

NISQUALLY RIVER BASIN

12089208 CENTRALIA POWER CANAL NEAR MCKENNA, WA

LOCATION.--Lat 46°54'01", long 122°29'50", in NE 1/4 SW 1/4 sec.1, T.16 N., R.2 E., Thurston County, Hydrologic Unit 17110015, on left bank 1,000 ft downstream from headworks at dam, and 3.7 mi southeast of McKenna.

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

GAGE.--Water-stage recorder. 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 ft³/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, 828 ft³/s July 4, gage height, 16.26 ft; Maximum gage height 16.46 Jan. 8; minimum discharge, 46 ft³/s Nov. 18, 19.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	403	720	770	771	760	756	744	744	748	743	682	563
2	396	685	769	770	760	753	739	747	750	745	682	565
3	391	620	769	770	762	750	747	750	749	748	684	577
4	391	579	771	770	760	754	740	749	744	783	684	588
5	388	615	771	770	756	752	742	747	740	724	687	583
6	388	614	770	769	759	754	740	746	733	696	704	583
7	387	554	771	769	755	755	734	748	727	699	686	586
8	392	530	772	743	748	757	731	752	724	769	675	584
9	399	510	772	766	748	752	748	755	724	760	680	590
10	415	501	771	677	747	749	752	757	744	732	687	586
11	435	494	772	745	751	743	753	752	742	719	693	582
12	437	209	768	762	754	746	758	739	736	708	694	580
13	469	51	770	763	753	755	755	744	744	690	698	590
14	514	50	765	758	751	753	756	754	750	748	696	612
15	529	49	591	760	756	748	754	751	752	731	691	608
16	460	48	717	760	756	756	752	746	750	688	673	297
17	457	48	377	751	754	756	752	744	748	654	652	106
18	458	47	707	752	746	752	746	741	748	650	655	97
19	450	47	769	759	748	741	746	723	743	650	654	221
20	436	48	767	755	754	744	740	732	748	655	648	440
21	437	48	770	760	748	750	742	740	753	651	637	378
22	457	48	770	757	744	743	747	737	698	637	640	372
23	577	232	770	757	751	742	741	732	654	642	648	408
24	554	710	773	752	747	745	744	730	648	745	581	432
25	562	766	769	743	746	738	742	739	652	728	570	402
26	551	769	767	757	754	746	755	737	648	702	570	386
27	536	770	771	747	754	751	754	736	683	681	571	381
28	559	772	768	756	755	747	752	739	738	678	575	381
29	510	770	770	759	---	746	749	739	739	679	574	381
30	503	771	770	759	---	742	752	751	740	671	569	380
31	607	---	770	761	---	741	---	749	---	662	565	---
TOTAL	14448	12675	23177	23448	21077	23217	22407	23050	21797	21768	20105	13839
MEAN	466.1	422.5	747.6	756.4	752.8	748.9	746.9	743.5	726.6	702.2	648.5	461.3
MAX	607	772	773	771	762	757	758	757	753	783	704	612
MIN	387	47	377	677	744	738	731	723	648	637	565	97
AC-FT	28660	25140	45970	46510	41810	46050	44440	45720	43230	43180	39880	27450

CAL YR 2001 TOTAL 179172 MEAN 490.9 MAX 773 MIN 47 AC-FT 355400
WTR YR 2002 TOTAL 241008 MEAN 660.3 MAX 783 MIN 47 AC-FT 478000