09310500 FISH CREEK ABOVE RESERVOIR, NEAR SCOFIELD, UT

LOCATION.--Lat 39°46'28", long 111°11'25", in NW$^1/_4$NE$^1/_4$SW$^1/_4$ sec. 18, T. 12 S., R. 7 E., Carbon County, Hydrologic Unit 14060007, on right bank 0.8 mi upstream from bridge, 1.2 mi downstream from French Creek, and 4.5 mi north of Scofield.

DRAINAGE AREA.--60.1 mi^2.

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

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

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,450 ft^3/s, May 21, 1984, gage height, 6.20 ft; minimum recorded, 0.6 ft^3/s, Oct 31, 1960.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 270 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
May 1	2330	*273	*2.48				

Minimum daily discharge, 3.0 ft^3/s, Jan 8, 9.

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	8.7	13	e7.8	e4.4	e5.2	e6.8	21	236	e62	e18	7.6	6.9
2	8.2	12	e8.4	e4.2	e5.3	e6.0	e27	225	e58	e17	7.6	6.7
3	8.1	e11	e7.6	e3.7	e5.3	e6.6	30	183	e55	e16	10	6.4
4	8.1	e10	e7.0	e3.6	e5.8	e5.8	28	157	e52	e16	12	6.6
5	8.0	e12	e6.8	e3.4	e5.7	e6.6	30	143	e50	e16	9.7	6.3
6	8.1	e13	e6.4	e3.2	e5.9	e7.2	31	e145	e48	e15	8.3	5.9
7	8.0	e12	e6.0	e3.2	e6.6	e7.6	29	e150	e46	e14	10	5.8
8	8.0	e11	e6.4	e3.0	e5.8	e7.0	27	e180	50	e15	11	5.9
9	8.2	e12	e6.6	e3.0	e5.2	e7.2	e26	e220	46	e15	12	6.1
10	9.7	e13	e7.6	e3.2	e5.7	e8.0	26	e255	43	e14	12	6.1
11	14	e12	e7.2	e3.6	e6.1	e6.8	e22	e250	e38	e13	9.8	6.0
12	13	e12	e7.4	e3.9	e6.7	e6.3	25	e245	e37	e13	9.3	6.0
13	12	11	e7.3	e4.1	e6.8	e6.6	e23	e255	37	e15	11	6.4
14	11	13	e7.2	e4.1	e6.7	e7.0	24	e240	e36	e15	10	6.2
15	10	13	e6.6	e3.9	e6.2	e8.5	25	e245	e34	e16	9.2	6.1
16	10	e13	e7.4	e3.8	e5.7	e9.4	31	e230	e32	e14	9.1	6.1
17	9.7	e12	e7.2	e3.7	e5.7	e9.8	41	e215	31	e12	9.0	6.7
18	9.5	e12	e6.8	e3.7	e6.2	e10	55	e205	29	e11	8.6	6.4
19	9.4	e11	e6.2	e3.7	e7.3	e11	70	196	27	10	8.5	6.2
20	9.3	e11	e5.8	e3.8	e7.7	e11	75	e185	e24	9.8	9.1	6.1
21	11	e9.8	e5.8	e3.6	e7.7	e12	61	e170	24	9.5	9.1	6.1
22	14	e9.2	e6.0	e3.5	e6.6	e13	53	e145	24	9.2	8.5	6.1
23	12	e9.3	e5.8	e3.6	e7.5	e15	48	e130	23	8.9	7.4	6.0
24	12	e9.2	e6.0	e4.1	e7.6	e17	50	e120	e23	9.0	6.9	5.9
25	11	e8.6	e5.8	e4.2	e7.0	e19	62	e113	e21	8.9	6.5	5.7
26	10	e8.4	e6.1	e4.5	e6.6	20	e92	e108	e22	10	6.2	5.7
27	10	e7.5	e6.4	e4.6	e7.6	e21	e125	e98	e25	11	5.9	5.7
28	11	e7.6	e5.8	e4.5	e7.5	21	e150	e90	e21	9.5	5.9	5.9
29	11	e8.2	e5.4	e5.1	---	20	188	e81	e19	8.2	6.1	6.0
30	11	e8.2	e5.3	e5.3	---	e20	203	e73	e18	7.8	6.9	6.8
31	13	---	e4.9	e5.2	---	e20	---	e67	---	8.5	6.7	---
TOTAL	317.0	325.0	203.0	121.4	179.7	353.2	1698	5355	1055	385.3	269.9	184.8
MEAN	10.2	10.8	6.55	3.92	6.42	11.4	56.6	173	35.2	12.4	8.71	6.16
MAX	14	13	8.4	5.3	7.7	21	203	255	62	18	12	6.9
MIN	8.0	7.5	4.9	3.0	5.2	5.8	21	67	18	7.8	5.9	5.7
AC-FT	629	645	403	241	356	701	3370	10620	2090	764	535	367

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2001, BY WATER YEAR (WY)

MEAN	11.6	11.4	9.72	8.87	9.35	13.2	61.0	266	138	30.3	14.8	11.2
MAX	26.7	28.8	19.3	20.3	21.2	42.7	167	681	731	99.6	37.5	27.0
(WY)	1983	1983	1985	1971	1994	1986	1988	1952	1983	1983	1983	1983
MIN	5.34	6.01	5.16	3.34	3.79	5.00	11.5	23.5	14.4	6.83	4.07	3.49
(WY)	1978	1965	1962	1979	1979	1964	1975	1977	1977	1977	1977	1977

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1939 - 2001	
ANNUAL TOTAL	10738.4		10447.3			
ANNUAL MEAN	29.3		28.6		49.0	
HIGHEST ANNUAL MEAN					113	1983
LOWEST ANNUAL MEAN					10.2	1977
HIGHEST DAILY MEAN	228	May 4	255	May 10	1310	May 22 1984
LOWEST DAILY MEAN	4.9	Dec 31	3.0	Jan 8	2.6	Jan 31 1979
ANNUAL SEVEN-DAY MINIMUM	5.7	Dec 25	3.2	Jan 4	2.8	Jan 29 1979
ANNUAL RUNOFF (AC-FT)	21300		20720		35510	
10 PERCENT EXCEEDS	91		71		128	
50 PERCENT EXCEEDS	12		9.4		13	
90 PERCENT EXCEEDS	7.5		5.3		7.0	

e Estimated