

ESCALANTE RIVER BASIN

09338900 DEER CREEK NEAR BOULDER, UT

LOCATION.--Lat 37°51'12", long 111°21'16", in NW¹/₄SE¹/₄NE¹/₄ 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 occasions.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,850 ft³/s, Sep 16, gage height, 9.19 ft; minimum daily discharge, 4.2 ft³/s, Sep 6, 7, 10.

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	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	e4.2
7	---	---	---	---	---	---	---	---	---	---	---	4.2
8	---	---	---	---	---	---	---	---	---	---	---	4.3
9	---	---	---	---	---	---	---	---	---	---	---	4.3
10	---	---	---	---	---	---	---	---	---	---	---	4.2
11	---	---	---	---	---	---	---	---	---	---	---	4.3
12	---	---	---	---	---	---	---	---	---	---	---	4.4
13	---	---	---	---	---	---	---	---	---	---	---	7.3
14	---	---	---	---	---	---	---	---	---	---	---	4.9
15	---	---	---	---	---	---	---	---	---	---	---	5.0
16	---	---	---	---	---	---	---	---	---	---	---	245
17	---	---	---	---	---	---	---	---	---	---	---	11
18	---	---	---	---	---	---	---	---	---	---	---	6.1
19	---	---	---	---	---	---	---	---	---	---	---	5.5
20	---	---	---	---	---	---	---	---	---	---	---	5.1
21	---	---	---	---	---	---	---	---	---	---	---	5.0
22	---	---	---	---	---	---	---	---	---	---	---	4.9
23	---	---	---	---	---	---	---	---	---	---	---	4.8
24	---	---	---	---	---	---	---	---	---	---	---	4.7
25	---	---	---	---	---	---	---	---	---	---	---	4.8
26	---	---	---	---	---	---	---	---	---	---	---	4.7
27	---	---	---	---	---	---	---	---	---	---	---	4.8
28	---	---	---	---	---	---	---	---	---	---	---	4.8
29	---	---	---	---	---	---	---	---	---	---	---	4.8
30	---	---	---	---	---	---	---	---	---	---	---	e4.8
31	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

e Estimated

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09338900 DEER CREEK NEAR BOULDER, UT--Continued

