

SAN JUAN RIVER BASIN

1

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, 15 ft³/s, May 30, gage height, 3.62 ft; no flow on many days.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	e0.03	e0.02	e0.01	e0.03	0.02	0.05	0.73	10	0.04	0.00	0.03
2	0.00	e0.03	e0.02	e0.02	e0.03	0.02	0.05	0.73	9.0	0.03	0.04	0.02
3	0.00	e0.02	e0.02	e0.02	e0.02	0.02	0.06	0.96	7.6	0.02	0.06	0.03
4	0.00	e0.02	e0.02	e0.03	e0.02	0.02	0.05	1.2	6.5	0.01	0.07	0.03
5	0.00	e0.02	e0.02	e0.02	e0.02	0.02	0.05	1.1	5.3	0.00	0.07	0.03
6	0.00	e0.03	e0.02	e0.03	e0.01	0.02	0.05	1.1	4.3	0.00	0.05	0.04
7	0.00	e0.03	e0.02	e0.03	e0.01	0.02	0.05	1.0	3.6	0.00	0.06	0.03
8	0.00	e0.03	e0.02	e0.03	e0.02	0.02	0.05	1.0	3.0	0.00	0.05	0.03
9	0.00	e0.03	e0.03	e0.02	e0.02	0.02	0.06	1.0	2.6	0.00	0.05	0.06
10	0.00	e0.02	e0.02	e0.02	e0.03	0.02	0.06	0.83	2.4	0.00	0.05	0.00
11	0.00	e0.02	e0.02	e0.02	0.03	0.02	0.07	0.62	2.0	0.00	e0.03	0.00
12	0.00	e0.02	e0.02	e0.02	0.03	0.02	0.08	0.58	1.7	0.00	e0.02	0.01
13	0.00	e0.02	e0.02	e0.03	0.04	0.02	0.10	0.72	1.3	0.00	e0.01	0.01
14	0.01	e0.02	e0.03	e0.03	0.03	0.02	0.15	0.80	0.99	0.00	e0.03	0.01
15	0.01	e0.02	e0.03	e0.02	0.03	0.02	0.18	1.3	0.73	0.00	e0.02	0.00
16	0.02	e0.02	e0.02	e0.03	0.03	0.02	0.19	1.7	0.55	0.00	e0.04	0.00
17	0.02	e0.02	e0.02	e0.03	0.03	0.02	0.20	2.3	0.45	0.00	e0.03	0.00
18	0.02	e0.02	e0.01	e0.03	0.03	0.02	0.19	3.4	0.42	0.00	e0.02	0.00
19	0.02	e0.02	e0.01	e0.03	0.03	0.03	0.17	4.0	0.37	0.00	e0.01	0.00
20	0.03	e0.03	e0.01	e0.03	0.03	0.03	0.18	3.7	0.30	0.00	e0.01	0.00
21	0.03	e0.03	e0.01	e0.03	0.02	0.03	0.18	3.7	0.27	0.00	e0.01	0.00
22	0.03	e0.03	e0.01	e0.03	0.02	0.03	0.18	4.3	0.23	0.00	e0.01	0.00
23	e0.02	e0.03	e0.01	e0.03	0.02	0.03	0.18	5.1	0.19	0.00	e0.01	0.00
24	e0.03	e0.03	e0.01	e0.03	0.02	0.03	0.19	5.9	0.16	0.00	e0.01	0.00
25	e0.03	e0.02	e0.01	e0.03	0.02	0.03	0.21	8.2	0.14	0.00	e0.01	0.00
26	e0.02	e0.02	e0.01	e0.03	0.02	0.03	0.22	9.3	0.11	0.00	e0.01	0.00
27	e0.02	e0.02	e0.02	e0.03	0.02	0.03	0.26	9.5	0.09	0.00	e0.02	0.00
28	e0.02	e0.03	e0.02	e0.03	0.02	0.03	0.29	11	0.07	0.00	0.04	0.00
29	e0.02	e0.03	e0.02	e0.03	---	0.04	0.36	14	0.06	0.00	0.03	0.00
30	e0.02	e0.02	e0.02	e0.03	---	0.05	0.52	14	0.05	0.00	0.03	0.00
31	e0.02	---	e0.01	e0.03	---	0.05	---	13	---	0.00	0.03	---
TOTAL	0.39	0.73	0.55	0.83	0.68	0.80	4.63	126.77	64.48	0.10	0.93	0.33
MEAN	0.013	0.024	0.018	0.027	0.024	0.026	0.15	4.09	2.15	0.003	0.030	0.011
MAX	0.03	0.03	0.03	0.03	0.04	0.05	0.52	14	10	0.04	0.07	0.06
MIN	0.00	0.02	0.01	0.01	0.01	0.02	0.05	0.58	0.05	0.00	0.00	0.00
AC-FT	0.8	1.4	1.1	1.6	1.3	1.6	9.2	251	128	0.2	1.8	0.7

e Estimated