

**13014500 GROS VENTRE RIVER AT KELLY, WY**

Snake Headwaters Basin  
Gros Ventre Subbasin

LOCATION.--Lat 43°37'15.2", long 110°37'23" referenced to North American Datum of 1983, in NW ¼ sec.11, T.42 N., R.115 W., Teton County, WY, Hydrologic Unit 17040102, 3 mi below Turpin Creek and 0.3 mi south of Kelly, WY.

DRAINAGE AREA.--622 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--June to September 1918, October 1944 to September 1958 (continuous record), 2002, 2006, 2007 miscellaneous discharge measurements, April 2008 to September 2010 (no winter records), October 2010 to November 2012, March 2013 to September 30, 2013.

GAGE.--Water-stage recorder. Elevation of gage is 6,660 ft above NGVD of 1929, from topographic map. June 16 to September 30, 1918, staff gage at site 1.2 mi upstream at different datum. October 1, 1944 to August 8, 1949, wire-weight gage on bridge 280 ft upstream at different datum. August 9, 1949 to June 25, 1953, staff gage 315 ft upstream at different datum. May 15 to July 23, 1954, May 22 to June 28, 1955, supplementary staff gage 5 ft upstream at datum different, and May 20 1956 to July 10, 1958, supplementary staff gage at site 5 ft upstream at datum at different datum. July 10 to September 30, 1958, staff gage at site 305 ft upstream at different datum. U.S. Geological Survey data collection platform with satellite telemetry at station.

REMARKS.--Records good except those for October 1 to November 28, which are fair. Diversions above station for irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,960 ft<sup>3</sup>/s, June 16, 1918, gage height, 9.95 ft, site and datum then in use; minimum daily discharge, 101 ft<sup>3</sup>/s, March 12, 1956.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 18, 1927, when landslide about 4 mi upstream washed out, released about 60,000 acre-ft of impounded water (discharge not determined).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,730 ft<sup>3</sup>/s, May 15, gage height, 4.02 ft; minimum daily discharge, 137 ft<sup>3</sup>/s, March 27.

## 13014500 GROS VENTRE RIVER AT KELLY, WY—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	191	225	---	---	---	---	192	287	781	628	230	163
2	191	222	---	---	---	---	213	265	697	592	219	157
3	190	216	---	---	---	---	228	251	777	553	209	157
4	189	208	---	---	---	---	236	262	931	524	200	163
5	189	206	---	---	---	---	252	285	932	557	193	166
6	191	205	---	---	---	---	253	331	960	535	188	170
7	190	203	---	---	---	---	239	398	1,090	508	185	177
8	189	201	---	---	---	---	223	495	1,270	538	183	178
9	190	203	---	---	---	---	200	615	1,480	558	177	177
10	192	204	---	---	---	---	180	814	1,600	490	174	173
11	192	194	---	---	---	---	180	996	1,810	434	174	168
12	192	169	---	---	---	---	184	1,160	1,680	401	171	165
13	192	169	---	---	---	---	190	1,540	1,500	382	172	165
14	192	183	---	---	---	---	187	2,190	1,390	367	174	164
15	194	190	---	---	---	---	178	2,490	1,180	346	172	170
16	201	185	---	---	---	---	170	2,250	981	325	168	180
17	218	190	---	---	---	---	162	2,220	897	332	163	193
18	222	201	---	---	---	---	158	2,160	875	337	156	228
19	214	205	---	---	---	---	159	1,860	870	314	152	286
20	210	206	---	---	---	---	164	1,380	831	290	148	269
21	210	205	---	---	---	---	171	1,100	748	273	144	244
22	215	203	---	---	---	---	173	992	668	259	148	223
23	231	188	---	---	---	---	169	1,100	616	246	155	208
24	236	180	---	---	---	---	163	1,260	590	237	161	199
25	224	201	---	---	---	---	164	1,250	600	233	165	219
26	210	203	---	---	---	---	169	1,220	651	230	165	255
27	208	185	---	---	---	137	188	1,180	668	226	165	257
28	214	169	---	---	---	140	229	1,180	681	227	169	250
29	222	---	---	---	---	151	274	1,170	676	232	172	237
30	227	---	---	---	---	165	291	1,090	650	234	173	231
31	227	---	---	---	---	177	---	945	---	233	169	---
<b>Total</b>	6,353	---	---	---	---	---	5,939	34,736	29,080	11,641	5,394	5,992
<b>Mean</b>	205	---	---	---	---	---	198	1,121	969	376	174	200
<b>Max</b>	236	---	---	---	---	---	291	2,490	1,810	628	230	286
<b>Min</b>	189	---	---	---	---	---	158	251	590	226	144	157
<b>Ac-ft</b>	12,600	---	---	---	---	---	11,780	68,900	57,680	23,090	10,700	11,890

13014500 GROS VENTRE RIVER AT KELLY, WY—Continued

