

09406900 WET SANDY CREEK NEAR PINTURA, UT

LOCATION.--Lat. $37^{\circ}19'27''$, long $113^{\circ}21'23''$, in SW $\frac{1}{4}$ /SW $\frac{1}{4}$ /NE $\frac{1}{4}$ sec. 7, T. 40 S., R. 13 W., Washington County, Hydrologic Unit 15010008, Dixie National Forest, on left bank about 100 ft upstream from unnamed diversion, 4.5 mi west of Pintura, Utah, and 5.0 mi upstream from mouth.

DRAINAGE AREA.--5.02 mi 2 .

PERIOD OF RECORD.--December 1993 to September 2001 (discontinued).

REVISED RECORD.--WDR UT-98-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 5,400 ft above sea level, from topographic map.

REMARKS.--Records fair except for daily discharges less than 2.0 ft 3 /s and estimated daily discharges, which are poor. No regulation or diversion upstream from station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 321 ft 3 /s (estimated), Jul 15, 1996, gage height, 7.48 ft, from floodmarks, from rating curve extended above 4.5 ft 3 /s on the basis of velocity-area measurements at gage heights, 7.05 ft and 7.20 ft; minimum daily discharge, 0.06 ft 3 /s (estimated), Aug 23, 24, 26, 1996.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 100 ft 3 /s and maximum (*):

Date	Time	Discharge (ft 3 /s)	Gage height (ft)	Date	Time	Discharge (ft 3 /s)	Gage height (ft)
Oct 30	0820	*32	*5.85				

Minimum daily discharge, 0.20 ft 3 /s, Oct 6, 7, 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	.21	.49	.41	.42	e.40	.52	2.4	3.3	1.8	2.0	1.0	.79
2	.21	.47	.41	.40	.41	.51	2.5	2.6	1.9	2.0	1.0	.79
3	.21	.47	.41	e.40	.46	.57	2.5	2.5	1.9	1.9	1.0	.78
4	.22	.49	.42	.42	.57	.55	2.5	2.5	2.0	1.9	1.0	.76
5	.21	.47	.41	.41	.76	.85	2.4	2.4	2.0	1.9	1.0	.74
6	.20	.46	.42	.41	.90	4.3	2.2	2.4	2.1	1.9	1.0	.72
7	.20	.54	.41	.45	.69	5.9	2.3	2.4	2.3	1.9	1.0	.68
8	.20	.85	.42	.42	.57	4.8	2.3	2.4	2.2	1.9	1.0	.68
9	.20	.47	.41	.50	.27	8.0	2.0	2.4	2.2	1.9	1.0	.65
10	.74	.76	.41	.42	.36	6.1	1.9	2.3	2.2	1.8	1.1	.64
11	.25	1.4	.41	e.50	.58	1.6	1.8	2.2	2.2	1.7	1.8	.63
12	.25	e1.0	.43	e.50	.47	1.1	1.9	2.1	2.2	1.6	1.2	.67
13	.25	e.80	.40	.43	.52	2.8	1.7	2.2	2.3	1.5	1.2	.67
14	.25	e.60	.43	.44	1.4	1.7	1.6	2.1	2.3	1.6	1.1	.64
15	.25	e.50	.43	.44	4.0	1.2	1.7	2.0	2.2	1.5	1.1	.60
16	.24	e.50	e.40	e.40	.72	1.1	1.8	2.0	2.4	1.4	1.0	.60
17	.23	e.50	.42	e.40	.51	1.0	2.0	2.0	2.2	1.5	1.1	.59
18	.22	e.50	e.40	.45	.53	1.6	2.2	2.0	2.2	1.4	.98	.56
19	.22	e.50	.41	.42	.66	2.8	2.4	2.2	2.3	1.4	.99	.55
20	.21	.56	e.40	.42	.68	3.3	2.4	2.1	2.3	1.4	1.0	.54
21	.21	.51	.42	e.40	.59	3.6	2.6	2.0	2.2	1.4	.99	.52
22	.22	.43	.41	.41	.68	4.1	2.5	1.9	2.1	1.3	.96	.50
23	.47	.41	.40	.43	.62	2.5	2.2	1.9	2.1	1.3	.89	.49
24	.29	.42	.39	.43	.50	2.6	2.4	1.9	2.1	1.3	.89	.48
25	.25	.43	e.40	.46	.45	2.2	2.5	1.7	2.1	1.3	.89	.48
26	.25	.45	e.40	.41	.48	2.2	2.9	1.7	2.2	1.3	.87	.48
27	1.1	.43	e.45	.42	.49	2.1	2.7	1.7	2.1	1.2	.85	.48
28	.35	.41	.45	.41	.56	2.2	3.3	1.9	2.0	1.2	.84	.46
29	.36	.41	.49	.41	---	2.1	3.2	1.9	2.1	1.1	.84	.46
30	4.0	.41	.43	e.40	---	2.1	3.3	1.8	2.0	1.0	.80	.45
31	.58	---	.42	e.40	---	2.1	---	1.8	---	1.0	.79	---
TOTAL	13.05	16.64	12.92	13.23	19.83	78.10	70.1	66.3	64.2	47.5	31.18	18.08
MEAN	.42	.55	.42	.43	.71	2.52	2.34	2.14	2.14	1.53	1.01	.60
MAX	4.0	1.4	.49	.50	4.0	8.0	3.3	3.3	2.4	2.0	1.8	.79
MIN	.20	.41	.39	.40	.27	.51	1.6	1.7	1.8	1.0	.79	.45
AC-FT	26	33	26	26	39	155	139	132	127	94	62	36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2001, BY WATER YEAR (WY)

MEAN	.82	.71	.57	.64	1.39	3.31	2.47	2.43	2.10	2.77	1.42	1.12
MAX	2.00	1.58	1.08	1.19	4.74	11.5	5.34	5.70	4.94	7.67	3.74	3.21
(WY)	1999	1999	1999	1997	1995	1995	1998	1998	1995	1995	1998	1998
MIN	.092	.34	.27	.21	.26	.53	.51	.56	.21	.60	.14	.12
(WY)	1997	1995	2000	2000	2000	1999	1999	1996	1996	1997	1996	1996

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SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1995 - 2001
ANNUAL TOTAL	276.97	451.13	
ANNUAL MEAN	.76	1.24	
HIGHEST ANNUAL MEAN			1.65
LOWEST ANNUAL MEAN			3.84
HIGHEST DAILY MEAN	4.0 Oct 30	8.0 Mar 9	.73
LOWEST DAILY MEAN	.13 Jan 22	.20 Oct 6	61 Feb 14 1995
ANNUAL SEVEN-DAY MINIMUM	.16 Jan 19	.21 Oct 3	.06 Aug 23 1996
ANNUAL RUNOFF (AC-FT)	549	895	.07 Aug 21 1996
10 PERCENT EXCEEDS	1.7	2.4	1200 4.7
50 PERCENT EXCEEDS	.50	.85	.78
90 PERCENT EXCEEDS	.22	.40	.25

e Estimated

