

Water-Data Report 2006

**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.--Records good, except for estimated daily discharges, which are fair. 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<sup>3</sup>/s, Nov. 11, 1990, gage height, 7.72 ft at datum then in use; minimum discharge, no flow on many days most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 793 ft<sup>3</sup>/s, Feb. 28, Mar. 8, 20, 22, 24, 25, 29, Apr. 3-5, 9, gage height, 16.18 ft; minimum daily discharge, 24 ft<sup>3</sup>/s, Aug. 2-8.

## 12089208 CENTRALIA POWER CANAL NEAR MCKENNA, WA—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**  
**DAILY MEAN VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	467	506	530	709	718	785	785	674	514	503	e205	527
2	495	505	552	709	719	786	779	643	516	502	e24	520
3	506	508	600	712	727	782	779	626	514	501	e24	520
4	506	510	637	712	723	781	780	623	511	501	e24	523
5	458	499	662	710	713	779	779	626	508	502	e24	525
6	442	481	688	711	721	782	784	625	506	504	e24	527
7	429	512	699	710	721	788	784	629	507	503	e24	466
8	435	508	704	712	722	786	785	632	506	502	e24	433
9	431	508	706	717	725	784	782	621	454	502	e110	434
10	420	509	707	567	722	781	748	609	503	502	400	434
11	377	511	712	647	721	783	724	610	503	502	495	427
12	364	513	718	663	720	784	726	614	504	502	547	410
13	380	517	719	681	723	783	726	614	504	503	549	417
14	463	515	723	693	741	779	730	612	503	502	550	359
15	466	521	702	693	766	787	730	605	504	503	546	400
16	475	514	657	701	774	785	726	610	503	500	543	431
17	466	516	648	712	779	783	725	668	504	499	537	432
18	492	516	634	713	780	782	727	742	504	501	527	432
19	497	518	638	709	777	777	738	764	505	525	526	440
20	501	518	673	716	771	780	766	768	507	554	524	448
21	498	519	700	721	753	779	772	769	508	562	524	472
22	498	519	712	717	778	782	763	775	507	562	527	488
23	503	517	671	717	786	773	737	778	505	563	526	431
24	496	516	711	718	783	779	725	779	503	567	527	427
25	462	520	709	720	784	778	712	780	501	568	524	427
26	478	517	712	719	783	783	697	780	497	571	522	430
27	459	513	713	720	784	779	670	781	499	574	524	430
28	466	517	710	727	786	776	658	781	501	574	523	430
29	487	519	710	720	---	782	669	777	503	573	525	429
30	497	524	712	712	---	785	676	651	504	574	528	345
31	501	---	713	721	---	785	---	514	---	575	525	---
<b>Total</b>	14,415	15,386	21,082	21,809	21,000	24,238	22,182	21,080	15,108	16,376	12,002	13,414
<b>Mean</b>	465	513	680	704	750	782	739	680	504	528	387	447
<b>Max</b>	506	524	723	727	786	788	785	781	516	575	550	527
<b>Min</b>	364	481	530	567	713	773	658	514	454	499	24	345
<b>Ac-ft</b>	28,590	30,520	41,820	43,260	41,650	48,080	44,000	41,810	29,970	32,480	23,810	26,610

	Calendar Year 2005	Water Year 2006
<b>Total</b>	202,148	218,092
<b>Mean</b>	554	598
<b>Max</b>	766	788
<b>Min</b>	14	24
<b>Ac-ft</b>	401,000	432,600

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