

Water-Data Report 2011

12098920 WHITE RIVER FLUME AT BUCKLEY, WA

Puget Sound Basin
Puyallup Subbasin

LOCATION.--Lat 47°10'11", long 122°00'39" referenced to North American Datum of 1927, in SW ¼ SW ¼ sec.16, T.19 N., R.8 W., Pierce County, WA, Hydrologic Unit 17110014, on right bank 0.3 mi downstream from diversion dam and 0.9 mi northeast of Buckley.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--February 1913 to September 1938 (monthly runoff only, published in WSP 1316), October 1981 to September 2004, October 2004 to September 2005 (gage height only), August 2010 to current year. Records for September 1958 to September 1981 available in files of the U.S. Geological Survey. Published as "near Buckley" prior to October 1961 and as "Canal at Buckley" October 1961 to September 2005.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 650 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except flows below 10 ft³/s, which are poor. Flow completely regulated at White River diversion dam 0.3 mi upstream from gage. U.S. Geological Survey satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 2,340 ft³/s, Dec. 17, 2001; no flow on many days during most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 1,100 ft³/s, Apr. 5, gage height, 5.66 ft; minimum discharge, no flow on many days October to March.

12098920 WHITE RIVER FLUME AT BUCKLEY, WA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	---	e0.0
2	---	---	---	---	---	---	---	---	---	---	---	e0.0
3	---	---	---	---	---	---	---	---	---	---	---	e0.0
4	---	---	---	---	---	---	---	---	---	---	---	e0.0
5	---	---	---	---	---	---	---	---	---	---	---	e0.0
6	---	---	---	---	---	---	---	---	---	---	---	e0.0
7	---	---	---	---	---	---	---	---	---	---	---	e0.0
8	---	---	---	---	---	---	---	---	---	---	---	0.1
9	---	---	---	---	---	---	---	---	---	---	---	0.0
10	---	---	---	---	---	---	---	---	---	---	---	0.0
11	---	---	---	---	---	---	---	---	---	---	---	0.0
12	---	---	---	---	---	---	---	---	---	---	---	0.0
13	---	---	---	---	---	---	---	---	---	---	38	0.0
14	---	---	---	---	---	---	---	---	---	---	37	0.0
15	---	---	---	---	---	---	---	---	---	---	37	0.0
16	---	---	---	---	---	---	---	---	---	---	38	0.0
17	---	---	---	---	---	---	---	---	---	---	31	0.0
18	---	---	---	---	---	---	---	---	---	---	27	0.0
19	---	---	---	---	---	---	---	---	---	---	29	0.0
20	---	---	---	---	---	---	---	---	---	---	37	0.0
21	---	---	---	---	---	---	---	---	---	---	44	0.0
22	---	---	---	---	---	---	---	---	---	---	45	0.0
23	---	---	---	---	---	---	---	---	---	---	17	0.0
24	---	---	---	---	---	---	---	---	---	---	0.0	0.0
25	---	---	---	---	---	---	---	---	---	---	0.0	0.0
26	---	---	---	---	---	---	---	---	---	---	0.0	0.0
27	---	---	---	---	---	---	---	---	---	---	0.0	0.0
28	---	---	---	---	---	---	---	---	---	---	0.0	0.0
29	---	---	---	---	---	---	---	---	---	---	0.0	0.0
30	---	---	---	---	---	---	---	---	---	---	e0.0	0.0
31	---	---	---	---	---	---	---	---	---	---	e0.0	---

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.0	3.0	1.4	e0.0	0.3	1.2	712	114	49	126	120	86
2	0.0	2.5	0.7	e0.0	0.2	0.9	83	115	47	121	169	83
3	0.0	0.8	0.4	e0.0	0.2	0.7	114	115	45	111	170	73
4	0.0	e0.0	0.2	e0.0	0.4	0.6	903	115	43	116	138	72
5	0.0	e0.0	0.1	e0.1	0.4	0.7	962	116	41	92	93	83
6	0.0	e0.1	0.0	0.9	0.3	0.4	905	116	38	43	97	88
7	0.0	1.9	0.0	1.9	0.3	0.2	121	111	41	43	90	85
8	0.0	0.8	0.1	1.0	0.3	0.2	98	111	36	52	93	109
9	0.0	0.6	1.3	0.6	0.0	1.2	97	72	35	91	82	146
10	0.4	0.6	1.9	e0.7	0.0	5.3	95	38	37	89	74	139
11	0.0	0.2	1.9	e0.6	0.0	0.9	94	37	50	88	74	131
12	0.0	e0.0	6.5	2.1	0.3	0.4	94	59	46	88	74	132
13	0.0	e0.0	7.2	4.0	0.8	0.4	96	57	38	84	74	133
14	0.0	1.2	5.0	1.6	0.7	0.4	239	63	48	69	73	134
15	0.0	1.6	1.9	1.3	0.5	1.5	46	64	93	67	73	133
16	0.0	1.5	1.0	6.1	0.3	1.4	55	45	97	61	71	145
17	0.0	1.8	0.6	3.3	0.2	0.4	183	38	169	55	80	161
18	0.0	2.0	0.4	1.5	e0.0	5.9	91	39	190	62	87	124
19	0.0	0.9	0.3	1.0	e0.0	317	86	36	108	78	87	99
20	0.0	0.5	0.1	0.8	e0.0	493	85	37	73	81	87	138
21	0.0	0.3	0.0	6.2	e0.0	406	85	47	72	75	88	141
22	0.0	e0.4	0.0	1.9	e0.0	224	109	75	68	57	88	78
23	0.0	e0.3	0.0	1.2	e0.0	269	110	152	61	51	60	50
24	0.0	e0.3	0.2	1.6	e0.0	413	110	155	38	48	53	44
25	0.6	e0.6	1.7	1.1	e0.0	509	112	117	46	34	65	47
26	1.3	1.7	0.7	0.6	e0.0	497	118	68	46	39	70	48
27	0.9	1.6	0.7	0.4	e0.1	443	133	67	58	40	70	46
28	0.0	1.7	1.4	0.3	2.3	418	125	65	79	62	72	43
29	0.4	0.9	1.6	0.6	---	206	115	62	76	96	86	63
30	0.1	1.5	0.7	1.5	---	373	115	59	76	91	89	96
31	0.3	---	e0.3	0.6	---	776	---	55	---	88	89	---

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