

DIRTY DEVIL RIVER BASIN

09330000 FREMONT RIVER NEAR BICKNELL, UT

LOCATION.--Lat 38°18'25", long 111°31'05", in SW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, T. 29 S., R. 4 E., Wayne County, Hydrologic Unit 14070003, on left bank 150 ft upstream of county road bridge, 1.2 mi downstream of Pine Creek, and 2.9 mi southeast of Bicknell.

DRAINAGE AREA.--751 mi².

PERIOD OF RECORD.--May 1909 to December 1912 (published as "near Thurber") October 1937 to September 1958 (1944-46, fragmentary), October 1976 to current year.

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

GAGE.--Water-stage recorder. Crest-stage gage since September 10, 2003. Elevation of gage is 6,920 ft above NGVD of 1929, from topographic map. May 1909 to December 1912, staff gage near present site. October 1937 to June 28, 1949, staff gages on two canals and river station about 0.25 mi downstream. June 28, 1949 to April 29, 1958, water-stage recorders on river and canal site. April 29 to September 30, 1958, staff gage on river at site 600 ft further downstream from water-stage recorder. October 1, 1976 to April 2, 1990, water-stage recorder at site about 150 ft downstream at datum 3.00 ft higher. Gages at different datums prior to 1976.

REMARKS.--Records good except for periods of heavy aquatic growth in the channel from June to November and estimated daily discharges, which are poor. Diversions for irrigation of about 10,600 acres above station. Flow regulated by Fish Lake, Johnson, Forsyth, and Mill Meadow Reservoirs (combined capacity about 232,000 acre-ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,200 ft³/s, Apr 4, 1942, gage height, 5.8 ft, site and datum in use from floodmarks and rating curve extended above 700 ft³/s, maximum gage height, 7.59 ft Apr 24, 1998; minimum observed discharge, 18 ft³/s, Jun 2, 4, 13-15, 17-18, 1912.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 176 ft³/s, Oct 2, gage height, 4.94 ft; minimum daily discharge, 53 ft³/s, Jun 7, 8, 9.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	58	73	80	79	e72	80	74	77	58	60	56	58
2	68	74	83	79	74	83	87	73	59	58	62	59
3	82	74	83	79	76	82	95	70	60	58	66	57
4	73	74	83	e72	76	82	97	70	60	58	62	57
5	69	75	85	e67	76	81	85	68	56	58	65	58
6	68	75	86	e67	75	85	83	67	55	60	62	57
7	65	77	90	72	76	87	101	70	53	56	59	58
8	64	77	88	74	e73	88	95	67	53	55	57	58
9	64	78	e80	74	e71	88	85	67	53	58	57	59
10	64	77	81	75	76	88	81	65	55	57	57	58
11	64	80	83	74	e73	86	82	64	56	55	58	59
12	65	79	82	74	e70	86	80	66	56	56	58	59
13	64	86	83	75	e71	86	79	66	55	58	57	58
14	64	82	86	74	76	85	78	65	55	59	55	56
15	63	79	e77	76	76	85	77	65	58	59	55	56
16	63	79	e72	75	77	84	77	65	61	60	61	57
17	66	79	73	75	77	85	76	67	60	67	58	56
18	66	76	79	75	79	85	77	68	62	71	59	55
19	66	78	82	77	81	84	77	66	59	76	56	57
20	66	79	83	77	80	84	77	62	59	108	56	56
21	66	81	84	76	83	84	78	59	58	74	58	57
22	66	e70	83	74	85	85	84	59	59	67	61	58
23	66	e63	80	75	87	85	85	58	58	69	58	59
24	66	63	83	76	94	85	76	58	56	67	57	59
25	66	71	84	e73	89	83	73	60	58	64	56	59
26	67	72	86	e70	88	79	73	59	60	64	55	59
27	69	72	e75	74	85	76	71	58	61	66	56	60
28	69	72	e67	77	83	74	67	57	62	64	57	60
29	70	74	68	77	81	74	66	67	65	59	57	63
30	69	78	74	77	---	72	75	61	63	57	56	66
31	71	---	81	76	---	75	---	58	---	55	57	---
TOTAL	2,067	2,267	2,504	2,315	2,280	2,566	2,411	2,002	1,743	1,953	1,804	1,748
MEAN	66.7	75.6	80.8	74.7	78.6	82.8	80.4	64.6	58.1	63.0	58.2	58.3
MAX	82	86	90	79	94	88	101	77	65	108	66	66
MIN	58	63	67	67	70	72	66	57	53	55	55	55
AC-FT	4,100	4,500	4,970	4,590	4,520	5,090	4,780	3,970	3,460	3,870	3,580	3,470

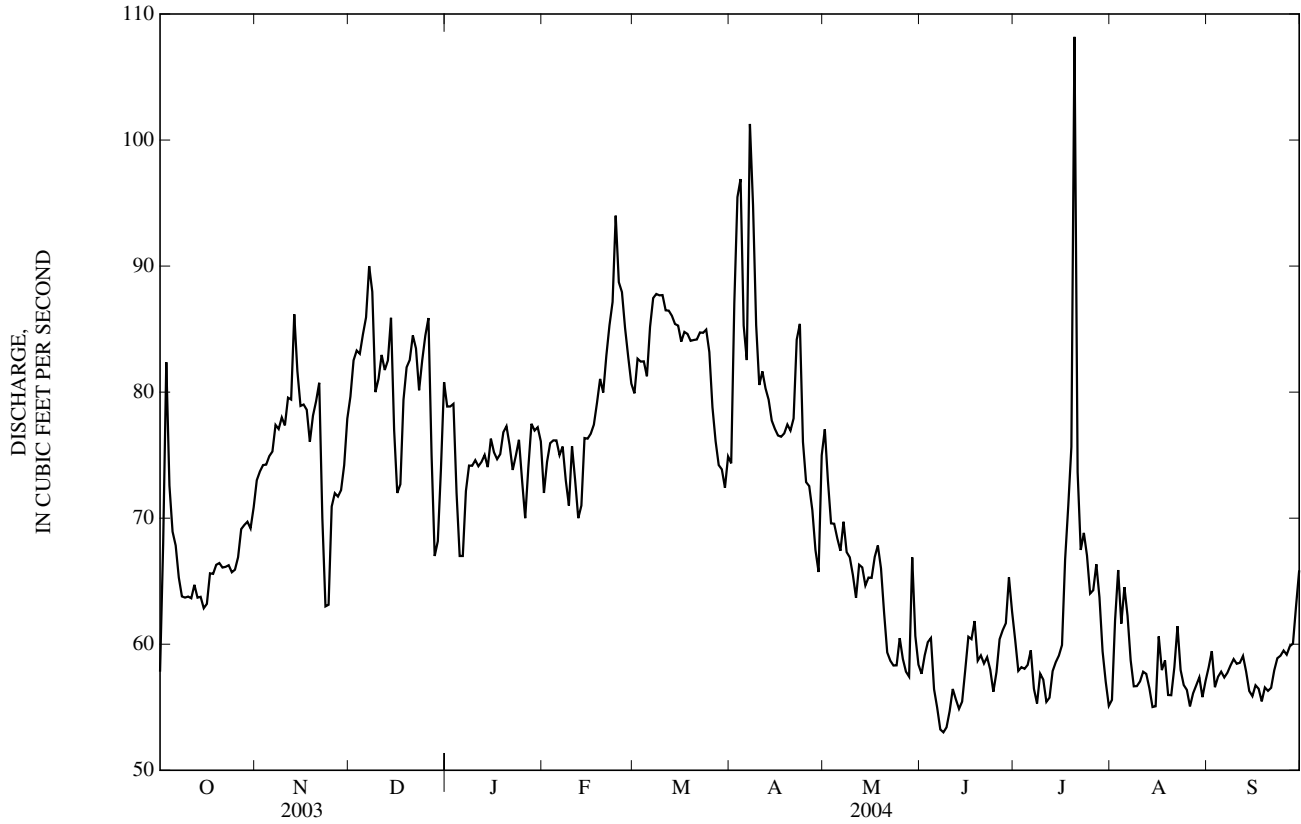
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2004, BY WATER YEAR (WY)

	85.0	90.3	86.4	88.7	95.5	111	117	85.7	70.2	67.4	73.7	76.3
MEAN	85.0	90.3	86.4	88.7	95.5	111	117	85.7	70.2	67.4	73.7	76.3
MAX	145	140	133	131	135	243	412	163	174	135	139	119
(WY)	(1985)	(1985)	(1985)	(1985)	(1984)	(1997)	(1987)	(1985)	(1984)	(1984)	(1984)	(1984)
MIN	54.1	59.7	63.7	66.1	70.0	66.4	63.3	58.7	46.1	50.7	46.3	51.4
(WY)	(1980)	(1980)	(1979)	(1980)	(1980)	(1980)	(1980)	(1981)	(1980)	(1980)	(1980)	(1978)

09330000 FREMONT RIVER NEAR BICKNELL, UT—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1977 - 2004	
ANNUAL TOTAL	29,729		25,660		87.2	
ANNUAL MEAN	81.4		70.1		138 1985	
HIGHEST ANNUAL MEAN					60.2 1980	
LOWEST ANNUAL MEAN					965 Mar 21, 1997	
HIGHEST DAILY MEAN	549	Mar 14	108	Jul 20	34 Jul 31, 1986	
LOWEST DAILY MEAN	52	Jul 11	53	Jun 7	38 Jul 29, 1986	
ANNUAL SEVEN-DAY MINIMUM	53	Jul 10	54	Jun 5	63,200	
ANNUAL RUNOFF (AC-FT)	58,970		50,900		113	
10 PERCENT EXCEEDS	97		85		82	
50 PERCENT EXCEEDS	74		70		57	
90 PERCENT EXCEEDS	57		57			

e Estimated



DIRTY DEVIL RIVER BASIN

09330230 FREMONT RIVER NEAR CAINEVILLE, UT

LOCATION.--Lat 38°16'45", long 111°03'54", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 20, T. 29 S., R. 8 E., Wayne County, Hydrologic Unit 14070003, on right bank 2.3 mi downstream from Pleasant Creek, 4.5 mi southwest of Caineville, and 9.8 mi east of Fruita.

DRAINAGE AREA.--1,208 mi².

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

GAGE.--Water-stage recorder. Crest-stage gage since July 11, 2001. Elevation of gage is 4,760 ft above NGVD of 1929, from topographic map. Prior to May 16, 1996 at site 500 ft upstream at datum 6.0 ft higher.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,800 ft³/s, Jul 24, 1984, gage height, 10.20 ft, from rating curve extended above 640 ft³/s on basis of slope-area measurement at gage heights of 6.90 ft and 7.20 ft datum then in use and slope-conveyance study; minimum discharge, 8 ft³/s, Jun 29, 1994.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct 2	2215	*5,030	*10.14	Aug 3	1900	775	6.73
Jul 17	2030	2,420	7.69	Sep 29	2205	682	6.63
Jul 18	2020	2,930	8.14				

Minimum daily discharge, 15 ft³/s, Jul 6, 8.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32	69	77	87	64	85	62	e63	29	27	21	30
2	604	66	75	83	68	89	70	e61	28	23	24	28
3	171	69	75	80	86	87	93	e51	29	20	102	28
4	96	67	73	59	83	90	86	e45	28	21	53	29
5	50	68	75	46	80	88	66	e37	27	18	33	30
6	46	69	78	e50	79	89	54	e38	24	15	37	30
7	43	71	80	e60	77	100	70	e41	22	16	30	30
8	40	72	89	e70	77	102	110	e38	18	15	27	29
9	41	72	65	79	71	104	87	e37	19	17	26	29
10	39	78	72	79	73	104	77	e35	20	20	25	32
11	41	73	75	79	72	100	e70	e27	26	18	24	30
12	41	74	74	73	62	96	e64	e24	24	18	25	32
13	42	101	76	76	e60	98	e63	28	23	17	27	29
14	39	87	82	68	e70	94	e61	28	23	18	27	21
15	39	76	73	89	78	94	e58	30	21	21	28	17
16	37	75	47	86	83	89	e56	30	28	22	40	20
17	38	76	59	82	83	87	e52	30	35	134	39	22
18	40	71	66	76	85	87	e52	30	36	206	42	24
19	37	70	82	85	90	87	e49	31	36	62	37	25
20	39	73	87	84	89	86	e46	32	32	94	35	25
21	38	73	87	79	91	84	e50	27	31	56	38	22
22	38	69	86	60	95	83	e52	27	31	32	40	25
23	38	37	77	60	98	84	e71	27	28	33	37	29
24	39	71	79	68	106	83	e63	27	26	34	32	32
25	40	65	85	81	112	80	e54	24	25	28	31	32
26	42	75	134	e65	98	77	e52	25	53	61	31	32
27	44	69	69	68	99	71	e49	24	31	37	32	31
28	46	68	49	87	93	58	e45	25	32	30	34	33
29	47	72	68	85	88	64	e42	30	43	26	34	73
30	48	74	73	81	---	61	83	37	38	27	33	65
31	50	---	85	81	---	61	---	31	---	25	31	---
TOTAL	2,025	2,150	2,372	2,306	2,410	2,662	1,907	1,040	866	1,191	1,075	914
MEAN	65.3	71.7	76.5	74.4	83.1	85.9	63.6	33.5	28.9	38.4	34.7	30.5
MAX	604	101	134	89	112	104	110	63	53	206	102	73
MIN	32	37	47	46	60	58	42	24	18	15	21	17
AC-FT	4,020	4,260	4,700	4,570	4,780	5,280	3,780	2,060	1,720	2,360	2,130	1,810

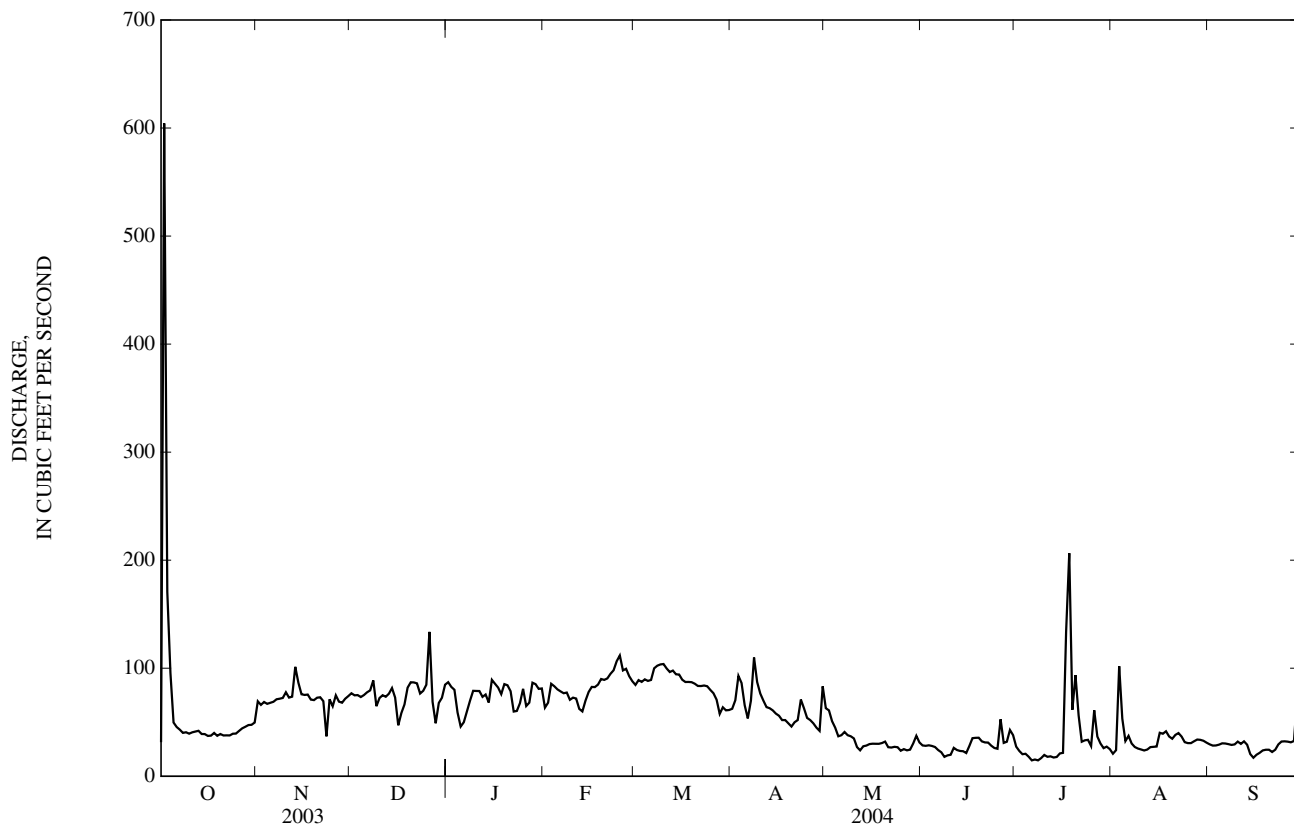
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 2004, BY WATER YEAR (WY)

MEAN	68.9	87.2	88.9	91.5	97.3	107	94.1	60.7	41.1	44.9	57.4	58.5
MAX	122	133	134	136	143	197	334	213	155	171	162	161
(WY)	(1985)	(1985)	(1986)	(1985)	(1985)	(2003)	(1987)	(1973)	(1983)	(1985)	(1971)	(1997)
MIN	38.0	58.6	66.7	60.2	82.5	79.3	50.5	26.6	20.4	23.0	24.0	23.8
(WY)	(1980)	(1982)	(1969)	(1975)	(1979)	(1981)	(1996)	(1974)	(1997)	(1994)	(1978)	(1978)

09330230 FREMONT RIVER NEAR CAINEVILLE, UT—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1968 - 2004	
ANNUAL TOTAL	26,804		20,918		74.7	
ANNUAL MEAN	73.4		57.2		133	
HIGHEST ANNUAL MEAN					1985	
LOWEST ANNUAL MEAN					1978	
HIGHEST DAILY MEAN	1,050	Aug 23	604	Oct 2	1,200	Jul 19, 1985
LOWEST DAILY MEAN	16	May 29	15	Jul 6	12	Jun 27, 1980
ANNUAL SEVEN-DAY MINIMUM	18	Jul 5	17	Jul 5	13	Jun 9, 1981
ANNUAL RUNOFF (AC-FT)	53,170		41,490		54,090	
10 PERCENT EXCEEDS	99		88		109	
50 PERCENT EXCEEDS	54		52		74	
90 PERCENT EXCEEDS	26		25		29	

e Estimated



09330500 MUDDY CREEK NEAR EMERY, UT

LOCATION.--Lat 38°58'55", long 111°14'55", in NE¹/₄NW¹/₄NE¹/₄ sec. 21, T. 21 S., R. 6 E., Emery County, Hydrologic Unit 14070002, on left bank 100 ft upstream from Emery Canal and 4.1 mi north of Emery.

DRAINAGE AREA.--105 mi².

PERIOD OF RECORD.--April to July 1909, July 1910 to July 1914, June 1949 to current year.

REVISED RECORDS.--WSP 1633: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 6,400 ft above NGVD of 1929, from topographic map. April 29 to July 31, 1909, reference point. July 23, 1910 to July 16, 1914, staff gages, at sites about 1 mi upstream at different datums. June 29, 1949 to May 1, 1957, water-stage recorder at site 100 ft upstream at datum 2.89 ft higher prior to March 20, 1953, and at datum 1.89 ft higher thereafter.

REMARKS.--Records fair except for estimated daily discharges, which are poor. One small diversion for irrigation and two storage reservoirs (total capacity 700 acre-ft) above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,340 ft³/s, May 10, 1952, gage height, 11.14 ft, present datum from rating curve extended above 400 ft³/s, on basis of slope-area measurement of peak flow; no flow Apr 13-16, 1911.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 400 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Aug 3	1615	*227	*3.32				

Minimum daily discharge, 4.1 ft³/s, Jan 5.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	12	e8.4	e4.7	e7.8	e6.6	27	62	114	64	49	23
2	18	11	e8.4	e4.7	e7.0	e6.6	31	70	119	61	49	22
3	17	12	e7.0	e4.5	e7.2	e7.0	39	83	118	60	55	22
4	17	10	e6.2	e4.3	e7.4	e7.6	30	94	120	57	49	22
5	18	e9.5	e6.2	e4.1	e7.6	e9.0	32	102	126	55	52	22
6	17	e9.0	e6.6	e4.4	e7.2	e9.0	33	111	128	53	48	21
7	16	13	e6.0	e4.7	e7.2	e9.6	38	106	131	51	46	21
8	15	12	e5.6	e4.6	e7.2	e10	35	109	131	50	44	20
9	15	10	e5.0	e4.6	e7.0	e12	34	126	130	48	43	20
10	15	11	e4.7	e5.0	e6.8	e13	32	131	134	46	42	20
11	14	9.6	e4.7	e5.0	e7.2	e12	27	130	127	45	41	20
12	14	9.6	e4.5	e5.2	e6.6	e13	28	121	119	44	40	20
13	14	12	e4.5	e5.2	e6.6	15	33	111	113	44	39	20
14	13	11	e4.7	e5.2	e6.8	15	37	104	108	47	39	19
15	14	11	e4.8	e5.5	e6.9	16	34	103	106	56	40	19
16	14	e10	e4.3	e5.7	e7.3	15	36	105	103	56	39	18
17	13	9.8	e4.5	e6.0	e7.4	16	38	108	101	57	39	18
18	13	6.4	e4.5	e6.3	e7.6	17	40	113	102	55	39	18
19	13	10	e4.7	e6.6	e7.8	21	35	117	95	51	38	20
20	13	12	e4.8	e7.0	e7.5	26	32	115	91	48	37	19
21	13	13	e5.0	e7.1	e7.7	29	34	112	88	46	36	18
22	13	10	e5.0	e6.8	e7.9	31	37	112	85	43	35	18
23	13	e7.4	e5.0	e6.6	e8.1	32	38	113	82	42	34	19
24	13	e7.5	e4.6	e7.6	e7.0	32	52	116	79	41	31	18
25	12	e7.5	e4.9	e8.4	e6.4	33	67	117	77	41	26	18
26	11	e7.7	e5.2	e8.2	e6.4	30	65	115	75	41	26	18
27	12	e7.8	e4.8	e7.9	e6.9	21	66	113	73	40	25	18
28	12	e7.8	e4.5	e8.2	e6.7	18	69	113	71	42	25	17
29	12	e7.8	e4.5	e8.2	e6.6	18	66	117	70	49	24	20
30	12	e8.0	e4.7	e8.4	---	21	62	119	68	49	24	19
31	12	---	e5.0	e8.6	---	25	---	116	---	48	24	---
TOTAL	435	295.4	163.3	189.3	207.8	546.4	1,227	3,384	3,084	1,530	1,178	587
MEAN	14.0	9.85	5.27	6.11	7.17	17.6	40.9	109	103	49.4	38.0	19.6
MAX	18	13	8.4	8.6	8.1	33	69	131	134	64	55	23
MIN	11	6.4	4.3	4.1	6.4	6.6	27	62	68	40	24	17
AC-FT	863	586	324	375	412	1,080	2,430	6,710	6,120	3,030	2,340	1,160

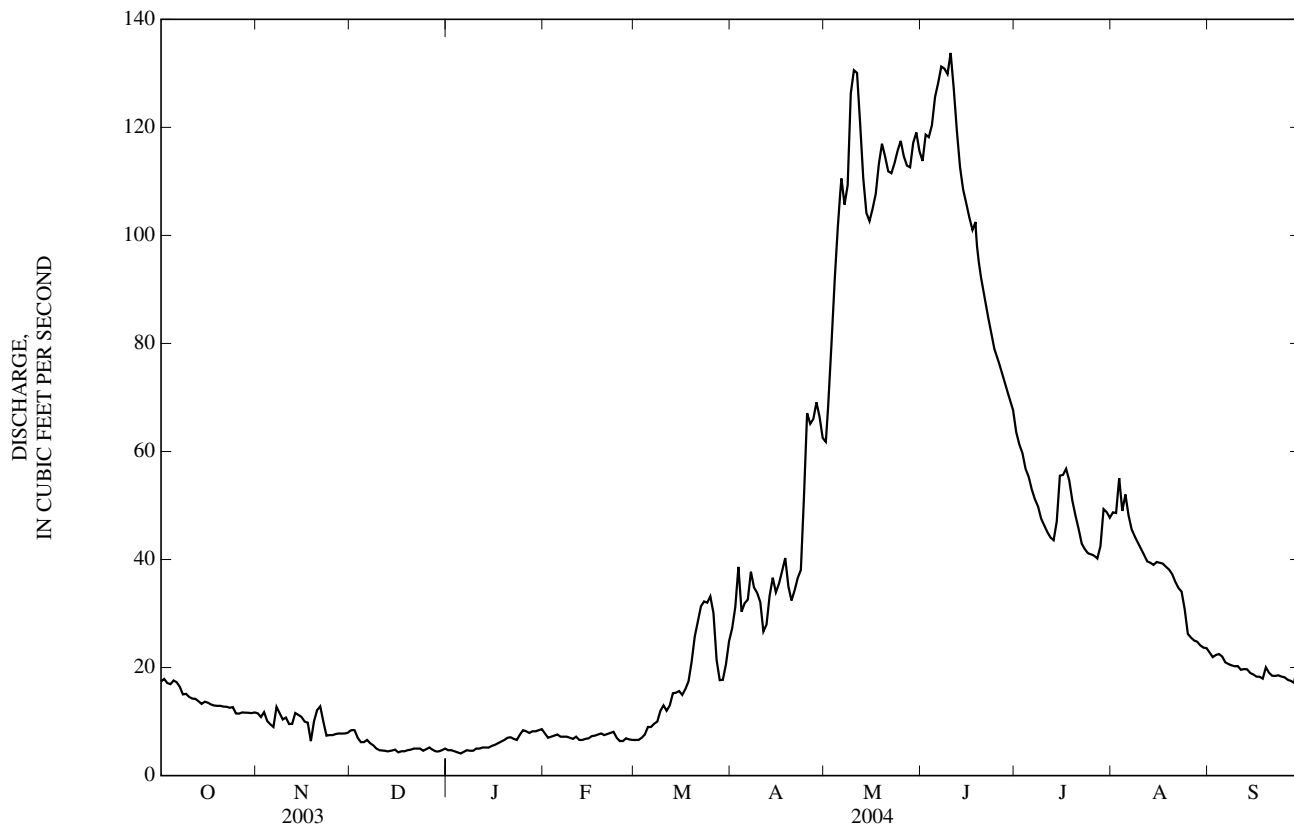
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1911-13, 1950-2004, BY WATER YEAR (WY)

MEAN	18.0	11.9	9.27	8.27	8.78	12.8	32.2	103	123	68.7	40.4	25.8
MAX	60.9	34.8	22.6	22.0	24.6	37.7	112	306	330	239	104	59.7
(WY)	(1985)	(1985)	(1985)	(1998)	(1998)	(1911)	(1985)	(1952)	(1983)	(1983)	(1983)	(1983)
MIN	4.78	3.73	2.00	2.00	3.09	4.15	7.84	14.2	15.7	17.1	7.55	9.58
(WY)	(1978)	(1912)	(1912)	(1911)	(1911)	(1995)	(1967)	(1977)	(1977)	(1977)	(1977)	(1977)

09330500 MUDDY CREEK NEAR EMERY, UT—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1911-13, 1950-2004	
ANNUAL TOTAL	11,663.6		12,827.2		38.3	
ANNUAL MEAN	32.0		35.0		86.1	
HIGHEST ANNUAL MEAN					9.40	
LOWEST ANNUAL MEAN					1977	
HIGHEST DAILY MEAN	212	Jun 2	134	Jun 10	664	Aug 11, 1995
LOWEST DAILY MEAN	2.8	Feb 5	4.1	Jan 5	0.00	Apr 13, 1911
ANNUAL SEVEN-DAY MINIMUM	3.0	Feb 4	4.5	Jan 3	1.0	Apr 10, 1911
ANNUAL RUNOFF (AC-FT)	23,130		25,440		27,730	
10 PERCENT EXCEEDS	79		107		98	
50 PERCENT EXCEEDS	17		19		17	
90 PERCENT EXCEEDS	4.5		5.2		6.9	

e Estimated



09333500 DIRTY DEVIL RIVER ABOVE POISON SPRING WASH, NEAR HANKSVILLE, UT

LOCATION.--Lat 38°05'39", long 110°24'24", in SE¹/₄SW¹/₄SE¹/₄ sec. 20, T. 31 S., R. 14 E., Garfield County, Hydrologic Unit 14070004, on right bank 0.25 mi upstream from Poison Spring Wash and 25.5 mi southeast of Hanksville.

DRAINAGE AREA.--4,159 mi².

PERIOD OF RECORD.--June 1948 to September 30, 1993, May 2, 2001 to current year.

REVISED RECORDS.--WDR UT-77-1: Drainage area. WDR UT-80-1: 1979, 1977-79(P).

GAGE.--Water-stage recorder. Elevation of gage is 3,850 ft above NGVD of 1929, from topographic map. Prior to July 15, 1964, at site 28 mi downstream at different datum. July 15, 1964 to December 14, 1976, approximately 1,200 ft upstream at datum 4.83 ft higher. December 15, 1976 to September 30, 1980 at site 400 ft upstream at datum 4.28 ft higher.

REMARKS.--Records poor. Many diversions for irrigation above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, about 35,000 ft³/s Nov 4, 1957, gage height, 28.1 from floodmarks, site and datum then in use, from rating curve extended above 9,000 ft³/s on basis of slope-area measurement at gage height 20.65; no flow at times many years.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,700 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct 3	1900	*2,030	*9.87				

Minimum daily discharge, 1.0 ft³/s, Jul 15.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	e64	e94	e130	124	e128	123	e140	35	e60	e6.0	e7.6
2	18	e64	e95	e130	119	129	132	e110	36	e32	e3.0	e7.0
3	661	e66	e96	e128	e112	127	e140	e94	31	e37	e2.0	e6.4
4	395	e66	e94	e123	126	127	e136	e82	28	e24	e1.3	e5.6
5	e90	e68	e93	117	138	127	e147	e84	e21	e10	e98	e5.4
6	e80	e68	e96	e96	141	128	e140	e75	e20	e7.0	e80	e5.2
7	e70	e72	e98	e94	134	125	e140	e76	e20	e6.0	e60	e4.9
8	e60	e70	e120	e108	120	129	e160	e80	e19	e5.0	e50	e4.9
9	e50	e70	e110	e130	126	133	e155	e70	e19	e4.5	e40	e4.9
10	44	e74	e105	124	123	137	e150	73	e18	e3.5	e30	e4.7
11	45	e74	e100	121	e117	137	e140	76	e17	e2.5	e20	e4.4
12	46	e80	e98	116	122	139	e133	e70	e17	e1.9	e15	e4.0
13	48	e94	e96	120	119	137	e130	e66	e17	e1.4	e12	e3.7
14	48	e110	e96	120	e107	134	e128	e60	21	e1.2	e10	e3.4
15	47	e98	e95	121	e105	135	e126	e62	21	e1.0	e8.0	e3.0
16	46	e92	e90	122	e105	132	e123	e58	e16	e1.3	e15	e2.9
17	46	e94	e80	120	e115	130	e120	e62	e15	e1.4	e33	e2.8
18	45	e94	e72	121	132	136	e130	e58	e15	e10	e60	e2.7
19	46	e95	e70	120	137	128	e138	e50	e14	89	168	e2.5
20	49	e96	e75	126	140	133	e128	e43	e14	e60	e60	e10
21	51	e97	98	131	141	131	e140	e45	e13	e31	e50	e22
22	51	e92	e110	127	135	134	e150	e45	e13	e23	e52	e16
23	52	e94	e105	e116	136	134	e210	44	e15	e15	e40	e14
24	53	e90	e105	e115	138	144	e170	e43	15	e13	e32	e18
25	58	e88	e100	e115	165	e132	e140	e47	13	e12	e23	e16
26	58	e90	e98	116	174	e130	e98	e40	12	e12	e19	e12
27	59	e90	252	113	155	e140	e80	e34	10	e24	e18	e12
28	e58	e92	e130	113	179	e135	75	31	8.6	e20	e14	e13
29	e62	e92	e96	118	e130	e130	66	30	e9.5	e15	e10	e14
30	e60	e93	e92	131	---	129	e100	31	e100	e11	e9.2	e55
31	e61	---	e110	137	---	122	---	31	---	e8.0	e8.0	---
TOTAL	2,576	2,527	3,169	3,719	3,815	4,092	3,948	1,910	623.1	542.7	1,046.5	288.0
MEAN	83.1	84.2	102	120	132	132	132	61.6	20.8	17.5	33.8	9.60
MAX	661	110	252	137	179	144	210	140	100	89	168	55
MIN	18	64	70	94	105	122	66	30	8.6	1.0	1.3	2.5
AC-FT	5,110	5,010	6,290	7,380	7,570	8,120	7,830	3,790	1,240	1,080	2,080	571

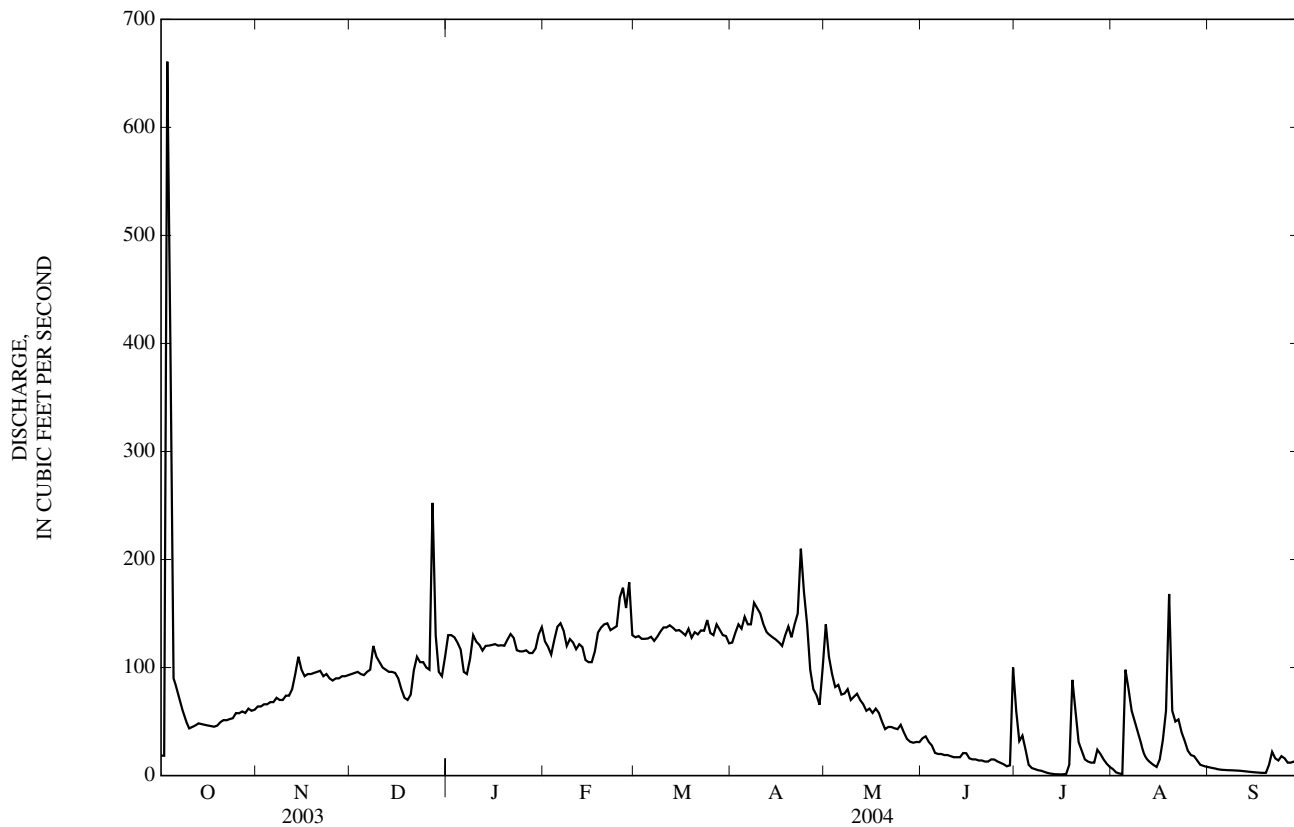
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1949-93, 2001-04, BY WATER YEAR (WY)

MEAN	97.3	125	96.5	98.6	135	138	106	81.0	65.8	54.0	90.0	86.5
MAX	666	1,059	174	158	277	320	384	280	549	277	538	635
(WY)	(1958)	(1958)	(1985)	(1950)	(1978)	(1949)	(1985)	(1958)	(1983)	(1950)	(1957)	(1961)
MIN	25.6	52.5	22.8	33.5	43.5	68.9	15.8	1.34	0.00	0.00	0.16	0.23
(WY)	(1956)	(1978)	(1979)	(1979)	(1979)	(1967)	(1967)	(1972)	(1977)	(1991)	(1960)	(1979)

09333500 DIRTY DEVIL RIVER ABOVE POISON SPRING WASH, NEAR HANKSVILLE, UT—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1949-93, 2001-04	
ANNUAL TOTAL	25,030.00		28,256.3			
ANNUAL MEAN	68.6		77.2		97.8	
HIGHEST ANNUAL MEAN					250	1958
LOWEST ANNUAL MEAN					51.1	1956
HIGHEST DAILY MEAN	661	Oct 3	661	Oct 3	14,000	Nov 4, 1957
LOWEST DAILY MEAN	0.00	Jun 27	1.0	Jul 15	0.00	Jun 5, 1954
ANNUAL SEVEN-DAY MINIMUM	0.00	Jun 27	1.5	Jul 11	0.00	Jul 1, 1960
ANNUAL RUNOFF (AC-FT)	49,650		56,050		70,840	
10 PERCENT EXCEEDS	113		136		172	
50 PERCENT EXCEEDS	65		76		78	
90 PERCENT EXCEEDS	0.00		8.0		1.7	

e Estimated



ESCALANTE RIVER BASIN

09337000 PINE CREEK NEAR ESCALANTE, UT

LOCATION.--Lat 37°51'45", long 111°38'07", in SW¼NE¼SW¼ sec. 12, T. 34 S., R. 2 E., Garfield County, Hydrologic Unit 14070005, Dixie National Forest, on right bank 0.1 mi downstream from "The Box" canyon, 0.2 mi upstream from unnamed right bank tributary, and 7.0 mi north of Escalante.

DRAINAGE AREA.--68.1 mi².

PERIOD OF RECORD.--July 1950 to September 1955, July 1957 to current year.

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

GAGE.--Water-stage recorder. Crest-stage gage since June 16, 1994. Elevation of gage is 6,400 ft above NGVD of 1929, from topographic map. Prior to August 15, 1978, on left bank at same datum.

REMARKS.--Records good except for daily discharges less than 2.0 ft³/s and estimated daily discharges, which are poor. Some regulation of low flow by several small headwater reservoirs (combined capacity 2,120 acre-ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,010 ft³/s, Aug 2, 1967, gage height, 7.72 ft, from rating curve extended above 180 ft³/s on basis of slope-area measurement at gage heights, 4.21 ft and 7.52 ft; no flow at times in some years.

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

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jul 24	1435	*108	*3.36	No other peak greater than base discharge.			

Minimum daily discharge, 0.50 ft³/s, Jan 26.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.00	1.3	e0.90	e0.80	e0.60	e0.90	1.4	3.7	2.0	1.9	0.74	0.66
2	1.3	1.3	e0.90	e0.80	e0.60	e0.90	1.9	4.0	1.9	1.7	0.91	0.66
3	2.4	1.6	e0.90	e0.70	e0.80	e1.0	2.8	7.4	2.6	1.5	1.1	0.63
4	1.7	1.4	e0.80	e0.60	e0.70	e1.0	2.3	11	2.6	1.2	0.91	0.64
5	1.3	1.4	e0.90	e0.60	e0.70	e1.1	1.9	14	2.7	1.1	0.92	0.73
6	1.2	1.3	e0.90	e0.60	e0.70	e1.1	2.0	17	2.9	1.1	0.88	0.72
7	1.2	1.4	e1.0	e0.70	e0.70	e1.2	2.3	12	2.9	0.98	1.1	0.70
8	1.2	1.3	e0.90	e0.70	e0.70	e1.3	2.3	11	2.9	0.90	0.78	0.67
9	1.2	1.3	e0.70	e0.70	e0.70	e1.4	2.3	10	2.9	0.89	0.64	0.72
10	1.2	1.4	e0.70	e0.70	e0.60	e1.4	2.2	8.6	3.1	0.86	0.62	1.1
11	1.2	1.3	e0.80	e0.70	e0.70	e1.4	2.1	7.1	3.2	0.84	0.61	0.84
12	1.2	1.3	e0.70	e0.70	e0.60	e1.4	2.0	4.7	3.2	0.80	0.59	0.86
13	1.2	1.7	e0.70	e0.70	e0.60	e1.4	1.9	3.9	3.0	0.76	0.59	0.77
14	1.1	1.4	e0.80	e0.70	e0.70	e1.5	2.0	3.4	2.9	0.72	0.59	0.70
15	1.1	1.3	e0.70	e0.70	e0.70	e1.4	2.0	3.1	2.8	0.78	0.58	0.67
16	1.1	1.5	e0.70	e0.70	e0.80	e1.5	2.0	2.8	2.9	0.95	0.61	0.66
17	1.1	1.4	e0.70	e0.70	e0.90	1.6	2.2	2.7	3.1	1.2	0.65	0.66
18	1.1	1.3	e0.80	e0.70	e1.0	1.6	2.4	2.6	3.0	1.0	0.66	0.66
19	1.1	1.3	e0.90	e0.80	e0.90	1.7	2.2	2.4	2.8	0.93	3.7	2.5
20	1.1	1.4	e1.0	e0.80	e0.90	1.8	2.0	2.4	2.7	0.91	1.2	1.8
21	1.1	1.4	e1.0	e0.70	e0.90	1.8	2.0	2.3	2.6	0.89	1.6	1.2
22	1.1	e0.90	e1.1	e0.70	e0.90	1.8	2.1	2.2	2.6	0.81	1.8	1.2
23	1.1	e0.80	e1.0	e0.70	e1.0	1.9	2.2	2.3	2.5	0.85	0.93	1.2
24	1.1	e0.90	e1.0	e0.70	e0.90	1.8	2.1	2.1	2.4	4.2	0.81	1.2
25	1.1	e1.0	e1.1	e0.70	e0.80	1.7	2.1	1.9	2.3	1.2	0.80	1.1
26	1.2	e0.90	e1.0	e0.50	e0.90	1.7	2.1	2.7	2.4	1.5	0.74	1.1
27	1.3	e0.90	e0.80	e0.60	e0.90	1.6	2.5	6.1	3.9	1.4	0.71	1.1
28	1.3	e0.90	e0.70	e0.70	e0.80	1.4	3.2	5.0	2.5	1.4	0.70	1.0
29	1.2	e0.90	e0.70	e0.80	e0.80	1.4	5.9	3.8	2.5	0.98	0.70	1.2
30	1.2	e0.90	e1.0	e0.80	---	1.5	4.4	3.2	2.2	0.87	0.68	1.2
31	1.2	---	e0.80	e0.70	---	1.5	---	2.5	---	0.73	0.66	---
TOTAL	37.90	37.10	26.60	21.70	22.50	44.70	70.8	167.9	82.0	35.85	28.51	28.85
MEAN	1.22	1.24	0.86	0.70	0.78	1.44	2.36	5.42	2.73	1.16	0.92	0.96
MAX	2.4	1.7	1.1	0.80	1.0	1.9	5.9	17	3.9	4.2	3.7	2.5
MIN	1.0	0.80	0.70	0.50	0.60	0.90	1.4	1.9	1.9	0.72	0.58	0.63
AC-FT	75	74	53	43	45	89	140	333	163	71	57	57

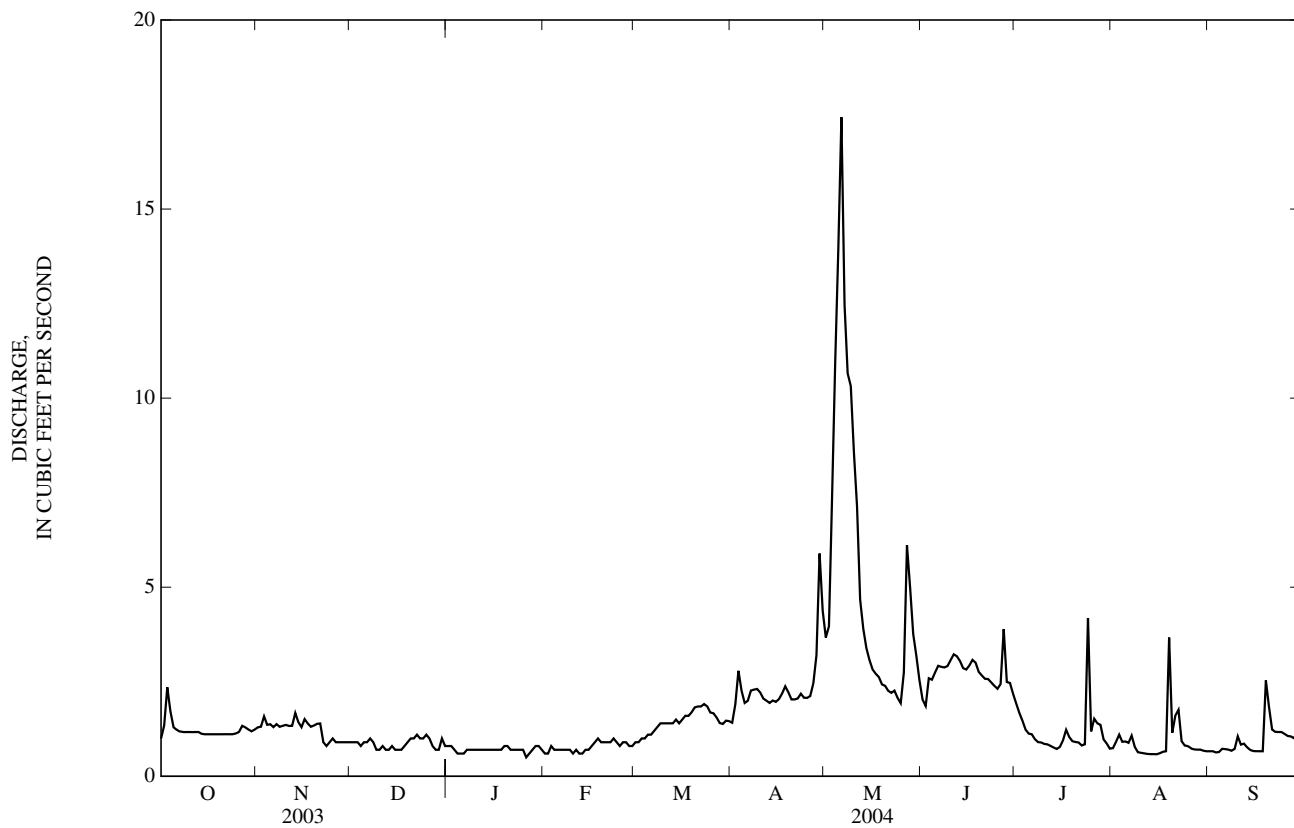
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951-1955, 1958-2004, BY WATER YEAR (WY)

MEAN	3.10	2.85	2.26	2.23	2.24	2.75	6.75	16.7	7.04	5.42	4.74	4.06
MAX	9.65	8.09	6.25	6.20	6.70	6.78	28.9	50.9	34.5	25.4	15.2	16.5
(WY)	(1999)	(1999)	(1984)	(1999)	(1984)	(1999)	(1987)	(1958)	(1983)	(1983)	(1983)	(1998)
MIN	0.00	0.00	0.00	0.05	0.04	0.05	0.07	0.21	0.00	0.00	0.00	0.00
(WY)	(1965)	(1965)	(1965)	(1965)	(1965)	(1965)	(1977)	(1977)	(1977)	(1955)	(1954)	(1955)

09337000 PINE CREEK NEAR ESCALANTE, UT—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1951-55,1958-2004	
ANNUAL TOTAL	759.95		604.41		5.03	
ANNUAL MEAN	2.08		1.65		12.5 1983	
HIGHEST ANNUAL MEAN					0.62 1977	
LOWEST ANNUAL MEAN					205 May 18, 1964	
HIGHEST DAILY MEAN	15	Apr 27	17	May 6	0.00 Mar 12, 1954	
LOWEST DAILY MEAN	0.52	Jul 19	0.50	Jan 26	0.00 Jun 17, 1954	
ANNUAL SEVEN-DAY MINIMUM	0.54	Jul 14	0.60	Aug 10		
ANNUAL RUNOFF (AC-FT)	1,510		1,200		3,650	
10 PERCENT EXCEEDS	3.8		2.9		9.2	
50 PERCENT EXCEEDS	1.7		1.1		3.0	
90 PERCENT EXCEEDS	0.70		0.70		0.62	

e Estimated



09337500 ESCALANTE RIVER NEAR ESCALANTE, UT

LOCATION.--Lat 37°46'41", long 111°34'26", in NE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 9, T. 35 S., R. 3 E., Garfield County, Hydrologic Unit 14070005, Bureau of Land Management, on left bank 150 ft downstream from Pine Creek and 1.5 mi northeast of Escalante.

DRAINAGE AREA.--320 mi².

PERIOD OF RECORD.--August 1909 to April 1913, October 1942 to September 1955, December 1971 to current year. Published as Escalante Creek near Escalante 1909-13.

REVISED RECORDS.--WSP 1149: 1943(M), 1944, 1945(M). WDR UT-73-1: 1972.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 5,670 ft above NGVD of 1929, from topographic map. Prior to April 30, 1913, staff at approximately same site at different datum.

REMARKS.--Records good except for daily discharges less than 2.0 ft³/s and estimated daily discharges, which are poor. Regulation of low flows by diversion into Wide Hollow Reservoir (an off-stream storage site about 4 mi upstream; capacity about 2,300 acre-feet) and by diversion on Pine Creek for irrigation of about 2,300 acres.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,550 ft³/s, Aug 24, 1998, gage height, 11.05 ft, from rating curve extended above 150 ft³/s on basis of slope-area measurements at gage heights, 5.31 ft, 6.25 ft, 7.59 ft, and 11.05 ft; minimum daily, 0.07 ft³/s, Jul 11, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 674 ft³/s, Mar 13, gage height, 4.58 ft; minimum daily discharge, 0.10 ft³/s, on many days in Jul and Aug.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.16	0.66	6.5	0.91	1.8	1.5	2.5	1.1	0.38	0.21	e0.10	0.14
2	0.24	0.66	7.0	1.3	1.8	1.4	3.7	1.1	0.38	0.17	e0.10	0.14
3	2.7	0.76	4.0	1.7	1.8	1.4	6.0	1.1	0.35	0.16	e0.10	0.13
4	0.41	0.82	2.8	1.8	1.8	2.3	4.5	3.1	0.32	0.14	e0.10	0.14
5	0.27	0.74	2.0	1.8	1.3	4.0	3.8	5.3	0.32	e0.10	e0.10	0.12
6	0.25	0.74	1.9	1.8	0.96	1.3	3.8	9.5	0.31	e0.10	11	0.13
7	0.23	0.74	2.0	1.2	2.6	5.2	3.4	4.3	0.31	e0.10	18	0.12
8	0.22	0.78	2.0	e0.20	1.6	12	2.6	7.1	0.25	e0.10	0.25	0.11
9	0.22	0.89	2.6	e0.20	1.6	19	2.6	4.8	0.25	e0.10	0.15	0.12
10	0.22	1.8	1.7	0.46	e1.4	24	2.3	2.0	0.27	e0.10	0.14	0.18
11	0.22	1.9	1.7	0.81	e1.6	22	2.3	1.8	0.27	e0.10	0.14	0.14
12	0.22	1.9	2.2	1.1	e1.3	22	2.3	1.5	0.28	e0.10	0.14	0.14
13	0.27	2.9	1.9	1.6	e1.4	24	2.2	0.66	0.26	e0.10	0.14	0.12
14	0.27	2.2	2.0	1.5	e1.5	23	2.2	0.66	0.23	e0.20	0.14	0.12
15	0.27	2.0	3.2	1.5	e1.6	18	2.2	0.66	0.26	e0.20	0.14	0.11
16	0.27	2.1	6.8	1.5	e1.9	14	1.9	0.66	0.40	2.3	0.16	0.12
17	0.30	2.1	6.4	1.5	1.9	13	1.6	0.66	0.42	1.6	0.14	0.12
18	0.31	1.8	4.3	1.5	1.9	8.9	1.6	0.90	0.36	22	0.13	0.12
19	0.31	1.8	1.2	1.5	1.9	3.1	1.5	1.5	0.29	0.14	7.4	34
20	0.31	1.9	1.2	1.6	1.8	3.0	1.5	1.9	0.29	e0.10	12	1.4
21	0.31	2.0	1.9	2.6	1.6	2.9	1.4	1.2	0.30	e0.10	4.0	0.33
22	0.31	2.1	1.9	1.4	1.7	2.9	1.4	1.8	0.31	e0.10	5.0	0.22
23	0.31	1.9	2.5	0.57	2.3	2.9	1.2	1.3	0.34	e0.10	0.45	0.19
24	0.32	0.93	1.9	0.77	2.2	11	1.0	1.0	0.25	e0.40	0.18	0.19
25	0.45	0.78	1.9	1.3	1.8	18	1.0	0.60	0.29	e20	0.16	0.19
26	0.47	1.3	4.3	1.4	1.7	21	1.0	0.41	0.30	11	0.15	0.19
27	0.50	1.1	2.5	2.5	1.8	7.8	1.0	0.35	0.34	4.4	0.14	0.18
28	0.59	0.84	2.5	1.3	1.5	3.3	1.2	0.34	3.0	0.50	0.14	0.17
29	0.59	0.64	2.5	0.93	1.6	2.8	1.2	0.38	22	0.10	0.14	0.23
30	0.61	4.4	1.4	1.7	---	2.7	1.2	0.38	0.55	e0.10	0.14	0.23
31	0.62	---	0.77	1.8	---	2.6	---	0.38	---	e0.10	0.14	---
TOTAL	12.75	45.18	87.47	41.75	49.66	301.0	66.1	58.44	33.88	65.02	61.21	39.84
MEAN	0.41	1.51	2.82	1.35	1.71	9.71	2.20	1.89	1.13	2.10	1.97	1.33
MAX	2.7	4.4	7.0	2.6	2.6	24	6.0	9.5	22	22	18	34
MIN	0.16	0.64	0.77	0.20	0.96	1.3	1.0	0.34	0.23	0.10	0.10	0.11
AC-FT	25	90	173	83	99	597	131	116	67	129	121	79

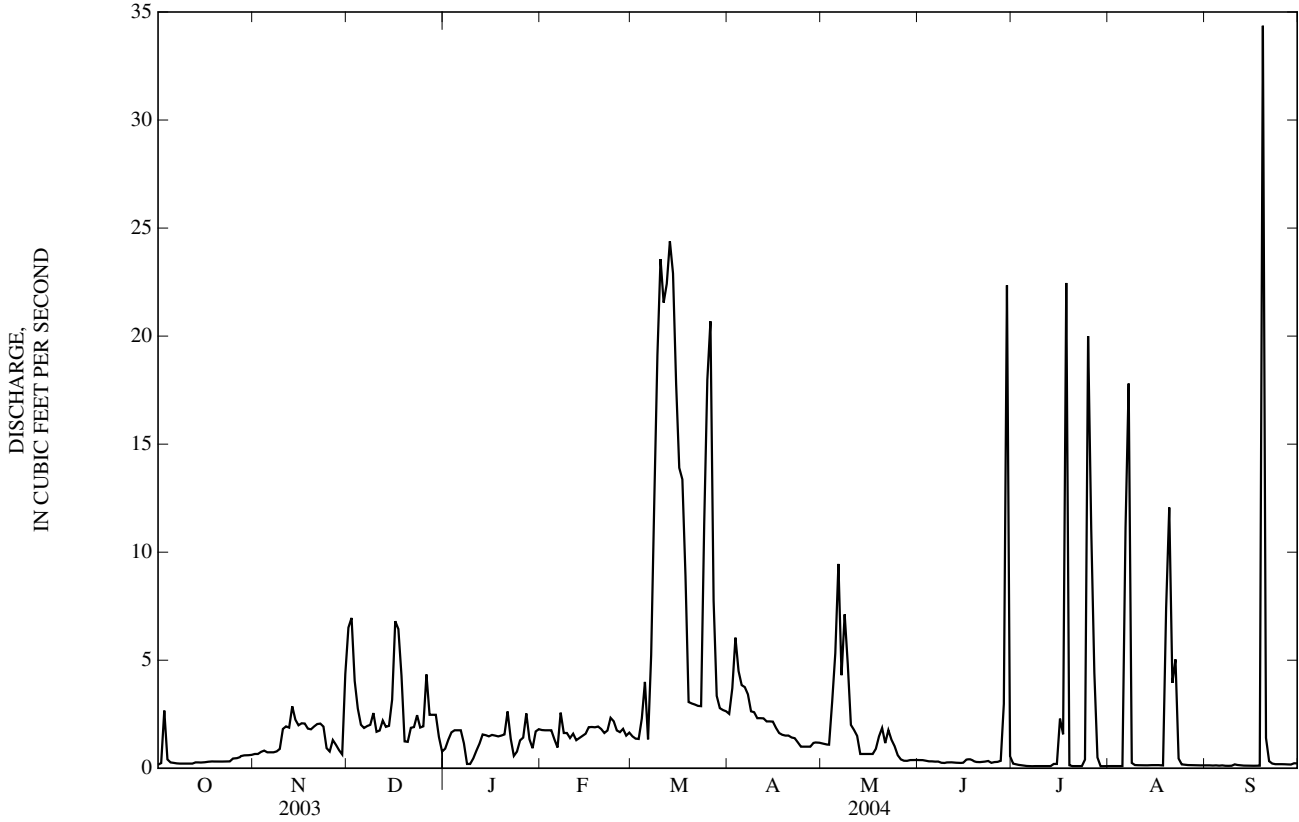
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 2004, BY WATER YEAR (WY)

MEAN	7.41	6.72	7.07	8.25	10.1	12.3	13.3	22.1	17.2	5.95	8.15	6.86
MAX	29.9	23.8	18.1	26.4	23.8	39.7	54.8	124	125	30.5	30.8	39.4
(WY)	(1973)	(1988)	(1943)	(1950)	(1943)	(1989)	(1993)	(1973)	(1983)	(1944)	(1983)	(1998)
MIN	0.41	0.80	0.77	0.96	1.21	0.67	1.23	0.88	0.47	0.28	0.31	0.73
(WY)	(2004)	(1991)	(1991)	(1991)	(1993)	(1991)	(1990)	(1954)	(2003)	(2003)	(2002)	(1955)

09337500 ESCALANTE RIVER NEAR ESCALANTE, UT—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1943 - 2004	
ANNUAL TOTAL	665.48		862.30		10.6	
ANNUAL MEAN	1.82		2.36		30.7	
HIGHEST ANNUAL MEAN					1.49	1973
LOWEST ANNUAL MEAN					367	1991
HIGHEST DAILY MEAN	14	Sep 6	34	Sep 19	0.07	Sep 11, 1998
LOWEST DAILY MEAN	0.15	Sep 24	0.10	Jul 5	0.10	Jul 11, 1990
ANNUAL SEVEN-DAY MINIMUM	0.15	Sep 24	0.10	Jul 5	0.10	Jul 5, 2004
ANNUAL RUNOFF (AC-FT)	1,320		1,710		7,670	
10 PERCENT EXCEEDS	4.0		4.4		23	
50 PERCENT EXCEEDS	1.1		1.2		4.7	
90 PERCENT EXCEEDS	0.25		0.14		0.95	

e Estimated



09338900 DEER CREEK NEAR BOULDER, UT

LOCATION.--Lat 37°51'12", long 111°21'16", in NW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 16, T. 34 S., R. 5 E., Garfield County, Hydrologic Unit 14070005, Grand Staircase Escalante National Monument, on right bank 150 ft downstream from Burr Trail crossing and 6.3 mi east of Boulder.

DRAINAGE AREA.--62.7 mi².

PERIOD OF RECORD.--Occasional low-flow measurements and annual maximums, water years 1959-74. September 2001 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 5,670 ft above NGVD of 1929, from topographic map. July 8, 1959 to September 30, 1974, crest-stage gage at site 160 ft downstream on left bank at datum 8.00 ft higher.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,820 ft³/s, Aug 3, 1961, gage height, 14.00 ft, from rating curve extended above about 5 ft³/s on basis of slope-area measurements at gage heights 11.50 ft, 12.50 ft, and 14.00 ft (datum then in use); minimum daily, some flow in most years but dry on occasion.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,270 ft³/s, Aug 6, gage height, 7.58 ft; minimum daily discharge, 3.7 ft³/s, Jul 31.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.8	6.4	7.0	11	9.7	12	8.0	7.0	e5.4	4.3	3.8	4.1
2	5.0	6.5	7.0	11	9.6	12	8.8	6.8	e5.2	4.1	4.5	4.0
3	5.3	6.6	9.6	11	10	12	8.3	6.6	e5.1	4.1	4.6	3.9
4	5.3	6.5	10	9.8	10	12	7.6	6.5	e5.0	4.0	4.4	4.3
5	5.3	6.5	10	8.8	9.8	e12	7.3	6.3	e5.3	4.0	4.3	4.4
6	5.2	6.5	10	9.4	9.7	e12	7.4	6.2	e5.2	4.1	87	4.4
7	5.2	6.6	10	10	9.5	e13	8.2	6.0	e5.2	4.0	16	4.3
8	5.1	6.6	11	10	9.6	e15	8.5	5.8	e4.7	3.9	5.2	4.3
9	5.0	6.7	8.9	10	9.8	e18	8.4	5.6	e4.7	3.9	4.4	4.4
10	5.1	6.8	9.9	9.7	9.9	e19	7.3	5.6	e5.0	4.0	4.1	4.4
11	5.2	6.7	10	9.8	10	e19	6.9	5.5	e5.2	3.9	4.0	4.5
12	5.3	6.9	11	9.5	9.9	e19	6.8	5.7	e4.5	3.9	3.9	4.6
13	5.4	11	11	9.4	9.8	e19	6.5	5.7	e4.6	3.9	3.9	4.5
14	5.5	6.9	11	9.4	9.9	e20	6.5	5.6	e4.4	4.3	4.0	4.5
15	5.5	7.0	10	9.5	9.6	e22	6.4	5.5	e4.4	4.6	4.0	4.6
16	5.5	6.9	8.9	9.5	9.5	e20	6.6	5.5	4.8	4.3	4.1	4.5
17	5.5	6.9	9.3	9.5	9.7	e20	6.7	5.5	e5.5	5.7	4.3	4.5
18	5.5	6.8	10	9.5	10	e18	7.0	5.5	e5.0	5.2	4.4	4.6
19	5.6	6.9	11	9.7	11	e17	6.9	5.6	e4.6	4.8	4.5	52
20	5.6	7.0	10	9.8	10	e14	6.8	5.7	e4.6	4.7	4.5	5.8
21	5.7	7.0	10	9.6	11	e14	6.8	5.2	e4.8	4.5	4.8	5.5
22	5.7	6.9	10	9.6	12	15	7.0	5.3	e4.2	4.4	4.6	5.1
23	5.8	6.7	10	9.8	13	22	6.9	5.3	4.2	4.2	4.4	5.3
24	6.1	7.0	10	9.8	15	e18	6.8	5.2	4.2	4.2	4.2	5.1
25	6.1	7.1	12	9.8	14	e10	6.6	5.2	4.3	4.2	4.2	5.0
26	6.2	6.9	34	9.6	12	9.7	6.6	5.1	8.7	4.3	4.1	5.0
27	6.4	7.0	10	9.3	14	8.5	6.5	5.2	4.6	7.9	4.1	5.0
28	6.5	7.2	10	9.3	13	7.9	6.3	e5.0	4.7	4.6	4.1	4.9
29	6.4	7.5	10	9.4	12	8.2	6.7	e5.6	4.6	4.6	4.1	5.2
30	6.3	7.1	11	9.6	---	8.0	7.2	e5.5	4.4	4.0	4.1	5.2
31	6.4	---	11	9.8	---	8.5	---	e5.5	---	3.7	4.0	---
MEAN	5.60	6.97	10.8	9.74	10.8	14.7	7.14	5.69	4.90	4.40	7.31	6.26
MAX	6.5	11	34	11	15	22	8.8	7.0	8.7	7.9	87	52
MIN	4.8	6.4	7.0	8.8	9.5	7.9	6.3	5.0	4.2	3.7	3.8	3.9

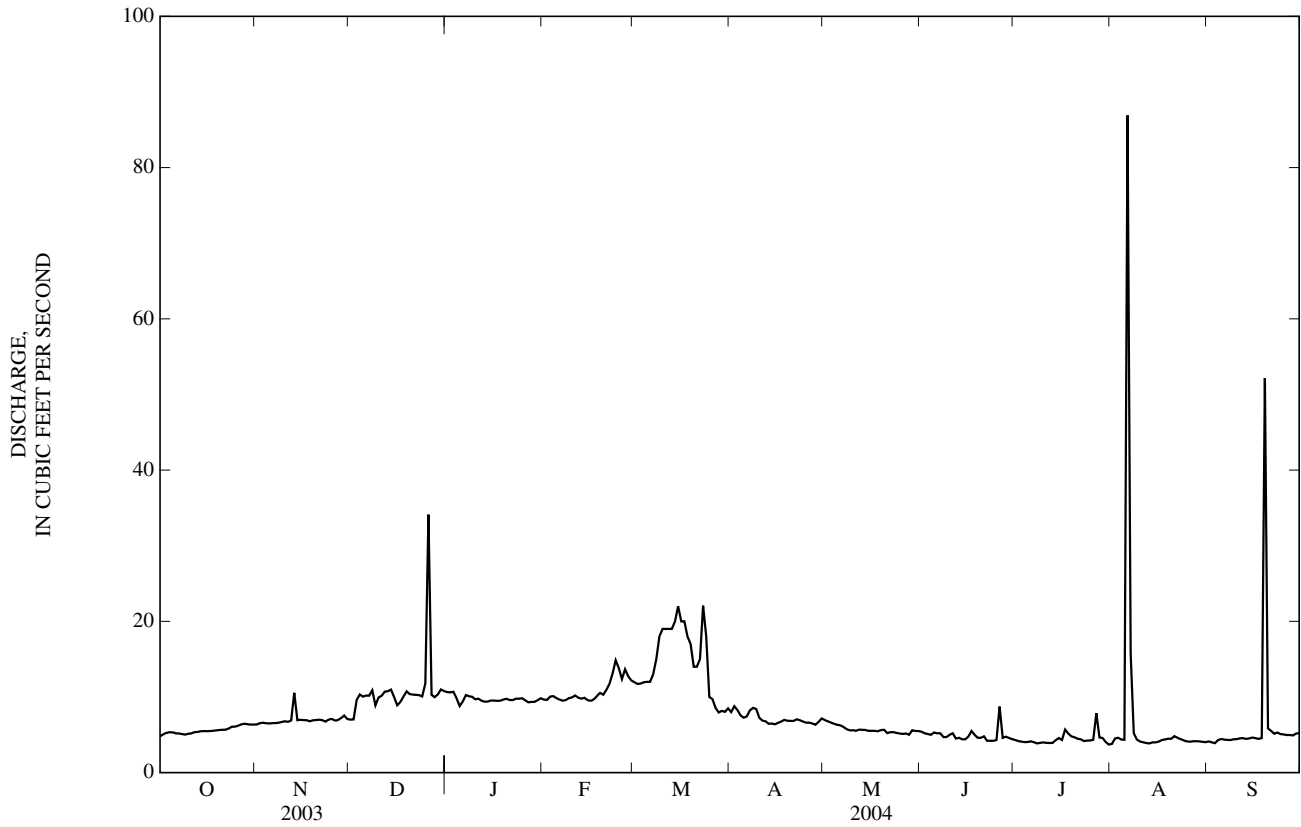
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2004, BY WATER YEAR (WY)

MEAN	7.30	8.64	10.1	9.84	9.35	11.0	6.66	7.50	4.40	4.43	5.96	8.95
MAX	9.84	11.7	10.8	10.2	10.8	14.7	7.14	11.5	4.90	4.57	7.31	15.7
(WY)	(2003)	(2002)	(2004)	(2003)	(2004)	(2004)	(2004)	(2003)	(2004)	(2003)	(2004)	(2002)
MIN	5.60	6.97	9.59	9.57	7.51	8.67	6.04	5.32	4.09	4.34	5.10	4.84
(WY)	(2004)	(2004)	(2002)	(2002)	(2003)	(2003)	(2002)	(2002)	(2003)	(2002)	(2003)	(2003)

09338900 DEER CREEK NEAR BOULDER, UT—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2001 - 2004	
ANNUAL MEAN	7.23		7.85		7.84	
HIGHEST ANNUAL MEAN					8.11	2002
LOWEST ANNUAL MEAN					7.55	2003
HIGHEST DAILY MEAN	176	May 15	87	Aug 6	245	Sep 16, 2001
LOWEST DAILY MEAN	3.1	Jul 13	3.7	Jul 31	3.1	Jul 13, 2003
ANNUAL SEVEN-DAY MINIMUM	3.2	Jul 9	3.9	Jul 7	3.2	Jul 9, 2003
10 PERCENT EXCEEDS	10		12		11	
50 PERCENT EXCEEDS	6.5		6.5		6.7	
90 PERCENT EXCEEDS	4.0		4.2		4.2	

e Estimated



09339000 BOULDER CREEK NEAR BOULDER, UT

LOCATION.--Lat 37°46'55", long 111°21'34", in NE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 9, T. 35 S., R. 5 E., Garfield County, Hydrologic Unit 14070005, Grand Staircase Escalante National Monument, on right bank 0.4 mi downstream of Deer Creek, 3.8 mi upstream of mouth, and 11 miles south of Boulder.

DRAINAGE AREA.--173 mi².

PERIOD OF RECORD.--July 1950 to September 1955. December 2002 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 5,260 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for flows greater than 80 ft³/s and estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,650 ft³/s, Jul 25,, 1955, gage height, 10.24 ft; minimum daily, 5.0 ft³/s, Jul 10-16, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 960 ft³/s, Jul 24, gage height, 6.32 ft; minimum daily discharge, 5.7 ft³/s, Jun 9.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.4	28	30	34	29	34	19	13	7.4	7.7	e8.0	7.0
2	8.4	28	29	37	29	34	26	12	7.3	7.1	e8.0	6.9
3	36	e28	31	34	36	34	27	11	7.0	6.8	e8.0	6.6
4	10	e28	33	26	34	34	24	11	6.8	6.7	8.0	7.1
5	9.3	e28	30	22	33	34	27	10	6.8	6.6	7.5	7.6
6	9.1	e28	30	24	32	34	28	10	6.8	6.7	9.5	7.5
7	9.3	e28	30	32	31	36	28	9.9	6.3	6.7	32	7.4
8	9.8	e28	37	31	33	37	33	9.8	6.0	6.2	12	7.3
9	11	e29	30	32	32	40	30	9.6	5.7	6.2	9.1	7.3
10	12	e29	29	32	32	41	26	9.4	6.0	6.5	7.6	7.6
11	13	e29	32	33	33	41	22	45	6.2	6.3	7.4	7.6
12	16	e35	31	32	30	41	21	44	6.1	6.2	7.3	7.9
13	18	e50	32	32	31	43	21	22	6.0	6.2	7.1	7.5
14	18	29	34	32	33	43	18	16	5.8	16	7.1	7.4
15	18	28	29	33	33	43	18	13	5.9	7.7	7.3	7.5
16	18	28	22	32	33	42	18	11	6.2	7.3	7.3	7.6
17	18	28	28	32	32	43	16	25	7.3	6.7	9.3	7.5
18	19	27	31	32	33	42	16	32	7.3	8.7	10	7.5
19	19	28	33	32	34	42	16	74	6.2	8.6	8.4	47
20	19	28	35	32	33	39	15	94	5.8	7.7	8.3	11
21	20	28	36	31	34	42	14	43	6.1	7.3	12	9.8
22	21	28	34	31	35	45	14	24	6.4	6.9	9.2	9.2
23	22	23	32	31	38	48	14	16	6.0	6.5	8.2	9.5
24	23	24	32	32	43	46	14	13	6.1	34	7.5	9.1
25	23	30	35	32	36	35	14	9.5	6.5	e10	7.4	8.9
26	25	29	71	27	38	27	13	8.4	11	15	7.0	8.8
27	25	27	28	29	48	25	12	7.9	13	e11	7.1	8.9
28	26	27	25	33	36	26	13	7.4	8.6	e9.0	7.2	8.9
29	26	29	25	33	35	24	13	7.7	14	e8.5	7.1	9.6
30	27	30	35	34	---	22	14	7.7	9.0	e8.5	7.0	10
31	28	---	35	33	---	19	---	7.5	---	e8.0	6.9	---
TOTAL	564.3	867	1,004	972	989	1,136	584	633.8	215.6	273.3	275.8	283.5
MEAN	18.2	28.9	32.4	31.4	34.1	36.6	19.5	20.4	7.19	8.82	8.90	9.45
MAX	36	50	71	37	48	48	33	94	14	34	32	47
MIN	7.4	23	22	22	29	19	12	7.4	5.7	6.2	6.9	6.6
AC-FT	1,120	1,720	1,990	1,930	1,960	2,250	1,160	1,260	428	542	547	562

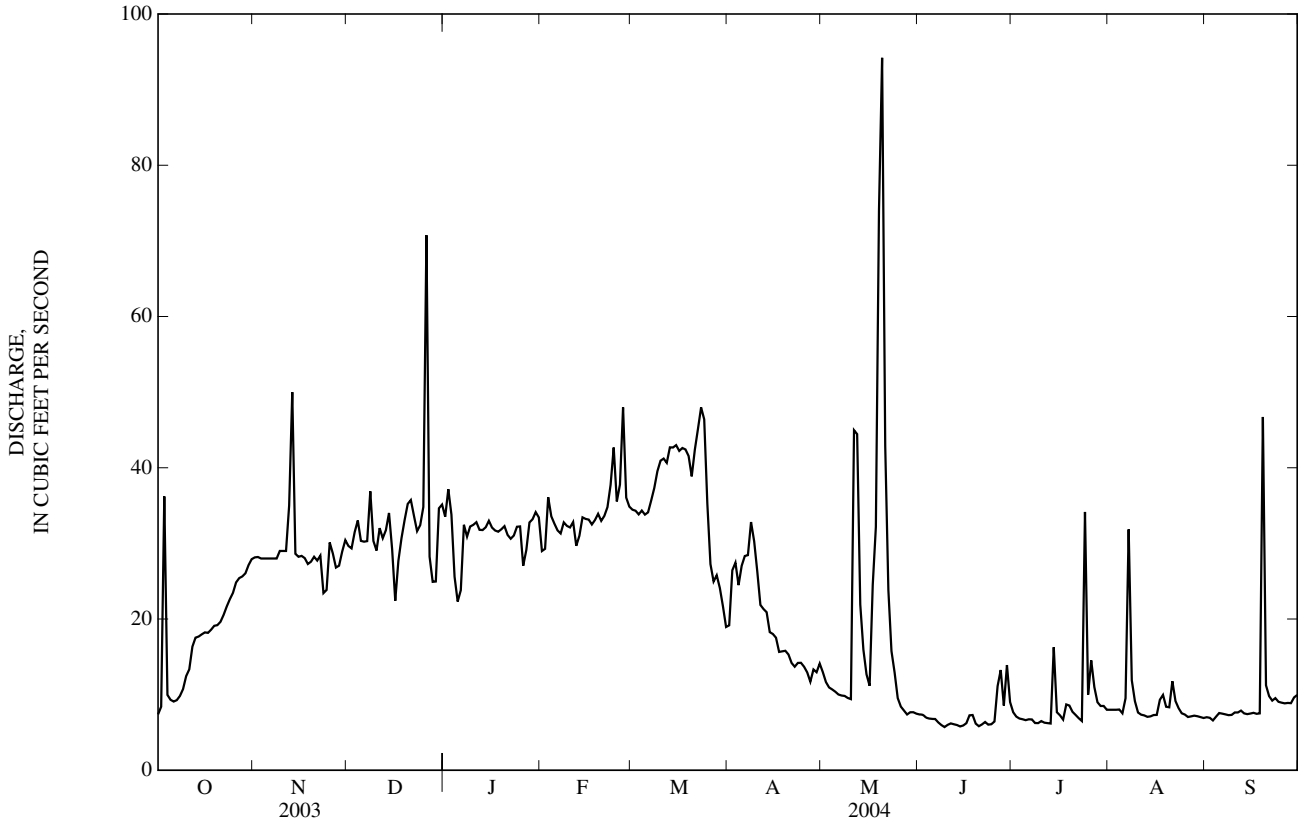
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950-1955, 2003-2004, BY WATER YEAR (WY)

MEAN	13.8	24.8	31.3	32.2	32.9	33.3	20.1	36.7	14.0	10.3	12.2	11.3
MAX	18.2	34.2	49.2	43.7	41.7	38.2	46.0	79.2	47.6	15.0	22.9	24.2
(WY)	(2004)	(1954)	(1953)	(1953)	(1953)	(1952)	(1952)	(1952)	(1952)	(1955)	(1951)	(1952)
MIN	10.5	15.5	21.8	22.6	20.5	25.8	12.1	14.2	7.03	6.25	7.96	7.27
(WY)	(1951)	(1955)	(1955)	(1955)	(1955)	(1954)	(1953)	(1953)	(2003)	(2003)	(1950)	(2003)

09339000 BOULDER CREEK NEAR BOULDER, UT—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1951-55, 2004	
ANNUAL TOTAL	8,732.4		7,798.3		22.7	
ANNUAL MEAN	23.9		21.3		32.0	
HIGHEST ANNUAL MEAN					1952	
LOWEST ANNUAL MEAN					1955	
HIGHEST DAILY MEAN	249	May 27	94	May 20	249	May 27, 2003
LOWEST DAILY MEAN	5.0	Jul 10	5.7	Jun 9	5.0	Jul 10, 2003
ANNUAL SEVEN-DAY MINIMUM	5.0	Jul 10	6.0	Jun 9	5.0	Jul 10, 2003
ANNUAL RUNOFF (AC-FT)	17,320		15,470		16,480	
10 PERCENT EXCEEDS	33		36		41	
50 PERCENT EXCEEDS	19		22		17	
90 PERCENT EXCEEDS	6.2		6.9		8.0	

e Estimated



09372400 NORTH CREEK NEAR MONTICELLO, UT

LOCATION.--Lat 37°52'36", long 109°26'43", in SW¹/₄NW¹/₄SW¹/₄ sec. 30, T. 33 S., R. 23 E., San Juan County, Hydrologic Unit 14080203, on the left bank and 5.5 mi west of Monticello.

DRAINAGE AREA.--2.72 mi².

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

GAGE.--Water-stage recorder. Elevation of gage is 8,540 ft above NGVD of 1929, from GPS.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 15.0 ft³/s, May 30, 2003, gage height, 3.62 ft; no flow many days during each year.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum observed discharge, 15.7 ft³/s, May 29, 2001, gage height, 3.58 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 9.0 ft³/s, Jun 5, gage height, 3.50 ft; no flow on many days in Oct.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.06	0.04	0.05	0.02	0.03	0.27	1.5	5.1	e0.36	0.23	0.17
2	0.00	0.06	0.04	0.05	0.02	0.03	0.32	1.5	5.4	e0.36	0.23	0.17
3	0.00	0.06	0.05	0.05	0.02	0.03	0.44	1.6	6.7	e0.35	0.24	0.18
4	0.00	0.05	0.05	0.05	0.02	0.03	0.47	1.9	8.1	e0.35	0.30	0.20
5	0.00	0.06	0.05	0.05	0.03	0.03	0.42	2.8	8.4	e0.34	0.24	0.19
6	0.00	0.06	0.04	0.05	0.03	0.03	0.36	4.5	8.1	e0.34	0.22	0.21
7	0.00	0.06	0.05	0.05	0.03	0.03	0.27	5.6	8.1	e0.34	0.21	0.22
8	0.00	0.06	0.04	e0.04	0.03	0.03	0.21	6.0	7.3	e0.33	0.21	0.22
9	0.00	0.06	0.05	e0.03	0.03	0.03	0.21	5.9	6.2	e0.33	0.20	0.21
10	0.00	0.05	0.05	e0.03	0.03	0.03	0.22	6.7	5.4	e0.33	0.20	0.21
11	0.00	0.05	0.05	e0.03	0.02	0.03	0.22	7.3	4.5	e0.33	0.20	0.20
12	0.00	0.05	0.05	0.03	0.02	0.04	0.20	6.3	3.8	e0.32	0.20	0.21
13	0.00	0.07	0.05	0.03	0.02	0.07	0.20	5.0	3.2	e0.32	0.20	0.21
14	0.00	0.07	0.05	0.03	0.02	0.10	0.21	4.4	2.9	e0.32	0.20	0.21
15	0.00	0.07	0.05	0.03	0.01	0.13	0.25	4.2	2.8	e0.32	0.22	0.21
16	0.00	0.06	0.05	0.03	0.01	0.15	0.30	4.5	2.7	0.32	0.21	0.22
17	0.00	0.07	0.05	0.03	0.01	0.16	0.39	5.0	2.5	0.35	0.22	0.22
18	0.00	0.07	0.05	0.03	0.02	0.18	0.47	5.4	2.2	0.37	0.22	0.23
19	0.00	0.07	0.05	0.03	0.01	0.21	0.45	6.6	1.9	0.41	0.22	0.22
20	0.00	0.06	0.04	0.03	0.01	e0.21	0.41	7.7	1.6	0.32	0.23	e0.24
21	0.00	0.06	0.04	0.03	0.01	e0.21	0.38	7.8	1.4	0.27	0.23	e0.30
22	0.01	0.06	0.04	0.03	0.01	0.22	0.37	7.2	1.1	0.26	0.23	e0.28
23	0.02	0.04	0.04	0.03	0.02	0.37	0.34	6.4	0.81	0.25	0.22	e0.22
24	0.03	0.04	0.04	0.03	0.02	0.54	0.31	5.7	0.45	0.23	0.21	0.14
25	0.03	0.05	0.04	0.02	0.02	0.63	0.29	5.4	0.36	0.20	0.21	0.07
26	0.03	0.05	0.04	0.02	0.02	0.66	0.28	5.5	0.34	0.33	0.21	e0.06
27	0.03	0.04	0.04	0.02	0.02	0.60	0.31	5.6	0.30	0.41	0.21	e0.05
28	0.03	0.04	0.04	0.02	0.03	0.43	0.53	6.2	e0.34	0.31	0.20	e0.04
29	0.03	0.04	0.04	0.02	0.03	0.33	1.1	7.2	e0.36	0.26	0.19	e0.04
30	0.05	0.04	0.04	0.02	---	0.27	1.4	6.6	e0.38	0.43	0.20	e0.03
31	0.05	---	0.04	0.02	---	0.24	---	5.6	---	0.26	0.18	---
TOTAL	0.31	1.68	1.39	1.01	0.59	6.08	11.60	163.6	102.74	10.02	6.69	5.38
MEAN	0.01	0.06	0.04	0.03	0.02	0.20	0.39	5.28	3.42	0.32	0.22	0.18
MAX	0.05	0.07	0.05	0.05	0.03	0.66	1.4	7.8	8.4	0.43	0.30	0.30
MIN	0.00	0.04	0.04	0.02	0.01	0.03	0.20	1.5	0.30	0.20	0.18	0.03
AC-FT	0.6	3.3	2.8	2.0	1.2	12	23	325	204	20	13	11

e Estimated

09376800 SPRING CREEK NEAR MONTICELLO, UT

LOCATION.--Lat 37°53'20", long 109°27'57", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 25, T. 33 S., R. 22 E., San Juan County, Hydrologic Unit 14080203, on the right bank, and 7.2 mi west of Monticello.

DRAINAGE AREA.--2.55 mi².

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

GAGE.--Water-stage recorder. Elevation of gage is 8,720 ft above NGVD of 1929, from GPS.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4.5 ft³/s, Sep 9, 2003, gage height, 2.56 ft; minimum daily discharge, 0.01 ft³/s, Feb 6, 2003.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum observed discharge, 10.1 3/fts, May 15, 2001, gage height, 2.60 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4.0 ft³/s, May 10, gage height, 2.42 ft; minimum daily discharge, 0.05 ft³/s, Jan 4.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.12	0.16	0.09	e0.07	0.10	e0.16	0.42	1.7	2.0	0.66	0.17	0.16
2	0.31	0.18	0.10	e0.07	0.10	e0.16	0.46	1.8	2.0	0.58	0.16	0.16
3	0.15	0.18	0.11	e0.07	0.10	e0.17	e0.46	1.7	2.0	0.57	0.41	0.18
4	0.16	e0.16	e0.11	e0.05	0.09	e0.17	0.47	1.9	2.1	0.54	0.32	0.30
5	0.15	0.18	e0.10	e0.06	0.09	e0.16	0.47	2.3	2.2	0.53	0.25	0.19
6	0.14	e0.16	0.09	e0.06	0.11	e0.17	0.45	2.6	2.2	0.51	0.22	0.18
7	0.13	0.16	0.10	0.07	e0.11	e0.19	0.43	2.8	2.1	0.41	0.20	0.17
8	0.14	0.17	0.10	0.08	e0.11	0.20	0.42	2.9	2.0	0.36	0.19	0.17
9	0.13	0.17	0.10	0.09	e0.11	0.17	0.45	3.1	2.0	0.33	0.17	0.16
10	0.12	0.18	0.10	0.09	e0.11	0.16	0.45	3.2	1.9	0.33	0.17	0.17
11	0.13	0.16	0.10	0.09	e0.11	0.14	0.44	3.8	1.7	0.31	0.17	0.17
12	0.13	0.16	0.10	0.09	e0.10	0.13	0.44	3.2	1.6	0.28	0.17	0.17
13	0.12	e0.19	0.10	0.09	e0.11	0.13	0.48	2.7	1.5	0.28	0.17	0.17
14	0.11	0.19	0.11	0.10	e0.12	0.13	0.52	2.5	1.4	0.38	0.20	0.17
15	0.11	e0.19	0.11	0.08	e0.12	0.15	0.54	2.5	1.3	0.41	0.20	0.17
16	0.11	0.19	0.11	0.09	0.13	0.16	0.60	2.7	1.3	0.28	0.19	0.17
17	0.12	e0.19	0.11	0.09	0.14	0.16	0.80	2.8	1.2	0.25	0.19	0.17
18	0.12	e0.18	0.11	0.09	0.18	0.16	0.97	2.9	1.1	0.26	0.18	0.18
19	0.10	e0.19	0.11	0.09	0.19	0.17	0.97	3.3	1.0	0.23	0.17	0.64
20	0.10	0.17	e0.12	0.09	0.19	0.17	0.97	3.4	0.95	0.24	0.17	0.66
21	0.11	0.16	e0.11	0.08	0.19	0.18	0.94	3.3	0.88	0.23	0.18	0.36
22	0.10	0.16	e0.10	0.08	0.19	0.20	0.93	3.0	0.85	0.23	0.18	0.29
23	0.11	0.15	e0.10	0.08	0.20	0.20	0.93	2.8	0.82	0.22	0.17	0.24
24	0.10	0.18	e0.10	0.09	0.19	0.23	0.93	2.6	0.77	0.22	0.16	0.23
25	0.10	e0.18	e0.09	0.07	0.19	0.25	0.94	2.5	0.72	0.21	0.15	0.22
26	0.09	0.18	e0.09	0.07	0.20	0.27	0.95	2.4	0.71	0.31	0.15	0.22
27	0.09	0.20	e0.07	0.07	0.17	e0.27	1.2	2.3	0.70	0.22	0.16	0.22
28	0.09	e0.17	e0.07	0.07	e0.16	0.32	1.6	2.4	0.73	0.19	0.15	0.21
29	0.09	e0.15	e0.06	0.08	e0.15	e0.35	2.1	2.3	0.77	0.18	0.15	0.40
30	0.12	0.09	e0.07	0.09	---	e0.36	1.9	2.2	0.72	0.18	0.14	0.33
31	0.13	---	e0.08	0.09	---	0.46	---	2.1	---	0.17	0.14	---
TOTAL	3.83	5.13	3.02	2.48	4.06	6.30	23.63	81.7	41.22	10.10	5.80	7.23
MEAN	0.12	0.17	0.10	0.08	0.14	0.20	0.79	2.64	1.37	0.33	0.19	0.24
MAX	0.31	0.20	0.12	0.10	0.20	0.46	2.1	3.8	2.2	0.66	0.41	0.66
MIN	0.09	0.09	0.06	0.05	0.09	0.13	0.42	1.7	0.70	0.17	0.14	0.16
AC-FT	7.6	10	6.0	4.9	8.1	12	47	162	82	20	12	14

e Estimated

09378170 SOUTH CREEK ABOVE RESERVOIR, NEAR MONTICELLO, UT

LOCATION.--Lat 37°50'48", long 109°22'08", in NE¹/₄SW¹/₄SW¹/₄ sec. 2, T. 34 S., R. 23 E., San Juan County, Hydrologic Unit 14080203, 200 ft upstream from west side of reservoir and 2 mi southwest of Monticello.

DRAINAGE AREA.--8.64 mi².

PERIOD OF RECORD.--October 1985 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 7,170 ft above NGVD of 1929, from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 163 ft³/s, Nov 5, 1987, gage height, 4.17 ft; no flow many days in 2002, 2003, and 2004.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 34 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jul 23	1430	*20	*1.52				

No flow on many days.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.02	0.21	e0.10	e0.02	e0.01	0.00	1.8	1.3	1.3	0.17	0.06	0.01
2	0.06	0.31	e0.08	e0.02	e0.01	0.00	1.8	1.4	1.4	0.15	0.05	0.01
3	0.08	0.31	e0.07	e0.02	e0.01	0.00	1.9	1.0	1.2	0.15	0.13	0.01
4	0.08	0.25	e0.06	e0.01	e0.01	0.00	2.1	1.00	1.1	0.15	0.07	0.22
5	0.08	0.24	e0.05	e0.01	e0.01	0.00	2.5	0.94	1.2	0.14	0.49	0.04
6	0.08	0.23	e0.03	e0.01	e0.01	0.00	2.1	0.92	1.3	0.14	0.10	0.03
7	0.09	0.22	e0.01	e0.02	e0.01	0.02	2.1	0.98	1.4	0.13	0.05	0.02
8	0.08	0.25	0.00	e0.02	e0.01	0.12	2.1	1.3	1.4	0.12	0.04	0.02
9	0.06	0.26	0.00	e0.03	e0.01	0.06	1.9	2.2	1.3	0.13	0.02	0.01
10	0.09	0.34	0.00	e0.03	e0.01	0.06	1.5	2.1	1.3	0.14	0.02	0.02
11	0.09	0.29	0.01	e0.02	e0.01	0.16	1.2	2.1	1.1	0.14	0.02	0.02
12	0.04	0.31	e0.02	e0.02	e0.01	1.3	1.0	2.3	0.90	0.13	0.02	0.01
13	0.02	0.24	e0.02	e0.03	e0.01	1.4	0.90	2.0	0.66	0.11	0.02	0.01
14	0.04	0.10	e0.02	e0.03	e0.02	0.81	0.88	1.7	0.47	0.11	0.01	0.01
15	0.04	0.09	e0.02	e0.02	e0.02	0.74	0.78	1.4	0.34	0.10	0.01	0.01
16	0.04	0.08	e0.01	e0.01	e0.03	0.82	0.72	1.2	0.27	0.11	0.01	0.01
17	0.05	0.09	e0.02	e0.02	e0.03	0.95	0.75	1.1	0.24	0.08	0.01	0.01
18	0.06	0.12	e0.02	e0.02	e0.03	0.98	0.88	0.93	0.24	0.19	0.02	0.01
19	0.07	0.07	e0.02	e0.02	e0.03	1.3	0.91	0.92	0.24	0.10	0.02	1.1
20	0.08	0.08	e0.03	e0.01	e0.02	1.4	0.87	0.97	0.23	0.08	0.02	0.41
21	0.08	0.08	e0.03	e0.01	e0.01	1.8	0.71	1.0	0.23	0.07	0.13	0.19
22	0.07	e0.07	e0.02	e0.01	0.01	3.2	0.66	1.1	0.21	0.06	0.06	0.04
23	0.11	e0.05	e0.02	e0.02	0.00	4.3	0.62	1.2	0.19	0.89	0.03	0.03
24	0.15	e0.06	e0.02	e0.02	e0.01	6.2	0.65	1.1	0.19	0.09	0.02	0.03
25	0.15	e0.07	e0.02	e0.01	0.00	3.9	0.65	0.97	0.19	0.06	0.02	0.03
26	0.14	e0.07	e0.02	e0.01	0.00	2.5	0.58	0.84	0.20	0.07	0.01	0.02
27	0.13	e0.06	e0.01	e0.01	0.00	2.1	0.66	0.80	0.20	0.07	0.01	0.03
28	0.14	e0.06	e0.01	e0.02	0.00	2.1	0.78	0.86	0.19	0.06	0.01	0.02
29	0.13	e0.08	e0.01	e0.02	0.00	1.9	0.81	0.84	0.30	0.04	0.01	0.17
30	0.15	e0.09	e0.01	e0.02	---	1.8	1.1	0.78	0.20	0.04	0.01	0.06
31	0.18	---	e0.02	e0.02	---	1.8	---	0.90	---	0.06	0.01	---
TOTAL	2.68	4.78	0.78	0.56	0.34	41.72	35.91	38.15	19.69	4.08	1.51	2.61
MEAN	0.09	0.16	0.03	0.02	0.01	1.35	1.20	1.23	0.66	0.13	0.05	0.09
MAX	0.18	0.34	0.10	0.03	0.03	6.2	2.5	2.3	1.4	0.89	0.49	1.1
MIN	0.02	0.05	0.00	0.01	0.00	0.00	0.58	0.78	0.19	0.04	0.01	0.01
AC-FT	5.3	9.5	1.5	1.1	0.7	83	71	76	39	8.1	3.0	5.2

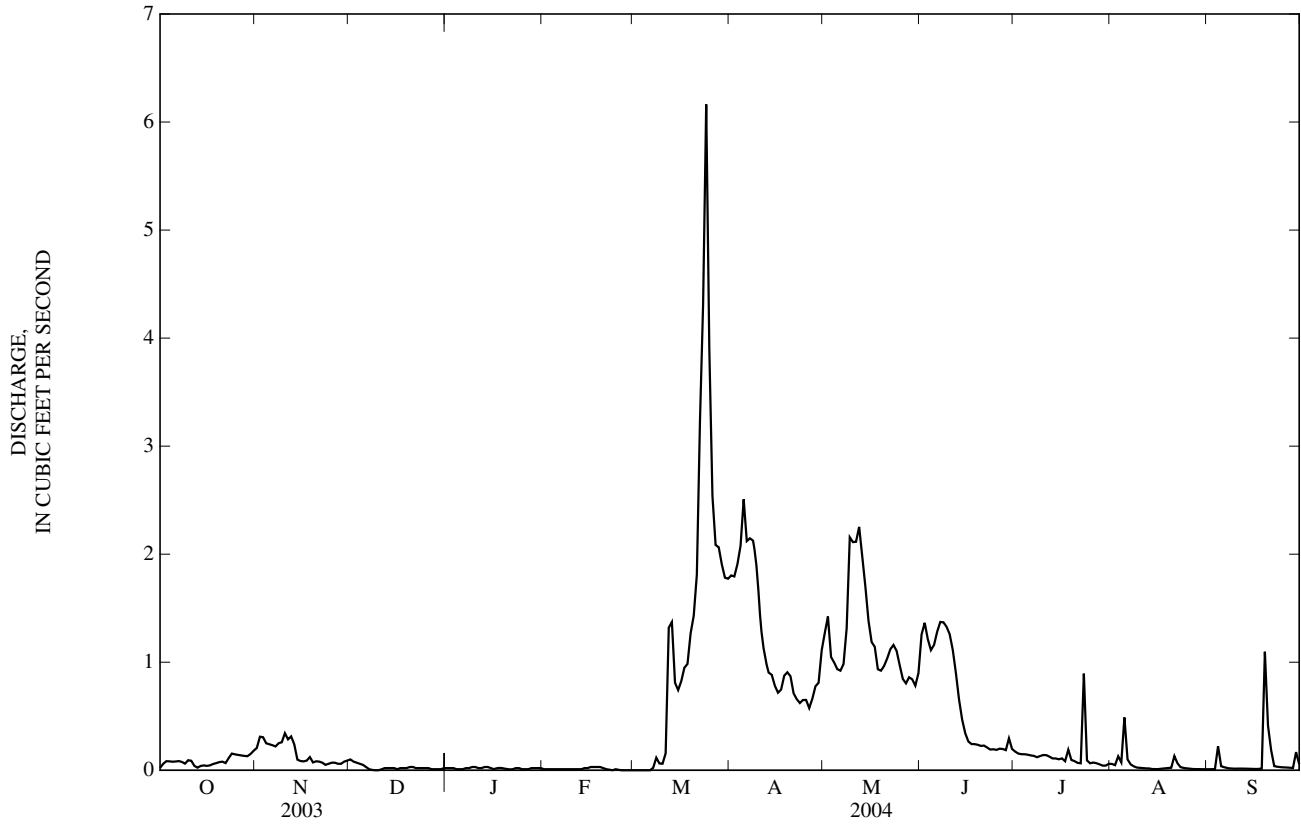
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 2004, BY WATER YEAR (WY)

MEAN	0.19	0.49	0.16	0.14	0.24	1.75	5.03	6.29	2.59	0.53	0.25	0.22
MAX	0.45	5.40	0.64	0.45	1.08	5.65	19.0	33.0	11.6	3.51	0.52	0.91
(WY)	(1987)	(1988)	(1988)	(1988)	(1986)	(1995)	(1993)	(1993)	(1995)	(1995)	(1987)	(1991)
MIN	0.01	0.00	0.00	0.00	0.00	0.07	0.04	0.03	0.01	0.04	0.00	0.00
(WY)	(2003)	(2003)	(2003)	(2003)	(2003)	(2002)	(2002)	(2002)	(2002)	(2003)	(2002)	(2002)

09378170 SOUTH CREEK ABOVE RESERVOIR, NEAR MONTICELLO, UT—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1986 - 2004	
ANNUAL TOTAL	87.22		152.81			
ANNUAL MEAN	0.24		0.42		1.49	
HIGHEST ANNUAL MEAN					5.89	1993
LOWEST ANNUAL MEAN					0.06	2002
HIGHEST DAILY MEAN	1.9	May 29	6.2	Mar 24	60	May 17, 1993
LOWEST DAILY MEAN	0.00	Jan 1	0.00	Dec 8	0.00	Jun 13, 2002
ANNUAL SEVEN-DAY MINIMUM	0.00	Jan 1	0.00	Feb 25	0.00	Jun 13, 2002
ANNUAL RUNOFF (AC-FT)	173		303		1,080	
10 PERCENT EXCEEDS	0.85		1.3		4.0	
50 PERCENT EXCEEDS	0.05		0.08		0.19	
90 PERCENT EXCEEDS	0.00		0.01		0.05	

e Estimated



09378490 COAL BED CANYON NEAR DOVE CREEK, CO

LOCATION.--Lat 37°48'41", long 109°01'25", in NW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 13, T. 41 N., R. 20 W., Dove Creek County, Hydrologic Unit 14080203, on right bank 200' north of Highway 666, 18.6 miles east of Monticello, Utah

DRAINAGE AREA.--97.1 mi².

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

GAGE.--Water-stage recorder. Elevation of gage is 6,580 ft above NGVD of 1929, from GPS.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 170 ft³/s, Sep 9, 2003, gage height, 6.18 ft; no flow many days each year.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 68 ft³/s, Mar 9, gage height, 5.55 ft; no flow many days.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	e0.52	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.54	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.41	e0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.51	e0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.47	e0.01	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.33	e0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	1.1	e0.01	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	6.9	e0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	18	e0.00	0.00	0.00	0.00	0.00	0.00
10	0.01	0.00	0.00	0.00	0.00	20	e0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	6.5	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	1.7	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.38	e0.04	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	e0.65	e0.01	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.55	e0.01	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	e0.50	e0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	e0.48	e0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	e0.50	e0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	e0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	0.01	0.00	0.00	0.00	3.58	58.78	0.02	0.00	0.00	0.00	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.12	1.90	0.00	0.00	0.00	0.00	0.00	0.00
MAX	0.01	0.00	0.00	0.00	0.65	20	0.01	0.00	0.00	0.00	0.00	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.02	0.00	0.00	0.00	7.1	117	0.04	0.00	0.00	0.00	0.00	0.00

e Estimated

09378630 RECAPTURE CREEK NEAR BLANDING, UT

LOCATION.--Lat 37°45'20", long 109°28'33", in NW¹/₄NE¹/₄NW¹/₄ sec. 11, T. 35 S., R. 22 E., San Juan County, Hydrologic Unit 14080201, on right bank 100 ft below road fork, 1.9 mi north of Manti-LaSal National Forest boundary, and 9.4 mi north of Blanding.

DRAINAGE AREA.--3.77 mi².

PERIOD OF RECORD.--October 1965 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 7,200 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 142 ft³/s, Oct 20, 1972, gage height, 2.14 ft; no flow many days most years.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 8.0 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 24	1900	*3.8	*0.98				

No flow many days.

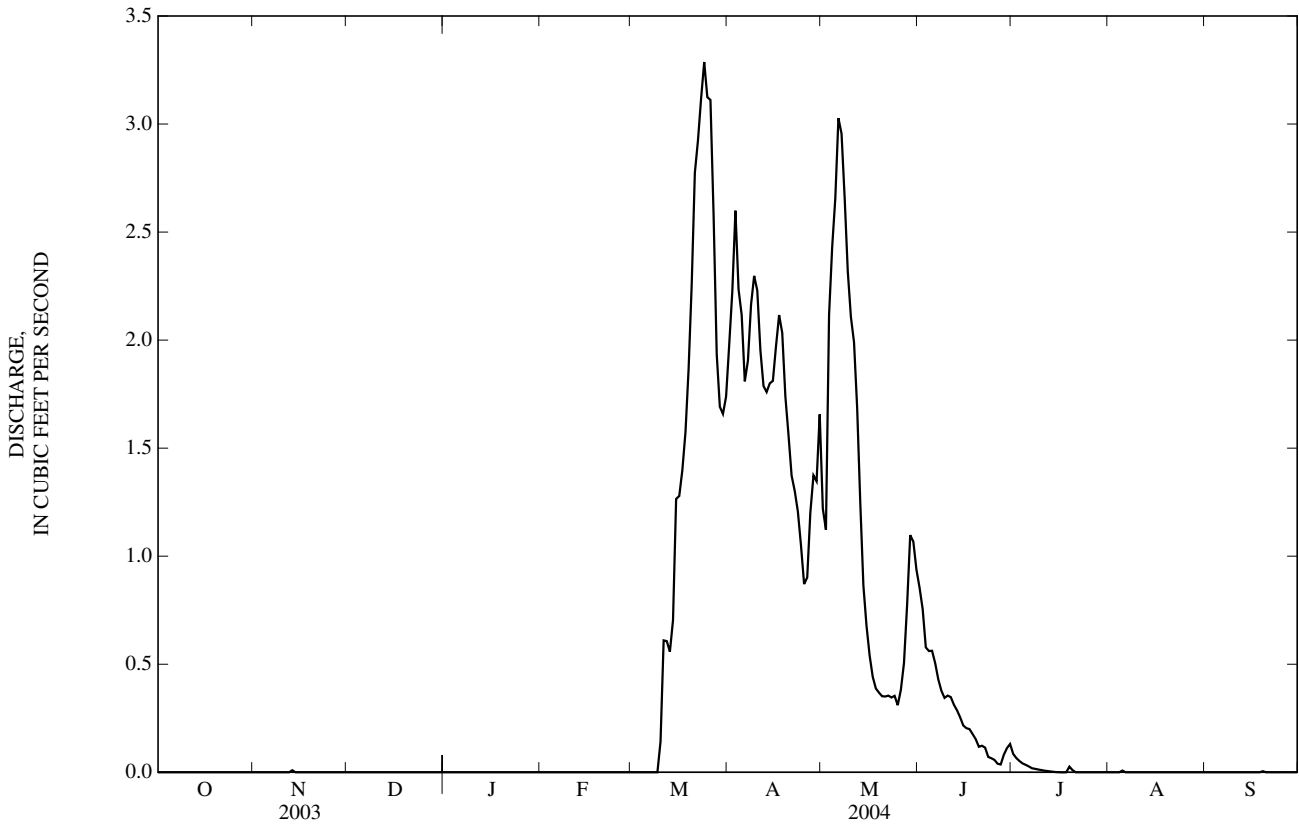
DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	2.0	1.2	0.85	0.08	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	2.2	1.1	0.75	0.07	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	2.6	2.1	0.58	0.05	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	2.2	2.4	0.56	0.04	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	2.1	2.7	0.56	0.03	0.01	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	1.8	3.0	0.51	0.03	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	1.9	3.0	0.43	0.02	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	2.2	2.7	0.38	0.02	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	2.3	2.3	0.34	0.01	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.14	2.2	2.1	0.35	0.01	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.61	2.0	2.0	0.35	0.01	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.61	1.8	1.7	0.31	0.00	0.00	0.00
13	0.00	0.01	0.00	0.00	0.00	0.56	1.8	1.2	0.29	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.70	1.8	0.86	0.25	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	1.3	1.8	0.68	0.22	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	1.3	2.0	0.54	0.20	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	1.4	2.1	0.44	0.20	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	1.6	2.0	0.39	0.18	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	1.9	1.7	0.37	0.15	0.03	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	2.3	1.6	0.35	0.12	0.01	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	2.8	1.4	0.35	0.12	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	2.9	1.3	0.35	0.11	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	3.1	1.2	0.35	0.07	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	3.3	1.1	0.35	0.06	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	3.1	0.87	0.31	0.06	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	3.1	0.90	0.38	0.04	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	2.6	1.2	0.50	0.04	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	1.9	1.4	0.77	0.08	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	1.7	1.3	1.1	0.11	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	1.7	1.7	1.1	0.13	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	1.7	---	0.94	---	0.00	0.00	---
TOTAL	0.00	0.01	0.00	0.00	0.00	40.32	52.47	37.63	8.40	0.41	0.01	0.00
MEAN	0.00	0.00	0.00	0.00	0.00	1.30	1.75	1.21	0.28	0.01	0.00	0.00
MAX	0.00	0.01	0.00	0.00	0.00	3.3	2.6	3.0	0.85	0.08	0.01	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.31	0.04	0.00	0.00	0.00
AC-FT	0.00	0.02	0.00	0.00	0.00	80	104	75	17	0.8	0.02	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2004, BY WATER YEAR (WY)

MEAN	0.15	0.12	0.05	0.03	0.10	1.53	4.54	5.89	2.00	0.14	0.05	0.02
MAX	4.77	2.32	0.67	0.64	0.68	11.2	15.9	25.1	13.6	1.00	0.73	0.09
(WY)	(1973)	(1988)	(1973)	(1973)	(1980)	(1993)	(1993)	(1983)	(1983)	(1995)	(1968)	(1988)
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	(1979)	(1977)	(1977)	(1968)	(1977)	(1977)	(1977)	(2002)	(1977)	(1996)	(1972)	(1966)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1966 - 2004	
ANNUAL TOTAL	61.22		139.25		1.22	
ANNUAL MEAN	0.17		0.38		4.60	
HIGHEST ANNUAL MEAN					1983	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	2.5	Apr 15	3.3	Mar 24	57	Oct 20, 1972
LOWEST DAILY MEAN	0.00	Jan 1	0.00	Oct 1	0.00	Dec 20, 1965
ANNUAL SEVEN-DAY MINIMUM	0.00	Jan 1	0.00	Oct 1	0.00	Dec 20, 1965
ANNUAL RUNOFF (AC-FT)	121		276		885	
10 PERCENT EXCEEDS	0.35		1.8		3.3	
50 PERCENT EXCEEDS	0.00		0.00		0.03	
90 PERCENT EXCEEDS	0.00		0.00		0.00	



09379500 SAN JUAN RIVER NEAR BLUFF, UT

LOCATION.--Lat 37°08'49", long 109°51'51", in SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 7, T. 42 S., R. 19 E., San Juan County, Hydrologic Unit 14080205, on left bank 1,600 ft downstream from Gypsum Creek, 1,800 ft upstream from highway bridge, 20 mi southwest of Bluff, at mile 113.5.

DRAINAGE AREA.--23,000 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1914 to current year. Monthly discharge only for some periods, published in WSP 1313.

REVISED RECORDS.--WSP 1213: 1940. WSP 1313: 1917, 1929. WSP 1343: 1945.

GAGE.--Water-stage recorder. Datum of gage is 4,048 ft above NGVD of 1929, from levels of Topographic Division, U.S. Geological Survey. Prior to March 16, 1927, chain gages at sites about 1,700 ft downstream at different datums.

REMARKS.--Records good except for an estimated daily discharge, which is fair. Diversions for irrigation of approximately 200,000 acres above station. No diversion between station and mouth of river. Flow regulated by Navajo Reservoir since June 28, 1962 (see station 09355100 in New Mexico report).

EXTREMES FOR PERIOD OF RECORD.--(water years 1914-17, 1927-2004) maximum discharge, 70,000 ft³/s, Sep 10, 1927, gage height, 32.0 ft, from rating curve extended above 31,000 ft³/s, and slope-area measurement at gage height, 26.62 ft; no flow Jul 3-13, 1934, Aug 24-27, 29, 1939.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Oct 6, 1911, which is greatest known at Shiprock, NM, probably exceeded that of Sep 10, 1927 at this station but stage was not accurately determined.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 8,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Sep 22	0130	*5,450	*7.72				

Minimum discharge, 218 ft³/s, Aug 12.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	438	512	635	447	461	918	1,040	1,280	1,990	547	434	452
2	436	602	637	478	429	792	1,050	1,350	1,620	787	356	437
3	740	652	594	500	477	591	1,090	1,230	1,500	749	315	388
4	2,860	689	567	548	458	544	2,190	1,240	1,550	686	286	691
5	2,760	721	569	549	444	537	4,250	1,260	1,910	665	338	1,960
6	1,470	661	553	462	446	615	4,420	1,620	2,250	625	307	1,320
7	1,300	602	554	472	464	652	2,760	2,140	2,680	582	302	1,100
8	1,130	584	557	400	407	615	2,190	2,660	3,010	499	319	1,120
9	956	574	556	479	399	593	2,300	3,050	3,170	425	348	962
10	768	625	615	581	416	630	2,590	3,210	3,000	450	345	854
11	941	628	587	573	384	687	2,180	3,290	2,670	455	279	636
12	995	615	518	559	405	723	1,930	3,390	2,260	439	238	542
13	755	1,160	489	529	425	779	2,130	3,220	1,800	404	244	492
14	632	1,420	488	510	434	786	2,150	2,630	1,500	343	269	462
15	583	1,320	491	485	440	845	1,640	2,040	1,310	315	250	466
16	593	959	472	505	431	897	1,570	1,780	1,420	294	272	445
17	547	821	431	524	420	913	1,510	1,540	1,570	389	337	400
18	578	728	465	530	402	915	1,520	1,520	1,450	440	382	364
19	550	664	495	507	400	917	1,550	1,920	1,390	479	431	438
20	517	630	531	498	418	928	1,580	2,160	1,270	475	488	2,560
21	485	612	527	493	493	1,010	1,490	2,890	1,220	494	502	3,820
22	464	573	455	477	621	1,100	1,370	3,070	1,210	507	536	4,130
23	442	560	503	481	686	1,240	1,250	2,740	1,020	519	550	2,650
24	511	571	515	477	716	1,370	1,240	2,380	900	558	583	2,070
25	503	550	497	463	748	1,440	1,190	2,110	781	740	539	1,670
26	446	600	530	415	832	1,390	1,080	1,960	659	623	498	1,400
27	473	593	522	396	786	1,480	973	1,890	608	902	486	1,450
28	504	610	508	414	786	1,540	938	1,960	582	710	469	1,260
29	524	621	460	e460	728	1,460	862	2,160	548	569	449	1,320
30	532	624	465	499	---	1,300	1,100	2,660	524	523	418	3,300
31	519	---	452	490	---	1,120	---	2,630	---	503	438	---
TOTAL	24,952	21,081	16,238	15,201	14,956	29,327	53,133	68,980	47,372	16,696	12,008	39,159
MEAN	805	703	524	490	516	946	1,771	2,225	1,579	539	387	1,305
MAX	2,860	1,420	637	581	832	1,540	4,420	3,390	3,170	902	583	4,130
MIN	436	512	431	396	384	537	862	1,230	524	294	238	364
AC-FT	49,490	41,810	32,210	30,150	29,670	58,170	105,400	136,800	93,960	33,120	23,820	77,670

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1915-17, 1927-2004, BY WATER YEAR (WY)

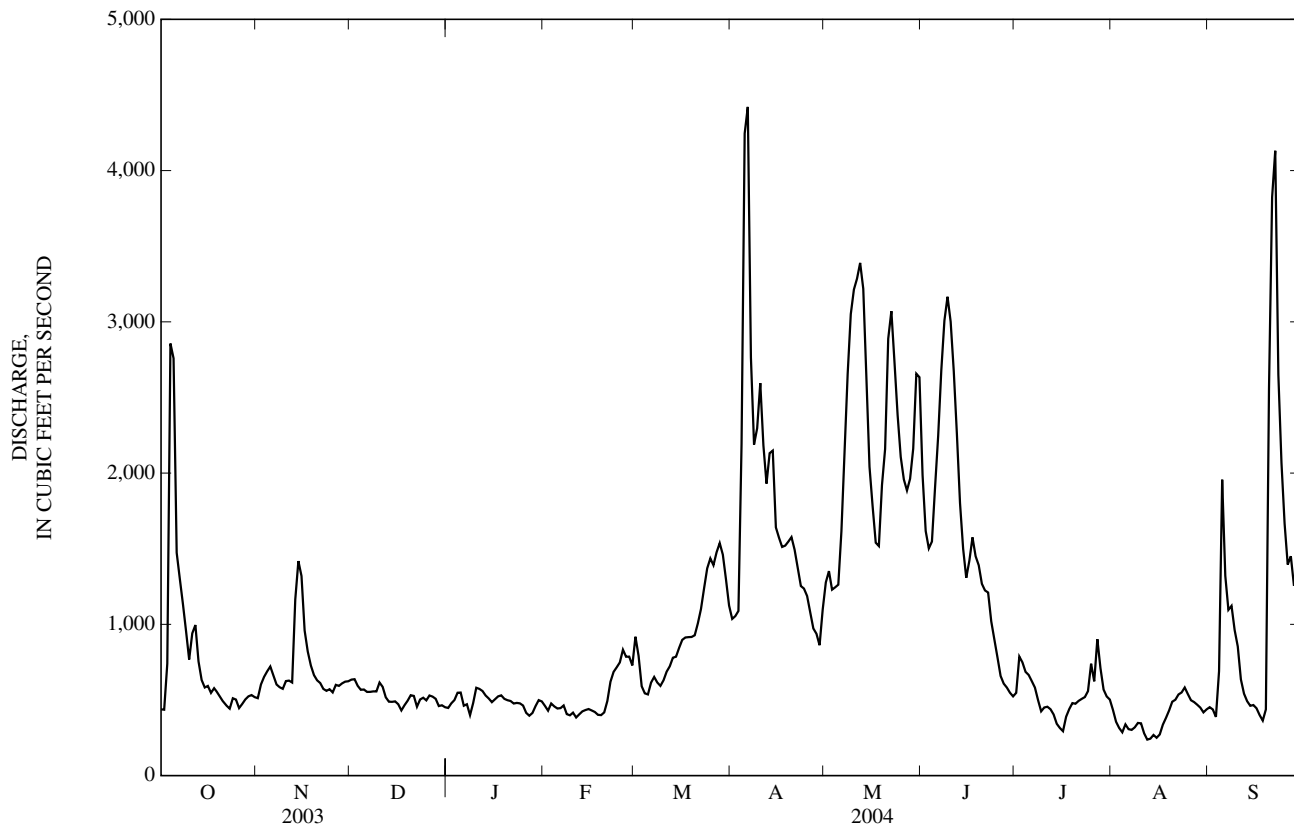
MEAN	1,520	1,217	1,083	1,099	1,390	1,830	3,326	5,124	5,490	2,443	1,743	1,644
MAX	10,650	4,435	3,821	3,374	3,683	6,209	10,120	21,520	15,380	9,212	9,335	11,870
(WY)	(1942)	(1987)	(1966)	(1986)	(1987)	(1916)	(1942)	(1941)	(1941)	(1957)	(1929)	(1927)
MIN	205	345	408	335	516	463	399	339	479	236	80.4	64.5
(WY)	(1957)	(1935)	(1957)	(1931)	(2004)	(1964)	(1977)	(1977)	(2002)	(1963)	(1939)	(1956)

SAN JUAN RIVER BASIN

09379500 SAN JUAN RIVER NEAR BLUFF, UT—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1915-17, 1927-2004	
ANNUAL TOTAL	326,110		359,103		2,226	
ANNUAL MEAN	893		981		5,859	
HIGHEST ANNUAL MEAN					742 1941	
LOWEST ANNUAL MEAN					52,000 Jun 30, 1927	
HIGHEST DAILY MEAN	20,700	Sep 10	4,420	Apr 6	0.00	Jul 3, 1934
LOWEST DAILY MEAN	268	Aug 11	238	Aug 12	0.00	Jul 3, 1934
ANNUAL SEVEN-DAY MINIMUM	310	Aug 8	270	Aug 11	0.00	Jul 3, 1934
ANNUAL RUNOFF (AC-FT)	646,800		712,300		1,613,000	
10 PERCENT EXCEEDS	1,310		2,160		5,410	
50 PERCENT EXCEEDS	598		611		1,220	
90 PERCENT EXCEEDS	441		417		489	

e Estimated



09379500 SAN JUAN RIVER NEAR BLUFF, UT—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1929 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1941 to September 1977, October 1980 to July 13, 1999, July 15, 2000 to current year.

WATER TEMPERATURE: May 1944 to September 1961, October 1964 to September 6, 1999, July 15, 2000 to current year.

SUSPENDED-SEDIMENT DISCHARGE: July 1929 to September 1980.

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

INSTRUMENTATION.--Water-quality monitor October 1980 to September 6, 1999, July 15, 2000 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 2,790 microsiemens/cm, Sep 19, 1959; minimum daily, 208 microsiemens/cm, Jun 17, 1952.

WATER TEMPERATURE: Maximum, 33.4°C, Aug 14, 1998; minimum, -0.2°C, on many days during Dec, Jan 2001, Dec, Jan, Feb 2002.

SEDIMENT CONCENTRATIONS: Maximum daily mean, 383,000 mg/L, Sep 21, 1929; minimum daily mean, no flow, on several days in 1934 and 1939.

SEDIMENT LOADS: Maximum daily, 15,700,000 tons, Oct 20, 1972; minimum daily, 0 tons, on several days in 1934 and 1939.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 1,800 microsiemens/cm, Aug 5; minimum, 257 microsiemens/cm, Jun 10, 11.

WATER TEMPERATURE: Maximum, 31.9°C, Jul 14; minimum, 0.1°C, Jan 26, 27, 28. On Sep 4 a significant decrease in water temperature occurred when a 4.3°C was recorded due to a storm and a peak.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Residue on evap. at 180degC wat flt mg/L (70300)
DEC 02...	0930	3.85	625	8.2	990	4.0	2.5	686
JAN 29...	1050	3.70	447	8.4	930	5.0	2.0	601
MAR 15...	0930	4.20	862	8.0	850	17.0	13.0	573
APR 20...	1000	4.97	1,600	8.2	540	20.0	13.0	357
JUN 17...	0935	5.10	1,740	8.0	420	26.0	21.5	259
JUL 28...	0930	4.10	732	8.1	690	30.0	22.5	452
SEP 15...	1000	3.76	469	8.1	800	25.0	19.0	529

SAN JUAN RIVER BASIN

09379500 SAN JUAN RIVER NEAR BLUFF, UT—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	915	900	907	873	869	871	990	936	966	1,020	940	980
2	929	909	916	879	872	875	976	936	958	989	953	971
3	933	917	925	877	868	873	970	931	949	979	950	966
4	1,040	859	937	873	846	864	1,000	946	982	981	958	970
5	1,090	986	1,040	847	793	813	1,000	966	987	1,030	958	1,000
6	1,000	991	996	815	804	810	995	949	980	1,050	995	1,030
7	1,020	1,000	1,010	828	810	817	979	951	964	1,020	940	977
8	1,010	1,000	1,010	901	824	867	981	949	964	978	927	949
9	1,020	1,010	1,010	924	901	917	976	953	964	1,040	924	996
10	1,030	1,020	1,020	936	919	925	981	953	967	1,000	926	960
11	1,020	985	1,010	922	896	910	966	949	957	928	845	883
12	1,020	990	1,000	960	906	928	949	927	940	942	917	927
13	1,020	1,010	1,020	1,090	906	1,040	976	927	950	943	913	930
14	1,040	1,020	1,030	1,080	908	1,020	979	916	941	956	861	888
15	1,040	997	1,020	1,030	955	974	978	904	938	871	841	858
16	1,030	1,020	1,020	969	957	963	979	912	942	858	843	852
17	1,030	1,020	1,020	983	969	976	982	915	956	913	857	890
18	1,020	1,020	1,020	982	955	973	972	918	942	922	895	910
19	1,020	997	1,010	979	967	973	941	890	915	933	906	917
20	998	962	981	985	975	980	929	895	912	978	912	942
21	962	941	952	989	981	984	903	857	885	957	900	924
22	941	920	929	987	982	985	928	867	898	956	902	938
23	933	920	926	985	979	982	968	924	942	967	909	934
24	936	923	930	987	979	984	997	957	977	969	893	928
25	926	895	912	1,020	980	1,000	983	938	960	946	900	922
26	895	881	889	994	976	985	1,020	944	985	926	894	914
27	898	881	890	1,010	976	994	1,010	969	990	975	907	942
28	903	890	897	990	941	975	997	970	987	967	909	930
29	892	875	884	1,000	939	969	1,010	970	990	927	899	913
30	882	864	872	999	924	966	986	942	966	942	903	931
31	874	868	869	---	---	---	942	902	920	930	886	902
MONTH	1,090	859	963	1,090	793	940	1,020	857	954	1,050	841	935
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	919	883	901	1,000	983	992	577	528	554	604	543	577
2	957	913	945	1,010	979	993	579	576	578	545	501	529
3	996	892	948	987	973	980	606	579	584	513	491	502
4	921	873	891	983	969	975	618	585	593	524	503	510
5	937	875	902	976	967	970	920	618	779	533	523	528
6	928	891	910	981	970	974	933	768	834	529	519	524
7	928	869	901	985	974	978	768	689	714	521	447	491
8	916	876	899	981	955	968	689	657	670	447	385	419
9	976	886	932	962	939	952	657	602	634	389	338	369
10	976	886	937	939	922	929	633	575	603	338	309	324
11	958	876	931	948	927	936	633	610	623	313	308	311
12	978	869	924	947	930	939	623	617	620	312	302	309
13	972	875	920	945	922	934	617	585	602	303	294	299
14	948	853	902	929	886	915	609	581	596	316	294	304
15	939	850	891	891	855	873	624	609	618	346	316	328
16	902	854	883	855	797	826	631	622	627	388	346	367
17	964	865	913	799	751	773	626	593	609	426	388	414
18	949	871	914	751	728	742	594	577	584	449	419	433
19	956	871	921	728	716	723	578	553	560	450	412	437
20	965	893	941	741	714	728	561	531	542	412	372	386
21	988	942	965	717	709	713	531	523	527	372	327	352
22	979	968	973	709	693	702	533	522	525	333	312	323
23	993	977	983	697	658	678	548	525	541	320	300	308
24	989	929	946	663	608	637	568	548	559	314	303	308
25	938	922	930	625	581	597	591	565	574	338	313	321
26	941	921	932	587	550	564	591	536	566	355	338	346
27	921	916	918	561	536	546	573	549	561	359	352	356
28	982	918	941	546	533	541	586	571	577	363	356	359
29	985	968	974	534	513	519	596	582	587	360	347	353
30	---	---	---	513	503	508	613	596	604	352	326	339
31	---	---	---	528	510	517	---	---	---	326	298	307
MONTH	996	850	926	1,010	503	794	933	522	605	604	294	388

SAN JUAN RIVER BASIN

09379500 SAN JUAN RIVER NEAR BLUFF, UT—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.1	18.6	19.7	12.4	11.1	11.5	3.8	1.6	2.4	0.3	0.2	0.2
2	19.4	17.4	18.5	12.6	10.8	11.4	4.7	2.4	3.2	1.3	0.2	0.8
3	17.6	16.6	17.0	11.3	9.7	10.8	5.1	3.0	3.7	3.5	1.3	2.2
4	17.2	15.8	16.6	11.0	8.6	9.6	5.0	3.0	3.6	2.7	0.5	1.5
5	17.4	16.0	16.8	10.1	7.8	8.8	4.4	3.1	3.6	1.2	0.2	0.5
6	18.5	16.8	17.6	9.0	7.6	8.3	5.1	3.4	4.0	0.2	0.2	0.2
7	19.1	17.0	18.1	9.6	7.6	8.5	5.7	4.0	4.8	0.3	0.2	0.2
8	19.5	17.2	18.2	11.1	8.3	9.5	6.0	4.5	5.3	0.3	0.2	0.2
9	19.2	16.8	17.9	11.0	9.5	10.2	5.4	3.1	4.1	0.3	0.2	0.2
10	19.4	17.0	18.1	11.1	10.4	10.7	4.3	2.2	3.1	0.6	0.2	0.3
11	18.8	16.9	17.8	12.0	10.1	10.8	3.9	2.0	2.7	1.2	0.2	0.4
12	17.0	14.2	15.8	10.9	9.9	10.5	3.8	1.6	2.5	2.2	0.2	0.7
13	16.2	14.0	15.2	11.1	9.4	10.1	3.7	1.6	2.2	2.7	0.5	1.2
14	15.3	12.7	13.9	10.1	9.0	9.5	3.5	1.6	2.4	2.5	0.7	1.5
15	15.2	12.0	13.4	10.0	8.9	9.4	2.9	0.6	2.1	1.9	1.2	1.7
16	15.7	12.8	13.9	9.4	8.4	8.9	2.1	0.2	0.9	3.9	1.8	2.6
17	16.6	13.2	14.5	9.3	7.8	8.3	0.9	0.2	0.3	4.7	2.5	3.1
18	16.7	13.7	14.9	8.9	6.8	7.6	0.3	0.2	0.2	4.6	2.3	3.1
19	17.1	14.0	15.2	8.1	6.2	6.9	0.2	0.2	0.2	3.9	2.5	3.1
20	17.2	14.2	15.4	7.9	6.0	6.7	0.3	0.2	0.2	4.7	3.1	3.7
21	17.2	14.2	15.3	7.7	6.0	6.7	1.4	0.2	0.5	4.9	2.5	3.4
22	17.1	14.0	15.1	6.7	4.0	6.1	3.2	0.4	1.5	4.4	2.1	2.9
23	16.9	13.8	14.9	4.3	2.0	3.3	3.4	1.2	2.0	4.3	1.9	2.7
24	16.2	13.6	14.5	2.9	1.5	2.1	3.2	1.6	2.4	4.0	1.7	2.5
25	14.5	11.5	13.2	4.1	1.9	2.7	3.8	2.4	3.1	3.2	0.8	2.3
26	12.8	9.9	11.2	4.3	2.1	3.0	5.6	3.5	4.2	2.6	0.1	1.0
27	12.4	10.1	10.9	3.9	1.7	2.5	3.7	1.2	2.7	2.2	0.1	0.5
28	13.2	10.2	11.4	2.8	1.4	2.0	1.8	0.2	0.8	2.8	0.1	1.0
29	14.0	10.9	12.0	3.2	1.0	1.8	0.2	0.2	0.2	3.5	0.6	1.6
30	12.7	11.1	11.7	3.3	1.2	1.9	0.5	0.2	0.2	3.7	1.3	2.2
31	12.9	10.7	11.5	---	---	---	0.2	0.2	0.2	2.6	1.7	2.2
MONTH	21.1	9.9	15.2	12.6	1.0	7.3	6.0	0.2	2.2	4.9	0.1	1.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.1	0.4	1.4	8.1	5.7	6.9	16.2	14.1	15.0	17.1	13.7	15.5
2	2.5	0.5	1.3	8.5	6.6	7.4	15.0	13.3	14.2	18.6	14.9	16.8
3	2.0	1.3	1.7	10.1	7.0	8.2	15.3	12.5	13.5	20.1	16.4	18.3
4	3.7	0.7	1.9	10.2	7.9	8.9	13.8	12.4	13.0	21.4	17.8	19.7
5	4.6	1.9	3.0	10.0	7.6	8.6	12.8	10.9	11.7	21.5	18.7	20.3
6	4.7	2.1	3.0	10.6	7.3	8.7	12.6	10.2	11.2	21.5	18.8	20.3
7	4.2	1.8	2.8	11.5	8.1	9.6	14.0	12.3	13.0	21.1	18.7	20.0
8	4.4	1.5	2.5	12.6	9.0	10.6	14.8	13.0	14.0	21.0	18.6	19.9
9	4.9	1.7	2.8	13.4	9.7	11.4	15.5	13.7	14.5	20.2	18.5	19.5
10	5.2	2.2	3.2	14.1	10.6	12.2	14.6	12.2	13.3	19.6	17.6	18.6
11	4.2	2.1	2.9	14.5	11.0	12.7	13.1	11.0	12.1	18.4	16.2	17.1
12	4.7	1.6	2.7	14.8	11.5	13.1	13.3	11.0	12.2	16.9	15.0	16.1
13	3.9	0.9	2.0	15.2	12.6	13.8	14.3	12.0	13.2	16.4	14.5	15.6
14	3.2	0.9	1.7	15.2	12.2	13.7	14.3	13.1	13.8	17.2	14.3	15.8
15	3.8	0.8	2.0	15.6	12.6	14.0	15.0	12.6	13.8	18.5	15.7	17.1
16	5.0	1.6	3.0	14.9	12.2	13.5	15.9	13.3	14.6	19.3	17.3	18.5
17	6.2	2.9	4.3	14.7	11.6	13.2	15.9	13.9	15.0	18.8	17.5	18.1
18	6.8	4.6	5.5	15.2	11.8	13.5	15.5	12.7	14.2	19.6	16.4	18.0
19	9.0	5.4	6.8	15.6	12.4	14.0	14.9	13.6	14.2	20.3	17.8	19.2
20	8.8	6.1	7.2	16.3	12.9	14.6	14.9	12.5	13.7	19.7	18.2	18.9
21	9.1	7.0	7.9	16.9	13.7	15.4	15.0	13.1	14.1	18.7	17.2	18.1
22	8.7	7.6	8.1	17.1	14.3	15.8	14.3	13.1	13.6	18.2	15.7	17.0
23	9.1	7.5	8.2	17.5	15.1	16.3	14.4	12.2	13.4	18.0	15.9	17.1
24	9.0	7.7	8.3	17.9	15.4	16.8	15.4	12.2	14.0	18.3	15.7	17.1
25	9.9	7.4	8.5	17.6	15.5	16.7	16.7	13.5	15.2	18.8	16.2	17.6
26	8.9	7.7	8.2	16.8	14.6	15.6	18.2	14.7	16.5	19.6	16.5	18.1
27	8.0	7.3	7.8	15.5	13.5	14.4	18.9	15.5	17.3	20.0	16.9	18.5
28	7.8	6.4	7.0	14.2	12.1	13.2	18.5	16.0	17.2	20.6	18.2	19.4
29	8.4	5.4	6.6	14.0	11.4	12.8	16.6	14.6	15.5	19.6	17.3	18.5
30	---	---	---	14.2	11.3	13.0	15.4	13.2	14.3	18.3	16.2	17.4
31	---	---	---	15.1	12.1	13.8	---	---	---	18.2	15.6	17.0
MONTH	9.9	0.4	4.6	17.9	5.7	12.7	18.9	10.2	14.0	21.5	13.7	18.0

COLORADO RIVER MAIN STEM
09380000 COLORADO RIVER AT LEES FERRY, AZ

(NATIONAL STREAM-QUALITY ACCOUNTING NETWORK)

LOCATION.--Lat 36 51'53", long 111 35'15", in NE1/4SE1/4 sec. 13, T.40 N., R.7 E., Coconino County, Hydrologic Unit 14070006, in Navajo Indian Reservation, on left bank at head of Marble Gorge at Lees Ferry, just upstream from Paria River, 16 mi downstream from Glen Canyon Dam, 28 mi downstream from Utah-Arizona State line, and 61.5 mi upstream from Little Colorado River.

DRAINAGE AREA.--111,800 mi², approximately, including 3,959 mi² in Great Divide Basin in southern Wyoming, which is noncontributing.

PERIOD OF RECORD.--Jan. 1895 to current year. Estimates of monthly and annual discharge only for some periods, published in WSP 1313.

REVISED RECORDS.--WSP 859: 1921-23. WSP 1313: 1914-21.

GAGE.--Water-stage recorder. Datum of gage is 3,106.16 ft above sea level. Prior to Jan. 19, 1923, nonrecording gages or reference points within 400 ft of present gage, at different datums.

REMARKS.--No estimated daily discharge. Records good. Flow regulated since Mar. 13, 1963, by Lake Powell, 16 mi upstream. Many diversions above Lake Powell for irrigation, municipal, and industrial use. No diversions or inflow between Lake Powell and the gage.

AVERAGE DISCHARGE.--51 years (water years 1912-62), 17,850 ft³/s, 12,930,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--1895-1962: Maximum discharge, 220,000 ft³/s June 18, 1921, gage height, 26.5 ft, from floodmarks, from rating curve extended above 120,000 ft³/s on basis of discharge computed for station near Grand Canyon; minimum, 750 ft³/s Dec. 27, 1924.

1963-2000: Maximum discharge, 97,300 ft³/s June 29, 1983, gage height, 18.14 ft; minimum daily, 700 ft³/s Jan. 23, 24, 1963, result of closing coffer dam at Glen Canyon Dam.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge since at least 1868, about 300,000 ft³/s July 7, 1884, gage height, 31.5 ft, present site and datum, from floodmark at mouth of Paria River, from rating curve extended above 120,000 ft³/s on basis of discharge computed for flood of June 18, 1921, for station near Grand Canyon.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 20,900 ft³/s, Jan. 5 at 2045, gage height, 10.71 ft. Minimum daily discharge, 7,140 ft³/s, Oct. 19.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8430	8150	10100	12400	13100	12800	11800	9690	11100	14900	14000	9630
2	8330	7620	10300	13100	13100	14500	11200	9200	14000	13900	14600	8130
3	8380	8370	10300	13200	13000	14300	10200	9990	14000	14100	15100	8090
4	8140	8280	10300	13100	14300	14300	9800	10100	14200	12600	15100	7810
5	7210	8240	10300	13200	14300	14300	11200	10300	13200	13700	15100	7920
6	8340	8240	9580	13100	14300	14300	11400	10100	12500	14100	15100	7910
7	8330	8240	8450	13100	14300	8230	11300	10200	14200	14000	14000	8110
8	8290	8040	10200	13100	8300	12900	11300	9110	14200	14000	14200	8120
9	8280	7600	10200	13100	12900	14300	11300	9120	14200	14300	14900	8300
10	8320	8360	10200	13100	14300	14400	10200	10100	14200	14800	15200	8240
11	8130	8270	10200	13000	14300	14200	9930	10200	14000	13900	15200	8020
12	7220	8250	10200	13100	14400	14200	11200	10300	13100	15100	15100	8080
13	8340	8220	9550	13100	14400	14300	11300	10200	12500	15300	15100	8230
14	8300	8190	8420	13100	14300	8220	11300	10200	13900	15600	13900	8260
15	8300	7950	10300	13100	8270	12800	11300	9190	14000	15600	14200	8210
16	8260	7710	10200	13100	12900	14200	11300	9220	14000	15600	14900	8220
17	8270	8330	10100	13100	14300	14200	10200	10200	14000	15100	15100	8220
18	8070	8240	10300	13100	14300	13900	9820	10300	14000	14500	15100	7910
19	7140	8220	10200	13100	14300	14300	11200	10300	13000	15400	15000	8080
20	8260	8280	9700	13100	14200	14300	11300	10400	12400	15500	15100	8200
21	8200	8190	8640	13100	14200	8220	11400	10300	13900	15500	13900	8240
22	8250	8050	10600	13000	8260	12900	11400	9260	14000	15600	14000	8210
23	8280	7620	10300	13000	12800	14300	11300	9160	14000	15600	14900	8220
24	8280	8310	10400	13000	14300	14300	10200	10200	14000	15100	15000	8220
25	8130	8200	9170	13000	14200	14200	9820	10300	13900	14100	14900	7920
26	7150	8200	10600	13000	14200	14200	11200	10300	13100	15400	15000	8060
27	8270	7440	9770	13000	14300	14300	11400	10400	12500	15300	15000	8250
28	8260	8360	9130	13000	14300	8140	11300	9730	13900	15100	13900	8230
29	8280	8020	10600	13100	8310	12900	11300	8140	14000	15000	14100	8290
30	8300	8060	10500	13100	---	14300	11300	8040	14000	14700	14800	8290
31	8290	---	10500	13100	---	14200	---	8720	---	14600	14400	---
TOTAL	252030	243250	309310	404800	382440	410910	329170	302970	408000	458000	455900	245620
MEAN	8130	8108	9978	13060	13190	13260	10970	9773	13600	14770	14710	8187
MAX	8430	8370	10600	13200	14400	14500	11800	10400	14200	15600	15200	9630
MIN	7140	7440	8420	12400	8260	8140	9800	8040	11100	12600	13900	7810
MED	8280	8210	10200	13100	14300	14200	11300	10100	14000	15000	14900	8210
AC-FT	499900	482500	613500	802900	758600	815000	652900	600900	809300	908400	904300	487200
CAL YR 2003	TOTAL	4217490	MEAN	11550	MAX	16300	MIN	7140				
WTR YR 2004	TOTAL	4202400	MEAN	11480	MAX	15600	MIN	7140				

09381500 PARIA RIVER NEAR CANNONVILLE, UT

LOCATION.--Lat 37°28'52", long 112°01'15", in NE¼SE¼SE¼ sec. 20, T. 38 S., R. 2 W., Garfield County, Hydrologic Unit 14070007, Grand Staircase Escalante National Monument, on left bank about 0.5 mi downstream of Little Dry Valley and about 6.5 mi south of Cannonville.

DRAINAGE AREA.--198 mi².

PERIOD OF RECORD.--December 1950 to September 1955. Annual maximums, water years 1959-74. December 2001 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 5,480 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except estimated days, which are poor. Several diversions above station for irrigation and stock watering.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,600 ft³/s, Aug 31, 1963, gage height, 19.25 ft; no flow on many days in each year.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,160 ft³/s, Oct 3, gage height, 8.27 ft; no flow on many days.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.06	3.0	14	e12	e8.0	20	6.7	0.43	0.05	0.01	0.00	0.00
2	3.2	2.5	14	e10	e8.0	31	34	0.47	0.03	0.00	0.00	0.00
3	320	2.2	11	e9.0	e9.0	28	100	0.40	0.02	0.00	0.89	0.00
4	7.5	2.7	12	e8.0	e9.0	31	29	0.32	0.02	0.00	1.3	0.00
5	3.4	3.2	12	e7.0	e9.0	26	78	0.25	0.01	0.00	0.79	0.01
6	8.9	2.6	9.8	e6.0	e9.0	48	12	0.24	0.01	0.00	0.12	0.00
7	8.4	2.6	7.0	e7.0	e9.0	71	19	0.26	0.01	0.00	0.18	0.00
8	0.83	2.6	9.3	e6.0	e9.0	64	19	0.30	0.00	0.00	0.01	0.00
9	0.34	2.6	e8.0	e6.0	e9.0	57	15	e0.30	0.00	0.00	0.00	0.00
10	0.29	3.4	e10	e7.0	e9.0	57	11	e0.25	0.01	0.00	0.00	0.00
11	0.38	3.5	e14	e7.0	e10	41	9.5	e0.25	0.02	0.00	0.00	36
12	0.46	3.3	15	e8.0	e9.0	34	8.6	e0.30	0.01	0.00	0.00	9.8
13	0.27	27	11	e9.0	e7.0	33	8.8	e0.25	0.01	0.00	0.00	1.6
14	0.40	18	13	e8.0	e8.0	29	7.0	e0.30	0.00	15	0.00	0.61
15	0.31	16	e12	e9.0	e9.0	25	5.7	e0.25	0.00	8.1	0.00	0.45
16	0.34	9.9	e12	e9.0	e10	19	4.2	e0.20	1.2	2.4	0.00	0.45
17	0.37	9.0	e8.0	e9.0	e12	20	3.7	e0.20	0.43	1.6	0.00	0.39
18	0.32	8.6	e8.0	e9.0	e15	20	6.3	e0.30	0.17	19	0.00	0.32
19	0.30	8.5	e13	e9.0	e14	20	6.3	e0.20	0.07	3.1	25	368
20	0.40	8.0	e18	e9.0	15	22	3.8	e0.15	0.04	1.3	187	26
21	0.50	7.6	e20	e8.0	20	20	3.2	0.14	0.04	0.55	21	7.2
22	0.67	7.5	e19	e9.0	25	19	1.0	0.16	0.09	0.34	7.0	1.9
23	0.87	e8.0	e18	e9.0	35	17	0.80	0.24	0.04	0.18	0.72	2.6
24	0.90	e8.5	e17	e9.0	36	16	0.66	0.19	0.03	1.8	0.08	2.7
25	0.90	e9.5	e16	e9.0	25	13	0.53	0.17	0.08	97	0.00	0.76
26	1.0	10	e16	e8.0	33	10	0.53	0.11	0.09	4.4	0.00	0.18
27	0.96	12	e13	e8.0	34	9.7	0.44	0.11	0.16	20	0.00	0.01
28	0.78	12	e10	e9.0	32	8.6	0.41	0.09	0.26	8.9	0.00	0.00
29	1.0	e14	e10	e10	22	7.7	0.49	0.11	0.10	2.4	0.00	0.57
30	1.4	14	e12	e10	---	6.8	0.46	0.08	0.04	0.37	0.00	1.4
31	1.7	---	e11	e8.0	---	6.8	---	0.06	---	0.08	0.00	---
TOTAL	367.15	242.3	393.1	261.0	459.0	830.6	396.12	7.08	3.04	186.53	244.09	460.95
MEAN	11.8	8.08	12.7	8.42	15.8	26.8	13.2	0.23	0.10	6.02	7.87	15.4
MAX	320	27	20	12	36	71	100	0.47	1.2	97	187	368
MIN	0.06	2.2	7.0	6.0	7.0	6.8	0.41	0.06	0.00	0.00	0.00	0.00
AC-FT	728	481	780	518	910	1,650	786	14	6.0	370	484	914

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2004, BY WATER YEAR (WY)

MEAN	7.35	7.82	10.1	7.60	11.4	16.3	7.15	1.75	0.63	8.87	17.2	7.04
MAX	13.8	9.89	18.0	13.2	17.9	29.3	21.1	4.80	3.73	38.9	46.4	15.4
(WY)	(1955)	(1954)	(1953)	(1953)	(1952)	(1952)	(1952)	(1951)	(1952)	(1953)	(1955)	(2004)
MIN	2.75	5.36	5.09	3.50	4.57	6.18	1.69	0.20	0.01	0.47	0.00	0.06
(WY)	(1952)	(1955)	(1955)	(1955)	(1955)	(2002)	(2002)	(1955)	(1955)	(2002)	(2002)	(1955)

SUMMARY STATISTICS

FOR 2003 CALENDAR YEAR

FOR 2004 WATER YEAR

WATER YEARS 1951 - 2004

ANNUAL TOTAL	3,223.63	3,850.96		
ANNUAL MEAN	8.83	10.5	9.55	
HIGHEST ANNUAL MEAN			12.0	1953
LOWEST ANNUAL MEAN			6.71	1954
HIGHEST DAILY MEAN	476	Aug 23	368	Sep 19
LOWEST DAILY MEAN	0.00	Jul 10	0.00	Jun 8
ANNUAL SEVEN-DAY MINIMUM	0.00	Jul 10	0.00	Jul 2
ANNUAL RUNOFF (AC-FT)	6,390		7,640	
10 PERCENT EXCEEDS	16		20	
50 PERCENT EXCEEDS	3.1		3.3	
90 PERCENT EXCEEDS	0.07		0.00	

e Estimated

09381800 PARIA RIVER NEAR KANAB, UT

LOCATION.--Lat 37°06'27", long 111°54'19", in NE¹/₄NE¹/₄NE¹/₄ sec. 4, T. 42 S., R. 4 W., Kane County, Hydrologic Unit 14070007, on downstream side of U.S. Highway 89 bridge pier, 7.4 miles north of Utah-Arizona border, 31.0 miles northwest of Page, AZ, and 44.0 miles east of Kanab.

DRAINAGE AREA.--647 mi².

PERIOD OF RECORD.--Annual maximums, water years 1959-74. August 2002 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 4,345 ft above NGVD of 1929, from topographic map.

REMARKS.--Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 15,400 ft³/s, Aug 31, 1963, gage height, 16.26 ft (datum unknown); no flow for many days in each year.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,420 ft³/s, Sep 19, gage height, 9.91 ft from rating curve extended above 190 ft³/s on basis of step-back computation; no flow on many days in Jun, Jul, Aug, and Sep.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.34	3.4	9.5	12	22	34	36	7.2	e0.20	e0.0	e0.1	e0.0
2	0.55	5.7	11	18	e20	24	e47	11	e0.1	e0.1	e0.2	0.00
3	163	6.2	9.1	e16	e21	36	96	7.5	e0.0	e0.2	e0.2	0.00
4	101	6.3	9.3	5.8	19	43	64	6.3	e0.1	e0.2	e0.3	0.00
5	12	6.3	12	5.2	e22	28	21	11	e0.2	e0.2	25	0.00
6	10	6.4	12	2.0	25	26	43	6.3	e0.2	e0.2	18	0.00
7	14	6.1	10	12	17	48	23	6.1	e0.2	e0.1	1.3	0.00
8	9.5	6.4	14	8.8	25	61	e39	2.5	e0.1	e0.1	0.55	0.00
9	3.7	6.4	7.1	9.2	10	63	31	2.5	e0.1	e0.1	0.24	0.00
10	2.0	7.2	7.9	12	11	60	25	1.6	e0.1	e0.1	e0.2	0.00
11	e1.5	8.4	12	12	15	47	e48	2.0	e0.0	e0.1	e0.3	29
12	e1.0	8.3	12	14	e14	27	e59	2.0	e0.1	e0.0	0.29	95
13	e1.0	13	9.8	e15	e14	30	e57	0.67	e0.1	e0.0	0.34	0.98
14	e1.0	27	13	13	e19	24	e41	1.7	e0.0	e0.0	0.28	0.04
15	e1.5	18	11	e13	24	23	e39	0.88	e0.1	56	0.20	e0.1
16	2.0	13	3.1	12	16	22	56	0.64	e0.2	71	0.23	e0.1
17	1.7	12	1.4	11	14	24	44	1.1	e0.2	21	0.28	e0.3
18	2.0	11	10	11	23	21	30	5.7	e0.2	2.2	14	e0.5
19	2.2	11	11	13	21	21	36	1.2	e0.1	3.4	6.9	409
20	e1.5	11	17	e13	23	20	34	0.77	e0.3	6.3	32	50
21	e1.5	10	21	e12	19	17	23	0.30	e0.2	10	285	8.6
22	2.1	9.4	18	e11	40	17	e25	0.44	e0.0	1.6	320	4.3
23	1.9	4.8	11	13	60	18	e19	0.45	e0.2	0.42	54	3.3
24	2.4	e6.6	11	15	48	19	e21	e0.4	e0.2	0.15	e10	3.1
25	2.0	e8.9	11	17	26	29	e16	e0.4	e0.3	0.20	e1	3.2
26	e1.6	10	66	e18	42	e38	9.8	e0.3	e0.2	48	e0.5	3.4
27	2.9	6.8	18	e17	65	e44	6.8	e0.3	e0.2	15	e0.1	3.5
28	2.9	6.9	7.0	16	43	e40	5.1	e0.3	e0.1	63	e0.1	3.6
29	2.9	11	e6.5	13	34	e38	3.6	e0.2	e0.0	18	e0.0	5.2
30	2.0	13	e8.0	20	---	e36	5.5	e0.2	e0.0	0.23	e0.0	12
31	2.6	---	14	17	---	e40	---	e0.1	---	0.01	e0.0	---
MEAN	11.5	9.35	12.7	12.8	25.9	32.8	33.5	2.65	0.13	10.3	24.9	21.2
MAX	163	27	66	20	65	63	96	11	0.30	71	320	409
MIN	0.34	3.4	1.4	2.0	10	17	3.6	0.10	0.00	0.00	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2004, BY WATER YEAR (WY)

	2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004
MEAN	13.1	11.7	9.84	11.8	22.0	23.3	20.2	2.76	1.04	7.28	28.2	15.0
MAX	14.8	14.0	12.7	12.8	25.9	32.8	33.5	2.87	1.95	10.3	31.5	21.2
(WY)	(2003)	(2003)	(2004)	(2004)	(2004)	(2004)	(2004)	(2003)	(2003)	(2004)	(2003)	(2004)
MIN	11.5	9.35	6.97	10.7	17.9	13.8	7.04	2.65	0.13	4.30	24.9	5.31
(WY)	(2004)	(2004)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)	(2004)	(2003)	(2004)	(2003)

SUMMARY STATISTICS

FOR 2003 CALENDAR YEAR

FOR 2004 WATER YEAR

WATER YEARS 2002 - 2004

ANNUAL MEAN	10.7	16.4	13.7
HIGHEST ANNUAL MEAN			16.4
LOWEST ANNUAL MEAN			10.9
HIGHEST DAILY MEAN	710	Aug 24	409
LOWEST DAILY MEAN	0.00	Jun 15	0.00
ANNUAL SEVEN-DAY MINIMUM	0.00	Jul 5	0.00
10 PERCENT EXCEEDS	15		40
50 PERCENT EXCEEDS	7.1		8.4
90 PERCENT EXCEEDS	0.34		0.10

e Estimated

09382000 PARIA RIVER AT LEES FERRY, AZ

LOCATION.--Lat 36 52'20", long 111 35'38", in NW1/4NE1/4 sec. 13, T.40 N., R.7 E., Coconino County, Hydrologic Unit 14070007, on left bank 0.6 mi northwest of Lees Ferry, and 1.1 mi upstream from mouth.

DRAINAGE AREA.--1,410 mi².

PERIOD OF RECORD.--October 1923 to current year.

REVISED RECORDS.--WSP 1925: 1958(M), drainage area.

GAGE.--Water-stage recorder. Datum of gage is 3,123.68 ft above sea level. Prior to October 5, 1925, nonrecording gage at site 2,000 ft upstream at different datum. October 13, 1925, to September 11, 1929, nonrecording gage at present site and datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Diversions above station for irrigation of about 3,300 acres, mostly in southern Utah.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 16,100 ft³/s Oct 5, 1925, gage height, 16.3 ft, from floodmark, from rating curve extended above 2,000 ft³/s on basis of float-area measurement of peak flow; maximum gage height, 16.65 ft, Sep 9, 1980; minimum daily discharge, 1 ft³/s in most years prior to 1931.

CORRECTION.--The maximum discharge for water year 2001 is 3,220 ft³/s; the previous published figure was not the maximum.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,400 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Sep 19	2145	*1,280	*7.84

Minimum daily discharge, 2.3 ft³/s Oct 13.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.4	6.6	17	e9.0	17	e23	12	4.3	4.0	3.8	5.3	3.9
2	5.5	7.8	16	e9.0	12	e20	14	4.3	4.0	3.5	4.8	3.9
3	10	9.3	16	e8.0	11	24	46	4.3	3.9	3.4	5.2	3.8
4	e245	11	15	e7.0	14	20	141	4.8	3.7	3.4	4.8	3.9
5	e53	11	14	e7.0	15	24	44	4.6	3.7	3.3	5.5	4.0
6	e19	11	17	e7.0	14	25	44	4.2	3.7	3.2	147	3.9
7	15	12	17	9.8	14	24	38	4.1	3.7	3.4	51	3.9
8	17	11	16	9.2	14	44	33	4.2	3.7	3.4	7.7	3.9
9	14	11	18	e10	14	49	31	4.3	3.6	3.4	4.8	3.9
10	8.7	12	14	e11	14	54	36	4.1	3.6	3.6	3.7	4.0
11	2.9	13	12	e13	14	57	20	4.0	3.8	3.7	3.8	4.0
12	2.7	14	12	e14	14	43	17	3.9	3.8	3.6	3.9	75
13	2.3	16	14	e15	11	35	17	4.1	3.8	3.7	3.3	27
14	5.0	17	14	e14	12	35	15	4.3	3.7	8.8	3.4	13
15	5.0	18	18	e13	14	32	14	4.3	3.8	5.0	3.3	8.7
16	5.0	18	15	e15	15	32	13	4.3	3.8	34	3.8	5.9
17	5.1	18	10	e14	18	27	11	4.2	3.7	59	3.9	5.0
18	5.4	17	10	e12	18	24	9.0	4.4	3.7	15	3.9	4.5
19	5.2	17	10	13	18	24	9.6	4.1	3.6	12	5.9	414
20	6.2	17	8.5	17	17	23	12	4.5	3.5	17	11	203
21	5.5	17	14	17	17	25	9.0	4.2	3.4	10	105	22
22	5.4	17	21	13	22	25	8.1	4.1	3.8	12	117	36
23	5.6	16	18	15	62	25	7.3	4.1	3.6	7.8	21	18
24	6.4	12	14	13	66	23	7.0	4.2	3.5	14	8.9	10
25	5.7	10	15	14	43	23	6.5	4.2	3.4	4.9	6.3	6.7
26	6.5	16	28	14	36	20	7.1	4.1	3.6	26	4.8	6.4
27	6.3	17	52	11	66	17	5.9	4.2	3.6	25	4.3	6.5
28	6.7	15	20	11	69	14	5.2	4.1	3.7	106	4.1	6.9
29	7.5	13	14	15	e34	12	4.9	4.0	3.6	105	4.0	88
30	7.1	13	12	16	---	12	4.6	4.0	3.7	16	4.0	44
31	6.9	---	e11	16	---	12	---	4.0	---	7.5	4.0	---
TOTAL	507.0	413.7	502.5	382.0	705	847	642.2	130.5	110.7	530.4	569.4	1043.7
MEAN	16.4	13.8	16.2	12.3	24.3	27.3	21.4	4.21	3.69	17.1	18.4	34.8
MAX	245	18	52	17	69	57	141	4.8	4.0	106	147	414
MIN	2.3	6.6	8.5	7.0	11	12	4.6	3.9	3.4	3.2	3.3	3.8
AC-FT	1010	821	997	758	1400	1680	1270	259	220	1050	1130	2070

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1924 - 2004, BY WATER YEAR (WY)

MEAN	30.0	23.2	20.8	22.3	37.2	38.2	20.5	10.3	7.10	23.8	52.9	52.3
MAX	288	123	69.4	96.7	242	216	93.3	52.4	58.3	172	237	424
(WY)	1926	1958	1967	1969	1980	1979	1979	1934	1972	1936	1932	1927
MIN	5.99	10.1	8.81	8.03	14.3	8.86	4.75	2.03	1.97	2.32	4.51	4.18
(WY)	1956	1991	1931	1931	2002	1972	2002	1927	1926	1939	1976	1968

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1924 - 2004	
ANNUAL TOTAL	5400.4		6384.1			
ANNUAL MEAN	14.8		17.4		28.2	
HIGHEST ANNUAL MEAN					65.1 1980	
LOWEST ANNUAL MEAN					11.1 2002	
HIGHEST DAILY MEAN	245	Oct 4	414	Sep 19	6750	Sep 13 1927
LOWEST DAILY MEAN	1.6	Aug 9	2.3	Oct 13	1.0	Jun 25 1926
ANNUAL SEVEN-DAY MINIMUM	3.2	Jul 8	3.4	Jul 3	1.0	Jul 16 1927
ANNUAL RUNOFF (AC-FT)	10710		12660		20410	
10 PERCENT EXCEEDS	24		34		42	
50 PERCENT EXCEEDS	11		11		14	
90 PERCENT EXCEEDS	3.5		3.7		3.7	

e Estimated

09403600 KANAB CREEK NEAR KANAB, UT

LOCATION.--Lat 37°06'02", long 112°32'50", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 5, T. 43 S., R. 6 W., Kane County, Hydrologic Unit 15010003, on left bank at upstream side of bridge on U.S. Highway 89, 300 ft upstream from Tiny Canyon and 3.5 mi north of Kanab.

DRAINAGE AREA.--194 mi² (revised).

PERIOD OF RECORD.--July 1959 to September 1968 (peaks only). January 1979 to current year

REVISED RECORDS.--WDR UT-98-1: 1997, daily values.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 5,060 ft above NGVD of 1929, from topographic map. A crest-stage gage from July 22, 1959 to September 30, 1968 at different datum. July 6, 1979 to September 18, 1984 water-stage recorder at same site, different datum.

REMARKS.--Records poor. Several diversions above station for irrigation and stock watering.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,030 ft³/s, Sep 8, 1961, gage height, 8.39 ft, from rating curve extended above 31 ft³/s on basis of slope area measurement at gage height, 7.09 ft; minimum daily discharge, 2.9 ft³/s, Jul 27, 2000.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 200 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Aug 19	1845	*237	*9.93	No other peak greater than base discharge.			

Minimum daily discharge, 2.9 ft³/s, Oct 16.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.8	4.0	6.7	6.6	7.5	e6.5	7.6	7.1	4.3	6.4	6.3	4.9
2	4.1	4.7	6.6	6.0	7.3	e7.0	7.7	6.9	4.0	6.3	6.4	4.9
3	6.0	4.6	7.0	6.3	7.8	e7.0	7.8	6.8	3.9	5.9	6.1	4.7
4	4.2	5.2	6.9	e6.0	7.6	6.8	7.4	6.5	4.0	5.9	5.9	4.9
5	3.9	5.8	6.9	e5.5	7.4	6.8	7.8	6.4	3.9	5.7	5.5	5.1
6	3.6	5.7	7.1	e6.0	7.3	6.8	7.3	6.6	3.9	5.6	6.3	5.0
7	3.3	5.1	6.7	7.2	7.4	6.6	9.1	6.7	e4.0	5.7	14	4.8
8	3.2	5.3	7.3	7.5	7.2	7.2	9.9	6.6	e3.8	5.8	4.8	4.9
9	3.2	4.9	6.7	7.1	7.2	8.6	10	6.2	e3.8	6.1	4.8	4.9
10	3.1	5.2	6.6	6.8	7.4	12	10	6.2	e3.8	6.3	5.4	4.8
11	3.0	5.6	6.9	5.8	7.5	21	9.9	5.9	e3.9	6.0	5.6	4.8
12	3.0	6.2	6.9	5.7	7.5	19	9.4	6.1	e3.9	6.1	5.8	4.9
13	3.0	6.2	6.6	5.7	7.8	27	9.4	6.5	e3.9	5.1	6.1	4.7
14	3.2	6.1	6.7	5.5	7.6	38	9.3	6.5	e4.2	5.6	6.4	5.0
15	3.1	6.1	7.0	5.3	7.6	37	8.8	6.1	4.2	6.2	6.4	5.2
16	2.9	6.4	8.1	5.7	7.7	23	8.3	6.4	4.6	6.1	5.5	5.2
17	3.2	6.0	8.1	5.1	7.4	22	8.1	6.4	4.9	5.6	5.0	5.2
18	3.2	6.3	7.5	4.9	7.5	22	8.7	6.1	4.5	6.4	5.1	5.1
19	3.6	6.6	7.8	5.0	7.7	23	7.8	5.3	4.5	6.1	5.1	8.3
20	3.5	6.6	8.0	5.2	7.2	22	7.7	5.4	4.5	5.7	22	6.3
21	3.4	6.5	7.9	5.2	7.0	19	7.2	5.7	4.6	6.1	5.1	6.4
22	3.4	6.9	8.5	5.0	6.7	15	6.8	6.0	5.0	6.0	5.2	6.7
23	3.8	8.2	8.7	5.1	6.6	11	6.7	6.1	5.1	6.0	5.6	6.3
24	3.6	7.4	8.1	5.0	6.8	9.0	6.7	5.7	5.2	6.2	5.6	6.1
25	3.5	7.0	7.3	5.3	7.1	7.0	6.5	5.2	5.6	7.1	5.6	6.0
26	4.0	7.5	7.8	6.5	e7.5	6.5	6.3	5.0	5.3	7.0	5.4	5.8
27	4.2	7.4	8.0	6.5	e7.0	6.6	6.3	4.8	5.7	8.3	5.2	5.8
28	3.7	7.4	15	6.1	e6.5	7.2	6.1	4.8	6.3	8.4	5.2	e6.2
29	3.8	7.2	8.6	6.2	e6.5	7.3	6.9	4.9	6.5	7.1	5.4	e6.7
30	3.7	7.0	7.1	6.8	---	7.4	7.7	5.0	6.7	6.9	5.1	e6.1
31	3.6	---	6.5	7.6	---	7.0	---	4.3	---	7.0	4.9	---
TOTAL	110.8	185.1	235.6	184.2	211.3	432.3	239.2	184.2	138.5	194.7	242.7	165.7
MEAN	3.57	6.17	7.60	5.94	7.29	13.9	7.97	5.94	4.62	6.28	7.83	5.52
MAX	6.0	8.2	15	7.6	7.8	38	10	7.1	6.7	8.4	5.1	8.3
MIN	2.9	4.0	6.5	4.9	6.5	6.5	6.1	4.3	3.8	5.1	4.8	4.7
AC-FT	220	367	467	365	419	857	474	365	275	386	481	329

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2004, BY WATER YEAR (WY)

MEAN	9.99	9.69	10.5	12.0	15.4	23.7	21.2	9.41	6.83	6.98	8.13	9.62
MAX	25.7	15.2	21.7	27.9	45.1	72.4	132	27.6	12.1	13.8	16.5	28.1
(WY)	(1982)	(1988)	(1980)	(1997)	(1980)	(1983)	(1980)	(1980)	(1981)	(1981)	(1981)	(1998)
MIN	3.57	5.33	5.31	5.15	5.64	8.83	6.81	5.62	4.36	3.90	4.07	4.77
(WY)	(2004)	(2002)	(1990)	(2002)	(2002)	(2002)	(1990)	(2001)	(1986)	(2000)	(1995)	(2002)

KANAB CREEK BASIN

09403600 KANAB CREEK NEAR KANAB, UT—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1980 - 2004	
ANNUAL TOTAL	3,254.2		2,524.3		11.9	
ANNUAL MEAN	8.92		6.90		5.96	
HIGHEST ANNUAL MEAN					28.4	1980
LOWEST ANNUAL MEAN					5.96	2002
HIGHEST DAILY MEAN	85	Mar 17	51	Aug 19	354	Apr 6, 1980
LOWEST DAILY MEAN	2.9	Oct 16	2.9	Oct 16	2.9	Jul 27, 2000
ANNUAL SEVEN-DAY MINIMUM	3.0	Oct 10	3.0	Oct 10	3.0	Jun 13, 1986
ANNUAL RUNOFF (AC-FT)	6,450		5,010		8,640	
10 PERCENT EXCEEDS	14		8.3		18	
50 PERCENT EXCEEDS	7.1		6.3		8.6	
90 PERCENT EXCEEDS	3.9		4.0		5.1	

e Estimated

