

Water-Data Report 2009

13118700 LITTLE LOST RIVER BELOW WET CREEK, NEAR HOWE, ID

Upper Snake Basin
Little Lost Subbasin

LOCATION.--Lat 44°08'19", long 113°14'43" referenced to North American Datum of 1983, in NW ¼ SE ¼ sec.4, T.9 N., R.27 E., Butte County, ID, Hydrologic Unit 17040217, Bell Mountain quad., U.S. Bureau of Land Management lands, on right bank at Clyde School, 0.25 mi downstream from Wet Creek, and 27 mi northwest of Howe.

DRAINAGE AREA.--440 mi², approximately.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--January 1958 to current year.

REVISED RECORDS.--WDR ID-91-1: 1991 (m).

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 5,880 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges which are fair. Diversions above station for irrigation of about 3,800 acres, of which about 2,000 acres are irrigated by withdrawals from ground water (1966 determination).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 509 ft³/s June 16, 1975, gage height, 3.19 ft, but may have been greater during period of doubtful gage-height record in 1958; maximum gage height recorded, 5.99 ft, Feb. 8, 1979, backwater from ice; minimum recorded, 2.8 ft³/s Dec. 13, 1962.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 331 ft³/s June 21, gage height, 3.08 ft; minimum daily discharge, 8 ft³/s Jan. 27.

13118700 LITTLE LOST RIVER BELOW WET CREEK, NEAR HOWE, ID—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	29	35	32	e16	e14	e23	27	53	254	189	68	64
2	29	40	35	e18	e15	e20	28	55	266	163	65	61
3	29	39	35	e14	e17	25	26	58	267	170	66	57
4	33	37	32	e10	e18	25	26	57	280	177	67	58
5	33	38	e30	e10	e20	25	24	57	283	175	65	56
6	30	33	e28	e12	e21	25	26	60	252	168	65	51
7	30	38	24	e14	e19	e25	27	62	233	159	70	48
8	32	38	24	e14	e21	e24	27	62	228	152	66	52
9	33	37	e24	e14	e21	e22	e29	61	244	143	71	60
10	34	37	26	e14	e19	e22	e31	61	231	133	67	59
11	35	37	e24	e14	e18	e23	e31	65	238	128	63	53
12	33	38	e24	e14	e17	e23	e33	71	229	125	63	50
13	34	e36	21	e14	e18	e23	e35	72	228	119	61	51
14	37	e34	e18	e14	e19	e23	34	75	228	119	61	57
15	37	26	e14	e14	e19	25	32	76	230	112	62	65
16	38	27	e18	e14	e20	25	31	80	238	107	62	65
17	39	36	e16	e16	e23	24	31	90	238	102	63	72
18	38	39	e14	e16	e22	24	33	129	237	101	61	65
19	36	37	e16	e16	e22	24	33	194	228	99	59	61
20	36	38	e12	e16	e22	26	41	223	242	87	57	62
21	36	37	e14	e16	e22	31	50	216	296	89	55	56
22	35	33	e16	e14	e23	34	67	213	282	85	55	68
23	37	31	e14	e14	e24	28	87	222	296	83	58	60
24	38	31	e14	e14	e23	28	77	251	276	86	60	61
25	38	42	e16	e14	e24	e27	67	260	257	87	61	62
26	37	35	e14	e12	e24	e25	67	251	241	94	61	61
27	37	23	e14	e8.0	e24	e25	60	242	236	85	58	61
28	38	22	e16	e10	e23	e28	62	243	220	77	56	63
29	37	23	e20	e12	---	e28	61	263	204	74	58	62
30	36	27	e18	e12	---	27	59	268	196	72	61	71
31	36	---	e16	e14	---	27	---	242	---	70	63	---
Total	1,080	1,024	639	424.0	572	784	1,262	4,332	7,378	3,630	1,928	1,792
Mean	34.8	34.1	20.6	13.7	20.4	25.3	42.1	140	246	117	62.2	59.7
Max	39	42	35	18	24	34	87	268	296	189	71	72
Min	29	22	12	8.0	14	20	24	53	196	70	55	48
Ac-ft	2,140	2,030	1,270	841	1,130	1,560	2,500	8,590	14,630	7,200	3,820	3,550

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 2009, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	52.7	37.2	20.9	20.7	23.6	33.1	58.0	142	185	91.1	55.8	52.5
Max	101	70.0	47.2	52.7	45.3	58.2	162	261	365	208	141	128
(WY)	(1985)	(1985)	(1985)	(1985)	(1985)	(1986)	(1969)	(1969)	(1995)	(1975)	(1984)	(1984)
Min	16.1	11.3	8.00	3.50	9.00	10.7	18.6	53.3	51.8	28.9	17.2	17.7
(WY)	(2004)	(2004)	(1964)	(1964)	(1964)	(2004)	(2002)	(1961)	(1992)	(2003)	(2003)	(2003)

13118700 LITTLE LOST RIVER BELOW WET CREEK, NEAR HOWE, ID—Continued

SUMMARY STATISTICS

	Calendar Year 2008		Water Year 2009		Water Years 1958 - 2009	
Annual total	18,524.0		24,845.0			
Annual mean	50.6		68.1		64.1	
Highest annual mean					115	1984
Lowest annual mean					27.4	2004
Highest daily mean	288	May 21	296	Jun 21	486	Jun 16, 1975
Lowest daily mean	6.0	Jan 22	8.0	Jan 27	3.0	Jan 5, 2004
Annual seven-day minimum	7.9	Jan 20	12	Jan 24	3.5	Jan 1, 1964
Annual runoff (ac-ft)	36,740		49,280		46,470	
10 percent exceeds	148		222		141	
50 percent exceeds	32		37		43	
90 percent exceeds	12		16		17	

