09234500 GREEN RIVER NEAR GREENDALE, UT

LOCATION.--Lat 40°54'30", long 109°25'20", in NW$^1/_4$NW$^1/_4$SE$^1/_4$ sec. 15. T. 2 N., R. 22 E., Daggett County, Hydrologic Unit 14040106, Ashley National Forest on right bank 0.5 mi downstream from Flaming Gorge Dam, 2 mi south of Dutch John, 4 mi northeast of Greendale, and 407 mi from mouth.

DRAINAGE AREA.--19,350 mi^2, approximately, including about 4,260 mi^2 which is probably noncontributing. This noncontributing area includes 3,959 mi^2 in Great Divide Basin in southern Wyoming.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1950 to current year.

REVISED RECORDS.--WDR UT-76-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 5,594.48 ft above sea level. Prior to Sept. 2, 1959, water-stage recorder at site 2.2 mi upstream at different datum. Sept. 3, 1959, to Sept. 30, 1985, at datum 5.0 ft lower.

REMARKS.-- Records good. Flow completely regulated by Flaming Gorge Reservoir 0.5 mi upstream, beginning Nov. 1, 1962.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 19,600 ft$^3/_s$ June 12, 1957, gage height, 10.60 ft, site and datum then in use; maximum gage height, 14.51 ft May 12, June 6, 1986, datum then in use; minimum, 2.3 ft$^3/_s$ Mar. 20, 22, 27, 28, 1963.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 8,560 ft$^3/_s$ June 16, gage height, 14.76 ft; minimum daily discharge, 1380 ft$^3/_s$ Aug. 15, 16, 18.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1720	2010	1930	1930	2830	2830	4600	4630	4540	4640	1610	1910
2	1700	2000	1920	1940	2830	2830	4600	4640	4540	4420	1620	1910
3	1710	2010	1960	1930	2810	2830	4600	4640	4540	4420	1620	1900
4	1710	2370	1940	1940	2820	2830	4600	4630	4540	4420	1620	1900
5	1720	2310	1960	1940	2750	2830	4600	4640	4540	4420	1620	1990
6	1710	2310	1940	1940	2810	2830	4600	4640	4540	4410	1410	1990
7	1710	2250	1940	1940	2810	2830	4390	4640	4550	4400	1400	1990
8	1710	2030	1930	1940	2840	2830	4620	4650	4550	4400	1390	1990
9	1710	2000	1940	1940	2810	2830	4620	4650	4550	4400	1440	2060
10	1710	2000	1940	1930	2780	2830	4620	4650	4550	4400	1390	2070
11	1710	2260	2000	1930	2820	2840	4620	4650	4550	4080	1410	2060
12	1730	2240	2000	1940	2820	2850	4630	4650	4540	3700	1440	2060
13	1720	2230	2020	1930	2820	2840	4630	4650	4530	3300	1390	2320
14	1720	2230	1970	1920	2820	2850	4630	4650	4520	2950	1420	2320
15	1720	2010	1980	1920	2820	2850	4640	4650	4490	2550	1380	2320
16	1710	1990	1980	1920	2820	2840	4650	4650	6540	2210	1380	2320
17	1710	1990	1980	1930	2820	2840	4280	4650	8420	1900	1390	2320
18	1700	1990	2230	1920	2820	2850	4230	4650	8370	1630	1380	1970
19	1700	1990	2240	1920	2820	2840	2480	4650	8290	1620	1410	1930
20	1720	1990	1990	1920	2830	2840	2480	4660	8140	1620	1430	2060
21	1720	1950	1990	1930	2830	2840	2330	4650	6910	1620	1920	2060
22	1720	1940	1990	1930	2830	3100	1960	4610	3910	1620	1900	2070
23	1710	1940	1990	1930	2830	3390	4270	4600	3960	1620	1900	2070
24	1700	1940	1990	1930	2810	3700	4640	4600	3950	1420	1900	2070
25	1690	1940	1990	2190	2810	4040	4600	4600	3930	1420	1900	2070
26	1720	1930	1990	1920	2820	4460	4640	4590	3950	1420	1900	2070
27	1690	1930	1990	1870	2820	4650	4640	4590	4280	1410	1900	2070
28	1700	1930	1810	1860	2820	4610	4640	5690	4770	1410	1920	2070
29	1680	1930	1930	1850	---	4590	4640	6680	4990	1610	1910	1990
30	1810	1930	1930	2180	---	4600	4640	6140	5110	1620	1910	1940
31	1930	---	1930	2490	---	4600	---	4550	---	1610	1910	---
TOTAL	53320	61570	61320	60700	78870	101320	128120	148220	153590	86670	50120	61870
MEAN	1720	2052	1978	1958	2817	3268	4271	4781	5120	2796	1617	2062
MAX	1930	2370	2240	2490	2840	4650	4650	6680	8420	4640	1920	2320
MIN	1680	1930	1810	1850	2750	2830	1960	4550	3910	1410	1380	1900
AC-FT	105800	122100	121600	120400	156400	201000	254100	294000	304600	171900	99410	122700

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 1997, BY WATER YEAR (WY)

MEAN	1881	2042	2254	2191	2167	1786	1930	2424	2453	2382	2046	1906
MAX	3911	3655	3626	4145	4090	3818	4271	7146	7961	10130	5056	3729
(WY)	1983	1983	1973	1985	1984	1977	1997	1986	1983	1983	1983	1983
MIN	128	312	743	903	773	599	587	984	916	474	497	734
(WY)	1964	1964	1964	1971	1971	1964	1964	1990	1992	1965	1965	1965

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1964 - 1997	
ANNUAL TOTAL	912570		1045690			
ANNUAL MEAN	2493		2865		2122	
HIGHEST ANNUAL MEAN					4270	1983
LOWEST ANNUAL MEAN					1044	1989
HIGHEST DAILY MEAN	4770	May 22	8420	Jun 17	12300	Jul 16 1983
LOWEST DAILY MEAN	1330	Jul 27	1380	Aug 15	90	Oct 8 1963
ANNUAL SEVEN-DAY MINIMUM	1350	Jul 22	1390	Aug 13	112	Oct 2 1963
ANNUAL RUNOFF (AC-FT)	1810000		2074000		1537000	
10 PERCENT EXCEEDS	4660		4640		3780	
50 PERCENT EXCEEDS	2280		2180		1820	
90 PERCENT EXCEEDS	1510		1690		891	