

Water-Data Report 2009

**06661585 LARAMIE RIVER NEAR BOSLER, WY**

North Platte Basin  
Upper Laramie Subbasin

LOCATION.--Lat 41°33'17", long 105°40'58" referenced to North American Datum of 1927, in NW ¼ NW ¼ NE ¼ sec.10, T.18 N., R.74 W., Albany County, WY, Hydrologic Unit 10180010, on left bank 50 ft upstream from bridge on U.S. Highways 30 and 287, 0.2 mi northwest of Bosler Junction, 1.7 mi south of Bosler, and 2.0 mi downstream from Soil Bank Boughton Canal diversion dam.

DRAINAGE AREA.--1,790 mi<sup>2</sup> of which 283 mi<sup>2</sup> probably is noncontributing.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1972 to current year (no winter records since 2007).

GAGE.--Water-stage recorder. Elevation of gage is 7,030 ft above NGVD of 1929, from topographic map.

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

REMARKS.--Records fair. Natural flow of stream affected by transbasin diversions, storage reservoirs, diversion upstream from station for irrigation of about 54,700 acres, of which about 2,300 acres are downstream from station, and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,480 ft<sup>3</sup>/s, June 11, 1986, gage height, 7.39 ft; maximum gage height, 8.40 ft, April 22, 1973, from ice jams; minimum daily discharge, 0.0 ft<sup>3</sup>/s, some days, some years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,620 ft<sup>3</sup>/s, June 5, gage height, 5.80 ft; minimum daily discharge, 23 ft<sup>3</sup>/s, September 13 and 14.

## 06661585 LARAMIE RIVER NEAR BOSLER, WY—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**  
**DAILY MEAN VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	e80	152	965	219	149	36
2	---	---	---	---	---	---	e86	140	963	195	158	31
3	---	---	---	---	---	---	e90	170	1,080	219	144	31
4	---	---	---	---	---	---	e64	249	1,240	282	127	32
5	---	---	---	---	---	---	e54	239	1,560	430	112	30
6	---	---	---	---	---	---	e50	236	1,470	625	101	27
7	---	---	---	---	---	---	82	220	1,400	686	98	27
8	---	---	---	---	---	---	96	209	1,380	700	91	27
9	---	---	---	---	---	---	118	217	1,350	624	83	30
10	---	---	---	---	---	---	138	262	1,320	419	76	28
11	---	---	---	---	---	---	135	323	1,260	289	69	26
12	---	---	---	---	---	---	128	317	1,270	243	62	25
13	---	---	---	---	---	---	129	279	1,310	235	54	23
14	---	---	---	---	---	---	124	239	1,270	223	53	23
15	---	---	---	---	---	---	113	263	1,130	215	52	24
16	---	---	---	---	---	---	109	294	852	211	50	31
17	---	---	---	---	---	---	109	258	657	190	51	39
18	---	---	---	---	---	---	117	244	585	171	52	34
19	---	---	---	---	---	---	135	220	544	153	50	28
20	---	---	---	---	---	---	152	202	483	138	49	27
21	---	---	---	---	---	---	185	221	428	131	43	31
22	---	---	---	---	---	---	210	285	408	129	39	35
23	---	---	---	---	---	---	185	359	383	119	36	37
24	---	---	---	---	---	---	160	436	360	108	34	37
25	---	---	---	---	---	---	156	507	322	98	34	37
26	---	---	---	---	---	---	160	576	298	97	34	38
27	---	---	---	---	---	---	175	627	283	99	36	36
28	---	---	---	---	---	---	191	691	266	113	38	35
29	---	---	---	---	---	---	193	780	267	116	37	34
30	---	---	---	---	---	---	174	865	254	126	35	32
31	---	---	---	---	---	---	---	955	---	135	40	---
<b>Total</b>	---	---	---	---	---	---	3,898	11,035	25,358	7,738	2,087	931
<b>Mean</b>	---	---	---	---	---	---	130	356	845	250	67.3	31.0
<b>Max</b>	---	---	---	---	---	---	210	955	1,560	700	158	39
<b>Min</b>	---	---	---	---	---	---	50	140	254	97	34	23
<b>Ac-ft</b>	---	---	---	---	---	---	7,730	21,890	50,300	15,350	4,140	1,850

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