

Water-Data Report 2011

13065000 BLACKFOOT RESERVOIR NR HENRY ID

Upper Snake Basin
Blackfoot Subbasin

LOCATION.--Lat 43°00'15", long 111°43'00" referenced to North American Datum of 1983, in SW ¼ NE ¼ sec.12, T.5 S., R.40 E., Caribou County, ID, Hydrologic Unit 17040207.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 27 to Nov. 30 2011 (elevations only), January 1912 to September 1925, January 1929 to September 1989, (no winter records 1949-59). Month end contents only for January 1929 to September 1960, published in WSP 1317, 1737. Prior to October 1950 and October 1960 to September 1961, published as "Blackfoot-March Reservoir near Henry."

GAGE.--Water stage recorder. Datum of the gage is National Geodetic Vertical datum of 1983. Prior to 1990 a non recording gage read occasionally by U.S. Geological Survey employees and at a gage datum of 6,100 ft. above National Geodetic Vertical Datum of 1929 (levels by Indian Field Service).

REMARKS.--Station equipment includes satellite telemetry. Water diverted from reservoir for irrigation of about 50,000 acres near Pocatello and on Fort Hall Indian Reservation. Storage began in spring of 1910.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum contents observed, 353,200 acre-ft June 12, 1984 (elevation, 6,120.75 ft); minimum observed , 610 acre-ft Sept. 12-15, 19, 21, 22 1934; minimum elevation observed 6,088.59 ft Sept. 22, 1934.

EXTREMES FOR CURRENT YEAR.--Maximum recorded midnight elevation 6,124.08 ft, June 22; maximum recorded elevation 6,124.29 ft, June 29 (wind affected); minimum 6,119.22 ft Sept 28-30, but may have been less during the period Oct. 1 to May 26, before gage installation.

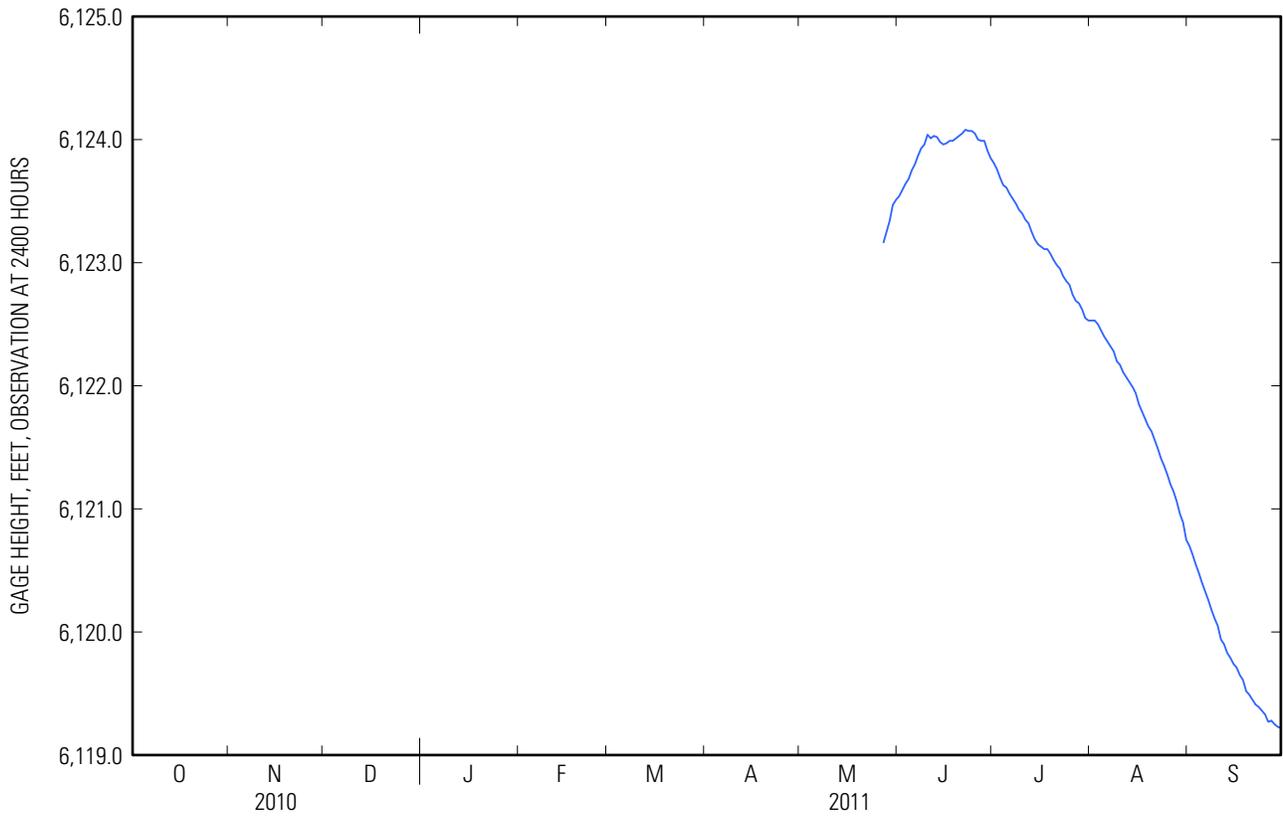
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GAGE HEIGHT, FEET
 WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
 DAILY OBSERVATION AT 2400 HOURS

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	6,123.54	6,123.81	6,122.53	6,120.70
2	---	---	---	---	---	---	---	---	6,123.59	6,123.76	6,122.53	6,120.63
3	---	---	---	---	---	---	---	---	6,123.64	6,123.69	6,122.50	6,120.55
4	---	---	---	---	---	---	---	---	6,123.68	6,123.63	6,122.45	6,120.48
5	---	---	---	---	---	---	---	---	6,123.75	6,123.61	6,122.40	6,120.40
6	---	---	---	---	---	---	---	---	6,123.80	6,123.56	6,122.36	6,120.33
7	---	---	---	---	---	---	---	---	6,123.87	6,123.52	6,122.32	6,120.26
8	---	---	---	---	---	---	---	---	6,123.93	6,123.48	6,122.28	6,120.18
9	---	---	---	---	---	---	---	---	6,123.96	6,123.43	6,122.20	6,120.11
10	---	---	---	---	---	---	---	---	6,124.04	6,123.40	6,122.17	6,120.05
11	---	---	---	---	---	---	---	---	6,124.01	6,123.35	6,122.11	6,119.94
12	---	---	---	---	---	---	---	---	6,124.03	6,123.32	6,122.07	6,119.90
13	---	---	---	---	---	---	---	---	6,124.02	6,123.25	6,122.03	6,119.83
14	---	---	---	---	---	---	---	---	6,123.98	6,123.19	6,121.99	6,119.79
15	---	---	---	---	---	---	---	---	6,123.96	6,123.15	6,121.94	6,119.74
16	---	---	---	---	---	---	---	---	6,123.97	6,123.13	6,121.85	6,119.71
17	---	---	---	---	---	---	---	---	6,123.99	6,123.11	6,121.79	6,119.65
18	---	---	---	---	---	---	---	---	6,123.99	6,123.11	6,121.73	6,119.61
19	---	---	---	---	---	---	---	---	6,124.01	6,123.07	6,121.67	6,119.52
20	---	---	---	---	---	---	---	---	6,124.03	6,123.02	6,121.63	6,119.49
21	---	---	---	---	---	---	---	---	6,124.05	6,122.98	6,121.56	6,119.45
22	---	---	---	---	---	---	---	---	6,124.08	6,122.95	6,121.49	6,119.41
23	---	---	---	---	---	---	---	---	6,124.07	6,122.89	6,121.41	6,119.39
24	---	---	---	---	---	---	---	---	6,124.07	6,122.85	6,121.35	6,119.36
25	---	---	---	---	---	---	---	---	6,124.05	6,122.82	6,121.28	6,119.33
26	---	---	---	---	---	---	---	---	6,124.00	6,122.74	6,121.20	6,119.27
27	---	---	---	---	---	---	---	6,123.16	6,123.99	6,122.69	6,121.14	6,119.28
28	---	---	---	---	---	---	---	6,123.25	6,123.99	6,122.67	6,121.06	6,119.25
29	---	---	---	---	---	---	---	6,123.34	6,123.91	6,122.62	6,120.96	6,119.23
30	---	---	---	---	---	---	---	6,123.47	6,123.85	6,122.55	6,120.89	6,119.22
31	---	---	---	---	---	---	---	6,123.51	---	6,122.53	6,120.75	---
Mean	---	---	---	---	---	---	---	---	6,123.93	6,123.16	6,121.80	6,119.80
Max	---	---	---	---	---	---	---	---	6,124.08	6,123.81	6,122.53	6,120.70
Min	---	---	---	---	---	---	---	---	6,123.54	6,122.53	6,120.75	6,119.22

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY OBSERVATION AT 2400 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6,119.22	6,119.68	---	---	---	---	---	---	---	---	---	---
2	6,119.22	6,119.69	---	---	---	---	---	---	---	---	---	---
3	6,119.25	6,119.70	---	---	---	---	---	---	---	---	---	---
4	6,119.26	6,119.70	---	---	---	---	---	---	---	---	---	---
5	6,119.28	6,119.73	---	---	---	---	---	---	---	---	---	---
6	6,119.31	6,119.70	---	---	---	---	---	---	---	---	---	---
7	6,119.32	6,119.72	---	---	---	---	---	---	---	---	---	---
8	6,119.34	6,119.73	---	---	---	---	---	---	---	---	---	---
9	6,119.35	6,119.76	---	---	---	---	---	---	---	---	---	---
10	6,119.38	6,119.78	---	---	---	---	---	---	---	---	---	---
11	6,119.41	6,119.84	---	---	---	---	---	---	---	---	---	---
12	6,119.42	6,119.88	---	---	---	---	---	---	---	---	---	---
13	6,119.45	6,119.93	---	---	---	---	---	---	---	---	---	---
14	6,119.47	6,119.94	---	---	---	---	---	---	---	---	---	---
15	6,119.48	6,119.97	---	---	---	---	---	---	---	---	---	---
16	6,119.51	6,119.99	---	---	---	---	---	---	---	---	---	---
17	6,119.54	6,120.01	---	---	---	---	---	---	---	---	---	---
18	6,119.56	6,120.06	---	---	---	---	---	---	---	---	---	---
19	6,119.58	6,120.10	---	---	---	---	---	---	---	---	---	---
20	6,119.59	6,120.12	---	---	---	---	---	---	---	---	---	---
21	6,119.60	6,120.14	---	---	---	---	---	---	---	---	---	---
22	6,119.62	6,120.19	---	---	---	---	---	---	---	---	---	---
23	6,119.62	6,120.21	---	---	---	---	---	---	---	---	---	---
24	6,119.62	6,120.25	---	---	---	---	---	---	---	---	---	---
25	6,119.62	6,120.28	---	---	---	---	---	---	---	---	---	---
26	6,119.63	6,120.30	---	---	---	---	---	---	---	---	---	---
27	6,119.66	6,120.32	---	---	---	---	---	---	---	---	---	---
28	6,119.66	6,120.34	---	---	---	---	---	---	---	---	---	---
29	6,119.66	6,120.37	---	---	---	---	---	---	---	---	---	---
30	6,119.67	6,120.39	---	---	---	---	---	---	---	---	---	---
31	6,119.68	---	---	---	---	---	---	---	---	---	---	---
Mean	6,119.48	6,119.99	---	---	---	---	---	---	---	---	---	---
Max	6,119.68	6,120.39	---	---	---	---	---	---	---	---	---	---
Min	6,119.22	6,119.68	---	---	---	---	---	---	---	---	---	---

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