12089208 CENTRALIA POWER CANAL NEAR MCKENNA, WA

Puget Sound Basin
Nisqually Subbasin

LOCATION.--Lat 46°54′01″, long 122°29′50″ referenced to North American Datum of 1927, in NE ¼ SW ¼ sec.1, T.16 N., R.2 E., Thurston County, WA, Hydrologic Unit 17110015, on left bank 1,000 ft downstream from headworks at dam, and 3.7 mi southeast of McKenna.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--March 1979 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 330 ft above NGVD of 1929, from topographic map. Prior to Oct. 20, 1999, at site 500 ft upstream at datum 10.00 ft lower.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by headworks 1,000 ft upstream from station. U.S. Geological Survey satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 900 ft^3/s, Nov. 11, 1990, gage height, 7.72 ft at datum then in use; minimum discharge, no flow on many days some years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 728 ft^3/s, Mar. 5, June 23, gage height, 15.78 ft; minimum discharge, 92 ft^3/s, Aug. 26, gage height 10.09 ft.

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 12089208, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/12089208.2011.pdf

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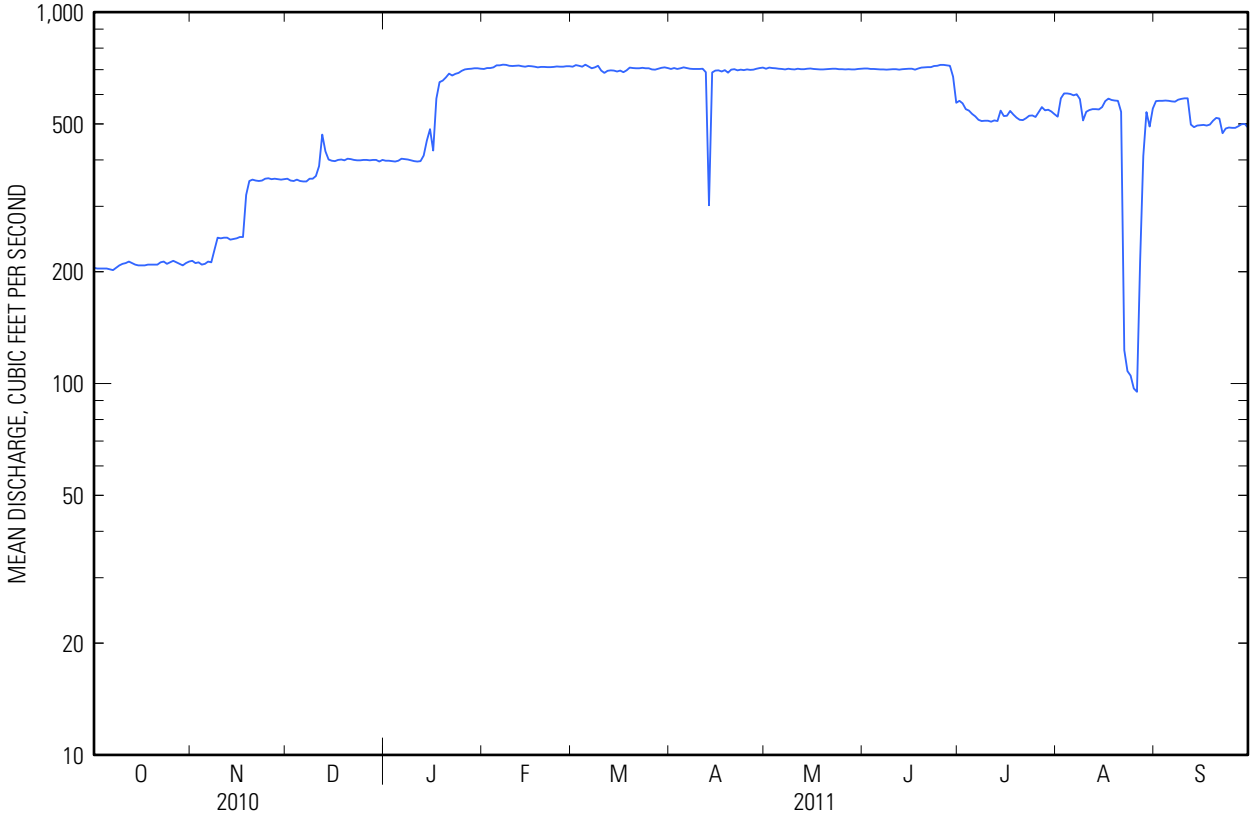
DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	205	214	356	398	703	713	703	704	705	577	523	576
2	204	211	352	398	707	720	707	709	705	568	586	577
3	204	212	351	397	707	717	703	707	703	548	604	577
4	204	209	354	396	710	713	706	706	703	543	604	578
5	204	210	351	398	719	722	710	704	702	532	602	577
6	203	213	350	403	719	714	707	703	701	524	597	575
7	202	212	350	402	722	706	704	701	701	513	601	574
8	205	229	356	401	721	710	703	704	700	509	583	581
9	208	247	356	399	717	717	703	702	701	510	511	584
10	210	246	362	397	716	696	703	701	702	510	539	586
11	211	247	385	396	717	686	704	704	702	507	545	586
12	213	247	468	397	718	695	689	702	700	511	548	498
13	211	244	422	411	715	697	302	702	702	509	548	490
14	209	245	401	451	713	696	688	704	703	543	547	495
15	208	246	398	484	716	692	696	705	704	525	555	496
16	208	248	397	424	715	696	697	703	704	526	576	497
17	208	248	400	585	713	689	692	702	700	542	585	495
18	209	322	401	648	710	697	698	701	705	530	580	498
19	209	351	399	654	712	709	687	701	709	520	578	510
20	209	354	403	667	712	707	700	702	710	513	577	519
21	209	352	402	683	711	706	702	703	711	512	539	517
22	212	351	400	675	711	706	697	704	711	518	123	472
23	213	352	399	682	712	708	700	704	716	526	108	486
24	210	356	399	686	714	706	698	702	717	527	105	489
25	212	357	400	695	713	706	701	702	721	522	97	488
26	214	355	400	701	713	701	699	701	721	538	95	488
27	212	356	399	703	715	700	700	702	719	555	214	493
28	210	355	400	704	715	704	704	701	717	544	410	499
29	208	354	400	706	---	708	707	701	670	546	538	500
30	211	355	396	706	---	710	709	703	570	540	492	489
31	213	---	400	704	---	707	---	704	---	531	550	---
Total	6,468	8,498	12,007	16,751	19,986	21,854	20,619	21,794	21,035	16,419	14,660	15,790
Mean	209	283	387	540	714	705	687	703	701	530	473	526
Max	214	357	468	706	722	722	710	709	721	577	604	586
Min	202	209	350	396	703	686	302	701	570	507	95	472
Ac-ft	12,830	16,860	23,820	33,230	39,640	43,350	40,900	43,230	41,720	32,570	29,080	31,320

	Calendar Year 2010	Water Year 2011
Total	161,043	195,881
Mean	441	537
Max	757	722
Min	32	95
Ac-ft	319,400	388,500

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