

09314500 PRICE RIVER AT WOODSIDE, UT

LOCATION.--Lat 39°15'50", long 110°20'45", in SW¹/₄SE¹/₄SE¹/₄, sec. 9, T. 18 S., R. 14 E., Emery County, Hydrologic Unit 14060007, on left downstream wingwall of old highway bridge, 200 ft downstream from railroad bridge at Woodside, and 16.3 mi upstream from mouth.

DRAINAGE AREA.--1,540 mi².

WATER-DISCHARGE RECORDS

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

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,200 ft³/s, Sep 7, 1991, gage height, 13.49 ft, from rating curve extended above 6,840 ft³/s; no flow at times in 1960, 1961, 1963, and 1992.

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

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct 11	1145	*2,550	*10.52	Oct 31	0700	2,430	10.36

Minimum daily discharge, 9.0 ft³/s, Sep 27, 28.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e27	441	e37	e40	e39	96	95	117	43	25	27	18
2	e26	130	e34	e37	e33	78	92	103	43	25	22	20
3	e24	93	e31	e36	e45	72	93	106	45	24	19	18
4	e21	75	e30	e33	e47	93	87	123	44	24	21	17
5	e19	61	e31	e32	e50	71	94	124	41	23	388	17
6	19	61	e38	e33	e49	65	97	106	47	22	66	18
7	17	61	e36	e34	e55	71	95	84	49	22	29	18
8	16	57	e37	e34	e57	80	101	81	48	22	30	19
9	18	51	e41	e33	e44	72	108	79	42	23	137	18
10	29	55	e40	e34	e40	151	99	83	40	23	133	18
11	697	57	e35	e40	e40	224	95	88	37	22	39	20
12	e240	54	e41	e47	e40	101	94	95	34	21	35	20
13	e85	e34	e33	e41	e45	79	85	107	30	24	29	170
14	e50	e30	e37	e41	e40	73	89	97	33	24	33	149
15	e40	e36	e37	e41	e37	72	79	117	41	47	36	51
16	e30	e37	e31	e42	e30	65	77	105	37	45	82	23
17	e21	e30	e32	e39	e39	62	83	95	32	82	60	17
18	e24	e31	e26	e31	e50	61	88	112	30	43	35	17
19	32	e28	e24	e25	e56	58	110	117	28	30	29	16
20	31	e30	e27	e30	e72	63	129	107	26	23	24	14
21	29	e36	e30	e35	e66	84	127	99	25	22	23	12
22	41	e38	e35	e41	e72	111	117	92	24	20	37	12
23	56	e41	e38	e36	e90	158	118	83	23	20	52	12
24	50	e43	e39	e38	e113	190	97	76	23	19	31	12
25	66	e37	e42	e42	93	187	78	75	23	17	26	9.8
26	77	e36	e44	e35	84	144	69	81	24	17	22	9.2
27	43	e39	e41	e48	74	135	68	71	25	17	19	9.0
28	43	e33	e45	e45	87	132	95	62	28	22	18	9.0
29	157	e38	e45	e49	---	108	96	56	30	22	18	10
30	217	e39	e37	e44	---	101	106	52	27	19	17	11
31	1520	---	e38	e40	---	97	---	49	---	18	18	---
TOTAL	3765	1832	1112	1176	1587	3154	2861	2842	1022	807	1555	784.0
MEAN	121	61.1	35.9	37.9	56.7	102	95.4	91.7	34.1	26.0	50.2	26.1
MAX	1520	441	45	49	113	224	129	124	49	82	388	170
MIN	16	28	24	25	30	58	68	49	23	17	17	9.0
AC-FT	7470	3630	2210	2330	3150	6260	5670	5640	2030	1600	3080	1560

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1947-92, 2000-2001, BY WATER YEAR (WY)

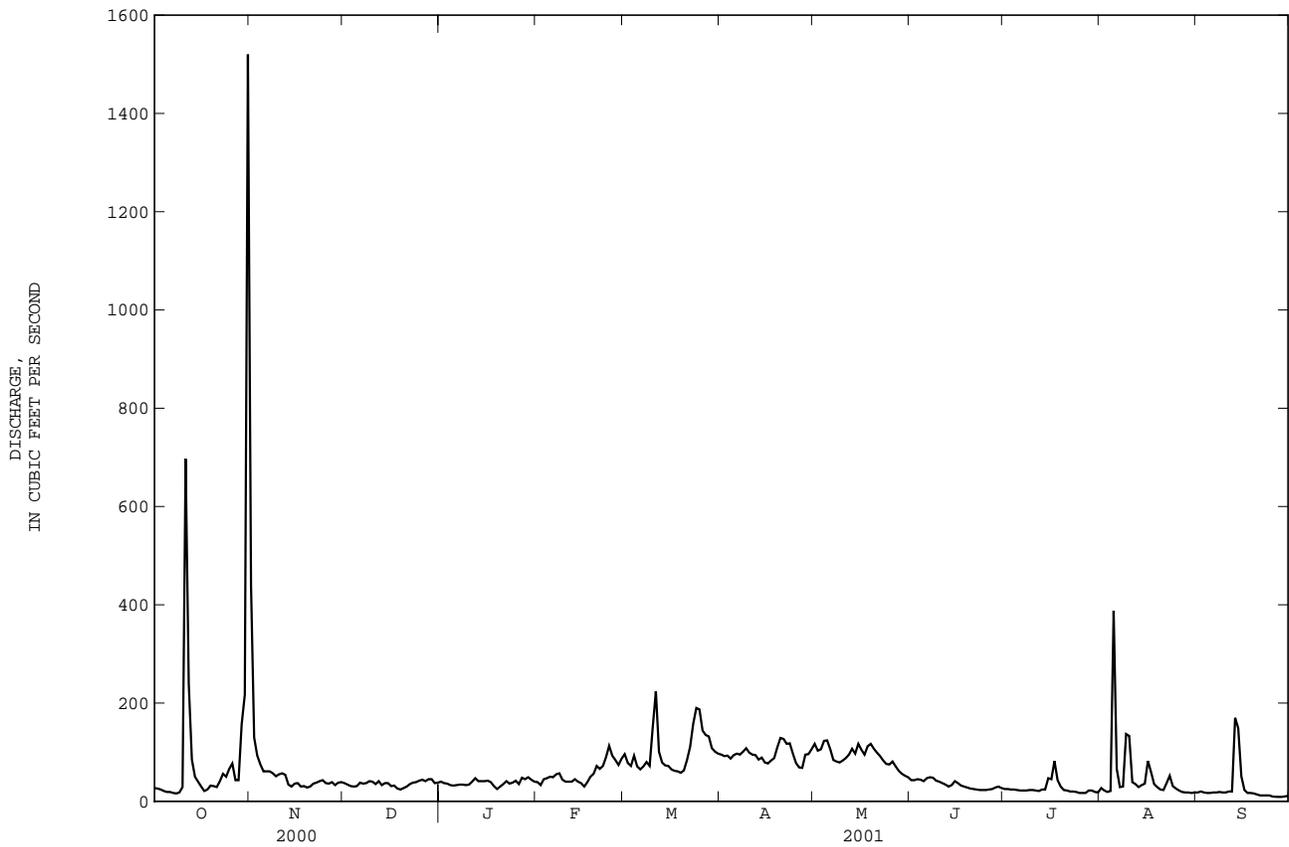
	MEAN	MAX	MIN	AC-FT
1947	93.3	399	18.3	7470
1948	65.8	337	17.9	3630
1949	41.9	101	12.2	2210
1950	35.1	80.0	10.7	2330
1951	60.9	227	18.0	3150
1952	116	375	25.6	6260
1953	182	768	15.0	5670
1954	290	1762	5.26	5640
1955	227	2023	1.51	2030
1956	99.9	427	4.21	1600
1957	113	478	8.61	3080
1958	109	494	5.72	1560
1959	109	494	5.72	1560
1960	109	494	5.72	1560
1961	109	494	5.72	1560
1962	109	494	5.72	1560
1963	109	494	5.72	1560
1964	109	494	5.72	1560
1965	109	494	5.72	1560
1966	109	494	5.72	1560
1967	109	494	5.72	1560
1968	109	494	5.72	1560
1969	109	494	5.72	1560
1970	109	494	5.72	1560
1971	109	494	5.72	1560
1972	109	494	5.72	1560
1973	109	494	5.72	1560
1974	109	494	5.72	1560
1975	109	494	5.72	1560
1976	109	494	5.72	1560
1977	109	494	5.72	1560
1978	109	494	5.72	1560
1979	109	494	5.72	1560
1980	109	494	5.72	1560
1981	109	494	5.72	1560
1982	109	494	5.72	1560
1983	109	494	5.72	1560
1984	109	494	5.72	1560
1985	109	494	5.72	1560
1986	109	494	5.72	1560
1987	109	494	5.72	1560
1988	109	494	5.72	1560
1989	109	494	5.72	1560
1990	109	494	5.72	1560
1991	109	494	5.72	1560
1992	109	494	5.72	1560
2000	109	494	5.72	1560
2001	109	494	5.72	1560

GREEN RIVER BASIN

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SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1947-92, 2000-2001	
ANNUAL TOTAL			22497.0			
ANNUAL MEAN			61.6		120	
HIGHEST ANNUAL MEAN					479	1983
LOWEST ANNUAL MEAN					25.9	1990
HIGHEST DAILY MEAN	1520	Oct 31	1520	Oct 31	6180	Sep 7 1991
LOWEST DAILY MEAN	14	Aug 26	9.0	Sep 27	.00	Jul 21 1960
ANNUAL SEVEN-DAY MINIMUM	17	Sep 14	10	Sep 24	.00	Jul 21 1960
ANNUAL RUNOFF (AC-FT)			44620		86890	
10 PERCENT EXCEEDS	64		107		240	
50 PERCENT EXCEEDS	32		40		52	
90 PERCENT EXCEEDS	20		19		18	

e Estimated



GREEN RIVER BASIN

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DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	20	89
2	---	---	---	---	---	---	---	---	---	---	23	e64
3	---	---	---	---	---	---	---	---	---	---	20	e50
4	---	---	---	---	---	---	---	---	---	---	22	e40
5	---	---	---	---	---	---	---	---	---	---	23	e32
6	---	---	---	---	---	---	---	---	---	e37	23	e29
7	---	---	---	---	---	---	---	---	---	29	22	e28
8	---	---	---	---	---	---	---	---	---	28	21	e27
9	---	---	---	---	---	---	---	---	---	34	23	e26
10	---	---	---	---	---	---	---	---	---	41	21	e25
11	---	---	---	---	---	---	---	---	---	52	21	e29
12	---	---	---	---	---	---	---	---	---	79	23	e26
13	---	---	---	---	---	---	---	---	---	51	21	e24
14	---	---	---	---	---	---	---	---	---	46	20	e22
15	---	---	---	---	---	---	---	---	---	36	34	e20
16	---	---	---	---	---	---	---	---	---	31	138	e18
17	---	---	---	---	---	---	---	---	---	34	23	e17
18	---	---	---	---	---	---	---	---	---	39	32	e16
19	---	---	---	---	---	---	---	---	---	61	30	e15
20	---	---	---	---	---	---	---	---	---	33	32	e14
21	---	---	---	---	---	---	---	---	---	27	27	e100
22	---	---	---	---	---	---	---	---	---	23	27	e60
23	---	---	---	---	---	---	---	---	---	21	23	45
24	---	---	---	---	---	---	---	---	---	19	19	35
25	---	---	---	---	---	---	---	---	---	22	16	32
26	---	---	---	---	---	---	---	---	---	25	14	31
27	---	---	---	---	---	---	---	---	---	21	26	27
28	---	---	---	---	---	---	---	---	---	19	48	27
29	---	---	---	---	---	---	---	---	---	19	28	32
30	---	---	---	---	---	---	---	---	---	19	36	e28
31	---	---	---	---	---	---	---	---	---	21	128	---
TOTAL	---	---	---	---	---	---	---	---	---	867	984	1028
MEAN	---	---	---	---	---	---	---	---	---	33.3	31.7	34.3
MAX	---	---	---	---	---	---	---	---	---	79	138	100
MIN	---	---	---	---	---	---	---	---	---	19	14	14
AC-FT	---	---	---	---	---	---	---	---	---	1720	1950	2040

e Estimated