GREEN RIVER BASIN

09188500 GREEN RIVER AT WARREN BRIDGE, NEAR DANIEL, WY

LOCATION.--Lat 43° 01'08", long 110° 07'03", in SE$^{1}/_{4}$ SE$^{1}/_{4}$ NE$^{1}/_{4}$ sec.8, T.35 N., R.111 W., Sublette County, Hydrologic Unit 14040101, on right bank 100 ft upstream from bridge on U.S. Highways 189 and 191, 3.4 mi upstream from Beaver Creek, and 12 mi north of Daniel.

DRAINAGE AREA.--468 mi^2.

PERIOD OF RECORD.--October 1931 to September 1992, October 1993 to current year. Monthly discharge only for some periods, published in WSP 1313.

REVISED RECORDS.--WSP 979: 1932(M).

GAGE.--Water-stage recorder. Datum of gage is 7,468.09 ft above NGVD of 1929. Prior to October 6, 1977, on left bank at same datum. National Weather Service data collection platform with satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Diversions upstream from station for irrigation of about 10,200 acres, of which about 6,100 acres are downstream from station.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	209	102	e125	e96	e115	e100	e180	381	2,920	1,130	568	407
2	220	141	e125	e94	e110	e100	e191	374	2,960	1,280	544	408
3	218	154	e130	e98	e90	e105	e190	387	2,670	1,330	525	387
4	212	150	e125	e98	e92	e100	e185	406	2,230	1,310	523	370
5	203	168	e120	e98	e92	e100	e180	401	1,800	1,230	518	347
6	199	162	e110	e92	e92	e100	e195	404	1,560	1,100	500	338
7	196	172	e110	e93	e94	e105	e240	374	1,450	1,040	484	347
8	189	156	e100	e94	e92	e105	e290	375	1,330	1,000	463	370
9	186	136	e105	e90	e86	e110	322	391	1,270	992	458	435
10	181	157	e105	e88	e90	e115	378	378	1,330	953	448	488
11	176	152	e105	e90	e92	e120	468	360	1,450	901	436	503
12	177	172	e105	e90	e94	e130	573	363	1,550	872	421	488
13	172	153	e110	e96	e94	e140	568	395	1,490	869	403	471
14	164	166	e120	e100	e94	e160	578	454	1,380	872	391	450
15	163	164	e120	e100	e96	e150	556	531	1,320	867	397	416
16	158	171	e110	e94	e94	e150	525	633	1,380	845	399	386
17	158	151	e115	e90	e96	e140	487	729	1,420	806	424	362
18	153	163	e110	e92	e98	e135	446	719	1,440	784	430	340
19	145	164	e94	e94	e92	e130	403	659	1,460	768	411	320
20	141	162	e92	e98	e88	e130	413	611	1,540	787	383	304
21	139	167	e92	e100	e88	e135	439	602	1,590	790	360	291
22	138	177	e96	e100	e92	e145	478	638	1,530	763	349	276
23	140	160	e100	e100	e94	e150	503	771	1,320	738	352	266
24	140	125	e98	e96	e84	e140	500	994	1,080	707	357	255
25	140	e110	e105	e96	e78	e135	524	1,260	925	689	372	242
26	136	e105	e98	e100	e86	e145	509	1,500	790	693	370	228
27	131	e115	e100	e105	e90	e135	430	1,760	698	698	345	222
28	131	e125	e98	e100	e96	e120	395	2,040	664	706	328	219
29	136	e130	e96	e90	---	e125	384	2,300	734	679	317	212
30	130	e130	e90	e100	---	e140	383	2,520	933	635	330	206
31	85	---	e94	e105	---	e160	---	2,770	---	599	384	---
TOTAL	5,066	4,460	3,303	2,977	2,599	3,955	11,913	26,480	44,214	27,433	12,990	10,354
MEAN	163	149	107	96.0	92.8	128	397	854	1,474	885	419	345
MAX	220	177	130	105	115	160	578	2,770	2,960	1,330	568	503
MIN	85	102	90	88	78	100	180	360	664	599	317	206
AC-FT	10,050	8,850	6,550	5,900	5,160	7,840	23,630	52,520	87,700	54,410	25,770	20,540

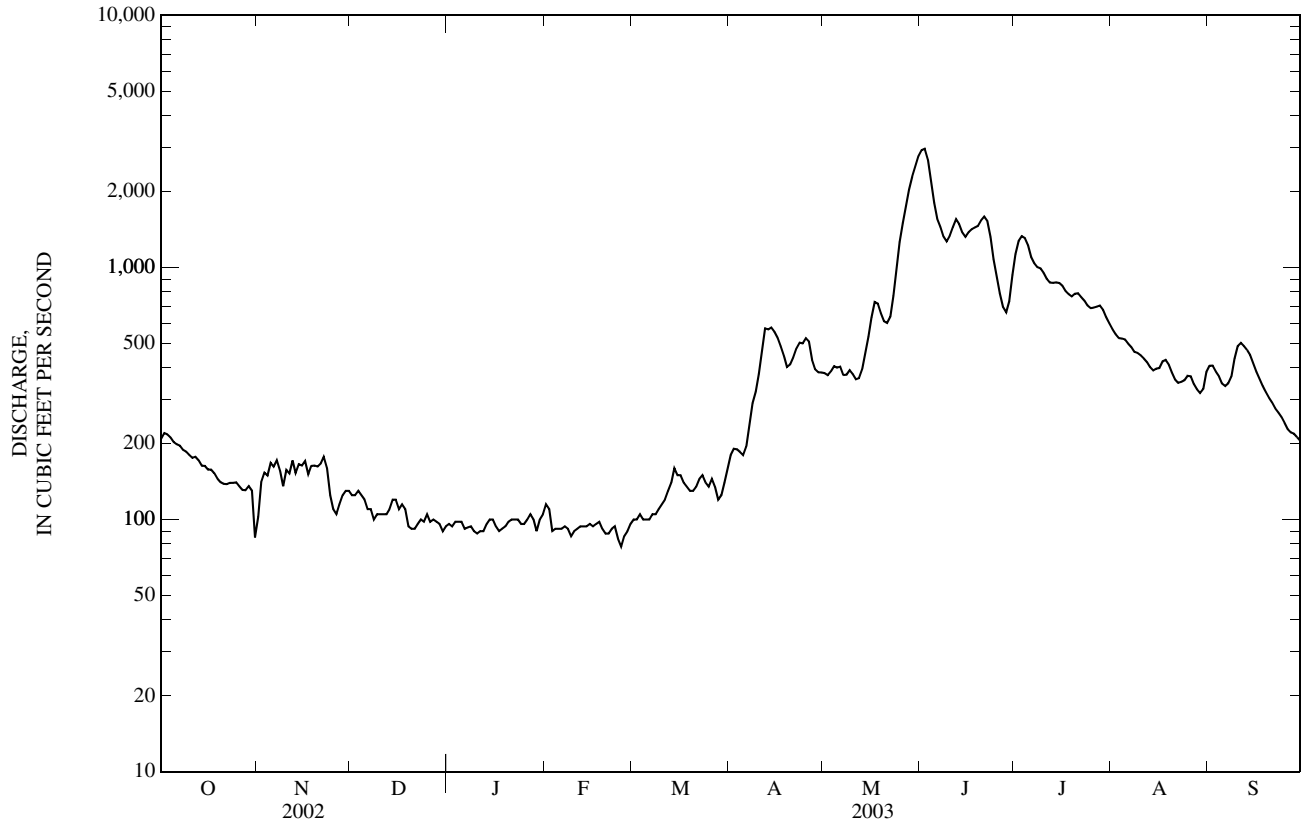
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1932 - 2003, BY WATER YEAR (WY)

MEAN	199	144	124	109	110	124	289	1,019	1,782	1,244	533	302
MAX	433	223	215	176	166	240	600	1,811	3,813	2,424	997	592
(WY)	(1984)	(1983)	(1997)	(1967)	(1967)	(1932)	(1943)	(1956)	(1986)	(1975)	(1982)	(1963)
MIN	102	67.7	70.0	50.0	60.0	70.0	129	269	610	399	213	150
(WY)	(1989)	(1994)	(1933)	(1933)	(1933)	(1933)	(1970)	(1977)	(1934)	(1988)	(1988)	(1988)

09188500 GREEN RIVER AT WARREN BRIDGE, NEAR DANIEL, WY—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1932 - 2003	
ANNUAL TOTAL	123,318		155,744		--	
ANNUAL MEAN	338		427		500	
HIGHEST ANNUAL MEAN	--		--		768	1986
LOWEST ANNUAL MEAN	--		--		280	2001
HIGHEST DAILY MEAN	2,070	Jun 2,3	2,960	Jun 2	5,620	Jun 11, 1997
LOWEST DAILY MEAN	54 e	Jan 23,29,30	78 e	Feb 25	36	Nov 26, 1933
ANNUAL SEVEN-DAY MINIMUM	57	Jan 28	87	Feb 20	43	Nov 24, 1933
MAXIMUM PEAK FLOW	--		3,140	Jun 2	5,930	Jun 11, 1997
MAXIMUM PEAK STAGE	--		4.67	Jun 2	6.04	Jun 11, 1997
ANNUAL RUNOFF (AC-FT)	244,600		308,900		362,000	
10 PERCENT EXCEEDS	871		1,090		1,410	
50 PERCENT EXCEEDS	187		199		200	
90 PERCENT EXCEEDS	62		94		100	

e Estimated.



09196500 PINE CREEK ABOVE FREMONT LAKE, WY

LOCATION.--Lat 43° 01'50", long 109° 46'10", in SW$^{1}/_{4}$ S$^{1}/_{2}$ sec.5, T.35 N., R.108 W., Sublette County, Hydrologic Unit 14040102, Bridger National Forest, on right bank 0.5 mi upstream from Fremont Lake, 0.5 mi downstream from Fremont Creek, and 12 mi northeast of Pinedale.

DRAINAGE AREA.--75.8 mi^2.

PERIOD OF RECORD.--October 1954 to September 1997, October 2000 to current year.

REVISED RECORDS.--WSP 1443: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 7,450 ft above NGVD of 1929, from topographic map. U.S. Geological Survey data collection platform with satellite telemetry at station.

REMARKS.--Records good except for those estimated daily dicharges, which are poor. No diversion upstream from station.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52	30	25	25	26	30	38	91	1,570	572	147	56
2	56	29	25	25	28	30	37	90	1,350	584	136	55
3	55	28	25	24	27	30	35	91	1,090	548	131	55
4	54	27	25	23	24	30	35	89	879	510	124	56
5	54	27	25	23	e26	30	35	88	801	476	114	57
6	55	26	25	23	24	31	34	84	808	450	108	56
7	58	25	26	e23	e25	31	34	81	e740	432	104	59
8	61	24	25	23	25	31	34	87	e680	415	101	60
9	63	25	25	22	25	31	34	84	e700	391	99	62
10	63	25	25	e21	25	32	35	79	e780	358	97	67
11	63	26	25	23	25	32	37	79	e900	330	94	72
12	61	26	26	21	25	32	48	78	e920	312	91	74
13	60	26	25	21	26	34	58	82	e880	306	88	75
14	58	26	25	21	26	34	64	91	e840	302	86	75
15	56	26	24	21	26	34	68	113	e860	293	83	75
16	54	27	25	e21	26	34	68	154	e800	276	78	73
17	50	26	24	21	26	36	69	192	717	258	75	70
18	47	26	24	21	27	35	68	191	721	246	73	68
19	45	26	25	22	29	35	69	194	770	241	72	65
20	42	25	25	22	27	36	71	192	784	248	70	62
21	41	25	24	20	27	36	79	208	721	246	68	58
22	41	26	24	20	27	36	86	259	583	234	66	56
23	41	26	25	20	28	35	90	370	459	221	64	53
24	40	25	26	20	e28	35	98	500	367	206	59	52
25	38	27	e25	19	28	35	109	622	312	195	56	50
26	36	26	e24	19	28	35	116	881	295	193	53	47
27	35	26	e25	19	28	35	106	1,110	283	192	52	45
28	33	26	e27	21	29	35	101	1,370	305	193	50	42
29	32	26	28	24	---	34	96	1,560	373	188	49	39
30	31	25	26	24	---	34	92	1,570	489	174	56	38
31	31	---	25	25	---	37	---	1,570	---	161	58	---
TOTAL	1,506	784	778	677	741	1,035	1,944	12,250	21,777	9,751	2,602	1,772
MEAN	48.6	26.1	25.1	21.8	26.5	33.4	64.8	395	726	315	83.9	59.1
MAX	63	30	28	25	29	37	116	1,570	1,570	584	147	75
MIN	31	24	24	19	24	30	34	78	283	161	49	38
AC-FT	2,990	1,560	1,540	1,340	1,470	2,050	3,860	24,300	43,190	19,340	5,160	3,510

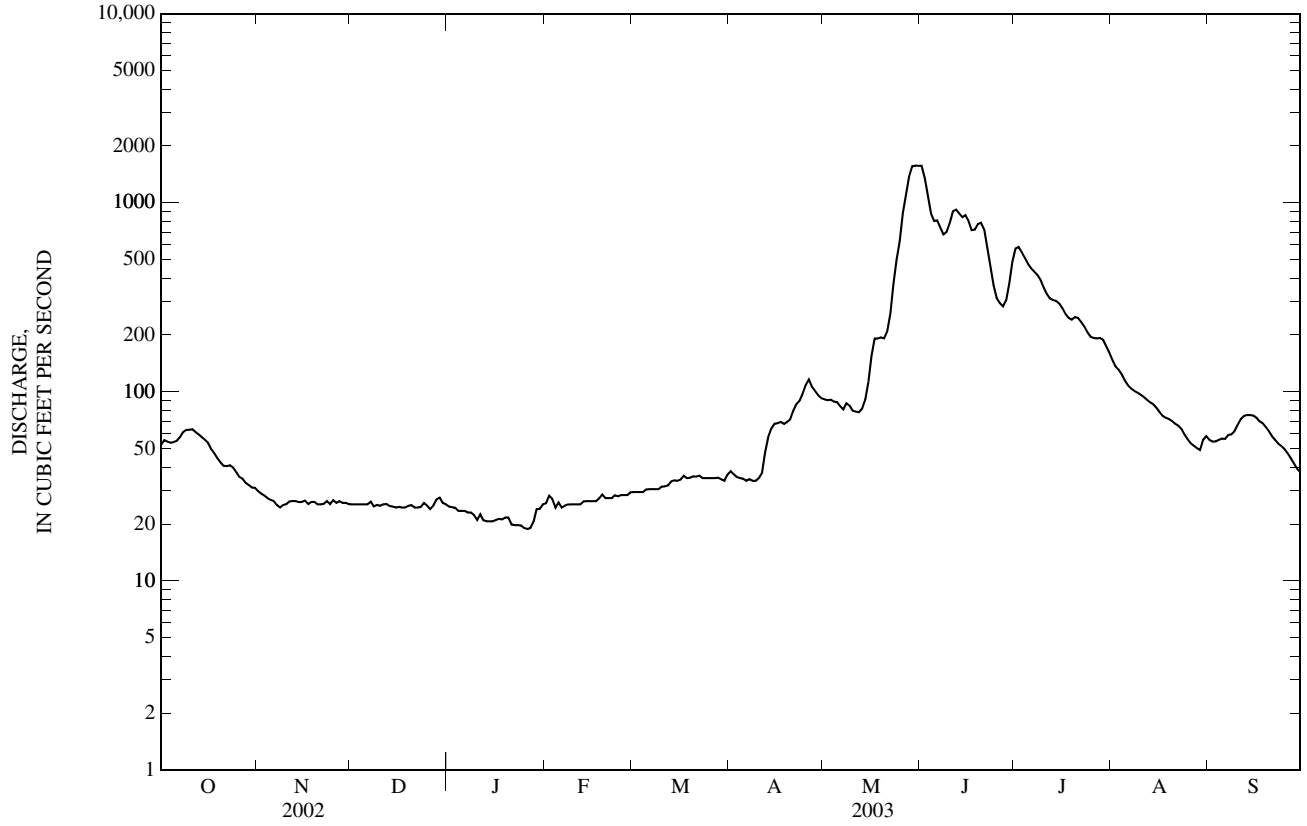
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1955 - 2003, BY WATER YEAR (WY)

MEAN	53.9	32.4	24.0	19.3	16.8	16.9	38.2	296	839	508	157	87.6
MAX	165	71.8	53.0	37.6	36.7	35.0	98.4	586	1,476	1,142	350	209
(WY)	(1984)	(1984)	(1978)	(1969)	(1969)	(1986)	(1962)	(2001)	(1986)	(1965)	(1968)	(1963)
MIN	9.60	10.9	6.73	4.39	4.66	4.03	12.0	90.3	384	117	44.0	23.0
(WY)	(1989)	(1989)	(1977)	(1977)	(1977)	(1977)	(1970)	(1975)	(1992)	(1988)	(1988)	(1988)

09196500 PINE CREEK ABOVE FREMONT LAKE, WY—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1955 - 2003	
ANNUAL TOTAL	50,004.6		55,617		--	
ANNUAL MEAN	137		152		174	
HIGHEST ANNUAL MEAN	--		--		253	1986
LOWEST ANNUAL MEAN	--		--		96.7	1977
HIGHEST DAILY MEAN	1,310	Jun 7,8	1,570	May 30,31	2,290	Jun 10, 1997
LOWEST DAILY MEAN	8.0[e]	Mar 4	19	Jan 25-27	3.3	Apr 4, 1977
ANNUAL SEVEN-DAY MINIMUM	8.5	Feb 26	20	Jan 21	3.4	Mar 31, 1977
MAXIMUM PEAK FLOW	--		1,760	Jun 1	2,550 [a]	Jun 16, 1959
MAXIMUM PEAK STAGE	--		6.08	Jun 1	7.65	Jun 6, 1986
ANNUAL RUNOFF (AC-FT)	99,180		110,300		126,300	
10 PERCENT EXCEEDS	457		466		565	
50 PERCENT EXCEEDS	34		49		41	
90 PERCENT EXCEEDS	11		24		13	

a Gage height, 7.15 ft.
e Estimated.



09197000 PINE CREEK BELOW FREMONT LAKE, WY

LOCATION.--Lat 42° 53'42", long 109° 50'35", in NE$^{1}/_{4}$ NE$^{1}/_{4}$ NE$^{1}/_{4}$ sec.27, T.34 N., R.109 W., Sublette County, Hydrologic Unit 14040102, on left bank at Lot Number 93, 0.9 mi downstream from Fremont Lake, and 2.1 mi northeast of Pinedale.

DRAINAGE AREA.--114 mi^{2}.

PERIOD OF RECORD.--October 1910 to September 1912, October 1915 to September 1918, April 1985 to September 1986, April 1988 to current year, (no winter records since 1918). Published as "near Pinedale" prior to October 1912 and as "at Fremont Lake Outlet" October 1915 to September 1918. Records since April 1985 equivalent to earlier records if diversions to Highland Ditch (station 09196960) are added to flow past station.

GAGE.--Water-stage recorder. Elevation of gage is 7,390 ft above NGVD of 1929, from topographic map. Prior to September 30, 1918, nonrecording gage at site 0.2 mi upstream at different datum.

REMARKS.--Records good. Some regulation by Fremont Lake. Fremont Ditch and Highland Ditch divert water upstream from station for irrigation downstream from station. Results of discharge measurements, in cubic feet per second, made when station was not in operation, are given below:

Oct. 1 . . . 25.4

Feb. 26 . . . 23.4

Mar. 21 . . . 22.9

COOPERATION.--Station operated and record provided by Wyoming State Engineer's Office; record reviewed by U.S. Geological Survey.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	24	44	293	296	83	43
2	---	---	---	---	---	---	24	44	401	305	80	42
3	---	---	---	---	---	---	24	44	487	310	75	42
4	---	---	---	---	---	---	24	44	531	310	69	42
5	---	---	---	---	---	---	24	45	540	306	69	42
6	---	---	---	---	---	---	24	44	556	300	68	42
7	---	---	---	---	---	---	24	56	547	291	68	42
8	---	---	---	---	---	---	24	81	520	281	69	42
9	---	---	---	---	---	---	24	81	510	268	69	42
10	---	---	---	---	---	---	24	81	507	258	70	42
11	---	---	---	---	---	---	24	81	513	248	70	36
12	---	---	---	---	---	---	24	80	535	238	65	32
13	---	---	---	---	---	---	24	80	552	230	60	31
14	---	---	---	---	---	---	24	80	549	213	60	31
15	---	---	---	---	---	---	24	80	547	192	59	31
16	---	---	---	---	---	---	24	80	548	173	58	31
17	---	---	---	---	---	---	24	80	546	161	58	30
18	---	---	---	---	---	---	24	80	543	148	57	30
19	---	---	---	---	---	---	24	80	540	123	56	30
20	---	---	---	---	---	---	24	79	546	109	55	29
21	---	---	---	---	---	---	25	87	560	108	55	27
22	---	---	---	---	---	---	33	92	550	115	54	25
23	---	---	---	---	---	---	39	93	511	120	54	25
24	---	---	---	---	---	---	39	95	468	121	54	25
25	---	---	---	---	---	---	39	99	423	121	53	25
26	---	---	---	---	---	24	42	105	382	111	47	25
27	---	---	---	---	---	24	43	173	345	104	43	25
28	---	---	---	---	---	24	43	188	319	100	43	25
29	---	---	---	---	---	24	43	200	301	89	43	25
30	---	---	---	---	---	24	44	210	293	89	43	25
31	---	---	---	---	---	24	---	224	---	89	43	---
TOTAL	---	---	---	---	---	---	870	2,930	14,463	5,927	1,850	984
MEAN	---	---	---	---	---	---	29.0	94.5	482	191	59.7	32.8
MAX	---	---	---	---	---	---	44	224	560	310	83	43
MIN	---	---	---	---	---	---	24	44	293	89	43	25
AC-FT	---	---	---	---	---	---	1,730	5,810	28,690	11,760	3,670	1,950

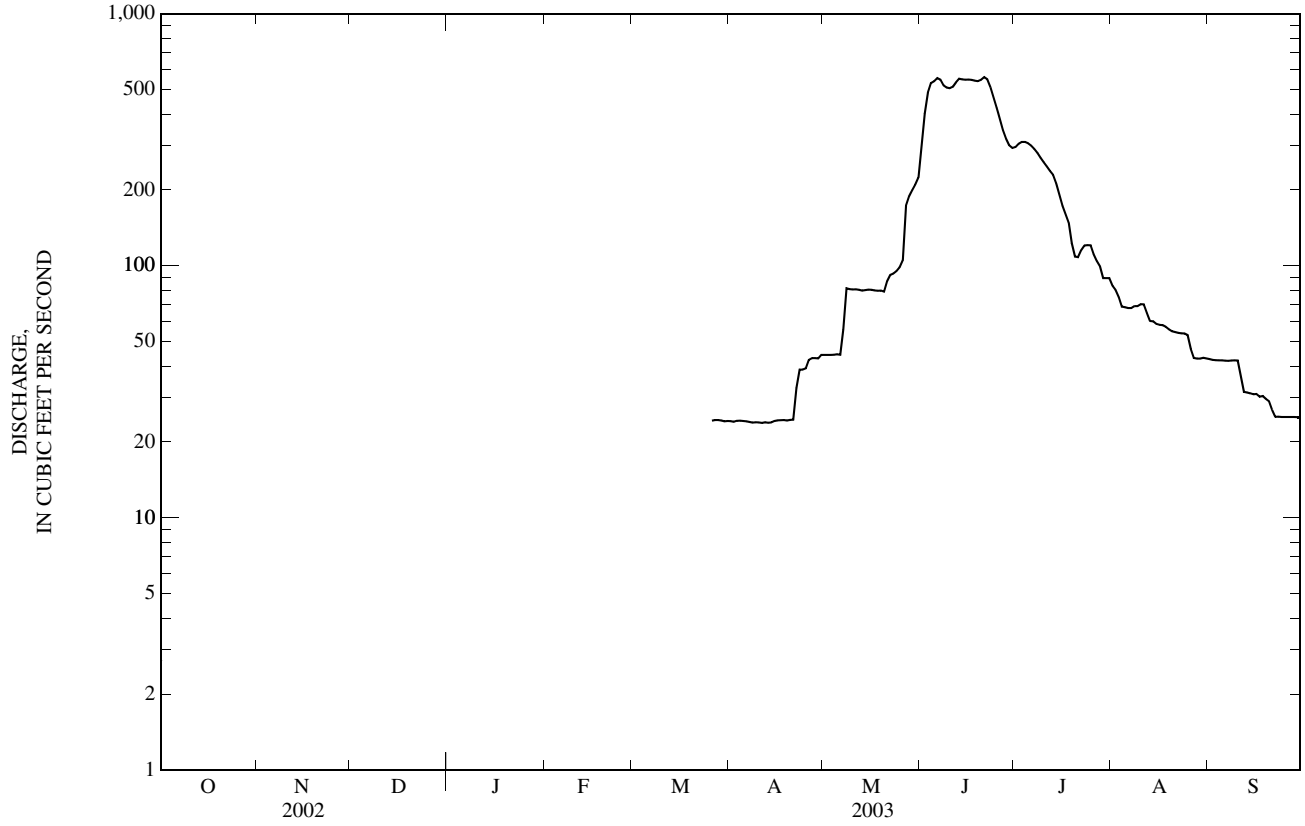
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1911 - 2003, BY WATER YEAR (WY)*

MEAN	63.2	36.8	27.5	23.3	24.3	26.2	31.1	149	603	456	143	63.2
MAX	86.2	40.0	34.2	26.3	33.0	36.0	93.0	299	1,273	1,258	300	131
(WY)	(1916)	(1911)	(1918)	(1918)	(1916)	(1916)	(1986)	(1997)	(1918)	(1917)	(1917)	(1917)
MIN	49.9	30.0	20.0	20.0	18.0	20.0	14.9	36.5	215	95.0	43.9	22.8
(WY)	(1917)	(1917)	(1917)	(1916)	(1917)	(1917)	(1988)	(2002)	(1992)	(1992)	(1988)	(1988)

09197000 PINE CREEK BELOW FREMONT LAKE, WY—Continued

SUMMARY STATISTICS	FOR 2003 WATER YEAR*		WATER YEARS 1911 - 2003*	
ANNUAL MEAN	--		197.3	
HIGHEST ANNUAL MEAN	--		211	1917
LOWEST ANNUAL MEAN	--		183	1912
HIGHEST DAILY MEAN	560	Jun 21	2,330	Jun 17, 1918
LOWEST DAILY MEAN	24	Mar 26-Apr 20	9.6	Apr 23, 1990
MAXIMUM PEAK FLOW	574	Jun 6	2,330 [a]	Jun 17, 1918
MAXIMUM PEAK STAGE	2.96	Jun 6	3.06	Jun 25, 2002
ANNUAL RUNOFF (AC-FT)	--		143,000	

* For period of operation.
a At different site and datum.



09205000 NEW FORK RIVER NEAR BIG PINEY, WY

LOCATION.--Lat 42° 34'02", long 109° 55'46", in SE$^{1}/_{4}$ NE$^{1}/_{4}$ NE$^{1}/_{4}$ sec.22, T.30 N., R.110 W., Sublette County, Hydrologic Unit 14040102, on right bank 350 ft downstream from old highway bridge, 3.4 mi upstream from mouth, and 9.5 mi northeast of Big Piney.

DRAINAGE AREA.--1,230 mi^2.

PERIOD OF RECORD.--September 1954 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,800 ft above NGVD of 1929, from topographic map. National Weather Service data collection platform with satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Natural flow of stream affected by storage reservoirs, power development, and diversions for irrigation of about 62,100 acres upstream from station.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	275	342	e150	e175	e165	e270	367	429	3,360	937	440	374
2	320	380	e150	e185	e155	e290	389	431	3,560	929	428	351
3	338	389	e155	e180	e150	e300	378	427	3,380	936	421	349
4	325	337	e155	e175	e145	e290	330	415	2,950	932	440	333
5	319	355	e150	e170	e140	e290	310	371	2,500	930	415	322
6	305	391	e150	e180	e140	e300	295	360	2,150	932	395	334
7	297	355	e145	e168	e135	e320	293	369	1,910	922	386	354
8	294	306	e140	e160	e150	e340	283	394	1,690	941	386	345
9	290	241	e140	e155	e160	e380	293	430	1,570	906	386	353
10	276	237	e145	e155	e175	e400	308	424	1,550	890	378	360
11	275	230	e145	e150	e180	e420	319	413	1,450	876	372	366
12	269	224	e150	e150	e185	e460	315	393	1,420	854	364	345
13	268	240	e155	e155	e190	e500	291	343	1,470	832	355	324
14	275	232	e160	e170	e195	e620	280	317	1,500	802	347	312
15	274	210	e170	e175	e200	e780	285	300	1,470	755	350	299
16	274	e220	e170	e165	e210	e700	287	295	1,470	718	336	295
17	275	e220	e165	e160	e220	e660	283	324	1,480	696	324	292
18	277	e210	e160	e160	e230	e640	286	413	1,510	675	322	294
19	291	e220	e160	e165	e230	e560	292	469	1,500	646	326	295
20	301	e230	e155	e175	e240	e500	301	521	1,490	629	322	294
21	301	e170	e150	e175	e247	e540	303	590	1,560	606	319	280
22	306	e185	e145	e175	e250	e470	297	654	1,700	575	322	276
23	328	e160	e140	e175	e220	426	325	848	1,710	543	322	258
24	340	e145	e140	e170	e210	399	347	1,220	1,740	520	316	255
25	340	e140	e145	e165	e220	354	351	1,610	1,710	532	306	253
26	335	e145	e150	e175	e230	340	368	1,830	1,450	570	300	241
27	347	e150	e155	e180	e240	328	392	2,060	1,240	585	295	241
28	341	e155	e160	e160	e260	341	411	2,380	1,090	555	295	238
29	355	e160	e170	e170	---	325	423	2,600	988	515	295	237
30	362	e160	e180	e180	---	300	426	2,890	963	483	327	236
31	341	---	e165	e175	---	306	---	3,260	---	460	414	---
TOTAL	9,514	7,139	4,770	5,228	5,472	13,149	9,828	27,780	53,531	22,682	11,004	9,106
MEAN	307	238	154	169	195	424	328	896	1,784	732	355	304
MAX	362	391	180	185	260	780	426	3,260	3,560	941	440	374
MIN	268	140	140	150	135	270	280	295	963	460	295	236
AC-FT	18,870	14,160	9,460	10,370	10,850	26,080	19,490	55,100	106,200	44,990	21,830	18,060

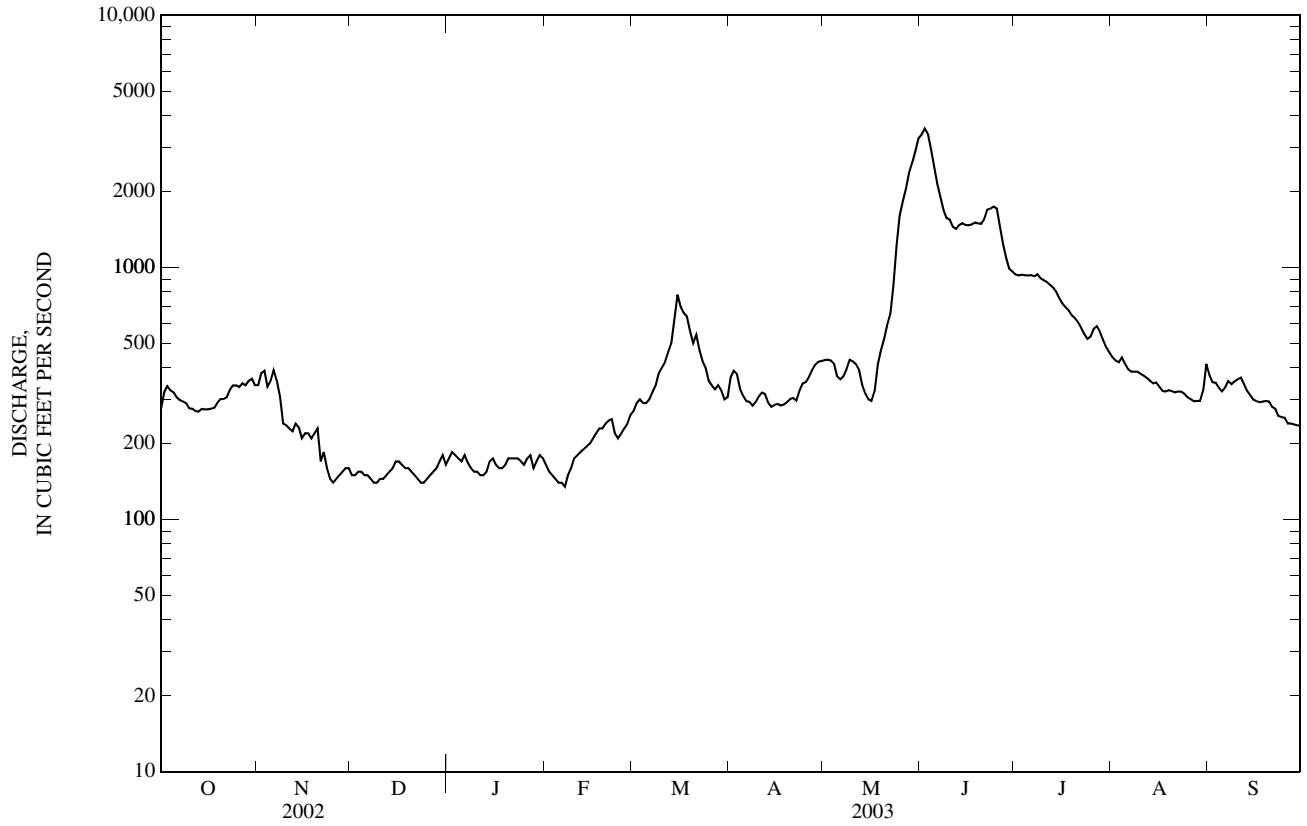
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 2003, BY WATER YEAR (WY)

MEAN	373	319	238	199	209	270	428	1,130	2,952	1,600	576	371
MAX	989	608	397	277	337	597	1,114	2,539	7,065	4,155	1,279	766
(WY)	(1983)	(1984)	(1983)	(1969)	(1969)	(1972)	(1969)	(1969)	(1986)	(1982)	(1982)	(1983)
MIN	171	188	139	108	122	161	181	254	699	405	225	164
(WY)	(1989)	(1989)	(1989)	(2002)	(2002)	(1977)	(1981)	(1977)	(1992)	(1961)	(1988)	(1988)

09205000 NEW FORK RIVER NEAR BIG PINEY, WY—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1954 - 2003	
ANNUAL TOTAL	133,249		179,203		--	
ANNUAL MEAN	365		491		723	
HIGHEST ANNUAL MEAN	--		--		1,288	1986
LOWEST ANNUAL MEAN	--		--		313	1977
HIGHEST DAILY MEAN	2,330	Jun 2	3,560	Jun 2	9,110	Jun 7, 1986
LOWEST DAILY MEAN	98 e	Jan 3,31	135 e	Feb 7	90	Jan 13, 1963
ANNUAL SEVEN-DAY MINIMUM	102	Jan 2	145	Dec 5	102	Jan 2, 2002
MAXIMUM PEAK FLOW	--		3,630	Jun 2	9,190	Jun 7, 1986
MAXIMUM PEAK STAGE	--		5.08	Jun 2	8.28	Jun 7, 1986
ANNUAL RUNOFF (AC-FT)	264,300		355,400		523,700	
10 PERCENT EXCEEDS	867		1,030		1,800	
50 PERCENT EXCEEDS	248		319		329	
90 PERCENT EXCEEDS	115		155		186	

e Estimated.



09209400 GREEN RIVER NEAR LA BARGE, WY

LOCATION.--Lat 42° 11'34", long 110° 09'45", in SE$^{1}/_{4}$ SE$^{1}/_{4}$ NW$^{1}/_{4}$ sec.33, T.26 N., R.112 W., Lincoln County, Hydrologic Unit 14040101, on right bank 1.7 mi upstream from high-water line of Fontenelle Reservoir at elevation 6,513 ft, 4.0 mi upstream from Muddy Creek, and 5.0 mi south of La Barge.

DRAINAGE AREA.--3,910 mi^2.

PERIOD OF RECORD.--October 1963 to current year. Records are equivalent to those published August 1946 to March 1965 as Green River near Fontenelle (station 09209500) average annual mean 1,557 cfs.

GAGE.--Water-stage recorder. Elevation of gage is 6,520 ft above NGVD of 1929, from topographic map. National Weather Service data collection platform with satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Natural flow of stream affected by storage reservoirs and diversions for irrigation of about 198,000 acres upstream from station.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	490	586	e440	e400	e460	e600	963	718	5,820	1,520	946	677
2	566	552	e430	e410	e450	e620	1,030	702	6,260	1,510	894	655
3	627	e570	e430	e430	e390	e640	1,060	677	6,340	1,570	870	648
4	626	574	e440	e430	e370	e680	943	642	5,750	1,620	884	639
5	603	601	e430	e420	e360	e640	851	624	4,820	1,640	894	615
6	582	684	e420	e430	e360	e640	784	531	3,980	1,640	835	627
7	559	735	e410	e441	e380	e680	721	520	3,460	1,590	787	604
8	549	728	e400	e430	e390	e720	687	512	3,130	1,520	739	604
9	531	782	e390	e420	e410	e760	676	518	2,870	1,470	712	617
10	515	725	e400	e410	e420	e820	704	533	2,740	1,420	699	713
11	506	693	e400	e410	e420	e880	812	532	2,680	1,390	684	786
12	492	658	e400	e400	e430	e960	955	519	2,590	1,310	673	809
13	490	695	e400	e400	e450	e1,050	1,070	482	2,630	1,230	653	772
14	499	707	e410	e420	e470	e1,150	1,140	421	2,690	1,160	642	730
15	500	716	e430	e440	e490	e1,400	1,190	352	2,710	1,110	628	701
16	499	644	e440	e440	e500	e1,750	1,220	349	2,660	1,070	629	669
17	501	678	e440	e410	e500	e1,650	1,090	365	2,660	1,050	600	646
18	511	673	e430	e410	e520	e1,650	975	419	2,750	1,060	585	628
19	508	652	e400	e420	e540	1,610	916	512	2,780	1,050	607	624
20	513	709	e380	e430	e545	1,460	865	524	2,750	1,040	594	643
21	517	769	e370	e440	e560	1,290	841	552	2,850	1,080	574	626
22	522	737	e360	e450	e560	1,360	850	583	3,190	1,090	545	603
23	565	700	e350	e450	e580	1,420	856	591	3,400	1,110	543	583
24	615	734	e340	e450	e500	1,260	915	947	3,360	1,040	508	569
25	625	620	e350	e450	e490	1,100	905	1,650	3,550	1,040	506	546
26	611	488	e360	e440	e500	1,090	905	2,290	3,310	1,200	498	533
27	619	395	e370	e430	e520	976	866	2,680	2,760	1,250	494	518
28	622	e410	e410	e450	e560	858	822	3,150	2,260	1,190	490	517
29	649	e420	e430	e460	---	857	757	3,760	1,910	1,160	486	513
30	665	e440	e420	e430	---	849	743	4,470	1,650	1,080	497	508
31	663	---	e410	e430	---	883	---	5,220	---	1,010	596	---
TOTAL	17,340	19,075	12,490	13,281	13,125	32,303	27,112	36,345	100,310	39,220	20,292	18,923
MEAN	559	636	403	428	469	1,042	904	1,172	3,344	1,265	655	631
MAX	665	782	440	460	580	1,750	1,220	5,220	6,340	1,640	946	809
MIN	490	395	340	400	360	600	676	349	1,650	1,010	486	508
AC-FT	34,390	37,840	24,770	26,340	26,030	64,070	53,780	72,090	199,000	77,790	40,250	37,530

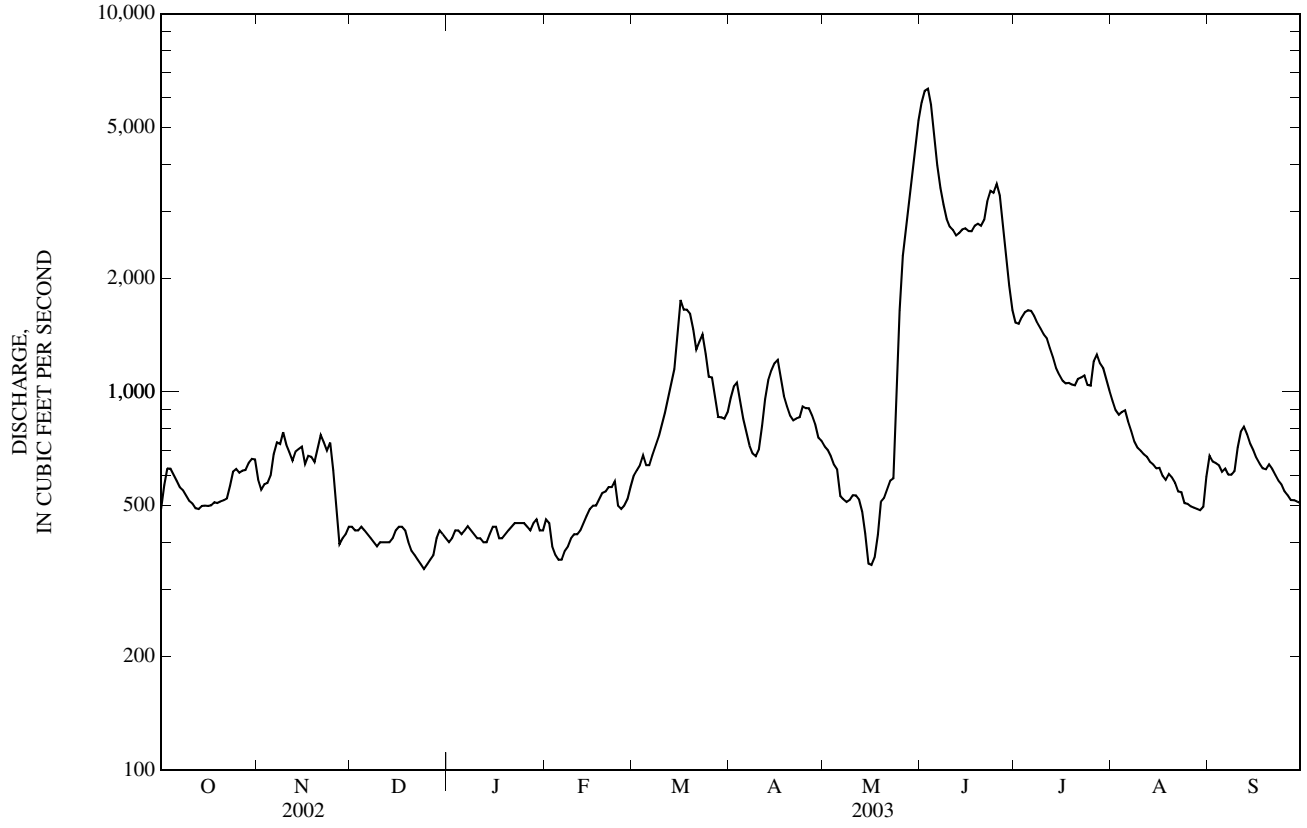
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2003, BY WATER YEAR (WY)

MEAN	815	727	524	456	489	715	1,372	2,792	5,623	3,357	1,424	871
MAX	2,049	1,306	866	608	681	1,565	2,692	5,357	14,230	7,993	3,185	1,768
(WY)	(1983)	(1984)	(1984)	(1966)	(1998)	(1972)	(1986)	(1997)	(1986)	(1982)	(1982)	(1983)
MIN	353	469	269	202	213	403	469	305	1,080	710	448	350
(WY)	(2002)	(1989)	(2002)	(2002)	(2002)	(2002)	(1977)	(1977)	(1992)	(1994)	(2001)	(2001)

09209400 GREEN RIVER NEAR LA BARGE, WY—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1964 - 2003	
ANNUAL TOTAL	289,368		349,816		--	
ANNUAL MEAN	793		958		1,599	
HIGHEST ANNUAL MEAN	--		--		2,908	1986
LOWEST ANNUAL MEAN	--		--		668	1977
HIGHEST DAILY MEAN	4,130	Jun 3	6,340	Jun 3	18,800	Jun 9, 1986
LOWEST DAILY MEAN	180 e	Jan 31	340 e	Dec 24	180	Jan 31, 2002
ANNUAL SEVEN-DAY MINIMUM	188	Jan 31	357	Dec 21	188	Jan 31, 2002
MAXIMUM PEAK FLOW	--		6,420	Jun 2	18,800	Jun 9, 1986
MAXIMUM PEAK STAGE	--		8.50[a]	Mar 16	10.50	Jun 9, 1986
ANNUAL RUNOFF (AC-FT)	574,000		693,900		1,159,000	
10 PERCENT EXCEEDS	1,720		1,690		3,920	
50 PERCENT EXCEEDS	570		628		788	
90 PERCENT EXCEEDS	208		410		420	

a Backwater from ice.
e Estimated.



09210500 FONTENELLE CREEK NEAR HERSCHLER RANCH, NEAR FONTENELLE, WY

LOCATION.--Lat 42° 05'46", long 110° 24'57", in NW1/4 SW1/4 NE1/4 sec.2, T.24 N., R.115 W., Lincoln County, Hydrologic Unit 14040101, on left bank 2.0 mi downstream from Dutch George Creek and 14 mi west of Fontenelle.

DRAINAGE AREA.--152 mi^2.

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

GAGE.--Water-stage recorder. Elevation of gage is 6,950 ft above NGVD of 1929, from topographic map. Prior to May 5, 1970, at site 300 ft downstream at present datum. U.S. Geological Survey data collection platform with satellite telemetry at station.

REMARKS.--Records good except for May 16-26 which is fair and those for estimated daily discharges, which are poor. Diversions for irrigation of about 780 acres upstream from station.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	24	23	e15	e18	e24	97	97	239	54	24	22
2	32	e24	22	e14	e16	e23	88	96	219	48	23	20
3	29	e25	e22	e14	e15	e23	56	100	199	44	25	21
4	29	e24	e22	e15	e15	23	49	100	176	44	31	18
5	31	24	22	e15	e14	e21	41	103	164	43	26	19
6	28	24	21	e14	e14	e22	41	95	153	42	24	20
7	25	27	e21	e14	e13	e22	37	92	143	41	23	21
8	23	26	e21	e14	e12	e21	46	113	132	37	22	20
9	22	27	21	e14	e13	e21	80	132	124	35	23	20
10	21	e25	e21	e14	e14	20	102	124	128	33	22	23
11	21	e25	e20	e15	e14	22	82	146	127	32	22	23
12	21	e24	e20	e15	e15	49	79	178	111	31	22	22
13	20	24	20	e16	e16	116	76	194	109	28	23	19
14	20	24	22	e15	e17	142	83	240	108	24	22	20
15	20	e25	22	e15	e17	140	85	310	96	25	23	21
16	21	e26	e20	e16	e18	89	58	319	90	25	23	20
17	21	e26	e19	e17	e20	71	51	389	85	26	22	21
18	20	e25	e19	e17	e23	46	51	377	82	31	21	22
19	21	e24	e18	e18	e24	36	54	351	78	32	22	22
20	20	23	e18	e17	e25	37	52	325	72	32	21	22
21	20	e25	e19	e17	25	45	63	329	81	31	20	21
22	21	e26	e18	e17	25	49	71	318	83	27	23	20
23	25	e26	e17	e16	e24	66	75	301	77	23	25	20
24	26	e25	e16	e17	e23	68	96	287	86	21	23	19
25	26	e23	e15	e17	e21	52	111	263	120	24	21	19
26	24	e22	e15	e17	e23	53	123	249	87	30	19	19
27	24	e23	e16	e17	e23	45	111	244	71	32	19	19
28	24	e23	e16	e17	e24	42	104	252	65	29	19	19
29	24	23	e15	e16	---	31	103	253	59	32	19	19
30	24	23	e15	e16	---	31	102	254	58	30	23	19
31	24	---	e15	e17	---	54	---	249	---	27	26	---
TOTAL	732	735	591	488	521	1,504	2,267	6,880	3,422	1,013	701	610
MEAN	23.6	24.5	19.1	15.7	18.6	48.5	75.6	222	114	32.7	22.6	20.3
MAX	32	27	23	18	25	142	123	389	239	54	31	23
MIN	20	22	15	14	12	20	37	92	58	21	19	18
AC-FT	1,450	1,460	1,170	968	1,030	2,980	4,500	13,650	6,790	2,010	1,390	1,210

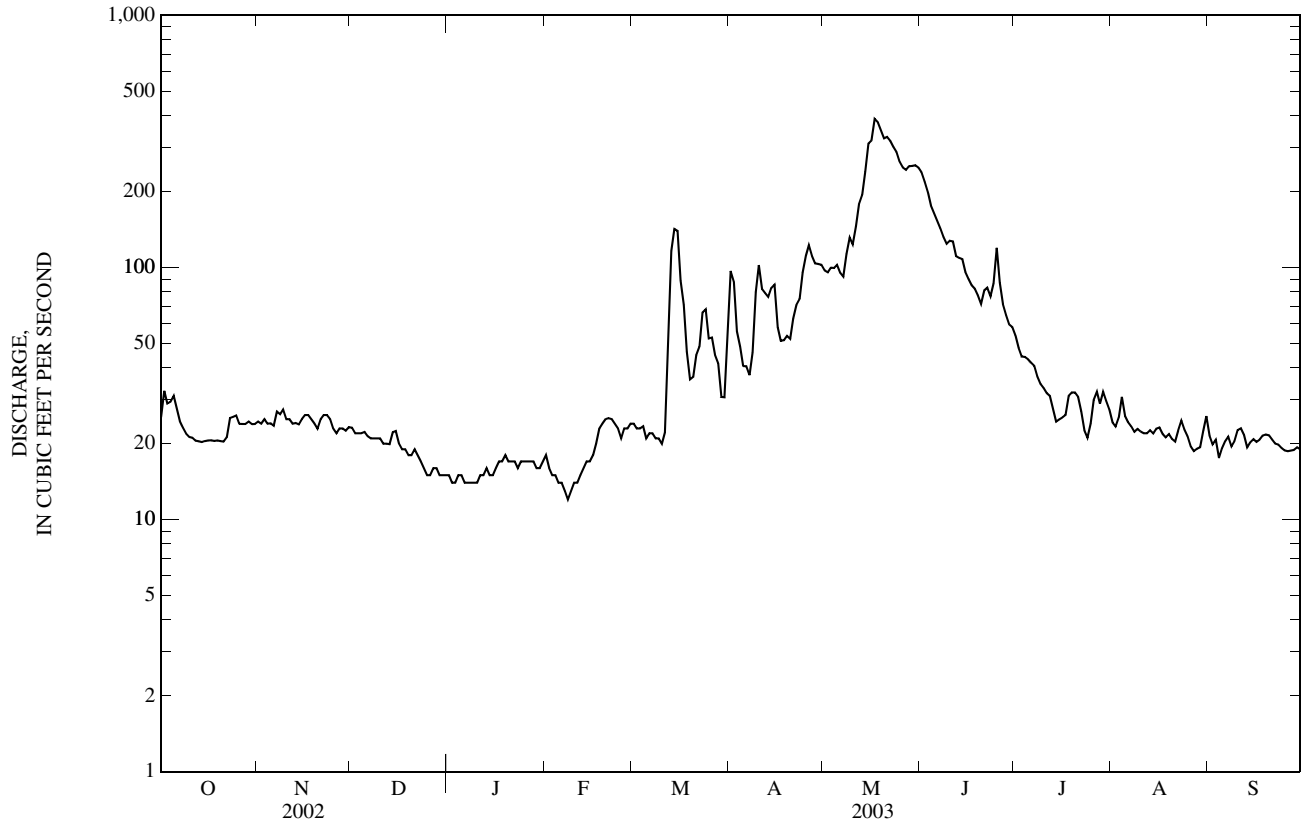
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2003, BY WATER YEAR (WY)

MEAN	32.0	29.8	25.9	25.4	26.4	33.1	98.3	213	223	75.5	37.1	30.4
MAX	55.3	47.1	42.1	41.3	51.3	76.3	280	437	628	185	76.0	63.1
(WY)	(1987)	(1998)	(1985)	(1985)	(1985)	(1986)	(1986)	(1980)	(1986)	(1975)	(1983)	(1997)
MIN	19.1	18.6	13.5	14.3	15.0	18.7	35.1	32.1	20.3	17.2	10.2	12.7
(WY)	(1978)	(1994)	(1990)	(1991)	(1958)	(1962)	(1977)	(1977)	(1977)	(1977)	(1992)	(1977)

09210500 FONTENELLE CREEK NEAR HERSCHLER RANCH, NEAR FONTENELLE, WY—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1952 - 2003	
ANNUAL TOTAL	13,377		19,464		--	
ANNUAL MEAN	36.6		53.3		70.8	
HIGHEST ANNUAL MEAN	--		--		155	1986
LOWEST ANNUAL MEAN	--		--		24.8	1977
HIGHEST DAILY MEAN	161	Jun 1	389	May 17	865	Jun 6, 1986
LOWEST DAILY MEAN	12	Jan 30, Sep 5	12 [e]	Feb 8	5.6	Aug 14, 1992
ANNUAL SEVEN-DAY MINIMUM	13	Aug 31	13 [e]	Feb 5	6.2	Aug 10, 1992
MAXIMUM PEAK FLOW	--		406	May 17	907	Apr 23, 1986
MAXIMUM PEAK STAGE	--		7.70	May 17	9.51	Apr 23, 1986
ANNUAL RUNOFF (AC-FT)	26,530		38,610		51,310	
10 PERCENT EXCEEDS	86		123		180	
50 PERCENT EXCEEDS	22		24		33	
90 PERCENT EXCEEDS	15		16		20	

e Estimated.



09211200 GREEN RIVER BELOW FONTENELLE RESERVOIR, WY

LOCATION.--Lat 42° 01'16", long 110° 02'57", in NW1/4 NW1/4 NE1/4 sec.31, T.24 N., R.111 W., Sweetwater County, Hydrologic Unit 14040103, on right bank 1.0 mi downstream from Fontenelle Dam, 2.5 mi upstream from Slate Creek, and 6.0 mi southeast of Fontenelle.

DRAINAGE AREA.--4,280 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--November 1963 to current year.

REVISED RECORDS.--WSP 2125: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 6,378.13 ft above NGVD of 1929. National Weather Service data collection platform with satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Flow completely regulated by Fontenelle Reservoir 1.0 mi upstream. Natural flow of stream affected by storage reservoirs and diversions for irrigation of about 202,000 acres upstream from station.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	651	677	662	653	e660	e660	1,450	1,490	1,360	854	808	835
2	654	678	660	654	e660	e660	1,450	1,480	1,370	849	789	829
3	650	683	658	667	e660	e660	1,450	1,430	1,370	864	790	815
4	647	676	662	679	e670	e670	1,450	1,410	1,270	892	821	812
5	650	676	663	671	e660	675	1,460	1,430	1,080	835	805	848
6	671	680	662	672	e640	683	1,460	1,460	1,030	782	802	850
7	687	678	664	665	e660	679	1,460	1,430	1,030	790	786	834
8	688	873	674	662	e660	680	1,460	1,430	1,040	778	754	781
9	681	1,060	672	662	e670	681	1,480	1,450	1,030	764	769	758
10	708	625	670	660	e670	673	1,490	1,440	1,020	775	776	775
11	669	634	669	653	e660	675	1,490	1,440	1,010	732	779	759
12	662	635	670	662	e660	674	1,500	1,440	1,020	773	790	844
13	665	651	664	668	e660	680	1,510	1,440	1,010	779	780	869
14	678	623	653	667	e660	683	1,520	1,420	1,030	769	779	850
15	687	631	657	663	e660	688	1,490	1,430	1,030	777	773	841
16	707	634	662	668	e660	687	1,490	1,430	1,020	777	781	809
17	699	625	662	663	e660	676	1,490	1,420	974	763	789	795
18	648	631	662	671	e660	669	1,490	1,380	1,010	745	789	828
19	654	646	654	672	e660	665	1,500	1,350	1,000	734	802	847
20	658	659	653	672	e650	1,020	1,510	1,350	1,040	745	817	849
21	662	651	653	662	e650	1,430	1,520	1,370	1,060	762	813	842
22	657	646	653	667	e650	1,440	1,520	1,380	1,080	768	817	835
23	654	661	653	664	e660	1,440	1,520	1,370	1,120	736	822	837
24	659	659	651	e660	e650	1,450	1,530	1,370	1,080	753	822	824
25	662	653	652	e660	e660	1,450	1,550	1,370	1,140	746	817	809
26	673	653	664	e660	e660	1,450	1,440	1,370	1,200	742	820	809
27	667	653	662	e660	e660	1,450	1,420	1,370	1,360	740	823	813
28	670	656	662	e660	e660	1,460	1,430	1,380	1,340	777	877	812
29	679	662	662	e660	---	1,440	1,430	1,400	1,170	771	962	808
30	676	662	657	e660	---	1,450	1,440	1,360	968	777	842	819
31	677	---	653	e660	---	1,450	---	1,340	---	788	818	---
TOTAL	20,750	20,231	20,475	20,577	18,450	29,748	44,400	43,630	33,262	24,137	25,012	24,636
MEAN	669	674	660	664	659	960	1,480	1,407	1,109	779	807	821
MAX	708	1,060	674	679	670	1,460	1,550	1,490	1,370	892	962	869
MIN	647	623	651	653	640	660	1,420	1,340	968	732	754	758
AC-FT	41,160	40,130	40,610	40,810	36,600	59,010	88,070	86,540	65,980	47,880	49,610	48,870

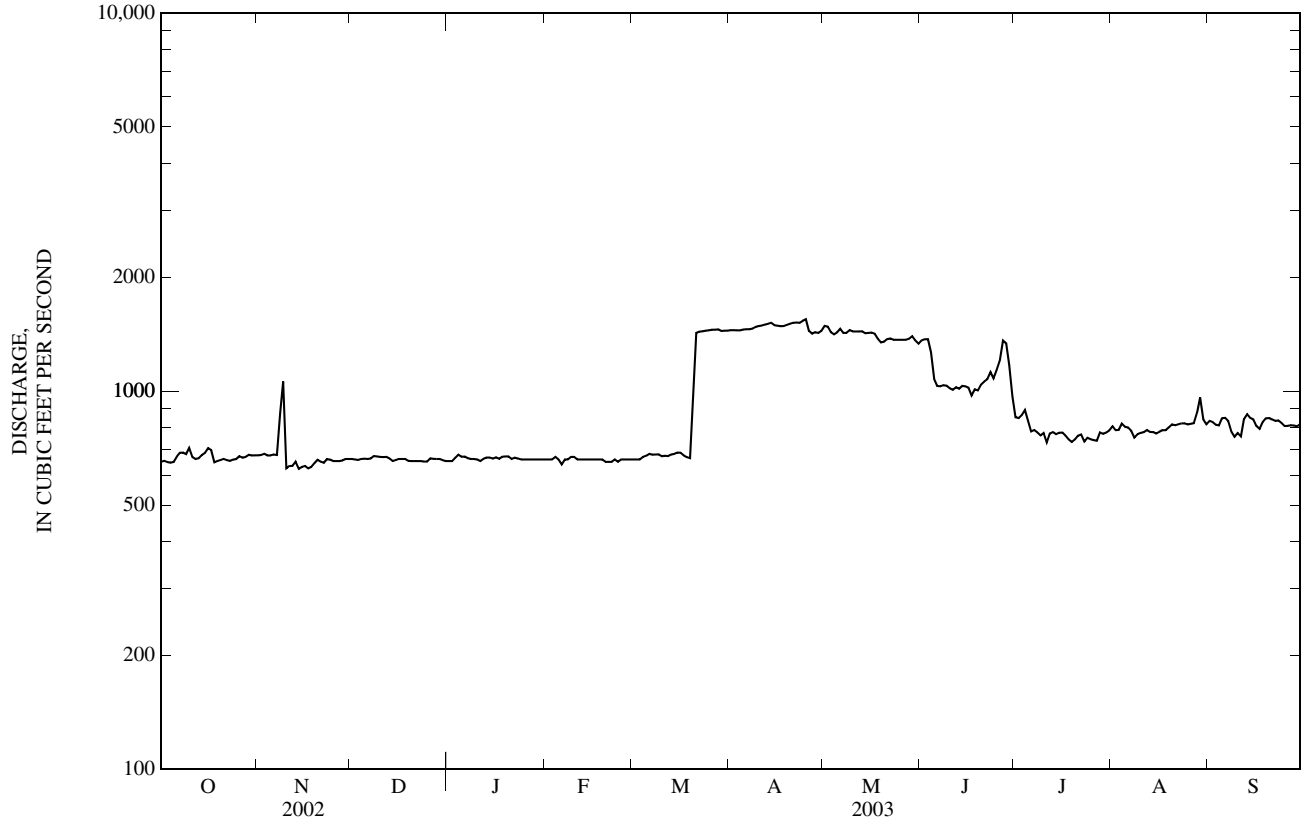
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2003, BY WATER YEAR (WY)

MEAN	1,003	880	818	830	877	943	1,455	2,364	4,331	3,103	1,576	1,201
MAX	3,138	1,522	1,308	1,312	1,818	1,576	3,134	5,588	11,240	8,868	3,466	7,893
(WY)	(1983)	(1984)	(1998)	(1998)	(1974)	(1986)	(1986)	(1985)	(1986)	(1986)	(1982)	(1965)
MIN	291	308	272	273	262	365	370	463	465	364	367	285
(WY)	(1989)	(1989)	(1968)	(1968)	(1968)	(1989)	(1968)	(1992)	(1977)	(1977)	(1977)	(1988)

09211200 GREEN RIVER BELOW FONTENELLE RESERVOIR, WY—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1964 - 2003	
ANNUAL TOTAL	239,921		325,308		--	
ANNUAL MEAN	657		891		1,617	
HIGHEST ANNUAL MEAN	--		--		3,060	1986
LOWEST ANNUAL MEAN	--		--		609	2002
HIGHEST DAILY MEAN	1,570	May 12	1,550	Apr 25	18,600	Sep 6, 1965
LOWEST DAILY MEAN	429	May 1	623	Nov 14	209	Nov 22, 1968
ANNUAL SEVEN-DAY MINIMUM	441	Apr 25	633	Nov 12	251	Dec 25, 1967
MAXIMUM PEAK FLOW	--		1,680	Nov 9	19,400 [a]	Sep 5, 1965
MAXIMUM PEAK STAGE	--		11.98	Nov 9	18.74[a,b]	Sep 5, 1965
ANNUAL RUNOFF (AC-FT)	475,900		645,200		1,171,000	
10 PERCENT EXCEEDS	882		1,440		3,340	
50 PERCENT EXCEEDS	634		764		1,110	
90 PERCENT EXCEEDS	457		654		504	

a Caused by emergency release from Fontenelle Reservoir.
b From floodmarks.
e Estimated.



09211200 GREEN RIVER BELOW FONTENELLE RESERVOIR, WY—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1968 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1967 to September 1976.
WATER TEMPERATURES: October 1967 to September 1976.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

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 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)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
NOV													
21...	1215	649	608	12.1	118	8.3	346	7.0	4.5	207	0.33	<0.04	<0.06
DEC													
10...	1505	681	600	11.3	103	8.1	342	3.5	1.5	229	0.22	<0.04	<0.06
JAN													
13...	1420	672	605	11.1	104	8.0	391	6.0	3.0	248	0.25	<0.04	<0.05
MAR													
27...	1220	1,480	600	13.6	130	8.2	392	-3.0	3.5	256	0.21	<0.04	<0.05
MAY													
14...	1545	1,420	600	10.1	117	7.3	413	22.0	11.5	261	0.27	<0.04	<0.05
JUN													
18...	1350	1,010	603	8.1	104	7.6	308	26.0	16.0	194	0.30	<0.04	<0.06
JUL													
24...	1010	749	606	11.2	159	8.1	375	32.0	21.0	192	0.34	<0.04	0.13
AUG													
13...	1420	780	609	6.0	78	6.7	322	29.5	17.0	200	0.32	<0.04	0.10
SEP													
03...	1640	820	590	7.1	98	8.0	334	25.0	18.0	193	0.55	0.15	E.06

Date	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)
NOV				
21...	<0.008	<0.02	<0.04	<0.04
DEC				
10...	<0.008	<0.02	<0.04	<0.04
JAN				
13...	<0.008	<0.02	<0.06	<0.06
MAR				
27...	<0.008	<0.02	<0.06	<0.06
MAY				
14...	<0.008	<0.02	<0.06	<0.06
JUN				
18...	<0.008	<0.02	E.02	0.04
JUL				
24...	<0.008	0.04	0.05	0.06
AUG				
13...	E.007	0.04	0.06	0.06
SEP				
03...	0.026	0.06	0.08	0.09

E -- Estimated value

09213500 BIG SANDY RIVER NEAR FARSON, WY

LOCATION.--Lat 42° 19'01", long 109° 29'06", in NW1/4SE1/4NW1/4 sec.17, T.27 N., R.106 W., Sublette County, Hydrologic Unit 14040104, on left upstream side of Eden Canal diversion, about 1.0 mi upstream from high-water line of Big Sandy Reservoir, 14.5 mi north of Farson, and 24.5 mi upstream from Little Sandy Creek.

DRAINAGE AREA.--322 mi^2.

PERIOD OF RECORD.--October 1914 to September 1917, October 1920 to October 1924, October 1926 to September 1934, April 1953 to current year (no winter records since 1971). Prior to October 1968, published as Big Sandy Creek near Farson. Monthly discharge only for some periods, published in WSP 1313.

REVISED RECORDS.--WSP 1733: Drainage area.

GAGE.--Water-stage recorder and concrete control. Elevation of gage is 6,770 ft above NGVD of 1929, from topographic map. Prior to April 28, 1921, nonrecording gage, and April 28, 1921 to August 3, 1934, water-stage recorder at site 0.5 mi upstream at different datum. April 17, 1953 to November 11, 1954, water-stage recorder at site 1.5 mi upstream at different datum. National Weather Service data collection platform with satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Diversions for irrigation of about 1,000 acre upstream from station. The Eden Canal, which bypasses the station, has not been used since station was establish at present site in November 1954. Result of discharge measurement, in cubic feet per second, made during the period when station was not in operation, is given below:

Oct. 3 . . . . 23.8

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	58	62	e380	142	24	12
2	---	---	---	---	---	---	61	62	e320	136	22	20
3	---	---	---	---	---	---	55	61	e270	130	21	19
4	---	---	---	---	---	---	63	60	e200	123	20	17
5	---	---	---	---	---	---	52	62	e190	116	19	18
6	---	---	---	---	---	---	52	60	e160	107	19	19
7	---	---	---	---	---	---	47	61	e165	98	18	18
8	---	---	---	---	---	---	43	61	e175	89	16	16
9	---	---	---	---	---	---	45	64	e190	81	15	17
10	---	---	---	---	---	---	43	62	187	71	14	18
11	---	---	---	---	---	---	43	61	181	63	14	19
12	---	---	---	---	---	---	48	58	183	59	14	20
13	---	---	---	---	---	---	51	57	181	53	13	23
14	---	---	---	---	---	---	50	58	164	47	13	24
15	---	---	---	---	---	---	53	64	152	40	12	25
16	---	---	---	---	---	---	54	71	155	39	11	26
17	---	---	---	---	---	---	53	92	154	38	9.7	25
18	---	---	---	---	---	---	53	147	185	37	8.7	23
19	---	---	---	---	---	---	53	142	177	37	8.6	22
20	---	---	---	---	---	---	54	145	157	37	8.9	22
21	---	---	---	---	---	---	54	137	150	39	9.0	21
22	---	---	---	---	---	---	54	157	155	38	8.9	21
23	---	---	---	---	---	---	56	222	175	40	8.6	19
24	---	---	---	---	---	---	56	374	190	38	9.5	18
25	---	---	---	---	---	---	55	602	204	36	11	16
26	---	---	---	---	---	---	57	610	180	39	9.8	14
27	---	---	---	---	---	---	63	533	170	35	8.8	14
28	---	---	---	---	---	---	62	539	157	34	10	13
29	---	---	---	---	---	---	63	544	153	31	11	13
30	---	---	---	---	---	---	62	498	148	29	14	13
31	---	---	---	---	---	---	---	403	---	27	11	---
TOTAL	---	---	---	---	---	---	1,613	6,129	5,608	1,929	412.5	565
MEAN	---	---	---	---	---	---	53.8	198	187	62.2	13.3	18.8
MAX	---	---	---	---	---	---	63	610	380	142	24	26
MIN	---	---	---	---	---	---	43	57	148	27	8.6	12
AC-FT	---	---	---	---	---	---	3,200	12,160	11,120	3,830	818	1,120

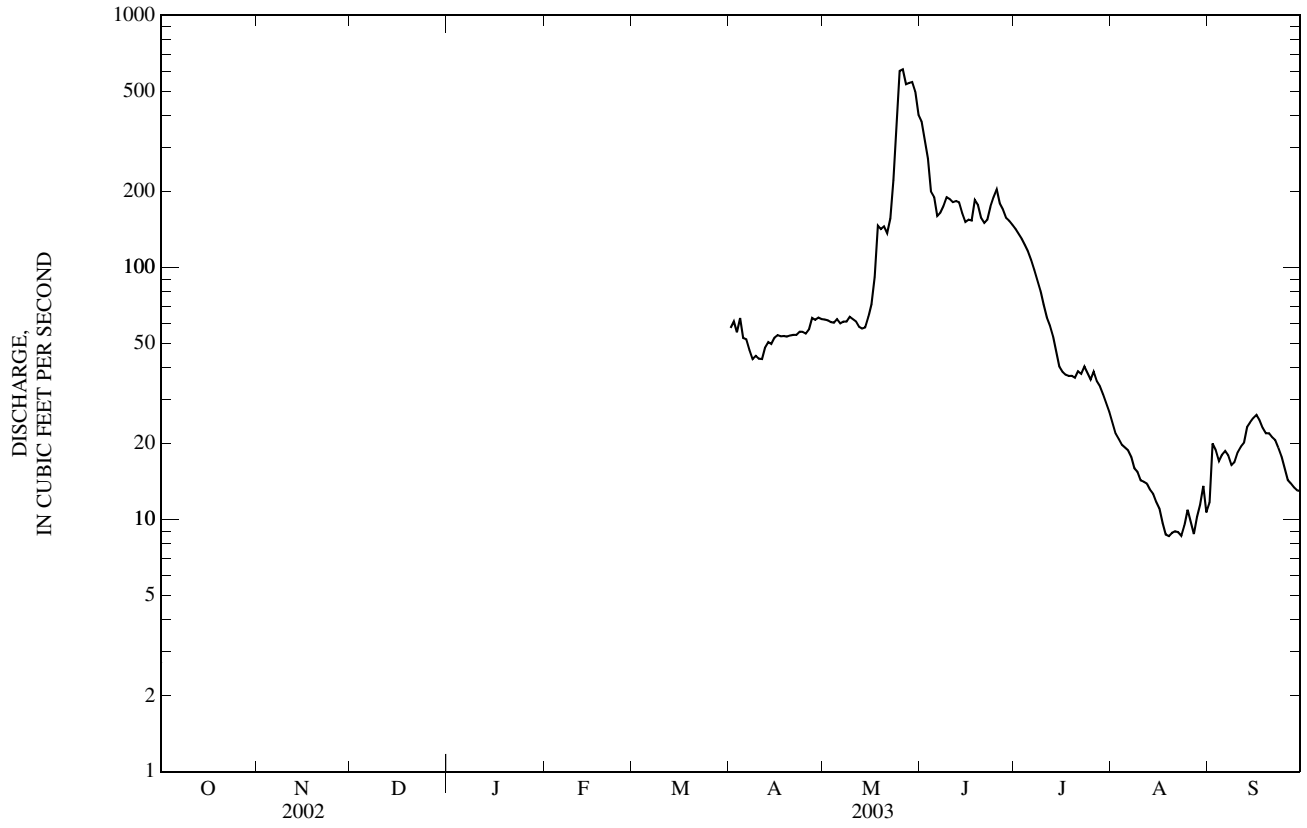
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1915 - 2003, BY WATER YEAR (WY)*

MEAN	30.2	21.2	13.2	11.1	12.1	21.8	60.1	236	414	173	48.2	30.3
MAX	75.6	41.0	21.7	22.9	26.0	46.7	148	454	905	510	155	83.9
(WY)	(1928)	(1934)	(1969)	(1969)	(1969)	(1967)	(1983)	(1928)	(1986)	(1995)	(1930)	(1927)
MIN	8.90	9.17	3.00	0.30	0.10	2.98	22.1	89.1	55.5	14.3	8.48	2.07
(WY)	(1932)	(1961)	(1960)	(1960)	(1960)	(1961)	(1975)	(1933)	(1934)	(1934)	(1931)	(1931)

09213500 BIG SANDY RIVER NEAR FARSON, WY—Continued

SUMMARY STATISTICS	FOR 2003 WATER YEAR*		WATER YEARS 1915 - 2003*	
ANNUAL MEAN	--		86.7	
HIGHEST ANNUAL MEAN	--		148	1917
LOWEST ANNUAL MEAN	--		33	1934
HIGHEST DAILY MEAN	610	May 26	1,690	Jun 4, 1986
LOWEST DAILY MEAN	8.6	Aug 19,23	0.00	Jan 27, 1963
ANNUAL SEVEN-DAY MINIMUM	--		0.10	Feb 1, 1960
MAXIMUM PEAK FLOW	713	May 26	1,890	Jun 3, 1986
MAXIMUM PEAK STAGE	6.87	May 26	8.46	Jun 3, 1986
ANNUAL RUNOFF (AC-FT)	--		62,800	
10 PERCENT EXCEEDS	--		270	
50 PERCENT EXCEEDS	--		25	
90 PERCENT EXCEEDS	--		9	

* For period of operation.
e Estimated.



09213700 BIG SANDY RESERVOIR NEAR FARSON, WY

LOCATION.--Lat 42° 14'57", long 109° 25'43", in NE1/4 NW1/4 NW1/4 sec.11, T.26 N., R.106 W., Sweetwater County, Hydrologic Unit 14040104, 10.1 mi north of Farson and 20.5 mi upstream from Little Sandy Creek.

DRAINAGE AREA.--386 mi^2.

PERIOD OF RECORD.--May 1987 to current year.

REVISED. --WDR WY-98-1: 1996, 1997.

GAGE.--Water-stage recorder. Datum of gage is 6,770.00 ft above NGVD of 1929 (levels by U.S. Bureau of Reclamation). U.S. Geological Survey data collection platform with satellite telemetry at station.

REMARKS.--Records good except those for estimated contents, which are poor. Reservoir is formed by an earthfill dam, storage began in April 1953. Total capacity, 54,385 acre-ft at elevation 6,762.8 ft, crest of spillway, including 1,425 acre-ft of dead storage in a permanent pool at elevation 6,720.0 ft, trash-rack sill. Reservoir is used for storage of irrigation water and for recreation. Figures given herein represent active storage.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents recorded, 41,400 acre-ft, June 12, 1997, elevation, 6,758.71 ft, June 12, 1997; minimum contents recorded, 322 acre-ft, September 15, 2000, elevation, 6,721.85 ft.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded 6748.44 ft, June 12, contents 19,400 acre-ft. Minimum elevation recorded 6725.40ft, October 1, contents 1100 acre-ft.

Capacity table (elevation, in feet, and contents, in acre-feet)

6,720	0	6,730	2,545	6,740	8,655	6,750	22,155	6,760	44,905

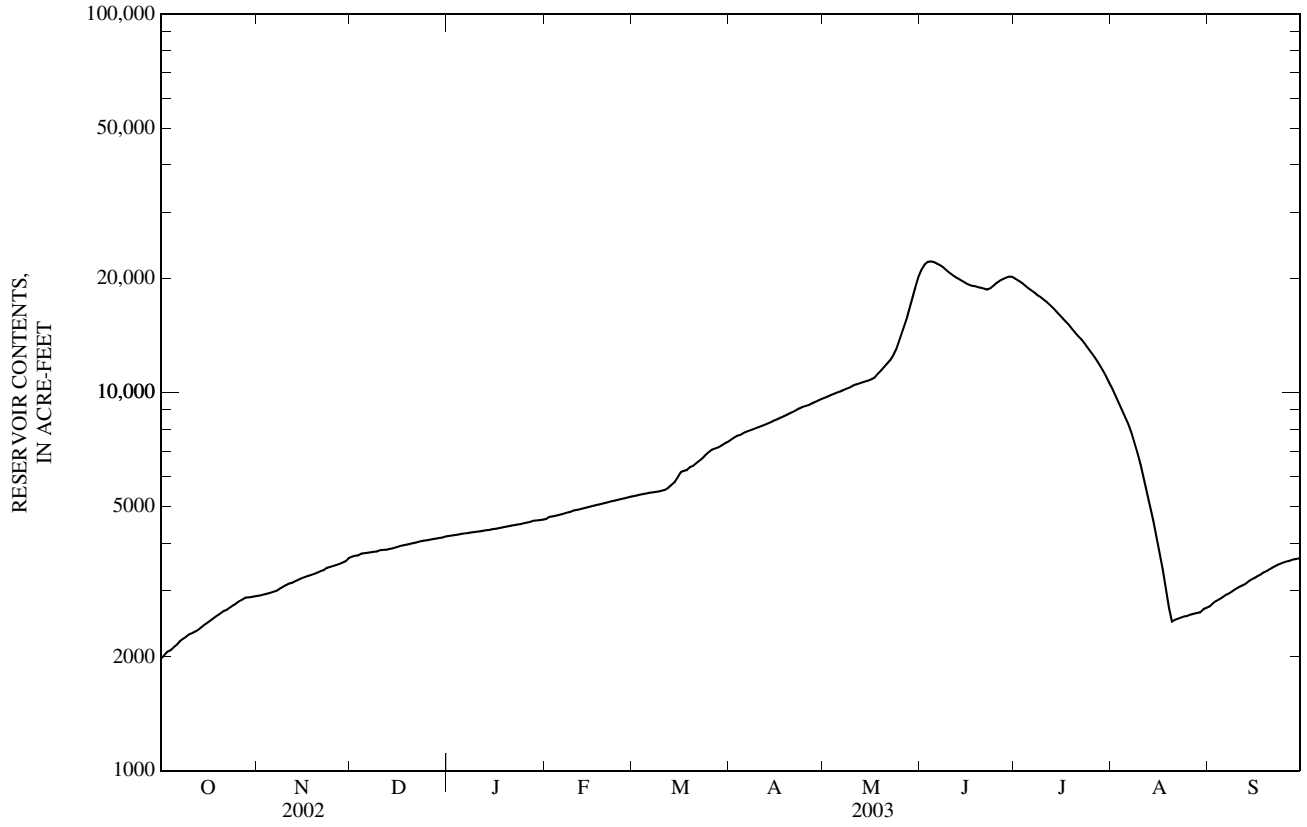
RESERVOIR STORAGE, ACRE FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,980	2,900	e3,680	4,180	e4,630	5,320	7,490	9,680	21,100	20,000	10,200	2,720
2	2,020	2,910	e3,700	4,190	4,690	5,340	7,590	9,760	21,800	19,700	9,810	2,760
3	2,060	2,930	e3,710	4,200	4,700	5,370	7,670	9,840	22,200	19,500	9,410	2,800
4	2,080	2,940	e3,750	4,210	4,720	5,390	7,720	9,910	22,200	19,200	9,030	2,840
5	e2,120	2,950	e3,760	4,230	4,740	5,410	7,810	9,990	22,100	18,900	8,640	2,870
6	e2,150	2,970	e3,770	4,240	4,770	5,430	7,870	10,000	21,900	18,600	8,290	2,910
7	2,200	2,990	e3,780	4,250	4,790	5,440	7,920	10,100	21,700	18,400	7,860	2,930
8	2,230	3,030	e3,790	4,270	4,820	5,460	7,980	10,200	21,400	18,100	7,400	2,970
9	2,260	3,070	e3,800	4,280	4,840	5,480	8,040	10,300	21,000	17,900	6,910	3,010
10	2,290	3,100	e3,830	4,290	4,880	5,500	8,100	10,400	20,700	17,600	6,430	3,050
11	2,310	3,130	3,840	4,300	4,900	5,530	8,160	10,500	20,400	17,300	5,950	3,080
12	2,330	3,140	3,840	4,310	4,920	5,600	8,220	10,600	20,200	17,000	5,460	3,100
13	2,360	3,170	3,860	4,320	4,940	5,690	8,290	10,600	19,900	16,700	5,020	3,140
14	2,400	3,200	3,870	4,330	4,960	5,780	8,350	10,700	19,700	16,400	4,590	3,190
15	2,440	3,230	3,890	4,350	4,990	5,960	8,440	10,800	19,500	16,100	4,160	3,220
16	2,470	3,250	3,920	4,360	5,020	6,150	8,500	10,800	19,300	15,700	3,780	3,260
17	2,500	3,280	3,940	4,380	5,040	6,210	8,580	10,900	19,200	15,400	3,410	3,290
18	2,540	3,290	3,950	4,400	5,060	e6,240	8,660	11,200	19,100	15,100	3,060	3,330
19	2,570	3,310	3,970	4,410	5,080	e6,350	8,730	11,400	19,000	14,800	2,700	3,360
20	2,600	3,340	3,990	4,430	5,110	e6,400	8,820	11,700	18,900	14,400	2,480	3,400
21	2,640	3,370	4,010	4,450	5,130	e6,500	8,890	11,900	18,800	14,100	2,500	3,440
22	2,660	3,390	4,020	4,460	5,160	e6,600	8,990	12,200	18,700	13,800	2,520	3,470
23	2,700	e3,440	4,040	4,480	5,180	e6,700	9,070	12,600	18,900	13,500	2,540	3,510
24	2,740	3,460	4,060	4,490	5,200	6,840	9,160	13,100	19,200	13,200	2,560	3,540
25	2,770	3,480	4,070	4,510	5,230	6,950	9,210	13,800	19,500	12,800	2,570	3,560
26	2,800	3,500	4,080	4,530	5,250	7,060	9,260	14,600	19,700	12,500	2,590	3,580
27	2,840	3,520	4,100	4,550	5,270	7,100	9,360	15,500	19,900	12,100	2,600	3,600
28	2,870	e3,550	4,110	e4,580	5,300	7,160	9,440	16,500	20,100	11,800	2,610	3,620
29	2,870	e3,580	4,120	e4,590	---	7,240	9,520	17,800	20,300	11,400	2,620	3,630
30	2,880	e3,650	4,140	e4,600	---	7,330	9,600	19,000	20,200	11,000	2,670	3,650
31	2,890	---	4,160	e4,610	---	7,400	---	20,200	---	10,600	2,690	---
MAX	2,890	3,650	4,160	4,610	5,300	7,400	9,600	20,200	22,200	20,000	10,200	3,650
MIN	1,980	2,900	3,680	4,180	4,630	5,320	7,490	9,680	18,700	10,600	2,480	2,720
(#)	6,730.9	--	6,733.6	6,734.4	6,735.5	6,738.5	6,741.0	6,748.9	6,749.0	6,742.5	6,730.4	6,732.6
(*)	+940	+760	+510	+450	+690	+2,100	+2,200	+10,600	+0.0	-9,600	-7,910	+960

CAL YR 2002 MAX 19300 MIN 1220
WTR YR 2003 MAX 22200 MIN 1980

(#) Elevation, in feet, at end of month.
(*) Change in contents, in acre-feet.
e Estimated.

09213700 BIG SANDY RESERVOIR NEAR FARSON, WY—Continued



09216050 BIG SANDY RIVER AT GASSON BRIDGE, NEAR EDEN, WY

LOCATION.--Lat 41° 56'51", long 109° 41'15", in NW1/4 NW1/4 NW1/4 sec.29, T.23 N., R.108 W., Sweetwater County, Hydrologic Unit 14040104, on right bank 20 ft downstream from Gasson Bridge and 14.5 mi southwest of Eden.

DRAINAGE AREA.--1,720 mi^2.

PERIOD OF RECORD.--May 1972 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,350 ft above NGVD of 1929, from topographic map. Prior to June 10, 1998, at site 1,250 ft upstream at present datum. U.S. Geological Survey data collection platform with satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Natural flow of stream affected by storage reservoirs and diversions for irrigation of about 19,300 acres upstream from station.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22	e21	e27	e13	e16	e12	31	17	12	21	20	21
2	23	e21	e27	e13	e16	e12	e31	16	12	20	19	21
3	23	e20	e26	e13	e15	e13	e31	17	12	20	22	22
4	23	e20	e26	e14	e13	e13	e31	17	18	21	18	20
5	23	e21	e26	e14	e12	e13	e31	17	21	22	19	19
6	22	e22	e25	e14	e11	e13	e31	18	23	25	20	19
7	22	e24	e23	e14	e10	e14	31	18	25	25	19	18
8	22	e24	e21	e13	e10	e15	30	19	22	23	18	20
9	21	e23	e21	e12	e10	e16	29	20	18	24	20	22
10	21	e24	e21	e12	e10	e18	28	21	18	21	23	21
11	21	e24	e21	e12	e10	e19	28	22	22	20	22	21
12	20	e24	e22	e13	e11	e20	26	21	20	19	22	21
13	20	e23	e22	e13	e11	e21	25	19	15	19	22	19
14	21	e24	e22	e14	e12	e21	24	18	15	20	21	17
15	21	e24	e21	e14	e13	e21	24	17	15	21	19	17
16	21	e24	e21	e13	e13	e21	24	17	18	28	19	17
17	22	e24	e20	e12	e13	e22	26	17	18	32	e20	17
18	22	e24	e19	e12	e12	e23	24	18	23	32	e21	18
19	22	e25	e17	e13	e11	e23	23	18	18	28	e21	19
20	23	e26	e15	e12	e10	e23	23	18	14	23	e20	18
21	23	e27	e15	e13	e11	e24	22	18	17	26	20	17
22	23	29	e14	e14	e12	e25	22	17	22	26	23	16
23	24	30	e13	e15	e12	e26	23	16	23	20	25	15
24	24	29	e12	e15	e12	e27	21	16	32	20	21	15
25	24	e27	e12	e14	e11	e28	21	16	43	22	18	15
26	23	e25	e11	e14	e11	e29	19	15	41	22	17	16
27	24	e25	e12	e14	e12	e31	18	15	36	27	16	16
28	24	e25	e13	e14	e12	36	18	14	28	24	15	15
29	23	e25	e13	e14	---	37	17	13	25	25	15	16
30	19	e26	e13	e14	---	34	17	13	23	23	18	16
31	e20	---	e13	e15	---	34	---	13	---	24	19	---
TOTAL	686	730	584	416	332	684	749	531	649	723	612	544
MEAN	22.1	24.3	18.8	13.4	11.9	22.1	25.0	17.1	21.6	23.3	19.7	18.1
MAX	24	30	27	15	16	37	31	22	43	32	25	22
MIN	19	20	11	12	10	12	17	13	12	19	15	15
AC-FT	1,360	1,450	1,160	825	659	1,360	1,490	1,050	1,290	1,430	1,210	1,080

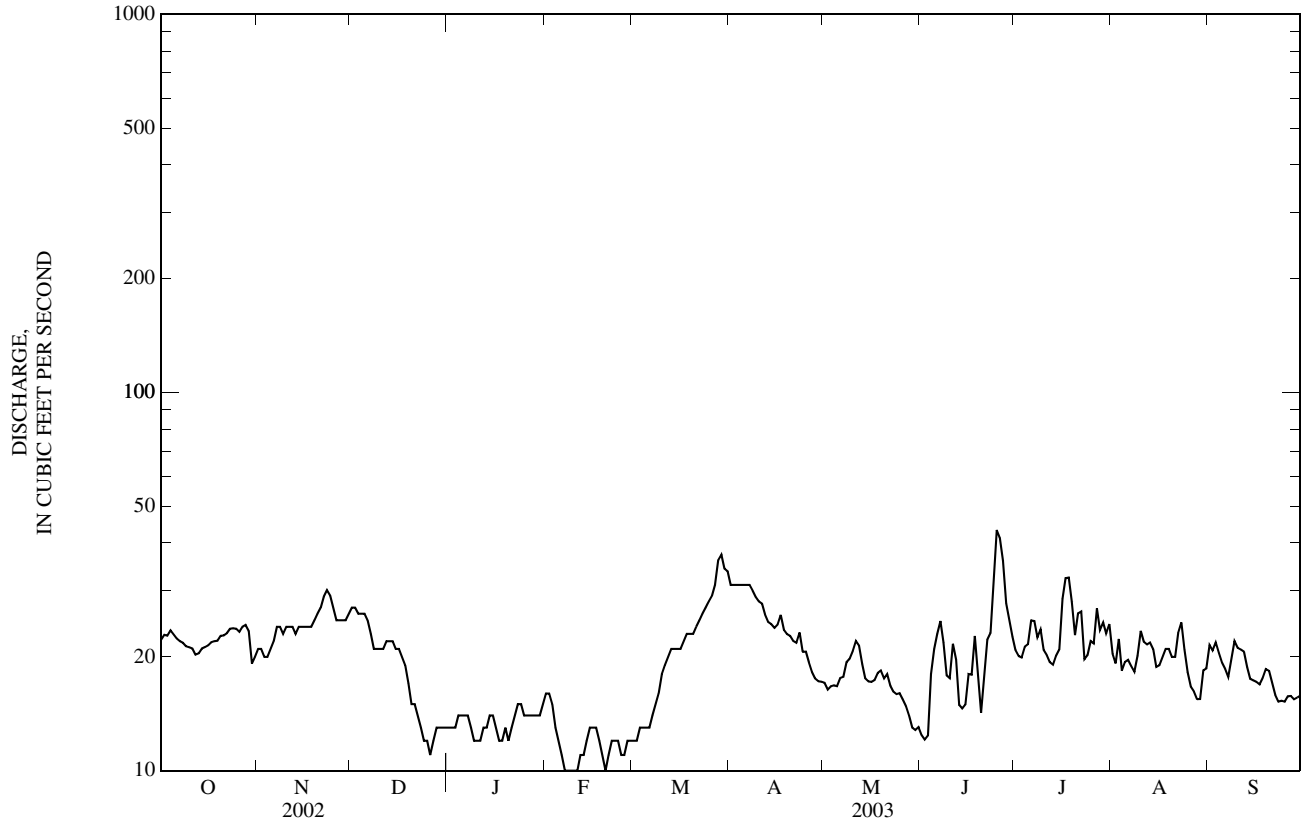
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 2003, BY WATER YEAR (WY)

MEAN	59.4	52.4	37.1	30.0	32.5	82.2	106	74.1	141	102	75.9	69.3
MAX	102	149	60.4	55.5	74.0	393	462	208	627	340	119	100
(WY)	(1984)	(1984)	(1976)	(1984)	(1982)	(1997)	(1980)	(1984)	(1986)	(1995)	(1983)	(1983)
MIN	22.1	24.3	12.3	10.6	11.9	22.1	25.0	17.1	21.6	21.8	19.7	18.1
(WY)	(2003)	(2003)	(2002)	(2002)	(2003)	(2003)	(2003)	(2003)	(2003)	(2001)	(2003)	(2003)

09216050 BIG SANDY RIVER AT GASSON BRIDGE, NEAR EDEN, WY—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1972 - 2003	
ANNUAL TOTAL	8,978.0		7,240		--	
ANNUAL MEAN	24.6		19.8		70.8	
HIGHEST ANNUAL MEAN	--		--		139	1983
LOWEST ANNUAL MEAN	--		--		19.8	2003
HIGHEST DAILY MEAN	116	Apr 1	43	Jun 25	5,530	Apr 24, 1980
LOWEST DAILY MEAN	9.6[e]	Jan 3, 14-16	10 [e]	Some days	7.0	Dec 24, 1990
ANNUAL SEVEN-DAY MINIMUM	9.8	Jan 10	10	Feb 6	9.8	Jan 10, 2002
MAXIMUM PEAK FLOW	--		48 [a]	Jun 25	7,430 [b]	Apr 24, 1980
MAXIMUM PEAK STAGE	--		5.60[c]	Jan 31	10.58	Apr 24, 1980
ANNUAL RUNOFF (AC-FT)	17,810		14,360		51,310	
10 PERCENT EXCEEDS	30		26		107	
50 PERCENT EXCEEDS	22		20		52	
90 PERCENT EXCEEDS	12		13		24	

a Gage height, 3.04 ft.
b From rating curve extended above 2,000 ft^3/s on basis of slope-area measurement of peak flow.
c Backwater from ice.
e Estimated.



09217000 GREEN RIVER NEAR GREEN RIVER, WY

LOCATION.--Lat 41° 30'59", long 109° 26'54", in NW1/4NE1/4NE1/4 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 mi^2, of which 4,260 mi^2, including 3,959 mi^2 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. National Weather Service data collection platform with satellite telemetry at station.

REMARKS.--Records 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 ft^3/s, June 19, 1918, at site 1.5 mi upstream.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	608	595	e600	e620	e620	e660	1,580	1,380	1,290	903	577	826
2	677	629	e600	e610	e620	e660	1,540	1,410	1,290	748	632	810
3	667	614	593	e600	e620	e660	1,590	1,400	1,300	703	649	820
4	661	624	608	e620	e620	e660	1,540	1,370	1,290	700	665	763
5	614	607	632	e630	e630	e680	1,450	1,350	1,220	695	653	703
6	593	589	631	e630	e630	e690	1,430	1,350	1,060	688	656	729
7	592	585	604	e620	e610	e690	1,370	1,390	1,000	691	674	704
8	591	583	e620	e620	e600	e700	1,310	1,380	989	682	716	702
9	584	693	e620	e620	e610	e690	1,290	1,390	995	685	736	734
10	581	983	e620	e620	e620	e680	1,270	1,420	986	686	707	738
11	592	626	e620	e610	e630	e680	1,360	1,380	956	684	697	721
12	593	627	e610	e600	e640	688	1,460	1,370	920	676	711	695
13	583	628	e600	e610	e665	699	1,630	1,370	938	669	703	700
14	598	619	e600	e620	e670	692	e1,530	1,380	931	660	697	693
15	606	610	e600	e635	e680	700	e1,450	1,390	932	647	675	691
16	591	634	e610	e640	e670	765	e1,400	1,400	922	643	634	690
17	578	623	e610	e630	e670	794	e1,380	1,380	933	634	623	696
18	600	623	e610	e620	e670	795	e1,400	1,370	897	634	599	696
19	607	634	e620	e630	e660	e800	1,460	1,310	928	627	600	713
20	607	610	e610	e620	e660	e1,200	1,560	1,290	925	623	600	703
21	601	609	e600	e610	e660	e1,350	1,540	1,290	944	608	577	696
22	603	607	e600	e610	e660	1,440	1,500	1,300	966	607	614	691
23	623	588	e600	e610	e660	1,570	1,480	1,300	983	607	684	686
24	623	597	e600	e620	e660	1,520	1,520	1,300	1,200	584	648	685
25	606	579	e600	e620	e640	1,610	1,450	1,310	1,160	586	631	683
26	605	570	e620	e620	e650	1,670	1,450	1,300	1,050	611	602	677
27	603	e600	e620	e620	e660	1,800	1,370	1,310	1,030	584	613	677
28	616	e620	e620	e620	e660	1,780	1,370	1,350	1,150	566	675	674
29	620	e610	e620	e620	---	1,720	1,380	1,340	1,150	559	676	673
30	597	e620	e620	e620	---	1,720	1,380	1,360	1,080	555	950	678
31	612	---	e620	e620	---	1,650	---	1,330	---	556	1,020	---
TOTAL	18,832	18,736	18,938	19,195	18,045	32,413	43,440	41,970	31,415	20,101	20,894	21,347
MEAN	607	625	611	619	644	1,046	1,448	1,354	1,047	648	674	712
MAX	677	983	632	640	680	1,800	1,630	1,420	1,300	903	1,020	826
MIN	578	570	593	600	600	660	1,270	1,290	897	555	577	673
AC-FT	37,350	37,160	37,560	38,070	35,790	64,290	86,160	83,250	62,310	39,870	41,440	42,340

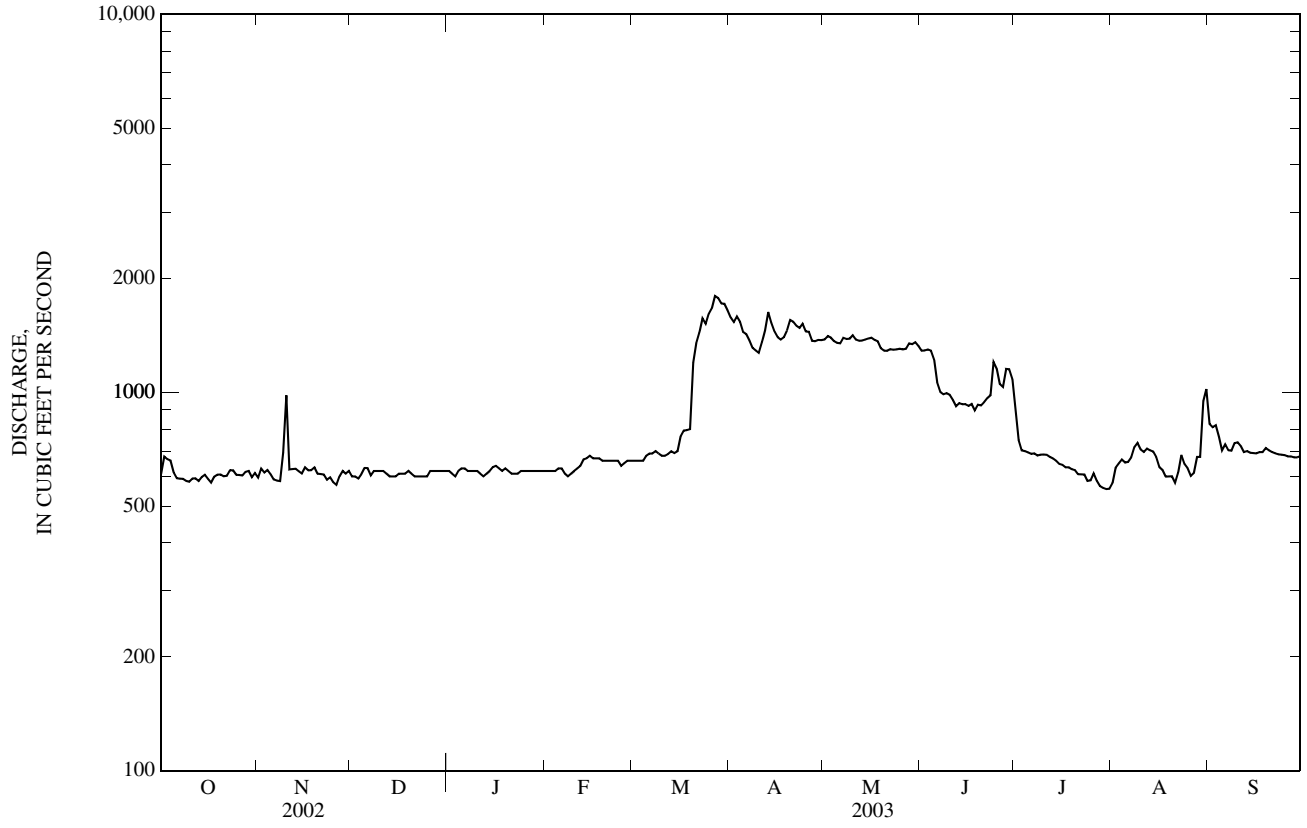
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2003, BY WATER YEAR (WY)

MEAN	956	847	733	752	821	1,033	1,609	2,530	4,670	3,134	1,531	1,112
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)

09217000 GREEN RIVER NEAR GREEN RIVER, WY—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1952 - 2003	
ANNUAL TOTAL	223,942		305,326		--	
ANNUAL MEAN	614		837		1,646	
HIGHEST ANNUAL MEAN	--		--		3,089	1986
LOWEST ANNUAL MEAN	--		--		576	2002
HIGHEST DAILY MEAN	1,480	May 12-14	1,800	Mar 27	16,700	Sep 7, 1965
LOWEST DAILY MEAN	400 [e]	Jan 31	555	Jul 30	170	Nov 16, 1955
ANNUAL SEVEN-DAY MINIMUM	434	Apr 13	573	Jul 26	214	Dec 24, 1962
MAXIMUM PEAK FLOW	--		1,880 [a]	Mar 27	16,800 [b]	Sep 7, 1965
MAXIMUM PEAK STAGE	--		2.95[c]	Feb 11	8.53[b]	Sep 7, 1965
ANNUAL RUNOFF (AC-FT)	444,200		605,600		1,192,000	
10 PERCENT EXCEEDS	778		1,390		3,590	
50 PERCENT EXCEEDS	578		669		1,070	
90 PERCENT EXCEEDS	480		600		460	

a Gage height, 2.54 ft.
b Caused by emergency release from Fontenelle Reservoir.
c Backwater from ice.
e Estimated.



09217000 GREEN RIVER NEAR GREEN RIVER, 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 2002 TO SEPTEMBER 2003

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 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)
NOV										
22...	1400	622	610	15.5	142	8.3	501	7.0	2.5	327
DEC										
12...	0925	708	608	16.0	138	8.2	492	1.0	0.0	338

09217010 GREEN RIVER BELOW GREEN RIVER, WY

LOCATION.--Lat 41° 29'46", long 109° 26'17", in SW1/4 SE1/4 NW1/4 sec.36, T.18 N., R.107 W., Sweetwater County, Hydrologic Unit 14040106, at bridge on county road, 1.7 mi downstream from Bitter Creek, 2.7 mi southeast of town of Green River, and 3.3 mi upstream from Logan Draw.

PERIOD OF RECORD.--Water years 1974 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

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 uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)
NOV													
22...	1600	642	610	16.8	156	8.4	625	7.0	3.0	0.30	E.03	<0.06	E.004
DEC													
12...	0840	708	608	16.1	138	8.2	484	1.0	0.0	0.26	E.03	0.12	E.004
MAR													
27...	1425	1,780	--	--	--	--	570	0.0	2.0	0.25	<0.04	0.11	<0.008
MAY													
15...	1840	1,380	--	--	--	--	531	22.0	16.0	0.59	<0.04	0.09	<0.008
JUL													
25...	1045	725	--	--	--	--	455	29.0	26.0	0.41	<0.04	<0.06	<0.008
AUG													
15...	0905	694	--	--	--	--	462	20.0	20.5	0.43	<0.04	<0.06	E.004

Date	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)
NOV			
22...	E.02	<0.04	0.04
DEC			
12...	0.02	E.03	E.04
MAR			
27...	0.02	E.03	E.05
MAY			
15...	E.01	E.03	0.19
JUL			
25...	<0.02	<0.04	0.04
AUG			
15...	<0.02	<0.04	0.05

E -- Estimated value

09217900 BLACKS FORK NEAR ROBERTSON, WY

LOCATION.--Lat 40° 57'33", long 110° 34'46", 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 mi^2.

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

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

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	68	54	e34	e19	e20	e9.0	e64	94	1,550	316	81	62
2	67	56	e31	e18	e19	e10	e64	94	1,220	301	82	58
3	67	62	e29	e19	e16	e10	e60	105	929	279	87	57
4	65	61	e28	e19	e14	e11	e55	109	778	261	81	55
5	65	56	e27	e18	e11	e11	e50	92	668	243	73	56
6	65	53	e27	e18	e9.0	e12	e46	82	612	227	68	73
7	67	54	e26	e19	e7.0	e12	e43	84	562	213	63	67
8	65	51	e25	e18	e5.8	e13	e40	80	506	197	63	56
9	62	51	e26	e19	e6.0	e13	e41	79	515	186	61	59
10	60	54	e26	e18	e6.2	e14	42	77	519	173	63	69
11	59	52	e25	e19	e6.5	e14	44	73	493	163	75	68
12	56	61	e24	e19	e7.0	e14	51	82	474	157	63	57
13	57	58	e24	e19	e8.0	e15	70	117	433	149	62	49
14	56	54	e23	e20	e9.0	e16	96	153	397	143	81	47
15	55	56	e22	e19	e10	e17	101	215	382	134	87	45
16	55	60	e21	e19	e10	e19	88	302	361	130	71	44
17	54	58	e20	e19	e9.0	e21	86	394	348	128	95	43
18	53	55	e21	e20	e8.0	e23	82	443	333	133	65	46
19	54	55	e21	e19	e8.0	e25	74	437	314	142	60	46
20	54	53	e20	e20	e7.0	e28	66	418	293	133	57	41
21	53	52	e19	e21	e7.0	e31	75	450	321	121	58	39
22	53	53	e18	e22	e8.0	e36	83	529	433	112	70	38
23	53	e52	e17	e23	e7.0	e38	68	655	397	109	83	36
24	54	51	e16	e22	e7.0	e38	75	736	389	112	72	35
25	55	51	e18	e21	e7.4	e36	97	813	395	128	66	33
26	55	e49	e19	e20	e8.0	e35	125	1,040	413	120	60	32
27	52	e45	e20	e21	e8.5	e38	128	1,180	397	110	65	32
28	51	e41	e20	e21	e9.0	e40	125	1,350	357	104	59	30
29	51	e39	e21	e21	---	e44	120	1,520	329	98	62	29
30	52	e37	e20	e20	---	e51	110	1,780	322	91	161	28
31	53	---	e19	e19	---	e58	---	1,650	---	84	74	---
TOTAL	1,786	1,584	707	609	258.4	752.0	2,269	15,233	15,440	4,997	2,268	1,430
MEAN	57.6	52.8	22.8	19.6	9.23	24.3	75.6	491	515	161	73.2	47.7
MAX	68	62	34	23	20	58	128	1,780	1,550	316	161	73
MIN	51	37	16	18	5.8	9.0	40	73	293	84	57	28
AC-FT	3,540	3,140	1,400	1,210	513	1,490	4,500	30,210	30,630	9,910	4,500	2,840

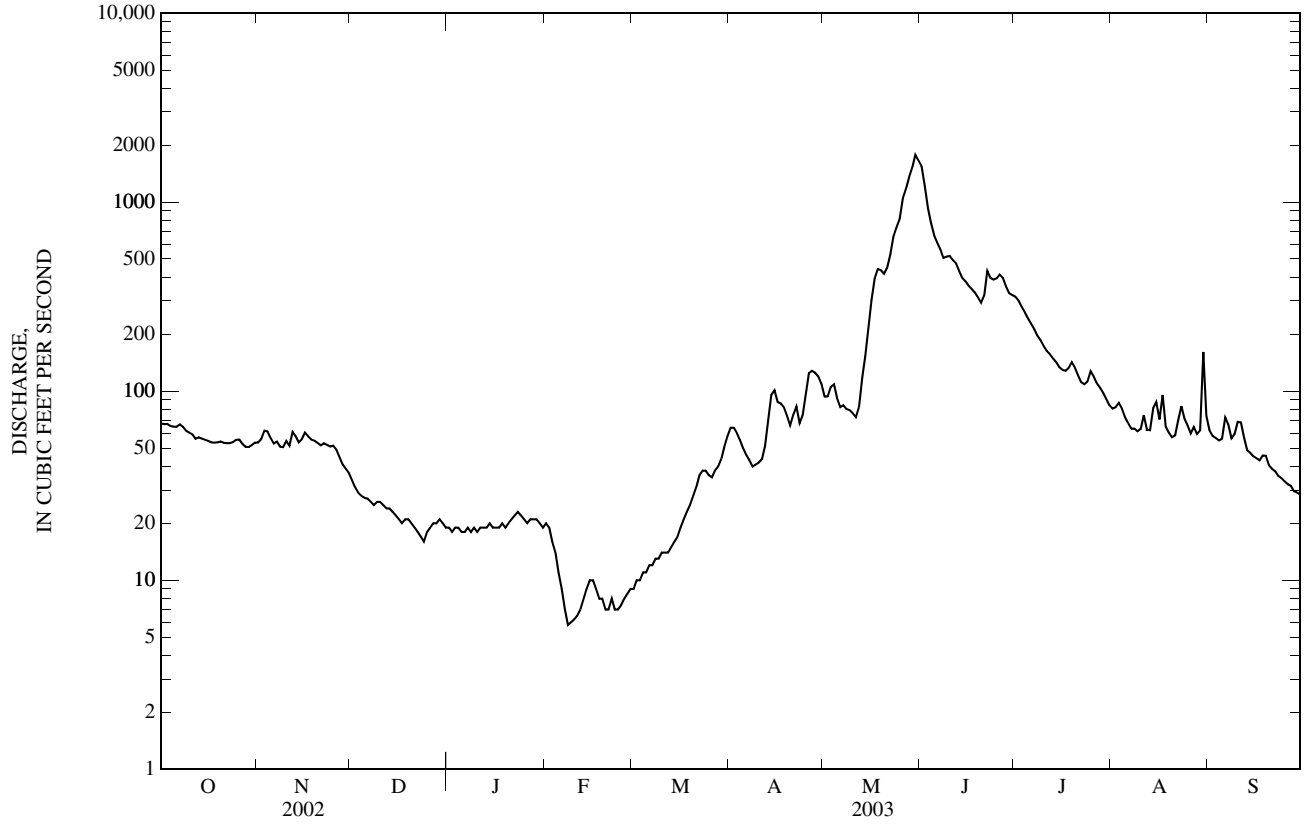
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2003, BY WATER YEAR (WY)

MEAN	52.7	40.1	32.0	26.8	23.2	24.4	51.7	399	737	318	104	66.7
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)

09217900 BLACKS FORK NEAR ROBERTSON, WY—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1966 - 2003	
ANNUAL TOTAL	22,725.0		47,333.4		--	
ANNUAL MEAN	62.3		130		157	
HIGHEST ANNUAL MEAN	--		--		228	1983
LOWEST ANNUAL MEAN	--		--		57.1	2002
HIGHEST DAILY MEAN	423	May 30	1,780	May 30	1,880	Jun 19, 1983
LOWEST DAILY MEAN	7.2[e]	Mar 1	5.8[e]	Feb 8	3.2	Apr 2, 1994
ANNUAL SEVEN-DAY MINIMUM	7.7	Feb 27	6.6	Feb 7	3.9	Apr 2, 1994
MAXIMUM PEAK FLOW	--		2,080	May 30	2,480 [a]	Jun 19, 1983
MAXIMUM PEAK STAGE	--		4.54	May 30	5.17[b]	Jun 15, 1995
ANNUAL RUNOFF (AC-FT)	45,080		93,890		113,600	
10 PERCENT EXCEEDS	159		369		471	
50 PERCENT EXCEEDS	37		55		45	
90 PERCENT EXCEEDS	9.8		14		21	

a Gage height, 4.91 ft, site and datum then in use.
b Discharge, 2,210 ft ^{3}/s.
e Estimated.



09220000 EAST FORK OF SMITHS FORK NEAR ROBERTSON, WY

LOCATION.--Lat 41° 03'15", long 100° 23'52", 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 south of Robertson.

DRAINAGE AREA.--53.0 mi^2.

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 Oct. 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.

REMARKS.--Records 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.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20	e17	e6.0	e6.0	e5.0	e4.0	5.2	3.9	111	111	72	33
2	17	e16	e6.0	e6.2	e4.7	e4.0	4.8	4.0	112	119	71	34
3	19	e16	e6.0	e6.6	e4.4	e4.0	5.0	4.1	118	119	69	35
4	19	e16	e6.0	e7.0	e4.0	e4.0	4.9	4.6	140	119	67	35
5	19	e17	e5.8	e7.0	e3.7	e4.0	4.8	4.8	158	119	53	35
6	19	e18	e6.0	e7.0	e3.5	e4.0	4.8	4.8	155	122	42	36
7	19	e17	e6.0	e7.0	e3.4	e4.0	4.5	5.3	152	122	41	35
8	19	e16	e6.4	e7.0	e3.0	e4.0	4.3	5.8	155	121	41	35
9	19	e16	e6.4	e7.0	e2.9	e4.1	4.2	6.5	155	121	41	33
10	19	e17	e6.8	e7.0	e2.7	e4.2	4.2	12	155	121	41	32
11	19	e17	e6.2	e7.0	e2.6	e4.3	4.1	7.2	155	120	41	31
12	19	e18	e5.8	e7.0	e2.8	e4.3	4.0	7.6	155	120	41	31
13	19	e17	e6.0	e7.0	e3.0	4.5	3.8	9.2	155	120	41	31
14	19	e16	e6.0	e6.8	e3.2	4.7	3.8	9.4	155	117	41	31
15	19	e16	e6.0	e6.6	e3.5	4.9	3.8	9.2	155	116	41	31
16	19	e16	e6.0	e6.6	e3.5	4.9	3.8	9.4	152	115	41	38
17	19	e16	e5.6	e6.6	e3.5	5.0	3.7	9.6	145	112	41	47
18	15	e16	e6.0	e6.4	e3.4	5.0	3.5	9.6	139	111	40	47
19	16	e15	e6.0	e6.4	e3.3	4.9	3.5	37	139	111	37	46
20	16	e14	e6.0	e6.0	e3.4	5.2	3.4	67	139	108	33	45
21	16	e13	e6.0	e6.0	e3.4	5.1	3.4	74	142	107	33	45
22	16	e12	e6.0	e6.0	e3.4	5.1	3.5	83	141	102	33	45
23	16	e11	e6.0	e6.0	e3.4	5.2	3.5	86	143	94	33	52
24	16	e10	e6.0	e6.0	e3.6	5.4	3.4	88	127	94	33	61
25	16	e9.0	e5.6	e5.8	e3.8	5.4	3.4	93	106	94	33	58
26	16	e8.0	e5.3	e5.6	e3.9	5.4	3.4	95	105	92	33	60
27	16	e7.0	e5.6	e5.6	e4.0	5.5	3.4	101	104	92	33	61
28	16	e6.0	e5.8	e5.4	e4.0	5.6	3.4	106	103	91	33	60
29	12	e6.4	e6.0	e5.4	---	5.7	3.4	120	103	77	33	60
30	e14	e6.0	e6.4	e5.4	---	5.5	3.8	127	103	74	34	43
31	e16	---	e6.2	e5.4	---	5.6	---	119	---	75	33	---
TOTAL	539	415.4	185.9	196.8	99.0	147.5	118.7	1,323.0	4,077	3,336	1,299	1,266
MEAN	17.4	13.8	6.00	6.35	3.54	4.76	3.96	42.7	136	108	41.9	42.2
MAX	20	18	6.8	7.0	5.0	5.7	5.2	127	158	122	72	61
MIN	12	6.0	5.3	5.4	2.6	4.0	3.4	3.9	103	74	33	31
AC-FT	1,070	824	369	390	196	293	235	2,620	8,090	6,620	2,580	2,510

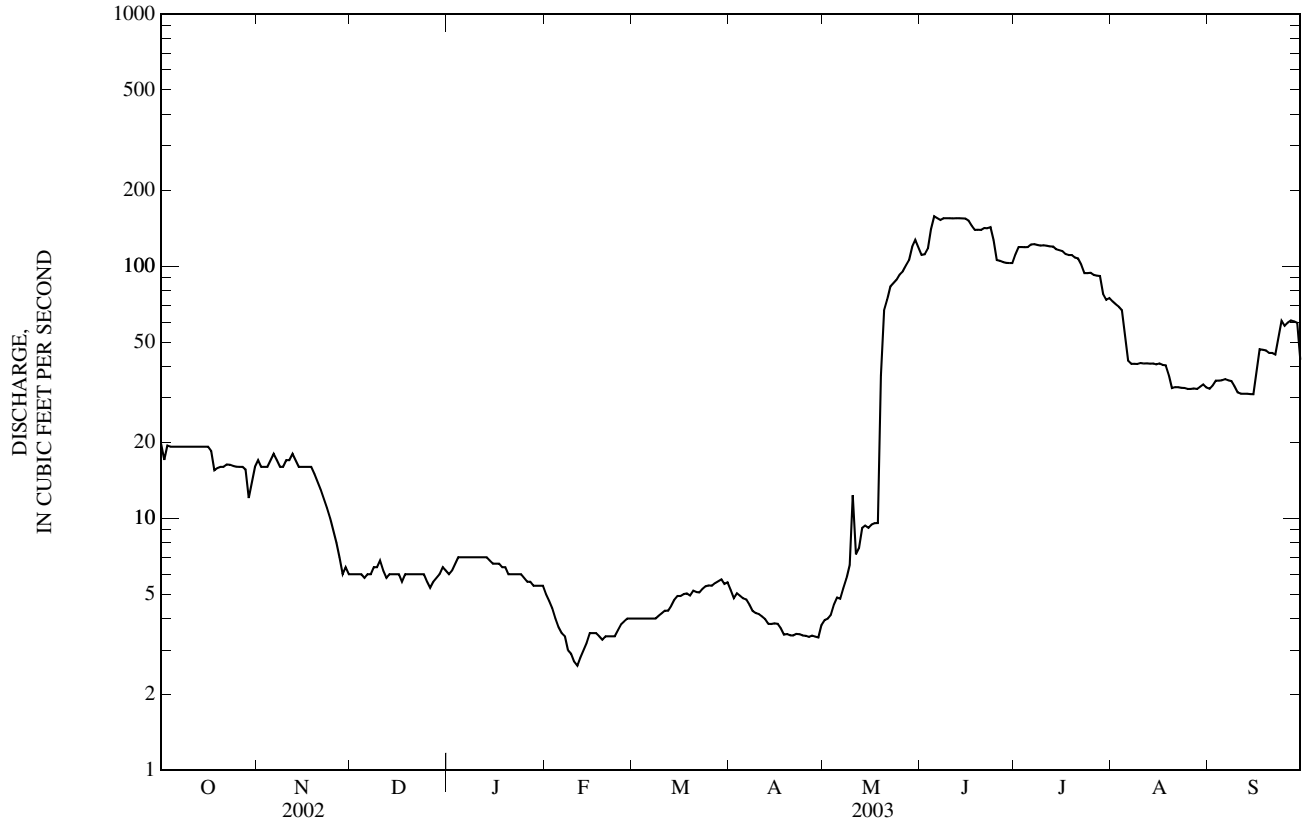
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2003, BY WATER YEAR (WY)

MEAN	16.0	10.9	7.98	7.14	7.06	7.88	18.6	103	213	105	42.0	27.9
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)	(1637)	(1982)	(1983)	(1954)	(1940)	(1940)	(1956)

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

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1939 - 2003	
ANNUAL TOTAL	9,042.7		13,003.3		--	
ANNUAL MEAN	24.8		35.6		46.1	
HIGHEST ANNUAL MEAN	--		--		88.9	1965
LOWEST ANNUAL MEAN	--		--		24.1	2002
HIGHEST DAILY MEAN	230	Jun 1	158	Jun 5	1,200	Jun 24, 1983
LOWEST DAILY MEAN	5.3[e]	Dec 26	2.6[e]	Feb 11	1.0	Dec 17, 1962
ANNUAL SEVEN-DAY MINIMUM	5.8	Dec 22	2.9	Feb 8	1.0	Dec 17, 1962
MAXIMUM PEAK FLOW	--		158 [a]	Jun 4-6	1,450	Jun 10, 1965
MAXIMUM PEAK STAGE	--		5.38[b]	Nov 4	6.75	Jun 10, 1965
ANNUAL RUNOFF (AC-FT)	17,940		25,790		33,420	
10 PERCENT EXCEEDS	66		118		138	
50 PERCENT EXCEEDS	11		15		13	
90 PERCENT EXCEEDS	6.0		3.8		5.6	

a Gage height, 4.91 ft.
b Backwater from ice.
e. Estimated.



09222000 BLACKS FORK NEAR LYMAN, WY

LOCATION.--Lat 41° 27'08", long 110° 10'20", in SW1/4NW1/4SW1/4 sec.15, T.17N., R.113W., Uinta County, Hydrologic Unit 14040107, 200 ft downstream from bridge on old U.S. Highway 30S, 8.5 mi downstream from Smiths Fork, and 11 mi northeast of Lyman.

DRAINAGE.--821 mi^2.

PERIOD OF RECORD.--Water years 1962 to 1989, October 1995 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1962 to September 1983.
WATER TEMPERATURES: May 1962 to September 1983.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

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 uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	E coli, m-TEC MF, water, col/ 100 mL (31633)	Fecal coliform, M-FC 0.7u MF col/ 100 mL (31625)	Suspended sediment concentration mg/L (80154)	Suspended sediment load, tons/d (80155)
JAN													
14...	1350	14	609	13.2	114	8.2	1,540	6.0	0.0	<1	<1	207	7.9
MAR													
26...	1340	23	594	10.0	91	8.0	1,590	6.0	1.0	E3k	E10k	1,360	85
JUN													
19...	1645	55	601	6.9	95	8.1	1,410	15.0	19.0	200	215	229	34
AUG													
14...	1510	24	610	8.2	133	7.9	1,740	34.0	28.0	50	E70k	168	11

E -- Estimated value
k -- Counts outside acceptable range (Non-ideal colony count)

09223000 HAMS FORK BELOW POLE CREEK, NEAR FRONTIER, WY

LOCATION.--Lat 42° 06'38", long 110° 42'32", in NE$^{1}/_{4}$ SE$^{1}/_{4}$ NW$^{1}/_{4}$ sec.35, T.25 N., R.117 W., Lincoln County, Hydrologic Unit 14040107, on left bank 2.0 mi downstream from Pole Creek, 4.6 mi upstream from Taylor Creek, and 22 mi northwest of Frontier.

DRAINAGE AREA.--128 mi^2.

PERIOD OF RECORD.--October 1952 to current year. Prior to October 1970, published as "near Elk Creek ranger station."

GAGE.--Water-stage recorder. Elevation of gage is 7,455 ft above NGVD of 1929, from topographic map. October 1952 to September 2, 1971, at site 270 ft upstream at present datum, September 3, 1971 to July 30, 1980, at site 150 ft upstream at present datum. National Weather Service data collection platform with satellite telemetry at station.

REMARKS.--Records good except those for May 29 to July 1 which are fair and those for estimated daily discharges, which are poor. No diversion upstream from station.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	11	e13	e9.0	e12	e8.0	e80	75	347	46	11	13
2	20	e11	e14	e8.6	e13	e7.6	e78	72	312	44	11	11
3	21	e12	e15	e8.8	e10	e8.0	e76	77	281	41	12	10
4	21	e12	e14	e9.0	e9.0	e7.8	e74	79	258	40	17	10
5	20	e13	e14	e9.4	e8.0	e8.2	e74	80	251	39	14	9.9
6	22	e14	e13	e9.6	e7.0	e8.6	e72	67	214	36	12	11
7	21	e15	e12	e9.6	e6.4	e8.8	e70	57	192	36	11	12
8	19	e16	e12	e9.4	e6.6	e9.0	e68	62	189	35	10	12
9	18	e15	e12	e9.0	e6.4	e8.6	e68	74	141	33	12	11
10	18	e14	e11	e8.6	e6.5	e8.8	e70	70	133	32	12	17
11	17	e13	e10	e8.2	e6.6	e9.0	e74	72	124	31	9.9	20
12	16	e12	e10	e8.4	e7.0	e10	e80	65	111	29	9.6	15
13	15	e13	e10	e8.8	e7.4	e11	86	77	105	27	9.6	12
14	15	e14	e11	e9.0	e7.8	e12	105	103	98	25	9.8	11
15	14	e13	e12	e9.4	e8.2	e14	109	148	86	23	14	11
16	13	e12	e12	e9.0	e8.4	e15	82	168	82	22	13	11
17	13	e12	e11	e8.6	e8.0	e18	78	201	80	23	11	11
18	13	e12	e10	e8.4	e8.4	e20	72	184	78	23	11	15
19	12	e13	e9.8	e8.6	e8.0	e23	72	170	73	22	10	14
20	12	e14	e9.6	e8.8	e7.8	e27	83	150	72	22	9.7	13
21	11	e13	e10	e9.0	e8.2	e30	102	148	79	21	8.8	12
22	11	e12	e10	e9.2	e8.4	e35	99	186	73	18	11	11
23	12	e12	e10	e9.4	e7.4	e38	83	231	69	17	13	10
24	16	e11	e9.2	e9.0	e6.2	e36	86	261	70	17	12	10
25	18	e11	e8.8	e9.2	e6.8	e35	128	260	89	17	11	9.9
26	18	e11	e9.0	e9.4	e7.2	e38	145	281	77	33	9.7	10
27	17	e12	e9.2	e9.6	e7.4	e40	97	294	63	29	9.1	10
28	16	e12	e9.6	e9.8	e7.8	e47	86	308	56	23	9.7	11
29	15	e12	e9.4	e10	---	e50	92	346	53	e22	8.8	11
30	18	e12	e9.4	e10	---	e60	86	377	51	e17	13	12
31	11	---	e9.2	e11	---	e70	---	375	---	e12	17	---
TOTAL	500	379	339.2	283.8	221.9	721.4	2,575	5,118	3,907	855	352.7	356.8
MEAN	16.1	12.6	10.9	9.15	7.92	23.3	85.8	165	130	27.6	11.4	11.9
MAX	22	16	15	11	13	70	145	377	347	46	17	20
MIN	11	11	8.8	8.2	6.2	7.6	68	57	51	12	8.8	9.9
AC-FT	992	752	673	563	440	1,430	5,110	10,150	7,750	1,700	700	708

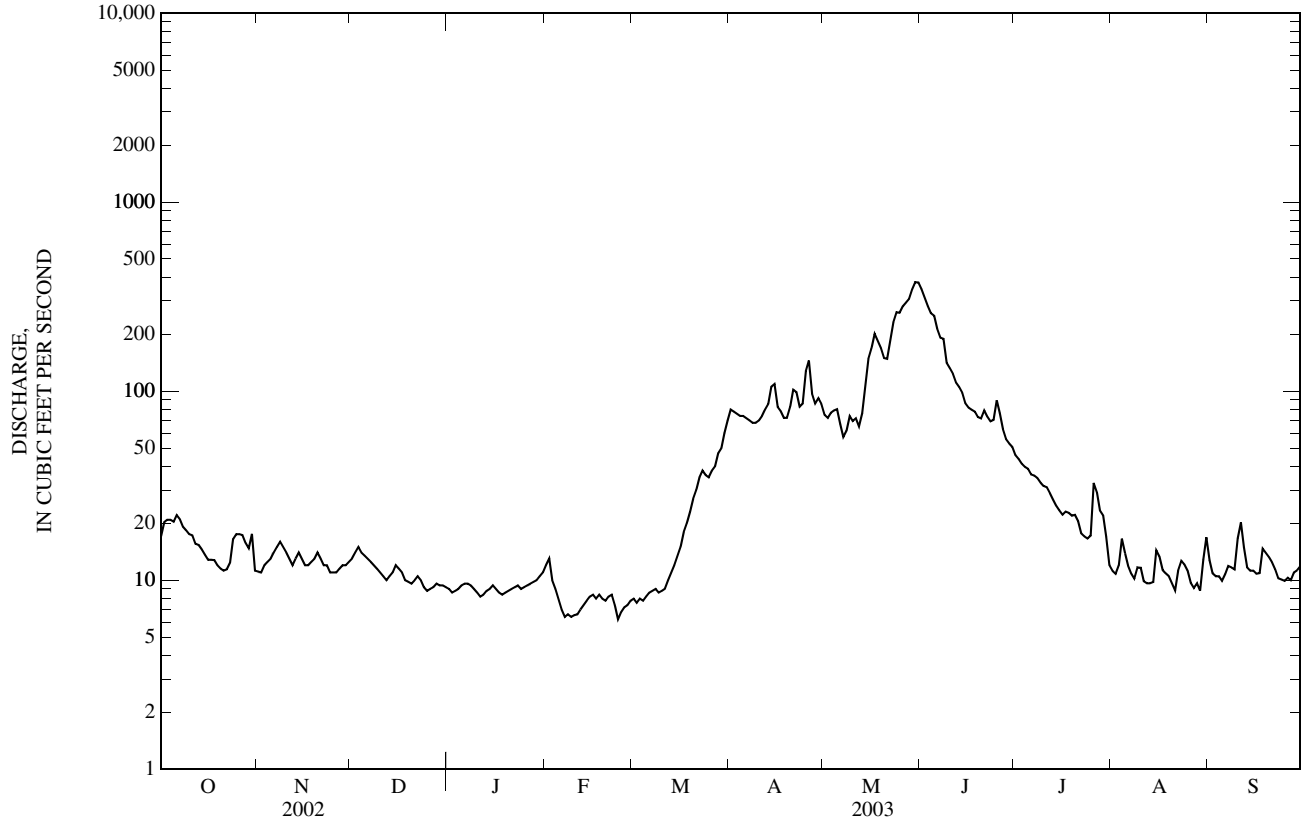
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1953 - 2003, BY WATER YEAR (WY)

MEAN	21.9	19.2	16.0	14.6	15.0	20.8	102	407	384	94.3	28.9	21.0
MAX	54.2	34.4	27.8	26.4	29.1	38.2	398	970	1,039	296	64.0	51.9
(WY)	(1983)	(1983)	(1984)	(1984)	(1958)	(1958)	(1971)	(1971)	(1986)	(1975)	(1983)	(1984)
MIN	8.44	9.37	8.58	6.23	5.61	6.77	19.8	40.5	24.0	9.32	4.55	5.56
(WY)	(2002)	(1961)	(2002)	(1967)	(1967)	(1965)	(1975)	(1977)	(1977)	(1977)	(2001)	(2001)

09223000 HAMS FORK BELOW POLE CREEK, NEAR FRONTIER, WY—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1953 - 2003	
ANNUAL TOTAL	14,390.7		15,609.8		--	
ANNUAL MEAN	39.4		42.8		95.7	
HIGHEST ANNUAL MEAN	--		--		214	1971
LOWEST ANNUAL MEAN	--		--		17.7	1977
HIGHEST DAILY MEAN	274	Jun 2	377	May 30	2,000	Jun 5, 1986
LOWEST DAILY MEAN	4.8	Aug 26,27	6.2[e]	Feb 24	0.10	Aug 17, 1977
ANNUAL SEVEN-DAY MINIMUM	6.0	Aug 21	6.6	Feb 6	0.62	Aug 11, 1977
MAXIMUM PEAK FLOW	--		391	May 30	2,230 [a]	Jun 5, 1986
MAXIMUM PEAK STAGE	--		4.04	May 30	8.10[b]	May 28, 1971
ANNUAL RUNOFF (AC-FT)	28,540		30,960		69,310	
10 PERCENT EXCEEDS	133		100		293	
50 PERCENT EXCEEDS	12		13		22	
90 PERCENT EXCEEDS	7.1		8.6		12	

a Gage height, 6.72 ft.
b Site then in use.
e Estimated.



09224050 HAMS FORK NEAR DIAMONDVILLE, WY

LOCATION.--Lat 41° 45'06", long 110° 31'57", in NW1/4SE1/4SW1/4 sec.36, T.21 N., R.116 W., Lincoln County, Hydrologic Unit 14040107, at bridge on U.S. Highway 30 North, 1.9 mi south of Diamondville, and 2.8 mi south of Kemmerer.

PERIOD OF RECORD.--Water years 1974 to September 1989, October 1992 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

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 uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phosphate, water, fltrd, mg/L as P (00671)
JAN													
14...	1130	19	610	9.8	84	7.9	525	6.0	0.0	<0.04	0.28	<0.008	0.04
MAR													
26...	1645	36	585	9.1	84	8.2	588	-4.0	1.0	<0.04	0.56	<0.008	0.04
JUN													
18...	1605	84	600	10.0	145	8.2	421	26.0	21.5	<0.04	0.09	<0.008	E.01
AUG													
13...	1640	16	600	11.0	164	8.0	406	29.0	23.0	<0.04	0.38	0.012	0.05

Date	E coli, m-TEC MF, water, col/ 100 mL (31633)	Fecal coli-form, M-FC 0.7u MF col/ 100 mL (31625)
JAN		
14...	57	180
MAR		
26...	20	62
JUN		
18...	E11k	E14k
AUG		
13...	E12k	20

E -- Estimated value
k -- Counts outside acceptable range (Non-ideal colony count)

09224700 BLACKS FORK NEAR LITTLE AMERICA, WY

LOCATION.--Lat 41° 32'46", long 109° 41'34", in NE¼ NE¼ NE¼ sec.15, T.18 N., R.109 W., Sweetwater County, Hydrologic Unit 14040107, on right bank 200 ft upstream from bridge on U.S. Highway 30, 4.2 mi upstream from Meadow Springs Wash, and 8.5 mi east of Little America.

DRAINAGE AREA.--3,100 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1962 to current year.

GAGE.--Water-stage recorder. Datum of gage is 6,127.66 ft above NGVD of 1929. National Weather Service data collection platform with satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Natural flow of stream affected by regulation from Meeks Cabin Reservoir, capacity, 32,470 acre-ft, since June 1971, Viva Naughton Reservoir, capacity, 42,400 acre-ft, from State Line Reservoir, capacity, 14,000 acre-ft, since April 1980, numerous smaller reservoirs, and diversions for upstream mines and irrigation of about 76,100 acres upstream from station.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	e9.0	e20	9.9	e54	35	58	10	68	142	26	30
2	0.00	e7.0	e20	9.5	e43	e36	54	9.2	66	111	20	34
3	0.00	e5.0	e17	9.4	e32	e39	47	8.2	56	88	15	21
4	45	e4.5	e17	9.4	e23	e40	35	8.2	43	64	12	15
5	53	e4.0	e19	10	e20	e41	40	8.2	35	54	10	10
6	28	e5.5	e19	11	e17	e42	48	8.2	34	50	9.3	8.4
7	21	e7.0	e20	12	e16	e45	44	8.4	35	45	18	6.7
8	17	e8.0	e18	13	e18	e49	34	9.4	37	43	16	6.1
9	13	e14	e17	13	e22	e53	29	9.9	41	39	14	19
10	6.4	e12	e16	14	e25	e60	26	14	44	36	11	23
11	3.4	e13	e17	e15	30	e90	24	26	38	33	7.3	18
12	4.7	e16	e19	e16	27	e230	22	115	31	29	6.8	14
13	5.3	e20	e20	e18	27	365	19	115	29	27	7.4	13
14	5.4	e23	e19	e20	31	365	18	80	31	25	6.2	11
15	5.9	e21	e19	e19	e33	371	17	54	33	22	4.8	7.8
16	6.7	e20	e20	e16	e36	337	15	38	48	19	4.3	6.6
17	6.7	e21	e20	e18	e34	241	13	30	77	16	6.7	5.7
18	5.8	e21	e19	e19	e32	196	13	24	77	15	120	4.7
19	5.4	e23	e17	e20	e30	158	13	18	70	15	87	5.2
20	6.0	e21	e15	e24	e31	130	13	30	62	16	42	5.9
21	6.7	e21	e17	e26	e37	123	13	55	64	16	32	5.8
22	6.7	e22	16	e30	e40	143	12	69	75	17	20	7.7
23	8.4	e23	15	e32	e34	136	13	54	155	17	13	8.9
24	8.0	e26	14	e34	e27	118	13	45	652	19	8.9	8.6
25	8.0	e22	10	e36	e30	102	13	52	1,680	20	5.4	6.8
26	8.6	e18	8.5	e40	e37	86	12	70	1,120	20	6.8	5.9
27	10	e17	6.3	e44	e38	87	10	68	614	16	5.9	4.7
28	13	e17	5.2	e48	37	79	11	54	395	55	4.1	5.1
29	13	e18	9.2	e43	---	61	11	46	269	55	3.5	5.7
30	9.9	e19	11	e40	---	62	11	54	195	42	3.6	4.9
31	10	---	11	e46	---	60	---	71	---	33	5.9	---
TOTAL	341.00	478.0	491.2	715.2	861	3,980	701	1,261.7	6,174	1,199	552.9	329.2
MEAN	11.0	15.9	15.8	23.1	30.8	128	23.4	40.7	206	38.7	17.8	11.0
MAX	53	26	20	48	54	371	58	115	1,680	142	120	34
MIN	0.00	4.0	5.2	9.4	16	35	10	8.2	29	15	3.5	4.7
AC-FT	676	948	974	1,420	1,710	7,890	1,390	2,500	12,250	2,380	1,100	653

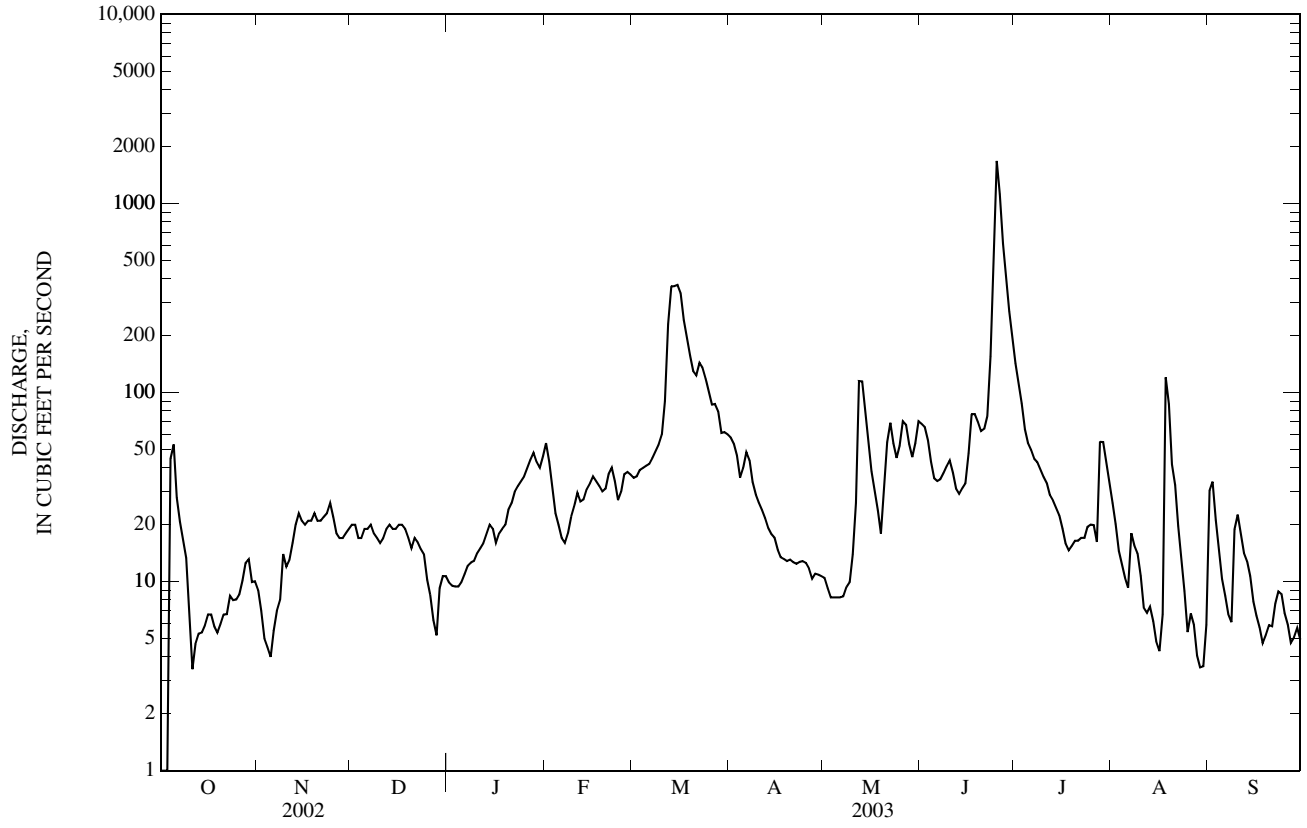
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2003, BY WATER YEAR (WY)

MEAN	95.9	103	74.8	77.6	108	331	481	913	1,039	308	106	82.9
MAX	376	336	230	371	318	912	1,310	2,918	4,573	1,349	542	576
(WY)	(1983)	(1983)	(1984)	(1971)	(1984)	(1997)	(1973)	(1984)	(1983)	(1975)	(1983)	(1983)
MIN	7.05	13.0	5.44	3.94	11.1	33.9	23.4	21.1	14.0	2.86	0.000	0.000
(WY)	(1980)	(2002)	(1995)	(1991)	(2002)	(1964)	(2003)	(1977)	(1977)	(2002)	(2002)	(1994)

09224700 BLACKS FORK NEAR LITTLE AMERICA, WY—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1962 - 2003	
ANNUAL TOTAL	8,942.26		17,084.20		--	
ANNUAL MEAN	24.5		46.8		311	
HIGHEST ANNUAL MEAN	--		--		888	1983
LOWEST ANNUAL MEAN	--		--		23.2	2002
HIGHEST DAILY MEAN	450 [e]	Mar 30	1,680	Jun 25	9,340	Jun 13, 1965
LOWEST DAILY MEAN	0.00	Many days	0.00	Oct 1-3	0.00	Many days, several years
ANNUAL SEVEN-DAY MINIMUM	0.00	Jul 18	5.0	Aug 25	0.00	Several years
MAXIMUM PEAK FLOW	--		1,760	Jun 25	9,980 [a]	Jun 13, 1965
MAXIMUM PEAK STAGE	--		7.22	Jun 25	11.18[b]	Mar 13, 1997
ANNUAL RUNOFF (AC-FT)	17,740		33,890		225,300	
10 PERCENT EXCEEDS	60		76		896	
50 PERCENT EXCEEDS	11		20		110	
90 PERCENT EXCEEDS	0.00		6.3		16	

a Gage height, 10.90 ft.
b Backwater from ice.
e Estimated.



09224700 BLACKS FORK NEAR LITTLE AMERICA, WY—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1951 to 2003 (discontinued).

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: March 1951 to September 1999.
WATER TEMPERATURES: March 1951 to September 1963, December 1964 to September 19999.

REMARKS.--Published as "near Green River" prior to October 1953 and as "near Marston" October 1953 to September 1964. Partial record of specific conductance and temperature for water years 1979 and 1980 are available at District Office.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 6,010 microsiemens/cm, Oct. 1, 1953; minimum daily, 194 microsiemens/cm, May 17, 1984.
WATER TEMPERATURES: Maximum, 40.0° C, July 31, Aug. 1-4, 1984; minimum, 0.0° C on many days during winter period most years.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)
OCT													
31...	1205	9.4	636	1,810	-1.0	0.5	590	145	55.7	4.23	4	200	190
NOV													
19...	1055	26	--	1,450	6.0	0.0	480	122	43.6	3.03	3	147	E214
JAN													
24...	1130	34	--	--	4.0	0.0	460	116	40.9	4.02	3	143	234
FEB													
28...	1115	37	--	1,620	2.0	0.0	520	123	51.3	6.30	3	162	264

Date	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue water, fltrd, tons/acre-ft (70303)	Residue water, fltrd, tons/d (70302)	Boron, water, fltrd, ug/L (01020)	Iron, water, fltrd, ug/L (01046)
OCT									
31...	63.3	0.54	3.8	722	1,310	1.78	33.2	467	<10
NOV									
19...	49.4	0.52	5.6	506	--	--	--	430	<10
JAN									
24...	67.8	0.49	4.1	416	933	1.27	86.7	719	<10
FEB									
28...	102	0.47	2.8	488	1,090	1.49	110	749	<10

E -- Estimated value

09229500 HENRYS FORK NEAR MANILA, UT

LOCATION.--Lat 41° 00'45", long 109° 40'20", in NW1/4 NW1/4 sec.23, T.12 N., R. 109 W., Sweetwater County, WY, Hydrologic Unit 14040106, on right bank 0.8 mi north of Wyoming-Utah State line, 1.3 mi upstream from normal high-water line of Flaming Gorge Reservoir at elevation 6,045 ft, and 3.0 mi northeast of Manila, UT.

DRAINAGE AREA.--520 mi^2, approximately.

PERIOD OF RECORD.--October 1928 to September 1993, May 2001 to current year. Prior to October 1971, published as "at Linwood, UT."

REVISED RECORDS.--WSP 1443: 1955. WDR WY-76-2: 1970. WDR WY-92-1: 1991.

GAGE.--Water-stage recorder. Elevation of gage is 6,060 ft above NGVD of 1929, from topographic map. Prior to October 1, 1957, nonrecording gages or water-stage recorder at several sites and 2.0 mi downstream at various datums. October 1, 1957 to December 2, 1965, water-stage recorders at sites about 1.0 mi upstream at different datums. U.S. Geological Survey data collection platform with satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Peoples Irrigation Canal diverts 5.9 mi upstream. Natural flow of stream affected by transbasin diversions, small storage reservoirs, diversions for irrigation, and return flow from irrigated areas.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.7	e20	e32	e29	e41	35	71	4.4	900	47	14	19
2	8.5	e19	e32	e29	e40	32	68	4.3	600	40	14	17
3	20	e18	e31	e30	e38	30	58	4.5	378	35	13	16
4	21	e19	e32	e32	e38	27	40	4.3	217	32	16	16
5	17	e20	e31	e34	e38	25	40	4.1	144	24	15	15
6	14	e21	e31	e36	e36	26	46	4.1	111	21	15	20
7	12	e23	e32	e38	e34	28	39	4.2	85	21	14	24
8	11	e26	e31	e36	e32	31	31	4.4	78	24	13	20
9	9.7	e29	e33	e36	e32	39	28	4.6	67	19	15	17
10	9.7	e28	e32	e35	e36	41	20	7.3	52	18	16	16
11	11	e27	e31	e36	e38	46	5.2	32	50	17	17	14
12	12	e26	e30	e38	e40	39	3.0	36	46	17	20	12
13	10	e28	e31	e40	e38	53	2.8	29	52	17	20	11
14	10	e27	e32	e41	e40	67	3.3	13	57	16	18	11
15	10	e27	e31	e42	e42	53	3.8	8.5	45	16	18	11
16	9.8	e26	e30	e40	e41	57	4.4	9.7	39	15	18	11
17	10	e29	e31	e41	e43	51	3.6	12	37	16	27	11
18	10	e28	e29	e42	e41	50	3.7	18	34	16	21	11
19	10	e27	e27	e43	e40	50	4.0	33	33	16	17	12
20	10	e28	e25	e44	e40	45	4.1	50	32	15	14	11
21	10	e30	e25	e43	e40	53	3.8	45	35	16	14	11
22	10	e34	e26	e41	e41	56	3.4	45	81	15	14	9.8
23	13	e32	e27	e40	e38	97	3.1	79	84	15	15	9.5
24	16	e32	e27	e38	e36	89	3.5	123	416	14	18	8.1
25	15	e30	e26	e40	e34	72	3.5	176	279	13	17	7.1
26	15	e29	e28	e41	e32	69	3.4	252	105	13	14	6.0
27	15	e27	e30	e43	33	66	3.4	396	78	14	13	5.4
28	18	e28	e32	e44	37	47	3.5	524	69	15	13	5.4
29	e19	e30	e31	e43	---	52	3.8	634	56	13	13	5.1
30	e19	e31	e30	e44	---	60	4.0	1,090	48	14	26	4.8
31	e20	---	e30	e43	---	73	---	1,290	---	14	27	---
TOTAL	401.4	799	926	1,202	1,059	1,559	514.3	4,941.4	4,308	598	519	367.2
MEAN	12.9	26.6	29.9	38.8	37.8	50.3	17.1	159	144	19.3	16.7	12.2
MAX	21	34	33	44	43	97	71	1,290	900	47	27	24
MIN	5.7	18	25	29	32	25	2.8	4.1	32	13	13	4.8
AC-FT	796	1,580	1,840	2,380	2,100	3,090	1,020	9,800	8,540	1,190	1,030	728

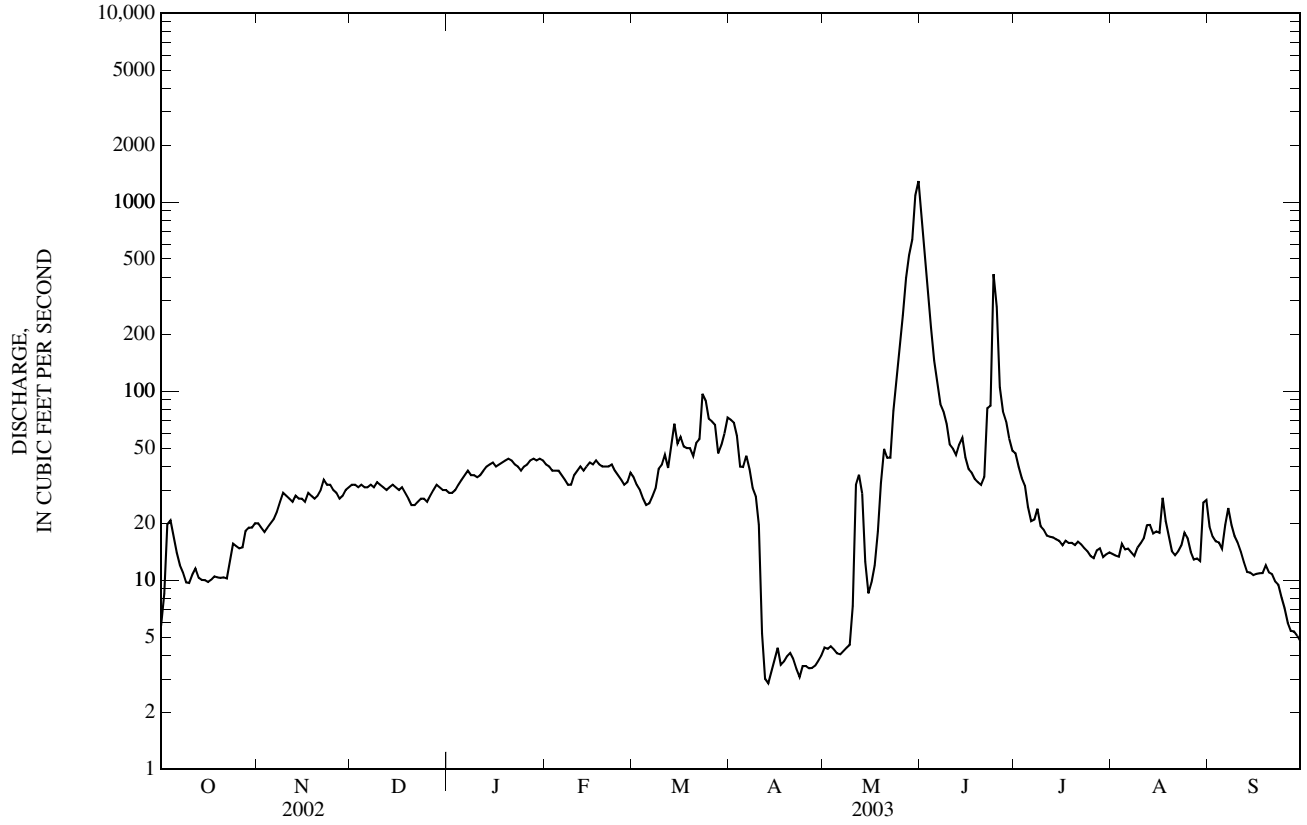
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2003, BY WATER YEAR (WY)

MEAN	46.2	54.7	47.4	42.7	45.9	69.2	83.5	153	271	91.4	49.1	33.4
MAX	176	117	105	103	88.6	165	196	541	1,375	703	323	191
(WY)	(1983)	(1984)	(1985)	(1984)	(1984)	(1929)	(1944)	(1984)	(1983)	(1975)	(1965)	(1929)
MIN	0.000	12.8	20.5	15.2	15.0	24.9	3.94	3.75	0.10	0.000	0.090	0.000
(WY)	(1935)	(1935)	(1933)	(1933)	(1933)	(1957)	(1935)	(2002)	(1934)	(1934)	(1940)	(1934)

09229500 HENRYS FORK NEAR MANILA, UT—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1929 - 2003	
ANNUAL TOTAL	7,201.57		17,194.3		--	
ANNUAL MEAN	19.7		47.1		82.3	
HIGHEST ANNUAL MEAN	--		--		273	1983
LOWEST ANNUAL MEAN	--		--		16.5	1934
HIGHEST DAILY MEAN	104	Mar 23	1,290	May 31	3,780	Jun 13, 1965
LOWEST DAILY MEAN	0.69	Aug 17	2.8	Apr 13	0.00	Sep 20, 1933
ANNUAL SEVEN-DAY MINIMUM	0.74	Aug 13	3.4	Apr 22	0.00	Jun 6, 1934
MAXIMUM PEAK FLOW	--		2,100	May 30	6,750 [a]	Aug 3, 1936
MAXIMUM PEAK STAGE	--		5.86	May 30	9.42[b]	Jul 15, 1959
ANNUAL RUNOFF (AC-FT)	14,280		34,100		59,640	
10 PERCENT EXCEEDS	42		57		168	
50 PERCENT EXCEEDS	13		28		47	
90 PERCENT EXCEEDS	1.4		7.2		4.2	

a Gage height, 7.19 ft, site and datum then in use, from floodmarks, from rating curve extended 57 ft^3/s on basis of slope-area measurement of peak flow.
b Site and datum then in use. Discharge not determined.
e Estimated.



09234500 GREEN RIVER NEAR GREENDALE, UT

LOCATION.--Lat 40° 54'30", long 109° 25'20", in NW1/4 NW1/4 SE1/4 sec. 15. T. 2 N., R. 22 E., Daggett County, Hydrologic Unit 14040106, Ashley National Forest on right bank 0.5 mi downstream from Flaming Gorge Dam, 2 mi south of Dutch John, 4 mi northeast of Greendale, and 407 mi from mouth.

WATER-DISCHARGE RECORDS

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

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

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

GAGE.--Water-stage recorder. Datum of gage is 5,594.48 ft above NGVD of 1929, from topographic map. 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. Station operated and record provided by Utah District.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	855	875	e880	860	858	896	830	821	3,090	775	797	852
2	854	875	874	860	860	1,010	833	821	2,660	776	809	853
3	853	875	875	860	855	1,220	834	821	2,290	764	810	854
4	855	879	880	853	879	855	834	822	1,880	763	824	854
5	854	880	875	854	835	855	834	822	1,700	767	826	860
6	853	880	875	859	833	857	828	820	1,280	771	821	861
7	853	887	876	e846	1,180	1,110	827	820	822	755	822	860
8	853	883	876	e834	1,160	1,010	826	820	793	751	823	860
9	854	881	876	e834	1,260	854	823	817	786	757	823	863
10	1,040	881	875	835	901	851	812	813	786	753	823	861
11	870	880	875	835	883	1,070	819	813	788	756	822	862
12	871	879	874	838	813	850	820	813	788	754	819	864
13	869	880	869	835	1,090	849	813	813	787	754	826	867
14	868	875	868	832	1,050	850	821	813	787	755	824	868
15	869	882	869	835	828	849	825	813	787	758	822	874
16	870	882	868	836	828	851	827	814	785	777	827	873
17	870	882	869	837	1,190	848	827	814	795	797	831	875
18	870	884	871	837	1,190	863	827	945	788	798	830	876
19	869	879	870	839	1,050	845	828	3,140	786	798	830	874
20	869	878	870	838	840	846	827	4,550	785	799	833	876
21	869	881	869	840	854	847	826	4,580	787	799	838	866
22	939	882	873	841	864	852	826	4,580	787	800	839	1,030
23	996	882	888	852	856	842	827	4,580	787	802	840	1,220
24	1,030	879	862	856	1,040	839	826	4,580	785	886	839	895
25	895	866	862	855	1,140	842	827	4,580	774	832	839	899
26	875	875	862	856	1,500	840	827	4,590	774	820	843	885
27	875	e882	861	856	1,920	840	827	4,580	770	868	848	888
28	878	e882	860	858	1,980	841	827	4,160	768	786	849	890
29	877	e882	863	861	---	837	820	3,790	768	794	850	890
30	877	e882	861	858	---	832	821	3,780	768	785	851	915
31	878	---	859	855	---	830	---	3,430	---	774	853	---
TOTAL	27,408	26,390	26,985	26,245	29,537	27,481	24,769	69,755	31,731	24,324	25,731	26,665
MEAN	884	880	870	847	1,055	886	826	2,250	1,058	785	830	889
MAX	1,040	887	888	861	1,980	1,220	834	4,590	3,090	886	853	1,220
MIN	853	866	859	832	813	830	812	813	768	751	797	852
AC-FT	54,360	52,340	53,520	52,060	58,590	54,510	49,130	138,400	62,940	48,250	51,040	52,890

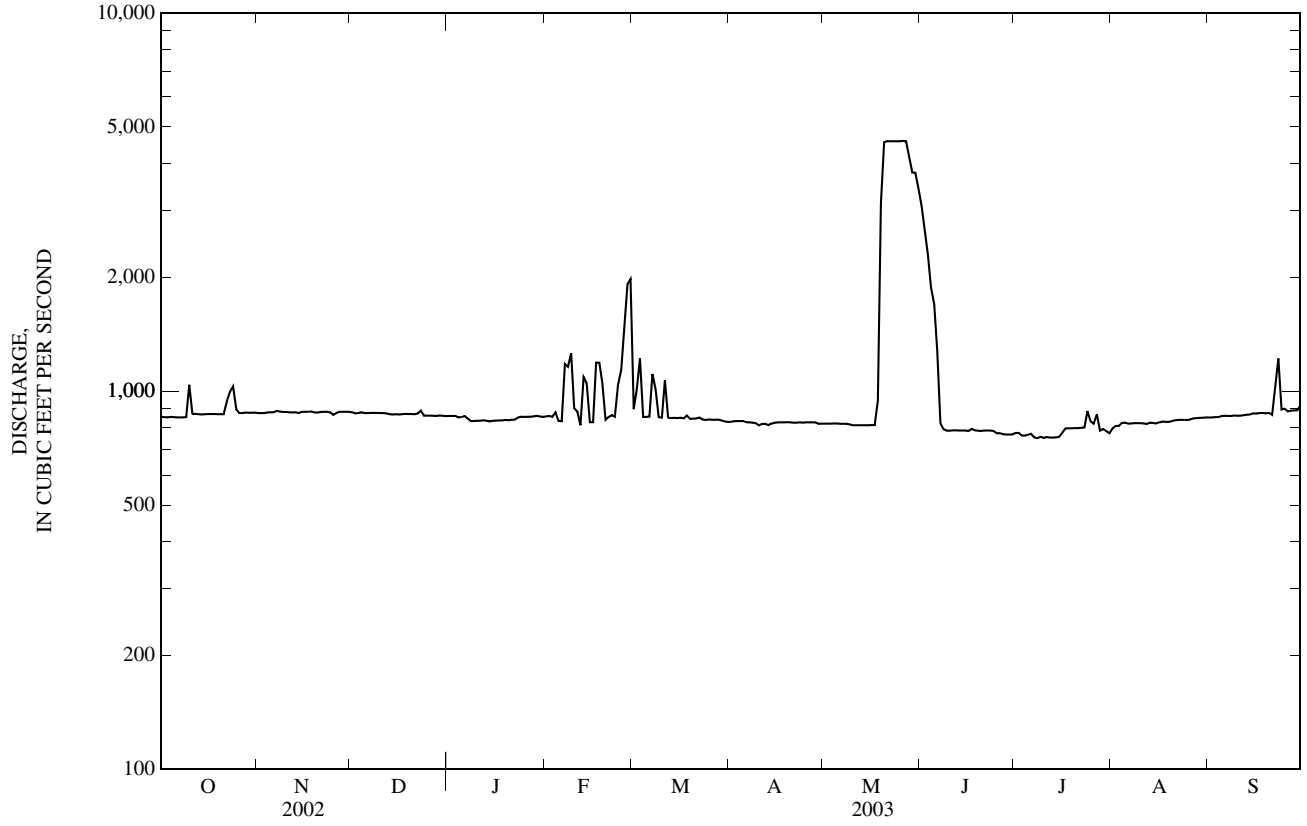
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2003, BY WATER YEAR (WY)

MEAN	1,850	2,001	2,180	2,106	2,089	1,782	1,915	2,503	2,500	2,266	1,946	1,824
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	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1964 - 2003	
ANNUAL TOTAL	346,127		367,021		--	
ANNUAL MEAN	948		1,006		2,080	
HIGHEST ANNUAL MEAN	--		--		4,270	1983
LOWEST ANNUAL MEAN	--		--		936	2002
HIGHEST DAILY MEAN	3,970	May 22-26	4,590	May 26	12,300	Jul 16, 1983
LOWEST DAILY MEAN	789	Sep 4	751	Jul 8	90	Oct 8, 1963
ANNUAL SEVEN-DAY MINIMUM	800	Sep 4	754	Jul 7	112	Oct 2, 1963
MAXIMUM PEAK FLOW	--		4,620	May 23	19,600 [a]	Jun 12, 1957[b]
MAXIMUM PEAK STAGE	--		11.80	May 23	14.51	May 12 and Jun 6, 1986[b]
ANNUAL RUNOFF (AC-FT)	686,500		728,000		1,507,000	
10 PERCENT EXCEEDS	882		1,040		3,710	
50 PERCENT EXCEEDS	842		854		1,800	
90 PERCENT EXCEEDS	814		787		864	

a Gage height, 10.60 ft.
b For period of operation, 1950 to current year, site and datum then in use.
e Estimated.



09234500 GREEN RIVER NEAR GREENDALE, UT--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1956 to September 1959, October 1963 to September 2000.
WATER TEMPERATURES: October 1956 to September 1959, October 1963 to September 2000, October 2001 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, and water years 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 seperate shelter 0.6 mi downstream from Flaming Gorge Dam. Instrument failure resulted in lost record for 1999.

EXTREMES FOR PERIOD OF DAILY RECORD.--(water years 1957-62, 1964-2000, 2002-2003).
SPECIFIC CONDUCTANCE (water years 1957-58, 1960-62): Maximum daily, 1,340 microsiemens, Aug 30, 1961; minimum daily, 325 microsiemens, Jun 2, 1961.
WATER TEMPERATURES (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 to 2000): Maximum daily, 1,060 microsiemens, Nov 9, 1971; minimum, 507 microsiemens, Jul 29, 1998.
WATER TEMPERATURES: (water years 1964 to 2000, 2002-2003): Maximum, 17.2° C, Jul 9, 1989; minimum 1.6° C, Mar 1, 2, 1987.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 14.9° C, Jul 31; minimum , 2.9° C, Dec 28, 29, Jan 10, 12, 17.

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	11.1	10.3	10.8	7.9	7.6	7.7	5.9	5.8	5.8	3.4	3.1	3.2
2	10.8	10.2	10.5	8.1	7.8	7.9	5.9	5.7	5.8	3.4	3.2	3.3
3	10.9	10.5	10.7	8.0	7.3	7.7	5.9	---	5.6	3.4	3.2	3.3
4	10.8	10.6	10.7	7.9	7.3	7.6	---	---	---	3.4	3.2	3.2
5	10.8	10.5	10.6	8.3	7.7	8.0	6.2	---	---	3.3	3.0	3.1
6	11.0	10.5	10.7	7.8	7.3	7.5	6.1	5.8	6.0	3.3	3.0	3.1
7	10.9	10.5	10.7	7.6	7.0	7.3	5.9	5.7	5.8	3.2	3.0	3.1
8	11.0	10.6	10.7	7.8	7.1	7.4	5.9	5.7	5.8	3.2	---	---
9	10.9	10.5	10.7	8.1	7.1	7.7	5.8	5.5	5.7	3.1	---	---
10	11.0	7.1	10.6	8.1	---	---	5.6	5.5	5.5	3.1	2.9	3.0
11	11.1	10.6	10.9	8.1	---	---	5.6	5.5	5.5	3.4	3.1	3.2
12	11.0	10.5	10.8	7.9	7.3	7.6	5.7	5.5	5.6	3.1	2.9	3.0
13	10.7	10.3	10.5	7.5	7.2	7.4	5.6	5.4	5.5	3.2	3.0	3.1
14	10.9	10.3	10.5	7.7	7.4	7.5	5.4	5.1	5.3	3.2	3.1	3.1
15	10.9	10.4	10.6	7.7	7.5	7.6	5.4	4.8	5.1	3.2	3.0	3.1
16	10.8	10.4	10.6	7.5	7.0	7.3	5.2	4.8	5.1	3.2	3.0	3.1
17	10.7	10.3	10.5	7.1	7.0	7.1	5.2	5.0	5.1	3.2	2.9	3.1
18	10.8	10.3	10.5	7.2	6.6	6.9	5.1	4.9	5.0	3.3	3.0	3.1
19	10.8	10.4	10.5	6.8	6.4	6.6	5.0	4.8	4.9	---	---	---
20	10.7	10.3	10.4	6.7	6.4	6.6	4.8	4.7	4.7	---	---	---
21	10.6	7.5	9.4	6.7	6.4	6.5	4.7	4.4	4.6	---	---	---
22	7.8	7.3	7.6	6.6	6.4	6.5	4.6	4.3	4.4	---	---	---
23	7.7	7.1	7.4	6.6	6.3	6.4	4.4	4.2	4.3	---	---	---
24	7.9	7.4	7.5	6.7	6.4	6.5	4.3	4.0	4.2	---	---	---
25	7.6	7.4	7.5	6.9	6.4	6.6	4.2	4.0	4.1	---	---	---
26	7.8	7.5	7.6	6.7	6.1	6.4	4.1	3.8	4.0	---	---	---
27	7.9	7.5	7.7	6.3	6.1	6.2	3.9	3.2	3.6	---	---	---
28	7.9	7.6	7.7	6.2	6.0	6.0	3.2	2.9	3.0	---	---	---
29	7.7	7.2	7.5	6.0	5.9	6.0	3.1	2.9	3.0	---	---	---
30	7.6	7.1	7.3	6.0	5.8	5.9	3.3	3.1	3.2	---	---	---
31	7.9	7.4	7.6	---	---	---	3.3	3.1	3.2	---	---	---
MONTH	11.1	7.1	9.6	8.3	5.8	7.0	6.2	2.9	4.8	3.4	2.9	3.1

09234500 GREEN RIVER NEAR GREENDALE, UT--Continued

TEMPERATURE, WATER, DEGREES CELSIUS--Continued
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	4.9	4.4	4.6	6.9	5.9	6.2
2	---	---	---	---	---	---	4.7	4.4	4.5	6.8	6.2	6.4
3	---	---	---	3.8	---	---	4.8	4.4	4.5	7.5	5.8	6.5
4	---	---	---	3.5	3.2	3.4	4.8	4.4	4.5	7.0	6.1	6.6
5	---	---	---	3.6	3.2	3.3	4.7	4.4	4.5	7.6	6.1	6.8
6	---	---	---	3.7	3.2	3.4	5.0	4.5	4.7	8.0	6.5	7.0
7	---	---	---	3.6	3.3	3.5	5.1	4.6	4.7	7.3	6.5	6.8
8	---	---	---	3.8	3.4	3.5	5.1	4.5	4.7	7.7	6.6	7.1
9	---	---	---	3.9	3.5	3.6	5.1	4.5	4.6	7.6	6.4	6.9
10	---	---	---	4.0	3.5	3.7	5.1	4.5	4.7	7.6	6.8	7.3
11	---	---	---	4.0	3.6	3.8	5.1	4.6	4.7	7.5	6.9	7.2
12	---	---	---	4.1	3.7	3.8	4.9	4.5	4.7	8.9	6.9	7.4
13	---	---	---	4.2	3.8	3.9	5.0	4.5	4.7	9.6	8.2	8.8
14	---	---	---	4.2	3.8	4.0	5.1	4.5	4.8	9.1	7.1	8.4
15	---	---	---	4.3	3.9	4.1	5.7	4.5	4.9	9.5	8.4	8.8
16	---	---	---	4.2	4.0	4.1	5.6	4.7	5.1	9.5	7.1	8.5
17	---	---	---	4.1	3.9	4.1	5.3	4.7	5.0	9.0	7.8	8.6
18	---	---	---	4.1	3.9	4.0	5.3	4.9	5.1	10.3	7.7	8.8
19	---	---	---	4.2	3.9	4.1	5.4	4.9	5.2	9.5	7.5	8.4
20	---	---	---	4.2	4.1	4.1	5.4	4.8	5.0	7.6	7.0	7.4
21	---	---	---	4.4	4.0	4.1	5.4	4.9	5.0	9.5	7.3	7.9
22	---	---	---	4.5	4.1	4.2	5.3	4.6	5.0	9.8	7.7	8.9
23	---	---	---	4.6	4.1	4.3	6.8	4.5	5.4	9.7	7.9	9.0
24	---	---	---	4.6	4.2	4.4	6.5	5.3	5.8	9.7	8.1	9.3
25	---	---	---	4.8	4.4	4.5	5.8	5.4	5.6	9.8	8.3	9.2
26	---	---	---	4.8	4.4	4.6	6.2	5.2	5.5	9.6	8.1	9.1
27	---	---	---	4.8	4.4	4.6	5.8	5.1	5.4	9.9	8.4	9.3
28	---	---	---	4.6	4.3	4.4	5.8	5.2	5.4	9.9	8.0	9.3
29	---	---	---	4.8	4.2	4.5	6.0	5.1	5.5	12.0	8.9	10.1
30	---	---	---	4.9	4.4	4.6	6.2	5.2	5.7	11.6	9.5	10.6
31	---	---	---	4.9	4.4	4.6	---	---	---	11.4	9.6	10.4
MONTH	---	---	---	4.9	3.2	4.0	6.8	4.4	5.0	12.0	5.8	8.2
		JUNE			JULY			AUGUST			SEPTEMBER	
1	12.4	9.7	11.0	13.1	11.1	12.2	12.3	11.5	12.0	13.3	12.6	12.9
2	12.7	10.3	11.7	11.7	10.9	11.3	12.6	12.0	12.2	13.5	11.3	12.4
3	12.6	10.6	11.5	11.7	10.9	11.1	12.4	12.1	12.2	11.8	10.7	11.3
4	12.2	10.6	11.4	11.7	10.9	11.2	12.7	11.7	12.2	12.1	10.5	11.3
5	11.2	9.6	10.5	11.7	10.9	11.3	12.4	11.7	11.9	12.4	11.6	11.9
6	13.1	10.2	11.5	13.3	11.0	11.5	12.4	11.8	12.2	12.4	11.5	11.9
7	11.8	10.3	11.2	14.7	13.3	14.1	12.6	12.0	12.4	11.9	11.3	11.6
8	12.0	10.9	11.6	14.7	11.0	13.1	12.4	11.4	11.9	13.1	11.0	11.8
9	12.6	11.4	12.0	12.8	10.4	11.3	12.2	11.6	11.9	12.9	10.6	12.1
10	12.4	11.2	11.8	11.6	10.7	11.1	12.5	11.8	12.1	13.4	12.4	12.9
11	12.5	11.1	11.6	11.9	11.0	11.4	12.7	12.1	12.3	13.4	11.8	12.7
12	12.7	10.3	11.4	12.4	11.5	11.9	12.4	11.6	12.1	14.1	11.8	12.7
13	12.7	11.1	11.8	11.8	11.0	11.5	12.8	11.8	12.2	14.1	12.1	13.3
14	12.8	11.5	12.0	12.4	10.2	11.5	12.8	11.9	12.3	12.6	12.0	12.2
15	13.1	10.7	11.8	12.4	11.6	11.9	13.2	12.1	12.6	12.6	12.0	12.3
16	14.0	11.2	12.5	12.2	11.5	11.8	13.5	12.2	12.9	12.9	11.7	12.2
17	14.1	10.7	12.6	12.4	11.6	12.0	13.5	12.4	12.9	12.3	10.6	11.6
18	14.2	11.2	12.7	12.5	11.7	12.1	12.9	11.8	12.3	12.3	10.4	11.2
19	14.4	11.6	13.4	12.3	11.7	12.1	12.6	11.7	12.1	10.9	10.3	10.4
20	14.3	12.6	13.5	12.6	12.0	12.2	13.4	12.1	12.5	11.5	10.3	10.8
21	14.1	12.6	13.3	12.3	11.9	12.0	12.7	12.3	12.5	11.5	10.9	11.3
22	12.8	11.7	12.2	12.6	11.7	12.2	12.6	11.3	12.0	11.7	10.7	11.2
23	12.5	11.5	12.1	12.9	12.2	12.4	12.0	10.9	11.5	12.0	10.9	11.4
24	12.5	11.5	12.0	13.9	7.2	12.4	11.8	10.7	11.1	11.8	11.0	11.5
25	12.7	11.6	12.2	13.1	10.8	12.1	12.2	10.6	11.4	12.1	11.0	11.5
26	13.9	11.8	12.6	11.4	10.8	11.0	11.7	10.9	11.3	12.4	11.7	12.1
27	13.5	12.6	13.2	12.8	10.9	11.6	12.0	11.0	11.6	12.2	11.4	11.8
28	13.4	12.6	13.0	11.7	10.9	11.3	12.6	11.9	12.2	11.7	11.4	11.5
29	13.2	12.5	12.8	12.0	11.2	11.6	13.3	11.9	12.4	12.0	11.5	11.7
30	12.9	12.2	12.5	12.7	11.0	11.7	13.3	12.6	12.9	12.4	10.9	11.5
31	---	---	---	14.9	11.2	12.1	13.3	12.3	12.7	---	---	---
MONTH	14.4	9.6	12.1	14.9	7.2	11.8	13.5	10.6	12.2	14.1	10.3	11.8

09253000 LITTLE SNAKE RIVER NEAR SLATER, CO

LOCATION.--Lat 40° 59'58", long 107° 08'34", in SW$^{1}/_{4}$ NW$^{1}/_{4}$ sec.15, T.12 N., R.87 W., Routt County, Hydrologic Unit 14050003, on left bank just downstream from highway bridge at Focus Ranch, 0.2 mi downstream from Spring Creek, and 12 mi east of Slater.

DRAINAGE AREA.--285 mi^{2}.

PERIOD OF RECORD.--October 1942 to September 1947, October 1950 to September 1999, April to current year.

REVISED RECORDS.--WSP 1733: 1960.

GAGE.--Water-stage recorder with satellite telemetry. Datum of gage is 6,831.00 ft above NGVD of 1929.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Diversions for irrigation of about 2,000 acres upstream from station. Station operated and record provided by the Colorado District.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20	23	e26	e29	e33	e28	51	387	2,000	164	27	22
2	22	26	e28	e28	e33	e34	67	332	1,650	162	25	20
3	28	25	e32	e29	e32	e33	66	367	1,270	150	24	19
4	23	20	32	e28	e32	e32	54	420	1,030	137	27	19
5	18	22	29	e28	e32	e30	49	389	860	127	27	19
6	15	19	28	e27	e33	e29	47	326	756	118	24	21
7	14	19	25	e26	e33	e28	47	338	697	111	22	27
8	15	21	24	e26	e34	e33	45	346	559	103	21	27
9	12	27	24	e26	e34	e31	51	325	541	92	21	26
10	9.3	27	26	e26	e32	e35	80	301	550	87	19	31
11	7.8	32	31	e27	e34	e40	124	254	572	80	19	57
12	8.2	27	e32	e28	e33	e44	146	279	501	74	21	48
13	6.8	26	e32	e27	e33	e50	194	437	479	67	22	33
14	6.7	25	e31	e26	e47	e53	291	613	477	63	21	26
15	8.4	29	e32	e26	e40	e54	299	838	419	59	19	23
16	11	28	e32	e25	e36	e49	222	966	394	58	17	21
17	12	32	e32	e26	e34	e49	221	1,150	359	53	20	20
18	13	32	e32	e25	e32	e44	214	1,170	333	50	37	24
19	11	27	e31	e26	e30	43	153	1,140	315	51	36	27
20	13	27	e30	e26	e29	44	187	1,040	323	49	25	25
21	15	26	e30	e26	e29	39	262	1,050	298	51	21	22
22	16	26	e30	e27	e29	40	297	1,080	271	43	20	20
23	22	26	e30	e27	e30	42	302	1,170	256	38	37	19
24	22	25	e30	e28	e30	44	245	1,340	225	36	35	18
25	22	28	e29	e28	e31	47	291	1,430	226	35	27	17
26	21	e26	e29	e28	e31	44	421	1,370	206	34	25	16
27	22	e27	e29	e29	e32	48	428	1,570	182	34	23	17
28	22	e27	e29	e31	e30	64	454	1,700	168	33	21	16
29	24	e26	e29	e32	---	139	518	1,750	159	31	19	16
30	19	e25	e28	e33	---	46	523	1,900	149	33	20	16
31	24	---	e27	e34	---	43	---	1,960	---	30	22	---
TOTAL	503.2	776	909	858	918	1,379	6,349	27,738	16,225	2,253	744	712
MEAN	16.2	25.9	29.3	27.7	32.8	44.5	212	895	541	72.7	24.0	23.7
MAX	28	32	32	34	47	139	523	1,960	2,000	164	37	57
MIN	6.7	19	24	25	29	28	45	254	149	30	17	16
AC-FT	998	1,540	1,800	1,700	1,820	2,740	12,590	55,020	32,180	4,470	1,480	1,410

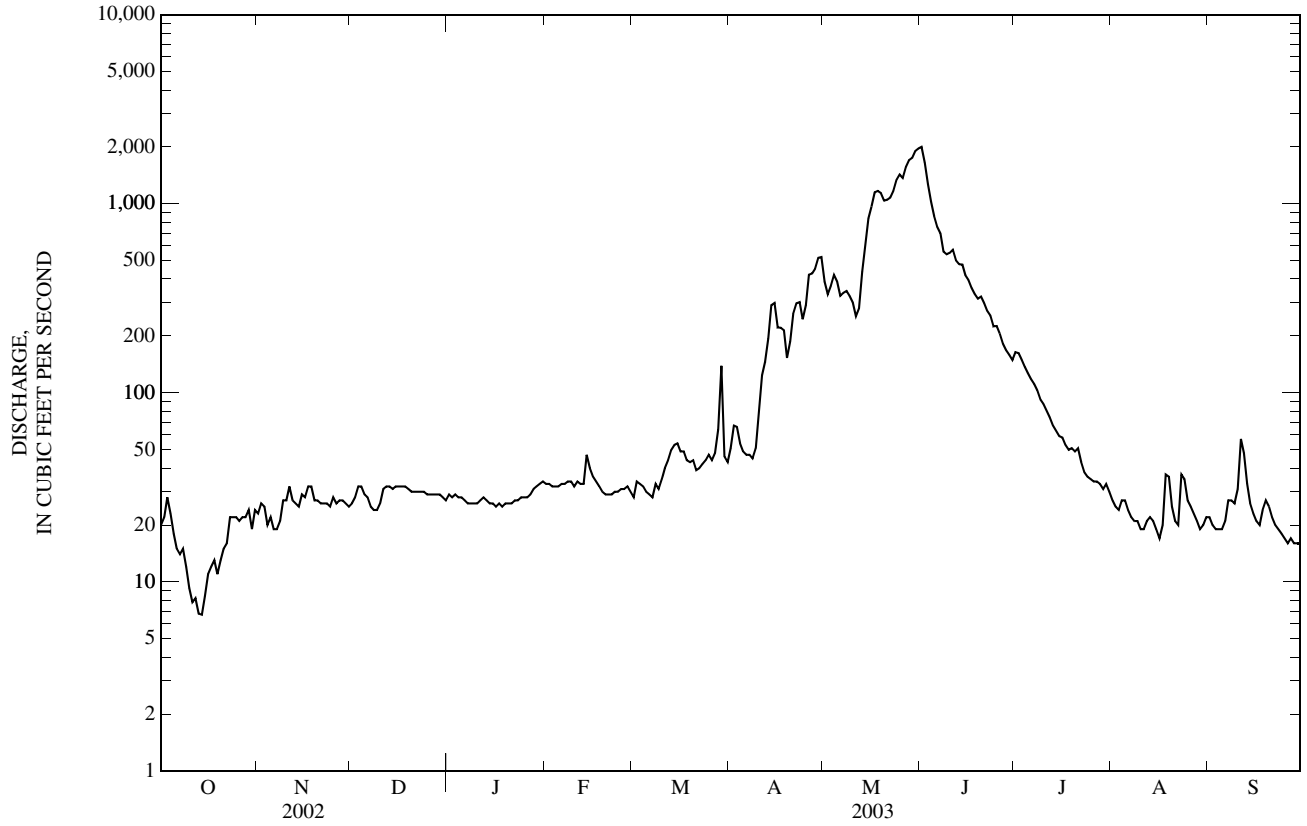
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2003, BY WATER YEAR (WY)*

MEAN	38.9	36.1	32.4	31.8	32.7	51.1	262	1,073	925	157	39.0	29.1
MAX	91.8	77.8	59.4	74.5	59.5	139	842	2,122	2,231	519	97.3	80.5
(WY)	(1962)	(1962)	(1983)	(1962)	(1962)	(1989)	(1974)	(1984)	(1983)	(1983)	(1945)	(1997)
MIN	16.2	18.4	14.8	16.3	20.4	23.8	77.6	379	178	26.9	12.9	11.0
(WY)	(2003)	(1959)	(1977)	(1945)	(1945)	(1997)	(1973)	(:2002)	(1987)	(2002)	(2002)	(1944)

09253000 LITTLE SNAKE RIVER NEAR SLATER, CO—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1944 - 2003*	
ANNUAL TOTAL	31,221.8		59,364.2		--	
ANNUAL MEAN	85.5		163		228	
HIGHEST ANNUAL MEAN	--		--		423	1984
LOWEST ANNUAL MEAN	--		--		86.5	2002
HIGHEST DAILY MEAN	504	May 1	2,000	Jun 1	3,960	May 24, 1984
LOWEST DAILY MEAN	3.9	Sep 16	6.7	Oct 14	3.9	Sep 16, 2002
ANNUAL SEVEN-DAY MINIMUM	7.7	Sep 20	8.3	Oct 10	6.2	Sep 4, 1988
MAXIMUM PEAK FLOW	--		2,490	May 31	4,780	May 23, 1984
MAXIMUM PEAK STAGE	--		7.15	May 31	8.78[a]	May 23, 1984
ANNUAL RUNOFF (AC-FT)	61,930		117,700		165,100	

* For period of operation.
a Maximum gage height, 9.95 ft, Apr 25, 1974.
e Estimated.



09253455 HAGGARTY CREEK ABOVE BELVIDERE DITCH, NEAR ENCAMPMENT, WY

LOCATION.--Lat 41°09'02", long 107°07'06", in SE1/4 SE1/4 SE1/4 sec.25, T.14 N., R.87 W., Carbon County, Hydrologic Unit 14050003, Medicine Bow National Forest, 0.5 mi upstream from State Highway 70, 1.6 mi upstream from mouth, and 17 mi west of Encampment, WY.

PERIOD OF RECORD.--October 1992 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

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 uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)
MAY													
27...	1615	253	570	10.2	99	7.6	21	10.0	2.0	8	2.31	0.518	0.40
AUG													
12...	1100	3.1	568	7.8	95	7.8	40	21.0	11.0	16	4.51	1.04	0.43

Date	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue water, fltrd, tons/acre-ft (70303)	Residue water, fltrd, tons/d (70302)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)
MAY													
27...	0.1	0.67	9	0.21	<0.2	5.6	1.4	16	0.02	11.3	47	<0.30	<0.3
AUG													
12...	0.1	1.36	19	<0.20	<0.2	8.8	1.9	--	--	--	6	<0.30	E.1

Date	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Manganese, water, fltrd, ug/L (01056)	Mercury water, fltrd, ug/L (71890)	Molybdenum, water, fltrd, ug/L (01060)
MAY													
27...	8	<0.06	<7.0	<0.04	<0.8	0.138	35.9	31	E.04	<3	4.0	<0.02	<0.3
AUG													
12...	14	<0.06	<7.0	<0.04	<0.8	0.089	20.8	25	<0.08	<3	5.6	<0.02	<0.3

Date	Nickel, water, fltrd, ug/L (01065)	Selenium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Strontium, water, fltrd, ug/L (01080)	Vanadium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	Uranium natural water, fltrd, ug/L (22703)
MAY							
27...	0.58	<0.5	<0.2	11.1	<6	M	0.03
AUG							
12...	0.74	<0.5	<0.2	21.4	<6	1	E.01

E -- Estimated value
M-- Presence verified, not quantified

09253465 WEST FORK BATTLE CREEK AT BATTLE CREEK CAMPGROUND, NEAR SAVERY, WY

LOCATION.--Lat 41° 05'37", long 107° 09'31", in SW$^{1}/_{4}$ NE$^{1}/_{4}$ SE$^{1}/_{4}$ sec.15, T.13 N., R.87 W., Carbon County, Hydrologic Unit 14050003, Medicine Bow National Forest, at Battle Creek Campground, 1.1 mi upstream from mouth, and 15 mi east of Savery.

PERIOD OF RECORD.--October 1992 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

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 uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)
MAY													
28...	0920	302	594	10.4	102	7.7	28	16.5	4.0	11	3.41	0.681	0.37
AUG													
12...	1230	1.0	590	7.3	102	8.1	184	26.0	19.0	80	25.5	3.84	0.86

Date	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue water, fltrd, tons/ acre-ft (70303)	Residue water, fltrd, tons/d (70302)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)
MAY													
28...	0.1	0.99	11	0.32	<0.2	6.7	1.8	21	0.03	17.3	37	<0.30	E.1
AUG													
12...	0.4	7.29	53	3.66	0.5	11.6	27.6	113	0.15	0.31	5	<0.30	E.2

Date	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Manganese, water, fltrd, ug/L (01056)	Mercury water, fltrd, ug/L (71890)	Molybdenum, water, fltrd, ug/L (01060)
MAY													
28...	10	<0.06	<7.0	<0.04	<0.8	0.073	19.4	26	<0.08	<3	2.0	<0.02	<0.3
AUG													
12...	40	<0.06	22	<0.04	<0.8	0.081	6.7	9	<0.08	E2	5.1	<0.02	1.1

Date	Nickel, water, fltrd, ug/L (01065)	Selenium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Strontium, water, fltrd, ug/L (01080)	Vanadium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	Uranium natural water, fltrd, ug/L (22703)
MAY							
28...	0.45	<0.5	<0.2	18.0	<6	M	0.04
AUG							
12...	1.26	<0.5	<0.2	164	<6	<1	0.13

E -- Estimated value
M-- Presence verified, not quantified

09255000 SLATER FORK NEAR SLATER, CO

LOCATION.--Lat 40° 58'57", long 107° 22'56", in SW$^{1}/_{4}$ NE$^{1}/_{4}$ sec.21, T.12 N., R.89 W., Moffat County, Hydrologic Unit 14050003, on right bank 15 ft downstream from highway bridge, 1.0 mi upstream from mouth, and 1.5 mi south of Slater.

DRAINAGE AREA.--161 mi^2.

PERIOD OF RECORD.--May to October, December 1910, March to October 1911, and April to May 1912 (published as Slater Creek), July 1931 to current year. Monthly discharge only for some periods, published in WSP 1313.

REVISED RECORDS.--WSP 618: 1910-11. WSP 764: Drainage area.

GAGE.--Water-stage recorder with satellite telemetry. Elevation of gage is 6,600 ft above NGVD of 1929, from river-profile map. May 28, 1910 to May 25, 1912, nonrecording gage at site 1.5 mi upstream at different datum. July 9, 1931 to May 6, 1932, nonrecording gage at site 0.2 mi downstream at different datum.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Diversions for irrigation of about 500 acres upstream from station. Station operated and record provided by the Colorado District.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.4	13	15	11	e12	17	39	197	809	17	4.2	4.8
2	12	13	15	11	e12	14	52	160	586	15	3.8	4.5
3	16	7.2	14	11	13	18	51	191	401	15	3.6	4.5
4	21	13	14	12	e12	18	34	220	295	14	3.7	4.5
5	23	14	14	12	12	17	32	216	228	13	3.9	4.4
6	25	13	13	11	13	17	30	168	202	11	4.0	4.4
7	25	14	12	11	15	17	27	180	188	13	3.4	4.7
8	26	15	11	11	16	20	24	195	146	11	2.6	6.0
9	26	15	11	11	17	18	29	171	140	13	2.2	6.6
10	26	14	11	10	16	20	42	153	143	13	1.9	6.7
11	25	14	12	11	16	22	68	126	180	10	1.8	8.3
12	25	12	13	11	16	26	93	134	144	8.8	1.8	10
13	24	15	14	11	17	29	108	219	117	9.6	1.9	11
14	24	15	14	11	e16	35	158	274	127	9.4	2.2	10
15	24	13	14	11	e17	37	185	411	113	9.4	2.4	9.7
16	24	10	13	11	18	35	132	455	103	8.9	2.4	9.4
17	24	15	14	11	17	34	107	546	109	8.2	2.8	8.9
18	24	16	14	11	17	28	102	597	96	7.3	4.1	9.2
19	24	15	12	10	16	25	70	529	83	6.5	5.6	9.5
20	23	15	10	10	16	24	61	393	92	5.9	6.1	9.5
21	11	14	15	10	16	23	75	375	84	5.3	5.7	9.4
22	9.9	14	15	10	16	24	106	389	63	4.8	5.0	9.1
23	12	15	12	10	16	26	143	435	54	4.1	4.9	8.9
24	14	16	12	10	17	37	113	488	44	3.7	6.1	8.9
25	14	12	11	10	17	27	170	536	40	3.5	6.3	8.6
26	14	5.6	11	9.6	17	29	208	512	35	3.3	6.2	8.4
27	12	8.8	11	9.9	18	30	222	549	30	3.6	6.0	7.7
28	12	13	11	12	16	24	232	577	27	3.9	5.6	7.5
29	13	14	11	11	---	22	286	584	22	4.0	4.9	7.3
30	11	14	11	11	---	26	294	625	20	4.2	4.6	7.3
31	13	---	10	12	---	27	---	669	---	4.3	4.5	---
TOTAL	586.3	397.6	390	334.5	437	766	3,293	11,274	4,721	263.7	124.2	229.7
MEAN	18.9	13.3	12.6	10.8	15.6	24.7	110	364	157	8.51	4.01	7.66
MAX	26	16	15	12	18	37	294	669	809	17	6.3	11
MIN	9.4	5.6	10	9.6	12	14	24	126	20	3.3	1.8	4.4
AC-FT	1,160	789	774	663	867	1,520	6,530	22,360	9,360	523	246	456

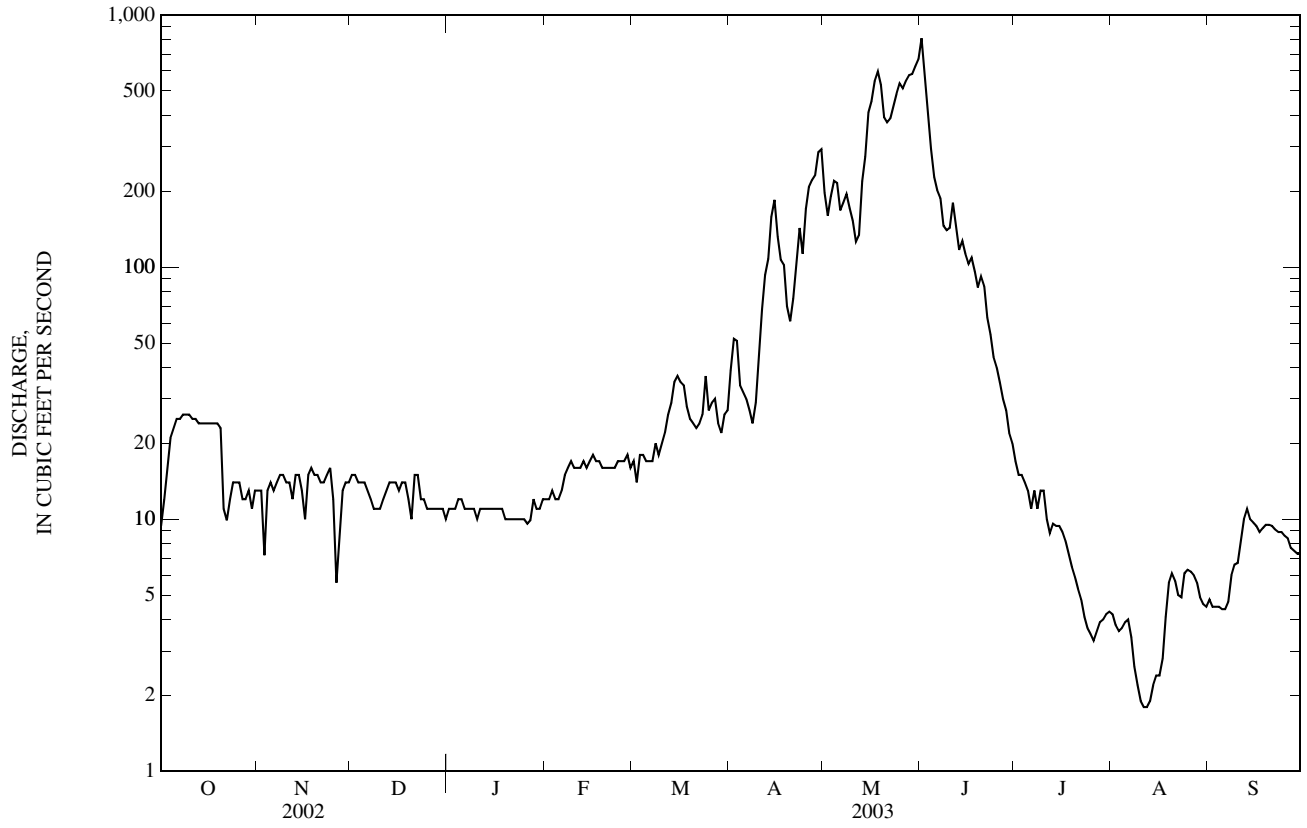
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1932 - 2003, BY WATER YEAR (WY)

MEAN	20.0	19.2	17.5	17.3	18.7	29.7	120	380	247	36.9	9.75	11.5
MAX	62.4	49.2	44.1	36.9	46.5	144	323	801	660	189	38.4	55.0
(WY)	(1986)	(1985)	(1985)	(1985)	(1986)	(1998)	(1985)	(1984)	(1995)	(1983)	(1945)	(1984)
MIN	7.29	7.73	7.30	4.42	9.83	12.6	25.2	45.7	16.0	1.27	1.39	3.20
(WY)	(1934)	(1934)	(1932)	(1992)	(1981)	(1965)	(1933)	(1934)	(2002)	(1977)	(1994)	(1960)

09255000 SLATER FORK NEAR SLATER, CO—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1932 - 2003	
ANNUAL TOTAL	10,976.3		22,817.0		--	
ANNUAL MEAN	30.1		62.5		77.5	
HIGHEST ANNUAL MEAN	--		--		157	1984
LOWEST ANNUAL MEAN	--		--		20.5	1934
HIGHEST DAILY MEAN	250	Apr 27	809	Jun 1	1,500	May 16, 1984
LOWEST DAILY MEAN	1.1	Jul 19,20	1.8	Aug 11,12	0.00[a]	Aug 2, 1934
ANNUAL SEVEN-DAY MINIMUM	1.3	Jul 14	2.0	Aug 9	0.00	Aug 2, 1934
MAXIMUM PEAK FLOW	--		1,030	Jun 1	2,250 [b]	May 16, 1984
MAXIMUM PEAK STAGE	--		8.50	Jun 1	11.78[c]	May 16, 1984
ANNUAL RUNOFF (AC-FT)	21,770		45,260		56,140	
10 PERCENT EXCEEDS	103		186		252	
50 PERCENT EXCEEDS	14		14		20	
90 PERCENT EXCEEDS	1.8		4.8		7.0	

a Also occurred several days during years 1936, 1954, and 1977.
b From rating curve extended above 1,000 ft^3/s.
c From floodmarks.
e Estimated.



09259050 LITTLE SNAKE RIVER BELOW BAGGS, WY

LOCATION.--Lat 41° 01'43", long 107° 41'14", in SE1/4 NW1/4 NW1/4 sec.7, T.12 N., R.92 W., Carbon County, Hydrologic Unit 14050003, 0.8 mi downstream from Ledford Slough, 1.5 mi southwest of Baggs, and 3.5 mi downstream from bridge on State Highway 789 in Baggs.

PERIOD OF RECORD.--Water years 1981 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

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 uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)
APR													
15...	1445	E1200	600	9.2	97	8.5	207	8.0	7.0	87	24.8	6.06	2.04
MAY													
27...	1215	3,330	615	9.2	104	8.0	84	24.0	11.0	34	10.1	2.16	0.94
JUL													
10...	1000	19	615	8.1	113	8.4	336	25.0	21.0	130	35.5	10.3	1.79
AUG													
12...	1440	1.2	612	10.6	177	8.7	492	26.0	30.0	160	37.1	17.0	3.63

Date	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue water, fltrd, tons/acre-ft (70303)	Residue water, fltrd, tons/d (70302)	Suspended sediment concentration mg/L (80154)	Suspended sediment load, tons/d (80155)
APR												
15...	0.4	8.63	69	3.05	0.14	12.9	27.0	126	0.17	--	887	--
MAY												
27...	0.2	2.95	35	0.95	<0.2	10.5	6.3	55	0.07	491	439	3,950
JUL												
10...	0.8	21.2	138	5.73	0.2	12.7	29.6	200	0.27	10.0	4	0.20
AUG												
12...	2	50.1	178	9.18	0.4	4.8	63.7	292	0.40	0.96	5	0.02

E -- Estimated value