

Water-Data Report 2012

12113344 GREEN RIVER AT 200TH STREET AT KENT, WA

Puget Sound Basin
Duwamish Subbasin

LOCATION.--Lat 47°25'23", long 122°15'51" referenced to North American Datum of 1927, in SE ¼ NW ¼ sec.2, T.22 N., R.4 E., King County, WA, Hydrologic Unit 17110013, on upstream side of 200th street bridge, and at mile 17.

DRAINAGE AREA.--451 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 2011 to current year.

GAGE.—Water-stage recorder and crest-stage gage. Datum of gage is NAVD of 1988.

REMARKS.--Records fair except discharges below 1,400 ft³/s, which are poor. Since Dec. 5, 1961, flow regulated by Howard A. Hanson Reservoir (station 12108500), 47.5 mi upstream from station, flood control and during summer months, to augment the natural river flow. City of Tacoma diverted an average daily discharge of about 70 ft³/s from river at headworks near Palmer, 44 mi upstream from station, for municipal use. Minor diversions on upstream tributaries for domestic use. U.S. Geological Survey satellite telemetry at station. This station is tidally influenced.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,360 ft³/s, Feb. 23, 2012, elevation, 30.90 ft; minimum discharge, 342 ft³/s, Sept. 11,12, 2012, elevation, 11.14 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge during period December 29 to September 30, 8,360 ft³/s, Feb. 23, elevation, 30.90 ft; minimum discharge, 342 ft³/s, Sept. 11, 12, elevation, 11.14 ft.

12113344 GREEN RIVER AT 200TH STREET AT KENT, WA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	4,590	4,630	2,270	3,490	3,300	1,760	1,250	658	379
2	---	---	---	3,070	3,920	1,960	2,620	3,380	1,910	1,330	601	376
3	---	---	---	2,770	3,130	1,840	2,170	3,040	1,940	1,360	527	373
4	---	---	---	2,360	2,530	1,860	2,070	3,130	2,190	1,270	467	368
5	---	---	---	2,270	2,310	2,300	1,820	3,030	2,090	1,230	437	368
6	---	---	---	2,420	2,180	2,400	1,680	2,860	2,200	1,160	419	368
7	---	---	---	1,900	2,040	2,160	1,530	2,730	2,100	1,070	403	367
8	---	---	---	1,750	1,750	1,900	1,470	2,280	2,190	1,030	397	363
9	---	---	---	1,670	1,650	1,770	1,420	2,280	2,080	1,010	391	356
10	---	---	---	1,560	1,630	1,740	1,320	2,430	1,980	991	389	365
11	---	---	---	1,460	1,650	1,930	1,410	2,050	1,920	945	403	358
12	---	---	---	1,320	1,620	2,230	1,790	1,930	1,970	915	414	352
13	---	---	---	1,230	1,640	2,330	1,850	1,900	1,970	910	410	361
14	---	---	---	1,160	1,670	2,200	1,760	1,880	1,870	912	399	361
15	---	---	---	1,150	1,540	2,200	1,720	2,000	1,690	905	393	370
16	---	---	---	1,120	1,420	2,800	1,790	2,460	1,470	905	392	376
17	---	---	---	1,140	1,420	3,050	2,110	2,330	1,430	901	389	378
18	---	---	---	1,120	1,710	2,870	2,290	2,040	1,660	867	391	376
19	---	---	---	1,200	1,700	2,590	2,030	1,770	2,170	827	399	370
20	---	---	---	1,330	1,790	2,180	2,500	1,720	2,140	836	414	368
21	---	---	---	1,850	2,060	2,350	3,830	1,800	1,840	812	401	403
22	---	---	---	2,140	6,270	2,090	3,680	1,930	1,590	773	390	481
23	---	---	---	1,900	8,220	1,960	3,620	2,400	1,630	758	382	508
24	---	---	---	1,660	8,080	1,800	3,980	3,220	1,810	765	376	519
25	---	---	---	1,850	7,220	1,650	4,350	3,000	1,760	764	383	527
26	---	---	---	3,280	5,860	1,560	3,570	2,460	1,710	778	382	529
27	---	---	---	3,130	4,220	1,700	3,360	1,930	1,720	775	382	530
28	---	---	---	2,370	3,290	1,760	2,770	1,840	1,590	752	382	528
29	---	---	e5,680	2,430	2,750	1,800	2,620	1,810	1,400	735	382	524
30	---	---	6,710	3,760	---	2,340	2,700	1,660	1,260	725	384	518
31	---	---	6,450	5,320	---	3,510	---	1,510	---	699	384	---

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