363			1																														
1975	361						2								1		1																	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	6368	6574	100.0	12	3.1	3	159	2.4	24	74	12	93	1.4
1	0.10	10	206	3.1	13	4.0	4	156	2.4	25	96	9	81	1.2
2	0.20	8	196	3.0	14	5.2	3	152	2.3	26	120	20	72	1.0
3	0.30	3	188	2.9	15	6.8	10	149	2.3	27	160	18	52	.7
4	0.40	4	185	2.8	16	8.9	4	139	2.1	28	210	22	34	.5
5	0.50	2	181	2.8	17	12.0	2	135	2.1	29	280	9	12	.1
6	0.60	4	179	2.7	18	15.0	6	133	2.0	30	360	1	3	
7	0.80	5	175	2.7	19	20.0	3	127	1.9	31	470	1	2	
8	1.10	3	170	2.6	20	26.0	8	124	1.9	32	610	1	1	
9	1.40	4	167	2.5	21	33.0	10	116	1.8	33				
10	1.80	2	163	2.5	22	43.0	6	106	1.6	34				
11	2.40	2	161	2.4	23	57.0	7	100	1.5					

ES Discharge estimated from another site.

GILA RIVER BASIN

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09512400 CAVE CREEK AT PHOENIX, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1958	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.10 18
1959	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 1
1960	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2
1961	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3
1962	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4
1963	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5
1964	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6
1965	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.46 20
1966	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 7
1967	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 8
1968	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.02 15
1969	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 9
1970	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.04 16
1971	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 10
1972	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 11
1973	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.17 19
1974	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 12
1975	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 13

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1958	271.0 5	156.0 8	67.0 8	31.0 8	17.0 8	8.5 8	5.8 8	4.4 8	2.9 8
1959	117.0 11	55.0 12	24.0 10	14.0 10	7.1 10	3.5 11	2.4 11	1.8 11	1.2 11
1960	344.0 3	304.0 3	232.0 3	109.0 3	74.0 3	52.0 3	43.0 1	33.0 1	22.0 2
1961	0.7 17	0.3 17	0.1 17	0.1 17	0.0 17	0.0 17	0.0 17	0.0 17	0.0 17
1962	15.0 15	8.3 15	3.6 15	1.7 15	0.8 15	0.4 15	0.3 15	0.2 15	0.1 15
1963	27.0 14	16.0 13	6.9 13	3.2 13	1.6 13	0.8 13	0.5 13	0.4 13	0.3 13
1964	217.0 8	206.0 5	128.0 6	69.0 5	42.0 5	21.0 5	14.0 5	10.0 5	6.8 5
1965	159.0 10	56.0 10	24.0 11	11.0 11	5.6 11	5.1 9	4.3 9	3.2 9	2.2 9
1966	217.0 9	204.0 6	136.0 5	98.0 4	64.0 4	32.0 4	21.0 4	16.0 4	10.0 4
1967	33.0 13	11.0 14	4.7 14	2.2 14	1.4 14	0.7 14	0.5 14	0.4 14	0.2 14
1968	609.0 2	402.0 2	304.0 1	214.0 1	111.0 1	56.0 1	37.0 3	28.0 3	18.0 3
1969	0.0 18	0.0 18	0.0 18	0.0 18	0.0 18	0.0 18	0.0 18	0.0 18	0.0 18
1970	337.0 4	285.0 4	144.0 4	67.0 6	34.0 6	17.0 6	11.0 6	8.5 6	5.5 6
1971	85.0 12	56.0 11	24.0 12	11.0 12	5.6 12	2.8 12	1.9 12	1.4 12	0.9 12
1972	258.0 6	184.0 7	79.0 7	37.0 7	20.0 7	9.9 7	6.6 7	4.9 7	3.2 7
1973	755.0 1	406.0 1	237.0 2	145.0 2	102.0 2	54.0 2	41.0 2	31.0 2	28.0 1
1974	230.0 7	77.0 9	33.0 9	15.0 9	7.7 9	3.8 10	2.6 10	1.9 10	1.3 10
1975	10.0 16	5.0 16	2.1 16	1.0 16	0.5 16	0.3 16	0.2 16	0.1 16	0.1 16

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
7.18	2.02	14.1	0.62	2.02	1.35	0.15	0.05	0.11	1.14	4.17	2.95
551	46.2	996	2.60	39.9	29.8	0.43	0.05	0.11	17.5	86.1	72.1
23.5	6.80	11.6	1.61	6.32	5.46	0.65	0.22	0.34	4.19	9.28	8.49
3.90	3.97	2.24	2.60	3.85	4.23	4.24	4.24	3.35	4.14	3.73	3.30
3.27	3.36	2.24	2.59	3.12	4.04	4.24	4.24	3.01	3.67	2.23	2.88
20.0	5.64	39.3	1.73	5.63	3.77	0.43	0.14	0.31	3.18	11.6	8.21

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
3.01	18.8	4.33	1.65	1.44	-0.355

09512500 AGUA FRIA RIVER NEAR MAYER, AZ

LOCATION.--Lat 34°18'55", long 112°03'48", in NW¼SE¼ sec.20, T.11 N., R.3 E., Yavapai County, Hydrologic Unit 15070102, on left bank at Sycamore damsite, 700 ft (210 m) downstream from Big Bug Creek and 12 mi (19 km) southeast of Mayer.

DRAINAGE AREA.--588 mi² (1,523 km²).

REMARKS.--Records fair. Diversions above station for mining and irrigation of about 600 acres (2.4 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1940	5920	06-26-40	8.80	1941	53000
1941	13000	03-01-41	11.97	1942	7080
1942	6240	08-06-42	9.0	1943	5680
1943	3500	09-25-43	6.70	1944	11400
1944	3810	09-16-44	7.3	1945	8560
1945	2620	07-27-45	6.26	1946	4860
1946	4930	07-22-46	8.2	1947	3090
1947	1610	08-16-47	5.57	1948	3620
1948	6830	08-04-48	9.30	1949	8090
1949	2460	01-13-49	6.37	1950	3660
1950	2170	07-17-50	6.10	1951	16800
1951	8180	08-28-51	9.70	1952	17900
1952	7500	01-18-52	8.85	1953	3730
1953	5510	07-08-53	7.23	1954	6110
1954	4570	09-03-54	7.22	1955	14700
1955	12800	08-03-55	12.00	1956	3130
1956	6880	07-25-56	9.15	1957	4410
1957	2710	08-13-57	6.37	1958	10000
1958	4620	06-21-58	7.72	1959	10300
1959	9700	08-04-59	10.78	1960	9370
1960	4820	08-08-60	7.85	1961	7470
1961	10200	07-22-61	11.05	1962	1050
1962	2470	09-13-62	6.68	1963	14300
1963	12800	08-19-63	11.90	1964	11400
1964	9000	07-24-64	10.30	1965	22500
1965	7470	04-04-65	9.50	1966	33800
1966	12100	12-10-65	11.65	1967	8980
1967	6960	08-19-67	9.2	1968	28700
1968	3850	12-19-67	7.20	1969	5190
1969	2490	08-07-69	6.20	1970	16300
1970	19800	09-05-70	14.90	1971	7210
1971	7280	09-25-71	9.05	1972	5300
1972	6800	08-12-72	8.75	1973	49100
1973	10700	10-07-72	10.86	1974	2080
1974	740	07-20-74	4.49	1975	2390
1975	2190	07-27-75	5.60		

09512500 AGUA FRIA RIVER NEAR MAYER, AZ--CONTINUED

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1941					1	4	1	10	14		48	22	16	31	25	11	21	8	13	20	19	11	7	15	9	5	5	4	3	1	1	2	2		
1942			14	4	8	7	25	37		31	31	21	19	76	42	26	7	7	1	1	2	2	1	2		1									
1943		14	17	16	12	25	15	56		60	61	41	18	5	4	3	1	4	4	1	3	2		1				1	1						
1944			6	8		67	7	39		41	38	44	48	13	12	6	1	6	3	2	2	10	3	6	2	1		1							
1945		7	40	8		23	25	24	50	26	29	29	19	18	15	11	4	5	5	8	7	5	3	2		2									
1946		69	20	11		22	35	18	33	19	44	53	9	2	3	2	7	4	1	3	2	3	3	2											
1947		39	30	17	16	35	9	8	18	65	51	36	11	4	4	4	2	10	2		1	2		1											
1948		49	50	3	8	48	18	47	31	51	36	9	5	1	1	2			2																
1949		49	30		19	53	20	55	21	21	9	8	22	11	5	5	4	5	5	5	6	6	4			1					1				
1950		162	11	8	8	22	54	30	20	11	13	2	2	2	1	4	1	3	1	1	4	2			1	1	1								
1951	147	136	1	6	12	11	14	2	1	7	4	1	4	1	1	1	4	2	1	1		1	1	1	1			2				1		1	
1952			1	1	23	71	36	23	20	44	28	32	19	10	8	7	10	1	5	5	3	6	6	2	2	1	1								
1953			21	5	20	64	37	60	36	33	50	15	3	3	2	3	1	1	2	2	2	1	1	2	1										
1954		3	30	14	31	109	18	30	28	34	26	3	4	5	4	4	2	2	2	4	2	2	2	7	1										
1955		71	26	6	17	69	41	19	46	26	4	1	4	1			2	3	1	5	5	2	3	2	3	2	3	2	4	2					
1956			39	9	42	112	23	34	30	41	14	1	1	5	1	2	1	5	2		5	2	1	2											
1957		17	77	51	30	32	3	10	43	16	25	7	13	4	6	7	6	5	2		5	2	3												
1958			7	11	32	61	31	50	38	32	17	11	20	10	5	9	3	2	4	4	4	1	5	6			1	3	2						
1959				22	45	36	28	50	94	15	14	13	13	3	2	4	2	2	4	4	4	2	1	3	1	2	1	2	2						
1960		35	16	21	6	17	16	15	28	12	110	29	25	4	10	2	3	4		3	1	1	1	1	1	2	1	2				1			
1961		10	48	100	25	38	19	36	48	7	4		7	1	1	2		1	2	5		1	6	1	1			1							
1962			27	36	33	83	51	40	29	28	22	9	1	1		2		1	1	1															
1963		110	162	15	8	5	16	3	5	4	3	7	1	3			2	1	3	2	1	5		1	4			1	1	2	1				
1964		14	108	2		23	30	39	47	28	17	17	1		1	3	3	6	4	1	3	2	3	6	3	3	2								
1965	37	3	2	4	7	48	94	26	6	4	16	26	21	15	9	4	2	5	3	3	1	4	9	7	3	3					1		1	1	
1966		18	11	2	3	8	31	52	29	24	29	27	22	11	24	32	7	6	7	2	7		2	2	1			1	2	1	1	1			2
1967			16	77	38		14	11	37	22	64	41	12	1	3	1	4	1	1	6	2	3	3	4	2			1	1						
1968					1	13	27	63	48	40	34	21	10	12	17	9	8	14	4	3	7	6	9	9	5	4			1	1					
1969					2	22	54	64	37	41	52	23	18		8	6	6	2	4	3	1	1					1								
1970			3	11	14	42	18	30	30	39	87	53	10	6		5	1	1	4	1	1	1	4		1	1	1								1
1971					3	25	36	40	75	59	81	15	3	1	1	6		3		4	3	2	3	2	2				1						
1972		1	9	43	80	36	16	38	84	26	12	5		1	1		1	3	1			1	2	3	1	2									
1973				3		26	33	36	9	6	19	20	29	34	31	9	13	14	15		9	10	21	9	3	4	3	4	3		1		1		
1974					3	50	142	24	20	16	36	23	33	6	5	2		2	1				1												
1975			12	18	36	51	50	17	25	38	74	25	4	2	3	3	1	1	1			1	2		1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	184	12783	100.0	12	4.8	490	2380	18.6	24	230	52	177	1.3
1	0.10	735	12599	98.6	13	6.7	317	1890	14.8	25	320	41	125	.9
2	0.20	870	11864	92.8	14	9.2	257	1573	12.3	26	450	35	84	.6
3	0.30	515	10994	86.0	15	13.0	241	1316	10.3	27	620	18	49	.3
4	0.40	513	10479	82.0	16	18.0	110	1075	8.4	28	850	11	31	.2
5	0.50	1281	9966	78.0	17	24.0	147	965	7.5	29	1200	5	20	.1
6	0.70	1110	8685	67.9	18	34.0	118	818	6.4	30	1600	6	15	.1
7	1.00	1117	7575	59.3	19	46.0	124	700	5.5	31	2200	4	9	
8	1.30	1063	6458	50.5	20	64.0	96	576	4.5	32	3100	4	5	
9	1.80	1077	5395	42.2	21	89.0	95	480	3.8	33	4300	1	1	
10	2.50	1211	4318	33.8	22	120.0	119	385	3.0	34				
11	3.50	727	3107	24.3	23	170.0	89	266	2.1					

GILA RIVER BASIN

09512500 AGUA FRIA RIVER NEAR MAYER, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1941	0.40 34	0.47 34	0.50 32	0.51 30	1.10 36	1.70 36	11.00 36	10.00 36	63.00 36
1942	0.20 22	0.20 21	0.20 24	0.22 21	0.43 27	0.73 29	1.40 32	2.00 28	4.80 24
1943	0.10 4	0.10 4	0.10 4	0.15 14	0.24 16	0.45 20	0.84 24	1.19 19	2.80 20
1944	0.20 23	0.20 22	0.27 27	0.37 28	0.46 28	0.54 23	0.94 25	1.70 24	5.90 26
1945	0.10 5	0.10 5	0.10 5	0.20 18	0.20 15	0.67 27	1.10 27	3.30 31	8.00 30
1946	0.10 6	0.10 6	0.10 6	0.10 3	0.10 3	0.13 4	0.18 4	0.44 7	1.50 13
1947	0.10 7	0.10 7	0.10 7	0.10 4	0.14 6	0.27 9	0.44 13	0.76 12	1.30 9
1948	0.10 8	0.10 8	0.10 8	0.10 5	0.16 9	0.28 10	0.38 11	0.58 10	1.30 10
1949	0.10 9	0.10 9	0.10 9	0.10 6	0.18 11	0.35 15	0.70 19	1.00 18	2.20 18
1950	0.10 10	0.10 10	0.10 10	0.10 7	0.10 4	0.10 3	0.10 3	0.10 2	0.95 6
1951	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.01 1	0.01 1	0.03 1
1952	0.30 29	0.40 33	0.51 33	0.59 33	0.65 31	0.68 28	0.83 23	2.30 30	9.10 32
1953	0.20 24	0.20 23	0.20 25	0.20 19	0.32 22	0.60 25	0.72 20	0.86 15	1.30 11
1954	0.10 11	0.10 11	0.16 16	0.18 15	0.19 12	0.28 11	0.64 17	0.91 17	8.40 31
1955	0.20 25	0.20 24	0.20 17	0.20 16	0.20 13	0.23 8	0.23 5	0.77 13	1.10 7
1956	0.20 26	0.20 25	0.20 18	0.20 17	0.26 18	0.44 19	0.43 12	0.46 8	0.68 4
1957	0.10 12	0.10 12	0.10 11	0.12 11	0.20 14	0.29 12	0.33 9	1.30 20	4.90 25
1958	0.20 27	0.20 26	0.20 19	0.25 25	0.39 26	0.94 32	1.30 31	4.00 35	9.60 33
1959	0.30 30	0.30 29	0.30 28	0.30 27	0.34 23	0.41 17	0.60 16	0.87 16	1.70 14
1960	0.10 13	0.10 13	0.10 12	0.11 10	0.14 7	0.93 31	1.50 33	1.70 25	2.40 19
1961	0.10 14	0.10 14	0.10 13	0.13 12	0.17 10	0.20 6	0.23 6	0.25 4	0.31 3
1962	0.20 28	0.20 27	0.20 20	0.24 23	0.30 20	0.41 18	0.52 14	0.56 9	0.93 5
1963	0.10 15	0.10 15	0.10 14	0.10 8	0.10 5	0.10 2	0.10 2	0.12 3	0.14 2
1964	0.10 16	0.10 16	0.10 15	0.10 9	0.15 8	0.20 7	0.27 7	1.60 23	3.80 22
1965	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.15 5	0.73 21	3.50 32	20.00 34
1966	0.10 3	0.10 3	0.10 3	0.14 13	0.31 21	0.57 24	1.10 28	1.80 26	3.40 21
1967	0.20 17	0.20 17	0.20 21	0.21 20	0.26 19	0.31 14	0.32 8	0.32 5	1.19 8
1968	0.60 35	0.67 36	0.81 36	0.92 36	1.00 35	1.30 34	2.70 34	3.80 33	6.60 28
1969	0.60 36	0.63 35	0.67 34	0.73 34	0.87 34	0.96 33	1.10 29	2.10 29	4.00 23
1970	0.20 18	0.20 18	0.26 26	0.28 26	0.35 25	0.47 21	0.81 22	1.40 22	7.10 29
1971	0.40 31	0.40 30	0.49 30	0.56 31	0.69 32	0.80 30	1.10 30	1.30 21	1.80 16
1972	0.20 19	0.30 28	0.30 29	0.40 29	0.50 29	0.54 22	0.60 15	0.78 14	1.40 12
1973	0.40 32	0.40 31	0.74 35	0.75 35	0.86 33	1.40 35	4.00 35	3.90 34	25.00 35
1974	0.40 33	0.40 32	0.50 31	0.56 32	0.64 30	0.64 26	0.66 18	0.69 11	1.70 15
1975	0.20 20	0.20 19	0.20 22	0.24 24	0.34 24	0.40 16	1.00 26	1.80 27	2.00 17

GILA RIVER BASIN

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09512500 AGUA FRIA RIVER NEAR MAYER, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1941	2460.0 5	1840.0 3	1070.0 1	563.0 2	314.0 2	302.0 1	218.0 1	191.0 1	135.0 1
1942	389.0 27	219.0 23	105.0 25	62.0 25	32.0 28	17.0 31	16.0 26	15.0 24	13.0 23
1943	636.0 17	378.0 15	164.0 21	77.0 23	41.0 25	34.0 22	24.0 22	18.0 22	12.0 24
1944	516.0 20	280.0 20	250.0 12	168.0 13	127.0 11	67.0 13	46.0 13	36.0 13	25.0 13
1945	418.0 24	205.0 24	135.0 23	98.0 18	69.0 17	41.0 19	29.0 19	24.0 19	19.0 15
1946	214.0 31	118.0 31	83.0 28	53.0 28	43.0 24	30.0 23	21.0 23	16.0 23	10.0 26
1947	198.0 33	90.0 32	56.0 32	43.0 31	28.0 31	16.0 32	11.0 32	8.0 32	5.7 32
1948	416.0 26	348.0 17	165.0 20	91.0 21	46.0 22	23.0 26	16.0 27	12.0 27	8.5 27
1949	932.0 12	384.0 14	176.0 18	114.0 16	62.0 18	56.0 14	39.0 14	29.0 15	19.0 16
1950	354.0 28	151.0 29	65.0 30	57.0 26	32.0 26	19.0 30	13.0 31	9.8 31	7.1 30
1951	4080.0 3	2160.0 1	949.0 2	489.0 3	268.0 5	141.0 6	94.0 6	71.0 6	46.0 6
1952	2200.0 7	850.0 7	373.0 9	177.0 11	110.0 13	79.0 11	65.0 10	51.0 10	39.0 7
1953	275.0 30	141.0 30	64.0 31	38.0 32	29.0 29	23.0 27	15.0 28	12.0 28	8.0 29
1954	291.0 29	239.0 22	180.0 16	92.0 20	47.0 21	25.0 24	17.0 25	13.0 26	15.0 21
1955	700.0 15	419.0 11	307.0 10	196.0 9	174.0 9	107.0 9	79.0 8	60.0 7	39.0 8
1956	453.0 22	160.0 28	92.0 26	50.0 29	29.0 30	20.0 28	14.0 29	10.0 29	7.0 31
1957	457.0 21	185.0 26	87.0 27	54.0 27	32.0 27	19.0 29	13.0 30	10.0 30	8.3 28
1958	600.0 18	245.0 21	106.0 24	65.0 24	43.0 23	41.0 20	27.0 20	23.0 20	18.0 17
1959	746.0 14	401.0 12	222.0 14	190.0 10	141.0 10	79.0 10	53.0 11	40.0 11	27.0 12
1960	1270.0 9	585.0 10	262.0 11	127.0 15	105.0 14	56.0 15	39.0 15	30.0 14	20.0 14
1961	1080.0 11	362.0 16	199.0 15	94.0 19	53.0 20	49.0 18	36.0 16	28.0 16	18.0 18
1962	61.0 35	34.0 35	15.0 35	9.2 35	4.8 35	2.9 35	2.4 35	2.1 35	1.7 35
1963	1460.0 8	835.0 8	465.0 7	339.0 7	202.0 8	117.0 7	80.0 7	60.0 8	39.0 9
1964	540.0 19	389.0 13	236.0 13	169.0 12	125.0 12	74.0 12	50.0 12	38.0 12	28.0 11
1965	2270.0 6	931.0 6	748.0 5	435.0 5	238.0 6	146.0 5	107.0 5	88.0 5	58.0 5
1966	4290.0 2	1720.0 4	784.0 4	732.0 1	482.0 1	261.0 2	178.0 2	136.0 2	90.0 3
1967	650.0 16	327.0 19	151.0 22	103.0 17	94.0 16	50.0 17	34.0 17	25.0 18	17.0 20
1968	1230.0 10	655.0 9	422.0 8	296.0 8	281.0 4	179.0 4	144.0 4	110.0 4	73.0 4
1969	417.0 25	173.0 27	82.0 29	43.0 30	26.0 32	24.0 25	18.0 24	14.0 25	11.0 25
1970	5240.0 1	1850.0 2	795.0 3	373.0 6	216.0 7	111.0 8	74.0 9	56.0 9	37.0 10
1971	755.0 13	346.0 18	177.0 17	132.0 14	97.0 15	51.0 16	34.0 18	26.0 17	18.0 19
1972	419.0 23	200.0 25	169.0 19	89.0 22	59.0 19	37.0 21	25.0 21	19.0 21	13.0 22
1973	3150.0 4	1320.0 5	591.0 6	443.0 4	291.0 3	222.0 3	163.0 3	130.0 3	117.0 2
1974	140.0 34	82.0 33	39.0 33	21.0 34	13.0 34	7.3 34	5.1 34	4.0 34	3.1 34
1975	203.0 32	75.0 34	33.0 34	25.0 33	16.0 33	8.8 33	7.1 33	5.5 33	4.5 33

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
10.2	3.63	26.2	14.5	18.9	28.4	20.3	2.04	2.84	13.4	41.0	16.2
14.8	40.0	6279	583	1658	3554	4358	18.3	38.3	190	3042	1039
37.7	6.32	79.2	24.1	40.7	59.6	66.0	4.28	6.19	13.8	55.2	32.2
5.64	3.44	4.92	2.33	3.70	3.23	3.77	3.93	3.92	1.28	2.34	4.51
3.70	1.74	3.02	1.66	2.16	2.10	3.25	2.10	2.18	1.03	1.35	1.99
5.15	1.84	13.3	7.34	9.54	14.4	10.3	1.03	1.44	6.77	20.7	8.20

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
16.6	285	16.9	2.18	1.02	-0.098

09512800 AGUA FRIA RIVER NEAR ROCK SPRINGS, AZ

LOCATION.--Lat 34°00'56", long 112°10'02", in NW 1/4 sec.28, T.8 N., R.2 E., Yavapai County, Hydrologic Unit 15070102, on right bank 2.5 mi (4.0 km) southwest of Rock Springs and 10 mi (16 km) upstream from Lake Pleasant. Prior to Oct. 1, 1974, at site 600 ft (180 m) upstream.

DRAINAGE AREA.--1,130 mi² (2,930 km²), approximately.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1970	40100	09-05-70	20.62	1971	9810
1971	3750	08-25-71	5.5	1972	4750
1972	2620	08-13-72	4.72	1973	145000
1973	17600	10-07-72	10.72	1975	1870
1974	1900	08-02-74	2.46		
1975	2490	07-08-75	10.89		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1971	115			5	11	11	10	14	40	74	45	9	2	1	4	2		2	4	1	3	2	2	2	2	3		1							
1972	155	2		12	5	26	18	46	40	32	4	1	1	2	4	1	3	3	3	1	1	1	1	1	2		1								
1973				3	26				9	13	30	7	18	5	23	17	26	32	14	23	11	12	15	16	10	23	14	5	3	5	3	1		1	
1975				61	37	48	103		38	40	19	2	1	2	1	2	2	3	2		2	1	1												

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	270	1461	100.0	12	3.7	22	350	24.0	24	280	14	74	5.0
1	0.04	2	1191	81.5	13	5.3	10	328	22.5	25	400	26	60	4.1
2	0.07	0	1189	81.4	14	7.6	32	318	21.8	26	570	15	34	2.3
3	0.10	17	1189	81.4	15	11.0	22	286	19.6	27	810	6	19	1.3
4	0.20	80	1172	80.2	16	16.0	31	264	18.1	28	1200	3	13	.8
5	0.30	74	1092	74.7	17	22.0	40	233	15.9	29	1700	5	10	.6
6	0.40	102	1018	69.7	18	32.0	23	193	13.2	30	2400	3	5	.3
7	0.60	163	916	62.7	19	46.0	25	170	11.6	31	3400	1	2	.1
8	0.90	127	753	51.5	20	66.0	17	145	9.9	32	4900		1	
9	1.30	159	626	42.8	21	94.0	16	128	8.8	33	7000	1	1	
10	1.80	98	467	32.0	22	130.0	19	112	7.7	34				
11	2.60	19	369	25.3	23	190.0	19	93	6.4					

GILA RIVER BASIN

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09512800 AGUA FRIA RIVER NEAR ROCK SPRINGS, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1971	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.01 1	0.05 1	0.45 1
1972	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.03 2	0.24 3	0.52 2
1973	0.20 4	0.20 4	0.50 5	0.50 5	0.58 5	3.60 5	4.90 5	5.70 5	67.00 5
1975	0.20 5	0.20 5	0.20 4	0.20 4	0.26 4	0.38 4	0.88 4	0.94 4	1.50 3

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1971	860.0 2	379.0 2	330.0 2	224.0 2	154.0 2	77.0 2	51.0 2	39.0 2	25.0 2
1972	637.0 3	234.0 3	169.0 3	84.0 3	63.0 3	37.0 3	25.0 3	19.0 3	12.0 3
1973	7000.0 1	3070.0 1	2170.0 1	1390.0 1	1120.0 1	815.0 1	595.0 1	467.0 1	355.0 1
1975	139.0 4	47.0 4	37.0 4	19.0 4	14.0 4	7.1 4	6.9 4	5.4 4	3.9 4

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

	OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)												
95.8	12.1	29.8	12.8	86.4	217	69.4	9.31	2.19	6.74	47.7	74.1	
36010	389	3191	549	36330	190600	22560	398	15.3	23.9	3693	25610	
190	19.7	56.5	23.4	191	437	150	20.0	3.02	4.89	60.4	160	
2.00	1.96	2.00	2.00	2.24	2.19	2.23	2.23	2.09	0.01	1.64	2.23	
1.98	1.63	1.90	1.83	2.21	2.01	2.17	2.14	1.78	0.73	1.27	2.16	
14.4	1.82	4.49	1.92	13.0	32.7	10.5	1.40	0.33	1.02	7.19	11.2	

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
55.8	9317	96.5	1.99	1.73	-0.542

GILA RIVER BASIN

09513780 NEW RIVER NEAR ROCK SPRINGS, AZ

LOCATION.--Lat 33°58'27", long 112°05'54", in SW¼ sec.6, T.7 N., R.3 E., Maricopa County, Hydrologic Unit 15070102, on right bank 180 ft (55 m) upstream from road crossing and 6 mi (10 km) southeast of Rock Springs.

DRAINAGE AREA.--67.3 mi² (174 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1962	1050	09-28-62	3.10	1966	13800
1963	765	08-18-63	2.60	1967	458
1964	4900	08-02-64	6.30	1968	13200
1965	1510	04-04-65	3.73	1969	2230
1966	4020	12-22-65	5.80	1970	6940
1967	245	09-06-67	1.40	1971	944
1968	10600	12-19-67	10.70	1972	16
1969	1530	09-05-69	7.75	1973	16900
1970	18600	09-05-70	13.50	1974	161
1971	6320	08-03-71	8.30	1975	1210
1972	231	08-12-72	2.34		
1973	1550	12-28-72	4.77		
1974	68	08-05-74	1.62		
1975	1570	11-01-74	4.36		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1966	240			5		3		9	6	10	11	10	8	6	8	5	7	6	3	4	6	5	3	4	1		2	2		1						
1967	239	24	24	11	1	2	2	33	17	2	2	2	2	1	1	1			1																	
1968	220	2	3	3	6	11	11		7	16	9	10	11	8	10	17	4	3	5	1	3	1	3				1						1			
1969	250	10	5	2	1	4	11		8	10	11	13	13	5	4	4	4	3		5		1		1												
1970	281	4	1	14	6	20	6	2	1	4	3	6	3	4	1	1	1		3		1	1			1								1			
1971	354	1	1					1								2	2	1					1			1										
1972	364									1		1																								
1973	105	4	9	7	7	10	12	2	11	15	16	22	21	11	25	15	12	17	10	5	6	2	9	3	2	5	1	1								
1974	260	18	11	35	9	21	3		2	2			2	1		1																				
1975	148	38	44	5	29	31	25	18	10	5	5	1		2			1			1		1			1											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2700	4018	100.0	12	5.6	64	387	9.6	24	230	6	23	.5
1	0.10	130	1318	32.8	13	7.6	40	323	8.0	25	310	5	17	.4
2	0.20	107	1188	29.6	14	10.0	52	283	7.0	26	430	4	12	.2
3	0.30	83	1081	26.9	15	14.0	48	231	5.7	27	580	5	8	.1
4	0.50	68	998	24.8	16	19.0	35	183	4.6	28	800		3	
5	0.60	107	930	23.1	17	26.0	31	148	3.7	29	1100	1	3	
6	0.90	78	823	20.5	18	36.0	23	117	2.9	30	1500		2	
7	1.20	76	745	18.5	19	49.0	18	94	2.3	31	2000	1	2	
8	1.60	75	669	16.7	20	67.0	16	76	1.9	32	2800	1	1	
9	2.20	76	594	14.8	21	91.0	12	60	1.5	33				
10	3.00	63	518	12.9	22	120.0	17	48	1.2	34				
11	4.10	68	455	11.3	23	170.0	8	31	0.8					

GILA RIVER BASIN

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09513780 NEW RIVER NEAR ROCK SPRINGS, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1966	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.39 6
1967	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.02 9	0.02 8	0.05 3
1968	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.09 10	1.00 8
1969	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3	0.01 6	1.19 10
1970	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.00 2	0.84 7
1971	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.00 3	0.00 1
1972	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	0.00 4	0.00 2
1973	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.02 10	0.22 11	3.00 11
1974	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 7	0.01 7	0.10 4
1975	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.06 11	0.05 9	0.30 5

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NEW RIVER NR ROCK SPRINGS, ARIZ.

YEAR	1	3	7	15	30	60	90	120	183
1966	1190.0 3	619.0 3	376.0 3	282.0 2	189.0 1	97.0 2	72.0 1	55.0 2	37.0 2
1967	57.0 8	27.0 8	12.0 8	6.7 8	4.1 8	3.1 8	2.1 8	1.6 8	1.1 8
1968	4120.0 1	1640.0 1	735.0 1	354.0 1	185.0 2	100.0 1	71.0 2	54.0 3	36.0 3
1969	178.0 7	62.0 7	35.0 7	20.0 7	17.0 5	15.0 5	10.0 5	7.9 5	5.2 5
1970	2750.0 2	1020.0 2	442.0 2	207.0 3	104.0 3	52.0 4	35.0 4	26.0 4	17.0 4
1971	273.0 5	123.0 6	53.0 6	26.0 6	16.0 6	7.9 7	5.3 7	4.0 7	2.6 7
1972	5.4 10	1.8 10	0.8 10	0.4 10	0.3 10	0.1 10	0.1 10	0.1 10	0.0 10
1973	628.0 4	290.0 4	210.0 4	154.0 4	102.0 4	90.0 3	63.0 3	56.0 1	45.0 1
1974	14.0 9	7.3 9	3.4 9	1.8 9	1.2 9	0.8 9	0.7 9	0.6 9	0.4 9
1975	260.0 6	128.0 5	65.0 5	31.0 5	16.0 7	8.5 6	5.9 6	4.5 6	3.3 6

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
3.39	3.52	38.3	5.21	14.1	11.9	1.96	0.26	0.08	0.04	2.14	11.9
101	44.3	5058	41.3	720	733	21.2	0.51	0.07	0.00	24.2	1050
10.0	6.66	71.1	6.43	26.8	27.1	4.60	0.71	0.27	0.06	4.92	32.4
3.14	1.77	1.69	0.93	2.59	3.02	3.09	3.11	3.16	1.49	2.62	3.11
2.96	1.89	1.86	1.23	1.90	2.28	2.35	2.76	3.16	1.50	2.29	2.72
3.65	3.80	41.2	5.62	15.2	12.8	2.11	0.28	0.09	0.04	2.31	12.9

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
7.71	83.5	9.14	0.85	1.18	-0.546

09513800 NEW RIVER AT NEW RIVER, AZ

LOCATION.--Lat 33°54'41", long 112°08'26", in NW 1/4 sec.34, T.7 N., R.2 E., Maricopa County, Hydrologic Unit 15070102, near center of downstream side of bridge on east frontage road of Interstate Highway 17, 0.5 mi (0.8 km) southwest of village of New River and 10 mi (16 km) south of Rock Springs.

DRAINAGE AREA.--83.3 mi² (215.7 km²).

WATER YEAR	ANNUAL PEAK DISCH, CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK, FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1961	325	07-22-61	3.50	1961	355
1962	1430	09-28-62	5.57	1962	2100
1963	4620	08-16-63	7.33	1963	1200
1964	4380	08-02-64	7.18	1964	2460
1965	1990	04-04-65	5.50	1965	8340
1966	4180	12-22-65	7.50	1966	13900
1967	1420	08-10-67	5.40	1967	250
1968	12600	12-19-67	9.12	1968	12900
1969	1310	09-05-69	4.57	1969	1590
1970	19500	09-05-70	9.98	1970	7530
1971	5090	08-21-71	6.75	1971	1570
1972	525	08-12-72	4.15	1972	101
1973	4250	02-11-73	6.10	1973	19900
1974	49	08-05-74	3.09	1974	6
1975	2280	11-02-74	5.39	1975	1130

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1961	362																	1	1		1														
1962	247	25	13	4	24		4	4	5	5	2	5	6	3	3	3	3	1	1	4		2		1											
1963	332	5	5	4	1		1	1	1	1		2	1	4			1	1	1	1	2	1	1												
1964	223105	7	2	5			6	1	4			2			1	1		2	2								2								
1965	142	72	19	19	7	8	7	6	5	6	7	8	6	8	3	6	7	6	7	1	6	2	2	2	1			1		1					
1966	121	32	47	22	19	4	1	1	7	6	8	20	14	9	6	4	7	6	5	7	3	3	4	3	1	1	1	2	1						
1967	256	24	58	5	7	2	4	1	2			2				2			1																
1968	186	23	6	8	23	8	2	4	8	7	13	16	13	7	10	16	2	2	2	1	4	2	1					1						1	
1969	209	33	37	18	1	3	4	6	7	5	3	10	5	5	4	5	3	3	3				1												
1970	292	8	14	6	12	2	2	3	2	2	2	4	1	1	1	3	2	1	3	1	1			1											1
1971	312	33	6	3			1					2		3						3				1			1								
1972	357	3	1	1	1				1					1				1																	
1973	129	11	6	3	10	3	4	19	10	9	14	20	24	7	11	8	13	15	9	9	4	7	3	5	4	6	1		1						
1974	362		1				1		1																										
1975	356	1			1						1				2	1					1	1			1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	3886	3478	100.0	12	5.8	71	443	8.1	24	250	8	29	.5
1	0.10	375	1592	29.1	13	7.9	48	372	6.8	25	340	10	21	.3
2	0.20	220	1217	22.2	14	11.0	42	324	5.9	26	460	3	11	.2
3	0.30	95	997	18.2	15	15.0	48	282	5.1	27	630	3	8	.1
4	0.50	111	902	16.5	16	20.0	39	234	4.3	28	860	3	5	
5	0.70	30	791	14.4	17	28.0	39	195	3.6	29	1200		2	
6	0.90	37	761	13.9	18	38.0	34	156	2.8	30	1600		2	
7	1.20	46	724	13.2	19	52.0	27	122	2.2	31	2200		2	
8	1.70	53	678	12.4	20	71.0	22	95	1.7	32	3000	2	2	
9	2.30	41	625	11.4	21	97.0	20	73	1.3	33				
10	3.10	52	584	10.7	22	130.0	12	53	1.0	34				
11	4.20	89	532	9.7	23	180.0	12	41	0.7					

GILA RIVER BASIN

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09513800 NEW RIVER AT NEW RIVER, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1961	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1
1962	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.01 12	0.06 12	0.28 9
1963	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	0.00 2	0.26 8
1964	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.01 13	0.03 10	0.93 12
1965	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.46 16	0.71 16	10.00 16
1966	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.06 14	0.14 14	0.40 10
1967	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 3	0.03 11	0.07 6
1968	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.06 15	0.18 15	1.40 13
1969	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 4	0.08 13	1.50 14
1970	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 5	0.00 3	0.86 11
1971	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 6	0.00 4	0.02 5
1972	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 7	0.00 5	0.00 2
1973	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 8	0.01 9	2.90 15
1974	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 9	0.00 6	0.00 3
1975	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 10	0.00 7	0.00 4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1961	96.0 12	32.0 12	18.0 12	8.6 12	4.3 12	3.0 12	2.0 12	1.5 12	1.0 12
1962	193.0 9	88.0 10	56.0 9	29.0 9	15.0 9	11.0 7	8.2 7	8.2 6	5.4 6
1963	160.0 11	93.0 9	43.0 10	25.0 10	13.0 10	6.6 11	4.4 11	3.3 11	2.2 11
1964	406.0 6	192.0 6	83.0 6	42.0 6	21.0 7	11.0 8	7.2 8	5.4 8	4.5 7
1965	923.0 5	412.0 4	236.0 5	139.0 5	75.0 5	43.0 5	34.0 5	33.0 4	22.0 4
1966	1180.0 3	597.0 3	368.0 3	282.0 2	187.0 1	97.0 3	73.0 2	55.0 2	37.0 2
1967	44.0 13	16.0 13	7.0 13	3.3 13	1.7 13	0.9 13	0.7 13	0.6 13	0.4 13
1968	4150.0 1	1660.0 1	747.0 1	357.0 1	184.0 2	99.0 2	69.0 3	52.0 3	34.0 3
1969	165.0 10	57.0 11	24.0 11	17.0 11	11.0 11	8.1 10	5.8 10	4.4 10	2.9 10
1970	3000.0 2	1120.0 2	491.0 2	230.0 3	116.0 3	58.0 4	39.0 4	29.0 5	19.0 5
1971	390.0 7	133.0 8	65.0 8	34.0 8	26.0 6	13.0 6	8.7 6	6.6 7	4.3 8
1972	36.0 14	16.0 14	6.9 14	3.2 14	1.7 14	0.8 14	0.6 14	0.4 14	0.3 14
1973	961.0 4	407.0 5	263.0 4	182.0 4	115.0 4	108.0 1	78.0 1	68.0 1	53.0 1
1974	2.2 15	0.7 15	0.3 15	0.2 15	0.1 15	0.0 15	0.0 15	0.0 15	0.0 15
1975	332.0 8	156.0 7	78.0 7	37.0 7	19.0 8	9.5 9	6.3 9	4.7 9	3.1 9

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.66	3.40	26.7	5.83	11.3	10.5	6.09	0.20	0.04	0.43	5.02	9.04
80.0	44.6	3643	81.9	677	744	365	0.23	0.01	0.75	63.0	869
8.95	6.68	60.4	9.05	26.0	27.3	19.1	0.48	0.09	0.87	7.94	29.5
3.82	1.78	2.26	1.80	3.35	3.73	3.62	3.23	2.46	2.21	1.86	3.82
3.36	1.96	2.26	1.55	2.31	2.60	3.14	2.39	2.09	2.03	1.58	3.26
3.28	4.19	32.9	7.19	13.9	12.9	7.50	0.25	0.05	0.53	6.19	11.1

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
6.75	73.8	8.59	1.40	1.27	-0.345

09513835 NEW RIVER AT BELL ROAD, NEAR PEORIA, AZ

LOCATION.--Lat 33°38'18", long 112°14'22", in NE¼NE¼ sec.3, T.3 N., R.1 E., Maricopa County, Hydrologic Unit 15070102, on downstream side of bridge at Bell Road, 1.6 mi (2.6 km) upstream from Skunk Creek, 3.1 mi (5.0 km) north of Peoria, and 9 mi (14 km) upstream from mouth.

DRAINAGE AREA.--187 mi² (484 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1963	1550	08-17-63		1968	14100
1965	1020	04-05-65	8.13	1969	0
1966	4060	12-22-65	10.50	1970	5910
1967	100	06-18-67	7.40	1971	785
1968	14600	12-19-67	13.50	1972	169
1969	0	-		1973	12800
1970	11900	09-05-70	11.03	1974	0
1971	4800	08-21-71	7.83	1975	288
1972	1520	07-17-72	5.28		
1973	2590	10-07-72	6.46		
1974	0	-			
1975	257	11-03-74	4.58		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1968	358													1		1			1							1	1							2		
1969	365																																			
1970	362																			1									1					1		
1971	360						2						1				1											1								
1972	364											1																								
1973	309	1	1				1		3		1	3	2		4	1	3	4	2	6	1	2	3	3	2	3	3		2							
1974	365																																			
1975	363													1										1												

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2846	2922	100.0	12	5.2	2	62	2.1	24	200	3	17	.5
1	0.10	1	76	2.6	13	7.1	2	60	2.1	25	270	4	14	.4
2	0.20	1	75	2.6	14	9.6	4	58	2.0	26	370	4	10	.3
3	0.30	0	74	2.5	15	13.0	2	54	1.8	27	500	1	6	.2
4	0.50	0	74	2.5	16	18.0	4	52	1.8	28	680	2	5	.1
5	0.60	0	74	2.5	17	24.0	5	48	1.6	29	930		3	.1
6	0.80	3	74	2.5	18	33.0	2	43	1.5	30	1300		3	.1
7	1.10	0	71	2.4	19	44.0	6	41	1.4	31	1700		3	.1
8	1.50	3	71	2.4	20	60.0	7	33	1.1	32	2300	3	3	.1
9	2.10	0	68	2.3	21	81.0	2	26	0.9	33				
10	2.80	1	68	2.3	22	110.0	4	24	0.8	34				
11	3.90	5	67	2.3	23	150.0	3	20	0.7					

GILA RIVER BASIN

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09513835 NEW RIVER AT BELL ROAD, NEAR PEORIA, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1968	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1
1969	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2
1970	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3
1971	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4
1972	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5
1973	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.42 9
1974	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6
1975	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1968	4200.0 1	2260.0 1	1010.0 1	474.0 1	237.0 1	119.0 1	79.0 1	59.0 1	39.0 1
1969	0.0 8	0.0 8	0.0 8	0.0 8	0.0 8	0.0 8	0.0 8	0.0 8	0.0 8
1970	2310.0 2	993.0 2	426.0 2	199.0 2	99.0 2	50.0 3	33.0 3	25.0 3	16.0 3
1971	370.0 4	124.0 4	56.0 4	26.0 4	13.0 4	6.6 4	4.4 4	3.3 4	2.2 4
1972	80.0 6	27.0 6	11.0 6	5.7 6	2.8 6	1.4 6	0.9 6	0.7 6	0.5 6
1973	864.0 3	351.0 3	248.0 3	163.0 3	87.0 3	75.0 2	52.0 2	44.0 2	35.0 2
1974	0.0 7	0.0 7	0.0 7	0.0 7	0.0 7	0.0 7	0.0 7	0.0 7	0.0 7
1975	137.0 5	48.0 5	21.0 5	9.7 5	4.8 5	2.4 5	1.6 5	1.2 5	0.8 5

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
4.13	1.57	31.7	0.00	10.9	7.87	0.32	0.00	0.00	0.34	1.60	12.4
136	9.06	6461	0.00	958	495	0.83	0.00	0.00	0.94	20.4	1233
11.7	3.01	80.4	0.00	31.0	22.3	0.91	0.00	0.00	0.97	4.52	35.1
2.83	1.71	2.77	*****	2.83	2.83	2.83	*****	*****	2.83	2.83	2.83
2.83	1.92	2.54	*****	2.83	2.83	2.83	*****	*****	2.83	2.83	2.83
5.83	2.22	44.7	0.00	15.4	11.1	0.45	0.00	0.00	0.48	2.25	17.5

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
5.88	69.1	8.32	1.10	1.41	-0.487

***** Skewness and coefficient of variation could not be computed owing to a zero-value month.

09513860 SKUNK CREEK NEAR PHOENIX, AZ

LOCATION.--Lat 33°43'44", long 112°07'12", in SE¼ sec.35, T.5 N., R.2 E., Maricopa County, Hydrologic Unit 15070102, on downstream side of right end of bridge on east frontage road of Interstate Highway 17, 3 mi (5 km) north of Adobe and 20 mi (32 km) north of City Hall in Phoenix.

DRAINAGE AREA.--64.6 mi² (167.3 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1960	9400	12-25-59		10.00	1968	1870
1961	0	- -			1969	0
1962	175	- -		6.80	1970	2840
1963	480	- -		7.35	1971	853
1964	11500	08-01-64		10.48	1972	581
1965	400	02-07-65	ES	7.26	1973	1770
1966	700	08-18-66	ES	7.57	1974	58
1967	950	09-0 -67		8.47	1975	77
1968	5900	12-19-67		11.7		
1969	0	- -				
1970	9650	09-05-70		12.24		
1971	4770	08-21-71		12.00		
1972	2380	07-17-72		10.30		
1973	4700	10-06-72		11.30		
1974	300	07-21-74		8.00		
1975	240	10-29-74		7.36		

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1968	356	2		1							1				1		1		1					2										1	
1969	365																																		
1970	360						1									1																			1
1971	358											1	1		1				2						1					1					
1972	360															3				1	1														
1973	347			1		1	1	1			1		1	1	1	3	2		1	1								1	1		1				
1974	360				1						1			1	1	1	1																		
1975	360	1	1											1		1			1																

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2866	2922	100.0	12	3.4	2	41	1.4	24	86	1	10	.3
1	0.10	3	56	1.9	13	4.4	3	39	1.3	25	110	2	9	.3
2	0.20	1	53	1.8	14	5.8	3	36	1.2	26	150	1	7	.2
3	0.30	2	52	1.8	15	7.6	7	33	1.1	27	190	2	6	.2
4	0.40	1	50	1.7	16	9.9	5	26	0.9	28	260	1	4	.1
5	0.50	1	49	1.7	17	13.0	2	21	0.7	29	330	1	3	.1
6	0.70	2	48	1.6	18	17.0	3	19	0.7	30	440		2	
7	0.90	1	46	1.6	19	22.0	3	16	0.5	31	570		2	
8	1.10	0	45	1.5	20	29.0	1	13	0.4	32	750	2	2	
9	1.50	0	45	1.5	21	38.0	0	12	0.4	33				
10	2.00	3	45	1.5	22	50.0	0	12	0.4	34				
11	2.60	1	42	1.4	23	66.0	2	12	0.4					

ES Discharge estimated from another site.

GILA RIVER BASIN

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09513860 SKUNK CREEK NEAR PHOENIX, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1968	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1
1969	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2
1970	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3
1971	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4
1972	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5
1973	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6
1974	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7
1975	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1968	753.0 2	279.0 2	132.0 2	61.0 2	31.0 2	15.0 2	10.0 2	7.7 2	5.0 2
1969	0.0 8	0.0 8	0.0 8	0.0 8	0.0 8	0.0 8	0.0 8	0.0 8	0.0 8
1970	1170.0 1	428.0 1	184.0 1	86.0 1	48.0 1	24.0 1	16.0 1	12.0 1	7.8 1
1971	282.0 4	100.0 4	57.0 4	27.0 4	14.0 4	7.2 4	4.8 4	3.6 4	2.4 4
1972	207.0 5	69.0 5	30.0 5	14.0 5	8.4 5	4.3 5	2.9 5	2.2 5	1.4 5
1973	360.0 3	203.0 3	89.0 3	52.0 3	26.0 3	14.0 3	9.3 3	7.0 3	4.9 3
1974	11.0 7	5.5 7	2.4 7	1.9 7	0.9 7	0.5 7	0.3 7	0.2 7	0.2 7
1975	26.0 6	8.7 6	4.5 6	2.1 6	1.1 6	0.7 6	0.4 6	0.3 6	0.2 6

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
3.44	0.11	3.83	0.00	0.20	0.05	0.00	0.00	0.03	0.93	2.51	5.46
80.1	0.06	109	0.00	0.33	0.02	0.00	0.00	0.01	5.47	20.9	228
8.95	0.24	10.5	0.00	0.57	0.13	0.00	0.00	0.09	2.34	4.57	15.1
2.81	2.50	2.83	*****	2.83	2.83	*****	*****	2.83	2.76	2.26	2.83
2.60	2.23	2.73	*****	2.82	2.83	*****	*****	2.83	2.52	1.82	2.77
20.8	0.65	23.2	0.00	1.22	0.28	0.00	0.00	0.20	5.60	15.2	33.0

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
1.39	2.09	1.44	0.75	1.04	-0.441

***** Skewness and coefficient of variation could not be computed owing to a zero-value month.

LOCATION.--Lat 34°02'42", long 112°42'33", in SW 1/4 sec.7, T.8 N., R.4 W., Yavapai County, Hydrologic Unit 15070103, on right bank at Box damsite, 5.5 mi (8.8 km) northeast of Wickenburg.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT.FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1925	25500	09-19-25	HP						1947	1870
1927	27100	02-16-27	HP						1948	2050
1937	22000	02-07-37	HP						1949	11600
1938	10000	03-03-38	HP		10.65				1950	5400
1946	1710	08-11-46			7.0				1951	24200
1947	2300	08-08-47			7.41				1952	21100
1948	5600	08-05-48			9.16				1953	2760
1949	2910	09-26-49			7.71				1954	9210
1950	5500	10-18-49			9.01				1955	9440
1951	27000	08-29-51			18.3				1956	1930
1952	1590	12-30-51			4.50	NM	6.05	08-14-52	1957	2290
1953	865	07-18-53			5.95				1958	17200
1954	3090	03-23-54			6.64	NM	7.63	09-02-54	1959	4930
1955	8840	07-23-55			9.81				1960	6910
1956	1210	08-18-56			5.70				1961	1870
1957	1980	08-10-57			6.34				1962	897
1958	10600	09-05-58			11.8				1963	1680
1959	5110	08-24-59			9.12				1964	1300
1960	3210	12-26-59			7.49				1965	22000
1961	1150	08-19-61			6.88				1966	39300
1962	1510	09-21-62			7.94				1967	4200
1963	2150	08-17-63			8.24				1968	17500
1964	1230	07-14-64			8.10				1969	9120
1965	9060	09-02-65			12.90				1970	14300
1966	5560	12-10-65			10.36				1971	2280
1967	1740	12-07-66			8.60				1972	1580
1968	11200	12-19-67			13.90				1973	57800
1969	4630	09-13-69			10.50				1974	4560
1970	58000	09-05-70		1916	34.60				1975	1450
1971	556	08-25-71			4.00					
1972	800	08-27-72			4.30					
1973	2600	10-07-72			6.50		7.10	03-29-73		
1974	5560	07-20-74			10.1					
1975	154	07-28-75			6.16					

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1947						4	94	133	82	25	16	1	4	1	1					1		1														
1948					48	97	139	57	11	5	2	1	2	1					1		1															
1949				3	10	23	30	63	64	17	10	19	4	13	11	9	14	15	32	9	10	5	1	2			1									
1950						23	17	26	90	111	65	13	3	5	4	1	4			1					1											
1951					76	91	92	59	21	6	4	1	1	2			1	3		3	1	1			2							1			1	
1952				1	20	15	40	58	34	24	7	14	23	4	1	21	14	21	14	12	12	13	12	8	2	1										
1953						17	72	88	88	57	23	7	4	1	3	4	1	3	4				1													
1954					2	23	251	42	8	4	6	4	6	6	2	2	4	1	2	3	3	3		1	1	1	1	1			1					
1955					60	254		15	1	3	1				2		1	6	4	2	4	3	4	2				2	1							
1956						137	217				1	1	3	1	1			1		1	2		1													
1957					16	76	138	99	9	6	6	1	1	2	3	1	2	2	2						1											
1958				2	8	10	111	58	29	34	19	12	4	6	7	9	12	11	6	7		6	5	1	6							2				
1959					5	7	20	91	171	53	2	1	2	2	1	2	1	2	1			1	1	1							1					
1960					1	6	41	50	63	46	55	60	16	15	3			3	2				1	1	1					2						
1961				20	21	10	20	39	146	39	41	16	3	2			1	2	2	1			2													
1962				23	34	65	108	73	41	7	2	6	2	1	1			1					1													
1963				9	41	43	47	138	49	25	1				4	1		1	2	1								1								
1964				85	27	60	52	40	51	6	20	3	4	1	4	1		2			3		1													
1965				22	5	76	28	10	30	13	19	8	23	34	8	13	5	7	8	6	5	8	5	5	5	1	5	12		1	2	1				
1966									27	111	33	18	9	6	11	8	12	11	17	31	19	20	7	10	7	3										
1967									102	190	49	12	3	4	2	1																				
1968																																				
1969				1	6	7	6	17	18	31	42	64	7	9	8	6	5	24	53	9	13	10	12	15	2											
1970				2		4	21	32	58	55	51	25	17	8	4	4	18	12	23	21	5	1	1	1		1	1		1		1					
									20	199	78	9	12	6	7	5	10	4	5						1	2	1									1
1971						10	54	15	124	59	89	4	1	3	2	2	1			1																
1972						49	136	148	18	7	4			3																						
1973						7	23	37	28	10	18	19	34	36	20	10	15	10		9	23	20	8	15	7	14	2									
1974						6	11	20	55	156	65	30	11	1	2	3	1						1		1	1										
1975				8	4	9	6	12	115	101	90	6	4	2	3	1	1	1	2																	

HP Isolated historic peak; not part of systematic record.
NM Not maximum gage height for water year.

09515500 HASSAYAMPA RIVER AT BOX DAMSITE, NEAR WICKENBURG, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--Continued

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	107	10592	100.0	12	5.1	225	1655	15.6	24	260	48	107	1.0
1	0.10	42	10485	99.0	13	7.1	130	1430	13.5	25	360	15	59	.5
2	0.20	236	10443	98.6	14	9.8	165	1300	12.3	26	500	19	44	.4
3	0.30	192	10207	96.4	15	14.0	164	1135	10.7	27	700	11	25	.2
4	0.40	203	10015	94.6	16	19.0	162	971	9.2	28	970	8	14	.1
5	0.50	499	9812	92.6	17	26.0	147	809	7.6	29	1300	2	6	
6	0.70	614	9313	87.9	18	36.0	158	662	6.3	30	1900	2	4	
7	1.00	1571	8699	82.1	19	51.0	104	504	4.8	31	2600	2	2	
8	1.40	2317	7128	67.3	20	70.0	89	400	3.8	32	3600	2	2	
9	1.90	1853	4811	45.4	21	98.0	101	311	2.9	33	5000	2	2	
10	2.60	798	2958	27.9	22	140.0	60	210	2.0	34				
11	3.70	505	2160	20.4	23	190.0	43	150	1.4					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1947	0.90 22	0.90 21	0.96 21	0.99 20	1.00 16	1.10 11	1.19 9	1.40 10	1.50 9
1948	0.50 13	0.50 11	0.51 10	0.54 8	0.65 9	0.73 6	0.77 5	0.83 5	0.98 4
1949	0.30 9	0.33 9	0.43 8	0.57 10	0.64 8	0.77 7	1.00 7	4.70 28	11.00 27
1950	0.80 19	0.80 19	0.87 19	0.95 18	1.70 25	2.00 26	2.40 26	2.50 22	3.00 18
1951	0.80 20	0.80 20	0.80 18	0.81 15	0.92 13	1.10 12	1.30 13	1.30 7	1.40 6
1952	0.60 17	0.70 16	0.74 17	0.81 16	1.50 24	2.10 27	2.10 23	6.90 29	24.00 29
1953	1.19 28	1.19 28	1.30 27	1.40 26	1.80 26	2.30 29	2.30 25	2.50 23	2.80 16
1954	0.90 21	0.97 22	1.19 25	1.40 27	1.40 22	1.50 23	1.60 20	1.80 18	4.40 20
1955	1.00 23	1.00 23	1.00 22	1.00 21	1.00 17	1.40 19	1.40 14	1.40 11	1.50 10
1956	1.00 24	1.00 24	1.00 23	1.00 22	1.00 18	1.19 17	1.19 10	1.30 8	1.40 7
1957	0.50 14	0.53 12	0.57 12	0.64 12	0.83 11	0.89 8	1.00 8	1.60 12	2.00 13
1958	0.40 10	0.50 10	0.56 11	0.61 11	0.98 14	1.10 13	1.30 11	4.20 27	20.00 28
1959	0.50 11	0.53 13	0.60 13	0.73 13	1.19 19	1.50 20	1.50 18	1.70 15	1.90 12
1960	0.60 15	0.73 18	0.89 20	0.95 19	1.50 23	1.50 21	2.80 29	3.20 25	4.20 19
1961	0.20 7	0.20 6	0.20 5	0.21 4	0.29 4	0.59 5	0.83 6	0.99 6	1.10 5
1962	0.20 8	0.20 7	0.20 6	0.24 5	0.32 5	0.39 4	0.39 3	0.40 3	0.55 2
1963	0.10 4	0.10 3	0.11 3	0.17 3	0.19 2	0.31 3	0.41 4	0.42 4	0.79 3
1964	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.01 1	0.07 1	0.23 1	0.31 1
1965	0.00 2	0.00 2	0.00 2	0.00 2	0.20 3	0.22 2	0.24 2	0.33 2	4.90 21
1966	1.50 29	1.50 29	1.60 29	1.80 30	1.90 30	2.10 28	2.50 27	2.60 24	5.70 23
1967	1.60 30	1.60 30	1.60 30	1.80 29	1.80 27	1.90 24	2.10 24	2.10 20	2.30 15
1968	0.10 3	0.17 4	0.27 7	0.31 7	0.48 6	0.95 9	2.70 28	4.00 26	6.80 25
1969	0.20 5	0.30 8	0.44 9	0.56 9	0.80 10	1.19 14	1.40 15	1.80 19	7.20 26
1970	1.10 25	1.10 25	1.19 26	1.19 25	1.30 20	1.50 22	1.60 19	1.70 16	5.70 24
1971	0.70 18	0.70 17	0.73 16	0.86 17	1.00 15	1.00 10	1.30 12	1.60 13	2.10 14
1972	1.10 26	1.10 26	1.10 24	1.10 24	1.30 21	1.30 18	1.40 16	1.60 14	1.70 11
1973	1.10 27	1.19 27	1.40 28	1.50 28	1.80 28	3.70 30	6.00 30	11.00 30	60.00 30
1974	0.50 12	0.53 14	0.63 14	1.00 23	1.80 29	1.90 25	2.00 22	2.40 21	2.90 17
1975	0.20 6	0.20 5	0.20 4	0.27 6	0.60 7	1.19 15	1.40 17	1.40 9	1.50 8

09515500 HASSAYAMPA RIVER AT BOX DAMSITE, NEAR WICKENBURG, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1947	123.0 26	62.0 23	28.0 25	19.0 21	11.0 24	6.1 25	4.4 25	3.6 26	3.0 26
1948	539.0 16	186.0 18	80.0 18	40.0 18	22.0 18	11.0 18	7.9 18	6.1 18	4.4 19
1949	485.0 18	208.0 17	91.0 17	71.0 16	60.0 12	47.0 12	40.0 11	35.0 10	25.0 9
1950	1170.0 8	475.0 11	208.0 12	99.0 13	52.0 15	28.0 15	20.0 15	16.0 14	11.0 14
1951	8470.0 1	3540.0 1	1590.0 1	748.0 1	384.0 2	196.0 3	131.0 3	99.0 3	65.0 3
1952	491.0 17	336.0 15	245.0 9	210.0 7	181.0 6	121.0 5	87.0 5	74.0 4	52.0 5
1953	148.0 23	63.0 22	36.0 21	18.0 22	11.0 25	7.8 23	5.9 23	5.1 21	4.3 20
1954	1760.0 4	912.0 3	475.0 6	243.0 6	124.0 7	63.0 9	43.0 10	33.0 11	24.0 10
1955	792.0 13	520.0 9	261.0 8	156.0 10	99.0 10	69.0 8	48.0 8	36.0 8	24.0 11
1956	174.0 21	61.0 24	28.0 22	14.0 25	13.0 21	7.5 24	5.4 24	4.4 24	3.3 24
1957	355.0 20	132.0 19	58.0 20	28.0 20	16.0 20	10.0 19	7.2 19	5.8 19	4.5 18
1958	1270.0 6	547.0 8	239.0 10	188.0 9	109.0 9	60.0 10	46.0 9	35.0 9	37.0 7
1959	1000.0 10	369.0 13	183.0 14	103.0 11	60.0 11	31.0 14	21.0 14	16.0 15	11.0 15
1960	745.0 14	497.0 10	216.0 11	103.0 12	59.0 13	34.0 13	25.0 13	20.0 13	14.0 13
1961	138.0 25	58.0 25	28.0 23	14.0 26	12.0 22	8.6 21	6.5 21	5.1 22	3.8 21
1962	151.0 22	52.0 26	23.0 27	12.0 27	6.0 28	3.2 29	2.3 29	1.8 29	1.4 29
1963	367.0 19	126.0 20	62.0 19	34.0 19	19.0 19	10.0 20	6.9 20	5.3 20	3.6 22
1964	142.0 24	64.0 21	28.0 24	15.0 24	12.0 23	8.5 22	6.2 22	4.6 23	3.1 25
1965	1200.0 7	613.0 7	483.0 5	385.0 4	250.0 4	140.0 4	95.0 4	73.0 5	59.0 4
1966	1700.0 5	820.0 5	484.0 4	429.0 3	351.0 3	234.0 2	185.0 2	153.0 2	106.0 2
1967	1040.0 9	426.0 12	187.0 13	88.0 14	45.0 17	24.0 16	17.0 16	13.0 16	9.5 17
1968	2280.0 3	826.0 4	375.0 7	202.0 8	113.0 8	72.0 7	79.0 6	65.0 6	45.0 6
1969	800.0 12	336.0 14	159.0 15	83.0 15	54.0 14	48.0 11	39.0 12	30.0 12	20.0 12
1970	5000.0 2	1750.0 2	756.0 2	354.0 5	186.0 5	94.0 6	63.0 7	48.0 7	34.0 8
1971	60.0 28	28.0 27	25.0 26	16.0 23	8.9 26	5.2 26	4.1 26	3.9 25	3.4 23
1972	70.0 27	25.0 28	13.0 28	7.4 29	5.5 29	4.3 27	3.4 27	2.9 27	2.5 27
1973	846.0 11	701.0 6	624.0 3	593.0 2	492.0 1	344.0 1	273.0 1	217.0 1	148.0 1
1974	700.0 15	278.0 16	120.0 16	57.0 17	47.0 16	24.0 17	17.0 17	13.0 17	10.0 16
1975	50.0 29	21.0 29	10.0 29	8.1 28	6.5 27	4.0 28	3.1 28	2.7 28	2.3 28

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
4.45	4.42	19.2	11.5	14.6	35.8	25.7	5.39	2.57	6.29	25.1	16.1
110	130	3291	564	703	6950	4014	194	22.7	76.0	4634	1397
10.5	11.4	57.4	24.2	26.5	83.4	63.4	13.9	4.77	8.72	68.1	37.4
3.83	4.93	4.47	4.00	2.39	4.04	3.16	4.91	4.90	2.98	4.92	3.45
2.35	2.98	2.99	2.11	1.82	2.33	2.46	2.58	1.86	1.39	2.72	2.33
2.60	2.58	11.2	6.70	8.53	20.9	19.0	3.15	1.50	3.68	14.7	9.39

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
14.3	318	17.8	2.30	1.24	-0.059

GILA RIVER BASIN

403

09517500 CENTENNIAL WASH NEAR ARLINGTON, AZ

LOCATION.--Lat 33°16'12", long 112°47'50", in sec.7, T.2 S., R.5 W., Maricopa County, Hydrologic Unit 15070104, on upstream side of ford on former U.S. Highway 80, 3.0 mi (4.8 km) upstream from Gillespie Dam and 4.4 mi (7.1 km) southwest of Arlington.

DRAINAGE AREA.--1,810 mi² (4,690 km²), approximately.

REMARKS.--Records poor. Flow regulated by several small retention dams in upper end of basin. Records do not include irrigation return flow past station.

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1961	14500	07-23-61	4.70	1961	7500
1962	1100	09-06-62	3.09	1962	522
1963	0	- -	-	1963	0
1964	2890	07-31-64	3.74	1964	1950
1965	1040	02-07-65	3.27	1965	442
1966	5500	09-13-66	4.13	1966	4090
1967	1040	09-05-67	3.27	1967	942
1968	5330	12-19-67	4.11	1968	3390
1969	990	08-29-69	3.25	1969	795
1970	11900	09-05-70	4.71	1970	8760
1971	2040	08-20-71	3.91	1971	3350
1972	0	- -	-	1972	0
1973	9340	10-07-72	4.52	1973	8920
1974	105	08-04-74	2.93	1974	107
1975	755	10-28-74	3.55	1975	270

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1961	361																																		
1962	363																																		
1963	365																																		
1964	357																																		
1965	360																																		
1966	358																																		
1967	360																																		
1968	360																																		
1969	360																																		
1970	359																																		
1971	361																																		
1972	366																																		
1973	361																																		
1974	362																																		
1975	361																																		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	5414	5478	100.0	12	5.8	3	48	0.9	24	250	14	14	.2
1	0.10	1	64	1.2	13	8.0	5	45	0.8	25	340	3	14	.2
2	0.20	1	63	1.2	14	11.0	3	40	0.7	26	460	1	11	.2
3	0.30	0	62	1.1	15	15.0	0	37	0.7	27	630	3	10	.1
4	0.50	1	62	1.1	16	20.0	4	37	0.7	28	870	2	7	.1
5	0.70	0	61	1.1	17	28.0	6	33	0.6	29	1200	1	5	
6	0.90	0	61	1.1	18	38.0	0	27	0.5	30	1600	1	4	
7	1.20	1	61	1.1	19	52.0	2	27	0.5	31	2200	1	3	
8	1.70	4	60	1.1	20	71.0	2	25	0.5	32	3000	2	2	
9	2.30	1	56	1.0	21	97.0	1	23	0.4	33				
10	3.10	3	55	1.0	22	130.0	2	22	0.4	34				
11	4.30	4	52	0.9	23	180.0	6	20	0.4					

GILA RIVER BASIN

09517500 CENTENNIAL WASH NEAR ARLINGTON, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1961	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1
1962	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2
1963	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3
1964	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4
1965	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5
1966	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6
1967	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7
1968	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.03 16
1969	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 8
1970	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 9
1971	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 10
1972	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 11
1973	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 12
1974	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 13
1975	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 14

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1961	2790.0 3	937.0 3	537.0 2	252.0 2	126.0 2	63.0 2	42.0 3	32.0 2	21.0 2
1962	180.0 10	60.0 11	26.0 11	12.0 11	8.8 10	4.4 10	2.9 10	2.2 10	1.4 10
1963	0.0 14	0.0 14	0.0 14	0.0 14	0.0 14	0.0 14	0.0 14	0.0 14	0.0 14
1964	348.0 8	265.0 7	132.0 7	62.0 7	31.0 7	16.0 7	11.0 7	8.2 7	5.4 7
1965	177.0 11	63.0 10	27.0 10	13.0 10	6.3 11	3.2 11	2.1 11	1.6 11	1.0 11
1966	1860.0 4	669.0 4	287.0 4	134.0 4	67.0 4	33.0 4	22.0 4	17.0 4	11.0 4
1967	224.0 9	138.0 8	67.0 8	31.0 8	16.0 8	7.8 8	5.2 8	3.9 8	2.6 8
1968	1010.0 5	567.0 5	243.0 5	113.0 5	57.0 5	28.0 5	19.0 5	14.0 5	9.3 5
1969	352.0 7	119.0 9	51.0 9	24.0 9	13.0 9	6.7 9	4.5 9	3.3 9	2.2 9
1970	3030.0 2	1460.0 1	626.0 1	292.0 1	147.0 1	74.0 1	49.0 1	37.0 1	24.0 1
1971	770.0 6	560.0 6	241.0 6	113.0 6	56.0 6	28.0 6	19.0 6	14.0 6	9.2 6
1972	0.0 15	0.0 15	0.0 15	0.0 15	0.0 15	0.0 15	0.0 15	0.0 15	0.0 15
1973	3500.0 1	1250.0 2	535.0 3	250.0 3	125.0 3	62.0 3	42.0 2	31.0 3	20.0 3
1974	29.0 13	17.0 13	7.7 13	3.6 13	1.8 13	0.9 13	0.6 13	0.5 13	0.3 13
1975	76.0 12	44.0 12	19.0 12	8.7 12	4.4 12	2.2 12	1.5 12	1.1 12	0.7 12

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
8.36	0.00	3.77	0.00	0.46	0.00	0.00	0.00	0.00	10.8	5.67	16.0
971	0.00	200	0.00	3.06	0.00	0.00	0.00	0.00	997	204	1592
31.2	0.00	14.1	0.00	1.75	0.00	0.00	0.00	0.00	31.6	14.3	39.9
3.87	0.00	3.87	0.00	3.87	3.87	0.00	0.00	0.00	3.57	3.28	2.97
3.73	0.00	3.73	0.00	3.73	3.73	0.00	0.00	0.00	2.93	2.52	2.49
18.5	0.00	8.37	0.00	1.03	0.00	0.00	0.00	0.00	23.9	12.0	35.5

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
3.78	19.8	4.46	1.12	1.18	-0.338

***** Skewness and coefficient of variation could not be computed owing to a zero-value month.

GILA RIVER BASIN

405

09518000 GILA RIVER ABOVE DIVERSIONS, AT GILLESPIE DAM, AZ
(National stream-quality accounting network and pesticide station)

LOCATION.--Lat 33°13'45", long 112°46'00", in SE¼NE¼ sec.28, T.2 S., R.5 W., Maricopa County, Hydrologic Unit 15070101, at Gillespie Dam, 8 mi (13 km) downstream from Hassayampa River. Gila Bend Canal diverts from left end, and Enterprise Canal diverts from right end of Gillespie Dam.

DRAINAGE AREA.--49,650 mi² (128,600 km²).

REMARKS.--Records fair. Record is obtained by combining, on a daily basis, the flows of Gila Bend Canal, Enterprise Canal, and Gila River below Gillespie Dam (see sta 09519500).

Many large diversions above station for irrigation, municipal, and industrial use. Flow of Gila River and tributaries above this station is regulated by San Carlos Reservoir on Gila River--capacity, 948,600 acre-ft (1,170 hm³); by a series of reservoirs on Salt River--capacity, 1,755,000 acre-ft (2,160 hm³); by Bartlett and Horseshoe Reservoirs on Verde River--capacity, 317,700 acre-ft (392 hm³); and by Lake Pleasant on Agua Fria River--capacity, 157,600 acre-ft (194 hm³).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	HIGHEST SINCE	GAGE HEIGHT OF ANNUAL PEAK,FT	CODE	ANNUAL MAX GAGE HT,FT	DATE	WATER YEAR	TOTAL VOLUME, ACRE-FT
1891	250000	02- -91	ES HP						1941	1140000
1921	26800	08-22-21	KR						1942	103000
1922	32700	01-04-22	KR						1943	85600
1923	13100	09-20-23	KR						1944	94400
1924	85000	12-28-23	KR						1945	89400
1925	15200	09-20-25	KR						1946	110000
1926	38300	09-30-26	KR						1947	95700
1927	67300	02-18-27	KR						1948	55300
1928	9220	02-06-28	KR						1949	57400
1929	20700	04-06-29	KR						1950	43900
1930	13900	08-10-30	KR						1951	143000
1931	17500	02-16-31	KR						1952	51600
1932	44500	02-11-32	KR						1953	29600
1933	2180	10-09-32	KR						1954	3970
1934	3100	08-30-34	KR						1955	122000
1935	7470	02-10-35	KR						1956	20900
1936	3240	07-29-36	KR						1957	13600
1937	45800	02-09-37	KR						1958	25200
1938	60000	03-05-38	KR						1959	18700
1939	3240	09-13-39	KR						1960	31500
1940	2620	08-19-40	KR						1961	9040
1941	45800	03-16-41	KR						1962	8540
1942	580	12-13-41	KR						1963	10900
1943	2200	08-05-43	KR						1964	18700
1944	580	02-25-44	KR						1965	13800
1945	1350	08-14-45	KR						1966	454000
1946	4290	09-19-46	KR						1967	12000
1947	4390	08-09-47	KR						1968	118000
1948	330	08-09-48	KR						1969	16500
1949	976	08-07-49	KR						1970	34700
1950	1460	10-19-49	KR						1971	40400
1951	16600	08-28-51	KR						1974	27400
1952	430	01-22-52	KR						1975	39600
1953	115	11-20-52	KR							
1954	1760	08-12-54	KR							
1955	3660	08-28-55	KR		10.82	NM	11.05	08-14-55		
1956	0	- -	KR							
1957	205	01-29-57	KR		10.14					
1958	976	09-13-58	KR		10.48					
1959	480	08-17-59	KR		10.22					
1960	640	01-19-60	KR		10.31					
1961	380	07-23-61	KR		10.21					
1962	0	- -	KR							
1963	100	10-04-62	KR		10.09					
1964	230	08-14-64	KR		10.15					
1965	230	09-04-65	KR		10.07					
1966	64200	01-02-66	KR		16.1					
1967	1390	09-06-67	KR		10.41					
1968	5710	12-21-67	KR		11.09					
1969	214	08-30-69	KR		10.04					
1970	6180	09-06-70	KR		11.26					
1971	1090	08-27-71	KR		10.34					
1972	0	- -	KR							
1973	18000	04-03-73	ES KR		12.20					
1974	59	04-03-74	KR		1.62					
1975	80	10-29-74	KR		1.79					

ES Discharge estimated from another site.

HP Isolated historic peak; not part of systematic record.

KR Known significant effect of regulation or diversion.

NM Not maximum gage height for water year.

09518000 GILA RIVER ABOVE DIVERSIONS, AT GILLESPIE DAM, AZ--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
	NUMBER OF DAYS IN CLASS																																			
1941																40	46	13	86	38	25	29	27	16	12	11	11	17	16	11	6	4	2	1		
1942																48	71	71	76	78	7	7	3	3			1									
1943																15	63	79	67	102	27	8	5													
1944																	100	57	78	102	22	3			1	2										
1945																																				
1946																3	72	83	75	105	14	4	2	1			4	2								
1947																11	53	59	76	142	19	2	1	1			1									
1948															26	34	112	64	123	3		2														
1949															3	59	41	91	119	32	8	1	6	1	4											
1950															2	37	128	63	116	11	2	2	2	1	1											
1951																27	64	68	120	31	14	15	5	6	3	2	2	1	2		2	2	1			
1952																35	64	90	131	28	13	1	3	1												
1953																5	41	96	74	119	23	4	2	1												
1954																11	105	81	113	12	11	5	6	6	4	7	2	1	1							
1955																7	50	143	89	28	4	3	3	1	3	3	6	13	7	2	3					
1956																23	99	53	177	12	2															
1957																41	93	125	86	8	10	1	1													
1958																33	27	93	122	44	20	9	4		5	6	2									
1959																2	15	42	55	177	48	6	3	3	3	4	1									
1960																8	47	81	56	82	57	6	5		5	3	5	3	4	4						
1961																																				
1962																																				
1963																																				
1964																																				
1965																																				
1966																																				
1967																																				
1968																																				
1969																																				
1970																																				
1971																																				
1974																																				
1975																																				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	5	12052	100.0	12	9.7	1040	10697	88.8	24	960	39	182	1.5
1	0.10	3	12047	100.0	13	14.0	1779	9657	80.1	25	1400	38	143	1.1
2	0.20	2	12044	99.9	14	21.0	1564	7878	65.4	26	2100	22	105	.8
3	0.30	3	12042	99.9	15	31.0	1457	6314	52.4	27	3000	24	83	.6
4	0.50	12	12039	99.9	16	45.0	1456	4857	40.3	28	4400	20	59	.4
5	0.70	10	12027	99.8	17	66.0	1138	3401	28.2	29	6500	15	39	.3
6	1.00	25	12017	99.7	18	97.0	829	2263	18.8	30	9500	15	24	.1
7	1.40	33	11992	99.5	19	140.0	786	1434	11.9	31	14000	4	9	
8	2.10	61	11959	99.2	20	210.0	197	648	5.4	32	20000	3	5	
9	3.10	155	11898	98.7	21	300.0	126	451	3.7	33	30000	2	2	
10	4.50	325	11743	97.4	22	450.0	83	325	2.7	34				
11	6.70	721	11418	94.7	23	650.0	60	242	2.0					

GILA RIVER BASIN

407

09518000 GILA RIVER ABOVE DIVERSIONS, AT GILLESPIE DAM, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1941	48.00 34	49.00 34	58.00 34	60.00 34	61.00 34	90.00 34	110.00 34	187.00 34	1470.00 34
1942	36.00 29	37.00 30	37.00 29	39.00 29	40.00 28	47.00 29	52.00 28	58.00 28	86.00 28
1943	36.00 30	36.00 29	38.00 30	39.00 30	40.00 29	43.00 27	55.00 29	73.00 30	110.00 33
1944	34.00 28	35.00 28	35.00 28	38.00 28	47.00 31	56.00 31	65.00 31	69.00 29	91.00 29
1945	46.00 33	47.00 33	49.00 33	51.00 33	52.00 33	58.00 32	70.00 32	84.00 33	109.00 32
1946	41.00 31	43.00 32	45.00 32	47.00 32	50.00 32	64.00 33	75.00 33	75.00 31	92.00 30
1947	41.00 32	42.00 31	43.00 31	44.00 31	45.00 30	51.00 30	62.00 30	75.00 32	98.00 31
1948	22.00 26	23.00 26	26.00 27	28.00 27	29.00 25	46.00 28	49.00 27	50.00 26	60.00 26
1949	20.00 25	21.00 24	22.00 24	25.00 25	25.00 23	35.00 25	44.00 26	53.00 27	66.00 27
1950	19.00 24	21.00 25	22.00 25	24.00 24	29.00 26	34.00 24	39.00 24	45.00 25	54.00 25
1951	15.00 21	15.00 20	17.00 20	18.00 20	19.00 20	23.00 21	29.00 22	35.00 23	49.00 23
1952	24.00 27	25.00 27	25.00 26	27.00 26	31.00 27	37.00 26	41.00 25	43.00 24	52.00 24
1953	13.00 20	13.00 17	13.00 17	15.00 19	18.00 19	21.00 19	26.00 20	26.00 19	30.00 17
1954	12.00 18	13.00 18	13.00 18	14.00 17	14.00 17	16.00 17	19.00 16	23.00 17	30.00 18
1955	12.00 19	13.00 19	14.00 19	14.00 18	15.00 18	16.00 18	19.00 17	22.00 16	28.00 16
1956	10.00 16	10.00 15	11.00 15	12.00 15	13.00 15	15.00 16	15.00 15	15.00 13	21.00 14
1957	7.10 14	7.30 14	8.00 14	8.50 13	9.10 12	9.50 10	10.00 10	12.00 9	16.00 10
1958	6.70 13	6.70 12	6.90 11	7.20 9	7.40 9	10.00 12	13.00 13	16.00 14	24.00 15
1959	3.80 8	4.60 8	5.20 8	6.50 8	7.30 8	8.00 8	9.80 9	12.00 10	15.00 7
1960	5.10 10	5.70 9	6.80 10	7.50 10	8.60 11	9.80 11	12.00 11	12.00 11	15.00 8
1961	1.60 4	2.60 4	3.10 4	3.40 4	4.40 6	5.80 6	6.70 5	8.10 5	10.00 4
1962	3.10 7	3.30 7	3.60 7	3.90 6	4.30 5	4.50 3	5.30 3	6.10 2	8.40 2
1963	2.30 5	2.60 5	2.70 3	2.80 3	3.30 3	3.80 2	4.80 2	6.40 3	10.00 5
1964	1.19 3	1.90 3	3.30 5	3.70 5	4.20 4	4.80 4	6.60 4	8.00 4	9.40 3
1965	5.70 11	5.80 10	6.40 9	7.50 11	8.30 10	8.90 9	9.60 8	11.00 8	17.00 11
1966	2.70 6	3.00 6	3.50 6	4.60 7	5.50 7	6.50 7	7.90 7	9.10 6	15.00 6
1967	0.00 1	0.00 1	0.43 1	0.64 1	1.10 1	1.80 1	2.20 1	4.70 1	8.20 1
1968	4.60 9	6.20 11	7.60 12	8.30 12	10.00 13	11.00 13	12.00 12	13.00 12	18.00 12
1969	6.70 12	7.00 13	7.60 13	8.90 14	10.00 14	12.00 14	14.00 14	18.00 15	20.00 13
1970	0.10 2	0.40 2	1.30 2	1.60 2	3.30 2	5.30 5	7.30 6	9.40 7	16.00 9
1971	12.00 17	12.00 16	12.00 16	13.00 16	14.00 16	15.00 15	21.00 18	26.00 18	31.00 19
1974	10.00 15	17.00 22	20.00 22	20.00 21	20.00 21	22.00 20	25.00 19	29.00 20	38.00 20
1975	16.00 22	16.00 21	19.00 21	21.00 22	23.00 22	25.00 22	28.00 21	31.00 21	44.00 22

GILA RIVER BASIN

09518000 GILA RIVER ABOVE DIVERSIONS, AT GILLESPIE DAM, AZ--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1941	30000.0 2	24800.0 2	15200.0 2	9020.0 2	8040.0 1	6190.0 1	5490.0 1	4290.0 1	3000.0 1
1942	686.0 17	543.0 16	410.0 16	356.0 13	335.0 9	268.0 7	247.0 6	231.0 6	205.0 6
1943	1830.0 9	1020.0 9	557.0 11	408.0 10	277.0 11	204.0 10	176.0 11	160.0 11	136.0 11
1944	539.0 18	493.0 17	444.0 15	375.0 11	301.0 10	241.0 8	229.0 8	213.0 7	184.0 7
1945	1230.0 12	1020.0 10	610.0 10	369.0 12	234.0 14	189.0 12	181.0 9	172.0 9	155.0 10
1946	2730.0 7	2390.0 7	1850.0 6	1030.0 6	542.0 6	309.0 6	237.0 7	193.0 8	165.0 8
1947	2000.0 8	877.0 12	488.0 12	301.0 14	204.0 15	186.0 13	177.0 10	170.0 10	162.0 9
1948	334.0 22	280.0 23	181.0 23	118.0 23	116.0 21	112.0 18	110.0 16	108.0 13	99.0 12
1949	817.0 14	648.0 15	469.0 13	270.0 15	187.0 16	166.0 14	124.0 14	102.0 16	90.0 15
1950	816.0 15	336.0 21	266.0 20	180.0 19	122.0 19	81.0 20	78.0 19	76.0 19	70.0 19
1951	11000.0 3	9440.0 3	5970.0 3	2950.0 3	1700.0 3	971.0 3	658.0 3	499.0 3	343.0 3
1952	511.0 19	381.0 20	275.0 19	205.0 18	156.0 17	121.0 17	110.0 17	103.0 15	94.0 13
1953	229.0 25	180.0 25	119.0 25	99.0 25	76.0 25	67.0 23	64.0 22	63.0 21	56.0 21
1954	1600.0 10	1160.0 8	791.0 8	580.0 8	384.0 8	218.0 9	156.0 12	121.0 12	92.0 14
1955	3160.0 6	2850.0 6	2070.0 5	1670.0 5	1480.0 4	884.0 4	600.0 4	454.0 5	306.0 5
1956	80.0 32	70.0 32	54.0 32	46.0 31	43.0 28	40.0 27	40.0 26	39.0 26	37.0 25
1957	106.0 30	70.0 33	51.0 33	40.0 32	33.0 31	30.0 30	28.0 30	27.0 29	24.0 28
1958	498.0 20	385.0 19	215.0 22	121.0 22	80.0 23	61.0 24	45.0 25	44.0 24	40.0 23
1959	470.0 21	422.0 18	292.0 18	222.0 17	140.0 18	76.0 21	53.0 24	43.0 25	35.0 26
1960	702.0 16	659.0 14	467.0 14	245.0 16	241.0 13	140.0 16	118.0 15	98.0 17	74.0 17
1961	151.0 27	119.0 28	63.0 30	52.0 29	30.0 32	22.0 33	16.0 33	14.0 33	13.0 33
1962	131.0 29	105.0 29	55.0 31	33.0 33	26.0 33	24.0 32	22.0 32	20.0 31	17.0 31
1963	140.0 28	140.0 27	123.0 24	111.0 24	61.0 27	34.0 28	24.0 31	19.0 32	17.0 32
1964	295.0 23	288.0 22	252.0 21	141.0 21	117.0 20	100.0 19	69.0 21	53.0 22	38.0 24
1965	237.0 24	197.0 24	96.0 26	49.0 30	34.0 30	32.0 29	30.0 27	28.0 27	24.0 29
1966	48900.0 1	29600.0 1	18700.0 1	13000.0 1	6850.0 2	3570.0 2	2440.0 2	1840.0 2	1210.0 2
1967	1280.0 11	701.0 13	319.0 17	157.0 20	86.0 22	44.0 26	30.0 28	23.0 30	20.0 30
1968	4860.0 4	3720.0 4	3250.0 4	2050.0 4	1130.0 5	593.0 5	593.0 5	461.0 4	310.0 4
1969	187.0 26	163.0 26	94.0 27	53.0 28	36.0 29	29.0 31	28.0 29	27.0 28	26.0 27
1970	4400.0 5	2890.0 5	1520.0 7	756.0 7	391.0 7	203.0 11	137.0 13	104.0 14	75.0 16
1971	1070.0 13	964.0 11	735.0 9	474.0 9	265.0 12	144.0 15	101.0 18	82.0 18	69.0 20
1974	74.0 33	73.0 31	70.0 29	68.0 27	66.0 26	60.0 25	56.0 23	53.0 23	47.0 22
1975	101.0 31	97.0 30	85.0 28	80.0 26	79.0 24	76.0 22	74.0 20	73.0 20	71.0 18

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKÉWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
39.7	49.1	108	288	141	248	212	160	33.4	39.4	169	89.1
1258	1664	32230	1162000	96390	956500	809100	469000	1599	2404	110500	15360
35.5	40.8	180	1078	310	978	900	685	40.0	49.0	332	124
1.88	1.14	3.89	5.66	5.20	5.78	5.81	5.81	3.47	3.05	3.46	2.55
0.89	0.83	1.65	3.74	2.20	3.95	4.23	4.28	1.20	1.24	1.97	1.39
2.52	3.11	6.88	18.3	8.95	15.7	13.5	10.1	2.12	2.50	10.7	5.65

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKÉWNESS	COEFF. OF VARIATION	SERIAL CORR
133	79160	281	4.63	2.12	0.040

09520170 RIO CORNEZ NEAR AJO, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1968	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1
1969	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2
1970	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3
1971	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4
1972	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5
1973	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6
1974	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7
1975	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1968	500.0 3	167.0 5	71.0 5	47.0 5	23.0 5	14.0 5	9.5 4	7.1 4	4.6 4
1969	81.0 8	27.0 8	23.0 8	11.0 8	8.1 8	5.0 8	3.3 8	2.5 8	1.6 8
1970	171.0 7	106.0 7	47.0 7	28.0 7	18.0 6	11.0 6	8.2 6	6.2 6	4.1 6
1971	656.0 2	286.0 2	123.0 2	83.0 2	46.0 2	23.0 2	15.0 2	11.0 2	7.5 2
1972	450.0 4	225.0 4	106.0 4	50.0 4	33.0 3	17.0 3	11.0 3	8.6 3	5.7 3
1973	220.0 6	145.0 6	68.0 6	33.0 6	17.0 7	8.4 7	5.6 7	4.2 7	2.9 7
1974	1050.0 1	477.0 1	247.0 1	115.0 1	72.0 1	40.0 1	32.0 1	24.0 1	16.0 1
1975	434.0 5	269.0 3	115.0 3	54.0 3	27.0 4	14.0 4	9.0 5	6.8 5	4.4 5

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.08	0.41	0.33	0.00	0.00	0.08	0.00	0.00	0.13	6.56	22.3	7.87
4.24	0.46	0.87	0.00	0.00	0.05	0.00	0.00	0.15	94.7	322	102
2.06	0.68	0.94	0.00	0.00	0.23	0.00	0.00	0.39	9.73	17.9	10.1
1.69	1.52	2.83	****	****	3.00	****	****	3.00	1.61	0.85	1.32
1.91	1.66	2.83	****	****	3.00	****	****	3.00	1.48	0.80	1.28
2.78	1.06	0.85	0.00	0.00	0.19	0.00	0.00	0.33	16.9	57.6	20.3

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
3.05	4.31	2.07	2.04	0.68	-0.173

***** Skewness and coefficient of variation could not be computed owing to a zero-value month.

SULPHUR SPRING VALLEY

411

WHITewater DRAW BASIN

09537200 LESLIE CREEK NEAR McNEAL, AZ

LOCATION.--Lat 31°35'24", long 109°30'30", in SE 1/4 sec.20, T.21 S., R.28 E., Cochise County, Hydrologic Unit 15080301, on right bank 10 mi (16 km) east of McNeal.

DRAINAGE AREA.--79.1 mi² (204.9 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1970	345	08-10-70	4.77	1970	341
1971	1760	08-12-71	5.78	1971	1500
1972	314	07-15-72	4.54	1972	670
1973	255	10-20-72	4.43	1973	1030
1974	162	07-20-74	4.23	1974	240
1975	132	07-23-75	4.17	1975	129

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
1970								18	5	33	115	66	46	15	40	5	14	7										1									
1971				4	5	13	9	7	36	42	77	36	42	48	6	25			1	1	1	1	1	1			1		2	4	1	1					
1972											26	48	39	125	43	77	2	1	1	1	1	1					1										
1973												16	35	138	41	55	56	16	2					3	2								1				
1974					1	19	31	4	62	50	22	44	50	78	1				2		1																
1975		5	3	5	9	39	35	14	220	32		1							1					1													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2191	100.0	12	0.5	181	993	45.3	24	14	3	15	.6
1	0.01	5	2191	100.0	13	0.6	429	812	37.1	25	18	12	12	.5
2	0.02	3	2186	99.8	14	0.9	96	383	17.5	26	24	2	12	.5
3	0.03	9	2183	99.6	15	1.1	171	267	13.1	27	32	1	10	.4
4	0.04	15	2174	99.2	16	1.5	65	116	5.3	28	42	2	9	.4
5	0.05	71	2159	98.5	17	2.0	17	51	2.3	29	56	4	7	.3
6	0.07	93	2088	95.3	18	2.6	7	34	1.6	30	73	1	3	.1
7	0.09	30	1995	91.1	19	3.4	2	27	1.2	31	97	2	2	
8	0.10	351	1965	89.7	20	4.5	3	25	1.1	32				
9	0.20	239	1614	73.7	21	6.0	2	22	1.0	33				
10	0.30	191	1375	62.8	22	7.9	1	20	0.9	34				
11	0.40	191	1184	54.0	23	10.0	4	19	0.9					

SULPHUR SPRING VALLEY

WHITEMATER DRAW BASIN

09537200 LESLIE CREEK NEAR McNEAL, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1970	0.07 5	0.07 5	0.08 5	0.09 5	0.12 5	0.15 5	0.21 5	0.21 5	0.24 4
1971	0.03 3	0.03 3	0.04 3	0.05 3	0.06 3	0.09 3	0.13 3	0.18 3	0.25 5
1972	0.34 6	0.34 6	0.34 6	0.35 6	0.38 6	0.40 6	0.44 6	0.48 6	0.55 6
1973	0.40 7	0.40 7	0.40 7	0.42 7	0.46 7	0.53 7	0.60 7	0.67 7	0.76 7
1974	0.04 4	0.05 4	0.06 4	0.06 4	0.07 4	0.11 4	0.14 4	0.19 4	0.23 3
1975	0.01 2	0.01 2	0.01 2	0.02 2	0.04 2	0.05 2	0.06 2	0.08 2	0.10 2

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1970	26.0 4	9.0 4	4.0 4	2.0 4	1.1 4	0.9 4	0.8 4	0.7 4	0.6 4
1971	97.0 2	79.0 1	34.0 1	28.0 1	19.0 1	10.0 1	7.1 1	5.4 1	3.6 1
1972	34.0 3	13.0 3	6.0 3	3.3 3	2.1 3	1.5 3	1.3 3	1.2 3	1.0 3
1973	100.0 1	40.0 2	19.0 2	9.6 2	5.8 2	3.7 2	2.9 2	2.5 2	2.0 2
1974	5.3 6	1.9 6	0.9 6	0.8 6	0.8 5	0.7 5	0.7 5	0.6 5	0.6 5
1975	16.0 5	6.4 5	2.8 5	1.4 5	0.7 6	0.4 6	0.3 6	0.2 6	0.2 6

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.52	0.93	0.73	0.63	0.53	0.46	0.38	0.30	0.23	1.00	3.48	0.67
3.20	0.34	0.22	0.15	0.14	0.07	0.08	0.04	0.04	0.47	45.1	0.41
1.79	0.58	0.47	0.38	0.38	0.27	0.28	0.21	0.20	0.69	6.72	0.64
2.14	0.48	0.89	1.13	1.57	0.88	1.04	0.77	0.95	0.35	2.42	1.30
1.18	0.62	0.64	0.61	0.72	0.59	0.73	0.69	0.89	0.69	1.93	0.95
14.0	8.59	6.76	5.77	4.87	4.24	3.47	2.75	2.10	9.18	32.0	6.21

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.91	0.52	0.72	0.87	0.79	-0.205

SULPHUR SPRING VALLEY

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WHITewater DRAW BASIN

09537500 WHITewater DRAW NEAR DOUGLAS, AZ

LOCATION.--lat 31°21'08", long 109°35'04", in SW¼SE¼ sec.10, T.24 S., R.27 E., Cochise County, Hydrologic Unit 15080301, on downstream side of pier of bridge on U.S. Highway 80, 1.5 mi (2.4 km) upstream from international boundary and 2 mi (3 km) west of Douglas.

DRAINAGE AREA.--1,023 mi² (2,650 km²).

WATER YEAR	ANNUAL PEAK DISCH,CFS	DATE	CODES	GAGE HEIGHT OF ANNUAL PEAK,FT	WATER YEAR	TOTAL VOLUME, ACRE-FT
1916	1600	07-11-16			1919	26000
1917	720	08-09-17			1931	13400
1918	1050	07-15-18			1932	7870
1919	4050	07-27-19			1933	3360
1920	3400	11-23-19			1936	3880
1930	1700	09-07-30		9.11	1937	10600
1931	3450	08-10-31		12.15	1938	7760
1932	1800	07-31-32		9.54	1939	6340
1933	1730	09-20-33		9.36	1940	6190
1934	3100	08- -34		11.65	1941	5920
1935	2900	09-01-35		11.40	1942	4350
1936	2000	09-11-36	ES		1943	7870
1937	2770	08-19-37		10.30	1944	6420
1938	1990	08-07-38		9.29	1945	5130
1939	2690	08-05-39		10.25	1946	5450
1940	2750	06-24-40		10.26	1949	6250
1941	2750	09-29-41		10.27	1950	8420
1942	2300	09-13-42		9.85	1951	3950
1943	2750	06-30-43		10.34	1952	5590
1944	2190	08-16-44		9.78	1953	9080
1945	3100	07-31-45		11.16	1954	18700
1946	1440	10-09-45		9.27	1955	22400
1947	1580	07-08-47		9.33	1956	942
1948	3170	07-22-48		11.10	1957	5910
1949	1790	07-18-49		9.77	1958	7550
1950	3400	07-19-50		12.38	1959	16200
1951	1230	08-20-51		9.06	1960	30800
1952	1670	06-02-52		10.48	1961	1770
1953	2950	07-07-53		12.2	1962	879
1954	3680	08-09-54		13.2	1963	5610
1955	5060	08-07-55		14.66	1964	9600
1956	513	08-27-56		9.41	1965	3940
1957	2720	07-24-57		13.24	1966	9740
1958	1280	09-23-58		12.40	1967	7780
1959	2760	07-27-59		14.93	1968	4930
1960	676	07-31-60		10.92	1969	3880
1961	1380	07-29-61		13.45	1970	5350
1962	687	07-28-62		12.49	1971	10100
1963	1260	08-01-63		13.74	1972	7390
1964	1370	07-31-64		14.07	1973	1980
1965	1500	09-04-65		14.51	1974	3490
1966	3760	07-29-66		16.55	1975	5590
1967	2930	08-05-67		15.83		
1968	1280	09-01-68		12.45		
1969	1130	08-25-69		13.51		
1970	2260	08-17-70		15.66		
1971	1700	08-11-71		16.08		
1972	2540	08-13-72		4.98		
1973	800	07-11-73		2.37		
1974	936	08-02-74		7.84		
1975	1020	07-23-75		8.04		

ES Discharge estimated from another site.

WHITEWATER DRAW BASIN

09537500 WHITEWATER DRAW NEAR DOUGLAS, AZ--CONTINUED

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1919									60	118	108		2	18		2	2	1				3	1	3	2	6	5	2	1	15		4	1		
1931	4												244	47	5	10	8	8		6	5	4	4	6	3	2	4	4	1	1		1	2		
1932													5	47	179	72	14	9	5	5	6	3	4	2	2	3	4	1	3	1	1				
1933													41	90	178	20	6	5	6	8	1	5		1	1	1	1	1	1	1					
1936													9	150	130	38	21	1	3			1	1	5		1	1	1					1		
1937																20	3	6	1	1	1	3	1	1								2	2		
1938								2	7	22	55	80	89	64	20	11	7	6	2	6	4	4	4	5	1	4	2	1	1	2				1	
1939									1	3	5	74	191	38	11	4	8	1	5	4	3	1	2	4	2	1	4	1	1	1	1				
1940													55	172	77	16	11	3	3	3	3	3	5	7	2	2	2	1	2	1	1				
1941																19	1	2	3	4	4	2	5	5	2	2	2	2	1	1		1			
1942																17	4	6	2	4	2	3	8	3	4	2	2	2	1	1					
1943																23	1	6	3	3	4	1	4	1	5	1	3	1	1	3					
1944																3	1	5	1	1	4	1	2	2	2	4	1	1	1	1	1		1		
1945								8	33	49	37	148	26	15	4	11	8	5	4	2	1	4	3	2	1		1	1	1	1					
1946									11	20	41	163	62	9	8	2	7	4	5	4	5	7	3	3	1	4	3	1	1			1			
1949									12	85	88	80	34	8	4	4	6	6	8	3	5	5	2	3	3	1	3	1	1	2	1				
1950									38	64	58	91	65	8	4	4	5	4	4	4	4	2		1	2	2	1	5	1		4				
1951									36	68	82	128	14	2	6		2	3	3	6	2	1	2		1	3	2	2	1	1					
1952		9							61	108	90	27	22	6	3		6	7	8	2	2	1	3	3	2	2	2	2	2	1	1				
1953		79							108	104	11	14	8	2	3	1	4	3	1	3	2	4	2	2	2	2	1	6	2	2	1				
1954		139							128	15	3	21	7	2	1	2	3	4	2	5	4	2	3	7	2	3	3	1	1	2	2	1	2	1	1
1955		51							113	67	27	47	12	2	2	1	4	1	1	2		4	5	5	1	5	3	2	3	4	1		1	1	
1956		83							102	109	16	18	9	10	1	2	2	7	1		1	2	1	3	1		1	1							
1957		189							93	12	5	3	2	3	3	6	3	4	5	5	5	1	3	7	5	3	2	2	3						
1958		130							144	5	6	4	10	2	5	4	2	6	7	3	4	4	5	6	4	5	2	2	4		1				
1959		94							73	85	16	12	25	1	7	6	1	4	2	1	2	4	3	4	6	3	4	3	4	1	4				
1960		5							8	22	3	9	3	21	135	41	45	3	7	8	4	7	6	5	5	4	5	5	6	4	3	1		1	
1961		3	54	8	6	30	62	79	82	4	3	3	1	2	6		3	2	2	2	2	4	4		1	1	1	1							
1962		108	38	26	19	47	20	11	38	29	9	1	3	2	3	2	1	1	1	2	1			1	1	1	1	1							
1963		168	66	42	5	2	3	3	4	5	5	10	4	1	5	2	5	4	2	3	3	2	6	2	4	1	3	2	1	1	1				
1964		250	8	3		7	1	1	5	2	1	5	14	1	2	8	2	4	5	4	5	4	6	10	3	4	4	3	1	2	1				
1965		92						149	43	16	13	8	3	3	4	2	8	6	4	2	2	1	2	2		1	1	2		1					
1966		141						91	42	5	10	6	7	5	9	2	3	5	2	10	6	4	1	5	1	2	3	1	1	2			1		
1967		76	17	3	2	8	16	6	92	18	33	26	2	2	3	5	2	4	6	6	6	7	4	7	4	4	1	1	1						
1968		35	5	10	16	13	6	63	82	37	18	11	8	4	9	6	8	4	5	4	4	3	5	1	4	2	2	1	1						
1969		141	33	10	25	35	29	11	14	5	7	4	7	2	6	5	6	4	3	2	2	3	2	2	5	1	1		1						
1970		181	24	28	7	13	6	4	20	14	8	5	7	7	5	3	5	3	3	2	3	4	3	1	4	1		3			1				
1971		295			1			5	2		7	6	3	1		2	6	2	4	4	3	3	2	3	5	4	1		3	1	2				
1972		274			3			5	12	8	13		14		5	2	6		5		1	3	1	3	3	1	1	2	1	2	1				
1973		237						46	16	36	4		5		2		5		7		1		1	3		1	1								
1974		304	1	1		1	1	1	2	4	1	3	3	5	7	7	2	1	1	4	2	4	3	3	3	1	1	1		1	1				
1975		278	1					5	3	7	5	10	3	4	8	3	4	1	2	6	5	4	3	3	3	1	1	2	1	1					

CLASS	VALUE	TOTAL	ACCOM	PERCT	CLASS	VALUE	TOTAL	ACCOM	PERCT	CLASS	VALUE	TOTAL	ACCOM	PERCT
0	0.00	3366	15340	100.0	12	0.9	1299	4190	27.3	24	75	101	458	2.9
1	0.01	247	11974	78.1	13	1.2	573	2891	18.8	25	110	81	357	2.3
2	0.02	122	11727	76.4	14	1.8	933	2318	15.1	26	160	85	276	1.7
3	0.03	74	11605	75.7	15	2.6	199	1785	11.6	27	230	51	191	1.2
4	0.04	163	11531	75.2	16	3.8	242	1586	10.3	28	330	57	140	.9
5	0.06	151	11368	74.1	17	5.5	133	1344	8.8	29	480	40	83	.5
6	0.09	43	11217	73.1	18	8.0	145	1211	7.9	30	700	27	43	.2
7	0.10	1554	11174	72.8	19	12.0	126	1066	6.9	31	1000	12	16	.1
8	0.20	1233	9620	62.7	20	17.0	134	940	6.1	32	1500	2	4	
9	0.30	908	8387	54.7	21	25.0	117	806	5.3	33	2100	2	2	
10	0.40	1475	7479	48.8	22	36.0	123	689	4.5	34				
11	0.60	1814	6004	39.1	23	52.0	108	566	3.7					

SULPHUR SPRING VALLEY

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WHITewater DRAW BASIN

09537500 WHITewater DRAW NEAR DOUGLAS, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	14	30	60	90	120	183
1919	0.20 34	0.20 35	0.20 31	0.20 31	0.20 31	0.20 26	0.34 29	0.35 28	0.44 28
1931	0.00 1	0.00 1	0.86 42	1.00 42	1.00 42	1.00 42	1.19 43	1.30 41	2.40 42
1932	0.70 43	0.83 43	0.93 43	1.00 43	1.00 43	1.10 43	1.10 41	1.30 42	1.40 41
1933	0.60 42	0.63 42	0.69 41	0.71 41	0.88 41	0.95 41	0.99 40	1.10 40	1.19 40
1936	0.50 41	0.50 41	0.50 40	0.54 40	0.60 40	0.60 38	0.63 36	0.70 38	0.80 37
1937	0.10 27	0.17 32	0.29 34	0.32 33	0.38 33	0.49 33	0.56 34	0.58 32	0.73 35
1938	0.30 36	0.37 39	0.40 38	0.46 39	0.49 38	0.53 36	0.67 39	0.71 39	0.76 36
1939	0.10 28	0.17 33	0.23 32	0.36 37	0.46 37	0.53 37	0.55 33	0.60 34	0.62 29
1940	0.40 40	0.40 40	0.41 39	0.46 38	0.55 39	0.63 39	0.64 37	0.68 37	0.98 39
1941	0.30 37	0.30 36	0.30 35	0.34 35	0.39 35	0.52 35	0.65 38	0.64 35	0.72 33
1942	0.30 38	0.30 37	0.30 36	0.34 36	0.45 36	0.49 34	0.58 35	0.58 33	0.73 34
1943	0.30 39	0.30 38	0.30 37	0.32 34	0.38 34	0.43 32	0.48 32	0.57 31	0.64 31
1944	0.20 35	0.20 34	0.23 33	0.27 32	0.34 32	0.41 31	0.45 31	0.51 30	0.63 30
1945	0.10 29	0.10 27	0.10 26	0.15 29	0.19 30	0.23 28	0.26 27	0.67 36	0.71 32
1946	0.10 30	0.10 28	0.11 29	0.12 27	0.18 29	0.26 30	0.31 28	0.34 27	0.41 26
1949	0.10 31	0.10 29	0.14 30	0.17 30	0.17 27	0.19 25	0.22 25	0.23 24	0.44 27
1950	0.10 32	0.10 30	0.10 27	0.10 25	0.11 24	0.16 24	0.19 24	0.25 26	0.33 23
1951	0.10 33	0.10 31	0.10 28	0.12 28	0.18 28	0.24 29	0.37 30	0.39 29	0.39 25
1952	0.00 2	0.00 2	0.03 24	0.06 24	0.16 25	0.21 27	0.23 26	0.23 25	0.30 22
1953	0.00 3	0.00 3	0.00 1	0.00 1	0.00 1	0.00 1	0.02 14	0.09 21	0.18 20
1954	0.00 4	0.00 4	0.00 2	0.00 2	0.00 2	0.02 20	0.02 15	0.03 13	0.07 12
1955	0.00 5	0.00 5	0.00 3	0.00 3	0.00 3	0.02 21	0.05 21	0.06 17	0.11 15
1956	0.00 6	0.00 6	0.00 4	0.00 4	0.00 4	0.01 17	0.04 19	0.06 18	0.11 16
1957	0.00 7	0.00 7	0.00 5	0.00 5	0.00 5	0.05 23	0.04 20	0.06 19	0.11 17
1958	0.00 8	0.00 8	0.00 6	0.00 6	0.01 22	0.03 22	0.06 22	0.07 20	0.21 21
1959	0.00 9	0.00 9	0.00 7	0.00 7	0.00 6	0.00 2	0.01 11	0.03 14	0.08 14
1960	0.00 10	0.00 10	0.07 25	0.11 26	0.16 26	0.77 40	1.19 42	1.40 43	5.20 43
1961	0.00 11	0.00 11	0.01 23	0.01 23	0.01 23	0.02 18	0.03 18	0.04 15	0.07 13
1962	0.00 12	0.00 12	0.00 8	0.00 8	0.00 7	0.00 3	0.00 1	0.01 9	0.12 18
1963	0.00 13	0.00 13	0.00 9	0.00 9	0.00 8	0.00 4	0.00 2	0.00 1	0.00 1
1964	0.00 14	0.00 14	0.00 10	0.00 10	0.00 9	0.00 5	0.00 3	0.00 2	0.00 2
1965	0.00 15	0.00 15	0.00 11	0.00 11	0.00 10	0.00 6	0.02 16	0.04 16	0.34 24
1966	0.00 16	0.00 16	0.00 12	0.00 12	0.00 11	0.00 7	0.03 17	0.02 10	0.04 9
1967	0.00 17	0.00 17	0.00 13	0.00 13	0.00 12	0.00 8	0.01 12	0.02 11	0.05 10
1968	0.00 18	0.00 18	0.00 14	0.00 14	0.00 13	0.02 19	0.07 23	0.13 22	0.17 19
1969	0.00 19	0.00 19	0.00 15	0.00 15	0.00 14	0.00 9	0.00 4	0.00 3	0.01 8
1970	0.00 20	0.00 20	0.00 16	0.00 16	0.00 15	0.00 10	0.02 13	0.02 12	0.07 11
1971	0.00 21	0.00 21	0.00 17	0.00 17	0.00 16	0.00 11	0.00 5	0.00 4	0.00 3
1972	0.00 22	0.00 22	0.00 18	0.00 18	0.00 17	0.00 12	0.00 6	0.00 5	0.00 4
1973	0.00 23	0.00 23	0.00 19	0.00 19	0.00 18	0.00 13	0.00 7	0.13 23	0.83 38
1974	0.00 24	0.00 24	0.00 20	0.00 20	0.00 19	0.00 14	0.00 8	0.00 6	0.00 5
1975	0.00 25	0.00 25	0.00 21	0.00 21	0.00 20	0.00 15	0.00 9	0.00 7	0.00 6

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1	3	7	15	30	60	90	120	183
1919	1400.0 4	1030.0 1	639.0 2	400.0 3	356.0 2	265.0 1	163.0 1	107.0 1	70.0 1
1931	1390.0 5	626.0 6	462.0 6	238.0 8	168.0 6	99.0 6	68.0 6	52.0 5	34.0 6
1932	624.0 23	463.0 15	261.0 14	143.0 16	85.0 18	51.0 17	35.0 17	27.0 17	18.0 17
1933	436.0 35	173.0 37	76.0 38	37.0 38	21.0 38	16.0 38	14.0 37	11.0 37	7.4 37
1936	1000.0 10	367.0 21	160.0 25	79.0 31	40.0 34	21.0 36	14.0 36	11.0 36	7.2 38
1937	1130.0 9	1000.0 13	614.0 13	295.0 6	162.0 7	85.0 7	57.0 7	43.0 7	28.0 7
1938	1150.0 8	497.0 13	236.0 17	121.0 19	83.0 19	50.0 18	34.0 18	25.0 18	17.0 18
1939	644.0 22	275.0 29	130.0 32	69.0 35	56.0 26	36.0 25	31.0 22	24.0 22	16.0 22
1940	511.0 34	274.0 30	131.0 31	73.0 34	45.0 32	36.0 26	29.0 28	23.0 23	16.0 23
1941	889.0 13	428.0 17	184.0 22	86.0 25	53.0 28	30.0 31	31.0 23	23.0 24	15.0 24
1942	684.0 21	260.0 32	123.0 33	64.0 36	36.0 37	29.0 32	20.0 34	15.0 34	10.0 31
1943	549.0 31	213.0 35	148.0 27	114.0 20	89.0 14	57.0 15	42.0 14	31.0 14	21.0 15
1944	874.0 15	531.0 12	324.0 11	154.0 15	86.0 16	50.0 19	34.0 19	25.0 19	17.0 19
1945	891.0 12	314.0 26	171.0 24	108.0 22	59.0 23	31.0 29	21.0 30	16.0 29	11.0 29
1946	830.0 17	356.0 22	156.0 26	74.0 32	37.0 36	23.0 35	17.0 35	13.0 35	8.4 35
1949	622.0 24	382.0 20	203.0 20	126.0 18	72.0 20	40.0 23	33.0 20	25.0 20	17.0 20
1950	618.0 26	585.0 18	374.0 9	209.0 10	131.0 11	68.0 12	46.0 12	34.0 12	23.0 12
1951	416.0 36	168.0 38	116.0 36	64.0 37	48.0 30	31.0 30	21.0 31	16.0 30	10.0 32
1952	528.0 33	291.0 27	180.0 23	93.0 24	57.0 24	33.0 27	30.0 24	23.0 25	15.0 25
1953	710.0 20	327.0 24	258.0 15	163.0 13	149.0 9	75.0 10	50.0 11	38.0 11	25.0 11
1954	1610.0 13	1030.0 2	664.0 1	442.0 1	292.0 3	156.0 3	105.0 3	78.0 3	51.0 3
1955	2330.0 1	900.0 4	552.0 5	435.0 2	359.0 1	187.0 2	124.0 2	93.0 2	61.0 2
1956	160.0 42	67.0 42	29.0 42	14.0 42	9.3 42	7.1 41	4.6 41	3.6 41	2.4 41
1957	304.0 38	205.0 36	122.0 34	81.0 28	55.0 27	47.0 20	32.0 21	25.0 21	16.0 21
1958	606.0 27	317.0 25	138.0 29	79.0 29	61.0 22	52.0 16	41.0 15	31.0 15	21.0 13
1959	918.0 11	646.0 7	384.0 8	356.0 4	229.0 4	134.0 5	90.0 5	68.0 5	44.0 5
1960	2140.0 2	870.0 5	562.0 4	327.0 5	226.0 5	139.0 4	100.0 4	75.0 4	50.0 4
1961	188.0 41	109.0 48	47.0 40	22.0 40	20.0 39	14.0 39	9.3 39	7.0 39	4.6 39
1962	206.0 40	105.0 41	47.0 41	22.0 41	11.0 41	6.6 42	4.4 42	3.3 42	2.2 42
1963	550.0 30	333.0 23	191.0 21	100.0 23	57.0 25	44.0 21	30.0 25	22.0 26	15.0 26
1964	732.0 19	480.0 14	237.0 16	168.0 12	118.0 12	72.0 11	53.0 10	40.0 9	26.0 9
1965	619.0 25	279.0 31	121.0 35	73.0 33	39.0 35	27.0 33	21.0 32	16.0 31	10.0 33
1966	1160.0 7	691.0 6	358.0 10	246.0 7	133.0 10	79.0 9	54.0 9	40.0 10	26.0 10
1967	1260.0 6	607.0 9	313.0 12	189.0 11	116.0 13	63.0 13	43.0 13	32.0 13	21.0 14
1968	546.0 32	288.0 28	147.0 28	79.0 30	48.0 33	20.0 37	15.0 36	11.0 36	7.5 36
1969	416.0 37	242.0 34	132.0 30	85.0 26	50.0 29	32.0 28	22.0 29	16.0 32	11.0 30
1970	888.0 14	437.0 16	209.0 19	158.0 14	86.0 17	44.0 22	30.0 26	22.0 27	15.0 27
1971	832.0 16	566.0 11	416.0 7	231.0 9	153.0 8	84.0 8	57.0 8	42.0 8	28.0 8
1972	734.0 18	405.0 19	271.0 13	136.0 17	88.0 15	60.0 14	40.0 16	30.0 16	20.0 16
1973	300.0 39	150.0 39	66.0 39	31.0 39	16.0 40	8.2 40	5.5 40	4.2 40	3.5 40
1974	587.0 28	253.0 33	114.0 37	83.0 27	47.0 31	24.0 34	20.0 33	15.0 33	9.6 34
1975	585.0 29	410.0 18	211.0 18	112.0 21	55.0 21	37.0 24	29.0 27	22.0 28	14.0 28

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
4.31	2.18	2.79	2.24	0.71	0.60	0.47	0.37	2.45	44.3	57.6	15.7
87.9	79.8	50.0	124	2.24	0.71	0.37	0.26	36.3	3326	3610	264
9.38	8.93	7.07	11.1	1.50	0.84	0.60	0.51	6.03	57.7	60.1	16.2
3.55	6.33	3.96	6.53	4.61	3.24	2.04	1.86	3.25	3.44	1.57	1.17
2.18	4.10	2.54	4.97	2.10	1.40	1.28	1.40	2.46	1.30	1.04	1.04
3.22	1.63	2.08	1.67	0.53	0.45	0.35	0.28	1.83	33.1	43.1	11.7

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
11.1	76.5	8.75	2.06	0.79	0.189

