09180500 COLORADO RIVER NEAR CISC0, UT

LOCATION.--Lat 38°48'38", long 109°17'34", in NW$^1/_4$NW$^1/_4$ sec. 17, T. 23 S., R. 24 E., Grand County, Hydrologic Unit 14030005, on left bank 1 mi downstream from Dolores River, 11 mi south of Cisco, 36 mi downstream from Colorado-Utah State line, 97 mi upstream from Green River, and 235 mi upstream from San Juan River, at mile 1,022.3 from Arizona-Sonora.

DRAINAGE AREA.--24,100 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1895 to current year (1895 to 1910, calendar-year estimates only). Monthly discharge only for some periods, published in WSP 1313. Published as Grand River near Moab, October 1913 to November 1914, and as Grand River near Cisco, November 1914 to September 1917.

REVISED RECORDS.--WSP 918: 1913, 1937. WSP 1313: 1918-22.

GAGE.--Water-stage recorder. Elevation of gage is 4,090 ft above sea level, from river-profile map. Prior to November 10, 1914, several staff and chain gages at bridge near Moab, 31 mi downstream at datum, 3,937.73 ft above mean sea level.

REMARKS.--Records good. Diversions above station for irrigation and power, including several transmountain diversions. Flow regulated by Blue Mesa Reservoir since November 27, 1965.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 76,800 ft^3/s, Jun 19, 1917, gage height, 19.7 ft; minimum recorded, 558 ft^3/s, Jul 21, 1934, gage height, 0.44 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood on Jul 4, 1884 reached a discharge of about 125,000 ft^3/s, from flood record at Fruita, Colorado.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 26,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
May 19	0545	*14,000	*6.60				

Minimum discharge, 2,230 ft^3/s, Jan 17, 18.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3440	4310	3200	2780	e2400	2640	3130	7200	10600	4070	2730	3660
2	3350	4210	3230	2860	e2420	2570	3140	7470	10600	3910	2860	3790
3	3280	3970	3070	2790	2410	2540	3090	8350	10900	3810	3050	3810
4	3140	4010	3060	2680	2480	2560	3350	8720	10900	3600	3670	3690
5	3040	3780	3020	e2680	2540	2530	3590	7910	10100	3400	3660	3570
6	3330	3870	3010	2680	2580	2500	3980	7480	8750	3310	3730	3470
7	3380	4040	2960	2670	2590	2540	4040	7190	7800	3200	3500	3410
8	3400	3780	3030	e2670	2720	2530	3950	6670	7900	3230	3630	3370
9	3340	3440	3010	e2450	2810	2680	3860	6130	8250	3320	4490	3480
10	3290	3370	3100	2370	2640	2770	3630	5920	8220	3370	4570	3700
11	3340	3450	3140	2400	2540	3020	3400	6390	8330	4350	4590	3780
12	3450	3350	3170	2690	2530	3140	3390	6880	8110	3990	4030	3780
13	3530	3340	3100	2790	2550	3040	3390	7870	7690	3690	3710	3810
14	3590	3340	3020	2760	2560	2720	3420	9190	7230	3580	3670	4050
15	3620	3200	3070	2710	2620	2760	3190	11100	7070	4390	4160	3940
16	3580	3130	3070	2600	2620	2690	2970	12200	6000	5350	4320	3770
17	3670	3220	3020	e2510	2580	2680	3170	12900	5300	5220	4400	3650
18	3600	3190	2770	e2600	2530	2740	3650	13700	4930	4620	4000	3950
19	3620	3040	2590	e2500	2510	2740	4030	13700	4890	3950	3740	3960
20	3440	3100	2690	e2530	2550	2720	4600	13600	4840	3430	3520	4040
21	3400	3270	e2700	e2550	2610	2670	5150	13500	4790	3170	3470	3960
22	3440	3150	e2850	e2530	2640	2800	5300	12800	4730	2970	4200	3810
23	3480	3380	2940	e2620	2730	2830	4750	10900	4710	2750	4770	3600
24	3720	3410	2970	2630	2770	3160	4260	9810	4670	2570	4750	3430
25	3980	3350	3040	2610	2680	3390	3850	9990	4480	2540	4470	3400
26	4150	3270	2990	2710	2600	3440	3620	10700	4520	2530	4180	3260
27	3990	3300	2960	2680	2590	3560	3860	11000	4610	2770	3950	3120
28	3930	3260	2780	2690	2610	3560	4630	10800	4900	2910	3740	3070
29	3860	3330	2650	2630	---	3520	5930	11200	4960	2950	3510	3030
30	3920	3290	2610	2630	---	3420	6990	11300	4360	2810	3360	2980
31	4080	---	2650	2480	---	3250	---	10600	---	2700	3370	---
TOTAL	110380	104150	91470	81480	72410	89710	119310	303170	205140	108460	119800	108340
MEAN	3561	3472	2951	2628	2586	2894	3977	9780	6838	3499	3865	3611
MAX	4150	4310	3230	2860	2810	3560	6990	13700	10900	5350	4770	4050
MIN	3040	3040	2590	2370	2400	2500	2970	5920	4360	2530	2730	2980
AC-FT	218900	206600	181400	161600	143600	177900	236700	601300	406900	215100	237600	214900

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1914 - 2001, BY WATER YEAR (WY)

MEAN	4034	3847	3322	3114	3278	3845	8318	19380	22070	9046	4345	3732
MAX	9416	7601	6588	6371	6326	8412	22590	42090	55530	31750	11400	11330
(WY)	1942	1987	1987	1985	1985	1985	1942	1984	1917	1957	1984	1929
MIN	1353	1730	2044	1900	2015	2009	1638	2322	2820	1057	1017	1078
(WY)	1935	1935	1940	1937	1935	1977	1977	1977	1977	1934	1934	1934

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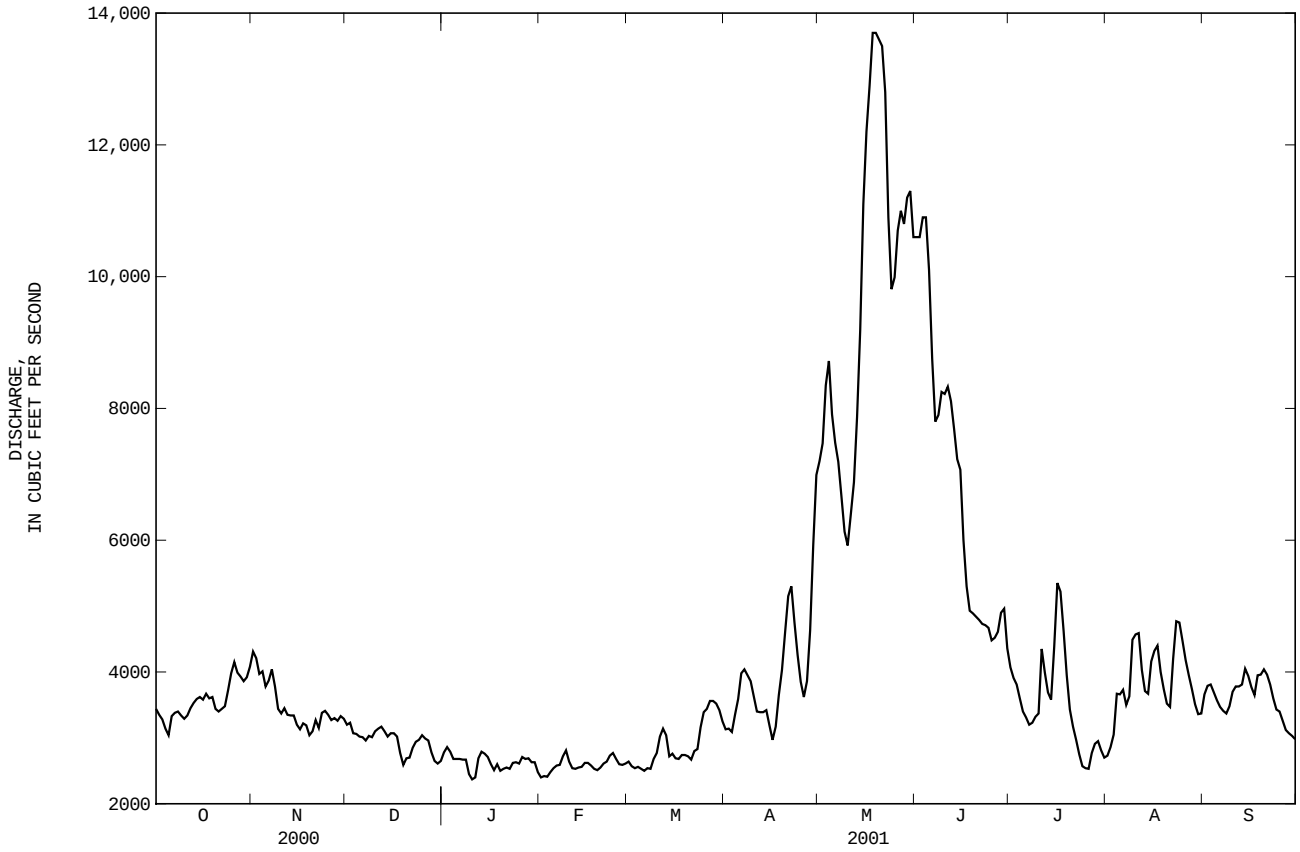
SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1914 - 2001	
ANNUAL TOTAL	1817610		1513820			
ANNUAL MEAN	4966		4147		7368	
HIGHEST ANNUAL MEAN					14930	1984
LOWEST ANNUAL MEAN					2631	1977
HIGHEST DAILY MEAN	17500	May 31	13700	May 18	73200	Jun 19 1917
LOWEST DAILY MEAN	2590	Dec 19	2370	Jan 10	640	Jul 21 1934
ANNUAL SEVEN-DAY MINIMUM	2790	Dec 18	2470	Jan 31	736	Jul 15 1934
ANNUAL RUNOFF (AC-FT)	3605000		3003000		5338000	
10 PERCENT EXCEEDS	9720		7470		18400	
50 PERCENT EXCEEDS	3620		3400		3920	
90 PERCENT EXCEEDS	3050		2600		2260	

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