

09223385 Hams Fork below Viva Naughton Reservoir, WY

Upper Green Basin
Blacks Fork Subbasin

LOCATION.--Lat 41°57'48.12", long 110°39'36.38" referenced to North American Datum of 1983, in sec.23, T.23 N., R.117 W., Lincoln County, WY, Hydrologic Unit 14040107, on left bank 1750 feet downstream of Viva Naughton outlet structure.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--August to September 2007.

GAGE.--Water-stage recorder. Elevation of gage is 7,160 ft above NGVD, from topographic map. Wyoming State Engineer's data collection platform with satellite telemetry at station.

COOPERATION.--Station operated and record provided by the Wyoming State Engineer's Office; record reviewed by U.S. Geological Survey.

REMARKS.--Records fair except for periods of estimated daily discharges, which are poor. Results of discharge measurements made during the period when the station was not in operation are listed in the following table:

Additional Discharge Measurements	
Date	Discharge, in ft ³ /sec
Oct. 12	27.8
Nov. 22	20.9
Jan. 9	28.5
Feb. 13	29.5
May 8	239
July 19	102

EXTREMES FOR PERIOD OF RECORD.--Maximum instantaneous discharge, unknown; gage height, unknown; minimum daily discharge, 51 ft³/s, August 5, 2007.

EXTREMES FOR CURRENT YEAR.--Maximum instantaneous discharge, unknown; gage height, unknown; minimum daily discharge, 51 ft³/s, August 5.

09223385 Hams Fork below Viva Naughton Reservoir, WY—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES
 [e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	e53	159
2	---	---	---	---	---	---	---	---	---	---	53	159
3	---	---	---	---	---	---	---	---	---	---	53	159
4	---	---	---	---	---	---	---	---	---	---	53	154
5	---	---	---	---	---	---	---	---	---	---	51	149
6	---	---	---	---	---	---	---	---	---	---	56	148
7	---	---	---	---	---	---	---	---	---	---	e60	148
8	---	---	---	---	---	---	---	---	---	---	e66	149
9	---	---	---	---	---	---	---	---	---	---	66	149
10	---	---	---	---	---	---	---	---	---	---	69	159
11	---	---	---	---	---	---	---	---	---	---	71	170
12	---	---	---	---	---	---	---	---	---	---	74	161
13	---	---	---	---	---	---	---	---	---	---	84	147
14	---	---	---	---	---	---	---	---	---	---	103	149
15	---	---	---	---	---	---	---	---	---	---	111	150
16	---	---	---	---	---	---	---	---	---	---	118	151
17	---	---	---	---	---	---	---	---	---	---	e81	150
18	---	---	---	---	---	---	---	---	---	---	e68	137
19	---	---	---	---	---	---	---	---	---	---	e68	126
20	---	---	---	---	---	---	---	---	---	---	e71	124
21	---	---	---	---	---	---	---	---	---	---	55	119
22	---	---	---	---	---	---	---	---	---	---	53	120
23	---	---	---	---	---	---	---	---	---	---	53	121
24	---	---	---	---	---	---	---	---	---	---	55	114
25	---	---	---	---	---	---	---	---	---	---	56	105
26	---	---	---	---	---	---	---	---	---	---	58	104
27	---	---	---	---	---	---	---	---	---	---	60	105
28	---	---	---	---	---	---	---	---	---	---	66	103
29	---	---	---	---	---	---	---	---	---	---	68	101
30	---	---	---	---	---	---	---	---	---	---	69	101
31	---	---	---	---	---	---	---	---	---	---	118	---
Total	---	---	---	---	---	---	---	---	---	---	2,140	4,091
Mean	---	---	---	---	---	---	---	---	---	---	69.0	136
Max	---	---	---	---	---	---	---	---	---	---	118	170
Min	---	---	---	---	---	---	---	---	---	---	51	101
Ac-ft	---	---	---	---	---	---	---	---	---	---	4,240	8,110

