

Water-Data Report 2012

**06233000 LITTLE POPO AGIE RIVER NEAR LANDER, WY**

Big Horn Basin  
Popo Agie Subbasin

LOCATION.--Lat 42°43'00", long 108°38'34" referenced to North American Datum of 1927, in NE ¼ SE ¼ sec.27, T.32 N., R.99 W., Fremont County, WY, Hydrologic Unit 10080003, on left bank 700 ft downstream from bridge on State Highway 28, 2.5 mi downstream from Red Canyon Creek, and 9.5 mi southeast of post office in Lander.

DRAINAGE AREA.--125 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--March 1946 to current year (no winter records since 1971).

REVISED RECORDS.--WSP 1709: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 5,436.49 ft above NGVD of 1929. 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 good. Diversions for irrigation upstream from station. Slight regulation by Christina Lake, capacity, about 3,860 acre-ft.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,010 ft<sup>3</sup>/s, June 16, 1963, gage height, 6.64 ft; minimum daily discharge, 12 ft<sup>3</sup>/s, several days, 1960, 1963.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 241 ft<sup>3</sup>/s, June 6, gage height, 3.41 ft; minimum daily discharge, 16 ft<sup>3</sup>/s, Sept.18, 19.

## 06233000 LITTLE POPO AGIE RIVER NEAR LANDER, WY—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	32	42	---	---	---	---	53	84	144	55	22	25
2	31	38	---	---	---	---	55	84	175	54	21	24
3	31	41	---	---	---	---	47	78	187	52	19	22
4	32	40	---	---	---	---	47	86	202	50	26	20
5	32	---	---	---	---	---	47	93	199	48	46	19
6	34	---	---	---	---	37	45	89	218	47	52	19
7	39	---	---	---	---	28	38	84	174	48	53	19
8	50	---	---	---	---	29	40	85	156	47	54	18
9	49	---	---	---	---	28	41	89	153	47	55	18
10	46	---	---	---	---	29	44	105	152	48	56	18
11	45	---	---	---	---	30	49	122	134	45	58	18
12	46	---	---	---	---	30	58	112	121	43	55	18
13	45	---	---	---	---	31	54	102	116	41	55	17
14	46	---	---	---	---	32	52	110	118	40	54	17
15	47	---	---	---	---	33	51	132	112	39	53	17
16	48	---	---	---	---	36	50	153	105	39	55	17
17	52	---	---	---	---	41	50	165	103	37	52	17
18	49	---	---	---	---	39	47	180	107	34	51	16
19	45	---	---	---	---	34	47	182	106	32	50	16
20	44	---	---	---	---	31	47	167	97	30	49	17
21	43	---	---	---	---	32	49	154	87	31	52	17
22	42	---	---	---	---	33	56	178	82	30	52	17
23	41	---	---	---	---	37	66	183	79	30	50	18
24	41	---	---	---	---	42	77	169	77	29	48	18
25	41	---	---	---	---	43	93	157	77	28	45	20
26	40	---	---	---	---	44	101	146	74	27	41	24
27	37	---	---	---	---	38	109	142	73	26	43	26
28	40	---	---	---	---	40	96	133	67	25	40	24
29	43	---	---	---	---	41	87	119	61	24	35	23
30	40	---	---	---	---	41	84	115	56	22	31	22
31	41	---	---	---	---	47	---	119	---	22	28	---
<b>Total</b>	1,292	---	---	---	---	---	1,780	3,917	3,612	1,170	1,401	581
<b>Mean</b>	41.7	---	---	---	---	---	59.3	126	120	37.7	45.2	19.4
<b>Max</b>	52	---	---	---	---	---	109	183	218	55	58	26
<b>Min</b>	31	---	---	---	---	---	38	78	56	22	19	16
<b>Ac-ft</b>	2,560	---	---	---	---	---	3,530	7,770	7,160	2,320	2,780	1,150

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