



Water-Data Report 2008

## 12102190 SWAN CREEK AT 80TH STREET EAST, NEAR TACOMA, WA

Puget Sound Basin  
Puyallup Subbasin

LOCATION.--Lat 47°11'05", long 122°23'33" referenced to North American Datum of 1927, in SE ¼ SW ¼ sec.26, T.20 N., R.3 E., Pierce County, WA, Hydrologic Unit 17110014, on right bank, downstream from 80th Street East crossing, 5.1 mi south-southeast of Tacoma.

DRAINAGE AREA.--2.35 mi<sup>2</sup>.

### **SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1989 to September 1991, October 1994 to September 1997, October 1997 to current year (seasonal records).

REVISED RECORDS.--WDR WA-97-1: 1996 (M).

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 395 ft above NGVD of 1929, from topographic map. Prior to November 1994, at datum 5.00 ft higher.

REMARKS.--Records poor.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--5 years (water years 1990-91, 1995-97), 4.78 ft<sup>3</sup>/s, 27.66 in/yr, 3,470 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, not determined but occurred Feb. 8, 1996, elevation, 10.85 ft, from outside high-water mark; no flow many days each year.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 112 ft<sup>3</sup>/s, Dec. 3, gage height, 8.52 ft; Minimum discharge, no flow on many days.

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**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**  
**DAILY MEAN VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.0	0.00	0.75	4.0	12	5.8	3.9	---	---	---	---	---
2	4.6	0.00	16	6.7	10	3.3	3.0	---	---	---	---	---
3	5.5	0.00	79	7.3	7.8	2.4	2.3	---	---	---	---	---
4	2.0	0.00	34	7.5	6.3	2.1	2.3	---	---	---	---	---
5	0.35	0.00	14	6.0	9.1	1.5	2.3	---	---	---	---	---
6	0.04	0.00	7.5	4.8	11	1.3	3.2	---	---	---	---	---
7	0.27	0.00	5.2	4.8	19	0.98	4.7	---	---	---	---	---
8	1.3	0.00	4.1	7.4	15	0.99	e3.2	---	---	---	---	---
9	0.24	0.00	2.9	6.5	23	0.74	e2.8	---	---	---	---	---
10	0.78	0.19	2.3	21	12	0.66	e1.9	---	---	---	---	---
11	1.0	0.00	2.0	23	8.5	3.2	e1.4	---	---	---	---	---
12	0.18	0.41	1.7	14	6.3	2.9	1.3	---	---	---	---	---
13	0.06	0.49	1.5	10	5.4	7.0	0.98	---	---	---	---	---
14	0.00	0.00	2.0	10	4.0	e11	0.93	---	---	---	---	---
15	0.00	0.21	3.4	9.2	3.4	8.9	0.91	---	---	---	---	---
16	0.11	2.8	2.8	7.0	3.2	5.7	0.69	---	---	---	---	---
17	0.28	3.8	2.5	5.6	2.7	5.6	0.45	---	---	---	---	---
18	1.1	2.8	5.0	4.9	2.2	4.3	0.32	---	---	---	---	---
19	3.1	1.1	12	4.5	2.1	3.3	0.24	---	---	---	---	---
20	13	0.80	14	4.5	1.8	3.3	0.23	---	---	---	---	---
21	3.2	0.42	5.2	3.8	1.6	3.8	0.22	---	---	---	---	---
22	1.0	0.16	6.5	3.0	1.4	2.9	0.39	---	---	---	---	---
23	0.19	0.00	14	2.6	1.1	7.0	2.8	---	---	---	---	---
24	0.00	0.00	13	2.3	1.0	7.4	2.0	---	---	---	---	---
25	0.00	0.00	6.5	1.9	0.81	4.9	1.3	---	---	---	---	---
26	0.00	0.10	6.1	2.3	0.63	8.0	0.70	---	---	---	---	---
27	0.00	0.96	6.8	4.5	0.59	9.9	0.51	---	---	---	---	---
28	0.00	0.33	10	3.4	0.59	12	e2.1	---	---	---	---	---
29	0.00	2.6	6.9	7.0	1.4	12	e3.2	---	---	---	---	---
30	0.00	1.3	8.6	9.0	---	6.8	e1.7	---	---	---	---	---
31	0.00	---	5.0	11	---	4.9	---	---	---	---	---	---
<b>Total</b>	41.30	18.47	301.25	219.5	173.92	154.57	51.97	---	---	---	---	---
<b>Mean</b>	1.33	0.62	9.72	7.08	6.00	4.99	1.73	---	---	---	---	---
<b>Max</b>	13	3.8	79	23	23	12	4.7	---	---	---	---	---
<b>Min</b>	0.00	0.00	0.75	1.9	0.59	0.66	0.22	---	---	---	---	---
<b>Ac-ft</b>	82	37	598	435	345	307	103	---	---	---	---	---
<b>Cfsm</b>	0.57	0.26	4.14	3.01	2.55	2.12	0.74	---	---	---	---	---
<b>In.</b>	0.65	0.29	4.77	3.47	2.75	2.45	0.82	---	---	---	---	---

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