

CHEHALIS RIVER BASIN

12035400 WYNOOCHEE RIVER NEAR GRIDDALE, WA

LOCATION.--Lat 47°22'50", long 123°36'31", in NW 1/4 SW 1/4 sec.20, T.22 N., R.7 W., Grays Harbor County, Hydrologic Unit 17100104, Olympic National Forest, on right bank 0.5 mi downstream from Wynoochee Dam, 1.7 mi north of Grisdale, 1.7 mi downstream from Scatter Creek, and at mile 51.3.

DRAINAGE AREA.--41.3 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1965 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 630 ft above NGVD of 1929, from topographic map. Prior to Nov. 3, 1967, at site 1,500 ft upstream at different datum.

REMARKS.--Records good including estimated daily discharges. 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 1969 to August 1972 due to dam construction. No diversion upstream from station. Tacoma Public Utilities satellite telemeter at station.

AVERAGE DISCHARGE.--37 years (water years 1966-2002), 525 ft<sup>3</sup>/s, 172.63 in/yr, 380,400 acre-ft/yr, adjusted for storage in Wynoochee Lake since October 1972.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,800 ft<sup>3</sup>/s Dec. 12, 1966, gage height, about 18.0 ft, from graph based on gage readings, site and datum then in use; minimum discharge, 0.9 ft<sup>3</sup>/s Sept. 10, 12, 1974, gage height, 0.06 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5,720 ft<sup>3</sup>/s, gage height, 6.17 ft Dec. 17; minimum discharge, 183 ft<sup>3</sup>/s Sept. 09; minimum daily discharge, 187 ft<sup>3</sup>/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	253	884	1320	418	385	1230	223	280	349	264	274	193
2	253	884	1320	583	385	544	243	281	348	241	333	193
3	256	830	1310	1150	385	540	244	284	348	241	315	193
4	256	412	1310	1310	385	540	253	284	402	241	304	193
5	256	405	1300	1300	385	540	253	284	449	241	304	193
6	256	404	1050	1100	647	546	253	284	451	241	304	193
7	256	404	855	629	846	546	253	284	449	241	304	193
8	256	404	754	3870	675	535	253	284	447	241	304	193
9	256	404	e400	4300	480	399	253	308	301	241	304	187
10	259	404	e399	4220	480	399	274	321	300	241	304	198
11	260	404	399	2420	480	906	284	321	300	241	304	213
12	260	404	401	1310	480	1140	284	321	300	241	315	213
13	260	789	630	1310	480	802	289	321	300	241	334	213
14	260	1350	1330	1310	481	403	533	367	300	241	339	213
15	260	1350	1340	1310	480	394	875	475	300	241	339	213
16	260	1340	380	1310	480	394	e600	475	300	251	339	213
17	260	1340	3630	1310	480	394	432	470	325	263	316	211
18	260	1350	3960	1300	482	390	280	349	454	276	281	209
19	260	1350	1310	1010	478	389	280	348	454	276	262	209
20	260	1330	1610	848	480	389	280	348	373	276	240	209
21	260	2230	1530	842	946	389	280	348	328	286	234	209
22	262	2290	1320	637	667	389	280	348	304	296	232	209
23	315	1580	1320	296	1290	389	280	348	280	301	220	209
24	361	1320	1320	867	2580	389	280	348	272	319	208	209
25	889	1320	1310	1300	2340	389	280	348	272	326	203	209
26	913	1320	1300	917	1300	389	280	348	272	326	203	209
27	991	1320	951	396	1310	374	280	348	271	326	199	209
28	986	1250	524	385	1310	227	280	579	471	326	193	209
29	982	1320	421	385	---	227	280	1320	1060	326	193	209
30	927	1320	418	385	---	223	280	553	456	326	193	209
31	884	---	418	385	---	223	---	540	---	326	193	---
TOTAL	12927	31712	35840	39113	21597	15028	9439	12117	11236	8464	8390	6135
MEAN	417	1057	1156	1262	771	485	315	391	375	273	271	204
MAX	991	2290	3960	4300	2580	1230	875	1320	1060	326	339	213
MIN	253	404	380	296	385	223	223	280	271	241	193	187
AC-FT	25640	62900	71090	77580	42840	29810	18720	24030	22290	16790	16640	12170
MEAN†	365	1056	1099	1313	873	482	716	389	373	154	85.4	69.6
CFSM†	8.84	25.57	26.61	31.79	21.14	11.67	17.34	9.42	9.03	3.73	2.07	1.69
IN.†	10.19	28.53	30.69	36.66	22.00	13.45	19.34	10.86	10.08	4.29	2.38	1.88
AC-FT†	22450	62840	67610	80760	48450	29630	42590	23920	22200	9450	5250	4140

CAL YR 2001 TOTAL 166536 MEAN 456 MAX 3960 MIN 209 AC-FT 330300 MEAN† 454 CFSM† 10.99 IN.† 149.18 AC-FT† 328600  
WTR YR 2002 TOTAL 211998 MEAN 581 MAX 4300 MIN 187 AC-FT 420500 MEAN† 579 CFSM† 14.01 IN.† 190.36 AC-FT† 419300

† Adjusted for change in contents in Wynoochee Lake.

e Estimated