



Water-Data Report 2009

**13329770 WALLOWA RIVER ABOVE CROSS COUNTRY CANAL, NEAR ENTERPRISE, OR**

Lower Snake Basin  
Wallowa Subbasin

LOCATION.--Lat 45°29'18", long 117°24'10" referenced to North American Datum of 1927, in SW ¼ SE ¼ sec.11, T.1 S., R.43 E., Wallowa County, OR, Hydrologic Unit 17060105, on left bank, 300 ft upstream from Cross Country canal, 6 mi northwest of Enterprise and at mile 32.5.

DRAINAGE AREA.--272 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--April 1995 to June 2009 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 3,330 ft above NGVD of 1929, from topographic map.

COOPERATION.--Data is collected and final records are provided by the State of Oregon Water Resources Department (OWRD). Discharge measurements and records were reviewed by U.S. Geological Survey.

REMARKS.--Records fair except those for May 19 to June 24 and estimated daily discharges, which are poor. Regulation by Wallowa Lake. Many diversions for irrigation upstream from station.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--13 years (water years 1996-2008), 245 ft<sup>3</sup>/s, 177,300 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,590 ft<sup>3</sup>/s July 9, 1997, gage height, 4.17 ft; maximum gage height, 4.27 ft May 16, 1997; minimum discharge, 92 ft<sup>3</sup>/s Sept. 5, 2001.

EXTREMES FOR PERIOD OCTOBER 2008 TO JUNE 2009.--Peak discharges greater than base discharge of 800 ft<sup>3</sup>/s and (or) maximum (\*):

<b>Date</b>	<b>Time</b>	<b>Discharge (ft<sup>3</sup>/s)</b>	<b>Gage height (ft)</b>
Jun 6	0845	*1,490	*4.11
<u>No other peak greater than base discharge.</u>			

Minimum discharge recorded, 141 ft<sup>3</sup>/s, Feb. 3, but may have been less during period of ice effect Dec. 15-17, Jan. 27.

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**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	190	190	189	199	149	160	197	226	561	---	---	---
2	187	223	191	248	150	170	203	224	517	---	---	---
3	183	215	192	203	149	204	203	246	483	---	---	---
4	184	199	187	185	151	186	192	242	513	---	---	---
5	190	196	180	176	150	180	188	248	730	---	---	---
6	189	195	182	177	152	175	191	270	1,240	---	---	---
7	186	196	183	235	157	171	205	286	1,050	---	---	---
8	186	199	190	255	154	176	213	266	949	---	---	---
9	193	219	184	220	155	170	222	252	976	---	---	---
10	196	211	184	203	153	168	219	248	907	---	---	---
11	199	207	183	199	152	164	249	252	743	---	---	---
12	199	230	182	205	150	163	222	270	650	---	---	---
13	196	299	181	202	150	163	224	261	675	---	---	---
14	200	238	178	196	152	167	219	257	698	---	---	---
15	201	221	e155	190	152	169	217	261	739	---	---	---
16	197	214	e150	184	151	182	200	252	746	---	---	---
17	194	208	e150	181	152	177	190	259	733	---	---	---
18	194	202	163	178	153	180	185	357	692	---	---	---
19	192	200	167	174	152	182	182	481	705	---	---	---
20	190	195	167	171	152	186	185	442	700	---	---	---
21	193	193	169	167	153	199	207	406	720	---	---	---
22	193	192	170	168	153	222	236	413	675	---	---	---
23	192	185	170	165	157	204	232	456	648	---	---	---
24	190	184	171	165	176	194	221	471	597	---	---	---
25	190	185	173	167	171	192	214	483	---	---	---	---
26	188	188	170	161	168	187	222	451	---	---	---	---
27	189	182	170	e155	157	181	224	425	---	---	---	---
28	187	184	186	157	158	195	228	428	---	---	---	---
29	183	190	208	158	---	242	228	459	---	---	---	---
30	181	190	191	156	---	210	235	559	---	---	---	---
31	182	---	181	151	---	208	---	575	---	---	---	---
<b>Total</b>	5,914	6,130	5,497	5,751	4,329	5,727	6,353	10,726	---	---	---	---
<b>Mean</b>	191	204	177	186	155	185	212	346	---	---	---	---
<b>Max</b>	201	299	208	255	176	242	249	575	---	---	---	---
<b>Min</b>	181	182	150	151	149	160	182	224	---	---	---	---
<b>Ac-ft</b>	11,730	12,160	10,900	11,410	8,590	11,360	12,600	21,280	---	---	---	---

Calendar Year 2008	
<b>Total</b>	91,129
<b>Mean</b>	249
<b>Max</b>	1,270
<b>Min</b>	115
<b>Ac-ft</b>	180,800

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