



Water-Data Report UT-2005

09217000 GREEN RIVER NEAR GREEN RIVER, WY

Green River Basin

LOCATION.--Lat 41°30'59", long 109°26'54" (NAD 27), in NW1/4 NE1/4 NE1/4 sec.26, T.18 N., R.107 W., Sweetwater County, Hydrologic Unit 14040106, on right bank 0.1 mi downstream from Bitter Creek, 1.0 mi southeast of town of Green River, and 4.0 mi upstream from high-water line of Flaming Gorge Reservoir.

DRAINAGE AREA.--14,000 mi², of which 4,260 mi², including 3,959 mi² in Great Divide Basin in southern Wyoming, probably is noncontributing.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1951 to current year.

REVISED RECORDS.--WSP 1713: 1957. WDR-76-2: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 6,060 ft above NGVD of 1929, from topographic map. U.S. Geological Survey data collection platform with satellite telemetry at station.

REMARKS.--Records good to fair except those for estimated daily discharges, which are poor. Some regulation by Fontenelle Reservoir since August 1963. Natural flow of stream affected by transbasin diversions, storage reservoirs, power generation, and diversions for irrigation of about 223,000 acres upstream from station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge observed, 22,200 ft³/s, June 19, 1918, at site 1.5 mi upstream.

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09217000 GREEN RIVER NEAR GREEN RIVER, WY—Continued

**DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,010	924	1,070	e1,150	e1,230	e1,160	1,330	1,670	5,560	3,720	1,170	1,150
2	965	917	e1,100	e1,160	e1,210	e1,140	1,490	1,590	5,920	3,620	1,180	1,110
3	950	938	e1,100	e1,170	e1,170	e1,150	1,480	1,550	6,510	3,580	1,220	1,060
4	947	967	e1,100	e1,210	e1,150	e1,160	1,460	1,530	6,510	3,560	1,210	1,060
5	945	969	e1,050	e1,200	e1,150	e1,180	1,470	1,520	6,460	3,550	1,200	1,060
6	942	976	e1,050	e1,200	e1,180	e1,190	1,460	1,590	6,390	3,230	1,210	1,060
7	937	962	e1,080	e1,210	e1,190	e1,200	1,450	1,610	6,430	2,970	1,200	1,050
8	925	956	e1,100	e1,200	e1,180	e1,250	1,260	1,560	6,400	2,960	1,190	1,050
9	870	995	e1,100	e1,200	e1,200	e1,350	1,190	1,540	6,370	2,930	1,190	1,060
10	869	1,110	e1,100	e1,200	e1,220	e1,400	1,170	1,560	6,450	2,920	1,190	1,080
11	860	991	e1,100	e1,200	e1,260	e1,510	1,160	1,600	6,410	2,940	1,220	1,050
12	860	1,020	e1,100	e1,220	e1,250	e1,620	1,190	1,640	6,370	2,710	1,200	1,050
13	860	1,010	e1,100	e1,250	e1,210	2,030	1,240	1,560	6,240	2,300	1,180	1,070
14	899	1,000	e1,100	e1,240	e1,260	1,990	1,240	1,530	6,290	1,940	1,190	1,060
15	879	1,000	e1,100	e1,200	e1,200	1,620	1,240	1,560	6,440	1,690	1,180	1,030
16	883	992	e1,070	e1,200	e1,190	1,360	1,250	1,560	5,940	1,660	1,180	1,020
17	884	997	e1,040	e1,200	e1,180	1,300	1,250	1,570	5,320	1,630	e1,200	1,020
18	897	983	e1,050	e1,200	e1,190	1,240	1,250	1,570	5,050	1,620	e1,220	1,020
19	897	1,010	e1,050	e1,220	e1,200	1,230	1,330	1,760	4,990	1,560	e1,230	1,020
20	908	1,030	e1,050	e1,250	e1,200	1,240	1,380	2,120	4,820	1,430	e1,260	1,040
21	968	1,020	e1,100	e1,300	e1,200	1,240	1,370	2,250	5,090	1,360	e1,260	996
22	1,040	1,050	e1,030	e1,260	e1,220	1,350	1,370	2,240	5,190	1,350	e1,270	1,040
23	1,010	1,060	e1,040	e1,240	e1,240	1,490	1,360	2,240	e4,570	1,350	e1,250	1,010
24	1,030	1,070	e1,050	e1,240	e1,270	1,440	1,430	2,530	e4,380	1,360	e1,230	1,000
25	975	1,100	e1,000	e1,250	e1,250	1,350	1,490	3,160	e4,370	1,370	1,210	992
26	951	1,140	e1,050	e1,200	e1,240	1,260	1,390	3,740	e4,380	1,370	1,190	985
27	934	1,140	e1,100	e1,210	e1,210	1,210	1,440	4,370	e4,490	1,350	1,170	981
28	960	1,160	e1,100	e1,250	e1,220	1,270	1,570	5,240	e4,200	1,290	1,180	984
29	963	1,220	e1,120	e1,250	---	1,340	1,530	5,270	e3,860	1,220	1,180	981
30	943	1,160	e1,150	e1,250	---	1,240	1,690	5,420	3,740	1,170	1,180	973
31	955	---	e1,150	e1,250	---	1,230	---	5,510	---	1,190	1,170	---
TOTAL	28,916	30,867	33,500	37,780	33,870	41,740	40,930	74,160	165,140	66,900	37,310	31,062
MEAN	933	1,029	1,081	1,219	1,210	1,346	1,364	2,392	5,505	2,158	1,204	1,035
MAX	1,040	1,220	1,150	1,300	1,270	2,030	1,690	5,510	6,510	3,720	1,270	1,150
MIN	860	917	1,000	1,150	1,150	1,140	1,160	1,520	3,740	1,170	1,170	973
AC-FT	57,350	61,220	66,450	74,940	67,180	82,790	81,180	147,100	327,600	132,700	74,000	61,610

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2005, BY WATER YEAR (WY)

MEAN	951	848	741	761	828	1,035	1,589	2,498	4,616	3,099	1,521	1,107
MAX	3,109	1,844	1,419	1,442	1,980	1,852	3,416	5,665	11,700	9,415	3,577	7,746
(WY)	(1983)	(1984)	(1972)	(1996)	(1974)	(1974)	(1962)	(1952)	(1986)	(1986)	(1982)	(1965)
MIN	279	281	272	266	267	350	516	434	414	368	372	251
(WY)	(1989)	(1989)	(1989)	(1989)	(1989)	(1989)	(1968)	(1992)	(1977)	(1977)	(1977)	(1988)

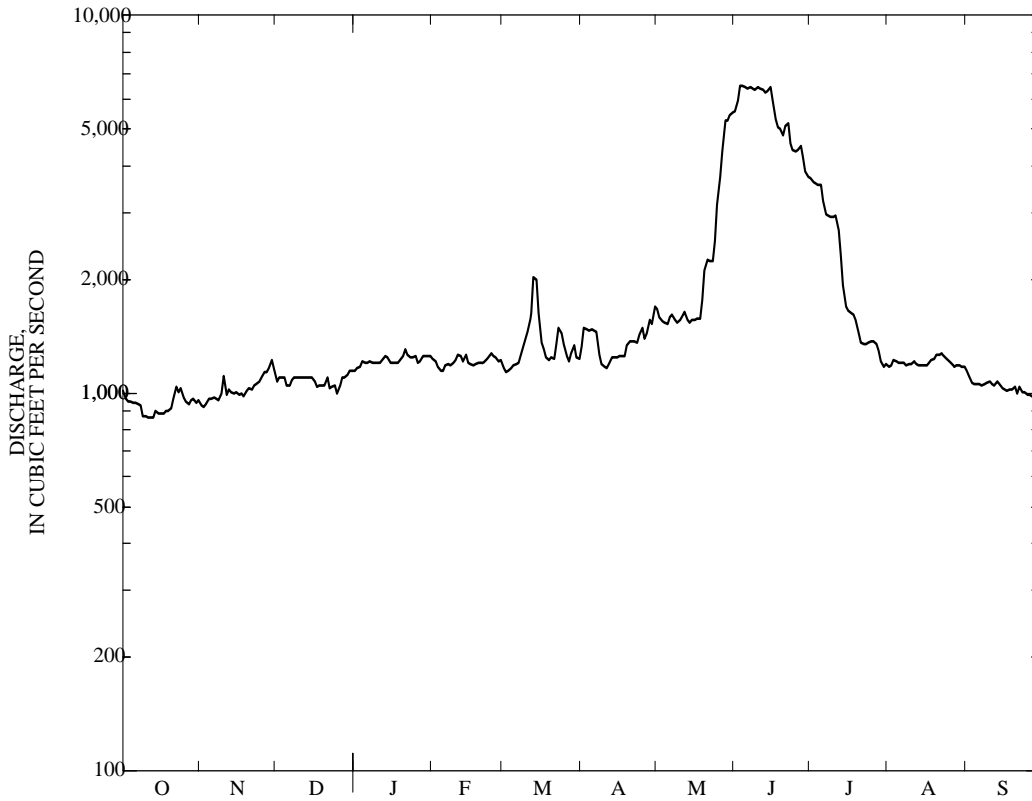
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09217000 GREEN RIVER NEAR GREEN RIVER, WY—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1952 - 2005	
ANNUAL TOTAL	383,239		622,175		--	
ANNUAL MEAN	1,047		1,705		1,634	
HIGHEST ANNUAL MEAN	--		--		3,089 1986	
LOWEST ANNUAL MEAN	--		--		576 2002	
HIGHEST DAILY MEAN	3,220	Jul 5	6,510	Jun 3	16,700	Sep 7, 1965
LOWEST DAILY MEAN	711	May 9	860	Oct 11	170	Nov 16, 1955
ANNUAL SEVEN-DAY MINIMUM	733	May 5	871	Oct 9	214	Dec 24, 1962
MAXIMUM PEAK FLOW	--		6,640	Jun 3	16,800 ^a	Sep 7, 1965
MAXIMUM PEAK STAGE	--		4.94	Jun 3	8.53 ^e	1965
ANNUAL RUNOFF (AC-FT)	760,200		1,234,000		1,184,000 Sep 7, 1965	
10 PERCENT EXCEEDS	1,490		3,730		3,550	
50 PERCENT EXCEEDS	916		1,210		1,070	
90 PERCENT EXCEEDS	764		979		464	

a Caused by emergency release from Fontenelle Reservoir.

e Estimated.





Water-Data Report UT-2005

09217900 BLACKS FORK NEAR ROBERTSON, WY

GREEN RIVER BASIN

LOCATION.--Lat 40°57'33", long 110°34'46" (NAD 27), in SW1/4 SW1/4 SW1/4 sec.27, T.3 N., R.12 E., Summit County, Utah, Hydrologic Unit 14040107, on left bank 1 mi downstream from East Fork, 2.7 mi south of Utah-Wyoming State line, and 18 mi south of Robertson.

DRAINAGE AREA.--130 mi².

PERIOD OF RECORD.--October 1937 to July 1939 (published as "at Blacks Fork Ranger Station"), July 1966 to September 1986, October 1992 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 8,811.3 ft above NGVD of 1929 (Bureau of Reclamation benchmark). Elevations published from October 1968 to September 1978 are incorrect. October 1937 to July 1939, at site 970 ft downstream from station at different datum, July 1966 to September 1986 and October 1992 to September 1993 at site 0.2 mi downstream from station at datum 6.5 ft lower. U.S. Geological Survey data collection platform with satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor.

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09217900 BLACKS FORK NEAR ROBERTSON, WY—Continued

Discharge, cubic feet per second

WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAILY MEAN VALUES

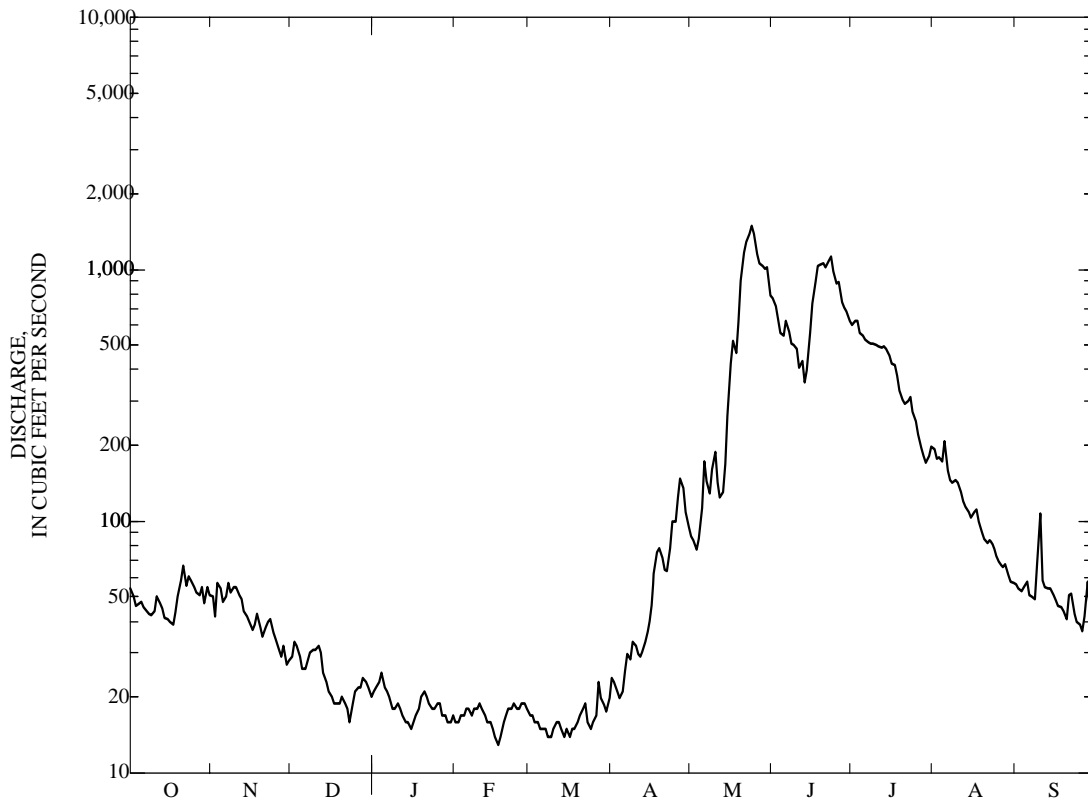
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	54	e50	e29	e21	e16	e17	e24	87	767	604	193	56
2	50	e42	e33	e22	e16	e17	e23	84	713	621	178	54
3	46	e57	e32	e23	e17	e16	e21	77	631	626	180	53
4	47	e54	e29	e25	e17	e16	20	86	559	559	174	55
5	48	e48	e26	e22	e18	e15	21	113	548	543	207	57
6	46	e50	e26	e21	e18	e15	25	173	626	528	159	51
7	44	e57	e28	e20	e17	e15	30	144	568	511	146	50
8	43	e52	e30	e18	e18	e14	28	129	508	507	143	49
9	43	e55	e31	e18	e18	e14	33	161	498	506	146	68
10	44	55	e31	e19	e19	e15	32	188	482	501	142	107
11	50	51	e32	e18	e18	e16	30	142	409	494	131	58
12	47	49	e30	e17	e17	e16	29	124	433	492	119	55
13	45	e44	e25	e16	e16	e15	32	130	355	492	114	54
14	41	e42	e23	e16	e16	e14	34	169	397	484	108	54
15	41	e40	e21	e15	e15	e15	40	261	562	452	103	51
16	40	e37	e20	e16	e14	e14	46	423	731	422	108	48
17	39	e39	e19	e17	e13	e15	62	520	894	416	111	46
18	43	e43	e19	e18	e14	e15	75	464	1,030	381	99	45
19	50	e38	e19	e20	e16	e16	78	621	1,050	331	91	44
20	58	e35	e20	e21	e17	17	72	896	1,060	305	85	41
21	66	e38	e19	e20	e18	e18	64	1,170	1,020	294	82	51
22	56	e40	e18	e19	e18	e19	63	1,280	1,080	298	84	52
23	60	e41	e16	e18	e19	e16	78	1,390	1,130	312	82	43
24	58	e36	e19	e18	e18	e15	99	1,490	983	270	76	40
25	55	e34	e21	e19	e18	e16	100	1,380	884	251	71	39
26	52	e31	e22	e19	e19	e17	124	1,150	887	221	68	37
27	51	e29	e22	e17	e19	e23	147	1,060	740	196	66	42
28	55	e32	e24	e17	e18	20	135	1,030	709	181	68	58
29	47	e27	e23	e16	---	19	109	1,010	678	171	61	42
30	55	e28	e22	e16	---	18	95	1,020	621	181	58	38
31	51	---	e20	e17	---	20	---	791	---	198	57	---
TOTAL	1,525	1,274	749	579	477	508	1,769	17,763	21,553	12,348	3,510	1,538
MEAN	49.2	42.5	24.2	18.7	17.0	16.4	59.0	573	718	398	113	51.3
MAX	66	57	33	25	19	23	147	1,490	1,130	626	207	107
MIN	39	27	16	15	13	14	20	77	355	171	57	37
AC-FT	3,020	2,530	1,490	1,150	946	1,010	3,510	35,230	42,750	24,490	6,960	3,050
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2005, BY WATER YEAR (WY)												
MEAN	51.8	39.7	31.4	26.3	22.8	23.9	52.5	402	725	316	103	65.7
MAX	136	62.0	50.0	55.7	36.9	38.6	112	789	1,273	1,003	232	157
(WY)	(1983)	(1974)	(1974)	(1997)	(1974)	(1969)	(1985)	(1984)	(1983)	(1975)	(1983)	(1982)
MIN	22.9	20.8	11.1	6.73	9.23	8.54	19.4	134	190	56.5	28.8	27.4
(WY)	(2002)	(2000)	(1977)	(1977)	(2003)	(2002)	(1975)	(1975)	(2002)	(2002)	(2002)	(2001)

Water-Data Report UT-2005

09217900 BLACKS FORK NEAR ROBERTSON, WY—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1966 - 2005	
ANNUAL TOTAL	36,291.0		63,593		--	
ANNUAL MEAN	99.2		174		155	
HIGHEST ANNUAL MEAN	--		--		228	1983
LOWEST ANNUAL MEAN	--		--		57.1	2002
HIGHEST DAILY MEAN	569	Jun 7	1,490	May 24	1,880	Jun 19, 1983
LOWEST DAILY MEAN	8.5	Mar 2	13	Feb 17	3.2	Apr 2, 1994
ANNUAL SEVEN-DAY MINIMUM	9.6	Feb 28	15	Feb 13	3.9	Apr 2, 1994
MAXIMUM PEAK FLOW	--		1,740	May 23	2,480 ^a	Jun 19, 1983
MAXIMUM PEAK STAGE	--		4.33	May 23	5.17 ^b	Jun 15, 1995
ANNUAL RUNOFF (AC-FT)	71,980		126,100		112,600	
10 PERCENT EXCEEDS	297		564		468	
50 PERCENT EXCEEDS	50		48		45	
90 PERCENT EXCEEDS	13		17		20	

- a Gage height, 4.91 ft, site and datum then in use.
- b Discharge, 2,210 ft³/s.
- e Estimated.





Water-Data Report UT-2005

09220000 EAST FORK OF SMITHS FORK NEAR ROBERTSON, WY

Green River Basin

LOCATION.--Lat 41°03'15", long 110°23'52" (NAD 27), in NE1/4NW1/4NE1/4 sec.5, T.12 N., R.115 W., Uinta County, Hydrologic Unit 14040107, Wasatch National Forest, on left bank 60 ft downstream from bridge, 1.0 mi upstream from Gilbert Creek, 6.1 mi downstream from State Line Reservoir, and 9.0 mi southeast of Robertson.

DRAINAGE AREA.--53 mi².

PERIOD OF RECORD.--July 1939 to September 1999, (no winter records 1971 to 1999), April 2001 to current year. Monthly discharge only for some periods, published in WSP 1313. Prior to October 1, 1978, published as East Fork of Smith Fork near Robertson.

REVISED RECORDS.--WSP 979: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 8,470 ft above NGVD of 1929, from topographic map. Prior to July 12, 1957, at datum 3.96 ft higher. U.S. Geological Survey data collection platform with satellite telemetry at station.

REMARKS.--Records good except those for June 5-26, which are fair and those for estimated daily discharges, which are poor. Flow completely regulated by State Line Reservoir, 6.1 mi upstream, total capacity, 14,000 acre-ft, dead storage is about 2,000 acre-ft, since May 1979.

Water-Data Report UT-2005

09220000 EAST FORK OF SMITHS FORK NEAR ROBERTSON, WY—Continued

DISCHARGE, CUBIC FEET PER SECOND— CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

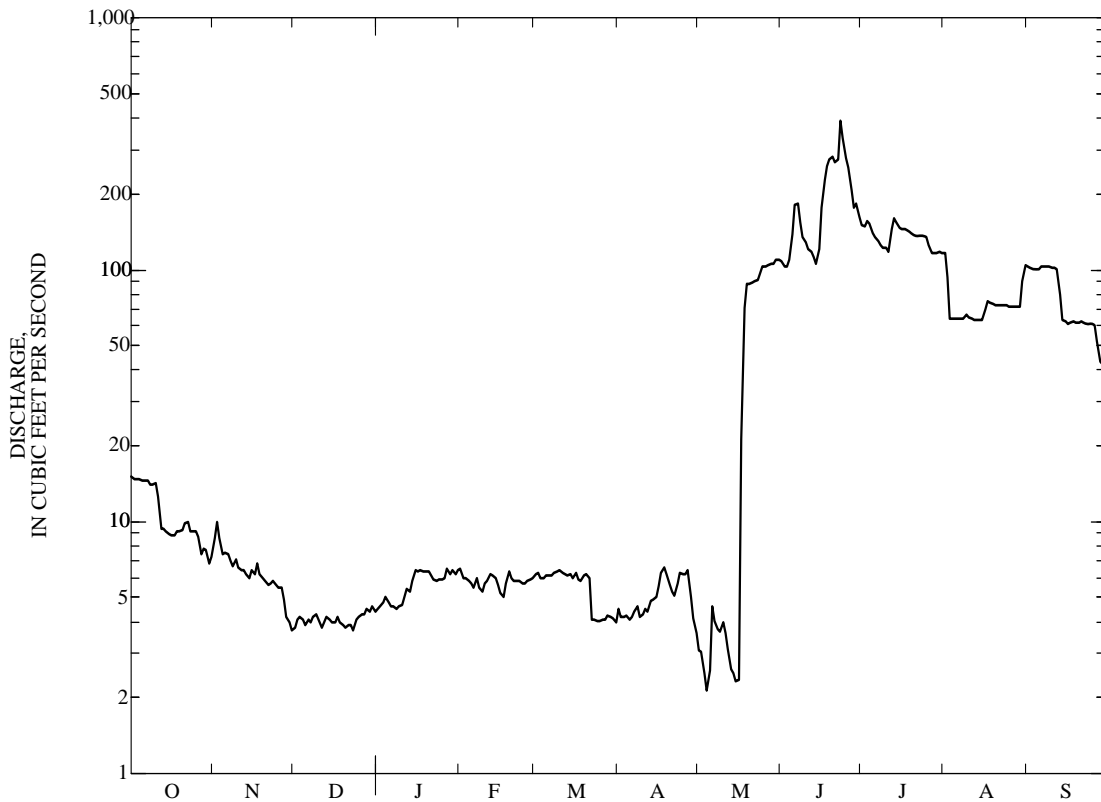
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	e8.6	e3.8	e4.5	6.5	e6.2	e4.5	3.1	108	151	116	103
2	15	e10	e4.1	e4.6	e6.0	6.3	e4.2	3.0	103	149	94	102
3	15	e8.6	e4.2	e4.8	e6.0	e6.0	e4.2	2.5	103	156	64	101
4	15	e7.4	e4.1	e5.0	e5.8	e6.0	4.2	2.1	109	152	64	101
5	15	e7.5	e3.9	e4.8	e5.7	e6.1	e4.1	2.6	139	140	64	101
6	15	e7.4	e4.1	e4.6	e5.5	e6.1	e4.2	4.6	182	134	64	103
7	15	e7.0	e4.0	e4.6	e6.0	e6.1	e4.4	4.0	183	130	64	103
8	14	6.6	e4.2	e4.5	e5.5	6.3	4.6	3.8	154	125	64	103
9	14	7.1	e4.3	e4.6	e5.3	6.3	e4.2	3.7	135	123	66	103
10	14	6.6	e4.1	e4.7	e5.7	6.4	e4.3	4.0	128	122	65	102
11	13	6.4	e3.8	e5.0	e5.8	e6.3	e4.5	3.6	121	118	64	102
12	9.3	6.4	e4.0	e5.4	e6.2	e6.2	e4.4	3.1	117	145	63	100
13	9.4	6.2	e4.2	e5.3	e6.1	e6.1	4.8	2.6	113	160	63	80
14	9.2	e6.0	e4.1	e5.8	e6.0	e6.2	4.9	2.5	105	154	63	63
15	8.9	e6.4	e4.0	6.4	e5.6	e6.0	5.1	2.3	121	147	64	62
16	8.8	e6.2	e4.0	6.4	e5.2	6.2	5.5	2.4	176	145	70	61
17	8.8	e6.8	e4.2	6.4	e5.0	e5.9	6.3	21	228	145	75	62
18	9.2	e6.2	e4.0	6.3	e5.7	e5.8	6.6	71	257	143	74	63
19	9.2	e6.0	e3.9	6.4	6.4	6.1	6.2	88	274	142	73	62
20	9.3	e5.8	e3.8	6.3	e6.0	6.2	5.6	88	282	139	73	61
21	9.8	e5.6	e3.9	e6.1	e5.8	e6.0	e5.3	89	267	137	72	62
22	10	e5.7	e3.9	e5.9	e5.8	e4.1	e5.1	90	273	137	72	61
23	9.1	e5.8	e3.7	e5.8	e5.8	4.1	5.7	91	392	137	72	61
24	9.2	e5.6	e4.1	e5.9	e5.7	4.0	6.3	97	335	137	72	61
25	9.2	e5.5	e4.2	e5.9	e5.7	4.0	6.2	103	276	135	72	61
26	8.7	e5.5	e4.3	e6.0	e5.8	e4.1	6.2	103	254	125	72	60
27	7.4	e4.9	e4.3	6.5	e5.9	e4.1	6.4	104	206	116	72	52
28	7.8	e4.2	e4.5	e6.2	e6.0	4.2	5.0	105	176	116	72	43
29	7.7	e4.0	e4.4	6.5	---	4.2	4.1	105	183	116	71	42
30	6.8	e3.7	e4.6	e6.2	---	4.1	3.6	109	162	118	90	41
31	7.3	---	e4.4	6.4	---	e4.0	---	109	---	116	105	---
TOTAL	335.1	189.7	127.1	173.8	162.5	169.7	150.7	1,422.9	5,662	4,210	2,249	2,282
MEAN	10.8	6.32	4.10	5.61	5.80	5.47	5.02	45.9	189	136	72.5	76.1
MAX	15	10	4.6	6.5	6.5	6.4	6.6	109	392	160	116	103
MIN	6.8	3.7	3.7	4.5	5.0	4.0	3.6	2.1	103	116	63	41
AC-FT	665	376	252	345	322	337	299	2,820	11,230	8,350	4,460	4,530
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2005, BY WATER YEAR (WY)												
MEAN	15.9	10.7	7.78	7.02	6.95	7.76	18.1	101	211	105	42.4	28.6
MAX	34.8	19.0	16.9	16.4	13.4	15.0	90.0	221	628	374	120	91.2
(WY)	(1962)	(1952)	(1966)	(1966)	(1966)	(1943)	(1946)	(1974)	(1983)	(1975)	(1965)	(1995)
MIN	5.21	5.50	2.11	1.34	1.55	2.14	3.71	26.6	59.3	15.9	6.64	6.68
(WY)	(1957)	(1957)	(1963)	(1963)	(1963)	(1963)	(1982)	(1983)	(1954)	(1940)	(1940)	(1956)

Water-Data Report UT-2005

09220000 EAST FORK OF SMITHS FORK NEAR ROBERTSON, WY—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1939 - 2005	
ANNUAL TOTAL	10,085.5		17,134.5		--	
ANNUAL MEAN	27.6		46.9		45.7	
HIGHEST ANNUAL MEAN	--		--		88.9	1965
LOWEST ANNUAL MEAN	--		--		24.1	2002
HIGHEST DAILY MEAN	120	Jun 10	392	Jun 23	1,200	Jun 24, 1983
LOWEST DAILY MEAN	3.7	Nov 30	2.1	May 4	1.0	Dec 17, 1962
ANNUAL SEVEN-DAY MINIMUM	3.9	Dec 18	2.9	May 10	1.0	Dec 17, 1962
MAXIMUM PEAK FLOW	--		452	Jun 23	1,450	Jun 10, 1965
MAXIMUM PEAK STAGE	--		5.60	Jun 23	6.75	Jun 10, 1965
ANNUAL RUNOFF (AC-FT)	20,000		33,990		33,080	
10 PERCENT EXCEEDS	91		137		134	
50 PERCENT EXCEEDS	8.6		6.5		13	
90 PERCENT EXCEEDS	4.2		4.1		5.4	

e Estimated.



09220000 EAST FORK OF SMITHS FORK NEAR ROBERTSON, WY—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1951 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1951 to September 1992.

WATER TEMPERATURES: May 1951 to September 1992.

SUSPENDED-SEDIMENT DISCHARGE: May 1951 to September 1992.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Residue on evap. at 180degC wat flt mg/L (70300)
OCT 25...	1530	975	602	13.2	138	8.6	444	5.0	7.0	279
DEC 03...	0920	1,200	615	12.6	107	8.4	459	-4.5	.0	291
FEB 03...	1300	1,170	612	10.9	93	8.0	436	-1.0	.0	277
MAY 25...	1540	3,320	615	9.2	117	8.4	423	20.0	16.5	258
JUL 26...	1000	1,350	616	7.5	102	8.5	348	21.0	19.5	226
AUG 25...	1150	1,150	694	8.5	100	9.0	366	24.0	18.5	239



Water-Data Report UT-2005

09234500 GREEN RIVER NEAR GREENDALE, UT

Green River Basin

LOCATION.--Lat 40°54'30", long 109°25'20" referenced to North American Datum of 1927, in NW ¼ NW ¼ SE ¼ 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 north of confluence with the Colorado river.

DRAINAGE AREA.--19,350 mi² of which 4,260 mi² probably is noncontributing. This noncontributing area includes 3,959 mi² in Great Divide Basin in southern Wyoming.

WATER-DISCHARGE RECORDS

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

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

GAGE.--Water-stage recorder. Datum of gage is 5,594.48 ft above NGVD of 1929. Prior to September 2, 1959, water-stage recorder at site 2.2 mi upstream at different datum. September 3, 1959, to September 30, 1985, at datum 5.0 ft lower.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 19,600 ft³/s, Jun 12, 1957, gage height, 10.60 ft, site and datum then in use; maximum gage height, 14.51 ft, May 12, Jun 6, 1986, datum then in use; minimum, 2.3 ft³/s, Mar 20, 22, 27, 28, 1963.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,930 ft³/s, May 30, gage height, 13.55 ft; minimum daily discharge, 838 ft³/s, Oct 21.

09234500 GREEN RIVER NEAR GREENDALE, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	946	867	e877	e880	1,050	1,100	1,110	1,110	4,710	2,030	1,460	1,470
2	945	869	e877	887	1,060	1,100	1,120	1,110	4,690	2,030	1,460	1,470
3	945	873	e877	880	1,050	1,100	1,120	1,110	4,680	2,030	1,460	1,470
4	944	886	e877	867	1,060	1,100	1,120	1,110	4,750	2,030	1,460	1,470
5	942	891	e877	869	1,060	1,100	1,120	1,110	4,760	2,030	1,470	1,510
6	937	887	e877	872	1,050	1,100	1,120	1,110	4,730	2,030	1,470	1,500
7	938	882	877	1,000	1,050	1,100	1,120	1,110	4,670	2,030	1,470	1,460
8	937	882	878	1,000	1,050	1,100	1,120	1,110	4,670	2,080	1,470	1,450
9	938	866	878	1,000	1,060	1,100	1,110	1,110	4,670	2,090	1,480	1,440
10	937	873	878	1,000	1,050	1,100	1,110	1,110	4,660	2,090	1,470	1,450
11	941	858	878	1,000	1,060	1,090	1,110	1,110	4,660	1,740	1,470	1,450
12	941	859	884	1,000	1,060	1,090	1,110	1,030	4,270	1,580	1,460	1,460
13	916	858	885	1,000	1,060	1,090	1,110	1,100	4,260	1,580	1,470	1,540
14	858	861	881	1,000	1,050	1,090	1,110	1,100	3,900	1,580	1,470	1,470
15	854	869	877	1,000	1,060	1,110	1,110	1,110	3,490	1,570	1,480	1,440
16	851	857	888	869	1,100	1,110	1,110	2,020	3,070	1,570	1,490	1,440
17	853	865	888	869	1,120	1,110	1,110	3,650	2,620	1,460	1,470	1,440
18	857	877	889	1,000	1,130	1,110	1,110	5,060	2,240	1,440	1,470	1,500
19	855	e877	892	1,000	1,130	1,110	1,110	5,870	2,040	1,470	1,470	1,500
20	843	e877	889	1,010	1,130	1,110	1,110	5,080	2,030	1,470	1,470	1,500
21	838	e877	888	1,010	1,130	1,110	1,110	4,720	2,030	1,470	1,470	1,500
22	859	e877	877	1,020	1,130	1,120	1,100	4,720	2,030	1,470	1,470	1,430
23	859	e877	e887	888	1,130	1,110	1,100	4,720	2,110	1,470	1,470	1,510
24	859	e877	e886	1,010	1,120	1,110	1,100	4,720	2,030	1,470	1,480	1,510
25	860	e877	e885	1,010	1,120	1,120	1,110	4,720	2,030	1,470	1,470	1,510
26	861	e877	e885	1,020	1,150	1,110	1,110	4,710	2,030	1,470	1,470	1,510
27	861	e877	e884	1,030	1,120	1,110	1,100	4,720	2,030	1,470	1,480	1,520
28	861	e877	e883	1,030	1,150	912	1,100	4,980	2,030	1,470	1,470	1,540
29	866	e877	e883	1,020	---	873	1,100	6,000	2,030	1,470	1,470	1,510
30	869	e877	e882	1,060	---	1,110	1,100	6,890	2,030	1,470	1,470	1,500
31	868	---	e881	1,010	---	1,110	---	5,400	---	1,470	1,470	---
Total	27,639	26,204	27,345	30,111	30,490	33,815	33,300	94,530	99,950	52,100	45,580	44,470
Mean	892	873	882	971	1,089	1,091	1,110	3,049	3,332	1,681	1,470	1,482
Max	946	891	892	1,060	1,150	1,120	1,120	6,890	4,760	2,090	1,490	1,540
Min	838	857	877	867	1,050	873	1,100	1,030	2,030	1,440	1,460	1,430
Ac-ft	54,820	51,980	54,240	59,730	60,480	67,070	66,050	187,500	198,300	103,300	90,410	88,210

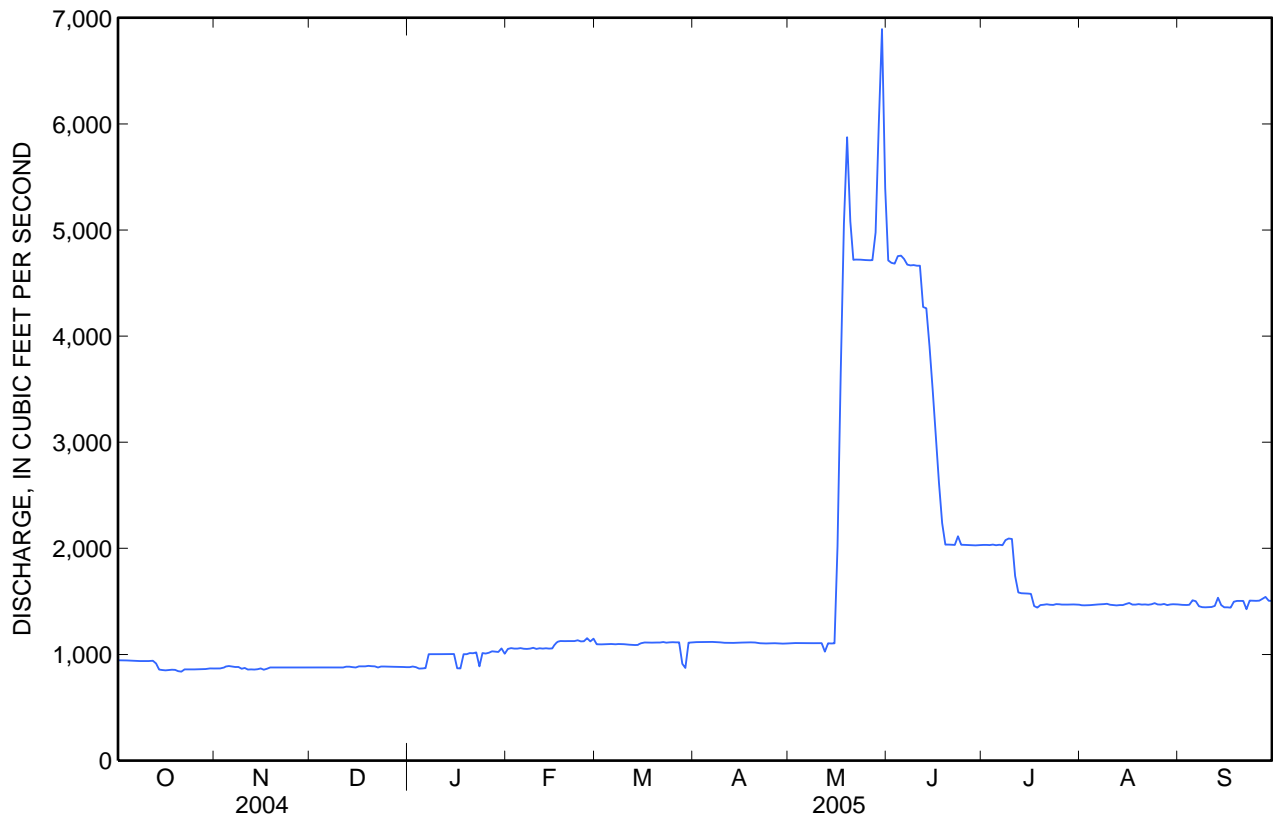
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	1,805	1,949	2,120	2,051	2,037	1,746	1,873	2,502	2,488	2,226	1,916	1,801
Max	3,911	3,655	3,626	4,145	4,090	3,818	4,271	7,146	8,044	10,130	5,056	3,729
(WY)	(1983)	(1983)	(1973)	(1985)	(1984)	(1977)	(1997)	(1986)	(1999)	(1983)	(1983)	(1983)
Min	128	312	743	836	773	599	587	984	900	474	497	734
(WY)	(1964)	(1964)	(1964)	(2002)	(1971)	(1964)	(1964)	(1990)	(2002)	(1965)	(1965)	(1965)

09234500 GREEN RIVER NEAR GREENDALE, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1964 - 2005	
Annual total	397,345		545,534			
Annual mean	1,086		1,495		2,043	
Highest annual mean					4,270	1983
Lowest annual mean					936	2002
Highest daily mean	4,550	May 11	6,890	May 30	12,300	Jul 16, 1983
Lowest daily mean	796	Jul 21	838	Oct 21	90	Oct 8, 1963
Annual seven-day minimum	850	Oct 15	850	Oct 15	112	Oct 2, 1963
Annual runoff (ac-ft)	788,100		1,082,000		1,480,000	
10 percent exceeds	1,170		2,080		3,680	
50 percent exceeds	954		1,110		1,730	
90 percent exceeds	877		875		867	



09234500 GREEN RIVER NEAR GREENDALE, UT—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1956 to September 2000, October 2001 to September 2003, February 2004 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1956 to September 1959, October 1963 to September 2000.

WATER TEMPERATURE: October 1956 to September 1959, October 1963 to September 2000, October 2001 to September 2003, February 2004 to current year.

SEDIMENT DATA: October 1956 to September 1959.

INSTRUMENTATION.--Water-quality monitor from December 1986 to September 2000. Water temperature thermister installed October 2001.

REMARKS.--Storage in Flaming Gorge Reservoir began on November 1, 1962. Samples for daily records are taken inside penstock. Extremes are given for two separate periods (water years 1957-62, 1964 to current year). Extremes for the 1963 water year (October 1962 to September 1963) are not included. Temperature extremes for the 1994 water year are not included. Unpublished daily records of specific conductance obtained before 1965 were included in the determination of extremes for period of daily record and are available in files of district office. Daily records provided by Bureau of Reclamation. Water-quality monitor located in separate shelter 0.6 mi downstream from Flaming Gorge Dam.

EXTREMES FOR PERIOD OF RECORD.--(water years 1957-62, 1964-2000, 2002-03, Feb 2004 to current year).

SPECIFIC CONDUCTANCE (water years 1957-58, 1960-62): Maximum daily, 1,340 microsiemens/cm, Aug 30, 1961; minimum daily, 325 microsiemens/cm, Jun 2, 1961.

WATER TEMPERATURE (water years 1957-59): Maximum, 24.0°C, Jul 24,25, 1959; minimum, 0.0°C, on many days during winter period each year.

SPECIFIC CONDUCTANCE (water years 1964-2000): Maximum daily, 1,060 microsiemens/cm, Nov 9, 1971; minimum, 507 microsiemens/cm, Jul 29, 1998.

WATER TEMPERATURE (water years 1964-2000, 2002-03, Feb 2004 to current year): Maximum, 17.2°C, Jul 9, 1989; minimum, 1.6°C, Mar 1, 2, 1987.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 15.4°C, Aug 31; minimum, 3.3°C, Feb 25, 26, 27, 28.

09234500 GREEN RIVER NEAR GREENDALE, UT—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	11.9	11.6	11.7	10.2	9.9	10.0	6.9	6.7	6.8	5.0	4.9	5.0
2	11.9	11.6	11.7	10.0	9.7	9.8	6.9	6.6	6.7	5.0	4.9	4.9
3	11.9	11.6	11.7	9.9	9.5	9.7	6.7	6.6	6.6	5.0	4.9	4.9
4	11.9	11.6	11.7	9.7	8.5	9.1	6.6	6.3	6.4	5.0	4.6	4.8
5	12.5	11.4	11.9	8.8	8.5	8.6	6.4	6.3	6.4	4.7	4.6	4.7
6	12.5	11.9	12.2	8.8	8.5	8.6	6.4	6.3	6.3	4.7	4.6	4.6
7	12.5	12.2	12.3	8.6	8.5	8.5	6.3	6.1	6.3	4.6	4.4	4.5
8	12.7	12.2	12.3	8.6	8.5	8.5	6.3	6.1	6.2	4.6	4.4	4.5
9	12.3	12.0	12.2	8.5	8.3	8.4	6.4	6.1	6.3	4.7	4.4	4.6
10	12.5	12.2	12.3	8.5	8.1	8.4	6.4	6.1	6.3	4.6	4.6	4.6
11	12.7	12.2	12.4	8.5	8.3	8.4	6.3	6.1	6.1	4.6	4.4	4.6
12	12.3	12.0	12.2	8.4	8.0	8.1	6.3	5.9	6.0	4.6	4.2	4.3
13	12.2	11.7	12.0	8.5	8.1	8.4	6.1	5.9	5.9	4.4	4.2	4.2
14	12.3	11.4	11.8	8.6	8.0	8.3	6.3	5.8	6.0	4.4	4.1	4.2
15	11.7	11.3	11.5	8.5	8.0	8.3	6.1	5.9	6.1	4.2	4.1	4.1
16	11.6	11.1	11.3	8.5	8.3	8.4	6.1	5.9	6.0	4.2	4.1	4.2
17	11.4	11.1	11.2	8.7	8.4	8.5	6.1	5.8	5.9	4.4	4.2	4.2
18	11.1	10.9	11.1	8.6	8.3	8.4	5.9	5.8	5.8	4.2	4.2	4.2
19	11.1	10.8	10.9	8.4	8.3	8.3	5.9	5.8	5.8	4.4	4.2	4.2
20	10.9	10.6	10.8	8.3	8.3	8.3	5.9	5.6	5.8	4.4	4.2	4.2
21	11.3	10.6	10.9	8.3	8.1	8.3	5.8	5.6	5.6	4.4	4.2	4.2
22	11.9	11.1	11.5	8.3	8.1	8.1	5.6	5.5	5.5	4.4	4.2	4.2
23	11.7	11.1	11.3	8.3	8.0	8.1	5.5	5.3	5.3	4.6	4.2	4.2
24	11.3	10.8	11.1	8.3	8.1	8.1	5.5	5.3	5.3	4.6	4.2	4.3
25	11.1	10.6	10.8	8.1	7.8	8.0	5.5	5.2	5.3	4.4	4.2	4.2
26	10.9	10.6	10.8	8.1	7.8	7.9	5.3	5.2	5.2	4.4	4.2	4.3
27	10.6	9.9	10.4	7.8	7.5	7.6	5.3	5.2	5.2	4.4	4.2	4.3
28	10.5	10.0	10.4	7.6	7.3	7.5	5.3	5.2	5.2	4.6	4.2	4.4
29	10.6	10.3	10.4	7.5	7.2	7.4	5.2	5.0	5.2	4.4	4.2	4.3
30	10.6	10.3	10.5	7.3	6.7	7.0	5.2	5.0	5.0	4.2	4.1	4.2
31	10.5	10.0	10.3	---	---	---	5.2	4.9	5.0	4.2	4.1	4.1
Month	12.7	9.9	11.4	10.2	6.7	8.4	6.9	4.9	5.9	5.0	4.1	4.4

09234500 GREEN RIVER NEAR GREENDALE, UT—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	4.2	4.1	4.1	3.6	3.5	3.5	4.8	4.3	4.5	6.8	6.4	6.6
2	4.4	3.9	4.1	3.8	3.5	3.6	4.8	4.3	4.4	6.8	6.2	6.5
3	4.4	4.1	4.2	3.9	3.5	3.6	4.8	4.3	4.5	7.2	6.2	6.7
4	4.4	4.1	4.2	3.9	3.6	3.7	4.8	4.5	4.6	7.5	6.5	7.0
5	4.2	4.1	4.1	3.9	3.6	3.7	5.3	4.8	5.0	7.3	6.5	7.0
6	4.4	4.1	4.2	4.0	3.6	3.7	5.1	4.7	4.8	7.3	6.5	6.9
7	4.2	4.1	4.2	4.0	3.6	3.7	4.8	4.5	4.7	7.8	6.7	7.2
8	4.1	3.8	3.8	4.0	3.7	3.8	4.8	4.5	4.7	8.1	7.5	7.7
9	4.1	3.6	3.8	4.0	3.7	3.9	5.1	4.5	4.8	7.9	7.5	7.7
10	4.1	3.8	3.9	4.2	3.9	4.0	5.0	5.0	5.0	8.4	7.5	7.8
11	4.1	3.8	3.9	4.3	3.9	4.0	5.3	4.8	5.0	7.5	6.8	7.2
12	4.2	3.8	4.1	4.5	4.0	4.1	5.3	4.8	5.0	7.8	6.7	7.4
13	4.1	3.6	3.8	4.3	4.0	4.1	5.1	4.7	4.9	8.4	7.5	8.1
14	4.1	3.8	3.9	4.2	4.0	4.0	5.6	4.7	5.0	8.1	7.8	7.9
15	3.9	3.8	3.8	4.3	4.0	4.1	5.4	4.8	5.0	8.4	7.6	8.0
16	3.9	3.6	3.7	4.3	4.0	4.1	5.3	4.8	5.0	8.5	7.8	8.0
17	3.9	3.6	3.8	4.2	4.0	4.0	5.3	4.8	5.0	8.8	7.8	8.3
18	3.9	3.6	3.8	4.3	3.9	4.1	5.3	5.0	5.1	8.2	7.2	7.6
19	4.1	3.6	3.8	4.3	4.0	4.1	5.3	4.7	4.9	7.6	7.2	7.4
20	3.8	3.5	3.6	4.2	4.0	4.0	5.3	4.8	5.0	9.0	7.3	8.2
21	3.9	3.6	3.7	4.3	4.0	4.1	5.8	4.8	5.3	9.6	8.4	9.1
22	3.8	3.6	3.7	4.3	4.0	4.1	5.6	5.3	5.4	9.2	8.7	8.8
23	3.9	3.5	3.7	4.3	4.0	4.2	5.8	5.3	5.5	10.2	8.8	9.2
24	3.8	3.5	3.5	4.3	4.2	4.2	5.6	5.3	5.4	10.9	9.2	9.7
25	3.8	3.3	3.5	4.3	4.2	4.2	5.6	5.3	5.5	10.6	9.6	9.9
26	3.8	3.3	3.5	4.5	4.2	4.3	6.5	5.4	5.9	10.2	9.8	9.9
27	3.8	3.3	3.4	4.7	4.2	4.3	6.8	6.2	6.4	10.1	9.8	9.8
28	3.8	3.3	3.5	4.7	4.2	4.3	7.0	6.4	6.6	10.4	9.3	9.9
29	---	---	---	4.8	4.3	4.5	7.0	6.4	6.6	9.8	7.9	9.1
30	---	---	---	4.7	4.3	4.4	6.7	6.5	6.5	8.4	7.8	8.1
31	---	---	---	4.7	4.3	4.5	---	---	---	10.7	8.2	9.6
Month	4.4	3.3	3.8	4.8	3.5	4.0	7.0	4.3	5.2	10.9	6.2	8.1

09234500 GREEN RIVER NEAR GREENDALE, UT—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	11.5	9.9	10.6	12.3	9.9	11.3	15.3	14.1	14.8	13.7	12.8	13.3
2	11.2	10.1	10.5	13.2	10.2	11.7	15.3	13.7	14.3	14.3	13.2	13.8
3	11.6	9.9	10.6	13.1	10.7	12.1	15.1	13.9	14.4	13.9	12.8	13.2
4	11.3	10.6	10.8	12.9	10.8	12.1	15.1	13.4	14.0	13.3	12.4	12.8
5	10.9	10.2	10.6	13.1	10.8	12.1	14.0	12.8	13.4	13.6	11.7	12.8
6	11.0	10.2	10.6	13.4	10.9	12.4	14.1	12.7	13.4	13.0	12.1	12.6
7	11.8	10.4	10.9	13.5	12.2	12.9	14.8	13.8	14.3	13.4	12.7	13.0
8	11.5	10.6	10.9	13.2	11.4	12.5	14.3	13.1	13.8	13.5	12.4	12.9
9	10.7	10.4	10.6	13.0	11.4	12.3	14.1	12.9	13.5	13.8	12.9	13.4
10	10.9	10.2	10.6	13.1	11.3	12.3	14.1	12.9	13.6	13.3	12.4	12.9
11	10.9	10.6	10.7	12.8	11.4	12.0	14.3	13.0	13.7	13.1	12.4	12.8
12	12.2	10.6	11.5	12.7	11.3	11.9	15.0	13.9	14.3	13.3	12.6	13.0
13	11.9	11.5	11.7	13.0	11.3	12.0	14.8	13.2	13.8	12.9	11.4	12.5
14	11.6	10.9	11.2	13.2	11.5	12.2	14.6	13.2	14.2	13.1	11.7	12.6
15	11.3	10.7	11.0	13.0	11.5	12.2	14.3	13.4	14.0	13.8	13.0	13.3
16	11.9	10.6	11.3	13.0	11.3	12.1	14.6	13.4	13.9	13.8	13.0	13.3
17	11.9	11.5	11.7	14.1	11.2	12.6	14.8	13.8	14.4	13.7	12.5	13.2
18	11.9	11.5	11.7	14.7	13.7	14.0	14.9	13.5	14.0	13.1	11.9	12.6
19	11.9	11.6	11.8	14.1	12.4	13.3	14.2	12.9	13.5	13.1	11.9	12.6
20	11.9	11.6	11.8	13.5	11.4	12.5	14.6	13.5	13.9	13.1	11.8	12.6
21	11.6	11.2	11.4	14.0	11.5	12.8	14.2	13.0	13.5	13.3	12.2	12.9
22	12.2	11.0	11.4	14.2	13.4	13.8	14.8	13.8	14.4	13.4	12.2	13.0
23	12.4	10.6	11.7	14.4	13.3	13.9	14.7	13.6	14.0	12.9	11.8	12.5
24	12.4	11.5	11.9	14.0	12.5	13.1	14.0	12.9	13.5	13.0	12.0	12.6
25	12.7	11.5	12.1	14.0	11.5	12.9	14.6	13.9	14.1	13.1	12.2	12.7
26	13.2	11.8	12.5	14.3	13.4	13.9	14.4	13.3	13.7	12.8	11.9	12.4
27	12.9	12.1	12.6	14.0	13.2	13.6	14.1	12.7	13.5	13.2	11.7	12.5
28	13.0	11.8	12.4	13.9	12.7	13.3	15.0	13.9	14.6	13.2	12.3	12.9
29	12.9	11.6	12.3	14.2	12.7	13.5	15.0	13.8	14.2	13.1	12.2	12.7
30	12.5	11.1	11.9	14.6	13.6	14.1	14.5	13.2	14.0	13.2	12.0	12.7
31	---	---	---	14.3	13.0	13.7	15.4	13.0	14.3	---	---	---
Month	13.2	9.9	11.4	14.7	9.9	12.7	15.4	12.7	14.0	14.3	11.4	12.9
Year	15.4	3.3	8.5									



Water-Data Report UT-2005

09261000 GREEN RIVER NEAR JENSEN, UT

Green River Basin

LOCATION.--Lat 40°24'34", long 109°14'05" referenced to North American Datum of 1927, in NE ¼ SW ¼ SE ¼ sec.5, T.5 S., R.24 E., Uintah County, Hydrologic Unit 14060001, Dinosaur National Monument, on right bank 300 ft upstream from highway bridge, 1 mi downstream from Cub Creek and Chew Ranch, 4 mi southeast of Dinosaur National Monument headquarters, 6.5 mi northeast of Jensen, 12 mi upstream from Brush Creek, and 313 mi north of the confluence with the Colorado River.

DRAINAGE AREA.--29,660 mi², approximately. This noncontributing area includes 3,959 mi² in Great Divide Basin in southern Wyoming.

WATER-DISCHARGE RECORDS

REVISED RECORDS.--WSP 1243: 1904(m). WDR UT-73: 1972. WDR UT-76-1: Drainage area.

PERIOD OF RECORD.--October 1903 to December 1904, June to August 1905 (gage heights only), March to September 1906, July to October 1914, August to December 1915, October 1946 to current year. Prior to October 1946, published as "at Jensen," except October to December 1903, which was published as "near Vernal."

GAGE.--Water-stage recorder. Elevation of gage is 4,758 ft above NGVD of 1929, from river-profile map. Prior to October 1, 1946, nonrecording gages at site 15 mi downstream at different datums. December 13, 1946 to September 30, 1948, water-stage recorder at present site at datum 1.50 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are fair. Transbasin diversions and diversions for irrigation above station. Flow regulated by Flaming Gorge Reservoir (see station 09234500) 93.1 mi upstream beginning November 1, 1962.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 40,000 ft³/s, May 18, 1984; gage height, 14.66 ft; minimum observed, 102 ft³/s, Dec 6, 1904.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 19,900 ft³/s, May 26, gage height, 9.83 ft; minimum daily discharge, 1,030 ft³/s, Dec 1.

Water-Data Report UT-2005

09261000 GREEN RIVER NEAR JENSEN, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,870	1,890	1,030	1,540	1,940	1,940	2,370	7,850	16,700	7,540	2,080	1,730
2	1,920	1,830	1,160	1,520	1,810	1,930	2,310	7,140	16,100	6,960	2,070	e1,720
3	1,860	1,790	1,090	1,490	1,840	1,850	2,130	6,190	14,700	6,350	2,060	e1,710
4	2,200	1,770	1,180	1,520	1,800	1,870	2,040	5,610	16,600	6,000	2,000	e1,690
5	2,130	1,690	1,140	1,520	1,730	1,830	1,980	5,310	16,700	5,740	1,940	e1,680
6	2,070	1,590	1,180	1,340	1,700	1,840	2,120	5,280	16,400	5,680	1,960	e1,660
7	1,950	1,610	1,310	1,380	1,700	1,870	2,840	5,650	17,300	5,290	1,990	e1,650
8	1,840	1,640	1,550	1,480	1,740	1,950	2,980	6,460	15,500	4,970	1,940	1,640
9	1,760	1,690	1,590	1,560	1,570	2,060	2,790	7,570	14,400	4,760	1,930	1,670
10	1,720	1,650	1,580	1,790	1,530	2,160	3,280	7,920	13,500	4,570	1,890	1,820
11	1,660	1,630	1,600	2,350	1,450	2,250	4,070	8,190	13,000	4,370	1,880	1,830
12	1,610	1,690	1,620	3,400	1,530	2,250	3,850	8,270	12,800	4,030	1,870	1,750
13	1,590	1,730	1,630	2,820	1,610	2,380	3,440	8,700	11,900	3,580	1,820	1,710
14	1,550	1,720	1,590	2,670	1,700	2,330	3,200	7,840	11,600	3,380	1,830	1,890
15	1,480	1,710	1,620	2,450	1,850	2,460	3,200	7,230	11,200	3,220	1,870	1,790
16	1,430	1,670	1,670	2,090	1,990	2,480	3,720	6,950	10,000	3,090	1,930	1,780
17	1,440	1,650	1,600	1,910	1,690	2,180	4,440	7,830	9,590	2,890	1,900	1,760
18	1,430	1,630	1,450	1,760	1,600	1,960	4,910	11,200	9,540	2,640	1,890	1,710
19	1,470	1,580	1,480	1,690	1,480	1,920	5,870	13,900	9,630	2,680	1,830	1,730
20	1,460	1,590	1,460	1,780	1,640	1,940	6,930	13,800	9,820	2,530	1,790	1,750
21	1,590	1,580	1,470	1,790	1,860	1,860	7,720	14,500	10,200	2,430	1,810	1,740
22	1,640	1,560	1,390	1,830	1,960	1,810	7,840	16,000	9,980	2,310	1,860	1,760
23	1,700	1,540	1,270	1,790	2,170	1,880	6,880	17,900	9,690	2,270	1,840	1,720
24	1,670	1,550	1,150	1,780	2,370	2,030	5,860	19,000	9,570	2,260	1,820	1,760
25	1,790	1,550	1,220	1,650	2,480	2,010	5,870	19,400	9,880	2,350	1,820	1,770
26	1,850	1,560	1,340	1,790	2,270	2,000	7,180	19,500	9,750	2,270	1,780	1,740
27	1,740	1,520	1,390	1,880	2,090	2,080	7,700	19,000	9,050	2,250	1,760	1,770
28	1,920	1,500	1,400	1,970	2,020	2,070	7,240	17,500	8,700	2,250	1,770	1,830
29	1,880	1,370	1,490	2,020	---	2,020	6,730	16,500	8,380	2,270	1,750	1,860
30	1,860	1,090	1,560	1,930	---	1,800	7,540	16,600	7,550	2,240	1,740	1,790
31	1,930	---	1,600	1,940	---	1,860	---	17,100	---	2,180	1,750	---
Total	54,010	48,570	43,810	58,430	51,120	62,870	139,030	351,890	359,730	115,350	58,170	52,410
Mean	1,742	1,619	1,413	1,885	1,826	2,028	4,634	11,350	11,990	3,721	1,876	1,747
Max	2,200	1,890	1,670	3,400	2,480	2,480	7,840	19,500	17,300	7,540	2,080	1,890
Min	1,430	1,090	1,030	1,340	1,450	1,800	1,980	5,280	7,550	2,180	1,740	1,640
Ac-ft	107,100	96,340	86,900	115,900	101,400	124,700	275,800	698,000	713,500	228,800	115,400	104,000

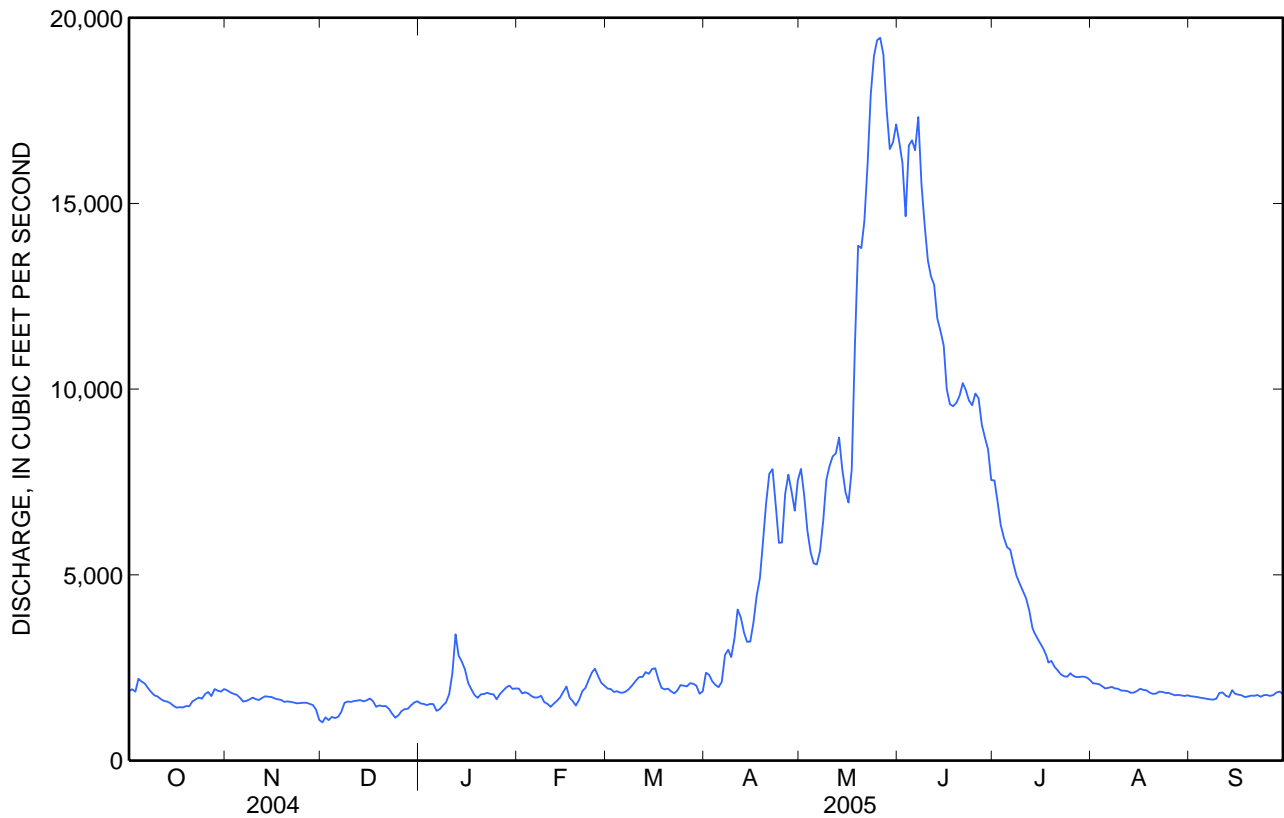
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1947 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	2,108	2,191	2,149	2,102	2,321	3,023	5,537	11,200	11,220	4,533	2,376	1,892
Max	5,020	4,833	4,414	4,844	4,839	5,765	15,350	24,110	26,460	16,110	6,460	4,159
(WY)	(1983)	(1987)	(1987)	(1985)	(1986)	(1986)	(1962)	(1984)	(1957)	(1983)	(1983)	(1983)
Min	344	590	527	598	721	946	2,036	4,220	2,505	504	453	503
(WY)	(1964)	(1963)	(1963)	(1955)	(1955)	(1963)	(1963)	(1990)	(2002)	(1963)	(1963)	(1963)

09261000 GREEN RIVER NEAR JENSEN, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1947 - 2005	
Annual total	868,710		1,395,390			
Annual mean	2,374		3,823		4,225	
Highest annual mean					7,783	1984
Lowest annual mean					1,457	1963
Highest daily mean	11,400	May 13	19,500	May 26	38,500	May 18, 1984
Lowest daily mean	1,000	Jan 9	1,030	Dec 1	260	Aug 2, 1963
Annual seven-day minimum	1,020	Jan 7	1,120	Nov 30	296	Oct 9, 1963
Annual runoff (ac-ft)	1,723,000		2,768,000		3,061,000	
10 percent exceeds	4,610		9,650		10,400	
50 percent exceeds	1,640		1,890		2,660	
90 percent exceeds	1,100		1,520		1,090	



09261000 GREEN RIVER NEAR JENSEN, UT—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1947 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1947 to September 1952, October 1961 to September 1996.

WATER TEMPERATURE: March 1949 to September 1959, October 1961 to September 1996, October 1998 to current year.

SUSPENDED-SEDIMENT DISCHARGE: May 1948 to September 1979.

INSTRUMENTATION.--Temperature data logger October 1, 1998 to current year.

REMARKS.--Unpublished daily records of specific conductance obtained before water year 1965 were included in the determination of extremes for period of daily record and are available in files of district office. Sediment data for water years 1998 to 2002 was collected by Colorado District of U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 2,330 microsiemens/cm, Sep 10, 1963; minimum daily, 176 microsiemens/cm, May 24, 1963.

WATER TEMPERATURE: Maximum, 30.0°C, Jul 11, 1958; minimum, 0.0°C, on many days during winter period most years.

SEDIMENT CONCENTRATIONS: Maximum daily mean, 40,600 mg/L, Aug 23, 1960; minimum daily mean, 9 mg/L, Oct 7-11, 1953, Nov 22, 1962, and Sep 1, 1972.

SEDIMENT LOADS: Maximum daily, 2,500,000 tons, Mar 29, 1962; minimum daily, 10 tons, on many days in 1962 and 1963.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 25.6°C, Jul 15; minimum, 0.0°C, Feb 17 (may have occurred on more days in Dec, Jan, and early Feb when data was unavailable).

09261000 GREEN RIVER NEAR JENSEN, UT—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	5.3	4.1	4.6	7.9	5.0	6.5	10.1	8.1	8.9
2	---	---	---	6.1	3.6	4.8	9.3	5.4	7.3	10.6	7.6	9.0
3	---	---	---	5.6	3.9	4.7	10.9	7.3	9.0	12.2	8.5	10.3
4	---	---	---	6.4	3.7	5.0	10.5	9.0	9.6	13.8	10.6	12.1
5	---	---	---	7.0	4.3	5.7	11.0	7.6	9.4	13.9	11.9	12.9
6	---	---	---	7.5	5.1	6.2	11.3	8.1	9.7	14.1	12.4	13.2
7	---	---	---	7.9	5.3	6.5	12.2	8.7	10.3	13.2	11.9	12.6
8	---	---	---	7.6	5.9	6.8	11.4	10.0	10.7	13.5	10.7	12.1
9	---	---	---	8.4	5.8	7.0	10.0	8.6	9.4	14.1	11.5	12.6
10	---	---	---	8.7	6.2	7.3	9.6	7.3	8.3	12.8	11.9	12.4
11	---	---	---	8.8	6.4	7.5	10.1	7.5	8.7	11.9	11.0	11.4
12	---	---	---	8.7	6.2	7.4	10.7	7.5	9.1	12.2	10.4	11.3
13	---	---	---	7.8	5.9	6.9	11.5	8.7	10.1	12.9	10.7	11.8
14	---	---	---	6.4	4.7	5.6	12.7	9.9	11.1	14.4	11.0	12.6
15	3.1	1.6	2.2	5.6	3.2	4.4	12.6	10.1	11.2	15.5	12.2	13.9
16	1.9	0.8	1.2	5.8	3.4	4.5	13.0	9.9	11.4	16.3	14.1	15.2
17	1.0	0.0	0.4	6.2	4.3	5.2	13.6	10.9	12.3	15.6	13.9	14.8
18	---	---	---	7.3	4.7	5.9	13.5	11.5	12.5	14.4	13.0	13.6
19	2.4	0.2	1.3	7.6	4.7	6.2	13.0	11.5	12.3	14.7	12.9	13.8
20	4.0	1.4	2.7	7.1	6.3	6.7	12.2	10.4	11.3	15.2	13.0	14.1
21	4.6	2.3	3.3	7.9	5.4	6.8	11.2	9.0	10.1	16.3	13.8	15.0
22	4.1	2.7	3.2	7.6	5.4	6.7	10.4	8.5	9.5	16.6	14.9	15.8
23	4.8	3.1	4.0	7.3	6.4	6.8	11.8	8.5	10.1	16.5	15.0	15.7
24	4.8	2.6	3.6	8.4	6.4	7.3	11.2	10.2	10.7	16.3	15.2	15.7
25	4.3	2.2	3.2	7.7	6.0	6.7	12.2	10.4	11.2	15.7	14.6	15.2
26	4.7	2.2	3.3	7.9	5.3	6.7	13.0	9.9	11.4	15.5	14.3	14.9
27	5.2	2.6	3.8	8.5	5.6	7.0	12.2	10.6	11.5	15.4	14.1	14.7
28	5.5	3.0	4.1	7.7	6.7	7.1	11.8	10.4	11.1	15.6	13.9	14.7
29	---	---	---	9.5	6.4	7.9	11.2	9.5	10.3	15.6	14.4	14.9
30	---	---	---	8.5	7.0	7.9	10.1	8.4	8.9	14.7	12.9	14.1
31	---	---	---	8.4	5.6	7.0	---	---	---	13.1	11.9	12.5
Month	5.5	0.0	2.8	9.5	3.2	6.3	13.6	5.0	10.2	16.6	7.6	13.3

09261000 GREEN RIVER NEAR JENSEN, UT—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	13.3	12.3	12.8	21.8	18.7	20.1	23.1	21.0	21.8	19.6	16.3	18.0
2	13.2	12.7	13.0	21.2	18.4	19.7	23.3	20.5	22.0	19.6	16.7	18.3
3	12.7	11.5	12.2	20.7	18.8	19.7	23.0	20.5	21.9	19.6	17.5	18.8
4	11.8	10.9	11.4	20.9	17.4	19.0	23.2	20.0	21.8	20.5	17.9	19.3
5	12.9	10.8	11.8	20.5	17.7	19.2	23.6	20.6	22.3	20.7	18.4	19.8
6	14.1	12.4	13.2	21.8	18.4	20.0	23.4	21.2	22.4	20.5	17.9	19.1
7	14.1	13.0	13.5	22.3	19.0	20.6	23.3	20.9	22.2	20.3	17.8	19.1
8	14.4	13.0	13.7	22.5	19.1	20.8	22.7	20.2	21.5	20.3	18.0	19.2
9	15.4	13.6	14.5	22.3	19.3	20.9	23.4	20.6	22.1	20.0	18.1	18.9
10	15.4	13.9	14.6	22.2	19.3	20.8	22.9	21.3	21.7	19.2	17.1	18.1
11	15.1	13.7	14.5	22.5	18.9	20.7	22.3	20.3	21.4	18.4	16.2	17.3
12	15.0	13.8	14.5	23.6	19.6	21.5	22.0	19.7	21.0	18.1	15.0	16.0
13	14.7	12.6	13.7	24.9	20.9	22.8	21.9	19.6	20.6	16.2	14.2	15.2
14	16.6	13.7	15.1	25.2	22.3	23.8	21.8	19.0	20.4	16.6	13.9	15.2
15	17.8	15.6	16.5	25.6	22.7	24.1	22.0	19.1	20.7	16.4	14.0	15.2
16	18.7	16.3	17.4	24.7	22.3	23.4	21.9	19.8	20.8	16.3	14.0	15.2
17	19.4	17.1	18.2	24.0	21.5	22.7	21.6	19.3	20.7	16.2	14.3	15.3
18	19.5	17.6	18.5	24.0	21.0	22.5	21.3	19.0	20.4	16.2	14.1	15.2
19	20.3	17.8	18.9	23.7	20.7	22.3	21.0	18.8	20.1	16.7	14.3	15.5
20	20.8	18.0	19.4	24.2	21.2	22.7	21.4	19.2	20.3	17.4	14.4	15.8
21	21.3	18.5	19.8	24.7	21.5	23.2	21.3	19.0	19.9	17.3	15.3	15.8
22	20.9	19.0	19.9	24.7	22.3	23.7	21.1	18.6	20.0	17.3	14.8	15.9
23	21.3	19.2	20.1	24.3	22.2	23.0	21.3	19.2	20.3	17.0	14.4	15.7
24	21.2	19.1	20.1	23.7	21.5	22.7	21.2	18.6	20.1	16.8	15.3	16.1
25	21.0	18.9	19.9	22.1	20.5	21.3	21.1	18.9	20.3	16.7	15.2	16.0
26	20.6	18.8	19.7	22.2	18.9	20.6	22.0	18.9	20.6	16.2	13.9	15.1
27	20.7	18.3	19.5	22.3	19.0	20.9	21.8	19.2	20.1	15.8	13.4	14.1
28	19.5	18.3	18.9	23.0	19.9	21.5	21.0	18.6	19.9	15.7	13.8	14.7
29	20.3	17.6	18.8	23.5	20.3	22.0	21.1	18.3	20.0	15.9	13.4	14.7
30	21.0	17.8	19.3	23.2	21.3	22.3	21.0	18.8	19.8	15.8	13.4	14.6
31	---	---	---	23.7	21.2	22.5	19.8	17.2	18.7	---	---	---
Month	21.3	10.8	16.4	25.6	17.4	21.6	23.6	17.2	20.8	20.7	13.4	16.6

Water-Data Report UT-2005

09261700 BIG BRUSH CREEK ABOVE RED FLEET RESERVOIR, NEAR VERNAL, UT

Green River Basin

LOCATION.--Lat 40°35'20", long 109°27'53" referenced to North American Datum of 1927, in NW ¼ SE ¼ NE ¼ sec.5, T.3 S., R.22 E., Uintah County, Hydrologic Unit 14060002, on right bank 950 ft below State Highway 44, 5.5 mi upstream from Little Brush Creek, and 10.5 mi northeast of Vernal.

DRAINAGE AREA.--77.2 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1979 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,625 ft above NGVD of 1929, from topographic map. Prior to September 1980, water-stage recorder at site 250 ft upstream at different datum.

REMARKS.--Records good. Water from Oaks Park Reservoir (capacity 6,250 acre-ft), near headwaters, is diverted through Oaks Park Canal to Ashley Creek basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 423 ft³/s, May 22, 2005, gage height, 2.46 ft; maximum gage height, 3.06 ft, May 23, 1980 at different datum; minimum daily, 6.8 ft³/s, Aug 13, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 423 ft³/s, May 22, gage height, 2.46 ft; minimum discharge, 14 ft³/s, Jan 30.

09261700 BIG BRUSH CREEK ABOVE RED FLEET RESERVOIR, NEAR VERNAL, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	18	42	30	19	17	19	23	138	309	61	48	29
2	18	38	29	19	18	19	23	123	300	58	48	27
3	20	39	27	19	18	18	25	121	287	55	54	27
4	19	38	26	19	18	19	26	129	276	54	49	26
5	19	36	26	19	18	19	27	157	273	53	47	25
6	19	36	26	19	18	19	27	229	268	53	46	23
7	18	37	26	19	18	19	30	258	259	52	46	22
8	17	38	25	19	18	19	35	228	244	51	45	22
9	17	41	25	19	18	19	38	221	237	50	44	22
10	17	42	24	22	17	20	39	250	245	50	44	29
11	18	42	24	23	17	21	40	239	231	49	44	29
12	18	43	23	20	18	21	41	224	223	48	44	26
13	18	42	23	20	18	21	42	207	214	47	43	24
14	19	40	23	20	18	22	47	210	200	45	43	23
15	18	38	23	19	18	22	55	242	189	44	42	22
16	18	39	23	19	17	22	63	289	180	42	40	22
17	17	39	22	18	19	23	83	347	169	44	52	22
18	17	36	22	18	17	23	120	311	157	42	53	22
19	18	36	21	18	18	23	158	329	146	38	45	23
20	20	36	21	18	18	23	160	359	135	37	50	22
21	44	35	21	18	19	23	141	390	121	37	44	22
22	48	33	22	18	19	22	120	412	109	36	41	22
23	40	34	20	18	19	23	120	414	101	36	39	22
24	37	33	19	19	19	22	165	413	96	35	48	22
25	36	33	19	19	19	22	167	404	89	37	43	22
26	34	33	19	18	19	23	160	347	85	51	38	22
27	34	31	19	18	19	23	181	337	79	53	35	22
28	52	31	19	18	19	23	185	333	71	52	34	23
29	57	30	20	18	---	23	186	325	69	51	32	23
30	49	30	19	18	---	23	160	328	65	49	31	22
31	46	---	20	18	---	23	---	319	---	49	30	---
Total	840	1,101	706	586	508	661	2,687	8,633	5,427	1,459	1,342	709
Mean	27.1	36.7	22.8	18.9	18.1	21.3	89.6	278	181	47.1	43.3	23.6
Max	57	43	30	23	19	23	186	414	309	61	54	29
Min	17	30	19	18	17	18	23	121	65	35	30	22
Ac-ft	1,670	2,180	1,400	1,160	1,010	1,310	5,330	17,120	10,760	2,890	2,660	1,410

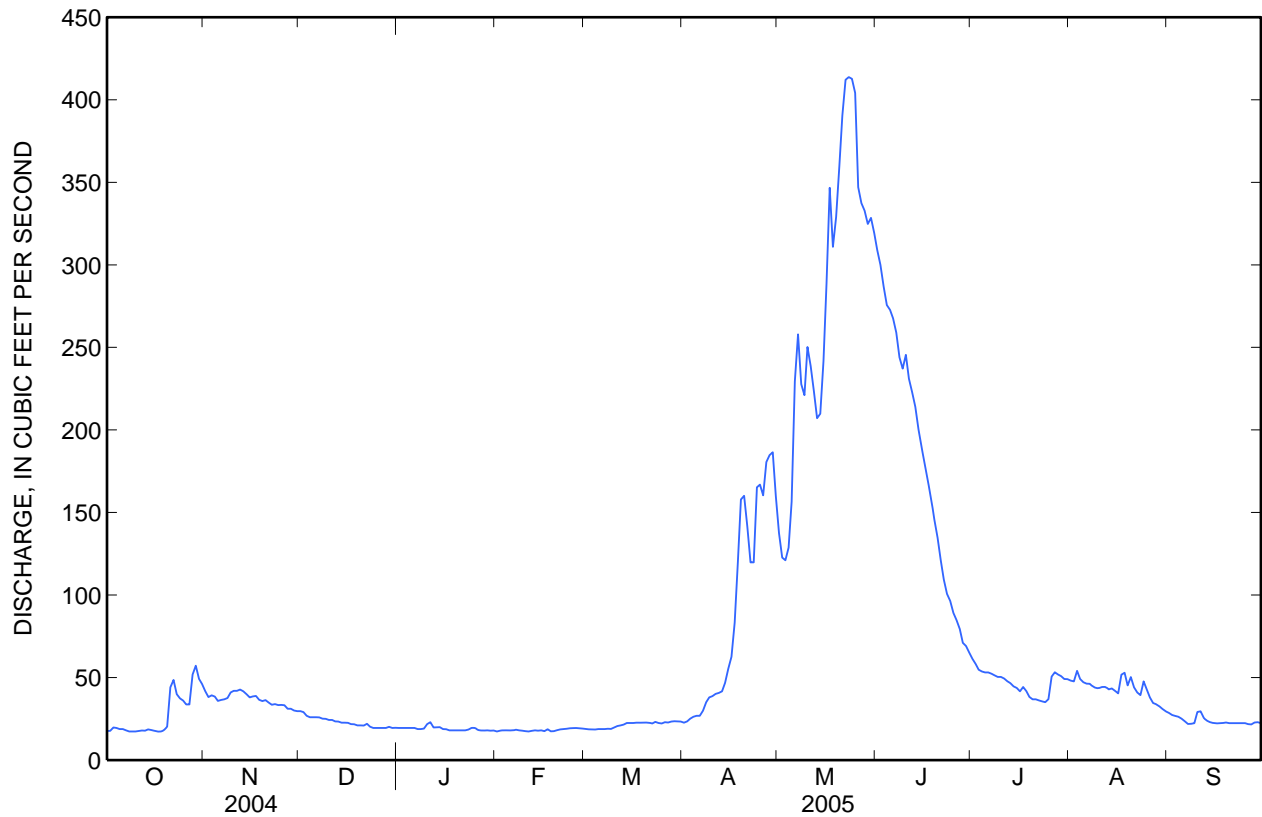
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	21.1	18.4	15.9	14.7	14.1	15.3	47.1	155	111	44.2	32.1	23.2
Max	38.2	36.7	25.4	22.4	21.4	24.5	89.6	296	314	126	51.2	35.1
(WY)	(1987)	(2005)	(1984)	(1984)	(1987)	(1986)	(2005)	(1998)	(1983)	(1983)	(1983)	(1997)
Min	11.9	12.0	10.2	10.1	10.5	10.7	17.7	37.9	24.1	14.4	12.0	13.0
(WY)	(2004)	(2003)	(1993)	(1993)	(2003)	(2003)	(1982)	(2002)	(2002)	(2002)	(2002)	(2002)

09261700 BIG BRUSH CREEK ABOVE RED FLEET RESERVOIR, NEAR VERNAL, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1980 - 2005	
Annual total	11,623		24,659			
Annual mean	31.8		67.6		42.8	
Highest annual mean					69.6	1998
Lowest annual mean					17.6	2002
Highest daily mean	181	May 7	414	May 23	414	May 23, 2005
Lowest daily mean	10	Feb 13	17	Oct 8	6.8	Aug 13, 2002
Annual seven-day minimum	11	Feb 7	18	Oct 7	8.8	Feb 7, 1992
Annual runoff (ac-ft)	23,050		48,910		30,990	
10 percent exceeds	55		217		96	
50 percent exceeds	25		31		21	
90 percent exceeds	12		18		12	





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09266500 ASHLEY CREEK NEAR VERNAL, UT

Green River Basin

LOCATION.--Lat 40°34'39", long 109°37'17" referenced to North American Datum of 1927, in NE ¼ NW ¼ NE ¼ sec.12, T.3 S., R.20 E., Uintah County, Hydrologic Unit 14060002, on right bank 0.8 mi upstream from head of Utah Power & Light Co.'s canal, 4.5 mi upstream from Dry Fork, and 10 mi northwest of Vernal.

DRAINAGE AREA.--101 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1911 to April 1912, August to December 1912, October 1914 to 1917, 1919 to current year. Monthly discharge only for some periods, published in WSP 1313.

GAGE.--Water-stage recorder. Datum of gage is 6,230.61 ft above NGVD of 1929. Prior to November 14, 1917, nonrecording and water-stage recorder at several sites within 1.5 mi of present site at various datums. November 14, 1917 to July 30, 1968, water-stage recorder at site 75 ft downstream at various datums.

REMARKS.--Records good. Flow increased since July 1940 by water released from Oaks Park Reservoir, capacity, 6,250 acre-ft on Big Brush Creek and diverted to Ashley Creek basin for irrigation. City of Vernal pipeline, capacity, approximately 11 ft³/s diverts water from tributary spring about 1,000 ft above station (diversion began August 1, 1941); at times, part of this flow is returned to Ashley Creek 2.5 mi below station. Prior to September 1961, pipeline capacity was approximately 5 ft³/s and the return flow entered Ashley Creek 0.5 mi below station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,100 ft³/s, Jun 15, 1995, gage height, 5.64 ft, from highwater mark; maximum gage height, 9.05 ft, Jun 16, 1929, datum then in use; minimum, 3.2 ft³/s, Mar 16, 1978.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 600 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
May 22	2100	*2,090	*5.79

Minimum daily discharge, 19 ft³/s, several days in Feb, Mar, and Apr.

09266500 ASHLEY CREEK NEAR VERNAL, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	33	50	51	25	e20	e20	19	172	e910	e170	71	79
2	35	47	48	25	e21	e20	20	156	e870	e165	80	78
3	34	51	48	24	e21	e19	21	152	e820	e162	79	77
4	34	53	47	24	e21	20	24	156	e780	e158	75	79
5	34	53	47	e24	e21	20	24	193	e750	e154	70	78
6	32	53	46	e24	e21	19	23	280	e730	e152	73	74
7	31	54	45	e24	e21	19	26	304	e700	e148	66	76
8	29	55	45	e24	e21	20	32	267	e670	e144	62	76
9	28	60	44	e27	e21	20	37	274	e680	e140	59	77
10	26	62	42	e28	e20	20	39	342	e670	e136	74	121
11	25	63	41	e24	e19	20	36	303	e640	e132	82	96
12	24	65	40	e24	e20	21	38	272	e620	e129	78	86
13	25	64	38	e24	e20	23	39	250	e600	e126	76	81
14	27	60	36	e23	e20	23	44	286	e570	e123	74	80
15	25	59	35	e23	e20	23	54	390	e540	120	70	80
16	24	62	33	e22	e19	23	67	594	e500	118	72	77
17	23	65	32	e22	e21	22	88	726	e470	124	102	76
18	23	59	32	e22	e19	22	114	606	e430	112	92	75
19	26	58	31	e22	e20	23	138	809	e400	109	81	74
20	30	60	30	e22	e20	24	149	1,070	e370	105	98	72
21	45	59	29	e22	e21	22	144	1,440	e340	109	77	72
22	44	54	28	e22	e21	22	139	1,340	e300	99	74	74
23	41	56	27	e23	e21	23	144	1,410	e285	93	73	72
24	43	55	28	e23	e21	23	187	e1,420	e268	94	96	70
25	44	57	27	e22	e21	23	189	e1,300	e251	109	84	68
26	45	56	26	e21	e20	21	186	e1,180	e234	120	81	67
27	46	50	26	e21	e20	21	211	e1,150	e217	95	82	64
28	58	53	25	e21	e20	22	215	e1,100	e200	86	80	68
29	54	49	25	e21	---	22	214	e1,050	e190	81	86	65
30	55	50	25	e21	---	20	189	e1,080	e180	78	82	61
31	58	---	25	e21	---	20	---	e950	---	75	80	---
Total	1,101	1,692	1,102	715	571	660	2,850	21,022	15,185	3,766	2,429	2,293
Mean	35.5	56.4	35.5	23.1	20.4	21.3	95.0	678	506	121	78.4	76.4
Max	58	65	51	28	21	24	215	1,440	910	170	102	121
Min	23	47	25	21	19	19	19	152	180	75	59	61
Ac-ft	2,180	3,360	2,190	1,420	1,130	1,310	5,650	41,700	30,120	7,470	4,820	4,550

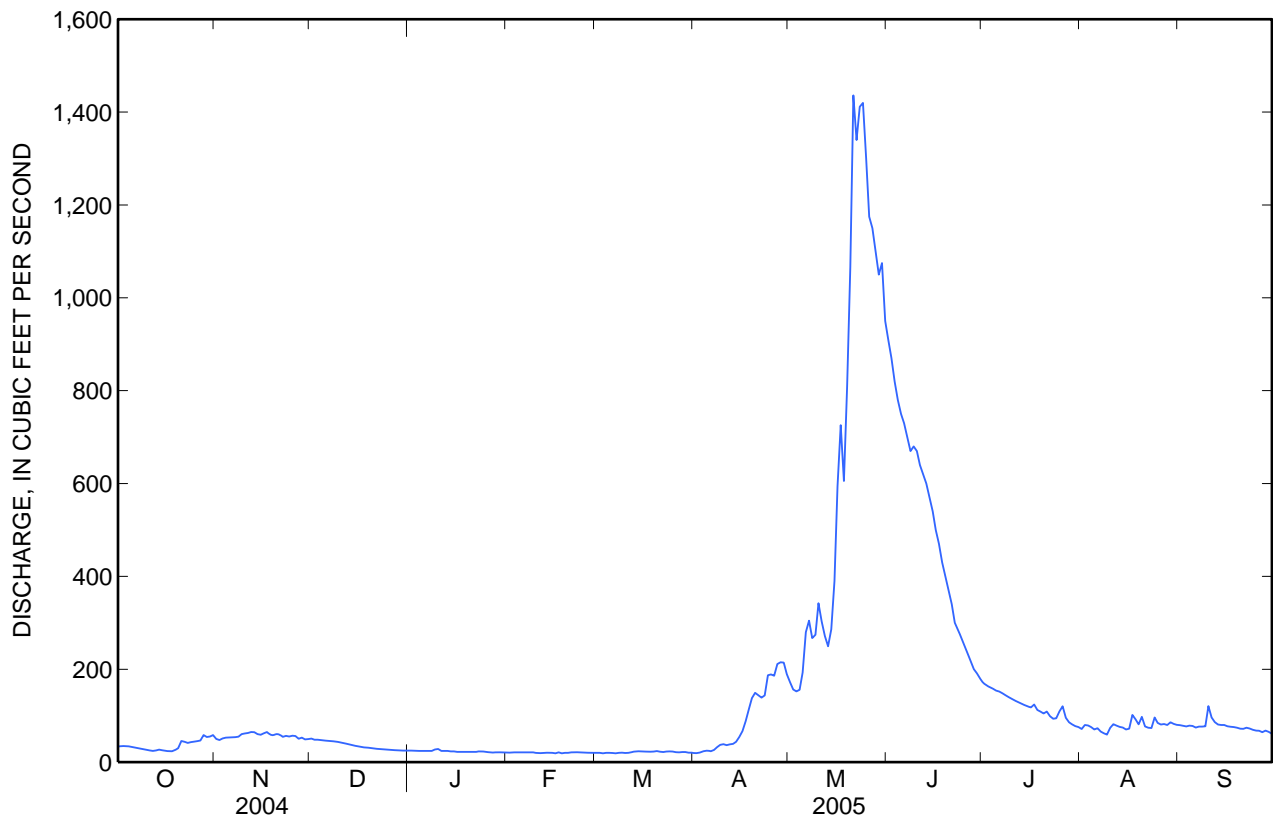
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1915 - 17, 1919 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	52.1	38.0	28.4	23.7	20.9	20.0	48.8	347	321	125	82.2	65.9
Max	154	104	64.2	45.0	40.0	43.3	162	739	1,051	360	161	230
(WY)	(1942)	(1942)	(1942)	(1928)	(1928)	(1916)	(1962)	(1986)	(1983)	(1975)	(1952)	(1927)
Min	6.91	5.57	7.74	5.12	4.60	4.54	6.22	71.7	56.0	19.8	13.2	7.81
(WY)	(1990)	(1990)	(1989)	(1977)	(1978)	(1978)	(1975)	(1977)	(2002)	(2002)	(2002)	(1989)

09266500 ASHLEY CREEK NEAR VERNAL, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1915 - 17, 1919 - 2005,	
Annual total	25,503.4		53,386			
Annual mean	69.7		146		98.2	
Highest annual mean					178	1921
Lowest annual mean					25.1	2002
Highest daily mean	595	May 6	1,440	May 21	2,530	Jun 15, 1995
Lowest daily mean	7.7	Jan 27	19	Feb 11	3.5	Jan 3, 1977
Annual seven-day minimum	8.3	Jan 24	20	Mar 1	3.8	Dec 31, 1976
Annual runoff (ac-ft)	50,590		105,900		71,110	
10 percent exceeds	154		378		227	
50 percent exceeds	49		58		42	
90 percent exceeds	11		21		14	





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09277500 DUCHESNE RIVER NEAR TABIONA, UT

Green River Basin

LOCATION.--Lat 40°18'01", long 110°36'06" referenced to North American Datum of 1927, in SE ¼ SW ¼ SE ¼ sec.18, T.2 S., R.6 W., Uintah Meridian, Duchesne County, Hydrologic Unit 14060003, on left bank on upstream side of bridge on State Highway 35, 6 mi upstream from Rock Creek, and 7 mi southeast of Tabiona.

DRAINAGE AREA.--353 mi².

WATER-DISCHARGE RECORDS

REVISED RECORDS.--WDR UT-77-1: Drainage area.

PERIOD OF RECORD.--October 1918 to current year. Monthly discharge only for some periods, published in WSP 1313.

GAGE.--Water-stage recorder. Elevation of gage is 6,190 ft above NGVD of 1929, from topographic map. Prior to October 15, 1934, nonrecording gage, and October 16, 1934 to November 6, 1953, water-stage recorder at site 0.5 mi upstream at various datums. November 7, 1953 to November 7, 1972, at site 1 mi upstream at different datum.

REMARKS.--Records good except for estimated daily discharges, which are fair. Several diversions above station for irrigation, including a transbasin diversion through Duchesne Tunnel 20 mi upstream.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,260 ft³/s, Jun 16, 1963, gage height, 7.97 ft, from floodmarks, caused by failure of Little Deer Creek Dam 20 mi upstream. Rating curve extended above 400 ft³/s, on basis of slope-area measurement and area-velocity study of peak flow; minimum discharge, 18 ft³/s, Jun 5, 6, 1992.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 900 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
May 24	0530	*2,160	*5.38
Jun 23	0530	1,230	4.27

Minimum discharge, 48 ft³/s, Sep 3.

09277500 DUCHESNE RIVER NEAR TABIONA, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	78	106	e82	80	74	77	81	178	800	550	74	56
2	78	105	e80	78	72	71	87	178	777	521	76	52
3	76	107	e80	80	73	75	90	175	697	505	71	52
4	76	105	e80	81	72	76	96	175	621	445	67	61
5	78	102	79	80	71	77	96	178	609	401	64	55
6	80	101	81	76	72	78	98	224	644	367	61	54
7	79	100	77	e76	75	82	109	232	613	210	60	55
8	81	101	86	e76	70	102	128	227	532	181	62	56
9	83	104	87	e75	e70	110	123	229	492	166	67	78
10	83	105	85	e76	e71	113	111	243	498	161	73	109
11	92	105	87	e74	e73	106	108	263	627	161	71	78
12	97	107	86	e74	77	112	111	254	629	159	64	74
13	94	104	86	e74	73	105	123	272	580	160	63	80
14	95	103	83	e74	74	97	134	285	592	136	58	80
15	92	100	84	e76	75	87	132	302	755	107	58	79
16	92	98	81	e78	69	93	135	358	578	100	65	79
17	93	98	81	e77	70	88	155	495	651	101	70	79
18	100	96	84	e77	70	84	181	468	637	103	69	79
19	111	88	80	e74	75	83	182	e600	879	98	68	79
20	159	89	79	73	73	87	175	e800	1,000	97	64	79
21	197	93	78	75	71	83	163	e1,100	941	86	63	87
22	153	94	e78	74	73	83	152	e1,400	952	81	64	84
23	124	90	e78	73	71	92	153	e1,900	1,100	e78	66	83
24	121	87	e76	77	68	85	206	1,590	988	e74	64	83
25	132	94	e76	78	70	88	197	1,450	906	e72	60	82
26	130	90	e76	75	73	81	181	1,060	926	e70	61	81
27	130	85	e78	76	72	84	191	938	815	e68	59	92
28	184	e84	78	74	73	88	202	946	710	e66	61	101
29	134	e84	83	74	---	85	199	1,090	646	e63	55	96
30	119	e84	80	71	---	83	184	1,060	585	61	54	99
31	114	---	81	71	---	79	---	938	---	73	55	---
Total	3,355	2,909	2,510	2,347	2,020	2,734	4,283	19,608	21,780	5,521	1,987	2,302
Mean	108	97.0	81.0	75.7	72.1	88.2	143	633	726	178	64.1	76.7
Max	197	107	87	81	77	113	206	1,900	1,100	550	76	109
Min	76	84	76	71	68	71	81	175	492	61	54	52
Ac-ft	6,650	5,770	4,980	4,660	4,010	5,420	8,500	38,890	43,200	10,950	3,940	4,570

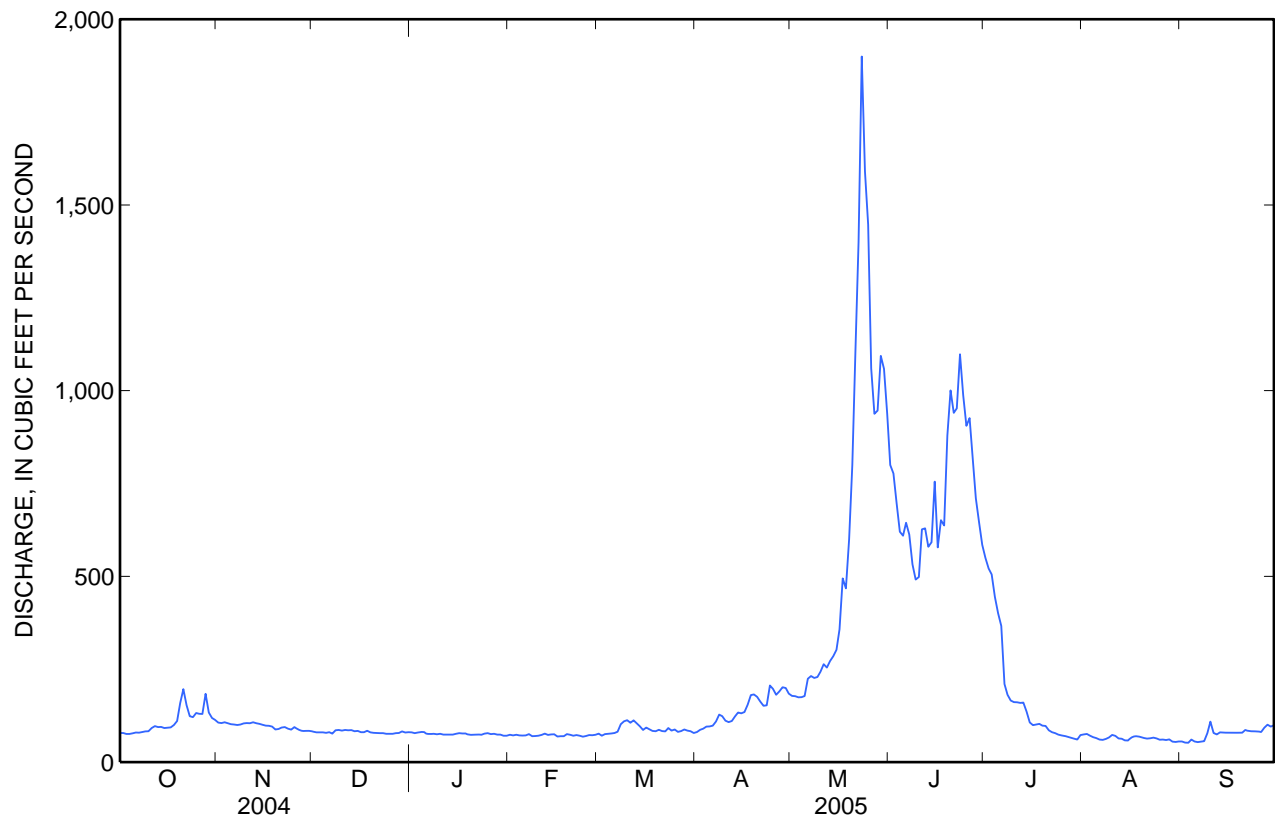
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1919 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	115	118	105	93.9	91.3	98.2	150	470	600	193	104	104
Max	230	180	151	147	124	153	348	1,165	1,657	690	216	233
(WY)	(1983)	(1983)	(1984)	(1966)	(1986)	(1986)	(1943)	(1952)	(1921)	(1975)	(1983)	(1927)
Min	37.5	57.6	64.2	51.7	53.2	53.8	53.9	63.9	54.7	40.3	37.6	48.7
(WY)	(1935)	(1935)	(2004)	(2004)	(1935)	(1935)	(1977)	(1992)	(1992)	(1994)	(2002)	(1934)

09277500 DUCHESNE RIVER NEAR TABIONA, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1919 - 2005	
Annual total	29,364		71,356			
Annual mean	80.2		195		187	
Highest annual mean					354	1922
Lowest annual mean					68.9	1992
Highest daily mean	217	May 6	1,900	May 23	2,490	Jun 13, 1921
Lowest daily mean	37	Jun 2	52	Sep 2	21	Jun 5, 1992
Annual seven-day minimum	44	Jan 11	55	Aug 28	30	May 31, 1992
Annual runoff (ac-ft)	58,240		141,500		135,500	
10 percent exceeds	115		595		374	
50 percent exceeds	75		86		108	
90 percent exceeds	49		68		71	



09277500 DUCHESNE RIVER NEAR TABIONA, UT—Continued

CLIMATOLOGICAL RECORDS

PERIOD OF RECORD.--October 2001 to current year.

INSTRUMENTATION.--An 8.2-inch diameter, unheated, tipping bucket rain gage.

REMARKS.--Records good except for snowfall-affected days, which are fair. Snowfall-affected data can result during the winter months when snow fills the rain gage bucket and then melts as temperatures rise. Snowfall-affected data is subject to appreciable errors.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily precipitation, 1.03 in., Apr 23, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum daily precipitation, 1.03 in., Apr 23.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.02	0.00	0.00	0.00
3	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
4	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
5	0.04	0.00	0.02	0.01	0.00	0.00	0.00	0.06	0.00	0.00	0.22	0.00
6	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.31	0.02	0.00	0.01	0.00
7	0.00	0.00	0.01	0.00	0.06	0.00	0.00	0.01	0.00	0.00	0.00	0.00
8	0.00	0.00	0.01	0.00	0.01	0.00	0.15	0.00	0.00	0.00	0.17	0.61
9	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.73
10	0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.09	0.06	0.00	0.18	0.01
11	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.35	0.05	0.00	0.00	0.00
12	0.00	0.00	0.01	0.01	0.31	0.00	0.00	0.02	0.00	0.00	0.00	0.00
13	0.00	0.00	0.01	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.01	---	0.01	0.11	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	---	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00
17	0.00	0.00	0.00	---	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.00
18	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	---	0.05	0.00	0.00	---	0.00	0.00	0.00	0.00
20	0.01	0.00	0.00	0.00	0.04	0.03	0.02	---	0.00	0.00	0.00	0.00
21	0.02	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.19
22	0.03	0.00	0.00	0.00	0.04	0.02	0.00	---	0.06	0.07	0.01	0.00
23	0.00	0.00	0.00	0.00	0.00	0.32	0.00	---	0.00	---	0.02	0.00
24	0.00	0.00	0.00	0.00	0.00	0.01	1.03	0.00	0.00	---	0.00	0.00
25	0.02	0.00	0.00	0.00	0.00	0.08	0.02	0.00	0.00	---	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.03	---	0.00	0.00
27	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	---	0.00	0.26
28	0.00	0.00	0.00	0.08	0.00	0.06	0.00	0.00	0.09	---	0.00	0.09
29	0.00	0.00	0.00	0.01	---	0.01	0.00	0.01	0.01	---	0.00	0.00
30	0.00	0.01	0.00	0.00	---	0.00	0.00	0.03	0.00	0.02	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.08	0.00	---
Total	0.16	0.01	0.14	0.20	0.56	0.68	1.23	0.95	0.35	0.17	1.04	1.97

WATER YEAR 2005 TOTAL 7.46

09279000 ROCK CREEK NEAR MOUNTAIN HOME, UT

Green River Basin

LOCATION.--Lat 40°29'36", long 110°34'39" referenced to North American Datum of 1927, in SE ¼ NW ¼ SW ¼ sec.9, T.1 N., R.6 W., Uintah Meridian, Duchesne County, Hydrologic Unit 14060003, Uintah and Ouray Indian Reservation, on right bank at Lower Stillwater damsite "B", 0.1 mi upstream from Corral Creek, 6.8 mi downstream from South Fork, and 11.9 mi northwest of Mountain Home.

DRAINAGE AREA.--147 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1937 to current year.

REVISED RECORDS.--WDR UT-77-1: Drainage area, WDR UT-95-1; 1994.

GAGE.--Water-stage recorder. Elevation of gage is 7,250 ft above NGVD of 1929, from river-profile map. Prior to April 12, 1939, nonrecording gage at site 300 ft upstream at different datum.

REMARKS.--Records good. Flow partially regulated by Upper Stillwater Reservoir 8 mi upstream, beginning November 3, 1987. Total capacity, 32,000 acre-ft.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,920 ft³/s, Jun 18, 1971, gage height, 5.98 ft; maximum gage height, 6.26 ft, Jun 4, 1986, from floodmarks; minimum recorded, 2.1 ft³/s, Dec 16, 2004, Feb 6, 2005 (probably caused by ice jams above station).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,150 ft³/s, May 28, gage height, 4.75 ft; minimum daily discharge 32 ft³/s, Nov 29, minimum discharge, 2.1 ft³/s, Dec 16, Feb 6.

09279000 ROCK CREEK NEAR MOUNTAIN HOME, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	44	43	35	41	46	47	39	55	861	180	135	54
2	44	39	34	39	50	47	40	57	856	176	171	54
3	44	39	36	39	46	46	43	55	845	174	174	55
4	44	39	36	39	48	45	45	55	799	172	173	56
5	44	38	37	39	46	44	44	56	755	169	173	55
6	44	38	38	37	45	45	46	64	755	166	170	54
7	43	38	37	42	46	44	49	60	753	164	169	54
8	43	40	39	39	46	45	53	58	745	157	168	55
9	44	43	40	40	48	45	49	58	731	151	169	60
10	44	40	39	42	46	46	46	62	723	149	165	61
11	46	41	38	42	47	45	45	64	712	146	157	56
12	45	42	38	39	48	48	47	61	697	147	152	55
13	44	41	38	49	48	47	49	58	680	149	146	55
14	43	39	37	43	46	45	49	57	664	148	146	55
15	42	38	38	41	47	43	48	58	668	156	124	55
16	42	37	37	41	48	40	49	60	670	184	62	54
17	42	37	36	40	48	39	50	61	689	204	60	54
18	46	37	37	40	57	39	51	59	710	205	58	54
19	49	38	37	41	48	38	50	60	736	195	57	54
20	78	35	36	41	47	38	48	126	773	200	56	54
21	74	37	42	41	48	37	47	240	793	202	57	59
22	59	38	52	43	46	38	46	534	820	201	58	56
23	51	38	33	42	46	39	47	700	841	201	57	57
24	50	38	33	46	48	39	59	814	812	202	56	56
25	52	38	39	45	48	40	57	895	578	200	56	55
26	52	36	39	45	47	39	52	949	454	195	55	55
27	54	38	39	45	47	39	51	1,040	336	171	55	57
28	65	37	40	45	48	40	52	884	329	124	56	57
29	52	32	40	45	---	38	51	785	253	119	54	56
30	48	33	40	45	---	38	49	856	188	119	55	55
31	46	---	39	44	---	38	---	848	---	118	54	---
Total	1,518	1,147	1,179	1,300	1,329	1,301	1,451	9,789	20,226	5,244	3,298	1,667
Mean	49.0	38.2	38.0	41.9	47.5	42.0	48.4	316	674	169	106	55.6
Max	78	43	52	49	57	48	59	1,040	861	205	174	61
Min	42	32	33	37	45	37	39	55	188	118	54	54
Ac-ft	3,010	2,280	2,340	2,580	2,640	2,580	2,880	19,420	40,120	10,400	6,540	3,310

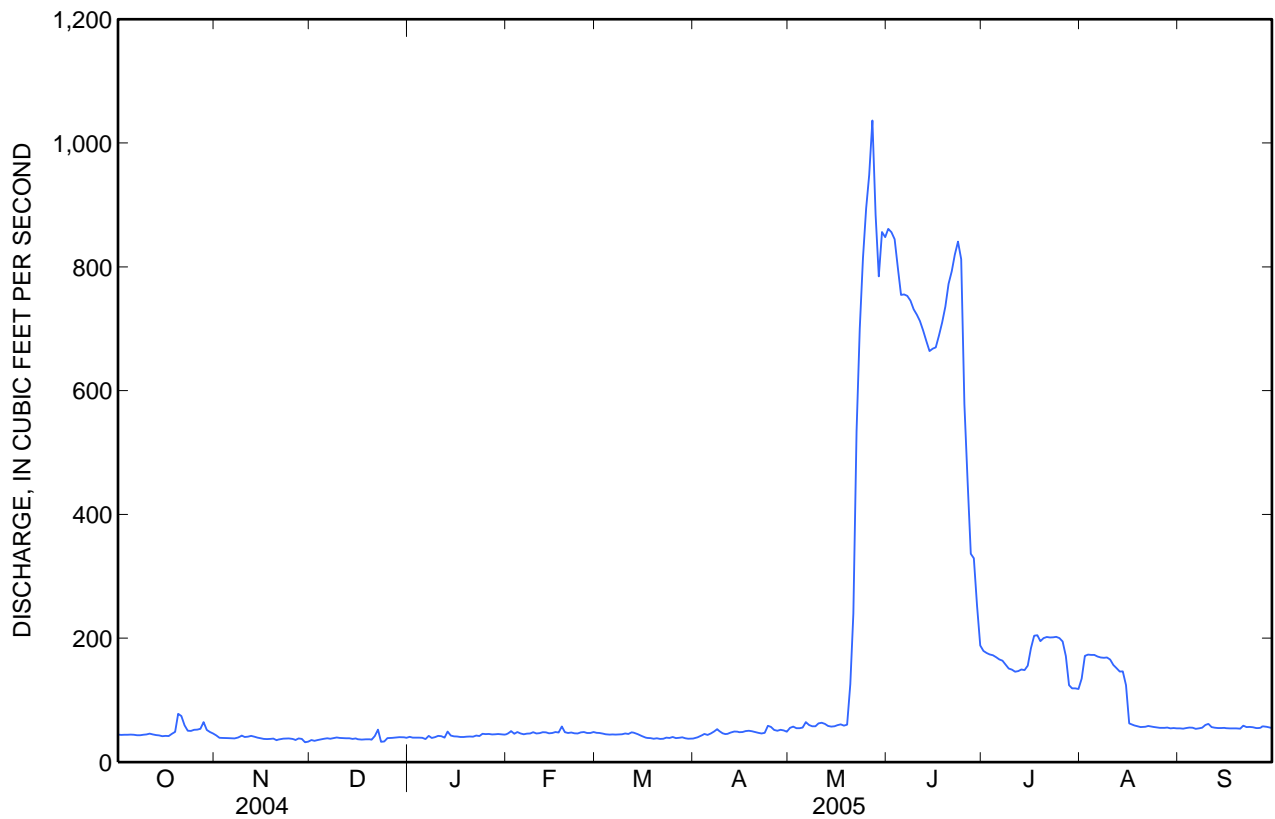
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	55.3	51.2	48.7	46.5	46.6	49.0	48.8	120	239	170	88.1	71.6
Max	133	135	137	123	111	116	111	431	743	599	241	253
(WY)	(1998)	(1998)	(1998)	(1998)	(1998)	(1998)	(1999)	(1997)	(1999)	(1998)	(1999)	(1999)
Min	32.0	30.2	29.5	27.3	29.0	29.9	33.5	41.3	43.7	44.0	41.8	38.4
(WY)	(1990)	(1990)	(1991)	(1991)	(1988)	(1988)	(1995)	(1992)	(1992)	(1991)	(1991)	(1993)

09279000 ROCK CREEK NEAR MOUNTAIN HOME, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1988 - 2005	
Annual total	16,546		49,449			
Annual mean	45.2		135		86.4	
Highest annual mean					212	1999
Lowest annual mean					40.1	1992
Highest daily mean	78	Oct 20	1,040	May 27	1,310	Jul 1, 1998
Lowest daily mean	32	Nov 29	32	Nov 29	22	Dec 1, 1991
Annual seven-day minimum	35	Nov 28	35	Nov 28	26	Dec 30, 1987
Annual runoff (ac-ft)	32,820		98,080		62,600	
10 percent exceeds	57		383		150	
50 percent exceeds	44		49		46	
90 percent exceeds	37		38		33	



Water-Data Report UT-2005

09288180 STRAWBERRY RIVER NEAR DUCHESNE, UT

Green River Basin

LOCATION.--Lat 40°09'17", long 110°33'15" referenced to North American Datum of 1927, in SE ¼ SW ¼ sec.3, T.4 S., R.6 W., Duchesne County, Hydrologic Unit 14060004, on left bank 50 ft downstream from County Road bridge, 2,000 ft upstream from maximum high-water line of Starvation Reservoir, and 7.9 mi west of Duchesne.

DRAINAGE AREA.--917 mi² (includes approximately 170 mi² tributary to Strawberry Reservoir).

WATER-DISCHARGE RECORDS

REVISED RECORDS.--WDR UT-77-1: Drainage area.

PERIOD OF RECORD.--May 1968 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,722 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Strawberry Reservoir since July 14, 1912. Capacity, 1,106,500 acre-ft since June 30, 1973; 283,000 acre-ft prior to June 30, 1973. New earthfilled dam located 7 mi below old dam was completed in September 1972, and storage began June 30, 1973. The elevation of the new reservoir reached the elevation of the old reservoir on March 15, 1985, and the old dam was breached on June 6, 1985.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,870 ft³/s, Aug 15, 2003, gage height, 8.81 ft; minimum recorded, 17 ft³/s, Jun 20, 1977.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,090 ft³/s, May 21, gage height, 8.03 ft; minimum daily discharge, 65 ft³/s, Oct 15, 17.

09288180 STRAWBERRY RIVER NEAR DUCHESNE, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	88	80	e74	e78	e76	111	101	305	579	166	132	103
2	84	76	e76	e78	e77	97	115	293	543	158	124	103
3	75	78	e76	e78	e77	98	122	281	509	152	117	105
4	73	78	e78	e80	e78	97	128	271	455	148	113	105
5	74	76	e78	e80	e78	104	128	279	411	141	110	109
6	72	76	e80	e79	e79	99	126	334	381	139	119	107
7	71	77	e80	e79	e79	98	130	426	365	137	119	108
8	69	78	e82	e77	e79	105	142	477	344	131	114	118
9	69	80	e84	e77	e80	121	150	484	323	127	115	148
10	71	78	e84	e74	e82	140	149	515	301	128	116	195
11	69	81	e84	e76	e84	135	142	562	291	127	123	127
12	69	88	e82	e76	e84	122	139	538	288	124	117	116
13	68	88	e82	e77	e85	124	138	491	274	123	112	122
14	66	84	e82	e77	86	120	139	459	260	122	112	121
15	65	84	e82	e78	119	112	140	462	251	118	110	121
16	66	84	e82	e78	96	117	144	515	247	117	110	121
17	65	83	e82	e79	86	115	155	629	239	112	109	118
18	67	82	e84	e78	79	112	177	679	229	111	109	105
19	70	82	e84	e78	82	109	203	637	215	112	103	101
20	75	80	e86	e77	84	110	216	691	205	110	101	100
21	96	80	e84	e76	85	109	206	945	201	108	104	102
22	110	80	e82	e74	90	107	195	1,020	202	110	104	107
23	84	79	e80	e74	92	115	191	1,030	208	113	106	106
24	77	78	e78	e74	86	115	224	964	199	121	107	105
25	81	78	e76	e74	83	113	273	995	189	119	106	104
26	80	77	e74	e74	88	108	260	1,020	184	116	102	102
27	77	77	e72	e74	91	106	264	894	182	112	105	104
28	133	e77	e74	e75	93	108	294	776	176	108	110	121
29	99	e76	e74	e75	---	108	301	701	186	107	106	107
30	88	e76	e76	e76	---	106	306	674	176	108	103	103
31	84	---	e76	e76	---	100	---	630	---	130	101	---
Total	2,435	2,391	2,468	2,376	2,378	3,441	5,398	18,977	8,613	3,855	3,439	3,414
Mean	78.5	79.7	79.6	76.6	84.9	111	180	612	287	124	111	114
Max	133	88	86	80	119	140	306	1,030	579	166	132	195
Min	65	76	72	74	76	97	101	271	176	107	101	100
Ac-ft	4,830	4,740	4,900	4,710	4,720	6,830	10,710	37,640	17,080	7,650	6,820	6,770

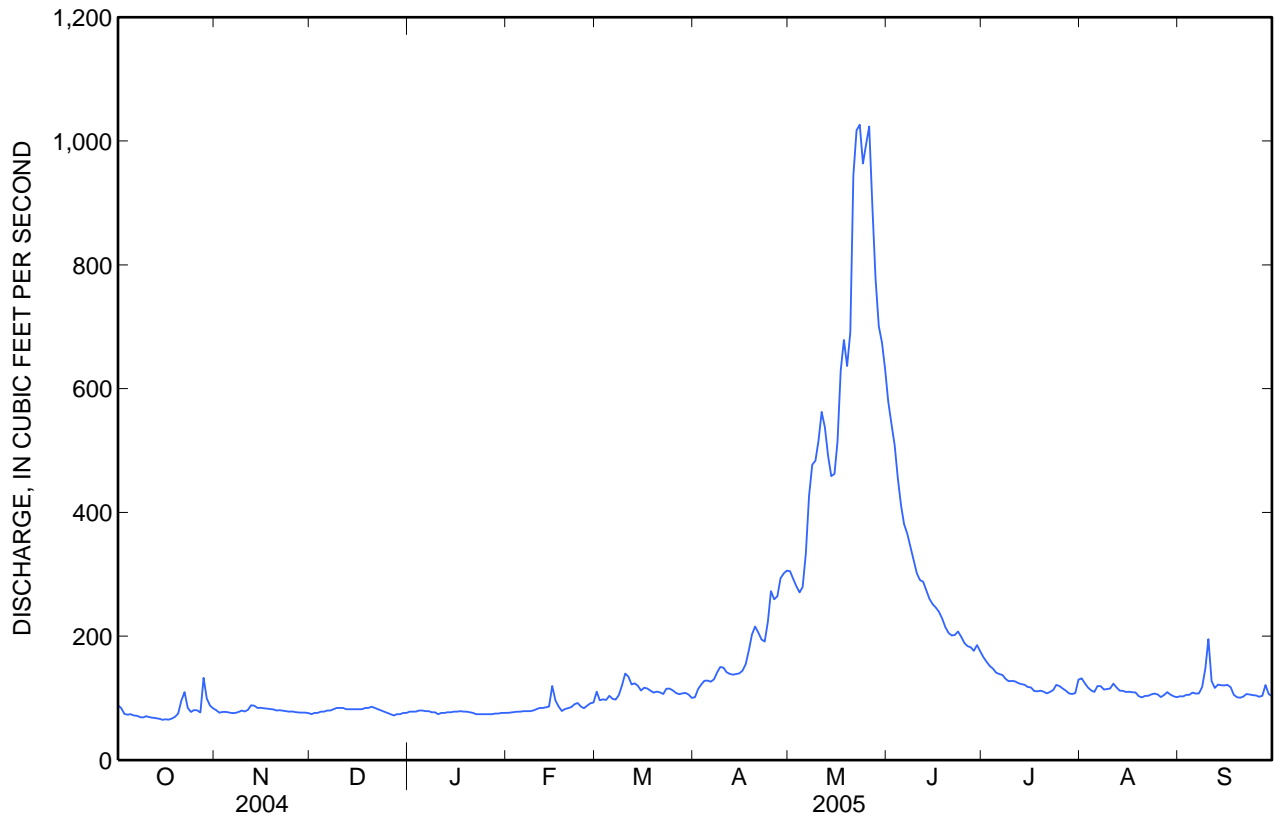
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	106	95.8	93.5	88.0	94.2	113	167	385	265	135	114	112
Max	378	258	372	362	336	293	387	1,031	1,181	518	403	371
(WY)	(1984)	(1999)	(1984)	(1984)	(1984)	(1983)	(1983)	(1984)	(1983)	(1983)	(1983)	(1984)
Min	37.1	57.0	47.9	33.1	34.1	59.6	57.5	44.2	32.9	36.9	29.9	33.8
(WY)	(1978)	(1978)	(1978)	(2004)	(2004)	(1977)	(1977)	(1977)	(1977)	(1977)	(1977)	(1977)

09288180 STRAWBERRY RIVER NEAR DUCHESNE, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1968 - 2005	
Annual total	30,195		59,185			
Annual mean	82.5		162		147	
Highest annual mean					443	1984
Lowest annual mean					47.5	1977
Highest daily mean	430	May 24	1,030	May 23	2,010	May 31, 1983
Lowest daily mean	24	Feb 17	65	Oct 15	18	Jun 20, 1977
Annual seven-day minimum	26	Feb 13	67	Oct 12	20	Jun 19, 1977
Annual runoff (ac-ft)	59,890		117,400		106,600	
10 percent exceeds	114		305		304	
50 percent exceeds	78		106		94	
90 percent exceeds	33		76		61	





Water-Data Report UT-2005

09289500 LAKE FORK RIVER ABOVE MOON LAKE, NEAR MOUNTAIN HOME, UT

Green River Basin

LOCATION.--Lat 40°36'24", long 110°31'35" referenced to North American Datum of 1927, in SW ¼ SE ¼ SE ¼ sec.35, T.3 N., R.6 W., Duchesne County, Hydrologic Unit 14060003, Ashley National Forest, on right bank 2,000 ft upstream from head of Moon Lake at maximum stage, 2 mi upstream from Brown Duck Creek, 16 mi north of Mountain Home.

DRAINAGE AREA.--77.9 mi².

WATER-DISCHARGE RECORDS

REVISED RECORDS.--WDR UT-78-1: Drainage area.

PERIOD OF RECORD.--April 1933 to September 1934 (published as West Fork of Lake Fork above Moon Lake, near Mountain Home); July 1942 to September 1955; October 1963 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 8,180 ft above NGVD of 1929, from topographic map. April 1933 to September 1934, at site 2.5 mi upstream at different datum. July 13, 1942 to October 1, 1984, at datum 1.00 ft lower.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,740 ft³/s, Jun 27, 1995, gage height, 6.44 ft, minimum daily discharge, 12 ft³/s, 1 day in 1989 and 1997, and several days in 1993 and 1996.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,000 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
May 25	0200	1,600	6.27
Jun 19	--	*1,900	*6.51

Minimum daily discharge, 29 ft³/s, Dec 25.

09289500 LAKE FORK RIVER ABOVE MOON LAKE, NEAR MOUNTAIN HOME, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	43	34	e32	e31	e34	e33	37	73	864	604	178	69
2	40	41	e32	e32	e34	e32	37	71	828	615	182	67
3	39	49	e33	e33	e33	e32	36	67	706	597	161	67
4	38	48	e32	e34	e34	e31	37	68	582	528	162	72
5	38	46	e31	e35	e34	e31	37	76	615	488	168	67
6	e38	47	e31	e35	e35	e30	39	95	670	460	151	64
7	e37	47	e31	e36	e34	e30	44	89	609	417	136	63
8	37	49	e31	e37	e34	e31	48	82	499	391	130	63
9	36	52	e32	e36	e33	e31	47	89	430	380	139	77
10	38	51	e32	e36	e33	e32	45	102	424	363	134	104
11	39	51	e32	e35	e32	e32	44	92	380	346	123	77
12	39	52	e33	e35	e32	e33	46	82	358	338	112	72
13	38	51	e32	e34	e33	e33	47	79	348	327	106	70
14	36	49	e32	e34	e33	e34	45	89	446	319	100	68
15	35	45	e32	e33	e34	e34	38	110	717	303	97	65
16	35	49	e33	e33	e34	e35	51	151	932	292	101	63
17	35	49	e33	e32	e35	e35	64	181	1,150	286	101	62
18	38	43	e34	e32	e34	36	72	169	1,320	261	94	61
19	41	41	e33	e31	e33	36	67	252	1,380	236	91	58
20	52	32	e32	e31	e33	35	62	444	1,250	224	89	57
21	54	44	e32	e31	e32	35	58	705	1,210	213	87	64
22	49	48	e31	e31	e32	36	55	904	1,280	206	86	63
23	47	44	e31	e31	e33	36	59	1,070	1,210	213	86	58
24	47	43	e30	e32	e33	35	69	1,270	996	206	83	56
25	48	47	e29	e32	e34	35	65	1,400	895	194	80	54
26	48	41	e30	e32	e34	36	67	1,250	892	169	78	53
27	49	34	e31	e33	e34	37	80	1,270	752	150	77	55
28	51	e34	e32	e33	e33	36	85	1,340	730	140	78	62
29	48	e34	e33	e33	---	35	80	1,280	686	133	75	54
30	49	e33	e32	e33	---	35	75	1,090	619	142	72	52
31	47	---	e31	e34	---	34	---	882	---	186	70	---
Total	1,309	1,328	985	1,030	936	1,046	1,636	14,922	23,778	9,727	3,427	1,937
Mean	42.2	44.3	31.8	33.2	33.4	33.7	54.5	481	793	314	111	64.6
Max	54	52	34	37	35	37	85	1,400	1,380	615	182	104
Min	35	32	29	31	32	30	36	67	348	133	70	52
Ac-ft	2,600	2,630	1,950	2,040	1,860	2,070	3,250	29,600	47,160	19,290	6,800	3,840

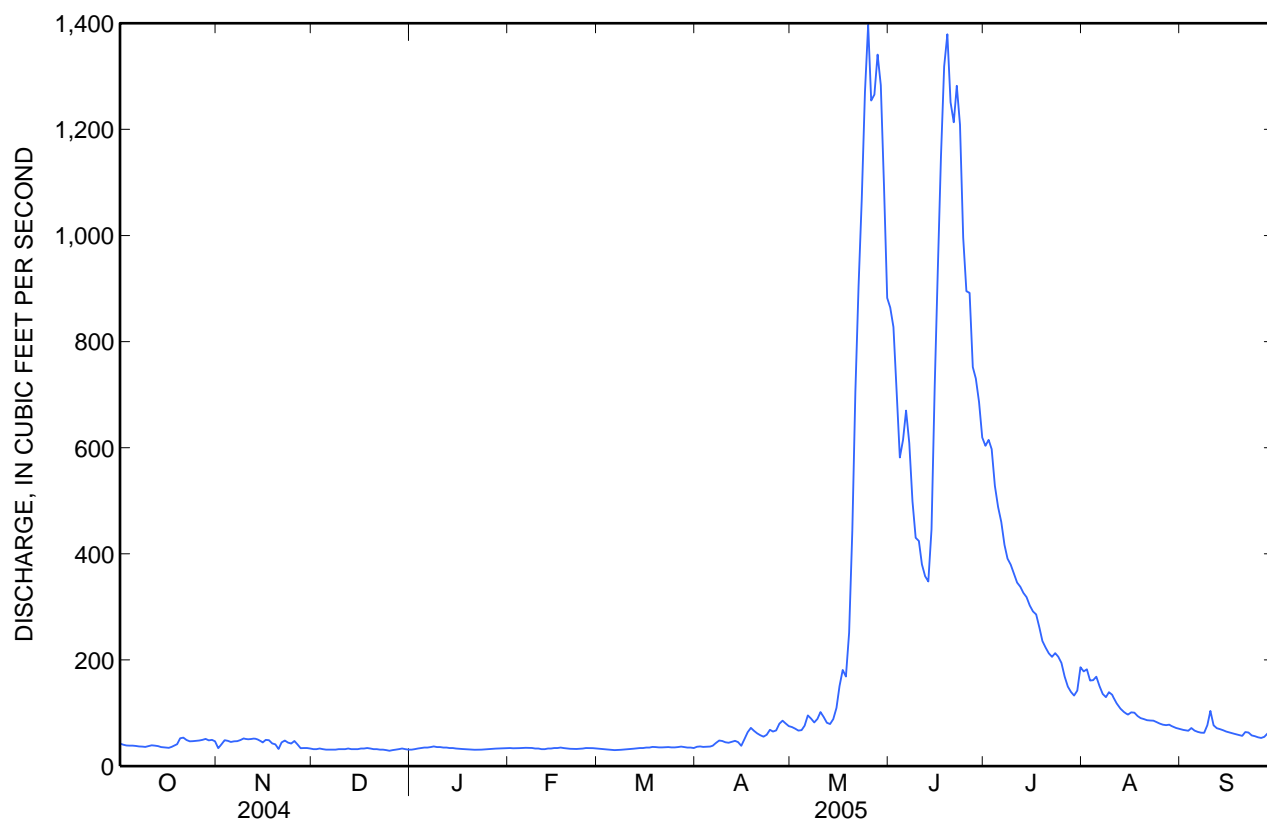
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	51.9	38.7	30.1	26.2	24.2	25.2	40.8	263	519	213	92.3	68.9
Max	142	80.1	61.3	40.1	39.5	46.5	89.5	578	946	772	212	174
(WY)	(1983)	(1983)	(1983)	(1983)	(1988)	(1988)	(1969)	(1969)	(1995)	(1995)	(1965)	(1997)
Min	26.3	21.1	15.0	14.8	13.6	15.0	18.6	65.9	148	40.0	29.8	32.1
(WY)	(1989)	(2002)	(1993)	(1993)	(1997)	(1977)	(1993)	(1977)	(2002)	(2002)	(2002)	(1988)

09289500 LAKE FORK RIVER ABOVE MOON LAKE, NEAR MOUNTAIN HOME, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1964 - 2005	
Annual total	30,587		62,061			
Annual mean	83.6		170		116	
Highest annual mean					195	1995
Lowest annual mean					50.8	2002
Highest daily mean	467	Jun 6	1,400	May 25	2,120	Jun 27, 1995
Lowest daily mean	16	Feb 11	29	Dec 25	12	Feb 6, 1989
Annual seven-day minimum	17	Feb 8	31	Dec 21	13	Apr 10, 1993
Annual runoff (ac-ft)	60,670		123,100		84,240	
10 percent exceeds	226		588		288	
50 percent exceeds	44		49		42	
90 percent exceeds	23		32		22	





Water-Data Report UT-2005

09290500 MOON LAKE RESERVOIR NEAR MOUNTAIN HOME, UT

Green River Basin

LOCATION.--Lat 40°33'43", long 110°29'21" referenced to North American Datum of 1927, in NW ¼ NE ¼ NE ¼ sec.19, T.2 N., R.5 W., Uintah Meridian, Duchesne County, Hydrologic Unit 14060003, Ashley National Forest, at dam on Lake Fork River, 1.4 mi downstream from Brown Duck Creek, 10.5 mi upstream from Yellowstone River, and 12.5 mi northwest of Mountain Home.

DRAINAGE AREA.--108 mi².

RESERVOIR-CONTENTS RECORDS

REVISED RECORDS.--WDR UT-77-1: 1975.

PERIOD OF RECORD.--December 1937 to current year.

GAGE.--Nonrecording gage read once daily on days shown. Datum of gage is 8064.16 ft above sea level, (levels by Bureau of Reclamation).

COOPERATION.--Capacity table provided by Bureau of Reclamation. Gage heights furnished by Moon Lake Water Users Association.

REMARKS.--Reservoir formed by earthfill, rock-faced dam with concrete core. Storage began December 9, 1937. Capacity, 35,760 acre-ft between elevations 8,072.00 ft, crest of original outlet of lake, about 2,000 ft upstream from dam, and 8,137.00 ft, top of spillway gates. Elevation of spillway crest is 8,121.00 ft and elevation of sill of outlet works is 8,064.16 ft. Dead storage between sill of outlet and crest of original outlet of lake, 2,050 acre-ft. Total dead storage, 13,740 acre-ft. Figures given herein represent usable contents. Water is used for irrigation on lands under Moon Lake Water Users Association and Ute Indian Irrigation projects.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 37,560 acre-ft, Jul 10,11, 1950; elevation, 8,139.30 ft; minimum observed, 226 acre-ft, Sep 30, 1946.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 36,610 acre-ft, Jul 1, elevation, 8,138.1 ft; minimum contents observed, 9,340 acre-ft, Oct 1, elevation, 8,095.9 ft.

MONTHEND INSTANTANEOUS CONTENTS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Contents (acre-feet)	Change in contents (acre-feet)
Oct 31	12,660	+3,330
Nov 30	15,170	+2,510
Dec 31	17,650	+2,480
CAL YR 2004	--	+4,110
Jan 31	20,070	+2,420
Feb 28	22,010	+1,940
Mar 31	24,140	+2,130
Apr 30	21,280	-2,860
May 31	29,200	+7,920
Jun 30	36,370	+7,170
Jul 31	33,720	-2,650
Aug 31	23,020	-10,700
Sep 30	16,120	-6,900
WTR 2005	--	+6,790

Readings normally made on the first of each month.

09291000 LAKE FORK RIVER BELOW MOON LAKE, NEAR MOUNTAIN HOME, UT

Green River Basin

LOCATION.--Lat 40°33'23", long 110°29'02" referenced to North American Datum of 1927, in SW ¼ SW ¼ NW ¼ sec.20, T.2 N., R.5 W., Duchesne County, Uintah Meridian, Hydrologic Unit 14060003, Ashley National Forest, on right bank 2,000 ft downstream from Moon Lake Dam, 2 mi downstream from Brown Duck Creek, and 12 mi northwest of Mountain Home.

DRAINAGE AREA.--112 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--September 1921 to September 1934 (fragmentary), April 1942 to current year. Published as West Fork of Lake Fork near Mountain Home 1921-34, and as Lake Fork below Moon Lake, near Mountain Home 1942-65.

REVISED RECORDS.--WSP 1313: 1930 (M). WDR UT-77-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 7,970 ft above NGVD of 1929 by barometer. Prior to April 1942, at damsite 2,000 ft upstream at different datum.

REMARKS.--Records good except for estimated daily discharges, which are fair. Flow regulated by Moon Lake Reservoir (see station 09290500). No diversion above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 2,180 ft³/s, Jun 19, 1949, gage height, 4.83 ft, from rating curve extended above 860 ft³/s; maximum gage height, 5.46 ft, Jun 26, 1944; no flow at times when reservoir gates are closed.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,580 ft³/s, Jun 20, gage height, 4.92 ft; no flow many days.

09291000 LAKE FORK RIVER BELOW MOON LAKE, NEAR MOUNTAIN HOME, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	e0.00	e0.00	e0.00	0.00	0.00	0.00	e414	684	588	335	409
2	0.00	e0.00	e0.00	e0.00	0.00	0.00	0.00	e427	789	644	298	463
3	0.00	e0.00	e0.00	e0.00	0.00	0.00	0.00	e425	865	677	289	465
4	0.00	e0.00	e0.00	e0.00	0.00	0.00	0.00	e440	856	566	289	451
5	0.00	e0.00	e0.00	e0.00	0.00	0.00	0.00	458	844	419	292	430
6	e0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	477	840	496	284	430
7	e0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	506	834	450	300	427
8	e0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	525	749	396	317	428
9	e0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	521	570	357	327	412
10	e0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	514	496	351	320	375
11	e0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	506	496	333	295	299
12	e0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	499	492	307	290	167
13	e0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	491	325	302	300	70
14	e0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	483	224	297	346	42
15	e0.00	e0.00	e0.00	0.00	0.00	0.00	e17	476	227	291	342	46
16	e0.00	e0.00	e0.00	0.00	0.00	0.00	e22	471	231	287	310	102
17	e0.00	e0.00	e0.00	0.00	0.00	0.00	e23	471	237	285	265	120
18	e0.00	e0.00	e0.00	0.00	0.00	0.00	e66	468	293	288	254	119
19	e0.00	e0.00	e0.00	0.00	0.00	0.00	e81	465	950	307	286	84
20	e0.00	e0.00	e0.00	0.00	0.00	0.00	e80	469	1,200	314	299	38
21	e0.00	e0.00	e0.00	0.00	0.00	0.00	e159	476	1,160	355	297	38
22	e0.00	e0.00	e0.00	0.00	0.00	0.00	e239	488	1,190	389	296	38
23	e0.00	e0.00	e0.00	0.00	0.00	0.00	e239	506	1,190	338	298	26
24	e0.00	e0.00	e0.00	0.00	0.00	0.00	e268	528	1,040	299	317	15
25	e0.00	e0.00	e0.00	0.00	0.00	0.00	e290	450	949	285	349	15
26	e0.00	e0.00	e0.00	0.00	0.00	0.00	e337	482	956	243	421	15
27	e0.00	e0.00	e0.00	0.00	0.00	0.00	e363	527	772	292	415	15
28	e0.00	e0.00	e0.00	0.00	0.00	0.00	e377	539	734	300	402	15
29	e0.00	e0.00	e0.00	0.00	---	0.00	e392	554	786	318	380	15
30	e0.00	e0.00	e0.00	0.00	---	0.00	e392	567	672	366	372	15
31	e0.00	---	e0.00	0.00	---	0.00	---	642	---	361	387	---
Total	0.00	0.00	0.00	0.00	0.00	0.00	3,345.00	15,265	21,651	11,501	9,972	5,584
Mean	0.00	0.00	0.00	0.00	0.00	0.00	112	492	722	371	322	186
Max	0.00	0.00	0.00	0.00	0.00	0.00	392	642	1,200	677	421	465
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	414	224	243	254	15
Ac-ft	0.00	0.00	0.00	0.00	0.00	0.00	6,630	30,280	42,940	22,810	19,780	11,080

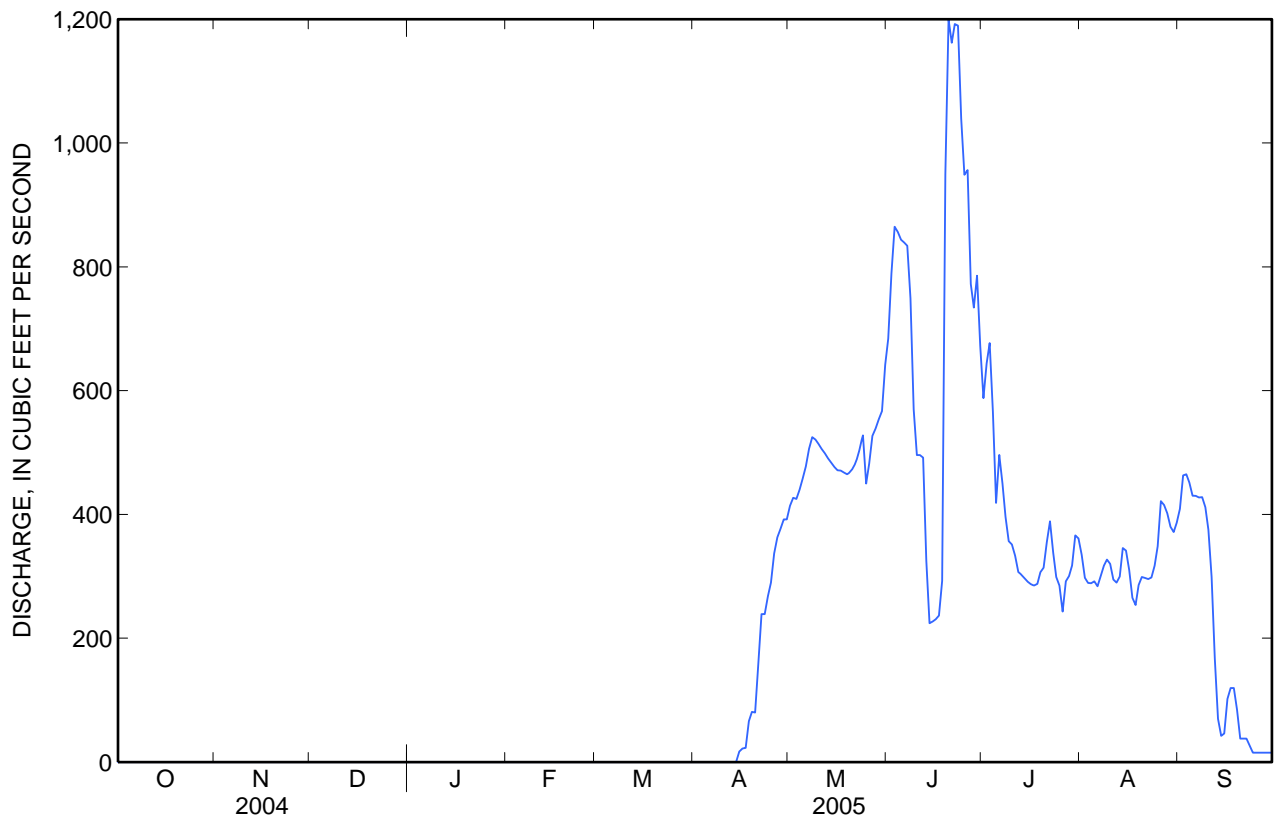
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	46.7	6.99	0.92	1.41	2.20	3.30	47.7	302	373	349	246	136
Max	202	120	17.3	28.2	44.4	72.3	202	555	920	717	410	326
(WY)	(1983)	(1966)	(1984)	(1984)	(1966)	(1966)	(1943)	(1969)	(1983)	(1995)	(1944)	(1984)
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	130	144	127	35.6	0.00
(WY)	(1991)	(1948)	(1943)	(1943)	(1943)	(1943)	(1944)	(1977)	(1945)	(2002)	(1989)	(1992)

09291000 LAKE FORK RIVER BELOW MOON LAKE, NEAR MOUNTAIN HOME, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1943 - 2005	
Annual total	33,624.00		67,318.00			
Annual mean	91.9		184		127	
Highest annual mean					211	1983
Lowest annual mean					56.4	2002
Highest daily mean	524	May 14	1,200	Jun 20	2,000	Jun 19, 1949
Lowest daily mean	0.00	Jan 1	0.00	Oct 1	0.00	Oct 15, 1942
Annual seven-day minimum	0.00	Jan 1	0.00	Oct 1	0.00	Oct 15, 1942
Annual runoff (ac-ft)	66,690		133,500		92,070	
10 percent exceeds	312		506		365	
50 percent exceeds	0.00		0.00		11	
90 percent exceeds	0.00		0.00		0.00	



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09292000 YELLOWSTONE RIVER AT BRIDGE CAMPGROUND NEAR ALTONAH, UT

Green River Basin

LOCATION.--Lat 40°32'47", long 110°19'59" referenced to North American Datum of 1927, in SW ¼ NW ¼ NW ¼ sec.27, T.2 N., R.4 W., Uintah Mridain, Duchesne County, Hydrologic Unit 14060003, on right bank 0.5 mi upstream from powerplant of Moon Lake Electric Association, Inc., 1.5 mi downstream from Yellowstone Ranch, and 10.6 mi northwest of Altonah.

DRAINAGE AREA.--114 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1996 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 7,650 ft above NGVD of 1929, from USGS topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Diversion upstream for power generation.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,000 ft³/s, Jun 19, 2005, gage height, 7.00 ft; minimum daily discharge, 7.6 ft³/s, Sep 9, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,000 ft³/s, Jun 19, gage height, 7.00 ft; minimum daily discharge, 11 ft³/s, Dec 22.

09292000 YELLOWSTONE RIVER AT BRIDGE CAMPGROUND NEAR ALTONAH, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	38	35	e23	e13	e23	25	24	47	973	509	198	88
2	32	42	e23	e12	e24	28	24	42	1,020	538	208	84
3	35	40	e23	e12	e24	27	26	40	939	536	192	83
4	35	36	e22	e12	e24	22	27	38	731	507	187	121
5	32	33	e21	e12	e25	22	25	49	775	494	239	127
6	30	33	e20	e13	e25	24	28	87	836	485	230	123
7	28	34	e19	e15	e26	24	35	74	758	476	193	119
8	26	39	e18	e19	e27	25	41	61	588	454	180	121
9	25	48	e17	e21	e27	25	36	64	556	450	182	148
10	24	43	e17	e24	e28	27	33	83	558	444	176	220
11	22	43	e16	e25	e27	27	33	88	515	418	168	147
12	21	43	e15	e25	e26	30	35	67	479	401	151	132
13	20	40	e14	e24	e26	30	40	60	482	384	143	122
14	19	34	e14	e23	e25	30	44	68	552	368	136	107
15	18	34	e15	e23	e25	37	47	92	805	359	131	97
16	16	36	e17	e23	e25	33	53	145	1,070	339	135	90
17	16	36	e17	e24	e25	28	69	197	1,250	342	135	85
18	22	30	e16	e25	e25	27	79	197	1,380	322	126	79
19	30	32	e15	e24	e24	27	66	252	1,380	306	120	71
20	70	24	e13	e23	e24	28	51	357	1,190	291	115	65
21	73	37	e12	e22	e25	28	44	505	1,100	284	115	76
22	32	34	e11	e21	25	25	42	745	1,150	272	115	75
23	33	30	e12	e20	26	27	48	1,000	1,160	287	118	65
24	47	29	e13	e21	33	25	67	1,190	1,050	298	112	64
25	48	30	e13	e21	36	25	83	1,310	884	297	106	57
26	45	26	e14	e21	31	26	82	1,230	768	263	88	53
27	46	e25	e14	e22	33	24	77	1,270	661	234	88	55
28	57	e24	e14	e22	30	25	59	1,270	619	214	110	57
29	46	e24	e14	e22	---	23	53	1,360	590	203	104	48
30	41	e24	e13	e22	---	22	48	1,200	525	197	99	45
31	42	---	e13	e23	---	28	---	961	---	200	94	---
Total	1,069	1,018	498	629	744	824	1,419	14,149	25,344	11,172	4,494	2,824
Mean	34.5	33.9	16.1	20.3	26.6	26.6	47.3	456	845	360	145	94.1
Max	73	48	23	25	36	37	83	1,360	1,380	538	239	220
Min	16	24	11	12	23	22	24	38	479	197	88	45
Ac-ft	2,120	2,020	988	1,250	1,480	1,630	2,810	28,060	50,270	22,160	8,910	5,600

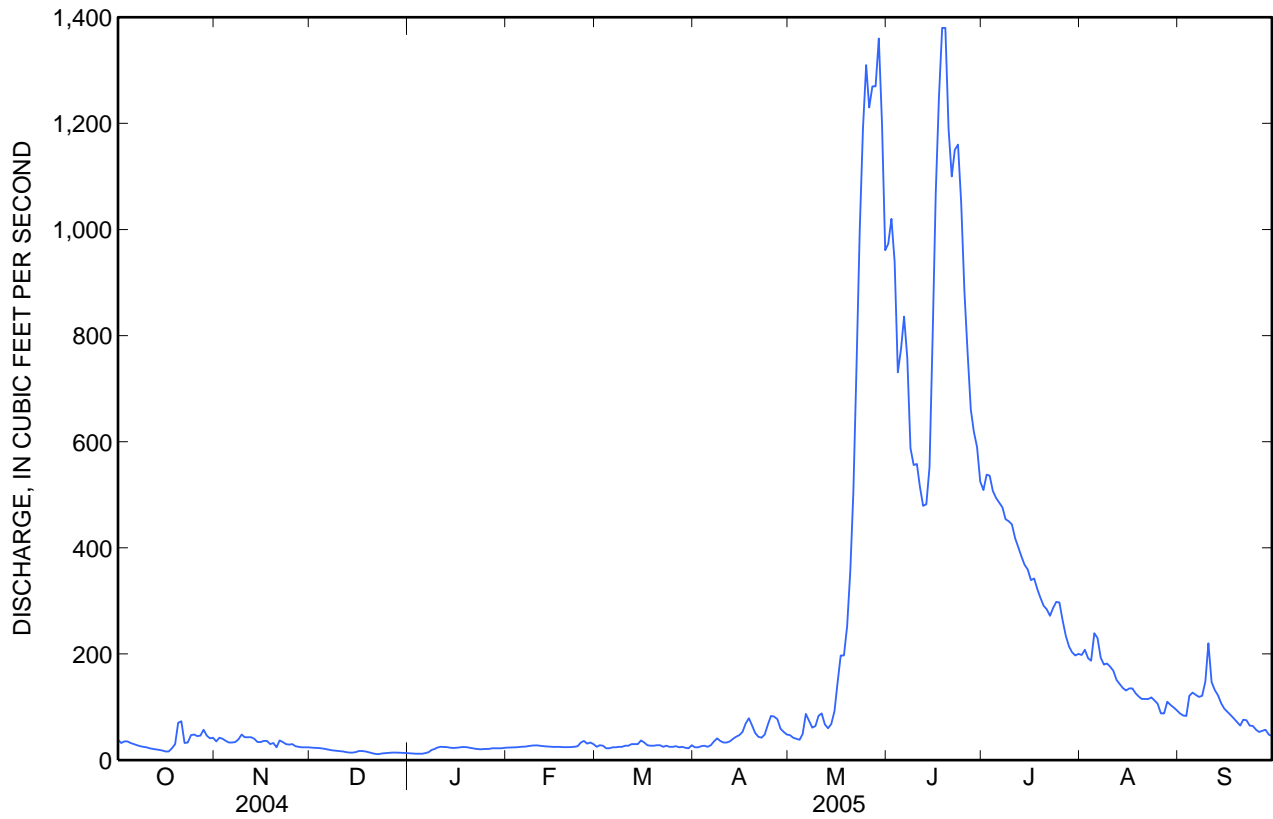
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	54.1	38.2	32.8	30.3	26.1	27.2	39.0	247	379	165	87.1	90.8
Max	112	61.1	54.4	50.0	32.7	32.4	56.4	456	845	388	150	182
(WY)	(1998)	(1998)	(1998)	(1998)	(2000)	(1997)	(2000)	(2005)	(2005)	(1998)	(1999)	(1997)
Min	22.6	20.6	16.1	19.4	12.8	17.1	24.8	76.3	66.2	26.7	24.3	21.6
(WY)	(2004)	(2002)	(2005)	(2004)	(2004)	(2003)	(2003)	(2002)	(2002)	(2002)	(2002)	(2004)

09292000 YELLOWSTONE RIVER AT BRIDGE CAMPGROUND NEAR ALTONAH, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1996 - 2005	
Annual total	19,406.9		64,184			
Annual mean	53.0		176		102	
Highest annual mean					176	2005
Lowest annual mean					38.5	2002
Highest daily mean	274	May 11	1,380	Jun 18	1,380	Jun 18, 2005
Lowest daily mean	7.6	Sep 9	11	Dec 22	7.6	Sep 9, 2004
Annual seven-day minimum	11	Feb 17	12	Dec 30	11	Feb 17, 2004
Annual runoff (ac-ft)	38,490		127,300		73,660	
10 percent exceeds	141		544		218	
50 percent exceeds	30		41		41	
90 percent exceeds	13		19		21	





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09292500 YELLOWSTONE RIVER NEAR ALTONAH, UT

Green River Basin

LOCATION.--Lat 40°30'43", long 110°20'27" referenced to North American Datum of 1927, in SW ¼ SW ¼ NE ¼ sec.4, T.1 N., R.4 W., Uintah Meridian, Duchesne County, Hydrologic Unit 14060003, Uintah and Ouray Indian Reservation, on left bank 1.5 mi downstream from powerplant of Moon Lake Electric Association, Inc., 2 mi downstream from Hell Canyon, 8.2 mi northwest of Altonah.

DRAINAGE AREA.--132 mi².

WATER-DISCHARGE RECORDS

REVISED RECORDS.--WDR UT-77-1: Drainage area, WDR UT-95-1: 1994.

PERIOD OF RECORD.--October 1944 to current year. Prior to October 1965, published as Yellowstone Creek near Altonah.

GAGE.--Water-stage recorder. Elevation of gage is 7,430 ft above NGVD of 1929, from river-profile map.

REMARKS.--Records good except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,670 ft³/s, Jun 20, 1999, gage height, 4.50 ft; maximum gage height, 4.93 ft, Jun 11, 1990; minimum daily, 25 ft³/s, Nov 28, 1976.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 700 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
May 28	2230	*2,160	*4.20
Jun 20	0130	2,010	4.14

Minimum daily discharge, 50 ft³/s, Dec 1.

09292500 YELLOWSTONE RIVER NEAR ALTONAH, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	81	72	e50	e55	e56	e54	65	113	1,050	652	231	165
2	75	79	e52	e56	e56	e54	65	112	1,150	663	239	158
3	76	76	e54	e57	e56	e53	67	108	950	634	228	157
4	78	71	e52	e58	e58	e53	67	107	758	562	223	193
5	75	69	e52	e58	e58	e51	66	112	783	524	277	199
6	73	69	e52	e58	e59	e51	68	129	815	489	267	195
7	69	70	e52	e60	e59	e51	73	126	795	470	237	191
8	66	71	e52	e60	e58	e52	78	118	682	446	225	194
9	64	77	e54	e62	e57	e52	75	120	594	440	230	215
10	64	74	e54	e62	e57	e52	72	131	565	431	226	279
11	63	74	e54	e60	e56	e53	72	132	509	410	223	210
12	62	75	e56	e59	e56	e54	74	124	482	405	209	199
13	62	73	e54	e58	e57	e54	79	118	474	392	202	191
14	60	69	e54	e58	e57	e54	81	120	510	378	196	178
15	60	68	e54	e56	e58	e55	82	127	728	360	191	169
16	59	70	e56	e56	e59	e55	88	150	980	347	197	160
17	59	69	e56	e55	e60	e55	99	169	1,180	338	194	155
18	61	65	e58	e54	e59	e55	107	161	1,320	319	e185	150
19	68	67	e56	e54	e58	e57	105	191	1,260	304	176	142
20	92	62	e55	e53	e57	e59	100	303	1,210	289	173	136
21	101	72	e54	e53	e56	e61	94	495	1,090	280	172	146
22	90	69	e53	e53	e57	e63	94	688	1,480	e283	173	147
23	77	68	e52	e52	e56	66	96	932	1,450	286	177	136
24	80	67	e51	e52	e57	67	111	1,240	1,140	301	168	133
25	81	65	e51	e53	e57	65	111	1,600	954	303	162	127
26	79	63	e51	e53	e58	71	98	1,440	866	269	160	123
27	80	e62	e52	e53	e57	65	116	1,500	759	249	166	128
28	89	e60	e53	e54	e56	66	119	1,640	741	238	190	132
29	79	e58	e54	e55	---	63	116	1,610	746	231	184	123
30	75	e54	e55	e55	---	62	113	1,360	671	227	178	120
31	77	---	e56	e55	---	69	---	1,020	---	230	173	---
Total	2,275	2,058	1,659	1,737	1,605	1,792	2,651	16,296	26,692	11,750	6,232	4,951
Mean	73.4	68.6	53.5	56.0	57.3	57.8	88.4	526	890	379	201	165
Max	101	79	58	62	60	71	119	1,640	1,480	663	277	279
Min	59	54	50	52	56	51	65	107	474	227	160	120
Ac-ft	4,510	4,080	3,290	3,450	3,180	3,550	5,260	32,320	52,940	23,310	12,360	9,820

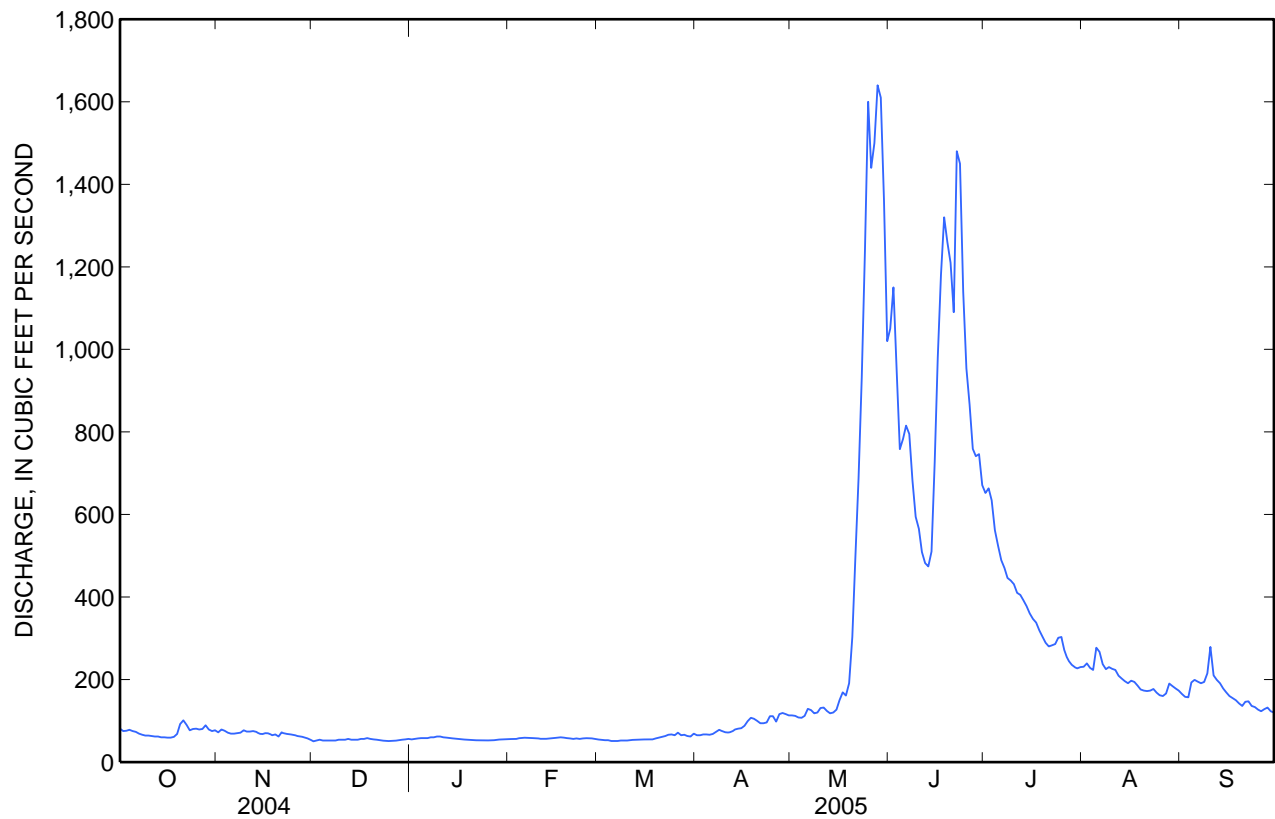
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1945 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	89.4	69.8	58.2	50.6	47.8	48.2	63.3	251	483	234	147	118
Max	213	122	95.6	72.0	62.5	78.8	128	599	1,011	744	366	236
(WY)	(1983)	(1983)	(1983)	(1984)	(1983)	(1986)	(1969)	(1969)	(1983)	(1965)	(1965)	(1997)
Min	53.0	43.8	36.0	26.5	29.9	31.0	41.1	72.0	120	66.5	47.3	60.5
(WY)	(1993)	(1990)	(1993)	(1979)	(1977)	(1977)	(1970)	(1977)	(2002)	(2002)	(2002)	(1992)

09292500 YELLOWSTONE RIVER NEAR ALTONAH, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1945 - 2005	
Annual total	35,568		79,698			
Annual mean	97.2		218		138	
Highest annual mean					235	1983
Lowest annual mean					65.3	2002
Highest daily mean	318	May 11	1,640	May 28	1,810	Jun 20, 1999
Lowest daily mean	27	Feb 11	50	Dec 1	22	Jan 1, 1979
Annual seven-day minimum	30	Feb 8	52	Mar 4	26	Dec 31, 1978
Annual runoff (ac-ft)	70,550		158,100		100,300	
10 percent exceeds	205		641		302	
50 percent exceeds	72		78		74	
90 percent exceeds	45		54		45	



Water-Data Report UT-2005

09295000 DUCHESNE RIVER AT MYTON, UT

Green River Basin

LOCATION.--Lat 40°12'01", long 110°03'47" referenced to North American Datum of 1927, in NE ¼ NW ¼ NW ¼ sec.25, T.3 S., R.2 W., Duchesne County, Hydrologic Unit 14060003, on left bank at Myton, 3 mi downstream from Lake Fork.

DRAINAGE AREA.--2,643 mi².

WATER-DISCHARGE RECORDS

REVISED RECORDS.--WDR UT-77-1: Drainage area.

PERIOD OF RECORD.--October 1899 to December 1902, April to December 1903, March to December 1904, March to July and September to November 1905, April to July 1906, April to December 1907, March to December 1908, April to December 1909, March to November 1910, July 1911 to current year. Published as "at Price road bridge" 1899-1902.

GAGE.--Water-stage recorder. Datum of gage is 5,061.40 ft above NGVD of 1929. Prior to October 14, 1933, nonrecording gages at several sites within 0.5 mi of present site at various datums.

REMARKS.--Records good. Flow regulated by several reservoirs. Large diversions above station for irrigation, including transmountain diversions to the Great Basin through Duchesne and Strawberry Tunnels, Hobble Creek Ditch, Strawberry River and Willow Creek Ditch.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge observed, 12,800 ft³/s, Jun 10, 1922, gage height, 7.94 ft, site and datum then in use, from rating curve extended above 8,000 ft³/s; minimum discharge, less than 1 ft³/s, Jul 16, 1931, and for several days in Aug and Sep 1934.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,300 ft³/s, May 25, gage height, 7.85 ft; minimum daily discharge, 5.2 ft³/s, Oct 14.

09295000 DUCHESNE RIVER AT MYTON, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	20	65	121	136	122	272	360	441	2,840	1,020	117	52
2	21	62	110	139	120	309	365	437	2,870	943	112	50
3	17	62	95	137	120	310	374	404	2,970	936	125	55
4	12	59	93	137	141	347	384	331	2,650	814	124	58
5	8.3	60	115	135	187	413	390	216	2,400	564	103	75
6	7.7	61	125	124	186	419	386	229	2,320	435	117	78
7	6.6	63	125	106	204	419	401	295	2,000	423	102	67
8	6.2	65	130	138	192	445	428	286	1,810	269	100	65
9	6.2	98	151	158	172	458	447	273	1,450	169	105	90
10	6.6	90	164	164	172	473	433	251	1,210	90	100	413
11	6.6	86	141	200	175	480	409	370	1,220	88	99	350
12	6.5	204	138	210	268	464	399	613	1,130	75	94	275
13	5.4	212	134	149	266	467	386	617	1,090	69	92	157
14	5.2	178	131	159	261	450	325	646	837	82	86	109
15	5.4	153	126	161	314	420	298	630	1,010	108	89	110
16	5.4	135	123	153	290	413	292	624	1,290	90	102	96
17	5.4	136	110	149	246	412	311	799	1,350	90	147	69
18	23	133	114	138	227	388	365	1,010	1,780	82	130	65
19	37	129	121	140	260	383	327	927	2,090	85	97	59
20	35	129	130	146	283	389	295	1,130	3,200	92	83	91
21	89	117	112	149	287	395	272	1,670	3,310	98	80	66
22	251	123	106	135	289	378	284	2,240	3,260	111	77	81
23	115	117	106	128	300	389	264	2,900	3,490	118	62	75
24	64	106	102	127	264	411	291	3,450	3,320	113	70	78
25	54	104	120	123	258	427	478	3,910	2,750	144	63	74
26	56	107	124	125	265	425	405	3,950	2,280	132	61	68
27	59	94	130	137	265	399	352	3,410	2,030	127	59	78
28	302	111	141	131	253	392	407	3,150	1,590	115	55	89
29	173	94	141	133	---	397	408	3,070	1,600	106	62	87
30	93	108	134	132	---	376	420	3,200	1,190	99	54	79
31	76	---	144	127	---	367	---	3,040	---	104	50	---
Total	1,578.5	3,261	3,857	4,426	6,387	12,487	10,956	44,519	62,337	7,791	2,817	3,159
Mean	50.9	109	124	143	228	403	365	1,436	2,078	251	90.9	105
Max	302	212	164	210	314	480	478	3,950	3,490	1,020	147	413
Min	5.2	59	93	106	120	272	264	216	837	69	50	50
Ac-ft	3,130	6,470	7,650	8,780	12,670	24,770	21,730	88,300	123,600	15,450	5,590	6,270

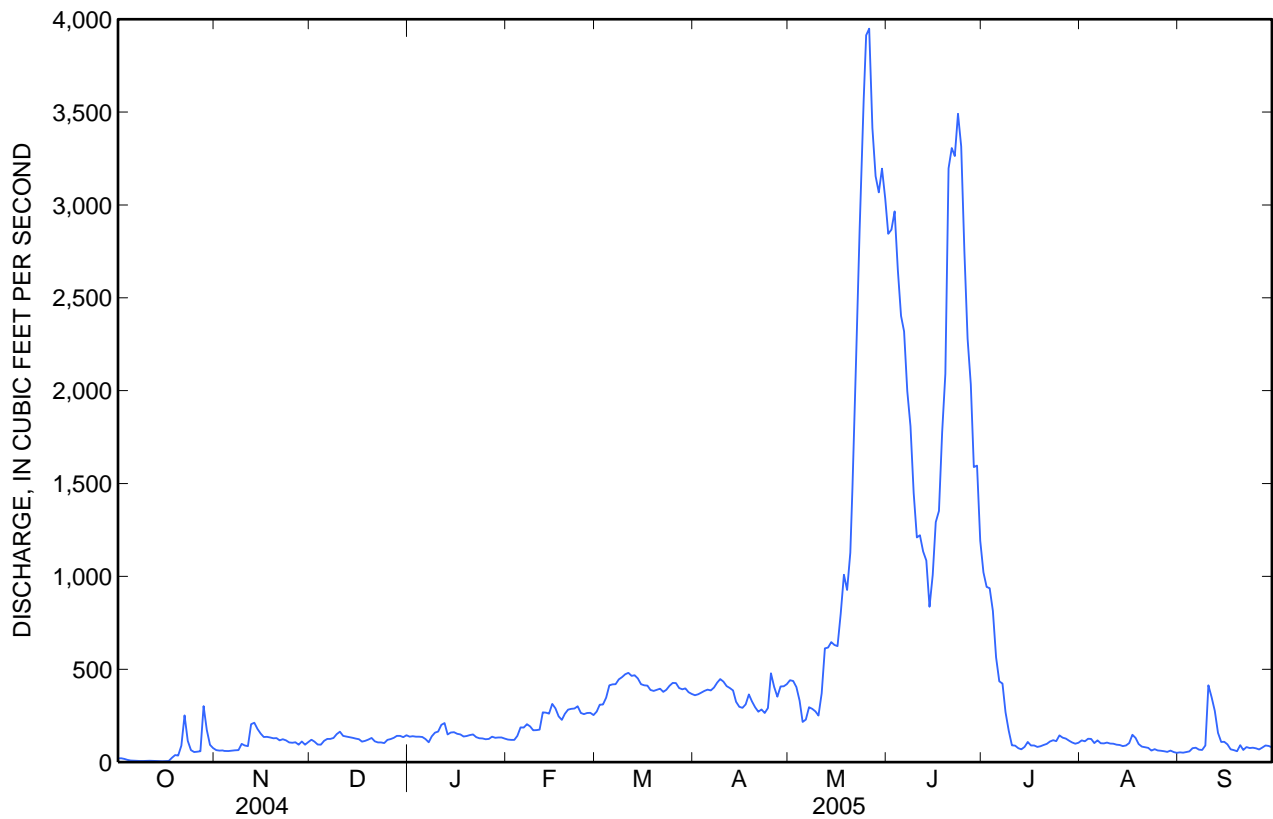
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1912 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	229	278	297	286	307	351	360	1,024	1,602	409	166	183
Max	1,031	1,055	1,037	982	715	880	1,293	4,185	6,356	2,372	695	1,597
(WY)	(1984)	(1984)	(1984)	(1984)	(1984)	(1916)	(1952)	(1952)	(1922)	(1917)	(1921)	(1927)
Min	4.81	32.6	34.3	32.2	46.9	48.2	9.43	25.6	17.8	5.01	5.13	1.37
(WY)	(1935)	(1991)	(1971)	(2004)	(2004)	(2003)	(1961)	(2002)	(1934)	(1961)	(1940)	(1934)

09295000 DUCHESNE RIVER AT MYTON, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1912 - 2005	
Annual total	21,012.5		163,575.5			
Annual mean	57.4		448		457	
Highest annual mean					1,318	1922
Lowest annual mean					42.2	2004
Highest daily mean	302	Oct 28	3,950	May 26	9,690	Jun 20, 1917
Lowest daily mean	5.2	Oct 14	5.2	Oct 14	1.0	Jul 11, 1931
Annual seven-day minimum	5.7	Oct 11	5.7	Oct 11	1.0	Jul 11, 1931
Annual runoff (ac-ft)	41,680		324,500		331,200	
10 percent exceeds	128		1,200		964	
50 percent exceeds	40		141		278	
90 percent exceeds	18		62		31	





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09295100 DUCHESNE RIVER ABOVE UINTA RIVER, NEAR RANDETT, UT

Green River Basin

LOCATION.--Lat 40°12'24", long 109°51'33" referenced to North American Datum of 1927, in NW ¼ NW ¼ SW ¼ sec.23, T.3 S., R.1 E., Uintah Meridian, Uintah County, Hydrologic Unit 14060003, Uintah and Ouray Indian Reservation, on left bank beside county road bridge.

DRAINAGE AREA.--4,235 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1997 to February 1998 miscellaneous measurements, March 1998 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,830 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are fair. Natural flow affected by upstream diversions for irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,390 ft³/s, May 27, 2005, gage height 9.21 ft; minimum daily discharge, 2.3 ft³/s, Apr 14, 15, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5,390 ft³/s, May 27, gage height, 9.21 ft; minimum daily discharge, 7.6 ft³/s, Oct 11.

09295100 DUCHESNE RIVER ABOVE UINTA RIVER, NEAR RANDETT, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	26	92	136	141	145	273	366	414	2,680	986	133	30
2	34	84	125	144	145	292	371	432	2,690	888	143	28
3	31	84	109	152	142	284	365	412	2,720	884	154	24
4	26	80	e114	136	149	297	369	355	2,640	819	152	29
5	25	80	122	137	179	326	379	241	2,370	596	132	39
6	16	80	125	139	195	368	371	223	2,250	431	139	68
7	11	83	123	111	210	405	381	299	1,970	439	131	44
8	10	85	115	124	198	430	398	305	1,760	e375	118	45
9	12	110	126	142	171	465	427	302	1,480	e300	136	58
10	10	134	171	139	169	471	418	276	1,210	e225	126	325
11	7.6	111	166	183	176	470	391	349	1,190	e150	118	397
12	8.4	202	157	227	224	460	378	633	1,110	e75	108	291
13	9.2	239	156	174	273	451	374	662	1,020	70	120	209
14	9.7	199	142	164	263	437	325	710	766	76	107	135
15	17	175	132	177	307	411	298	709	868	105	107	120
16	20	158	127	163	297	388	287	704	1,130	99	119	120
17	17	160	116	174	255	394	292	917	1,220	79	170	91
18	16	156	109	154	237	383	333	1,240	1,500	75	164	79
19	39	155	122	150	260	377	325	1,190	1,750	72	148	73
20	47	156	133	158	293	380	296	1,330	2,630	80	109	90
21	83	150	130	170	304	398	265	1,900	2,910	77	101	84
22	338	150	117	161	298	379	260	2,320	3,040	92	92	79
23	216	145	87	156	321	378	253	2,960	3,660	103	73	96
24	114	147	99	153	288	409	256	3,550	3,820	113	64	79
25	84	143	105	146	277	418	417	4,030	3,000	134	63	77
26	79	152	114	149	278	424	391	3,620	2,380	152	51	73
27	82	149	113	158	282	400	327	3,320	2,160	135	45	80
28	262	156	104	154	269	398	368	2,970	1,590	123	41	112
29	278	131	117	153	---	408	377	2,900	1,580	114	44	105
30	139	117	124	153	---	390	396	2,900	1,240	104	41	100
31	107	---	139	154	---	372	---	2,750	---	114	26	---
Total	2,173.9	4,063	3,875	4,796	6,605	12,136	10,454	44,923	60,334	8,085	3,275	3,180
Mean	70.1	135	125	155	236	391	348	1,449	2,011	261	106	106
Max	338	239	171	227	321	471	427	4,030	3,820	986	170	397
Min	7.6	80	87	111	142	273	253	223	766	70	26	24
Ac-ft	4,310	8,060	7,690	9,510	13,100	24,070	20,740	89,100	119,700	16,040	6,500	6,310

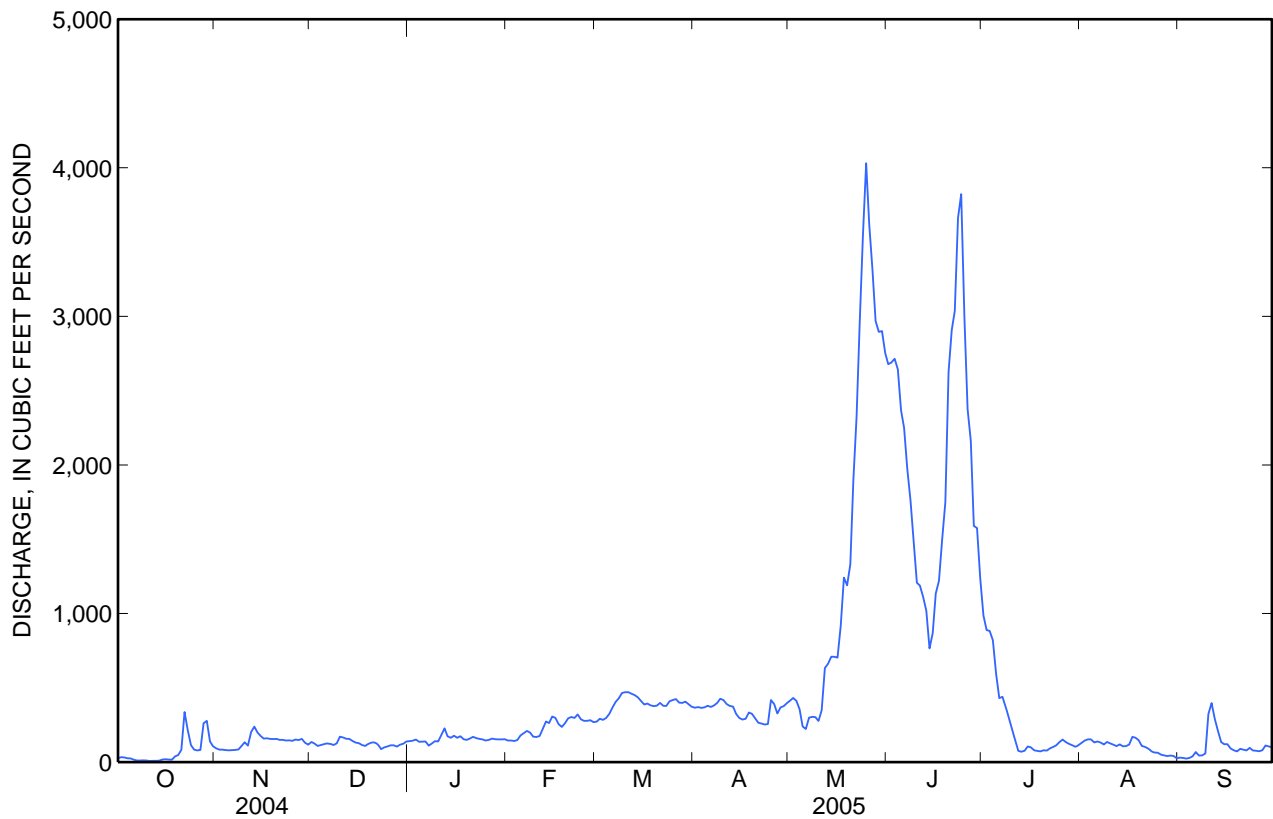
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	152	195	197	174	200	224	150	352	835	217	118	165
Max	575	711	587	484	623	567	348	1,449	2,444	1,033	476	600
(WY)	(1999)	(1999)	(1999)	(1999)	(1999)	(1999)	(2005)	(2005)	(1999)	(1998)	(1998)	(1998)
Min	15.7	48.6	32.5	34.7	50.0	57.9	8.28	12.8	14.1	9.30	6.76	7.64
(WY)	(2004)	(2004)	(2004)	(2004)	(2004)	(2003)	(2004)	(2002)	(2002)	(2002)	(2002)	(2003)

09295100 DUCHESNE RIVER ABOVE UINTA RIVER, NEAR RANDETT, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1998 - 2005	
Annual total	20,411.9		163,899.9			
Annual mean	55.8		449		210	
Highest annual mean					632	1999
Lowest annual mean					36.2	2004
Highest daily mean	338	Oct 22	4,030	May 25	4,410	Jun 20, 1999
Lowest daily mean	2.3	Apr 14	7.6	Oct 11	2.3	Apr 14, 2004
Annual seven-day minimum	3.3	Apr 12	9.6	Oct 8	3.1	Apr 9, 2002
Annual runoff (ac-ft)	40,490		325,100		152,400	
10 percent exceeds	133		1,210		500	
50 percent exceeds	36		158		70	
90 percent exceeds	9.6		66		9.9	



Water-Data Report UT-2005

09296800 UINTA RIVER BELOW POWERPLANT DIVERSION, NEAR NEOLA, UT

Green River Basin

LOCATION.--Lat 40°35'29", long 110°06'49" referenced to North American Datum of 1927, in NW ¼ NW ¼ NE ¼ sec.9, T.2 N., R.2 W., Uintah Meridian, Duchesne County, Hydrologic Unit 14060003, Uintah and Ouray Indian Reservation, on left bank 100 ft downstream from National Forest boundary, 4.7 mi upstream of Moon Lake Electric Association Inc. hydroelectric powerplant, and 11.5 mi northwest of Neola, Ut.

DRAINAGE AREA.--157 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1990 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 7,330 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by Moon Lake Electric powerplant canal diversion about 0.75 mi upstream.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4640 ft³/s, May 24, 2005, gage height, 8.10; minimum daily discharge, 9.2 ft³/s, Feb 12, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,640 ft³/s, May 24, gage height, 8.10 ft; minimum daily discharge, 19 ft³/s, Mar 30.

09296800 UINTA RIVER BELOW POWERPLANT DIVERSION, NEAR NEOLA, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	65	65	e38	e23	e21	22	23	107	1,610	1,280	398	182
2	58	58	e37	e24	e23	25	22	102	1,420	1,240	384	180
3	54	55	e35	e24	e22	23	25	97	1,370	1,200	409	178
4	52	51	e34	e25	e22	22	27	104	1,200	1,080	385	180
5	49	49	e34	e26	e22	23	25	120	1,100	994	409	182
6	49	48	e32	e31	e22	24	29	152	1,250	909	381	173
7	47	49	e30	e29	e22	25	38	151	1,010	855	338	170
8	44	53	e29	e26	e22	26	45	136	907	803	312	176
9	43	63	e28	e24	e25	28	37	136	1,010	762	315	226
10	40	59	e27	e23	e30	30	34	153	1,080	714	337	405
11	39	58	e26	e22	e23	30	34	154	1,020	652	315	257
12	38	59	e25	e23	22	32	38	144	1,030	617	273	220
13	38	56	e25	e24	21	32	46	148	1,100	580	256	204
14	37	51	e25	e25	21	28	51	172	1,310	566	244	198
15	36	49	e23	e25	21	37	54	227	1,780	566	229	191
16	35	52	e24	e23	22	23	61	364	2,150	553	247	186
17	35	51	e24	e24	e22	22	79	511	2,110	536	242	181
18	41	46	e25	e23	e22	21	97	565	2,010	514	222	177
19	49	48	e27	e23	22	22	92	730	2,240	481	230	173
20	99	42	e29	e23	21	23	84	1,120	2,390	469	216	170
21	113	52	e29	e23	22	24	73	1,440	2,650	456	237	187
22	85	45	e29	e22	21	21	70	1,890	2,500	439	233	189
23	68	44	e27	e22	21	23	74	2,350	1,980	451	242	174
24	70	46	e25	e21	24	21	104	2,800	2,110	474	243	170
25	75	43	e24	e21	24	20	97	2,940	2,240	486	210	140
26	73	39	e26	e21	24	23	91	2,700	2,090	444	196	132
27	75	48	e26	e22	25	20	105	2,080	1,790	387	189	136
28	100	44	e25	e22	26	21	119	2,280	1,590	350	184	142
29	74	e41	e24	e22	---	20	114	2,000	1,510	321	175	128
30	66	e39	e24	e21	---	19	109	1,730	1,350	309	168	123
31	65	---	e24	e21	---	29	---	1,550	---	315	172	---
Total	1,812	1,503	860	728	635	759	1,897	29,153	48,907	19,803	8,391	5,530
Mean	58.5	50.1	27.7	23.5	22.7	24.5	63.2	940	1,630	639	271	184
Max	113	65	38	31	30	37	119	2,940	2,650	1,280	409	405
Min	35	39	23	21	21	19	22	97	907	309	168	123
Ac-ft	3,590	2,980	1,710	1,440	1,260	1,510	3,760	57,820	97,010	39,280	16,640	10,970

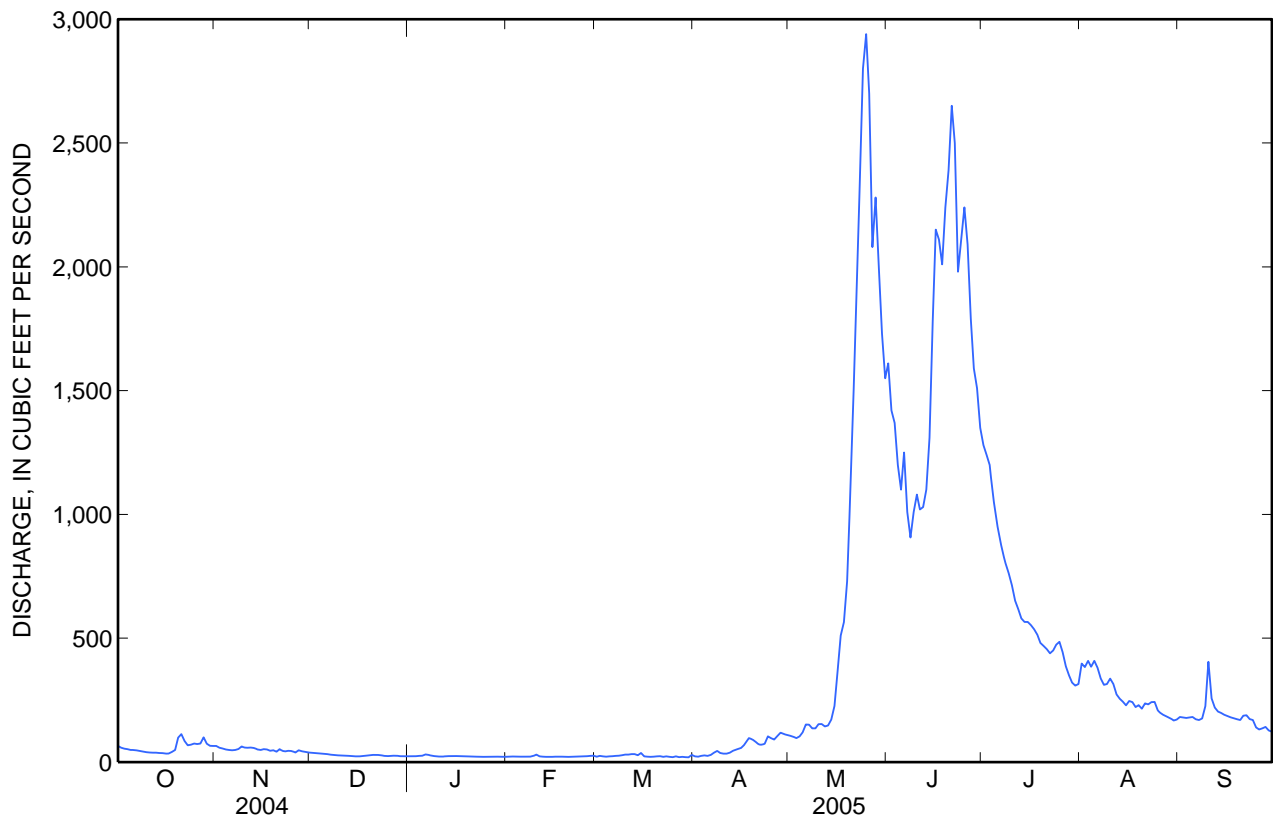
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	76.3	48.8	34.3	31.8	29.0	30.7	44.5	358	608	309	167	143
Max	179	109	86.2	62.1	55.0	50.1	70.0	940	1,630	852	355	305
(WY)	(1998)	(1999)	(1999)	(1999)	(1998)	(2001)	(2001)	(2005)	(2005)	(1995)	(1998)	(1997)
Min	28.2	17.8	13.9	12.4	10.3	13.6	20.1	104	113	53.8	27.9	61.4
(WY)	(1991)	(1991)	(1992)	(1992)	(2004)	(2003)	(2003)	(2002)	(2002)	(2002)	(2002)	(1992)

09296800 UINTA RIVER BELOW POWERPLANT DIVERSION, NEAR NEOLA, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1991 - 2005	
Annual total	30,919.2		119,978			
Annual mean	84.5		329		157	
Highest annual mean					329	2005
Lowest annual mean					51.4	2002
Highest daily mean	467	May 10	2,940	May 25	3,000	Jun 15, 1995
Lowest daily mean	9.2	Feb 12	19	Mar 30	9.2	Feb 12, 2004
Annual seven-day minimum	9.6	Feb 9	21	Mar 24	9.6	Feb 9, 2004
Annual runoff (ac-ft)	61,330		238,000		113,800	
10 percent exceeds	214		1,150		332	
50 percent exceeds	49		61		56	
90 percent exceeds	12		22		21	





Water-Data Report UT-2005

09299500 WHITEROCKS RIVER NEAR WHITEROCKS, UT

Green River Basin

LOCATION.--Lat 40°35'37", long 109°55'54" referenced to North American Datum of 1927, in SE ¼ SW ¼ SW ¼ sec.6, T.2 N., R.1 E., Uintah Meridian, Uintah County, Hydrologic Unit 14060003, on right bank, 3.2 mi upstream from U.S. Forest Boundary, and 9.6 mi northeast of Whiterocks.

DRAINAGE AREA.--109 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--September 1899 to December 1903, April to December 1907, March 1908 to November 1910, October 1913 to current year. Monthly discharge only for some periods, published in WSP 1313. Published as Whiterocks River in Canyon, 1899, and as Whiterocks Creek near Whiterocks, 1918-25. November 1917 to June 1921 United States Whiterocks Canal diverted above station (records equivalent if flow of Whiterocks Canal is included).

GAGE.--Water-stage recorder. Elevation of gage is 7,200 ft above NGVD of 1929, from topographic map. Prior to October 16, 1930, nonrecording gages at several sites within 2 mi of present site at various datums. October 16, 1930 to November 26, 1984, water-stage recorder at various sites and datums about 3 mi downstream.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow slightly regulated by dams and gates on small headwater lakes.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4640 ft³/s, Jun 22, 1983, gage height, 5.28 ft, from rating curve extended above 2,000 ft³/s, site and datum then in use; Minimum recorded, 9.2 ft³/s, Apr 3, 1977, site and datum then in use. Minimum discharge at present site and datum, 4.9 ft³/s, Mar 30, 1991.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 600 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
May 23	2315	*1,920	*6.92

Minimum daily discharge, 37 ft³/s, Feb 5, 9.

09299500 WHITEROCKS RIVER NEAR WHITEROCKS, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	86	74	e54	e45	42	41	48	112	1,130	550	212	162
2	87	73	e56	e44	40	40	42	105	1,180	528	227	160
3	76	71	e58	e43	41	39	45	101	1,020	511	236	159
4	75	67	e58	e42	40	38	47	102	868	493	224	159
5	72	70	e60	e42	37	39	48	112	845	478	219	157
6	71	71	e62	43	38	40	54	141	905	466	207	151
7	66	65	e64	41	40	42	56	166	821	454	180	143
8	65	68	e66	e41	39	44	60	139	762	439	158	143
9	64	77	e68	e44	37	46	54	138	728	425	162	165
10	63	73	e66	51	40	46	52	171	691	412	195	168
11	66	72	e64	52	40	45	50	171	632	397	181	164
12	61	74	e62	47	41	47	52	161	638	386	174	155
13	64	71	e60	48	41	46	59	151	670	378	162	147
14	64	66	e58	48	44	45	64	174	761	370	166	143
15	64	65	e57	47	46	45	63	246	905	361	171	137
16	56	66	e56	47	49	43	73	406	1,040	351	164	119
17	55	68	e56	46	46	44	82	612	1,120	340	162	115
18	60	63	e55	44	52	44	113	524	1,130	327	178	111
19	67	64	e55	44	51	44	104	719	1,040	317	180	108
20	112	61	e54	43	50	47	98	1,110	1,000	309	173	105
21	165	64	e53	42	50	42	95	1,300	956	303	170	110
22	126	63	e52	43	50	42	84	1,520	965	292	169	112
23	98	65	e53	42	50	44	80	1,620	973	285	169	106
24	93	59	e53	42	49	46	101	1,620	880	285	170	103
25	91	64	e52	42	50	50	101	1,530	796	295	165	101
26	83	57	e51	42	48	55	99	1,330	792	286	158	96
27	87	e57	e49	42	48	55	103	1,230	693	266	155	99
28	115	e57	e49	43	44	52	112	1,340	653	251	153	103
29	92	e56	e48	42	---	43	123	1,310	651	237	147	96
30	83	e54	e47	42	---	43	119	1,240	584	225	148	93
31	79	---	e47	43	---	43	---	1,120	---	216	162	---
Total	2,506	1,975	1,743	1,367	1,243	1,380	2,281	20,721	25,829	11,233	5,497	3,890
Mean	80.8	65.8	56.2	44.1	44.4	44.5	76.0	668	861	362	177	130
Max	165	77	68	52	52	55	123	1,620	1,180	550	236	168
Min	55	54	47	41	37	38	42	101	584	216	147	93
Ac-ft	4,970	3,920	3,460	2,710	2,470	2,740	4,520	41,100	51,230	22,280	10,900	7,720

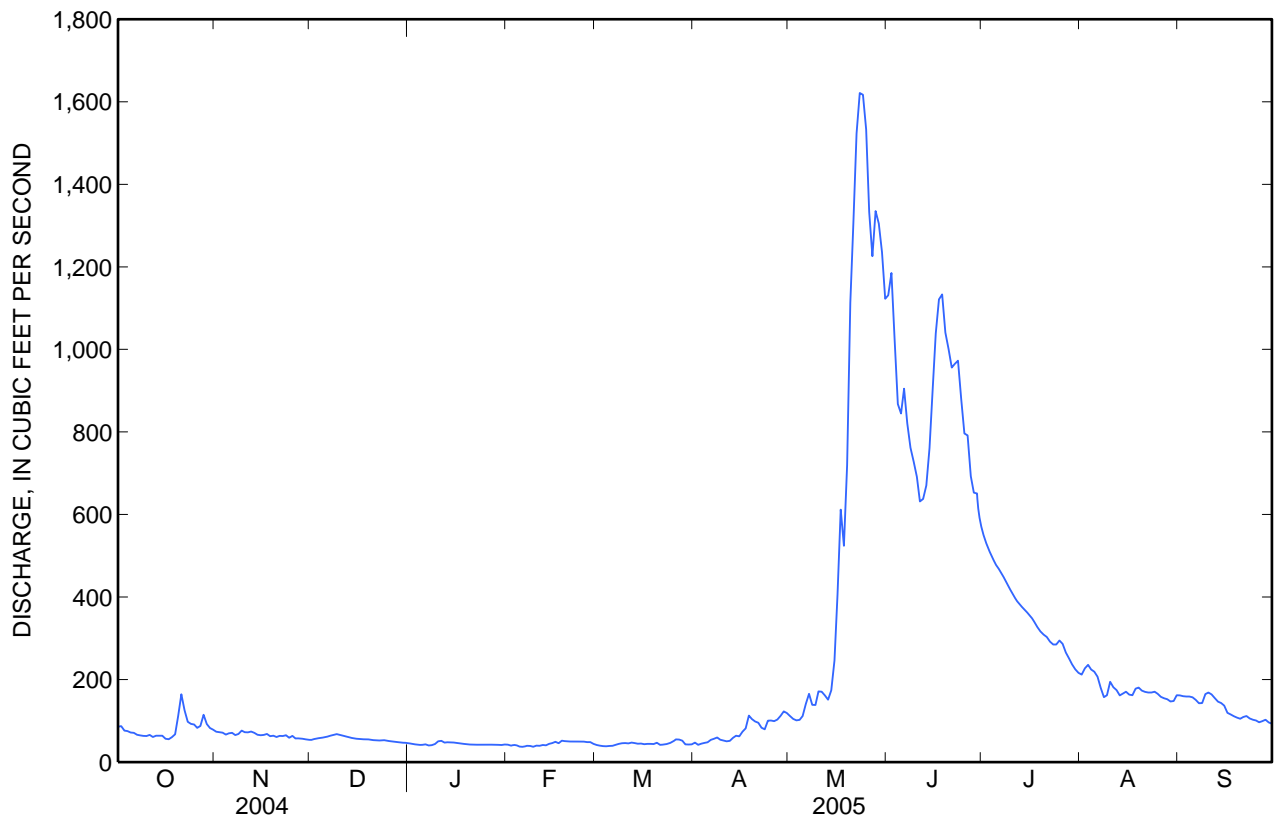
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	67.6	45.3	34.8	29.7	27.2	28.1	48.4	283	396	182	124	94.0
Max	155	93.0	58.7	47.2	44.4	44.5	118	668	1,178	573	238	217
(WY)	(1939)	(1939)	(1942)	(1930)	(2005)	(2005)	(1962)	(2005)	(1983)	(1995)	(1984)	(1997)
Min	34.8	28.6	19.3	17.7	17.0	17.8	22.9	74.8	50.1	22.4	41.7	42.8
(WY)	(1989)	(1978)	(1991)	(1991)	(1977)	(1961)	(1975)	(1957)	(1934)	(1934)	(1940)	(1933)

09299500 WHITEROCKS RIVER NEAR WHITEROCKS, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1930 - 2005	
Annual total	31,509		79,665			
Annual mean	86.1		218		114	
Highest annual mean					218	2005
Lowest annual mean					42.0	1934
Highest daily mean	388	May 10	1,620	May 23	2,300	Jun 22, 1983
Lowest daily mean	21	Feb 12	37	Feb 5	14	Feb 24, 1977
Annual seven-day minimum	22	Feb 6	39	Feb 4	15	Jan 20, 1991
Annual runoff (ac-ft)	62,500		158,000		82,310	
10 percent exceeds	176		692		247	
50 percent exceeds	65		76		51	
90 percent exceeds	26		43		25	



Water-Data Report UT-2005

09301500 UINTA RIVER AT RANDLETT, UT

Green River Basin

LOCATION.--Lat 40°14'01", long 109°48'11" referenced to North American Datum of 1927, in SE ¼ NE ¼ SE ¼ sec.7, T.3 S., R.2 E., Uintah County, Hydrologic Unit 14060003, Uintah and Ouray Indian Reservation, on right bank at Randlett, 0.1 mi upstream from county road bridge on State Highway 88, and 2.8 mi from confluence with Duchesne river.

DRAINAGE AREA.--1,064 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--November 1899 to November 1904, published as "at Ouray School", October 1976 to September 1981, April 1997 to February 1998 miscellaneous measurements, March 1998 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,790 ft above NGVD of 1929, from topographic map. November 1899 to November 1904, staff gage at different datum; October 1976 to September 1981 also at different datum.

REMARKS.--Records good, except for estimated daily discharges, which are fair. Natural flow affected by upstream diversions for irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,310 ft³/s, Jun 17, 1998, gage height 9.24 ft; minimum daily discharge, 0.42 ft³/s, Aug 29, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,740 ft³/s, May 25, gage height, 10.11 ft; minimum daily discharge, 5.9 ft³/s, Oct 13.

09301500 UINTA RIVER AT RANDETT, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	79	e33	e71	e141	152	60	108	2,190	611	41	74
2	13	65	e33	e75	e133	149	57	108	2,620	518	59	97
3	12	55	e33	e70	e131	149	94	101	2,630	490	78	94
4	11	57	e32	e71	e134	148	108	92	2,230	462	76	93
5	10	58	e32	e79	e136	150	90	107	1,770	380	100	96
6	8.8	53	e32	e68	e131	150	61	108	1,700	360	113	100
7	8.4	53	e32	e76	e139	148	55	111	1,720	314	110	95
8	8.4	51	e35	e109	e140	149	46	112	1,370	263	106	105
9	7.6	65	e37	e130	e125	151	55	90	1,190	193	79	135
10	7.0	84	e43	e165	e122	154	50	84	1,050	193	61	230
11	6.6	71	e49	e242	e125	163	46	72	972	180	67	220
12	6.5	99	e56	e468	e132	168	40	174	862	142	113	168
13	5.9	107	e61	e280	135	168	42	225	737	120	115	150
14	6.3	98	e68	e250	144	166	35	199	695	102	114	155
15	6.3	77	e86	e217	159	144	31	191	971	110	116	151
16	6.1	64	e89	e236	149	e135	43	185	1,530	91	116	161
17	6.3	59	e92	e216	129	e129	54	192	1,900	74	131	160
18	6.6	59	e79	e216	118	127	62	290	2,180	66	139	140
19	6.4	55	e83	e209	150	118	54	282	2,250	65	119	158
20	6.1	51	e90	e200	158	107	36	458	2,090	73	114	126
21	11	48	e87	e198	180	111	38	969	1,830	73	106	85
22	113	46	e71	e162	180	97	58	1,700	1,740	58	108	93
23	127	46	e53	e152	185	95	52	2,400	1,790	78	107	79
24	93	45	e45	e149	167	98	67	2,920	1,710	109	98	75
25	65	43	e45	e154	159	112	148	3,300	1,430	104	110	75
26	73	40	e43	e163	160	127	125	3,350	1,280	131	108	82
27	74	38	e50	e141	156	116	105	3,120	1,130	113	105	75
28	143	39	e97	e141	152	111	100	2,960	885	100	82	105
29	165	e38	e92	e148	---	107	96	2,980	917	98	94	110
30	122	e35	e55	e154	---	90	103	2,900	772	77	75	111
31	97	---	e57	e149	---	71	---	2,680	---	49	83	---
Total	1,244.3	1,778	1,790	5,159	4,070	4,060	2,011	32,568	46,141	5,797	3,043	3,598
Mean	40.1	59.3	57.7	166	145	131	67.0	1,051	1,538	187	98.2	120
Max	165	107	97	468	185	168	148	3,350	2,630	611	139	230
Min	5.9	35	32	68	118	71	31	72	695	49	41	74
Ac-ft	2,470	3,530	3,550	10,230	8,070	8,050	3,990	64,600	91,520	11,500	6,040	7,140

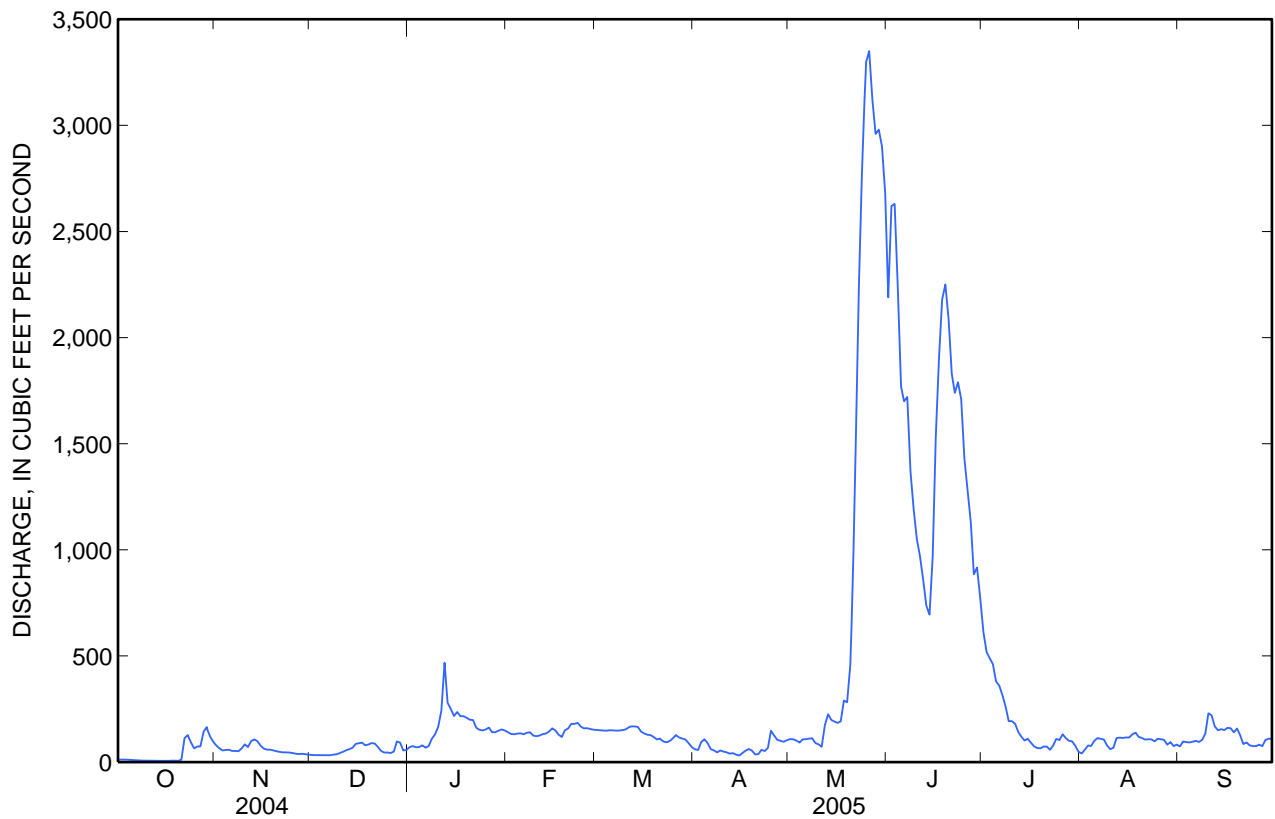
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977-81, 1999-2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	52.6	60.4	48.2	54.8	74.7	79.9	46.9	206	459	82.0	42.7	66.9
Max	208	292	185	166	189	223	134	1,051	1,538	455	150	297
(WY)	(1999)	(1999)	(1999)	(2005)	(1999)	(1979)	(1998)	(2005)	(2005)	(1998)	(1998)	(1999)
Min	8.06	12.0	8.24	7.26	6.85	6.67	7.97	11.1	5.24	2.95	4.63	14.2
(WY)	(2004)	(2003)	(2004)	(2004)	(2004)	(2004)	(2003)	(2002)	(2002)	(2002)	(2003)	(2004)

09301500 UINTA RIVER AT RANLETT, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1977-81, 1999-2005	
Annual total	7,939.7		111,259.3			
Annual mean	21.7		305		94.7	
Highest annual mean					305	2005
Lowest annual mean					11.1	2004
Highest daily mean	165	Oct 29	3,350	May 26	3,350	May 26, 2005
Lowest daily mean	4.0	Aug 30	5.9	Oct 13	0.42	Aug 29, 2003
Annual seven-day minimum	5.4	Mar 12	6.3	Oct 13	1.8	Jul 17, 2002
Annual runoff (ac-ft)	15,750		220,700		68,600	
10 percent exceeds	57		898		162	
50 percent exceeds	12		108		30	
90 percent exceeds	6.3		38		8.6	



09302000 DUCHESNE RIVER NEAR RANDLETT, UT

Green River Basin

LOCATION.--Lat 40°12'33", long 109°46'55" referenced to North American Datum of 1927, in SW ¼ SW ¼ SW ¼ sec.16, T.3 S., R.2 E., Uintah Meridian, Uintah County, Hydrologic Unit 14060003, Uintah and Ouray Indian Reservation, on right bank 0.75 mi downstream from Uintah River, 1.7 mi southeast of Randlett, and 7.0 mi southeast of Fort Duchesne. This new location is 0.5 mi. downstream of the old site.

DRAINAGE AREA.--4,247 mi².

WATER-DISCHARGE RECORDS

REVISED RECORDS.--WDR UT-78-1: Drainage area.

PERIOD OF RECORD.--October 1942 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,750 ft above NGVD of 1929, from topographic map. Prior to August 23, 1944 at site 300 ft downstream at different datum. August 23, 1944 to September 4, 1964 at site 200 ft upstream at datum 1.87 ft higher. September 5, 1964 to June 6, 1968 at site 700 ft upstream at datum 1.68 ft higher. June 7, 1968 to August 31, 1970 at site 200 ft upstream at datum 1.87 ft higher. September 1, 1970 to June 7, 1975 at site 300 ft upstream at datum 2.23 ft higher. June 7, 1975 to May 5, 1977 at site 200 upstream at datum 1.87 ft higher. May 6, 1977 to June 20, 2004 at site 2600 ft upstream at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by several reservoirs. Large diversions above station for irrigation, including transbasin diversions to the Great Basin through Duchesne and Strawberry Tunnels, Hobbie Creek Ditch, Strawberry River, and Willow Creek Ditch.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 11,500 ft³/s, Jun 20, 1983; maximum gage height 10.22 ft, Jun 5, 1986; minimum daily discharge, 0.78 ft³/s, Aug 21, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 7,570 ft³/s, May 26, gage height, 13.28 ft; minimum daily discharge, 11 ft³/s, Oct 12.

09302000 DUCHESNE RIVER NEAR RANDETT, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	38	171	168	e225	270	429	431	571	5,060	1,840	168	105
2	39	148	175	230	261	465	432	596	5,420	1,610	205	120
3	39	134	163	230	253	463	472	570	5,710	1,540	235	109
4	30	131	150	216	270	493	497	491	5,190	1,420	240	127
5	28	132	173	e225	308	546	486	393	4,440	1,090	231	157
6	24	127	200	235	319	573	456	367	4,280	881	246	189
7	17	130	196	e230	348	565	464	439	4,020	824	242	149
8	15	129	167	e210	347	579	472	464	3,580	619	204	150
9	15	162	183	301	297	615	507	431	3,060	425	203	204
10	15	216	228	315	288	624	500	402	2,640	327	189	615
11	14	175	220	467	306	661	468	451	2,500	274	186	754
12	11	291	216	729	371	670	446	860	2,340	224	233	537
13	12	362	219	e600	413	658	442	1,000	2,190	169	245	416
14	12	310	211	384	415	659	391	1,000	1,910	155	226	321
15	17	260	e211	358	490	605	354	980	2,210	201	214	268
16	21	226	e212	e360	485	567	347	948	3,110	195	220	264
17	20	220	e212	368	390	570	365	1,180	3,430	156	298	223
18	19	218	213	352	348	536	412	1,650	4,010	153	328	195
19	33	213	235	e340	420	515	414	1,620	4,320	149	301	186
20	52	208	245	336	481	497	363	1,930	5,310	161	241	191
21	84	203	e235	348	549	524	323	2,980	5,800	164	195	210
22	448	196	e225	299	521	485	332	4,070	5,560	160	182	224
23	401	196	e215	285	562	480	327	5,030	5,240	185	168	272
24	207	191	208	276	485	513	344	5,980	5,340	234	141	238
25	142	179	210	e275	450	538	629	6,880	4,520	247	162	235
26	138	181	189	265	450	580	593	7,240	3,790	339	152	232
27	137	176	200	274	447	531	469	6,740	3,470	280	139	223
28	416	176	252	275	424	514	496	6,090	2,760	226	124	300
29	568	144	265	289	---	515	511	6,010	2,710	202	151	296
30	304	e160	211	303	---	480	544	6,080	2,280	178	137	282
31	210	---	240	293	---	449	---	5,850	---	167	110	---
Total	3,526	5,765	6,447	9,893	10,968	16,899	13,287	79,293	116,200	14,795	6,316	7,792
Mean	114	192	208	319	392	545	443	2,558	3,873	477	204	260
Max	568	362	265	729	562	670	629	7,240	5,800	1,840	328	754
Min	11	127	150	210	253	429	323	367	1,910	149	110	105
Ac-ft	6,990	11,430	12,790	19,620	21,760	33,520	26,350	157,300	230,500	29,350	12,530	15,460

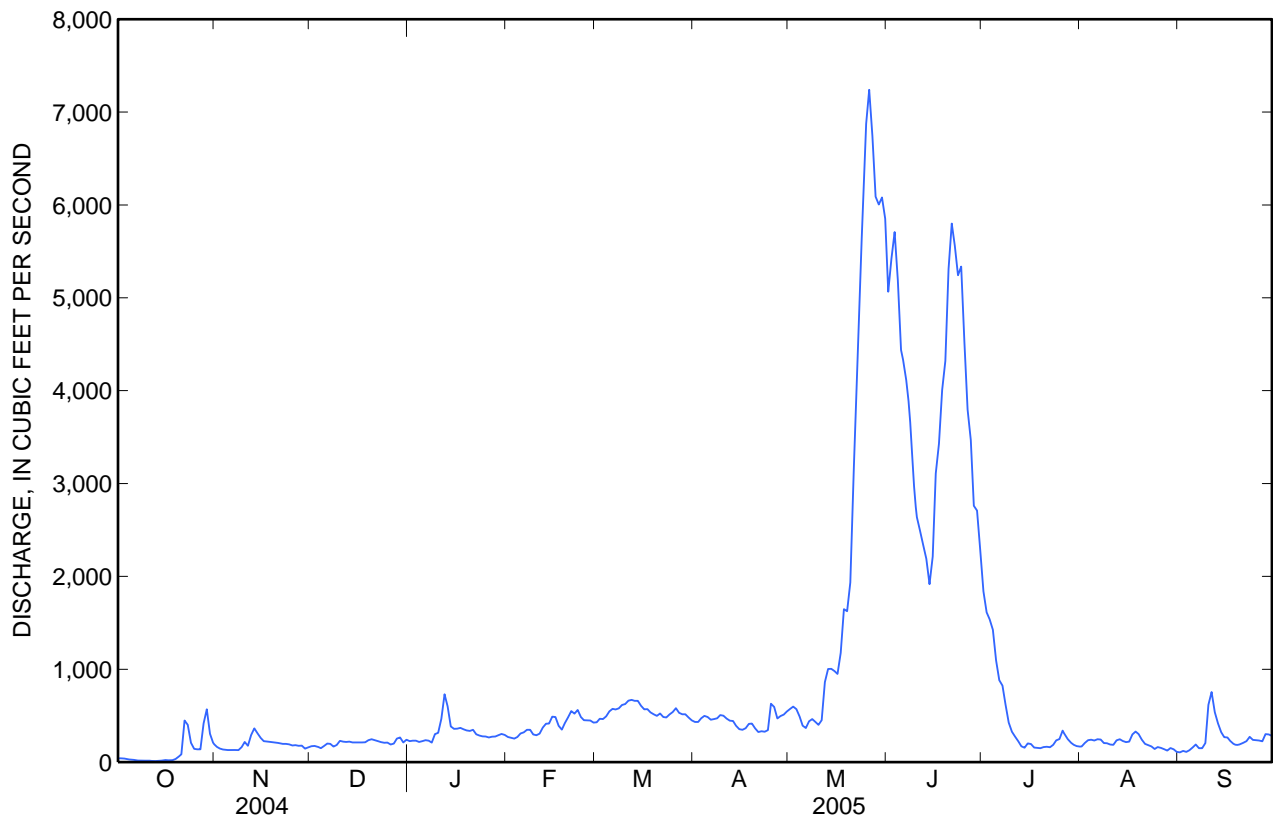
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	301	371	395	385	424	474	389	961	1,832	484	203	223
Max	1,529	1,443	1,353	1,246	964	1,202	1,865	4,938	7,988	3,177	926	1,264
(WY)	(1984)	(1984)	(1984)	(1984)	(1984)	(1983)	(1952)	(1952)	(1983)	(1995)	(1965)	(1997)
Min	30.0	42.6	39.6	39.4	52.6	66.1	23.6	27.5	22.9	7.12	5.89	18.9
(WY)	(2004)	(1990)	(1990)	(2004)	(1990)	(2003)	(2003)	(2002)	(2002)	(2002)	(2002)	(1960)

09302000 DUCHESNE RIVER NEAR RANDLETT, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1943 - 2005	
Annual total	28,816		291,181			
Annual mean	78.7		798		536	
Highest annual mean					1,736	1983
Lowest annual mean					48.2	2004
Highest daily mean	568	Oct 29	7,240	May 26	11,500	Jun 20, 1983
Lowest daily mean	11	Oct 12	11	Oct 12	0.78	Aug 21, 2002
Annual seven-day minimum	13	Oct 8	13	Oct 8	1.5	Aug 17, 2002
Annual runoff (ac-ft)	57,160		577,600		388,200	
10 percent exceeds	207		2,400		1,090	
50 percent exceeds	42		301		312	
90 percent exceeds	22		139		49	



09302000 DUCHESNE RIVER NEAR RANDLETT, UT—Continued**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--December 1950 to September 1951, November 1956 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: December 1950 to September 1951, November 1956 to September 1980, June 1981 to current year.

WATER TEMPERATURES: December 1950 to September 1951, November 1956 to September 1978, October 1979 to September 1980, June 1981 to current year.

INSTRUMENTATION.--Temperature data logger April 1999 to current year.

REMARKS.--Unpublished daily records of specific conductance obtained before water year 1965 were included in the determination of extremes for period of daily record and are available in files of district office.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 4,490 microsiemens/cm, Aug 24, 1960; minimum observed, 215 microsiemens/cm, several days in Jun 2005.

WATER TEMPERATURES: Maximum, 32.3°C, Jul 18, 2003; minimum, 0.0°C, on many days during winter period each year.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum observed, 2,290 microsiemens/cm, Oct 11; minimum observed, 215 microsiemens/cm several days in Jun.

WATER TEMPERATURE: Maximum observed, 29.0°C, Jul 21, 23; minimum, 0.0°C, on many days during winter period.

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Drainage area, mi ² (81024)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Residue on evap. at 180degC wat flt mg/L (70300)	Hydrogen ion, water, calcd, mg/L (00191)
Oct									
06...	1350	4.55	22	4,247	8.1	1,950	16.4	1,410	---
Nov									
15...	1400	5.93	255	4,247	8.3	1,350	5.2	953	---
Mar									
01...	1000	6.47	440	4,247	8.5	970	3.7	691	---
Apr									
20...	0945	3.66	350	4,247	8.3	790	10.3	520	---
May									
25...	1245	12.82	5,700	4,247	7.7	329	14.2	246	---
Jul									
13...	1100	6.00	283	4,247	--	1,010	24.3	690	1,000
Aug									
11...	1015	5.60	170	4,247	8.0	1,100	20.2	748	---
31...	1430	5.38	123	4,247	8.3	1,160	19.2	790	---

09302000 DUCHESNE RIVER NEAR RANDLETT, UT—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY INSTANTANEOUS VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2,080	1,370	890	1,070	1,270	1,030	820	860	330	860	1,000	1,210
2	2,280	1,410	900	1,090	1,120	990	860	850	270	1,110	1,000	1,210
3	1,940	1,600	980	1,090	1,250	940	890	840	330	860	1,100	1,210
4	2,120	1,400	1,110	1,240	1,170	960	900	1,090	330	1,120	1,110	1,210
5	2,250	1,370	900	1,240	1,160	890	870	880	330	1,080	1,120	1,310
6	1,800	1,410	1,150	1,130	1,110	900	970	880	215	1,110	1,110	1,140
7	1,800	1,560	1,200	1,200	1,030	900	870	1,090	395	1,110	1,030	1,270
8	1,800	1,380	1,070	1,100	1,120	880	970	870	215	540	1,030	1,300
9	1,800	1,370	1,160	860	1,270	840	970	850	405	710	1,100	890
10	1,800	1,580	1,200	1,110	1,090	760	900	880	550	710	1,100	1,310
11	2,290	1,140	1,190	860	1,040	830	800	850	550	1,110	1,100	900
12	1,950	1,580	950	1,100	1,140	790	830	880	400	1,080	1,100	1,140
13	2,230	1,380	950	1,110	1,140	840	830	580	410	1,080	1,100	800
14	2,260	1,140	950	1,250	1,040	850	840	580	545	1,110	1,100	820
15	2,270	1,410	950	1,220	1,120	760	900	580	545	1,080	1,150	820
16	1,950	1,120	910	1,250	1,100	800	870	580	215	1,090	1,150	1,150
17	2,120	1,160	910	950	1,140	800	1,090	580	400	1,090	1,150	810
18	2,270	990	910	920	1,100	810	1,040	430	215	1,090	1,150	1,250
19	2,100	1,150	950	1,060	1,120	1,080	1,040	440	215	1,090	1,160	1,000
20	2,120	910	980	1,110	1,090	1,080	870	430	215	1,100	1,150	1,160
21	1,950	980	960	970	1,120	810	970	440	710	1,080	1,210	990
22	1,950	1,160	960	1,040	1,160	800	880	275	410	1,070	1,210	800
23	1,950	1,100	1,090	1,060	1,190	860	930	272	540	1,080	1,140	1,000
24	1,950	960	960	1,110	1,190	880	1,040	272	710	1,000	1,150	1,150
25	1,400	1,100	1,090	1,100	1,080	930	1,040	275	710	1,100	1,150	990
26	1,390	900	970	1,090	1,060	800	940	270	710	1,100	890	820
27	1,380	1,150	1,090	1,060	1,030	850	1,090	275	860	1,000	900	950
28	1,580	890	1,090	1,110	1,060	840	880	330	860	1,070	890	1,010
29	1,390	1,020	1,090	1,060	---	850	950	330	1,080	1,080	900	1,140
30	980	1,030	1,100	1,050	---	840	950	270	1,080	1,090	1,300	1,130
31	1,560	---	1,110	1,110	---	850	---	330	---	1,070	1,320	---
Max	2,290	1,600	1,200	1,250	1,270	1,080	1,090	1,090	1,080	1,120	1,320	1,310
Min	980	890	890	860	1,030	760	800	270	215	540	890	800

09302000 DUCHESNE RIVER NEAR RANDLETT, UT—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY INSTANTANEOUS VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	16.5	12.5	1.0	1.0	1.5	4.0	9.0	11.5	13.0	23.5	18.5	19.0
2	14.0	12.0	1.0	1.0	1.0	7.0	10.5	11.5	13.0	25.0	18.0	19.5
3	14.0	12.5	1.5	1.0	1.0	5.0	8.5	15.0	13.5	26.0	18.0	20.0
4	14.0	12.5	1.5	2.0	4.0	5.5	10.5	15.0	13.5	26.0	18.0	20.0
5	15.0	9.0	1.5	1.0	1.5	6.5	11.0	15.5	14.5	23.5	19.0	19.0
6	15.0	10.0	1.5	0.0	1.5	8.0	11.5	15.5	13.5	23.5	23.0	21.0
7	15.5	11.0	2.5	0.0	2.0	8.5	9.5	15.0	13.5	23.0	19.0	21.0
8	15.5	10.5	2.0	1.0	2.0	7.0	8.5	16.0	15.0	18.5	19.0	18.0
9	15.0	8.5	2.0	1.0	2.0	7.5	9.5	11.5	15.5	21.5	19.0	18.5
10	14.5	8.0	2.5	1.0	3.0	8.0	8.5	10.5	18.5	21.0	24.5	17.0
11	15.0	9.0	2.0	1.0	3.0	7.5	12.0	9.0	19.0	21.5	18.5	16.5
12	15.0	8.0	1.5	1.0	3.5	6.0	14.0	10.0	18.0	20.0	24.0	16.5
13	15.5	8.5	2.0	1.0	3.0	6.0	10.5	12.0	19.0	20.0	24.0	17.0
14	15.5	8.0	2.0	1.5	3.0	6.0	11.0	12.0	18.5	26.5	23.5	19.0
15	15.0	8.0	2.0	2.0	4.5	5.5	8.5	17.0	19.0	23.5	24.0	18.5
16	15.5	5.0	1.5	1.0	3.0	5.0	9.5	16.0	18.5	20.0	23.0	18.0
17	13.0	4.5	2.0	0.5	3.0	5.0	10.0	17.0	18.5	19.5	24.0	17.5
18	13.0	5.5	1.0	0.0	3.0	7.0	8.5	17.5	19.5	20.0	18.5	18.0
19	13.0	5.0	1.5	1.0	3.5	7.0	9.5	16.0	19.0	19.5	17.0	10.0
20	13.0	5.0	1.5	1.0	4.0	8.0	9.5	15.5	19.5	19.0	18.5	10.0
21	13.0	4.5	1.0	0.0	4.5	9.0	10.0	17.0	21.0	29.0	24.5	17.5
22	12.0	4.0	0.0	0.0	5.0	9.0	12.0	17.0	22.5	28.5	25.0	11.0
23	12.0	4.5	0.0	0.0	5.5	9.0	12.0	13.0	18.5	29.0	19.0	10.5
24	12.5	3.5	0.0	0.0	3.0	7.5	12.0	12.0	21.5	20.0	20.0	10.5
25	12.0	2.5	0.0	0.0	6.0	7.0	14.0	12.5	21.0	20.5	18.0	16.5
26	12.0	1.5	0.0	0.0	6.0	7.0	16.0	12.0	21.5	28.0	20.0	16.5
27	12.0	2.0	0.5	0.5	6.5	8.0	15.0	16.5	21.5	28.0	20.0	14.0
28	12.0	1.0	0.0	0.5	4.5	8.0	11.0	12.0	23.5	20.0	20.0	14.0
29	11.0	1.0	0.0	1.5	---	7.5	12.5	12.0	23.5	19.0	21.0	13.0
30	12.5	1.0	1.0	1.5	---	9.0	12.5	13.0	23.5	19.0	21.0	12.5
31	12.5	---	1.0	1.5	---	10.5	---	12.5	---	18.5	18.0	---
Mean	13.7	6.6	1.2	0.8	3.4	7.1	10.9	13.8	18.3	22.6	20.6	16.3
Max	16.5	12.5	2.5	2.0	6.5	10.5	16.0	17.5	23.5	29.0	25.0	21.0
Min	11.0	1.0	0.0	0.0	1.0	4.0	8.5	9.0	13.0	18.5	17.0	10.0

09302000 DUCHESNE RIVER NEAR RANDLETT, UT—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	17.1	13.3	15.2	6.3	4.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0
2	17.1	13.4	15.3	5.5	2.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0
3	17.2	13.2	15.2	5.5	2.5	4.0	0.0	0.0	0.0	0.0	0.0	0.0
4	16.5	12.7	14.7	5.5	2.8	4.2	0.1	0.0	0.0	0.0	0.0	0.0
5	15.6	12.6	14.2	5.8	2.8	4.3	0.1	0.0	0.0	0.0	0.0	0.0
6	16.0	12.0	14.0	5.9	3.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0
7	15.7	11.9	13.7	5.8	3.1	4.6	0.0	0.0	0.0	0.0	0.0	0.0
8	15.8	11.6	13.6	6.2	4.6	5.4	0.0	0.0	0.0	0.1	0.0	0.0
9	15.2	11.2	13.2	7.3	5.7	6.5	0.1	0.0	0.0	0.0	0.0	0.0
10	15.1	11.6	13.2	7.3	6.2	6.7	0.1	0.0	0.0	0.0	0.0	0.0
11	15.6	11.1	13.3	8.1	6.3	7.1	0.2	0.0	0.0	0.0	0.0	0.0
12	14.6	10.9	12.9	7.9	6.7	7.3	0.1	0.0	0.0	0.0	0.0	0.0
13	14.2	11.1	12.7	7.3	6.3	6.8	0.2	0.0	0.0	0.0	0.0	0.0
14	13.5	9.6	11.6	7.2	5.5	6.2	0.1	0.0	0.0	0.0	0.0	0.0
15	12.9	9.0	11.0	6.5	4.8	5.6	0.0	0.0	0.0	0.0	0.0	0.0
16	12.5	9.1	11.0	5.2	4.2	4.7	0.1	0.0	0.0	0.0	0.0	0.0
17	12.0	9.5	10.4	5.0	4.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0
18	10.2	8.9	9.4	4.8	4.5	4.7	0.0	0.0	0.0	0.0	0.0	0.0
19	9.8	8.2	8.9	5.0	4.3	4.6	0.0	0.0	0.0	0.0	0.0	0.0
20	10.0	8.6	9.2	4.6	3.6	4.1	0.0	0.0	0.0	0.0	0.0	0.0
21	9.8	9.1	9.5	4.7	2.8	3.7	0.0	0.0	0.0	0.0	0.0	0.0
22	9.4	7.7	8.7	5.1	3.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0
23	8.4	6.2	7.4	4.4	2.6	3.4	0.0	0.0	0.0	0.0	0.0	0.0
24	9.3	7.3	8.3	3.3	1.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0
25	10.4	8.0	9.0	2.9	1.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0
26	10.2	8.4	9.3	3.9	2.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0
27	9.5	8.5	9.0	2.1	1.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
28	9.0	7.5	8.5	0.5	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0
29	7.9	6.0	6.9	0.1	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.3
30	7.7	5.2	6.5	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.8	1.1
31	7.8	6.1	7.0	---	---	---	0.0	0.0	0.0	2.4	0.6	1.3
Month	17.2	5.2	11.1	8.1	0.0	4.2	0.2	0.0	0.0	2.4	0.0	0.1

09302000 DUCHESNE RIVER NEAR RANDLETT, UT—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	2.3	0.7	1.7	7.0	3.3	5.2	10.8	5.7	8.3	13.8	10.2	11.9
2	2.5	0.0	1.3	7.3	3.5	5.5	11.5	7.0	9.3	14.7	10.5	12.5
3	2.5	0.0	1.2	7.6	4.6	6.1	12.9	8.4	10.6	16.4	10.9	13.6
4	2.6	0.0	1.3	8.5	4.6	6.7	12.6	10.1	11.3	17.2	11.9	14.6
5	2.2	0.0	1.1	9.2	5.4	7.3	12.1	7.5	9.8	15.8	13.3	14.5
6	1.8	0.0	1.0	9.2	5.6	7.5	13.1	7.8	10.3	17.4	12.8	15.0
7	2.9	0.8	1.7	9.3	5.7	7.7	13.2	9.2	11.3	15.0	12.9	13.8
8	3.1	0.8	2.0	9.7	6.5	8.2	12.3	9.7	11.1	16.9	10.9	13.9
9	2.6	0.0	1.3	10.0	6.3	8.2	10.1	7.9	8.9	18.2	13.6	15.8
10	2.6	0.0	1.2	10.6	6.6	8.7	10.1	6.1	8.1	16.2	13.3	14.7
11	1.1	0.0	0.6	10.8	6.7	8.9	12.1	7.0	9.4	13.4	11.1	12.3
12	2.2	0.0	1.0	10.2	6.7	8.6	13.5	8.1	10.7	13.0	9.9	11.4
13	2.4	0.4	1.3	8.9	6.1	7.8	13.2	9.3	11.3	16.1	10.5	13.1
14	3.3	0.9	2.1	7.7	5.3	6.5	13.4	8.9	11.2	17.9	12.5	15.0
15	4.3	2.3	3.2	7.0	2.8	5.0	14.1	8.6	11.3	18.9	13.4	16.1
16	3.2	1.8	2.4	8.1	4.1	6.1	15.5	9.4	12.4	17.4	15.0	16.3
17	3.0	1.0	1.8	8.9	5.3	7.0	16.4	10.9	13.6	16.6	13.0	14.8
18	2.7	0.7	1.7	9.5	5.2	7.3	15.6	12.0	13.8	15.8	12.0	14.0
19	3.6	1.7	2.5	9.4	6.3	7.9	15.0	10.8	12.9	18.2	13.3	15.7
20	5.3	2.0	3.5	8.4	6.6	7.8	13.0	10.2	11.8	18.9	15.2	17.1
21	5.1	2.2	3.8	9.3	5.1	7.1	14.7	8.8	11.6	17.7	15.5	16.7
22	4.6	3.0	3.7	8.7	5.5	7.3	13.8	9.4	11.8	16.8	13.8	15.4
23	5.5	2.9	4.2	8.7	7.3	8.0	16.0	9.7	12.6	16.6	13.4	15.2
24	5.6	2.2	4.0	9.3	6.3	7.8	14.3	11.9	12.7	16.3	13.9	15.3
25	5.8	2.3	4.1	7.9	6.2	7.0	14.2	10.8	12.3	15.6	12.8	14.5
26	6.1	2.8	4.5	9.6	5.1	7.2	16.3	10.8	13.4	15.3	12.7	14.2
27	6.6	3.1	4.9	10.7	5.8	8.3	15.5	12.5	14.2	15.3	12.3	14.0
28	6.1	3.1	4.8	9.4	8.0	8.8	14.4	11.9	13.2	15.6	12.7	14.3
29	---	---	---	11.6	8.3	9.6	14.4	10.0	12.2	15.0	12.8	13.8
30	---	---	---	9.0	6.5	7.9	13.6	9.9	11.8	13.3	11.9	12.5
31	---	---	---	9.6	4.1	6.9	---	---	---	14.2	10.9	12.5
Month	6.6	0.0	2.4	11.6	2.8	7.4	16.4	5.7	11.4	18.9	9.9	14.3

09302000 DUCHESNE RIVER NEAR RANDLETT, UT—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	14.4	12.8	13.6	20.5	17.1	18.7	23.4	20.6	21.9	20.9	15.9	18.4
2	14.4	12.0	13.1	20.7	17.8	19.2	24.9	20.5	22.6	21.1	16.3	18.7
3	13.0	11.1	11.6	21.1	18.4	19.6	24.0	20.3	22.4	20.7	17.3	19.1
4	13.8	10.2	11.8	21.1	17.1	19.0	25.1	19.5	22.3	22.1	17.4	19.7
5	14.4	11.9	13.3	21.9	18.1	19.9	25.2	20.3	22.7	22.5	17.9	20.2
6	14.4	13.1	13.8	22.7	17.9	20.3	25.4	20.2	22.8	21.1	18.0	19.6
7	14.2	11.7	13.0	23.9	18.6	21.2	26.3	21.0	23.6	22.3	17.9	20.1
8	13.6	11.4	12.6	24.9	19.2	22.0	24.8	21.2	23.0	21.0	18.7	19.8
9	14.9	11.6	13.2	25.0	19.8	22.5	25.2	20.2	22.7	20.0	17.3	18.8
10	15.3	12.8	14.0	25.4	20.3	22.8	23.5	21.2	22.4	20.4	16.5	18.3
11	14.4	12.2	13.0	25.4	19.8	22.7	24.4	20.0	22.3	19.5	16.0	17.8
12	14.9	11.6	13.1	26.8	21.1	24.0	23.5	19.6	21.6	18.0	15.9	16.8
13	16.3	12.3	14.2	27.7	21.9	24.9	21.8	19.1	20.6	18.0	14.2	16.0
14	17.6	13.4	15.4	27.8	22.6	25.2	23.0	17.9	20.4	18.8	14.2	16.4
15	18.0	15.2	16.8	27.8	21.8	24.8	23.6	19.1	21.3	18.6	14.0	16.4
16	18.0	14.7	16.5	28.1	22.7	25.4	23.0	19.9	21.4	18.4	14.1	16.3
17	17.4	14.5	16.1	26.0	22.4	24.3	23.7	19.0	21.4	18.1	14.0	16.2
18	17.9	14.4	16.2	25.5	19.0	22.3	23.9	19.3	21.6	18.1	13.7	16.0
19	18.2	14.9	16.6	25.6	20.2	23.0	23.6	18.9	21.3	18.5	13.9	16.3
20	18.2	15.2	16.8	26.4	21.4	24.0	24.0	19.0	21.4	18.9	14.2	16.7
21	18.0	15.8	17.1	27.5	21.9	24.8	25.3	19.7	22.4	18.1	15.8	16.7
22	18.2	16.4	17.4	27.9	23.3	25.6	23.9	20.2	22.2	18.5	14.2	16.2
23	17.9	15.6	16.9	25.2	21.9	23.3	22.6	19.3	21.2	18.4	14.9	16.7
24	17.4	15.6	16.7	24.1	20.8	22.6	23.6	18.4	21.0	17.5	15.2	16.4
25	17.1	15.5	16.4	23.5	20.3	21.9	24.1	19.3	21.8	17.5	14.4	15.9
26	17.7	15.2	16.5	23.9	18.6	21.2	24.2	19.3	21.8	16.5	12.5	14.7
27	17.7	15.2	16.6	24.7	19.0	21.8	23.1	19.5	21.4	15.4	13.5	14.4
28	17.1	14.1	15.5	24.9	18.8	22.0	23.3	18.3	20.8	17.1	13.7	15.2
29	17.6	13.4	15.3	25.1	19.7	22.4	23.3	18.5	21.0	17.0	13.3	15.2
30	19.4	15.8	17.5	23.9	20.8	22.4	21.9	18.5	20.3	16.7	12.8	14.9
31	---	---	---	24.5	20.5	22.5	20.8	16.0	18.5	---	---	---
Month	19.4	10.2	15.0	28.1	17.1	22.5	26.3	16.0	21.7	22.5	12.5	17.1
Year	28.1	0.0	10.7									

09306500 WHITE RIVER NEAR WATSON, UTAH

Green River Basin

LOCATION.--Lat 39°58'44", long 109°10'41" referenced to North American Datum of 1927, in SE ¼ SW ¼ NE ¼ sec.2, T.10 S., R.24 E., Uintah County, Hydrologic Unit 14050007, on left bank 350 ft downstream from bridge on State Highway 45, 1 mi downstream from Evacuation Creek, and 7 mi north of Watson.

DRAINAGE AREA.--4,020 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1904 to October 1906 (no winter records), May to November 1918, April 1923 to September 1979, October 1985 to current year. Monthly discharge only for some periods, published in WSP 1313. Published as "near Dragon" 1906 and "near Rangely, Colo." 1904-1905, 1918.

GAGE.--Water-stage recorder. Datum of gage is 4,946.78 ft above NGVD of 1929. See WSP 1733 for history of changes prior to October 27, 1959. Crest stage gage installed 1999.

REMARKS.--Records good except for estimated daily discharges, which are fair. Diversions for irrigation of about 31,900 acres above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 8,160 ft³/s, Jul 15, 1929; maximum gage height, 13.1 ft, Feb 11, 1962, from floodmark in well (backwater from ice); minimum, 11 ft³/s, Dec 6, 1972, result of freezeup.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,900 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jun 04	2030	*3,210	*5.72

Minimum daily discharge, 192 ft³/s, Dec 23.

09306500 WHITE RIVER NEAR WATSON, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	365	418	e310	458	366	462	405	1,010	2,270	1,510	550	297
2	384	420	e290	449	362	308	388	944	1,990	1,410	412	267
3	397	394	e270	413	329	394	367	875	2,430	1,290	406	280
4	419	363	e250	388	316	359	372	826	3,090	1,220	451	241
5	397	389	e240	365	316	329	387	818	3,120	1,140	469	232
6	383	394	e275	330	343	415	419	830	2,820	1,030	426	283
7	372	388	e348	374	323	350	422	904	2,420	1,040	456	306
8	373	383	e321	353	334	344	396	990	2,270	911	456	251
9	364	406	e349	408	315	366	425	1,080	2,220	849	430	279
10	355	409	e376	555	259	456	472	1,040	2,160	779	389	359
11	350	420	e378	841	337	378	476	1,100	2,140	745	381	314
12	348	414	e380	1,590	299	385	453	1,290	2,100	731	470	387
13	353	404	e382	1,240	356	381	433	1,320	2,020	693	424	357
14	346	394	e381	647	366	383	411	1,190	1,970	648	393	291
15	353	388	e368	403	347	379	443	1,050	1,700	629	396	296
16	346	388	e367	410	393	346	494	1,020	1,630	527	457	300
17	345	378	e401	393	334	336	559	1,190	1,720	399	474	315
18	340	378	e319	437	316	358	637	1,510	1,860	516	430	305
19	354	384	e255	449	317	363	676	1,620	2,010	472	380	297
20	365	379	e256	409	264	364	825	1,580	2,160	472	360	250
21	385	371	e238	409	474	377	916	1,810	2,250	464	345	342
22	403	392	e267	425	417	386	925	2,310	2,210	421	342	429
23	393	378	e192	414	445	378	838	2,720	2,160	427	352	408
24	397	381	221	393	394	367	819	2,860	2,200	439	338	432
25	393	376	265	389	403	396	858	2,830	2,210	685	329	336
26	386	383	271	377	368	401	1,020	2,800	2,240	880	334	295
27	382	405	378	343	346	392	1,020	2,630	2,130	674	353	460
28	431	427	407	413	342	389	988	2,390	1,940	554	368	326
29	430	e350	412	350	---	372	1,040	2,200	1,710	458	343	384
30	442	e330	466	449	---	391	1,050	2,210	1,670	405	304	510
31	437	---	480	435	---	414	---	2,220	---	396	305	---
Total	11,788	11,684	10,113	15,309	9,781	11,719	18,934	49,167	64,820	22,814	12,323	9,829
Mean	380	389	326	494	349	378	631	1,586	2,161	736	398	328
Max	442	427	480	1,590	474	462	1,050	2,860	3,120	1,510	550	510
Min	340	330	192	330	259	308	367	818	1,630	396	304	232
Ac-ft	23,380	23,180	20,060	30,370	19,400	23,240	37,560	97,520	128,600	45,250	24,440	19,500

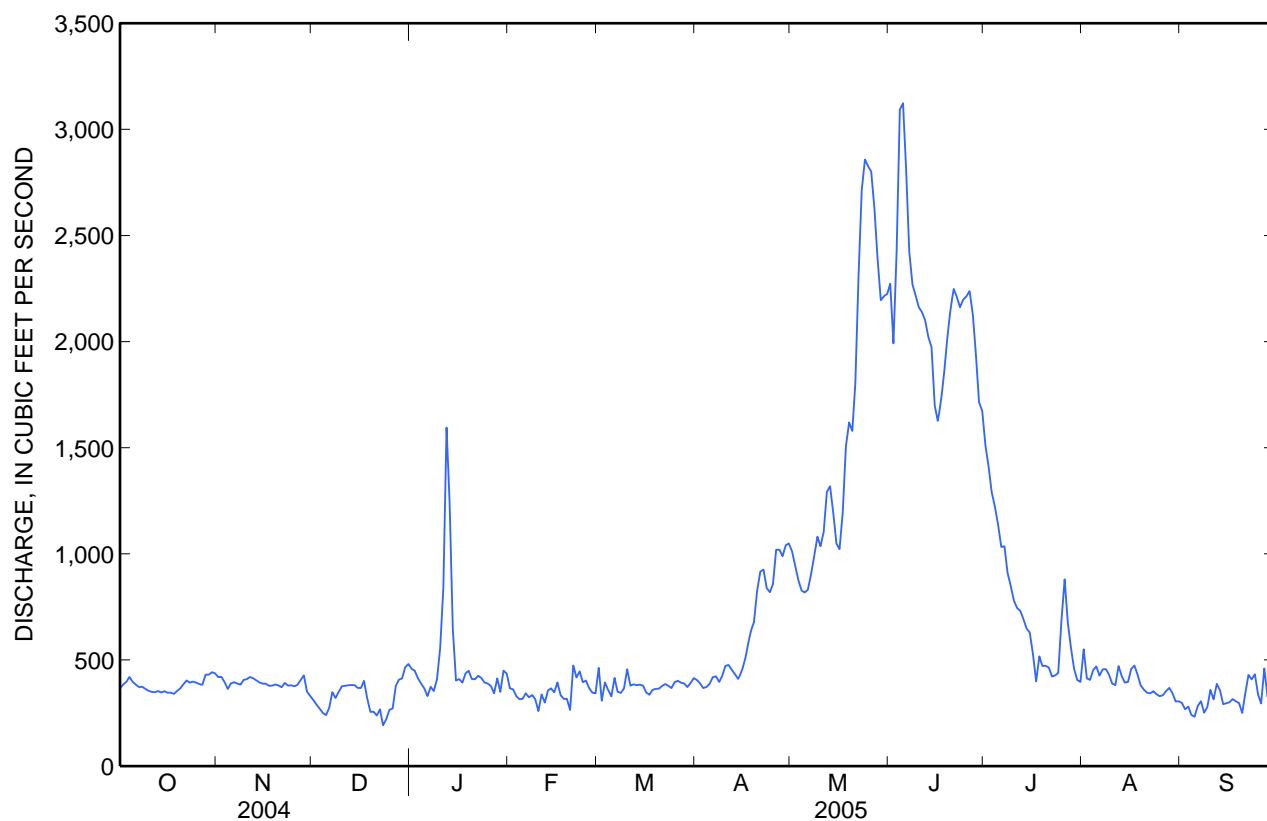
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1923 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	465	426	361	358	423	570	703	1,590	1,792	709	465	431
Max	1,029	716	600	580	1,414	1,180	2,466	3,537	4,018	2,923	1,915	1,917
(WY)	(1930)	(1998)	(1926)	(1926)	(1986)	(1939)	(1929)	(1929)	(1929)	(1929)	(1929)	(1929)
Min	243	279	176	160	246	336	368	384	187	73.1	101	207
(WY)	(1964)	(1995)	(1995)	(1937)	(1949)	(1952)	(1961)	(1977)	(2002)	(2002)	(2002)	(2002)

09306500 WHITE RIVER NEAR WATSON, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1923 - 2005	
Annual total	153,720		248,281			
Annual mean	420		680		690	
Highest annual mean					1,736	1929
Lowest annual mean					298	2002
Highest daily mean	1,480	May 13	3,120	Jun 5	8,160	Jul 15, 1929
Lowest daily mean	94	Aug 17	192	Dec 23	13	Jul 3, 1977
Annual seven-day minimum	103	Aug 17	242	Dec 19	30	Jul 17, 2002
Annual runoff (ac-ft)	304,900		492,500		500,100	
10 percent exceeds	758		1,760		1,560	
50 percent exceeds	374		401		442	
90 percent exceeds	186		312		280	



09306500 WHITE RIVER NEAR WATSON, UT—Continued**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--December 1950 to September 1979, October 1985 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: December 1950 to September 1979, October 1986 to September 1993.

WATER TEMPERATURE: December 1950 to September 1979, October 1986 to September 1993.

SUSPENDED-SEDIMENT DISCHARGE: October 1976 to June 1979, October 1985 to September 1990.

INSTRUMENTATION.--Water-quality monitor November 1985 to September 1993.

REMARKS.--Unpublished daily records of specific conductance obtained before water year 1965 were included in the determination of extremes for period of daily record and are available in files of district office.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 4,450 microsiemens/cm, Aug 4, 1955; minimum recorded, 136 microsiemens/cm, May 20, 1989.

WATER TEMPERATURE: Maximum recorded, 33.0°C, Jul 15, 1977; minimum, 0.0°C, many days during winter period.

SEDIMENT CONCENTRATIONS: Maximum daily mean, 31,100 mg/L, Aug 8, 1987; minimum daily mean, 31 mg/L, Sep 7, 8, 1989.

SEDIMENT LOADS: Maximum daily, 121,000 tons, Aug 8, 1987; minimum daily, 12 tons, Sep 7, 8, 1989.

Date	Time	Gage height, feet (00065)	Instan- taneous dis- charge, cfs (00061)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Temper- ature, water, deg C (00010)	Residue on evap. at 180degC wat flt mg/L (70300)	Hydro- gen ion, water, fltred, calcd, mg/L (00191)
Oct									
05...	1000	2.32	402	7.9	700	13.0	13.0	490	---
Nov									
16...	1630	2.25	404	8.4	600	4.5	4.5	401	---
Mar									
01...	1230	2.32	451	8.7	730	5.1	5.1	502	---
Apr									
20...	1245	1.91	796	8.4	626	11.4	11.4	434	---
May									
26...	1300	5.32	2,920	7.6	330	15.8	15.8	231	---
Jul									
13...	1300	2.81	672	--	460	24.0	24.0	315	1,000
Aug									
11...	1200	2.19	373	8.0	674	22.2	22.2	450	---
31...	1330	2.05	307	8.3	670	19.8	19.8	442	---

Water-Data Report UT-2005

09309600 FAIRVIEW TUNNEL NEAR FAIRVIEW, UT (Transmountain diversion)

Green River Basin

LOCATION.--Lat 39°40'03", long 111°18'41" referenced to North American Datum of 1927, in NW ¼ NW ¼ NE ¼ sec.25, T.13 S., R.5 E., Sanpete County, Hydrologic Unit 14060007, on right bank 1,000 ft upstream from tunnel portal, 7.3 mi east-northeast of Fairview.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1967 to current year. Seasonal records only. (July to September 1967, gage height only.)

GAGE.--Water-stage recorder and Parshall flume. Elevation of gage is 8,660 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Fairview Tunnel diverts from San Rafael River and Price River drainages in the Colorado River Basin to San Pitch River in the Great Basin. Due to the location of the gage, reported flow may not be actual flow through tunnel.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 66 ft³/s, Jun 17, 1993, gage height, 2.46 ft; no flow many days each year.

09309600 FAIRVIEW TUNNEL NEAR FAIRVIEW, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	2.7	0.04	11	13	9.6
2	---	---	---	---	---	---	0.00	2.8	0.05	11	11	9.7
3	---	---	---	---	---	---	0.00	3.4	0.06	10	12	9.6
4	---	---	---	---	---	---	0.00	4.7	0.04	8.9	13	9.5
5	---	---	---	---	---	---	0.00	e6.5	0.05	9.1	13	9.4
6	---	---	---	---	---	---	e0.05	e8.5	0.04	11	13	9.4
7	---	---	---	---	---	---	e0.10	e7.5	0.13	12	11	9.4
8	---	---	---	---	---	---	e0.15	6.7	0.14	12	11	9.5
9	---	---	---	---	---	---	e0.20	8.9	0.06	12	11	9.7
10	---	---	---	---	---	---	0.25	9.8	0.07	12	11	9.5
11	---	---	---	---	---	---	0.24	7.2	0.18	12	10	9.4
12	---	---	---	---	---	---	0.27	6.2	0.83	12	10	9.1
13	---	---	---	---	---	---	0.34	5.9	0.06	13	10	9.1
14	---	---	---	---	---	---	0.42	2.7	0.01	14	10	9.0
15	---	---	---	---	---	---	0.53	0.16	0.09	15	10	8.9
16	---	---	---	---	---	---	0.76	0.28	0.62	16	10	7.8
17	---	---	---	---	---	---	1.1	0.17	0.63	15	9.9	6.8
18	---	---	---	---	---	---	1.4	0.22	0.30	15	9.7	6.7
19	---	---	---	---	---	---	1.6	0.43	1.5	15	9.6	6.6
20	---	---	---	---	---	---	1.4	1.1	2.1	15	9.6	6.4
21	---	---	---	---	---	---	1.2	2.3	2.3	15	9.4	6.6
22	---	---	---	---	---	---	1.2	2.9	3.7	15	9.3	6.4
23	---	---	---	---	---	---	1.4	4.6	5.5	15	9.3	6.3
24	---	---	---	---	---	---	2.0	7.0	5.8	14	9.2	6.3
25	---	---	---	---	---	---	2.0	4.6	8.1	13	9.4	6.2
26	---	---	---	---	---	---	2.3	2.0	10	13	10	6.1
27	---	---	---	---	---	---	3.0	1.3	9.2	13	10	6.5
28	---	---	---	---	---	---	3.0	0.99	8.5	13	10	6.7
29	---	---	---	---	---	---	3.1	0.25	8.1	13	10	6.1
30	---	---	---	---	---	---	2.7	0.12	8.4	13	9.8	6.0
31	---	---	---	---	---	---	---	0.05	---	13	9.7	---
Total	---	---	---	---	---	---	30.71	111.97	76.60	401.0	323.9	238.3
Mean	---	---	---	---	---	---	1.02	3.61	2.55	12.9	10.4	7.94
Max	---	---	---	---	---	---	3.1	9.8	10	16	13	9.7
Min	---	---	---	---	---	---	0.00	0.05	0.01	8.9	9.2	6.0
Ac-ft	---	---	---	---	---	---	61	222	152	795	642	473



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09310500 FISH CREEK ABOVE RESERVOIR, NEAR SCOFIELD, UT

Green River Basin

LOCATION.--Lat 39°46'28", long 111°11'25" referenced to North American Datum of 1927, in NW ¼ NE ¼ SW ¼ sec.18, T.12 S., R.7 E., Carbon County, Hydrologic Unit 14060007, on right bank 0.8 mi upstream from bridge, 1.2 mi downstream from French Creek, and 4.5 mi north of Scofield.

DRAINAGE AREA.--60.1 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June to October 1931, April to September 1932, October 1938 to current year. Published as Price River above Scofield Reservoir, near Scofield, October 1938 to September 1967.

REVISED RECORDS.--WDR UT-77-1: Drainage area. WDR UT-88-1: 1987.

GAGE.--Water-stage recorder. Elevation of gage is 7,670 ft above NGVD of 1929, from topographic map. June 1931 to September 1932, and October 1938 to July 27, 1967, at various sites about 0.5 mi downstream at different datums.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Small transmountain diversions in headwaters for irrigation in Sevier Lake basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,450 ft³/s, May 21, 1984, gage height, 6.20 ft; minimum recorded, 0.6 ft³/s, Oct 31, 1960.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 270 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
May 23	2315	*1,160	*4.74

Minimum daily discharge, 3.8 ft³/s, Jan 15.

09310500 FISH CREEK ABOVE RESERVOIR, NEAR SCOFIELD, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.2	e8.4	e3.9	e5.2	e8.0	e5.8	e15	71	412	49	18	9.5
2	6.0	e7.3	e3.9	e4.9	e7.7	e5.6	e11	70	386	46	19	9.5
3	5.8	e7.0	e4.1	e4.7	e6.7	e6.0	e15	77	359	42	18	10
4	5.8	e6.9	e4.4	e4.6	e6.1	e6.2	e15	93	316	36	17	10
5	5.8	e6.4	e4.7	e4.8	e6.4	e6.1	e12	138	287	35	17	9.9
6	5.8	e5.4	e5.2	e5.1	e6.5	e6.2	e11	205	276	33	17	9.5
7	5.8	e6.2	e5.8	e4.9	e6.5	e6.5	e15	184	275	30	16	9.5
8	5.6	9.8	e6.5	e4.5	e6.7	e6.6	e16	171	263	28	16	10
9	5.6	15	e7.0	e4.2	e6.0	e7.2	e16	211	247	26	21	14
10	5.5	12	e7.5	e4.8	e5.3	e7.8	e18	279	232	24	25	16
11	6.6	11	e7.5	e5.0	e5.0	e8.2	e19	240	229	22	19	12
12	6.7	11	e7.2	e4.6	e5.5	e8.1	e22	208	252	20	17	10
13	6.3	9.7	e7.3	e4.2	e5.8	e7.4	29	196	220	18	17	9.9
14	5.9	8.8	e7.8	e3.9	e6.0	e6.8	33	214	201	17	16	9.9
15	5.6	e7.6	e7.6	e3.8	e6.1	e6.2	36	264	193	33	16	9.8
16	5.5	e6.2	e7.1	e4.2	e6.4	e5.7	45	362	192	30	19	9.6
17	5.7	e5.7	e7.4	e4.5	e6.0	e6.5	57	410	188	28	19	9.5
18	7.6	e5.7	e7.3	e5.0	e5.6	e7.4	64	365	178	26	16	9.2
19	11	e5.6	e7.0	e6.1	e6.2	e8.0	70	483	131	25	14	9.2
20	18	e5.1	e7.2	e6.3	e6.4	e8.2	64	628	109	24	14	9.2
21	28	e5.2	e6.9	e6.6	e6.2	e7.9	55	838	103	23	14	11
22	19	e5.2	e6.6	e7.5	e6.0	e7.6	51	904	102	25	14	13
23	12	e5.0	e6.2	e8.1	e5.8	e7.6	53	952	97	26	14	11
24	13	e4.9	e5.6	e8.2	e5.9	e8.2	67	977	92	26	13	10
25	13	e5.0	e5.0	e8.3	e6.1	e10	70	915	87	24	12	9.5
26	12	e5.1	e4.7	e8.6	e6.1	e10	76	767	85	22	12	9.3
27	10	e4.9	e4.8	e8.7	e5.9	e9.7	89	677	68	20	12	11
28	14	e4.7	e5.2	e8.3	e5.8	e11	88	617	64	18	12	20
29	12	e4.4	e5.7	e8.2	---	e13	88	591	64	17	11	13
30	10	e4.0	e5.6	e8.1	---	e16	76	538	54	17	9.8	9.6
31	9.9	---	e5.3	e8.0	---	e15	---	459	---	17	9.3	---
Total	289.7	209.2	188.0	183.9	172.7	252.5	1,296	13,104	5,762	827	484.1	323.6
Mean	9.35	6.97	6.06	5.93	6.17	8.15	43.2	423	192	26.7	15.6	10.8
Max	28	15	7.8	8.7	8.0	16	89	977	412	49	25	20
Min	5.5	4.0	3.9	3.8	5.0	5.6	11	70	54	17	9.3	9.2
Ac-ft	575	415	373	365	343	501	2,570	25,990	11,430	1,640	960	642

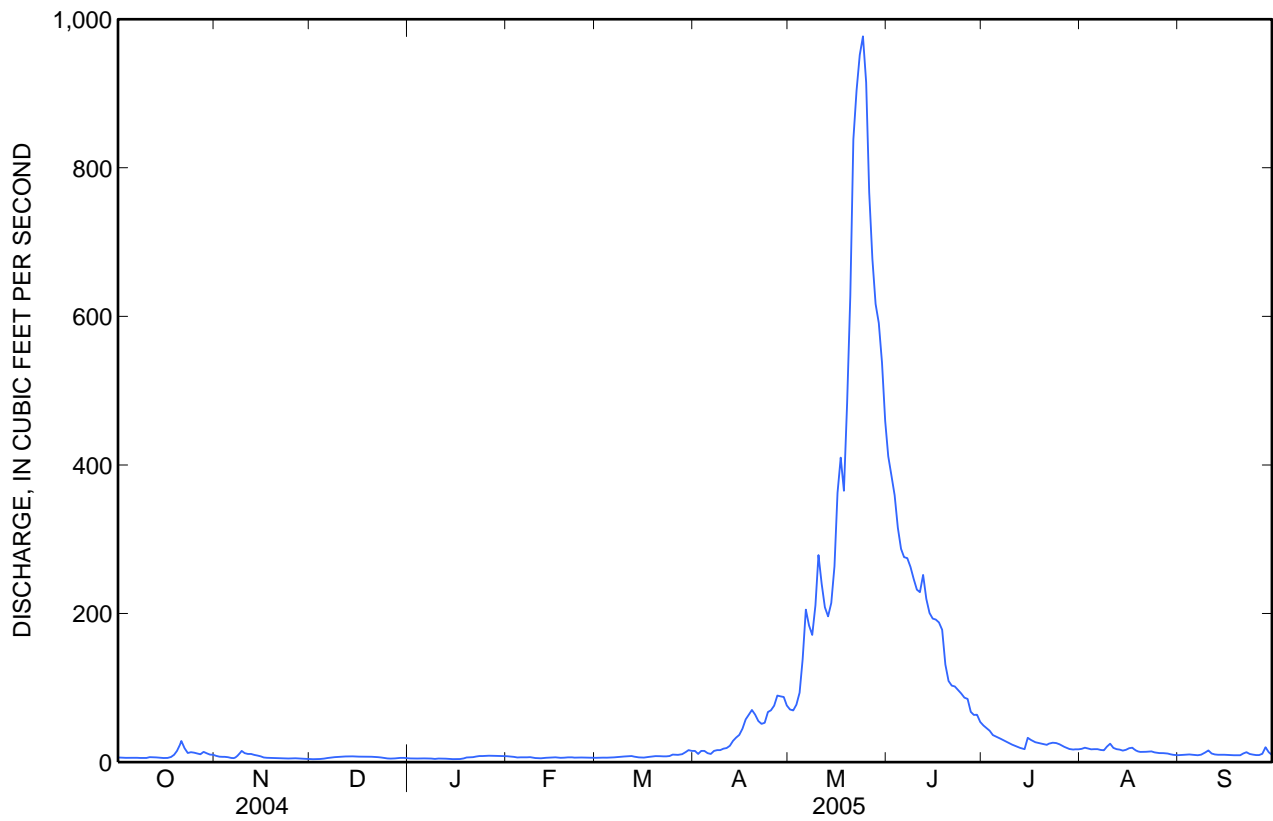
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	11.3	11.2	9.49	8.69	9.12	12.9	60.9	263	135	29.4	14.5	11.0
Max	26.7	28.8	19.3	20.3	21.2	42.7	167	681	731	99.6	37.5	27.0
(WY)	(1983)	(1983)	(1985)	(1971)	(1994)	(1986)	(1988)	(1952)	(1983)	(1983)	(1983)	(1983)
Min	5.34	6.01	5.16	3.34	3.45	5.00	11.5	23.5	14.4	6.83	4.07	3.49
(WY)	(1978)	(1965)	(1962)	(1979)	(2002)	(1964)	(1975)	(1977)	(1977)	(1977)	(1977)	(1977)

09310500 FISH CREEK ABOVE RESERVOIR, NEAR SCOFIELD, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1939 - 2005	
Annual total	10,323.8		23,092.7			
Annual mean	28.2		63.3		48.2	
Highest annual mean					113	1983
Lowest annual mean					10.2	1977
Highest daily mean	244	May 6	977	May 24	1,310	May 22, 1984
Lowest daily mean	2.7	Aug 13	3.8	Jan 15	2.6	Jan 31, 1979
Annual seven-day minimum	3.0	Aug 8	4.2	Nov 28	2.8	Jan 29, 1979
Annual runoff (ac-ft)	20,480		45,800		34,950	
10 percent exceeds	97		203		124	
50 percent exceeds	7.0		10		12	
90 percent exceeds	4.4		5.2		6.5	





Water-Data Report UT-2005

09310700 MUD CREEK BELOW WINTER QUARTERS CANYON, AT SCOFIELD, UT

Green River Basin

LOCATION.--Lat 39°43'18", long 111°09'38" referenced to North American Datum of 1927, in SW ¼ NE ¼ sec.5, T.13 S., R.7 E., Carbon County, Hydrologic Unit 14060007, on left bank 1.3 mi upstream from mouth, 0.1 mi below Winter Quarters Canyon, 0.2 mi upstream from Scofield.

DRAINAGE AREA.--29.1 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1978 to September 1986. October 1990 to current year. Formerly published as "Pleasant Valley Creek below Winter Quarters Canyon, at Scofield."

GAGE.--Water-stage recorder. Elevation of gage is 7,720 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. For the last several years the flow has been manipulated by the amount of water pumped from Skyline Mine.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 389 ft³/s, May 21, 1984, gage height, 3.30 ft; minimum discharge, 1.3 ft³/s, Jul 22, 26, 2004.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 30 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
(a) May 22	----	*290	----

Minimum daily discharge, 10 ft³/s, Dec 1.

(a) Peak is an estimated daily discharge.

09310700 MUD CREEK BELOW WINTER QUARTERS CANYON, AT SCOFIELD, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11	13	e10	12	13	14	15	23	e124	e15	e12	12
2	11	13	e11	12	13	15	16	22	e112	e14	e13	12
3	11	13	e12	11	12	15	16	e23	e104	e14	e14	11
4	11	13	12	11	12	15	16	e26	e94	e14	15	11
5	e12	13	12	13	13	15	15	e28	e83	e13	13	11
6	e11	13	12	12	13	15	15	e31	e80	e13	13	11
7	e11	13	11	e11	12	15	17	e30	e74	e13	13	11
8	11	15	12	e11	13	15	18	29	e65	e13	14	12
9	11	15	13	12	14	15	16	33	e59	e12	13	12
10	11	13	13	11	14	16	16	e35	e58	e12	14	12
11	11	14	13	11	13	16	15	e50	e62	e12	13	12
12	11	14	13	11	13	16	15	e80	e58	e12	12	11
13	11	13	12	12	13	16	18	e105	e53	e12	12	11
14	11	13	12	12	13	16	18	e125	e48	e13	12	11
15	11	13	12	12	13	15	20	e150	e44	e15	12	11
16	11	13	12	12	13	15	22	e170	e40	e17	14	11
17	11	12	12	13	13	15	24	e200	e36	e16	13	12
18	12	12	12	13	12	15	25	e230	e33	e15	12	11
19	13	12	12	13	14	16	23	e250	e29	e14	12	12
20	16	12	12	12	14	15	20	e270	e26	e13	12	13
21	17	11	11	13	14	13	23	e280	e24	e13	12	15
22	14	12	e11	11	15	15	22	e290	e22	e14	13	13
23	13	12	e12	13	14	15	24	e270	e20	e15	13	13
24	14	12	e12	13	13	16	30	e250	e19	e15	13	13
25	14	13	12	13	14	e16	25	e230	e18	e14	14	13
26	14	12	12	13	14	e17	25	e220	e17	e14	14	13
27	14	13	12	13	14	e17	27	e200	e16	e13	12	14
28	15	13	12	13	12	e17	24	e180	e16	e13	13	16
29	13	e12	12	13	---	e16	25	e170	e15	e13	13	14
30	13	e11	12	12	---	e16	24	e155	e15	e13	13	14
31	13	---	12	12	---	16	---	e140	---	e12	12	---
Total	383	383	370	376	370	479	609	4,295	1,464	421	400	368
Mean	12.4	12.8	11.9	12.1	13.2	15.5	20.3	139	48.8	13.6	12.9	12.3
Max	17	15	13	13	15	17	30	290	124	17	15	16
Min	11	11	10	11	12	13	15	22	15	12	12	11
Ac-ft	760	760	734	746	734	950	1,210	8,520	2,900	835	793	730

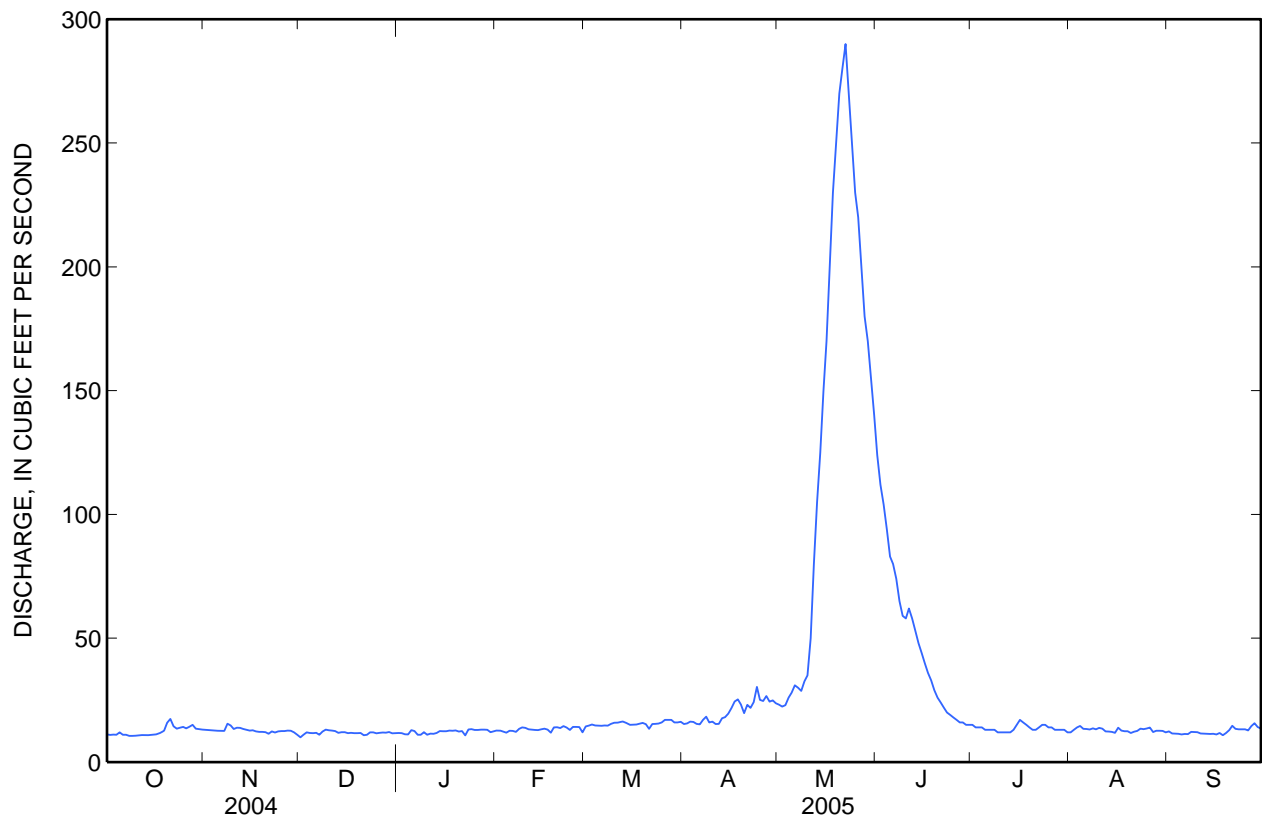
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979-86, 1991-2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	9.07	8.85	7.97	7.37	7.41	9.97	17.7	56.2	43.2	13.0	8.77	9.49
Max	21.1	22.9	22.2	21.1	22.7	26.7	40.7	141	134	30.8	20.8	23.0
(WY)	(2002)	(2003)	(2003)	(2003)	(2003)	(2003)	(1985)	(1984)	(1983)	(1983)	(2002)	(2002)
Min	2.73	3.35	2.80	1.95	3.00	4.27	9.00	9.19	6.34	3.43	2.91	2.03
(WY)	(1979)	(1980)	(1980)	(1980)	(1979)	(1979)	(1979)	(1992)	(1994)	(1981)	(1992)	(1979)

09310700 MUD CREEK BELOW WINTER QUARTERS CANYON, AT SCOFIELD, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1979-86, 1991-2005	
Annual total	3,601.8		9,918			
Annual mean	9.84		27.2		16.6	
Highest annual mean					30.7	1984
Lowest annual mean					5.52	1981
Highest daily mean	26	May 6	290	May 22	300	May 24, 1984
Lowest daily mean	2.3	Feb 12	10	Dec 1	1.6	Sep 8, 1979
Annual seven-day minimum	2.7	Feb 11	11	Oct 6	1.6	Jan 11, 1980
Annual runoff (ac-ft)	7,140		19,670		12,040	
10 percent exceeds	14		42		31	
50 percent exceeds	11		13		8.9	
90 percent exceeds	4.0		11		4.1	





Water-Data Report UT-2005

09312600 WHITE RIVER BELOW TABBYUNE CREEK, NEAR SOLDIER SUMMIT, UT

Green River Basin

LOCATION.--Lat 39°52'33", long 111°02'12" referenced to North American Datum of 1927, in NE ¼ SE ¼ SW ¼ sec.9, T.11 S., R.8 E., Utah County, Hydrologic Unit 14060007, 50 ft downstream from bridge on U.S. Highway 6-50, 1.5 mi downstream from Tabbyune Creek, 2.5 mi northwest of the Colton railroad siding, and 4.5 mi southeast of Soldier Summit.

DRAINAGE AREA.--75.6 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 7,230 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 962 ft³/s, May 27, 1983, gage height, 5.82 ft; no flow many days Aug and Sep 1977 and 2002.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 100 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
(a) May 17	----	*365	----

Minimum daily discharge, 2.3 ft³/s, Oct 13, 15, 16.

(a) Peak is an estimated daily discharge.

09312600 WHITE RIVER BELOW TABBYUNE CREEK, NEAR SOLDIER SUMMIT, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.9	e6.0	e3.2	e3.4	e4.5	e3.8	21	174	92	26	12	4.6
2	e2.8	e5.5	e3.1	e3.4	e4.4	e3.5	23	159	85	24	12	4.6
3	e2.6	e5.0	e3.4	e3.7	e4.3	e4.5	26	160	80	24	11	4.7
4	e2.5	4.8	e3.7	e4.0	e4.6	e4.0	32	177	73	23	9.6	4.8
5	e2.4	4.4	e4.0	e4.0	e4.8	e5.0	31	212	68	22	8.9	5.0
6	2.6	4.3	e4.0	e3.4	e5.1	e6.0	31	e275	63	22	9.3	4.7
7	2.5	4.2	e4.4	e3.0	e4.8	e7.2	41	e305	60	21	8.7	4.7
8	2.4	e4.8	e4.8	e3.0	e4.0	e7.2	56	e284	56	19	8.3	8.0
9	2.4	e5.1	e5.2	e4.0	e4.0	e8.9	50	e283	53	19	8.8	7.3
10	2.4	e4.8	e5.0	e4.4	e4.2	e8.9	43	e286	50	18	9.1	8.9
11	2.4	e4.6	e4.5	e4.4	e4.2	e8.5	38	e296	49	17	8.3	5.9
12	2.4	e6.0	e4.3	e4.0	e4.2	e8.0	38	e292	52	17	7.9	5.2
13	2.3	e5.6	e4.0	e3.4	e4.6	e7.4	48	e271	45	16	8.5	5.1
14	2.4	e5.4	e4.4	e2.8	e4.2	e7.0	60	e262	41	16	7.3	4.9
15	2.3	e5.2	e4.4	e3.2	e4.4	e6.5	63	e280	39	15	7.3	4.6
16	2.3	5.1	e4.2	e3.6	e4.0	e10	73	e320	38	15	7.8	4.4
17	2.4	5.1	e4.4	e4.0	e3.8	e14	94	e365	36	14	7.7	4.4
18	2.8	4.9	e4.4	e4.5	e4.0	e18	112	e340	35	13	6.7	4.3
19	3.6	4.6	e4.6	e4.0	e4.4	e21	113	e322	33	13	6.1	4.3
20	5.0	e4.2	e4.2	e3.9	e4.2	24	102	e355	32	13	6.0	4.2
21	7.5	e4.2	e4.2	e3.8	e3.8	23	87	e360	31	12	6.5	5.0
22	8.6	e4.4	e3.8	e3.9	e4.0	22	78	e350	31	12	6.7	5.3
23	5.6	e4.2	e3.7	e3.8	e4.2	22	77	e320	31	13	6.3	4.7
24	5.6	e4.1	e3.5	e3.9	e3.8	22	116	e285	29	13	6.9	4.6
25	6.4	e4.1	e4.0	e4.1	e3.6	21	131	e250	29	12	6.1	4.5
26	5.7	e4.0	e4.6	e4.4	e3.6	22	136	e210	29	11	5.7	4.3
27	7.2	e3.7	e4.8	e4.9	e3.4	21	187	e170	27	10	5.5	5.0
28	11	e3.4	e4.8	e5.3	e3.8	24	213	149	28	9.9	5.9	6.6
29	9.0	e3.2	e4.8	e5.5	---	23	201	131	29	9.3	5.2	5.6
30	7.1	e3.0	e4.6	e4.6	---	22	186	115	27	9.2	4.7	4.8
31	6.8	---	e4.6	e4.4	---	20	---	102	---	13	4.5	---
Total	133.9	137.9	131.6	122.7	116.9	425.4	2,507	7,860	1,371	491.4	235.3	155.0
Mean	4.32	4.60	4.25	3.96	4.17	13.7	83.6	254	45.7	15.9	7.59	5.17
Max	11	6.0	5.2	5.5	5.1	24	213	365	92	26	12	8.9
Min	2.3	3.0	3.1	2.8	3.4	3.5	21	102	27	9.2	4.5	4.2
Ac-ft	266	274	261	243	232	844	4,970	15,590	2,720	975	467	307

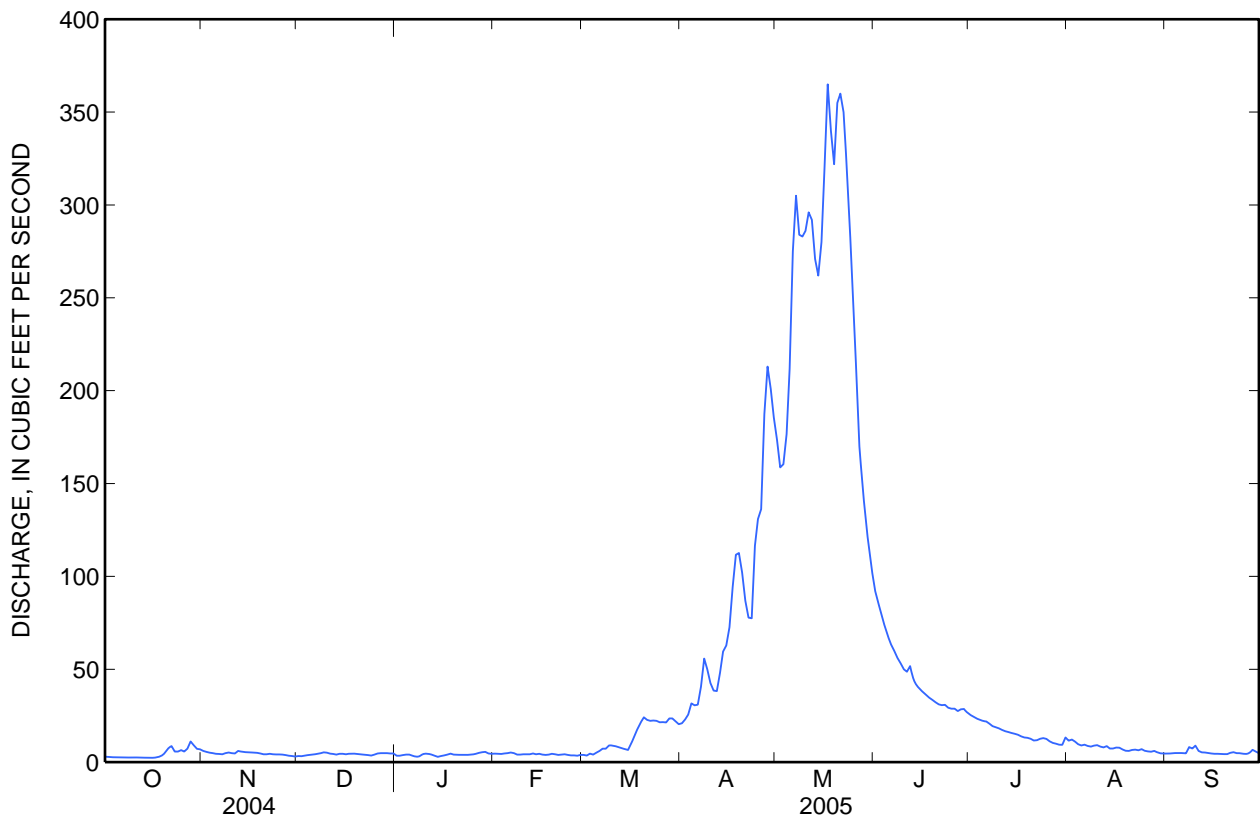
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	5.46	5.11	4.29	3.96	4.70	13.3	60.6	147	50.1	14.3	6.68	4.72
Max	11.9	9.91	8.16	7.68	20.3	55.0	169	416	209	41.2	22.8	11.7
(WY)	(1985)	(1983)	(1984)	(1984)	(1986)	(1986)	(1986)	(1984)	(1983)	(1983)	(1983)	(1980)
Min	1.60	2.06	1.46	0.64	1.90	2.73	5.68	4.37	1.95	0.48	0.02	0.12
(WY)	(1978)	(1991)	(1977)	(1977)	(1969)	(1991)	(1977)	(1977)	(1977)	(1977)	(1977)	(1977)

09312600 WHITE RIVER BELOW TABBYUNE CREEK, NEAR SOLDIER SUMMIT, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1968 - 2005	
Annual total	3,818.17		13,688.1			
Annual mean	10.4		37.5		26.8	
Highest annual mean					61.9	1983
Lowest annual mean					2.21	1977
Highest daily mean	49	Apr 3	365	May 17	927	May 27, 1983
Lowest daily mean	0.42	Aug 15	2.3	Oct 13	0.00	Aug 6, 1977
Annual seven-day minimum	0.50	Aug 11	2.4	Oct 10	0.00	Aug 6, 1977
Annual runoff (ac-ft)	7,570		27,150		19,400	
10 percent exceeds	40		115		64	
50 percent exceeds	4.1		6.1		6.3	
90 percent exceeds	1.5		3.6		2.4	





Water-Data Report UT-2005

09314500 PRICE RIVER AT WOODSIDE, UT

Green River Basin

LOCATION.--Lat 39°15'50", long 110°20'45" referenced to North American Datum of 1927, in SW ¼ SE ¼ SE ¼ sec.9, T.18 S., R.14 E., Emery County, Hydrologic Unit 14060007, on left downstream wingwall of old highway bridge, 200 ft downstream from railroad bridge at Woodside, and 16.3 mi upstream from mouth.

DRAINAGE AREA.--1,540 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--September 1909 to December 1910, January to August 1911 (gage heights only), November 1945 to September 1992, and July 2000 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,600 ft above NGVD of 1929, by barometer. September 1909 to August 1911, reference point at site about 100 ft upstream at different datum. November 27, 1945 to October 16, 1954, water-stage recorder at site 15 ft downstream at datum 1.85 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Diversions above station for irrigation of about 18,000 acres. Flow affected by storage in Scofield Reservoir, usable capacity, 65,780 acre-ft, since 1926 (see station 09311000).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,200 ft³/s, Sep 7, 1991, gage height, 13.49 ft, from rating curve extended above 6,840 ft³/s; no flow at times in some years.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,000 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Sep 10	0630	*4,000	*12.80

Minimum daily discharge, 10 ft³/s, Oct 15.

09314500 PRICE RIVER AT WOODSIDE, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	e245	e55	e22	e35	86	62	76	630	314	76	19	26
2	e45	e49	e23	e37	79	60	80	640	290	67	21	22
3	e60	e39	e24	e38	73	58	84	601	642	60	65	24
4	e23	e35	e23	e39	72	57	91	565	458	55	82	28
5	e14	e35	e22	e50	73	56	112	572	316	53	238	50
6	e12	31	e22	e56	66	57	108	642	257	52	155	67
7	12	33	e23	e74	63	58	113	776	226	52	105	38
8	14	33	e24	e92	68	63	145	823	203	47	82	33
9	12	35	e25	98	64	66	214	800	198	45	285	348
10	11	39	e27	97	55	70	201	749	190	46	90	1,880
11	12	154	e28	275	54	77	178	781	172	e57	146	159
12	12	181	e29	837	60	87	155	856	184	e56	106	85
13	11	109	e29	205	86	101	142	834	211	e40	90	59
14	11	e64	e28	99	113	135	198	706	197	e34	69	44
15	10	e53	e28	85	109	119	239	640	164	e31	60	41
16	e18	e50	e29	70	98	102	242	657	166	e30	96	42
17	e15	46	e31	70	79	104	276	780	160	e30	119	41
18	e12	42	e32	68	69	107	394	976	144	e29	148	42
19	12	41	e31	70	73	100	493	891	125	e27	92	42
20	32	42	e30	71	100	89	489	811	107	e24	74	39
21	189	38	e30	86	101	100	445	890	99	e24	65	123
22	1,480	39	e31	96	102	94	392	1,010	87	e21	58	60
23	960	36	e32	99	209	91	381	1,020	107	19	83	62
24	82	41	e32	96	110	110	412	932	293	18	49	57
25	88	37	e31	98	86	113	792	813	126	22	53	54
26	65	33	e28	93	76	104	730	725	119	46	47	48
27	186	e30	e29	195	72	93	613	640	122	41	38	46
28	1,130	e28	e31	322	67	87	671	536	97	30	33	61
29	e550	e25	e33	191	---	87	710	439	90	23	37	66
30	e97	e23	e34	139	---	87	656	380	86	19	32	65
31	e65	---	e35	111	---	83	---	357	---	21	27	---
Total	5,485	1,496	876	3,992	2,363	2,677	9,832	22,472	5,950	1,195	2,664	3,752
Mean	177	49.9	28.3	129	84.4	86.4	328	725	198	38.5	85.9	125
Max	1,480	181	35	837	209	135	792	1,020	642	76	285	1,880
Min	10	23	22	35	54	56	76	357	86	18	19	22
Ac-ft	10,880	2,970	1,740	7,920	4,690	5,310	19,500	44,570	11,800	2,370	5,280	7,440

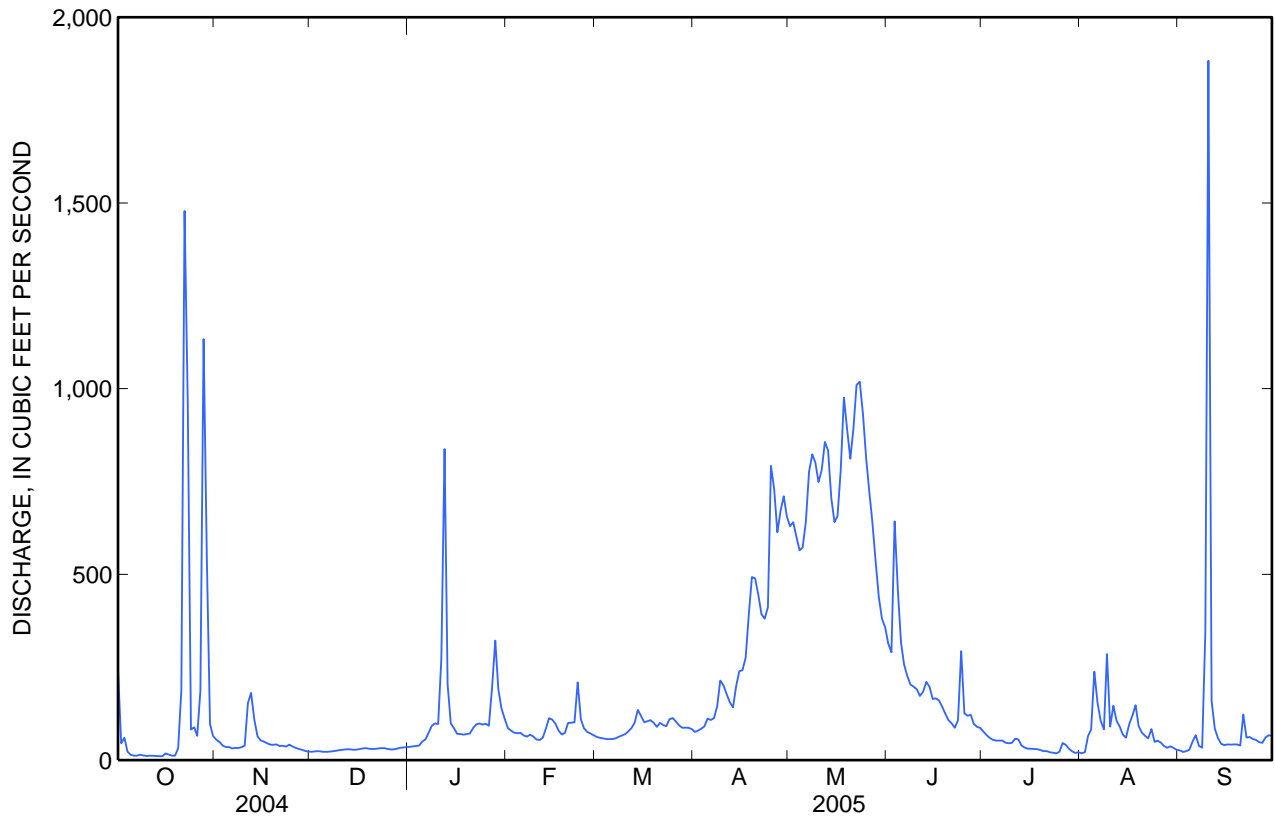
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1947-92, 2000-05, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	91.3	63.4	40.3	36.0	59.1	112	176	283	214	93.5	109	106
Max	399	337	101	129	227	375	768	1,762	2,023	427	478	494
(WY)	(1984)	(1958)	(1967)	(2005)	(1983)	(1979)	(1986)	(1952)	(1983)	(1983)	(1957)	(1991)
Min	17.2	17.9	12.2	10.7	18.0	25.6	15.0	5.26	1.51	4.21	8.61	5.72
(WY)	(2004)	(1991)	(1978)	(1961)	(1964)	(1961)	(1961)	(1961)	(1961)	(1960)	(1990)	(1992)

09314500 PRICE RIVER AT WOODSIDE, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1947-92, 2000-05	
Annual total	15,890.15		62,754			
Annual mean	43.4		172		116	
Highest annual mean					479	1983
Lowest annual mean					25.9	1990
Highest daily mean	1,480	Oct 22	1,880	Sep 10	6,180	Sep 7, 1991
Lowest daily mean	0.00	Jul 12	10	Oct 15	0.00	Jul 21, 1960
Annual seven-day minimum	0.21	Jul 10	11	Oct 9	0.00	Jul 21, 1960
Annual runoff (ac-ft)	31,520		124,500		83,780	
10 percent exceeds	60		606		231	
50 percent exceeds	24		73		50	
90 percent exceeds	2.4		24		16	



09314500 PRICE RIVER AT WOODSIDE, UT—Continued**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--December 1946 TO September 1949, February 1951 to September 1988, November 1991 to June 1993, March 1995 to September 1997, and November 2000 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: February 1951 to September 30, 1978, September 1 to 30, 2005.

WATER TEMPERATURE: February 1951 to September 1959, November 1961 to September 1963, October 1964 to September 30, 1978, November 2000 to current year.

INSTRUMENTATION.--Water temperature probe until August 31, 2005; then installed a combined water temperature and specific conductance probe.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 8,540 microsiemens/cm, Dec 11, 1951; minimum daily, 814 microsiemens/cm, Jun 1, 1952.

WATER TEMPERATURE: Maximum, 36.3°C, Jul 22, 2003; minimum, -0.9°C, Feb 2,3,5,6, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 2,970 microsiemens/cm, Sep 4; minimum, 1,750 microsiemens/cm, Sep 7, 8 (collected in Sep only).

WATER TEMPERATURE: Maximum, 31.3°C, Jul 16; minimum, -0.4°C, Dec 19-25.

Date	Time	Gage height, feet (00065)	Instan- taneous dis- charge, cfs (00061)	pH, water, unfltrd std field, units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	Residue on evap. at 180degC wat flt mg/L (70300)
Jun 29...	1100	4.34	90	8.3	1,970	30.0	17.7	1,530
Aug 17...	1030	4.01	76	8.0	2,120	25.0	20.0	1,690
Sep 19...	1120	3.74	41	8.3	2,300	26.0	14.3	1,860

09314500 PRICE RIVER AT WOODSIDE, UT—Continued

	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	2,860	2,280	2,550
2	---	---	---	---	---	---	---	---	---	2,480	2,220	2,330
3	---	---	---	---	---	---	---	---	---	2,920	2,460	2,590
4	---	---	---	---	---	---	---	---	---	2,970	2,330	2,550
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	2,110	1,750	1,960
8	---	---	---	---	---	---	---	---	---	1,810	1,750	1,780
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	2,120	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	2,160	1,800	1,990
16	---	---	---	---	---	---	---	---	---	2,450	2,160	2,330
17	---	---	---	---	---	---	---	---	---	2,470	2,380	2,420
18	---	---	---	---	---	---	---	---	---	2,440	2,210	2,300
19	---	---	---	---	---	---	---	---	---	2,390	2,200	2,300
20	---	---	---	---	---	---	---	---	---	2,330	2,240	2,270
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	2,490	2,110	2,370
23	---	---	---	---	---	---	---	---	---	2,640	2,090	2,430
24	---	---	---	---	---	---	---	---	---	2,590	2,380	2,510
25	---	---	---	---	---	---	---	---	---	2,780	2,470	2,590
26	---	---	---	---	---	---	---	---	---	2,720	2,520	2,610
27	---	---	---	---	---	---	---	---	---	2,710	2,550	2,600
28	---	---	---	---	---	---	---	---	---	2,700	---	---
29	---	---	---	---	---	---	---	---	---	2,870	2,560	2,640
30	---	---	---	---	---	---	---	---	---	2,830	2,590	2,680
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	2,970	1,750	2,390

09314500 PRICE RIVER AT WOODSIDE, UT—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	13.8	10.7	12.6	6.2	4.0	5.1	-0.1	-0.1	-0.1	-0.1	-0.3	-0.2
2	16.0	12.2	13.9	5.6	2.7	4.2	0.0	-0.1	-0.1	-0.1	-0.2	-0.2
3	15.5	12.4	13.9	5.8	2.7	4.3	0.0	-0.2	-0.2	-0.1	-0.2	-0.2
4	16.4	10.7	13.4	5.7	2.9	4.3	-0.1	-0.2	-0.2	0.1	-0.3	-0.1
5	16.5	11.9	14.0	6.6	3.2	4.8	-0.1	-0.2	-0.2	0.2	0.0	0.1
6	16.9	10.9	13.8	7.0	3.3	5.1	-0.2	-0.2	-0.2	0.2	0.1	0.1
7	16.4	10.0	13.3	6.4	3.6	5.1	-0.1	-0.2	-0.2	0.1	0.1	0.1
8	16.4	10.2	13.4	7.6	5.9	6.7	-0.1	-0.2	-0.2	0.1	0.1	0.1
9	15.6	9.7	12.7	8.6	7.0	7.6	-0.1	-0.2	-0.2	0.4	0.1	0.2
10	17.3	11.9	14.0	9.3	6.7	8.0	-0.1	-0.2	-0.2	1.4	0.2	0.7
11	16.2	10.7	13.5	9.5	6.2	8.0	-0.2	-0.3	-0.2	3.0	0.6	1.5
12	15.5	10.0	12.9	7.2	6.2	6.8	-0.2	-0.3	-0.3	1.7	0.0	0.5
13	16.2	11.6	13.5	7.8	6.6	7.3	-0.2	-0.3	-0.3	0.5	-0.1	0.2
14	14.1	8.7	11.5	7.2	6.5	6.9	-0.2	-0.3	-0.3	0.4	0.0	0.3
15	14.2	7.5	11.0	6.6	5.4	6.1	-0.2	-0.3	-0.3	0.5	0.3	0.4
16	14.0	8.9	11.3	7.5	5.7	6.5	-0.2	-0.3	-0.3	0.9	0.4	0.6
17	13.0	10.1	11.4	7.4	4.6	6.0	-0.3	-0.3	-0.3	1.7	0.5	1.0
18	13.1	10.3	11.3	6.9	4.3	5.6	-0.2	-0.3	-0.3	1.9	0.8	1.3
19	11.5	10.2	10.7	6.2	3.7	5.1	-0.2	-0.4	-0.3	2.0	0.8	1.5
20	12.5	10.0	10.8	5.5	4.3	5.0	-0.3	-0.4	-0.3	2.2	1.0	1.6
21	11.4	9.8	10.6	5.2	3.6	4.4	-0.3	-0.4	-0.3	2.1	0.9	1.6
22	9.8	7.8	8.6	6.6	4.6	5.3	-0.3	-0.4	-0.4	2.1	1.0	1.6
23	7.9	6.6	7.3	5.5	3.0	4.2	-0.3	-0.4	-0.4	2.1	0.8	1.5
24	9.4	7.3	8.3	4.3	2.0	3.2	-0.3	-0.4	-0.4	2.2	1.0	1.6
25	10.2	8.4	9.2	4.0	2.1	3.0	-0.2	-0.4	-0.3	2.3	1.3	1.9
26	9.3	8.3	8.9	4.7	2.5	3.4	-0.3	-0.3	-0.3	2.9	1.9	2.3
27	9.5	8.3	8.8	2.5	0.5	1.8	-0.3	-0.3	-0.3	3.7	2.9	3.2
28	9.4	6.4	7.6	1.9	0.0	0.8	-0.2	-0.3	-0.2	3.6	2.7	3.1
29	7.5	6.4	7.0	1.3	-0.1	0.2	0.0	-0.3	-0.2	4.5	2.3	3.3
30	7.5	5.8	6.7	-0.1	-0.1	-0.1	0.1	-0.2	0.0	4.1	2.4	3.3
31	8.0	5.8	7.0	---	---	---	0.0	-0.3	-0.1	3.8	2.1	3.1
Month	17.3	5.8	11.1	9.5	-0.1	4.8	0.1	-0.4	-0.2	4.5	-0.3	1.2

09314500 PRICE RIVER AT WOODSIDE, UT—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	3.9	1.8	2.8	8.3	4.8	6.5	10.6	5.5	7.9	11.0	9.0	9.9
2	4.0	1.8	2.9	7.9	4.3	6.2	11.3	6.5	8.9	11.6	8.5	9.9
3	4.2	1.7	2.8	8.7	5.2	6.7	12.9	8.4	10.5	13.2	10.3	11.5
4	4.0	1.4	2.7	9.5	5.1	7.2	11.7	9.0	10.5	13.8	11.2	12.5
5	3.6	1.5	2.5	9.3	5.7	7.5	11.1	6.8	8.9	14.2	11.7	12.8
6	3.5	1.0	2.3	10.0	5.5	7.7	12.4	7.6	10	14.1	12.3	13.1
7	4.3	2.5	3.3	10.4	5.8	8.1	13.2	8.9	11.1	13.0	10.1	11.3
8	4.0	1.8	2.9	10.4	6.8	8.5	12.4	10.7	11.4	12.4	10.0	11.2
9	3.5	1.1	2.2	10.6	5.6	---	10.7	8.4	9.3	13.5	10.6	12.0
10	3.0	0.5	1.7	11.6	6.5	8.9	10.1	6.4	8.2	13.2	10.8	11.9
11	2.1	1.1	1.6	11.3	6.9	9.0	10.5	6.6	8.6	10.8	9.3	10
12	2.9	0.7	1.8	11.4	7.2	9.2	12.1	7.4	9.7	10.6	9.0	9.7
13	3.8	1.3	2.6	10.0	8.0	8.9	12.1	8.6	10.5	12.7	9.4	10.8
14	5.4	2.7	3.9	8.1	5.2	6.8	12.5	8.9	10.7	14.6	11.0	12.5
15	5.8	4.6	5.2	6.3	2.8	4.7	12.2	9.1	10.7	16.1	12.6	14.0
16	5.1	4.2	4.7	7.1	3.5	5.4	13.0	10.1	11.5	16.1	14.4	15.0
17	5.4	3.4	4.4	7.3	4.6	6.0	13.5	11.0	12.2	15.1	13.1	14.0
18	4.4	3.2	3.8	8.0	5.0	6.4	13.0	11.0	12.1	14.3	12.0	13.3
19	5.2	3.6	4.3	7.5	5.7	6.7	12.7	9.7	11.1	15.8	12.3	13.7
20	5.5	3.9	4.7	7.5	6.0	6.6	11.1	8.3	9.4	17.3	14.4	15.6
21	5.4	4.0	4.9	8.7	5.2	6.9	10.3	7.3	8.8	17.9	15.7	16.6
22	6.1	4.6	5.3	8.1	6.0	7.3	10.1	8.0	9.3	18.2	15.9	16.9
23	5.5	3.9	4.7	8.4	7.3	7.8	12.1	8.4	10.1	17.8	16.2	16.9
24	5.5	3.0	4.4	8.8	7.0	7.8	12.2	10.7	11.4	18.0	16.2	17.1
25	6.0	3.3	4.7	7.8	6.4	7.2	12.0	9.5	10.7	18.1	16.2	17.2
26	6.8	4.5	5.5	8.5	4.3	6.5	11.9	7.8	9.5	17.9	15.7	16.8
27	7.2	4.1	5.7	9.6	5.4	7.6	12.3	10.1	11.1	17.9	15.4	16.7
28	7.2	4.2	5.7	9.1	7.5	8.2	12.2	9.9	10.9	17.9	16.2	17.1
29	---	---	---	9.5	6.3	8.0	12.0	9.8	10.8	18.5	16.7	17.5
30	---	---	---	9.6	6.5	7.9	11.7	9.4	10.5	18.1	16.3	17.0
31	---	---	---	9.4	5.0	7.2	---	---	---	17.8	15.0	16.5
Month	7.2	0.5	3.7	11.6	2.8	7.3	13.5	5.5	10.2	18.5	8.5	13.9

09314500 PRICE RIVER AT WOODSIDE, UT—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	17.9	16.4	17.1	25.0	20.1	22.5	25.8	22.1	23.6	22.7	15.2	18.8
2	17.4	13.6	15.5	25.4	20.1	22.6	26.8	20.7	23.3	24.1	16.2	19.9
3	13.7	12.1	12.7	25.5	20.2	22.7	26.1	20.5	22.7	22.8	18.0	20.5
4	15.7	11.3	13.1	26.4	19.6	22.8	23.2	20.1	21.8	24.1	17.4	20.6
5	17.8	14.3	16.0	27.7	20.9	23.9	24.2	15.2	20.8	22.8	17.8	20.4
6	18.4	16.4	17.3	27.9	21.3	24.4	22.3	19.2	20.7	22.4	18.2	20.2
7	18.7	15.2	17.0	27.6	20.8	24.0	25.6	20.9	23.1	23.4	18.5	20.8
8	18.3	15.1	16.7	27.6	20.1	23.8	24.8	21.5	23.3	22.0	19.0	20.4
9	18.1	15.0	16.7	27.6	20.6	23.9	23.4	20.2	21.8	20.7	8.3	17.5
10	18.4	15.4	17.0	28.3	21.3	24.5	24.0	21.0	22.2	16.2	10.0	14.3
11	17.4	15.6	16.5	28.0	21.0	24.5	24.1	18.7	21.7	18.3	14.9	16.6
12	16.8	14.5	15.7	30.2	22.6	26.2	23.6	20.2	21.7	17.9	15.5	16.6
13	18.5	13.8	16.1	30.9	23.0	26.8	23.1	20.0	21.5	18.1	14.2	16.1
14	19.6	15.6	17.6	30.7	23.7	26.9	24.1	19.4	21.6	18.9	14.7	16.6
15	21.8	17.5	19.5	31.1	22.9	26.8	24.9	19.4	21.9	19.1	14.2	16.5
16	21.8	18.4	20.1	31.3	23.6	27.2	24.5	18.3	22.0	18.6	14.3	16.4
17	21.5	18.3	19.8	30.1	24.3	26.7	23.0	19.5	21.5	18.3	13.5	15.8
18	22.0	18.2	19.9	28.8	21.4	24.8	22.0	18.9	20.5	18.1	14.0	15.9
19	22.8	18.8	20.7	28.7	20.8	24.6	21.9	18.7	20.4	19.0	13.6	16.1
20	24.2	19.5	21.7	30.2	21.7	25.7	22.1	18.6	20.2	19.1	14.1	16.7
21	25.3	20.5	22.8	30.9	23.2	26.8	23.5	18.5	21.0	17.7	15.7	16.6
22	25.7	21.5	23.2	30.7	23.5	26.8	22.7	19.0	21.1	19.7	14.9	16.9
23	24.9	20.8	22.6	28.0	22.9	25.5	22.8	12.8	20.4	19.1	15.8	17.3
24	22.9	10.8	16.4	27.9	21.9	24.7	23.7	12.8	19.0	19.2	16.0	17.4
25	22.0	19.7	20.7	27.3	21.9	24.2	24.0	19.4	21.7	19.8	15.1	17.1
26	23.5	19.0	20.9	27.8	20.9	23.9	25.5	19.5	22.3	19.0	14.0	16.4
27	22.4	19.1	20.8	26.6	20.0	23.2	23.3	19.9	21.6	17.1	14.7	16.0
28	20.5	18.8	19.7	27.8	20.1	23.8	24.1	17.4	20.6	16.0	12.2	15.0
29	23.1	17.1	19.8	28.2	20.7	24.4	24.2	18.2	21.1	17.4	12.9	14.9
30	24.1	19.0	21.4	28.0	21.4	24.3	23.8	18.0	20.6	17.9	13.5	15.6
31	---	---	---	27.1	21.4	24.1	22.7	15.0	---	---	---	---
Month	25.7	10.8	18.5	31.3	19.6	24.7	26.8	12.8	21.5	24.1	8.3	17.3



Water-Data Report UT-2005

09315000 GREEN RIVER AT GREEN RIVER, UT

Green River Basin

LOCATION.--Lat 38°59'10", long 110°09'02" referenced to North American Datum of 1927, in NW ¼ NW ¼ SW ¼ sec.15, T.21 S., R.16 E., Emery County, Hydrologic Unit 14060008, on right bank 1,400 ft upstream from railroad bridge, 0.9 mi southeast of town of Green River, 22.7 mi upstream from San Rafael River, at mile 117.6 upstream from mouth.

DRAINAGE AREA.--44,850 mi², of which about 4,260 mi² is noncontributing, including 3,959 mi² in Great Divide Basin in southern Wyoming.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1894 to October 1899, March 1905 to current year. Published as "at Blake" 1894-99, as "near Elgin" 1911, and as "at Little Valley, near Green River" 1910-23.

REVISED RECORDS.--WSP 918: 1895-1899. WDR UT-76-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 4,040.18 ft above NGVD of 1929. Prior to November 6, 1914, staff, wire-weight, or chain gages at several sites within 7 mi of present site at various datums. November 6, 1914 to June 20, 1924, water-stage recorder at site 7 mi downstream at different datum. June 21 to September 18, 1924, chain gage, and September 19, 1924 to May 7, 1947, water-stage recorder at site 100 ft downstream at present datum. May 8, 1947 to September 7, 1994, water-stage recorder at site 900 ft downstream at present datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. Diversions for irrigation above station. Flow regulated by Flaming Gorge Reservoir (see station 09234400) since November 1, 1962.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 68,100 ft³/s, Jun 27, 1917, gage height, 14.53 ft, site and datum then in use; minimum, 255 ft³/s, Nov 26, 1931; minimum gage height, 4.08 ft, Aug 1, Dec 5, 1934.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 17,000 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
May 29	0700	*35,100	*13.81

Minimum discharge, 651 ft³/s, Dec 4.

09315000 GREEN RIVER AT GREEN RIVER, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2,390	3,120	1,960	2,300	3,300	3,560	3,140	9,470	30,900	13,400	2,860	2,180
2	2,150	2,860	e1,500	2,290	3,350	3,270	2,990	9,180	30,100	11,900	2,830	2,100
3	2,190	2,690	e1,200	2,440	3,290	3,130	2,900	10,000	30,600	11,100	2,800	2,120
4	2,250	2,670	e900	2,530	3,020	3,140	3,040	9,860	29,600	10,400	3,000	2,110
5	2,300	2,580	781	2,540	2,860	3,010	3,320	8,970	27,900	9,610	2,850	2,100
6	2,320	2,500	951	2,370	2,740	2,990	3,270	8,220	27,600	9,020	2,910	2,130
7	2,330	2,440	1,270	2,140	2,760	2,970	3,160	7,760	27,800	8,320	2,850	2,080
8	2,550	2,400	1,660	2,200	2,730	2,990	3,080	7,640	26,900	7,800	2,810	2,060
9	2,520	2,480	1,850	2,190	2,710	3,050	3,150	7,900	26,200	7,350	2,850	2,340
10	2,450	2,330	1,950	2,030	2,690	3,040	3,590	8,330	24,400	6,770	2,900	3,240
11	2,350	2,450	1,940	2,170	2,660	3,080	4,120	9,280	22,100	6,280	2,800	3,230
12	2,260	2,800	2,180	3,270	2,630	3,230	4,060	10,300	20,600	5,910	2,850	3,130
13	2,160	2,650	2,330	3,100	2,440	3,450	4,130	11,200	19,700	5,590	2,670	3,470
14	2,110	2,660	2,360	3,760	2,480	3,530	4,790	11,700	18,900	5,320	2,620	2,910
15	2,040	2,750	2,440	5,030	2,570	3,580	4,970	12,100	17,700	4,830	2,680	2,810
16	2,000	2,730	2,370	4,860	2,670	3,660	4,620	11,900	16,900	4,420	2,710	2,570
17	1,960	2,640	2,320	3,990	2,920	3,630	4,350	11,000	17,100	4,170	2,610	2,430
18	1,940	2,540	2,390	3,540	2,980	3,570	4,380	11,000	16,700	3,950	2,780	e2,400
19	1,910	2,480	e2,250	3,460	3,050	3,660	4,910	11,900	16,600	3,670	3,040	e2,370
20	1,920	2,430	e2,000	3,410	2,940	3,500	5,780	e15,000	17,200	3,510	2,960	e2,340
21	2,080	2,410	e1,900	3,260	2,750	3,210	6,590	e18,000	17,900	3,480	2,800	2,310
22	2,860	2,370	e1,800	3,010	2,940	3,060	7,660	e22,000	18,800	3,420	2,610	2,560
23	3,230	2,330	e1,800	2,970	3,220	3,100	8,860	e24,800	19,100	3,250	2,490	2,320
24	3,250	2,310	e1,700	2,970	3,620	3,030	9,640	27,400	19,200	3,120	2,430	2,440
25	3,140	2,310	e1,600	2,910	3,680	3,050	9,650	29,500	18,900	3,040	2,390	2,520
26	2,780	2,280	e1,500	2,840	3,630	3,010	9,070	31,300	18,100	3,060	2,370	2,480
27	2,810	2,270	1,480	2,820	3,630	3,120	8,450	32,900	17,300	3,280	2,330	2,430
28	3,460	2,280	1,370	2,930	3,760	3,230	8,660	34,500	16,800	3,540	2,260	2,570
29	3,480	2,260	1,490	2,970	---	3,180	9,690	34,900	15,400	3,270	2,220	2,440
30	3,600	2,220	1,850	3,000	---	3,130	10,000	33,700	14,100	3,030	2,200	2,520
31	3,580	---	2,090	3,200	---	3,180	---	31,900	---	2,920	2,160	---
Total	78,370	75,240	55,182	92,500	84,020	100,340	166,020	523,610	641,100	178,730	82,640	74,710
Mean	2,528	2,508	1,780	2,984	3,001	3,237	5,534	16,890	21,370	5,765	2,666	2,490
Max	3,600	3,120	2,440	5,030	3,760	3,660	10,000	34,900	30,900	13,400	3,040	3,470
Min	1,910	2,220	781	2,030	2,440	2,970	2,900	7,640	14,100	2,920	2,160	2,060
Ac-ft	155,400	149,200	109,500	183,500	166,700	199,000	329,300	1,039,000	1,272,000	354,500	163,900	148,200

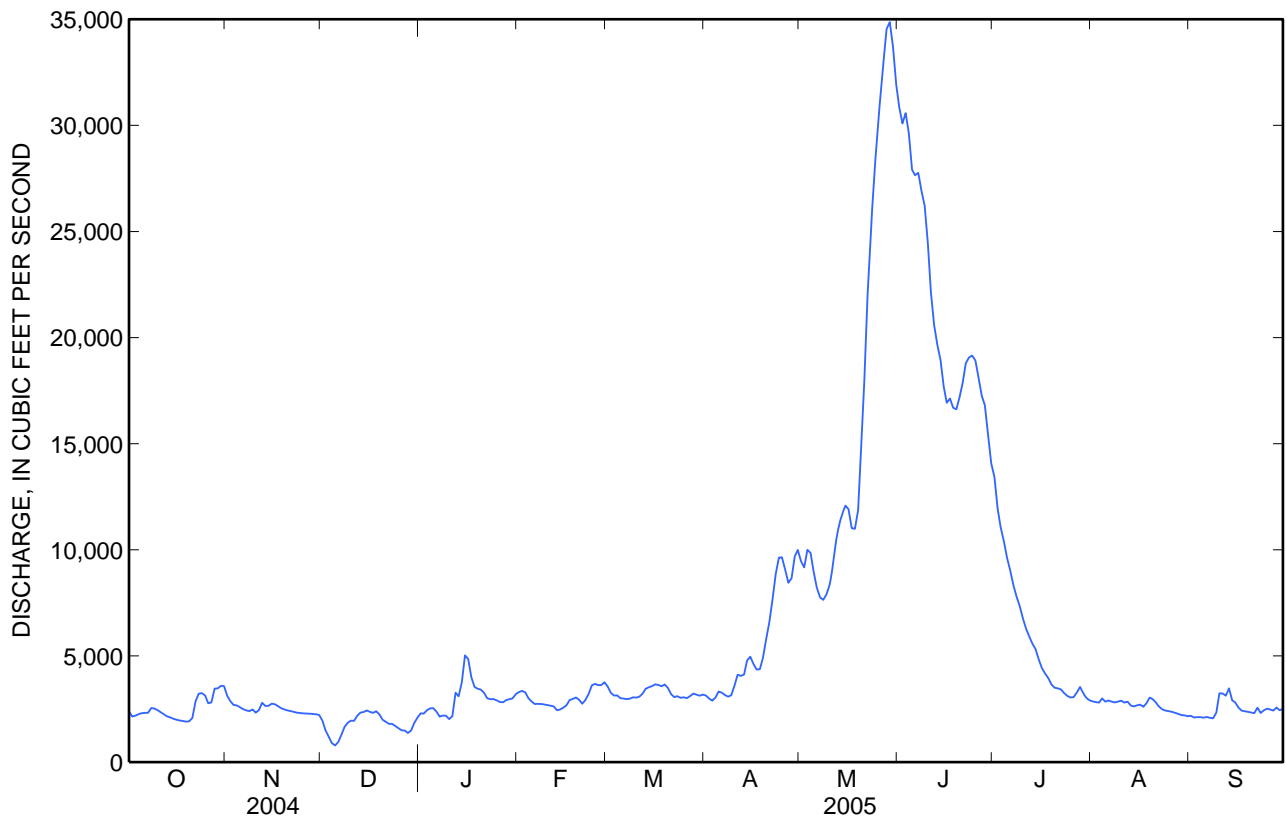
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1895-99, 1905-2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	3,013	2,872	2,352	2,308	2,803	4,481	7,197	15,490	18,650	7,760	3,610	2,800
Max	7,701	6,490	5,894	5,739	7,258	11,430	18,370	40,990	46,650	31,630	11,220	9,960
(WY)	(1983)	(1987)	(1987)	(1985)	(1962)	(1910)	(1962)	(1897)	(1921)	(1907)	(1907)	(1909)
Min	718	935	801	1,000	1,050	1,617	2,591	4,212	2,128	645	712	603
(WY)	(1935)	(1935)	(1909)	(1897)	(1898)	(1963)	(1963)	(1990)	(1934)	(1934)	(1934)	(1934)

09315000 GREEN RIVER AT GREEN RIVER, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1895-99, 1905-2005	
Annual total	1,034,432		2,152,462			
Annual mean	2,826		5,897		6,119	
Highest annual mean					12,280	1907
Lowest annual mean					1,805	1934
Highest daily mean	11,700	May 15	34,900	May 29	66,700	Jun 27, 1917
Lowest daily mean	781	Dec 5	781	Dec 5	380	Dec 5, 1934
Annual seven-day minimum	1,160	Jan 23	1,180	Dec 2	419	Jul 30, 1934
Annual runoff (ac-ft)	2,052,000		4,269,000		4,433,000	
10 percent exceeds	5,260		16,800		15,000	
50 percent exceeds	2,300		3,010		3,410	
90 percent exceeds	1,220		2,110		1,500	



09315000 GREEN RIVER AT GREEN RIVER, UT—Continued**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--August 1928 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1941 to September 1981, March 1982 to current year.

WATER TEMPERATURE: May 1949 to September 1959, October 1964 to September 1981, March 1982 to current year.

SUSPENDED-SEDIMENT DISCHARGE: May 1930 to September 1984.

INSTRUMENTATION.--Water-quality monitor April 1985 to September 1989.

REMARKS.--Unpublished daily records of specific conductance obtained before water year 1965 were included in the determination of extremes for period of daily record and are available in files of district office.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 3,250 microsiemens/cm, Dec 1, 1967; minimum daily, 255 microsiemens/cm, Jun 30, 1978.

WATER TEMPERATURE: Maximum, 30.0°C, Aug 13, 1958, Jul 5, 6, 8, 12, Aug 5, 2001, Jul 9, 14, 2002, Jul 21, 2003; minimum, 0.0°C, on many days during winter period each year.

SEDIMENT CONCENTRATIONS: Maximum daily mean, 66,000 mg/L, Jul 11, 1936; minimum daily, 19 mg/L, Sep 30, 1974.

SEDIMENT LOADS: Maximum daily, 2,230,000 tons, Jul 11, 1936; minimum daily, 54 tons, Sep 27, 1956.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum observed 1,230 microsiemens/cm, Sep 11; minimum observed, 325 microsiemens/cm, Jun 26.

WATER TEMPERATURE: Maximum observed, 28.0°C, Jul 14, 17, 18; minimum observed, 0.0°C, on several days in Dec.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Date	Time	Gage height, feet (00065)	Instan- taneous dis- charge, cfs (00061)	pH, water, unfltrd fld, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	Residue on evap. at 180degC wat flt mg/L (70300)
Nov								
16...	1600	6.37	2,700	8.2	850	11.0	8.5	531
Jan								
25...	1100	6.41	2,840	8.2	890	3.5	2.0	569
Mar								
18...	0830	6.71	3,440	8.5	810	5.0	6.5	521
May								
04...	0840	8.79	9,820	8.2	470	14.5	14.0	289
Jun								
14...	0815	10.71	19,000	8.2	420	15.0	16.5	250
Jul								
28...	0800	6.70	3,450	8.4	690	18.0	23.0	436
Sep								
01...	0815	6.13	2,240	8.3	790	19.0	19.0	509

09315000 GREEN RIVER AT GREEN RIVER, UT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Instan- taneous dis- charge, cfs (00061)	Specif. conduc- tance, uS/cm 25 degC (00095)	Temper- ature, deg C (00010)	Noncarb hard- ness,			Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)	Sodium adsorp- tion ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Sodium, percent (00932)	Alka- linity, wat flt inc tit field, mg/L as CaCO3 (39086)
					Hard- ness, water, mg/L as CaCO3 (00900)	wat flt field, mg/L as CaCO3 (00904)	Calcium water, fltrd, mg/L (00915)						
Oct 14...	1550	2,070	646	14.7	220	83	54.3	21.1	2.50	2	53.2	34	140
Nov 16...	1605	2,700	815	8.4	270	100	63.0	27.0	2.95	2	83.0	40	168

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 2 of 2

[Remark codes: <, less than.]

Date	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of consti- tuents mg/L (70301)	Residue water, fltrd, tons/ acre-ft (70303)	Residue water, fltrd, tons/d (70302)	Residue on evap. at 180degC wat flt mg/L (70300)	Hydro- gen ion, water, fltrd, calcd, mg/L (00191)	Iron, water, fltrd, ug/L (01046)
Nov 16...	26.7	.4	8.46	220	532	.72	3,880	532	1,000	<6

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instan- taneous dis- charge, cfs (00061)	Specif. conduc- tance, uS/cm 25 degC (00095)	Temper- ature, deg C (00010)	Residue on evap. at 180degC wat flt mg/L (70300)	Hydro- gen ion, water, fltrd, calcd, mg/L (00191)
16...	0745	2,230	840	.2	--	1,000
Feb 10...	1048	2,690	888	3.8	--	1,000
Mar 31...	1650	3,200	865	11.0	--	1,000
Apr 01...	1020	3,070	842	9.1	549	1,000

09315000 GREEN RIVER AT GREEN RIVER, UT—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY INSTANTANEOUS VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,000	750	780	900	870	910	880	470	370	385	720	830
2	880	920	820	910	860	890	870	480	385	365	720	800
3	810	940	820	880	850	880	870	500	---	365	720	810
4	---	910	850	840	860	880	880	480	390	390	720	830
5	770	840	930	830	900	880	880	490	385	405	760	800
6	760	820	940	---	930	870	870	520	405	420	---	---
7	740	800	900	780	910	880	850	550	395	425	830	820
8	740	820	930	770	910	880	860	560	400	435	800	810
9	710	830	960	790	920	890	860	570	405	475	770	880
10	700	---	940	820	920	900	840	580	400	470	750	960
11	680	840	960	800	910	900	820	560	405	---	760	1,230
12	660	800	920	830	900	900	820	520	410	495	850	---
13	650	800	880	860	920	890	810	495	425	520	790	830
14	650	810	860	840	950	900	770	470	425	540	790	830
15	660	820	830	790	960	880	770	490	430	550	770	900
16	660	840	820	760	920	830	720	480	430	550	780	880
17	670	900	810	760	910	820	690	470	435	570	810	920
18	690	940	800	720	900	820	680	480	430	560	810	850
19	690	890	800	720	890	810	680	490	410	590	820	850
20	700	850	800	770	920	810	680	500	400	610	800	870
21	700	820	790	760	930	810	660	480	380	---	780	870
22	790	810	790	820	920	830	640	470	360	---	780	870
23	740	810	820	850	900	830	580	490	350	635	800	860
24	740	810	830	840	880	850	530	450	390	635	810	---
25	710	---	---	860	870	850	500	420	330	660	820	890
26	800	810	840	890	910	840	520	400	325	660	840	880
27	900	800	860	---	920	860	490	400	350	670	810	870
28	1,120	800	860	980	930	850	540	390	---	710	800	880
29	980	800	870	920	---	860	510	380	355	720	800	910
30	860	790	860	900	---	870	---	360	360	---	800	880
31	740	---	860	880	---	880	---	360	---	---	810	---
Mean	763	835	858	830	906	863	727	476	391	531	787	874
Max	1,120	940	960	980	960	910	880	580	435	720	850	1,230
Min	650	750	780	720	850	810	490	360	325	365	720	800

09315000 GREEN RIVER AT GREEN RIVER, UT—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY INSTANTANEOUS VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	18.0	7.5	1.0	2.0	3.0	8.0	11.0	13.0	17.0	22.0	25.0	21.0
2	19.0	7.0	0.0	2.0	3.0	9.0	9.0	12.0	17.0	23.0	26.0	23.5
3	18.0	6.0	1.0	2.0	3.0	7.0	13.0	15.0	---	23.0	25.0	24.0
4	---	6.0	0.0	2.0	3.5	10.0	13.0	14.0	15.0	22.0	25.0	23.0
5	18.0	6.0	1.5	2.0	2.0	10.0	11.0	15.5	14.0	22.5	25.0	24.0
6	17.5	7.5	2.0	---	3.0	10.0	13.0	16.0	17.0	23.0	---	---
7	19.0	5.0	2.0	1.0	4.0	7.0	13.0	15.0	15.0	23.0	27.0	25.0
8	19.5	7.0	1.0	1.0	3.0	11.0	11.0	16.0	16.0	22.0	26.0	22.0
9	18.0	7.0	1.0	2.0	3.0	9.0	12.0	16.0	18.0	26.0	25.0	22.0
10	17.5	---	2.0	2.5	3.0	12.0	12.0	15.0	17.0	25.0	26.0	21.0
11	15.0	9.0	2.5	4.5	3.0	10.0	12.0	14.0	16.0	---	25.0	18.0
12	16.5	8.0	3.0	4.0	3.0	11.5	11.0	15.0	16.0	25.0	26.0	---
13	15.0	8.0	1.0	2.0	4.0	11.0	11.0	15.0	18.0	27.0	26.0	18.0
14	14.0	9.0	2.0	2.0	6.0	9.0	11.0	14.0	16.0	28.0	25.0	20.0
15	14.0	9.0	1.0	2.0	5.0	9.0	12.0	17.0	18.0	25.0	25.0	19.0
16	15.5	9.0	1.0	2.0	6.0	9.0	15.0	17.0	18.0	25.0	25.0	20.0
17	14.0	9.0	1.0	2.0	4.0	9.0	15.5	17.5	19.0	28.0	25.0	20.0
18	13.5	8.0	1.0	2.0	4.0	10.0	15.0	18.0	19.0	28.0	25.0	18.0
19	12.5	6.0	1.0	2.0	5.0	9.0	15.0	17.0	21.0	24.0	24.5	16.0
20	12.5	6.0	1.0	2.0	6.0	8.0	14.0	19.0	20.0	27.0	25.0	20.0
21	12.0	5.0	1.0	2.0	6.0	9.5	15.0	20.0	22.0	---	24.0	19.0
22	12.0	6.0	0.0	3.0	5.0	8.0	14.0	20.0	23.0	---	25.0	17.0
23	12.0	5.0	0.0	2.0	6.0	9.0	15.0	20.0	22.0	27.0	24.0	18.0
24	10.0	5.0	0.0	3.0	7.0	11.0	14.0	20.0	22.0	25.0	24.5	---
25	10.0	---	---	3.0	7.0	9.0	13.0	18.0	20.0	26.0	24.5	19.5
26	10.0	6.0	0.0	2.0	7.5	9.0	14.5	19.0	22.0	27.0	25.0	19.5
27	9.0	4.5	0.0	---	7.0	11.0	14.0	18.0	21.0	27.0	25.0	19.0
28	10.0	4.0	1.0	3.0	6.5	10.0	15.0	18.0	---	25.0	23.0	17.5
29	9.0	3.0	1.0	4.0	---	11.0	15.0	21.0	20.0	23.0	25.0	16.0
30	8.0	2.0	1.5	4.0	---	10.0	---	18.0	21.0	---	25.0	17.0
31	9.5	---	2.0	4.0	---	9.0	---	16.0	---	---	22.0	---
Mean	13.9	6.4	1.1	2.4	4.6	9.5	13.1	16.7	18.6	24.9	24.9	19.9
Max	19.5	9.0	3.0	4.5	7.5	12.0	15.5	21.0	23.0	28.0	27.0	25.0
Min	8.0	2.0	0.0	1.0	2.0	7.0	9.0	12.0	14.0	22.0	22.0	16.0

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09317800 ELECTRIC LAKE NEAR SCOFIELD, UT

Green River Basin

LOCATION.--Lat 39°36'03", long 111°12'41" referenced to North American Datum of 1927, in NE ¼ NE ¼ SE ¼ sec.14, T.14 S., R.6 E., Emery County, Hydrologic Unit 14060009, 25 mi northwest of Huntington, 21 mi east of Fairview.

DRAINAGE AREA.--31.0 mi².

RESERVOIR-CONTENTS RECORDS

PERIOD OF RECORD.--November 1973 to current year. Not published prior to 1986. Records available from PacifiCorp.

GAGE.--Elevation of gage is 8,300 ft above NGVD of 1929, PacifiCorp datum.

COOPERATION.--Records provided by PacifiCorp, under general supervision of Geological Survey, in connection with a Federal Energy Regulatory Commission project.

REMARKS.--Records good.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 19,970 acre-ft Jul 5, elevation 8548.54 ft; minimum contents 7,706 acre-ft Apr 7, 8, 12-14, elevation 8499.37 ft.

09317800 ELECTRIC LAKE NEAR SCOFIELD, UT—Continued

RESERVOIR STORAGE, ACRE FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY INSTANTANEOUS VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9,298	9,040	8,747	8,516	8,245	7,988	7,742	8,029	16,910	19,940	18,820	18,260
2	9,284	9,028	8,751	8,506	8,233	7,977	7,735	8,051	17,190	19,950	18,810	18,220
3	9,274	9,024	8,741	8,496	8,222	7,966	7,727	8,075	17,440	19,960	18,800	18,190
4	9,259	9,012	8,735	8,491	8,212	7,953	7,716	8,085	17,630	19,960	18,780	18,170
5	9,263	9,000	8,725	8,446	8,199	7,944	7,713	8,119	17,800	19,970	18,760	18,140
6	9,249	8,990	8,718	8,443	8,197	7,931	7,707	8,235	17,980	19,910	18,740	18,110
7	9,237	8,976	8,710	8,437	8,194	7,921	7,706	8,355	18,140	19,880	18,730	18,080
8	9,217	8,974	8,704	8,431	8,186	7,909	7,706	8,448	18,280	19,850	18,720	18,050
9	9,211	8,974	8,704	8,429	8,177	7,899	7,707	8,574	18,410	19,810	18,710	18,020
10	9,193	8,968	8,694	8,429	8,173	7,890	7,709	8,731	18,530	19,780	18,710	18,000
11	9,186	8,962	8,686	8,431	8,162	7,879	7,707	8,853	18,650	19,740	18,700	17,960
12	9,168	8,960	8,677	8,433	8,156	7,874	7,706	8,956	18,790	19,700	18,690	17,930
13	9,152	8,952	8,667	8,431	8,149	7,868	7,706	9,046	18,900	19,660	18,680	17,900
14	9,138	8,942	8,657	8,423	8,139	7,861	7,706	9,156	18,990	19,610	18,660	17,870
15	9,122	8,928	8,647	8,414	8,137	7,853	7,707	9,306	19,100	19,560	18,640	17,820
16	9,106	8,920	8,642	8,402	8,130	7,846	7,715	9,537	19,210	19,500	18,640	17,780
17	9,094	8,909	8,630	8,393	8,117	7,839	7,736	9,818	19,300	19,440	18,630	17,730
18	9,084	8,895	8,620	8,385	8,107	7,830	7,766	10,050	19,400	19,390	18,610	17,690
19	9,080	8,869	8,611	8,376	8,100	7,822	7,798	10,380	19,480	19,330	18,580	17,650
20	9,080	8,855	8,599	8,364	8,092	7,817	7,824	10,830	19,550	19,270	18,560	17,610
21	9,096	8,843	8,589	8,355	8,085	7,813	7,831	11,390	19,600	19,220	18,540	17,580
22	9,104	8,834	8,581	8,345	8,074	7,802	7,831	12,000	19,660	19,160	18,520	17,520
23	9,102	8,822	8,578	8,334	8,064	7,800	7,830	12,640	19,710	19,110	18,490	17,470
24	9,098	8,810	8,572	8,324	8,053	7,798	7,841	13,320	19,750	19,050	18,480	17,440
25	9,094	8,796	8,562	8,315	8,042	7,793	7,853	13,960	19,790	19,000	18,450	17,400
26	9,084	8,792	8,552	8,303	8,033	7,784	7,861	14,500	19,820	18,940	18,430	17,370
27	9,074	8,786	8,541	8,296	8,020	7,773	7,890	14,980	19,840	18,890	18,410	17,350
28	9,074	8,784	8,531	8,288	8,007	7,769	7,934	15,420	19,860	18,870	18,390	17,340
29	9,070	8,784	8,525	8,279	---	7,764	7,971	15,870	19,890	18,850	18,370	17,330
30	9,058	8,778	8,522	8,269	---	7,758	8,001	16,290	19,910	18,840	18,330	17,310
31	9,054	---	8,516	8,254	---	7,751	---	16,610	---	18,830	18,300	---
Max	9,298	9,040	8,751	8,516	8,245	7,988	8,001	16,610	19,910	19,970	18,820	18,260
Min	9,054	8,778	8,516	8,254	8,007	7,751	7,706	8,029	16,910	18,830	18,300	17,310
(#)	8,506.44	8,505.05	8,503.70	8,502.33	8,501.01	8,499.62	8,500.98	8,537.74	8,548.38	8,545.07	8,543.38	8,540.13
(*)	-258	-276	-262	-262	-247	-256	+250	+8,609	+3,300	-1,080	-530	-990

CAL YR 2004.....(*) +332

WTR YR 2005.....(*) +7,998

(#) Elevation, in feet, at end of month

(*) Change in contents, in acre-feet

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09317997 HUNTINGTON CREEK NEAR HUNTINGTON, UT

Green River Basin

LOCATION.--Lat 39°23'07", long 111°05'15" referenced to North American Datum of 1927, in SE ¼ NE ¼ SW ¼ sec.36, T.16 S., R.7 E., Emery County, Hydrologic Unit 14060009, on right bank about 500 ft upstream from bridge to Deer Creek Mine, 8 mi northwest of Huntington.

DRAINAGE AREA.--178 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1979 to current year. Water years 1981-85 not published, records available in office of PacifiCorp, located in Salt Lake City, Ut.

GAGE.--Water-stage recorder. Elevation of gage is 6,450 ft above NGVD of 1929, from topographic map.

COOPERATION.--Records collected by PacifiCorp.

REMARKS.--Records fair. Small transmountain diversions to tributaries of San Pitch River (Sevier Lake Basin). Flow regulated by reservoirs above station.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--22 years, 73.8 ft³/s, 53,450 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,680 ft³/s, May 24, 1984, gage height, 4.96 ft; minimum discharge, 3.0 ft³/s, Feb 2-5, 1981.

09317997 HUNTINGTON CREEK NEAR HUNTINGTON, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	106	19	19	10	18	19	20	53	274	153	93	74
2	105	25	20	9.0	15	18	22	51	284	149	91	76
3	100	23	18	11	18	17	25	54	262	145	86	78
4	94	21	21	11	17	18	25	90	212	142	82	80
5	85	20	21	10	17	18	23	107	194	142	83	79
6	66	20	22	8.0	18	18	23	124	197	156	82	78
7	59	20	21	5.7	21	18	26	102	193	155	84	83
8	53	25	22	10	16	18	29	93	181	152	86	84
9	47	28	24	10	15	18	27	108	173	160	84	89
10	45	23	23	8.0	16	19	26	118	162	160	79	90
11	45	20	21	7.0	17	19	25	99	166	158	76	86
12	44	21	21	5.0	20	19	25	94	164	158	75	86
13	40	19	20	4.0	16	19	23	88	146	157	73	81
14	37	19	18	4.0	16	19	22	107	145	149	73	70
15	38	19	19	7.0	16	22	24	139	160	134	72	65
16	37	18	15	11	16	20	26	185	190	132	70	62
17	37	19	15	13	18	18	29	194	245	127	60	63
18	37	19	18	9.0	18	18	38	175	252	127	53	63
19	39	19	15	11	16	18	43	229	241	124	52	63
20	42	19	18	10	16	18	46	314	231	109	52	64
21	48	21	16	11	18	18	39	347	226	119	53	79
22	39	19	13	12	20	18	40	367	224	136	52	96
23	20	19	11	12	19	18	43	393	218	135	52	75
24	21	21	11	12	19	18	60	420	209	132	57	71
25	22	19	11	13	20	18	58	432	206	131	56	72
26	20	19	11	15	21	18	53	410	190	110	55	73
27	19	19	14	15	19	19	62	383	182	104	58	70
28	22	19	13	14	21	19	61	368	182	94	58	74
29	18	19	12	15	---	19	58	385	143	95	55	67
30	18	19	11	16	---	19	52	362	138	79	57	65
31	18	---	11	16	---	20	---	292	---	95	72	---
Total	1,421	610	525	324.7	497	575	1,073	6,683	5,990	4,119	2,131	2,256
Mean	45.8	20.3	16.9	10.5	17.8	18.5	35.8	216	200	133	68.7	75.2
Max	106	28	24	16	21	22	62	432	284	160	93	96
Min	18	18	11	4.0	15	17	20	51	138	79	52	62
Ac-ft	2,820	1,210	1,040	644	986	1,140	2,130	13,260	11,880	8,170	4,230	4,470

	Calendar Year 2004	Water Year 2005
Total	15,743	26,204.7
Mean	43.0	71.8
Max	136	432
Min	11	4.0
Ac-ft	31,230	51,980

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09319000 EPHRAIM TUNNEL NEAR EPHRAIM, UT (Transmountain diversion)

Green River Basin

LOCATION.--Lat 39°19'47", long 111°25'51" referenced to North American Datum of 1927, in SE ¼ SE ¼ SE ¼ sec.14, T.17 S., R.4 E., Sanpete County, Hydrologic Unit 14060009, at east tunnel portal, 9.0 mi east of Ephraim.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--September 1949 to current year. Monthly discharge only for September 1949 to September 1960; figures of daily discharge available in Salt Lake City District Office, Geological Survey. Seasonal records only since October 1971.

GAGE.--Water-stage recorder and masonry control. Datum of gage is 9,694.9 ft above NGVD of 1929. (Levels by U.S. Geological Survey, Topographic Division.)

REMARKS.--Records poor. Tunnel diverts from Cottonwood Creek drainage in Colorado River Basin to San Pitch River in the Great Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 142 ft³/s, June 6, 1964, gage height, 5.43 ft; no flow at times in some years.

09319000 EPHRAIM TUNNEL NEAR EPHRAIM, UT (Transmountain diversion)—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	e3.4	0.00	32	30	1.9	0.04
2	---	---	---	---	---	---	e4.5	0.00	37	27	1.0	0.04
3	---	---	---	---	---	---	e5	0.00	26	25	0.86	0.05
4	---	---	---	---	---	---	e3.7	0.00	18	21	1.5	0.29
5	---	---	---	---	---	---	e2.6	0.01	22	18	2.2	0.14
6	---	---	---	---	---	---	e2.1	0.12	34	16	e2.3	0.07
7	---	---	---	---	---	---	e2.6	0.04	32	14	e1.5	0.10
8	---	---	---	---	---	---	e3.4	0.05	42	13	0.97	0.04
9	---	---	---	---	---	---	e3.6	0.05	57	13	1.1	0.27
10	---	---	---	---	---	---	e4.0	0.05	62	11	1.1	0.14
11	---	---	---	---	---	---	e2.6	0.05	51	9.8	0.50	0.05
12	---	---	---	---	---	---	e2.1	0.05	33	8.3	0.36	0.03
13	---	---	---	---	---	---	e2.4	0.05	31	7.6	0.25	0.03
14	---	---	---	---	---	---	e2.8	0.12	47	6.9	0.20	0.02
15	---	---	---	---	---	---	e3.5	0.19	77	6.5	0.36	0.01
16	---	---	---	---	---	---	e4.6	0.44	92	6.1	0.65	0.01
17	---	---	---	---	---	---	e5.8	2.2	97	5.7	0.22	0.01
18	---	---	---	---	---	---	e5.7	2.3	101	5.4	0.10	0.01
19	---	---	---	---	---	---	e4.8	2.6	97	e5.6	0.20	0.00
20	---	---	---	---	---	---	e3.9	3.9	87	e4.8	0.16	0.00
21	---	---	---	---	---	---	e3.0	e6.5	81	e4.4	0.28	0.03
22	---	---	---	---	---	---	e2.4	e15	83	4.3	0.28	0.02
23	---	---	---	---	---	---	e2.0	e17	72	4.0	0.41	0.00
24	---	---	---	---	---	---	e2.4	e20	57	3.6	0.08	0.00
25	---	---	---	---	---	---	e2.4	e62	52	3.6	0.02	0.01
26	---	---	---	---	---	---	e2.6	76	46	3.2	0.02	0.01
27	---	---	---	---	---	---	e3.6	60	37	2.8	0.04	0.28
28	---	---	---	---	---	---	e2.6	54	36	2.6	0.04	0.11
29	---	---	---	---	---	---	e1.1	56	34	2.4	0.02	0.01
30	---	---	---	---	---	---	0.00	41	32	2.6	0.02	0.01
31	---	---	---	---	---	---	---	28	---	2.2	0.04	---
Total	---	---	---	---	---	---	95.20	447.72	1,605	290.4	18.68	1.83
Mean	---	---	---	---	---	---	3.17	14.4	53.5	9.37	0.60	0.06
Max	---	---	---	---	---	---	5.8	76	101	30	2.3	0.29
Min	---	---	---	---	---	---	0.00	0.00	18	2.2	0.02	0.00
Ac-ft	---	---	---	---	---	---	189	888	3,180	576	37	3.6



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09326500 FERRON CREEK (UPPER STATION) NEAR FERRON, UT

Green River Basin

LOCATION.--Lat 39°06'15", long 111°12'57" referenced to North American Datum of 1927, in NE ¼ SE ¼ SW ¼ sec.2, T.20 S., R.6 E., Emery County, Hydrologic Unit 14060009, on right bank 1.8 mi upstream from Dry Wash and 4.5 mi west of Ferron.

DRAINAGE AREA.--138 mi².

WATER-DISCHARGE RECORDS

REVISED RECORDS.--WSP 1243: 1951(P). WSP 1313: 1920(M).

PERIOD OF RECORD.--May 1911 to September 1923, October 1947 to current year. Monthly discharge only for some periods, published in WSP 1313.

Records for station at site 2 mi downstream published as Ferron Creek near Ferron, April 1909 to October 1911, not equivalent because of diversions 1.5 mi downstream from present site.

GAGE.--Water-stage recorder. Elevation of gage is 6,210 ft above NGVD of 1929, from topographic map. May 6, 1911 to September 30, 1923, nonrecording gages in vicinity of present site at different datums. December 19, 1947 to September 30, 1966, at site 1.5 mi downstream at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Slight regulation by small reservoir above station (capacity not known). Greater part of flow diverted during irrigation season by Upper North and Upper South Canals, 1.5 mi below station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge observed, 4,180 ft³/s, Aug 27, 1952, gage height, 9.71 ft, site and datum then in use, from rating table extended above 400 ft³/s, on basis of slope-area measurements at gage heights, 8.70 ft and 9.71 ft, site and datum then in use; no flow Oct 19, 20, 21, 1976.

EXTREMES FOR CURRENT YEAR.-- Peak discharges greater than base discharge of 600 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
May 25	2230	*827	*5.60

Minimum daily discharge, 9.0 ft³/s, Nov 30.

09326500 FERRON CREEK (UPPER STATION) NEAR FERRON, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	15	12	e9.4	e11	e14	12	13	83	533	211	54	28
2	16	17	e9.4	e11	e13	11	16	79	573	200	53	28
3	15	17	e9.3	e11	e13	12	19	83	532	190	53	57
4	15	17	e9.4	e12	e13	12	21	103	442	182	e52	34
5	15	15	e9.6	e12	e12	12	15	138	406	172	e53	29
6	14	15	e9.8	e11	e12	13	18	142	413	164	53	25
7	14	15	e10	e9.6	e13	14	26	126	392	155	50	24
8	14	24	e11	e9.8	e12	14	28	129	366	145	50	24
9	14	26	e11	e10	e11	15	21	157	368	139	56	29
10	14	19	e12	e11	e10	18	18	167	362	130	70	27
11	14	18	e13	e12	e10	18	18	142	360	122	53	23
12	14	20	e11	e11	e10	20	21	135	340	116	48	22
13	14	19	e12	e10	e10	18	29	139	310	109	46	22
14	14	15	e12	e9.8	11	12	30	168	317	105	44	21
15	14	15	e12	e10	11	12	34	214	351	101	43	21
16	13	17	e11	e11	11	13	46	248	371	96	47	21
17	14	16	e11	e12	11	12	63	247	381	91	44	20
18	15	e13	e10	e12	11	11	68	236	386	86	40	20
19	17	e12	e10	e12	11	12	58	314	377	83	38	20
20	22	e11	e10	e13	12	12	44	405	360	80	38	19
21	40	e12	e11	e14	11	12	41	466	344	77	38	23
22	29	e11	e10	e13	12	12	48	533	338	76	38	25
23	18	e11	e10	e13	13	13	58	595	324	75	36	21
24	20	e10	e9.8	e13	12	13	92	656	306	72	35	20
25	20	e12	e9.6	e13	12	14	64	685	296	71	34	19
26	18	e11	e11	e13	12	13	61	687	280	72	33	18
27	18	e10	e11	e13	12	13	83	674	262	67	33	21
28	24	e10	e12	e13	12	15	81	669	253	62	34	30
29	17	e9.5	e12	e13	---	13	79	683	240	57	31	24
30	16	e9.0	e12	e14	---	13	74	627	224	56	30	20
31	16	---	e11	e15	---	13	---	518	---	56	29	---
Total	533	438.5	332.3	368.2	327	417	1,287	10,248	10,807	3,418	1,356	735
Mean	17.2	14.6	10.7	11.9	11.7	13.5	42.9	331	360	110	43.7	24.5
Max	40	26	13	15	14	20	92	687	573	211	70	57
Min	13	9.0	9.3	9.6	10	11	13	79	224	56	29	18
Ac-ft	1,060	870	659	730	649	827	2,550	20,330	21,440	6,780	2,690	1,460

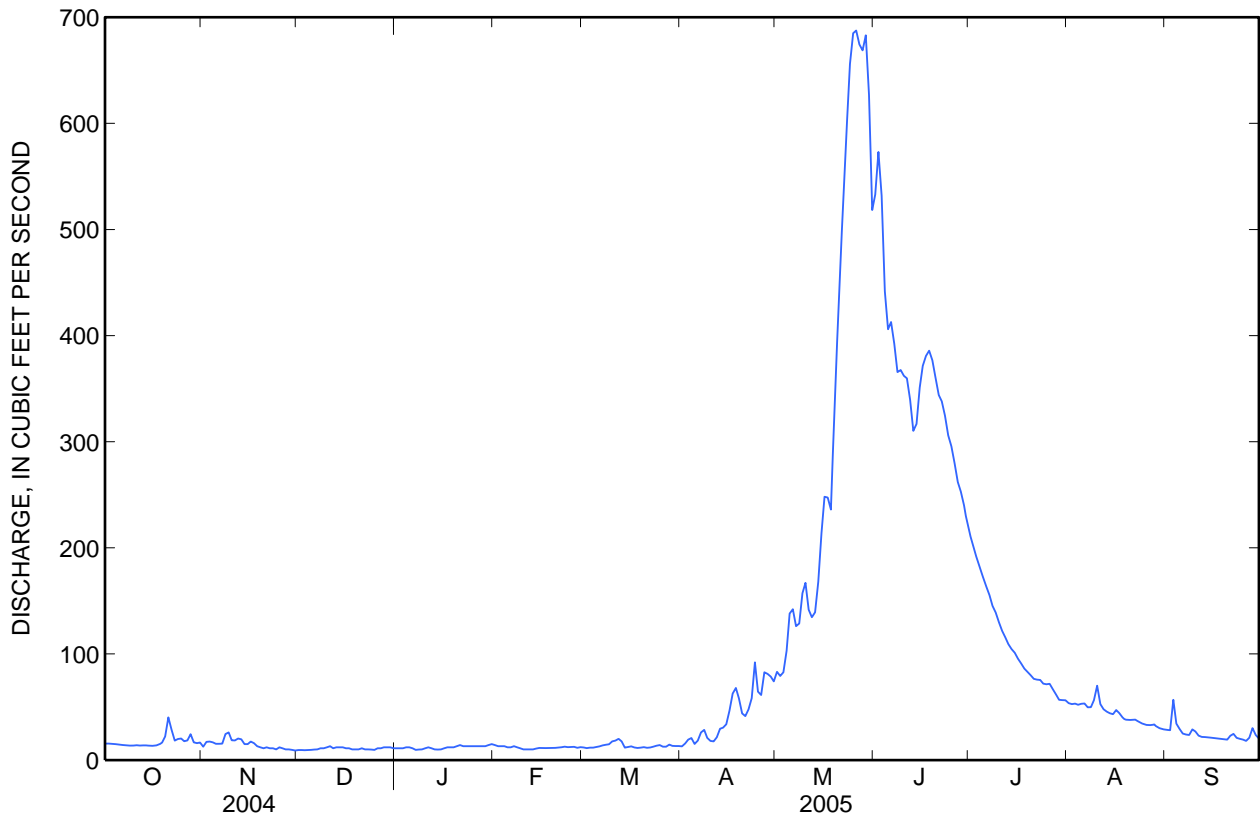
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1912-23, 1948-2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	18.0	13.6	10.6	9.09	10.1	14.2	44.5	222	285	96.6	40.7	23.9
Max	70.2	32.2	21.5	19.7	30.4	26.7	128	486	732	404	128	51.0
(WY)	(1917)	(1985)	(1985)	(1998)	(1998)	(1998)	(1985)	(1952)	(1984)	(1983)	(1983)	(1952)
Min	7.59	6.40	4.27	3.00	4.61	5.02	13.7	44.8	40.3	17.2	12.0	9.30
(WY)	(1960)	(1995)	(1963)	(1963)	(1978)	(1977)	(1967)	(1977)	(1977)	(1977)	(1977)	(1994)

09326500 FERRON CREEK (UPPER STATION) NEAR FERRON, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1912-23, 1948-2005	
Annual total	19,042.0		30,267.0			
Annual mean	52.0		82.9		65.9	
Highest annual mean					140	1984
Lowest annual mean					17.6	1977
Highest daily mean	294	May 10	687	May 26	1,240	Jun 7, 1984
Lowest daily mean	5.0	Jan 5	9.0	Nov 30	1.0	Mar 22, 1912
Annual seven-day minimum	5.3	Jan 3	9.4	Nov 29	2.6	Jan 4, 1960
Annual runoff (ac-ft)	37,770		60,030		47,740	
10 percent exceeds	187		308		194	
50 percent exceeds	18		20		18	
90 percent exceeds	7.6		11		8.0	





Water-Data Report UT-2005

09328060 SAN RAFAEL RIVER AT FULLER BOTTOM NEAR CASTLE DALE, UT

Green River Basin

LOCATION.--Lat 39°07'05.45", long 110°51'18.38" referenced to North American Datum of 1983, in NE ¼ NW ¼ NE ¼ sec.1, T.20 S., R.9 E., Carbon County, Hydrologic Unit 14060009, on left bank at Fuller Bottom, 14.3 mi southeast of Castle Dale.

DRAINAGE AREA.--965 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 2003 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,287 ft above NGVD of 1929.

REMARKS.--Records fair except for estimated daily discharges, which are poor. There are several diversions above the station for irrigation including transmountain diversions to the Sevier Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,800 ft³/s, Jun 3, 2005, gage height, 12.15 ft; minimum daily discharge, 0.49 ft³/s, Apr 19, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,800 ft³/s, Jun 3, gage height, 12.15 ft; minimum daily discharge, 8.5 ft³/s, Apr 18.

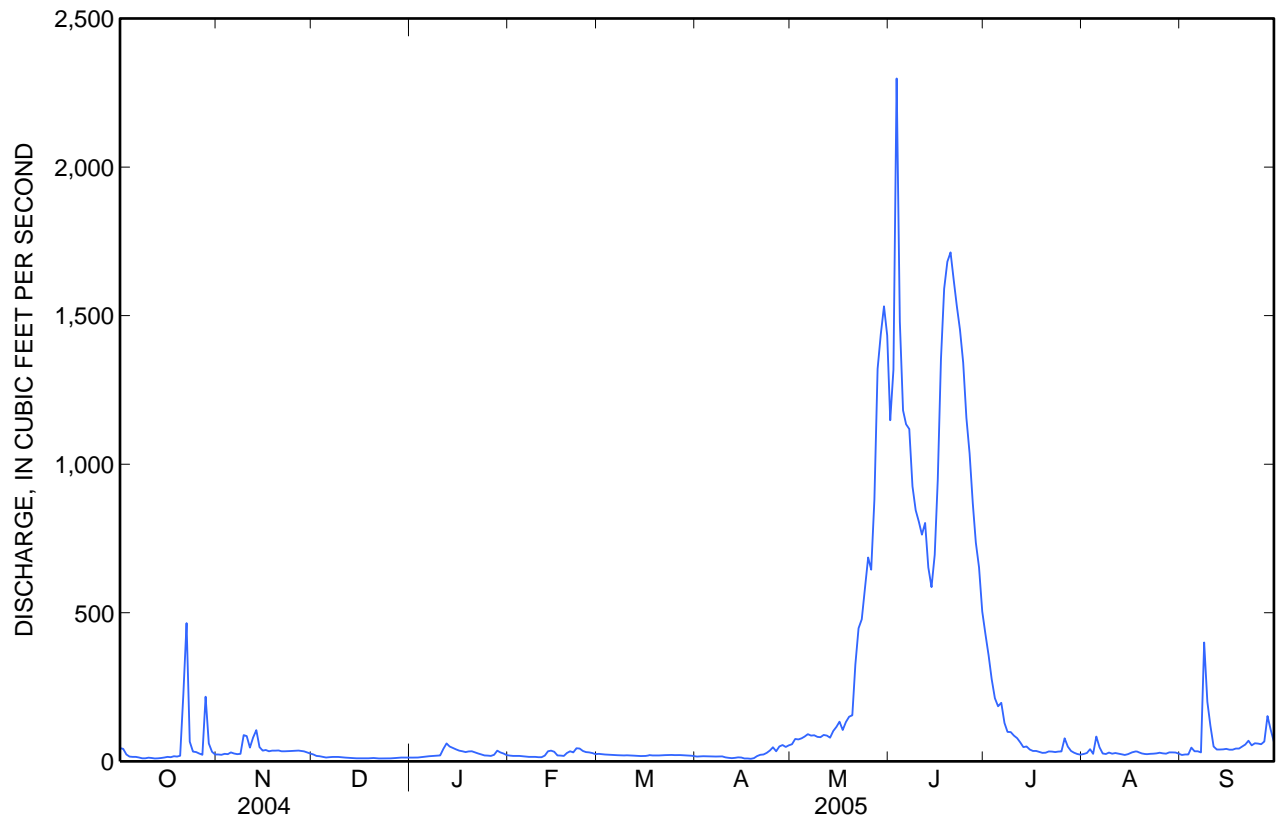
09328060 SAN RAFAEL RIVER AT FULLER BOTTOM NEAR CASTLE DALE, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	44	e23	e23	e13	e19	e25	16	57	1,150	428	25	21
2	42	e22	e18	e12	e18	e24	16	75	1,320	356	28	23
3	e23	e25	e17	e13	e18	e23	17	74	2,300	277	41	23
4	e16	e24	e15	e14	e18	e22	17	77	1,480	213	25	46
5	e15	e30	e13	e16	e17	e22	17	83	1,180	185	83	34
6	e15	e26	e14	e16	e16	e21	17	92	1,130	197	47	34
7	e13	e24	e14	e17	e15	e21	16	87	1,120	129	26	30
8	e10	e25	e15	e18	e15	e20	17	88	925	99	25	e400
9	e10	e88	e15	e20	e15	e20	16	82	845	98	30	e200
10	e12	e85	e14	e20	e14	e20	13	81	806	87	26	120
11	e11	e46	e13	e42	e14	e19	12	89	763	78	28	50
12	e9.4	e80	e11	e60	e19	e19	11	86	802	63	26	40
13	e10	e105	e11	e50	e34	e19	12	80	653	48	23	40
14	e11	e48	e10	e45	e36	e18	14	102	586	50	22	40
15	e13	e36	e10	e40	e32	e17	13	116	695	40	24	42
16	e15	e38	e10	e36	e20	e18	9.6	133	946	35	28	39
17	e14	e34	e10	e34	e19	21	9.4	105	1,350	35	33	39
18	e17	e36	e10	e31	e18	20	8.5	132	1,590	32	32	43
19	e16	e36	e10	e33	e28	19	11	150	1,680	28	28	43
20	18	36	e11	e34	e34	20	17	155	1,710	29	25	50
21	226	34	e10	e30	e30	21	22	326	1,620	33	24	56
22	465	34	e9.5	e26	e44	21	23	448	1,530	33	25	69
23	66	34	e9.5	e23	e43	20	28	478	1,450	31	26	54
24	32	34	e9.5	e20	e35	22	36	583	1,340	33	27	61
25	e31	36	e10	e19	e31	21	47	686	1,160	33	29	60
26	e26	35	e10	e18	e30	21	34	645	1,040	77	26	57
27	e22	36	e11	e22	e28	21	50	881	868	50	26	66
28	217	e33	e12	e36	e24	20	55	1,320	736	35	30	152
29	e60	e30	e12	e30	---	20	48	1,440	652	29	30	106
30	e32	e26	e13	e26	---	19	54	1,530	504	24	29	66
31	e23	---	e13	e21	---	18	---	1,430	---	22	25	---
Total	1,534.4	1,199	383.5	835	684	632	676.5	11,711	33,931	2,907	922	2,104
Mean	49.5	40.0	12.4	26.9	24.4	20.4	22.6	378	1,131	93.8	29.7	70.1
Max	465	105	23	60	44	25	55	1,530	2,300	428	83	400
Min	9.4	22	9.5	12	14	17	8.5	57	504	22	22	21
Ac-ft	3,040	2,380	761	1,660	1,360	1,250	1,340	23,230	67,300	5,770	1,830	4,170

09328060 SAN RAFAEL RIVER AT FULLER BOTTOM NEAR CASTLE DALE, UT—Continued



09328060 SAN RAFAEL RIVER AT FULLER BOTTOM NEAR CASTLE DALE, UT—Continued**CLIMATOLOGICAL RECORDS**

PERIOD OF RECORD.--April 6, 2004 to current year.

INSTRUMENTATION.--An 8.2-inch diameter, unheated, tipping bucket rain gage.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily precipitation, 0.57 in., Sep 8, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum daily precipitation, 0.57 in., Sep 8.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00
2	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
8	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.04	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.11	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.01	0.08	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.06	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.01	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.00	0.00	---
Total	0.61	0.05	0.12	0.00	0.00	0.00	0.18	0.23	0.86	0.15	0.00	0.86
WATER YEAR 2005	TOTAL 3.06											



Water-Data Report UT-2005

09328500 SAN RAFAEL RIVER NEAR GREEN RIVER, UT

Green River Basin

LOCATION.--Lat 38°51'30", long 110°22'10" referenced to North American Datum of 1927, in SE ¼ SE ¼ NW ¼ sec.34, T.22 S., R.14 E., Emery County, Hydrologic Unit 14060009, on left bank 300 ft upstream from bridge on State Highway 24, 14.0 mi southwest of Green River, and 34.3 mi upstream from mouth.

DRAINAGE AREA.--1,628 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1909 to September 1918, September 1919 to July 1920 (gage heights only), October 1945 to current year.

REVISED RECORDS.--WDR UT-77-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4,190 ft above NGVD of 1929, from topographic map. May 5, 1909 to September 10, 1918, staff gage, and September 10, 1919 to July 10, 1920, tape-weight gage. November 29, 1945 to July 7 1976, water-stage recorder at various sites and datums about 1 mi upstream.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Diversions above station for irrigation of about 42,000 acres. Several small transmountain diversions from tributaries for irrigation in Sevier Lake Basin, and some storage since November 3, 1965, in Joes Valley Reservoir (see station 09323900).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,000 ft³/s, Sep 2, 1909, gage height, 12.7 ft, site and datum then in use, from rating curve extended above 3,100 ft³/s; no flow at times in some years.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,300 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jun 05	0915	*2,390	*8.90
Jun 21	1700	1,770	8.02
Sep 09	1830	1,910	8.35

Minimum daily discharge, 4.5 ft³/s, Oct 16.

09328500 SAN RAFAEL RIVER NEAR GREEN RIVER, UT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	157	29	e12	e14	109	39	18	44	1,240	334	19	15
2	28	24	e10	e16	68	37	17	46	928	269	17	13
3	26	23	e8.6	e17	52	37	16	52	1,490	209	171	13
4	32	21	e8.7	e19	49	32	16	56	1,930	174	43	13
5	18	23	e9.6	e20	50	30	16	57	2,010	146	30	14
6	13	21	e12	e19	52	30	16	59	1,100	122	41	24
7	18	24	e14	e18	44	29	16	66	958	121	90	20
8	10	23	e15	24	42	27	16	65	904	101	69	22
9	8.8	22	e14	28	43	25	15	70	738	81	25	663
10	7.6	23	e12	26	36	25	15	67	666	75	134	1,490
11	6.6	61	e12	35	31	25	15	66	629	69	40	224
12	5.9	38	e12	104	35	24	14	71	595	63	45	100
13	5.4	45	e13	224	31	23	13	73	589	56	25	72
14	5.6	57	e12	84	50	23	13	69	500	46	22	60
15	4.8	47	e10	57	75	23	12	75	448	40	20	55
16	4.5	32	e10	43	154	22	13	89	518	39	23	53
17	4.8	28	e11	39	136	21	14	102	698	32	41	50
18	5.9	27	e10	34	80	21	13	90	1,090	28	63	47
19	6.7	26	e9.7	31	65	21	12	94	1,490	26	35	47
20	6.8	25	e9.7	30	65	23	12	114	1,660	24	27	48
21	8.5	24	e12	30	111	21	12	111	1,710	22	20	86
22	120	24	e11	31	101	20	13	182	1,570	21	16	167
23	469	23	e10	33	193	20	20	284	1,460	21	15	127
24	75	22	e10	38	184	20	22	316	1,310	23	15	70
25	41	22	e9.0	44	115	20	26	378	1,110	29	16	64
26	33	22	e9.0	51	61	22	33	448	907	136	15	62
27	31	22	e10	74	48	21	36	436	776	96	15	63
28	30	23	e11	193	44	20	30	603	632	53	15	86
29	91	22	e13	331	---	20	45	1,040	536	36	14	99
30	74	e15	e14	239	---	19	40	1,220	437	26	15	132
31	41	---	e15	181	---	18	---	1,350	---	22	14	---
Total	1,388.9	838	349.3	2,127	2,124	758	569	7,793	30,629	2,540	1,150	3,999
Mean	44.8	27.9	11.3	68.6	75.9	24.5	19.0	251	1,021	81.9	37.1	133
Max	469	61	15	331	193	39	45	1,350	2,010	334	171	1,490
Min	4.5	15	8.6	14	31	18	12	44	437	21	14	13
Ac-ft	2,750	1,660	693	4,220	4,210	1,500	1,130	15,460	60,750	5,040	2,280	7,930

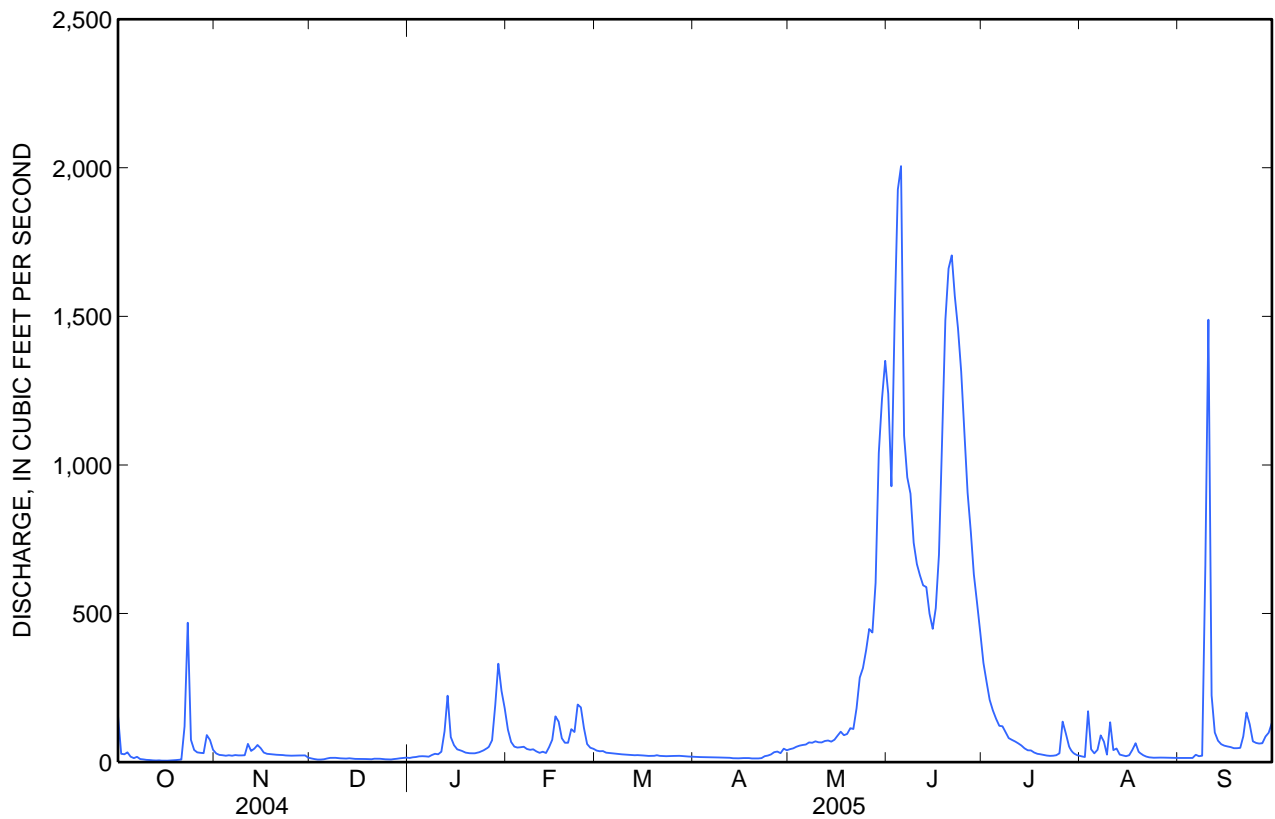
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1910-18, 1946-2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	88.3	65.0	44.8	42.6	69.3	101	97.8	281	531	147	85.0	74.8
Max	848	358	125	224	200	729	748	1,626	2,772	965	344	309
(WY)	(1917)	(1958)	(1910)	(1911)	(1910)	(1910)	(1910)	(1914)	(1983)	(1983)	(1916)	(1961)
Min	0.00	5.68	7.80	10.8	14.5	19.2	5.41	1.58	1.09	0.13	0.38	0.11
(WY)	(2004)	(1978)	(2004)	(2004)	(2003)	(2003)	(2003)	(2003)	(1977)	(2003)	(1960)	(1956)

09328500 SAN RAFAEL RIVER NEAR GREEN RIVER, UT—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 1910-18, 1946-2005	
Annual total	7,906.26		54,265.2			
Annual mean	21.6		149		135	
Highest annual mean					483	1984
Lowest annual mean					11.8	2003
Highest daily mean	469	Oct 23	2,010	Jun 5	7,300	Oct 8, 1916
Lowest daily mean	0.00	Sep 3	4.5	Oct 16	0.00	Aug 24, 1910
Annual seven-day minimum	0.00	Sep 9	5.3	Oct 12	0.00	Aug 15, 1915
Annual runoff (ac-ft)	15,680		107,600		98,110	
10 percent exceeds	63		448		296	
50 percent exceeds	11		31		48	
90 percent exceeds	0.18		12		9.5	



09328500 SAN RAFAEL RIVER NEAR GREEN RIVER, UT—Continued**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--November 1946 to September 1949, October 1950 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July to September 1949, November 1950 to September 1962, October 1964 to September 1979, daily, March 1982 to current year.

WATER TEMPERATURE: July to September 1949, October 1950 to September 1962, October 1964 to September 1977

SUSPENDED-SEDIMENT DISCHARGE: March 1948 to September 1949, October 1950 to September 1959.

REMARKS.--Unpublished daily records of specific conductance obtained before water year 1965 were included in the determination of extremes for period of daily record and are available in files of district office.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily observed (water years 1949, 1951-70, 1974-77, 1982 to current year), 7,230 microsiemens/cm, Jul 15, 1954 and Jun 29, 1977; minimum daily observed (water years 1949, 1951-77, 1982 to current year), 650 microsiemens/cm, Jun 29, 1984.

WATER TEMPERATURE: Maximum (water years 1949, 1951-61, 1966-77), 35.0°C, Jul 11, 1954; minimum, 0.0°C, on many days during winter period each year.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum observed, 4,560 microsiemens/cm, Apr 23; minimum observed, 670 microsiemens/cm, Jun 23.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Residue on evap. at 180degC wat flt mg/L (70300)
Feb								
25...	0900	3.17	115	8.2	3,150	9.0	8.0	2,680
Apr								
13...	0845	2.00	13	8.0	4,200	12.0	11.0	3,770
May								
19...	0830	2.86	88	8.0	1,590	17.0	16.5	1,180
Jul								
06...	0830	3.34	125	8.2	1,440	30.0	22.0	1,050
Aug								
17...	0845	2.41	27	7.9	2,230	24.5	20.0	1,890

09328500 SAN RAFAEL RIVER NEAR GREEN RIVER, UT—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY INSTANTANEOUS VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	2,060	---	---	---	---	4,040	2,020	810	1,030	2,480	---
2	---	---	---	---	---	3,820	4,120	2,440	800	1,060	---	---
3	---	---	3,710	3,170	2,650	---	4,140	2,410	820	1,130	---	---
4	---	2,770	---	---	---	---	4,070	2,500	1,030	1,280	---	2,960
5	2,850	---	---	---	---	---	3,920	2,490	1,380	1,390	---	---
6	---	---	3,720	2,870	3,300	3,480	3,890	2,350	1,140	1,490	---	---
7	---	3,070	---	---	---	---	3,900	2,260	1,040	1,570	3,270	---
8	---	---	---	---	---	---	3,930	2,400	930	1,870	---	2,890
9	2,650	---	3,490	---	---	---	3,930	2,400	960	1,660	---	---
10	---	---	---	2,870	3,160	---	3,870	2,400	980	1,870	---	---
11	2,230	---	---	---	---	---	3,980	2,700	970	2,150	---	2,390
12	---	---	---	---	---	3,830	4,270	2,450	940	2,110	2,950	---
13	---	2,860	3,470	---	3,160	---	3,920	2,260	1,040	2,100	---	---
14	2,810	---	---	1,940	---	---	3,830	2,230	1,110	2,160	2,520	2,650
15	---	---	---	---	---	4,230	3,870	2,180	1,090	2,220	---	---
16	---	2,810	3,400	2,510	---	---	3,970	2,310	1,030	2,270	---	---
17	2,850	---	---	---	1,470	---	4,240	1,920	920	2,260	---	---
18	---	---	---	---	---	4,200	4,030	1,810	810	2,430	2,300	---
19	---	2,980	---	---	---	---	3,790	1,560	750	2,540	---	2,700
20	3,090	---	3,510	3,420	2,510	---	3,760	1,930	680	2,570	---	---
21	---	3,380	---	---	---	3,930	3,700	1,670	680	2,590	2,620	---
22	---	---	---	---	---	---	4,120	1,770	680	2,760	---	2,480
23	---	---	3,470	3,320	---	---	4,560	1,420	670	2,840	---	---
24	2,470	---	---	---	1,200	---	4,180	1,030	710	2,760	2,780	---
25	---	3,380	---	---	---	3,930	4,230	960	710	2,630	---	2,220
26	---	---	3,710	3,200	---	---	3,110	970	750	2,230	---	---
27	---	---	---	---	2,930	---	2,790	880	790	2,990	---	---
28	2,660	---	---	---	---	3,960	3,440	940	---	3,060	2,890	---
29	---	3,360	---	---	---	---	2,630	980	850	2,670	---	2,360
30	---	---	3,450	1,640	---	---	---	860	960	2,360	---	---
31	---	---	---	---	---	4,010	---	820	---	2,360	2,820	---
Mean	2,700	2,960	3,550	2,770	2,550	3,930	3,870	1,850	898	2,140	2,740	2,580
Max	3,090	3,380	3,720	3,420	3,300	4,230	4,560	2,700	1,380	3,060	3,270	2,960
Min	2,230	2,060	3,400	1,640	1,200	3,480	2,630	820	670	1,030	2,300	2,220