

Water-Data Report 2011

## 12101470 PUYALLUP RIVER AT 5TH ST BRIDGE AT PUYALLUP, WA

Puget Sound Basin  
Puyallup Subbasin

LOCATION.--Lat 47°11'56", long 122°17'10" referenced to North American Datum of 1927, in NE ¼ NW ¼ sec.27, T.20 N., R.4 E., Pierce County, WA, Hydrologic Unit 17110014, on downstream side of bridge, 1.7 mi downstream from White (Stuck) River, 0.5 mile northeast of Puyallup and at mile 8.7.

DRAINAGE AREA.--943 mi<sup>2</sup>.

### **SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 2010 to current year (seasonal records).

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by Parametrix).

REMARKS.--Records poor. All diverted water returned to river upstream of gage. Part of flow of White River (a tributary) diverted through Lake Tapps (station 12101000). Flood flow regulated by Mud Mountain Lake (station 12098000) on White River. Some pondage on tributaries and upper Puyallup River. Diurnal fluctuations caused by powerplants and glacial melt upstream from station. U.S. Geological Survey satellite telemeter at station. Since 1912 the City of Tacoma pipeline diversion from Green River has released water into Puyallup River 0.5 mi east of McMillin. Since 1990 releases have been minimal.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Jan. 16, 2011, elevation, 31.59 ft; minimum discharge, 1,190 ft<sup>3</sup>/s, Oct. 23, 2010, elevation, 17.81 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Jan. 16, elevation, 31.59 ft; minimum discharge, 1,190 ft<sup>3</sup>/s, Oct. 23, elevation, 17.81 ft.

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**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	3,470	6,010	2,520	4,140	2,440	10,700	---	---	---	---	---
2	---	10,100	4,880	2,420	3,670	2,510	12,700	---	---	---	---	---
3	---	5,640	3,860	2,310	3,430	2,440	9,910	---	---	---	---	---
4	---	4,180	3,270	2,210	4,150	2,080	7,690	---	---	---	---	---
5	---	3,480	2,910	2,200	5,420	1,950	9,060	---	---	---	---	---
6	---	3,240	2,700	3,090	4,790	1,870	8,710	---	---	---	---	---
7	---	4,170	2,640	4,620	5,060	1,780	8,240	---	---	---	---	---
8	---	3,750	3,320	5,130	4,700	1,940	6,900	---	---	---	---	---
9	---	3,210	4,400	4,140	4,030	2,940	6,110	---	---	---	---	---
10	---	3,020	6,160	3,480	3,620	5,460	5,360	---	---	---	---	---
11	---	2,690	5,120	3,010	3,380	5,340	4,810	---	---	---	---	---
12	---	2,590	11,600	3,460	3,270	3,950	4,490	---	---	---	---	---
13	---	2,420	16,900	10,500	3,830	3,640	4,190	---	---	---	---	---
14	---	3,560	14,100	10,600	3,520	4,190	3,870	---	---	---	---	---
15	---	4,450	11,400	9,150	3,540	4,200	4,060	---	---	---	---	---
16	---	10,200	8,060	22,900	3,210	4,540	4,310	---	---	---	---	---
17	---	7,020	5,360	26,400	2,980	3,850	4,380	---	---	---	---	---
18	---	6,360	4,380	16,600	2,830	3,310	4,160	---	---	---	---	---
19	---	4,820	3,940	11,600	2,660	3,080	3,900	---	---	---	---	---
20	---	3,960	3,600	9,650	2,510	2,570	3,510	---	---	---	---	---
21	---	3,450	3,240	13,500	2,410	2,390	3,350	---	---	---	---	---
22	1,240	3,160	2,930	13,300	2,370	2,480	3,150	---	---	---	---	---
23	1,220	2,900	2,710	10,600	2,300	2,330	2,990	---	---	---	---	---
24	1,420	2,540	2,600	9,480	2,250	2,200	2,940	---	---	---	---	---
25	2,380	2,530	3,640	8,660	2,060	2,420	3,400	---	---	---	---	---
26	2,970	2,720	3,220	8,490	1,990	2,350	3,960	---	---	---	---	---
27	3,700	3,020	2,970	7,540	2,060	2,470	4,150	---	---	---	---	---
28	2,960	2,990	3,300	6,230	2,730	2,370	4,510	---	---	---	---	---
29	2,750	2,650	3,580	5,920	---	2,560	4,040	---	---	---	---	---
30	2,530	3,410	3,090	5,710	---	5,180	3,690	---	---	---	---	---
31	2,680	---	2,680	4,900	---	12,100	---	---	---	---	---	---

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