

Water-Data Report 2013

**13057500 GRAYS LAKE OUTLET NEAR HERMAN, ID**

Upper Snake Basin  
Willow Subbasin

LOCATION.--Lat 43°08'05", long 111°29'42" referenced to North American Datum of 1983, in NW ¼ NE ¼ NE ¼ sec.26, T.3 S., R.42 E., Bonneville County, ID, Hydrologic Unit 17040205, Herman quad., on right bank 200 ft upstream from road crossing, 3.5 mi west of Herman, and 8 mi upstream from Brockman Creek.

DRAINAGE AREA.--137 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--1916-25 (irrigation seasons only), June 1966 to October 1970, (seasonal) May 2002 to Apr. 2013 (discontinued).

REVISED RECORDS.--WDR ID-69-1: 1967. WDR ID-2006: 2004(M).

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 6,384 ft, from topographic map. Prior to Oct. 18, 1917, non-recording gage, and Oct. 18, 1917 to Sept. 30, 1925, water-stage recorder at site 2 mi downstream, at different datum.

REMARKS.--Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge observed, 1,350 ft<sup>3</sup>/s May 15, 1917, gage height, 5.9 ft (site and datum then in use); no flow Apr. 25, 1917.

EXTREMES FOR CURRENT YEAR.--Maximum recorded discharge, 2.3 ft<sup>3</sup>/s, April 4, gage height 2.14 ft; minimum recorded discharge, 0.24 ft<sup>3</sup>/s, Apr. 1, gage height 1.66 ft; extremes may have been higher or less during period of no gage height record Oct.1 to Mar. 31.

## 13057500 GRAYS LAKE OUTLET NEAR HERMAN, ID—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	---	---	---	---	---	---	0.29	---	---	---	---	---
2	---	---	---	---	---	---	0.57	---	---	---	---	---
3	---	---	---	---	---	---	0.75	---	---	---	---	---
4	---	---	---	---	---	---	0.89	---	---	---	---	---
5	---	---	---	---	---	---	0.97	---	---	---	---	---
6	---	---	---	---	---	---	0.62	---	---	---	---	---
7	---	---	---	---	---	---	0.43	---	---	---	---	---
8	---	---	---	---	---	---	0.42	---	---	---	---	---
9	---	---	---	---	---	---	0.38	---	---	---	---	---
10	---	---	---	---	---	---	0.36	---	---	---	---	---
11	---	---	---	---	---	---	0.38	---	---	---	---	---
12	---	---	---	---	---	---	0.39	---	---	---	---	---
13	---	---	---	---	---	---	0.41	---	---	---	---	---
14	---	---	---	---	---	---	0.40	---	---	---	---	---
15	---	---	---	---	---	---	0.40	---	---	---	---	---
16	---	---	---	---	---	---	0.42	---	---	---	---	---
17	---	---	---	---	---	---	0.42	---	---	---	---	---
18	---	---	---	---	---	---	0.41	---	---	---	---	---
19	---	---	---	---	---	---	0.43	---	---	---	---	---
20	---	---	---	---	---	---	0.49	---	---	---	---	---
21	---	---	---	---	---	---	0.47	---	---	---	---	---
22	---	---	---	---	---	---	0.46	---	---	---	---	---
23	---	---	---	---	---	---	0.44	---	---	---	---	---
24	---	---	---	---	---	---	0.44	---	---	---	---	---
25	---	---	---	---	---	---	0.44	---	---	---	---	---
26	---	---	---	---	---	---	0.44	---	---	---	---	---
27	---	---	---	---	---	---	0.45	---	---	---	---	---
28	---	---	---	---	---	---	0.47	---	---	---	---	---
29	---	---	---	---	---	---	0.45	---	---	---	---	---
30	---	---	---	---	---	---	0.44	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
<b>Total</b>	---	---	---	---	---	---	14.33	---	---	---	---	---
<b>Mean</b>	---	---	---	---	---	---	0.48	---	---	---	---	---
<b>Max</b>	---	---	---	---	---	---	0.97	---	---	---	---	---
<b>Min</b>	---	---	---	---	---	---	0.29	---	---	---	---	---
<b>Ac-ft</b>	---	---	---	---	---	---	28	---	---	---	---	---

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