

CHEHALIS RIVER BASIN

12036000 WYNOOCHEE RIVER ABOVE SAVE CREEK, NEAR ABERDEEN, WA

LOCATION.--Lat 47°17'57", long 123°39'07", in NE 1/4 NE 1/4 sec.23, T.21 N., R.8 W., Grays Harbor County, Hydrologic Unit 17100104, on right bank 0.8 mi upstream from Save Creek, 2.5 mi downstream from Oxbow Dam Site, 11.0 mi downstream from Wynoochee Dam, 23.5 mi northeast of city hall in Aberdeen, and at mile 40.6.

DRAINAGE AREA.--74.1 mi².

PERIOD OF RECORD.--May 1925 to current year. Published as "at Oxbow, near Aberdeen" 1925-52, where drainage area was 70.7 mi². Records published for both sites October 1951 to October 1952.

REVISED RECORDS.--WSP 1346: 1952. WSP 1736: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 401 ft above NGVD of 1929 (stadia traverse). Prior to Nov. 7, 1925, nonrecording gage at site 2.3 mi upstream at different datum. Nov. 7, 1925, to Sept. 3, 1947, water-stage recorder at site 1.5 mi upstream at datum 444.0 ft above NGVD of 1929 (levels by City of Aberdeen). Sept. 4, 1947, to Oct. 13, 1952, water-stage recorder at site 2.5 mi upstream at datum about 91 ft higher. Oct. 5, 1951, to Sept. 30, 1976, water-stage recorder on left bank at same site and datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. Since August 1972, flow regulated by Wynoochee Lake (station 12035380) for flood control, during summer months to augment the natural river flow, and for the water supply for the City of Aberdeen. Some regulation from August 1969 to September 1972 due to dam construction. No diversions upstream from station. Tacoma Public Utilities satellite telemeter at station.

AVERAGE DISCHARGE.--77 years (water years 1926-2002), 835 ft³/s, 153.03 in/yr, 605,000 acre-ft/yr, adjusted for storage in Wynoochee Lake since October 1972.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 23,600 ft³/s Dec. 9, 1956, gage height, 16.95 ft, from rating curve extended above 9,000 ft³/s; minimum discharge, 57 ft³/s Sept. 3-5, 1972, gage height, 4.43 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,720 ft³/s Dec. 17, gage height, 9.92 ft; minimum discharge, 219 ft³/s Sept. 09.

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	321	1420	3160	792	922	1790	494	500	e620	493	369	239
2	316	1420	2610	1070	887	977	489	494	e540	426	391	242
3	315	1270	2110	1760	1090	909	491	485	e500	411	393	239
4	315	789	1980	1840	993	887	487	479	e487	403	386	239
5	315	716	1890	1840	964	871	489	494	e630	393	378	239
6	315	679	1820	2550	1900	857	493	486	e620	385	375	239
7	315	651	1540	4090	2110	845	498	475	e605	380	372	239
8	316	629	1630	5930	1620	832	477	466	e610	375	371	252
9	313	610	1220	5690	1220	679	556	483	e530	369	371	244
10	346	593	1050	5190	1130	791	724	499	e470	365	370	248
11	348	585	981	3470	1070	2290	817	495	e430	363	369	266
12	418	621	1080	2180	1000	2090	1040	491	e400	359	374	265
13	416	1210	3080	2060	938	1600	1600	495	e385	357	395	263
14	418	3170	3170	1960	895	1060	2190	523	e378	355	404	261
15	384	3030	2510	1900	868	943	1940	648	e375	352	404	261
16	368	2260	4590	1850	864	884	1580	647	e370	358	400	315
17	354	1940	5300	1810	851	826	1200	645	e430	367	379	281
18	349	1830	5630	1780	856	796	908	510	e540	381	343	270
19	366	2060	2270	1510	1090	795	813	491	e580	380	328	267
20	354	2630	2290	1400	989	919	747	491	e520	375	305	263
21	388	3320	2190	1390	2920	882	693	485	e440	382	297	261
22	649	3620	1860	1180	4180	855	652	480	e400	394	292	260
23	974	2570	1810	731	2880	831	618	476	e380	398	278	256
24	893	2040	1750	2380	3440	807	589	472	e370	410	267	256
25	1630	1920	1710	3090	3370	772	569	472	e362	417	260	256
26	1370	1850	1670	1950	2000	761	562	471	359	417	256	256
27	1440	1810	1360	1090	1930	752	548	474	361	415	253	254
28	1340	1890	935	946	1870	599	529	701	522	411	245	251
29	1270	2200	749	873	---	558	519	1880	1710	411	244	250
30	1250	2110	711	891	---	529	508	e850	759	409	239	251
31	1500	---	740	1020	---	510	---	e780	---	406	239	---
TOTAL	19666	51443	65396	66213	44847	29497	23820	17838	15683	12117	10347	7683
MEAN	634	1715	2110	2136	1602	952	794	575	523	391	334	256
MAX	1630	3620	5630	5930	4180	2290	2190	1880	1710	493	404	315
MIN	313	585	711	731	851	510	477	466	359	352	239	239
AC-FT	39010	102000	129700	131300	88950	58510	47250	35380	31110	24030	20520	15240
MEAN†	582	1713	2052	2187	1703	948	1196	573	521	271	148	121
CFSM†	7.85	23.12	27.69	29.51	22.98	12.79	16.14	7.73	7.03	3.66	2.00	1.63
IN.†	9.06	25.78	31.93	34.03	23.93	14.76	18.00	8.92	7.85	4.22	2.31	1.82
AC-FT†	35820	101900	126200	134500	94560	58330	71120	35270	31020	16690	9130	7210

CAL YR 2001 TOTAL 281810 MEAN 772 MAX 5630 MIN 313 AC-FT 559000 MEAN† 770 CFSM† 10.39 IN.† 141.02 AC-FT† 557300
WTR YR 2002 TOTAL 364550 MEAN 999 MAX 5930 MIN 239 AC-FT 723100 MEAN† 997 CFSM† 13.45 IN.† 182.67 AC-FT† 721900

† Adjusted for change in contents in Wynoochee Lake.
e Estimated