12099000 WHITE RIVER CANAL AT BUCKLEY, WA

LOCATION.--Lat 47°10'19", long 122°01'13", in SE 1/4 SE 1/4 sec.34, T.20 N., R.6 E., Pierce County, Hydrologic Unit 17110014, on right bank 0.8 mi downstream from diversion dam, and 0.8 mi northwest of Buckley.

PERIOD OF RECORD.--February 1913 to September 1938 (monthly runoff only, published in WSP 1316), October 1981 to current year. Records for September 1958 to September 1981 available in files of the U.S. Geological Survey. Records prior to October 1961, published as White River flume near Buckley, at site 0.5 mi downstream from White River diversion dam. September 1959 to September 1992 station at site 4.0 mi downstream from diversion dam.

GAGE.--Water-stage recorder. Elevation of gage is 650 ft above sea level, from topographic map.

REMARKS.--Records poor. Flow completely regulated at White River diversion dam about 0.8 mi upstream from gage. U.S. Geological Survey satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 2,250 ft^3/s May 1, 2001; no flow on many days during most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,250 ft^3/s May 1, gage height, 7.19 ft; minimum discharge, no flow Aug. 2-21.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1840	e400	435	559	361	141	1220	2030	1390	955	640	1750
2	1240	e380	452	507	396	147	1130	1730	1400	954	251	1400
3	e960	e360	443	510	397	152	922	1540	1300	926	.00	954
4	e790	e440	418	615	892	157	762	1420	1110	911	.00	404
5	e680	e460	414	935	e1090	153	760	1420	1050	1000	.00	341
6	e620	e470	381	984	e880	e160	823	1270	1090	907	.00	e310
7	e570	e455	e375	738	e710	e170	758	1130	1040	791	.00	e340
8	e560	e640	e375	641	e550	e185	721	1140	1070	777	.00	e330
9	e550	e600	e360	558	e450	226	701	1160	1260	810	.00	e335
10	e590	e520	e350	489	e400	e250	792	1130	1280	812	.00	e315
11	e520	e440	e320	469	e350	228	814	1110	1750	814	.00	e301
12	e500	e400	e300	452	e310	221	804	1260	2070	791	.00	e330
13	e490	e380	e310	e440	e290	339	721	1580	1910	717	.00	e340
14	e500	e360	e320	e420	e265	247	655	1730	1770	682	.00	e355
15	e455	e345	e350	e370	e245	330	610	1990	1530	671	.00	e390
16	e490	e330	e360	e355	e225	333	782	2010	1370	601	.00	e390
17	e800	e320	464	357	e210	324	936	1840	1250	e580	.00	e360
18	e720	e310	389	422	e195	477	904	1540	1150	e570	.00	e330
19	e650	e305	387	446	e185	1150	845	1380	1140	e550	.00	e270
20	e960	e305	374	437	e175	819	784	1310	1150	553	.00	e225
21	e1200	e310	387	464	e155	520	744	1250	1210	675	1.7	e215
22	e920	e305	407	474	e150	458	726	1430	1260	675	2.9	e230
23	e810	e360	438	444	e145	447	828	1840	1190	681	373	e250
24	e680	e480	481	425	e139	437	872	2030	1060	723	735	e290
25	e580	e470	464	395	e135	625	984	2060	987	710	761	e330
26	e540	e670	461	379	146	883	1250	1920	927	690	761	e350
27	e500	996	538	359	134	636	1490	1720	1040	691	1260	e305
28	e560	596	494	351	129	813	1610	1590	1290	739	1710	e190
29	e520	480	460	358	---	805	1350	1420	1080	666	1670	e155
30	e470	456	610	356	---	774	1640	1190	921	625	1700	e145
31	e430	---	640	412	---	965	---	1210	---	613	1830	---
TOTAL	21695	13343	12957	15121	9709	13572	27938	47380	38045	22860	11695.60	12230
MEAN	700	445	418	488	347	438	931	1528	1268	737	377	408
MAX	1840	996	640	984	1090	1150	1640	2060	2070	1000	1830	1750
MIN	430	305	300	351	129	141	610	1110	921	550	.00	145
AC-FT	43030	26470	25700	29990	19260	26920	55420	93980	75460	45340	23200	24260

CAL YR 2000 TOTAL 354185.00 MEAN 968 MAX 2130 MIN .00 AC-FT 702500
WTR YR 2001 TOTAL 246545.60 MEAN 675 MAX 2070 MIN .00 AC-FT 489000

e Estimated