12480954 WILLIAMS CREEK ABOVE BOULDER CREEK NEAR LIBERTY WA

Yakima Basin
Upper Yakima Subbasin

LOCATION.--Lat 47°15′20″, long 120°39′24″ referenced to North American Datum of 1927, in sec.1, T.20 N., R.17 E., Kittitas County, WA, Hydrologic Unit 17030001, on Pine Gulch road and 2.1 miles east of Liberty.

DRAINAGE AREA.--Not determined.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--August 2011 (discharge measurements only).

REMARKS.--This site was measured as part of the Upper Kittitas County groundwater study. See next page for the complete seepage report.

DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Date	Discharge, in ft^3/s
Aug 8, 2011	3.26

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 12480954, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/12480954.2011.pdf

YAKIMA River BASIN
Low-Flow Investigation

These sites were measured as part of the Upper Kittitas County groundwater study.
[ft3/s, cubic foot per second; °C, degrees Celsius; --, no data]

Measured Stream and Location	Date	Discharge (ft 3/s)	Temperature (°C)
12476800 Spex Arth Creek near Forest Service road 4510 near South Cle Elum, WA	8/9/2011	0.62	8.1
12476820 Unnamed Tributary to Spex Arth Creek near South Cle Elum, WA	8/9/2011	0.07	9.6
12476840 Unnamed Tributary to Spex Arth Creek at Woods Steele road, WA	8/9/2011	3.94	10.9
12476860 Unnamed Tributary 0.2 mi above Spex Arth Creek, near South Cle Elum,WA	8/9/2011	0.001	14.9
12476880 Spex Arth Creek above Main Canal near South Cle Elum, WA	8/9/2011	0.02	9.4
12476900 Spex Arth Creek at Westside road near South Cle Elum, WA	8/9/2011	3.08	11.0
12477290 Big Creek at West Nelson Siding road near Easton, WA	8/9/2011	20.1	13.5
12477320 Little Creek at Forest Service road 4517 near Easton, WA	8/9/2011	5.88	9.7
12477340 Little Creek at West Nelson Siding road near Easton, WA	8/9/2011	2.04	13.1
12478885 Davis Creek at Forest Service road 4305 near Lakedale, WA	8/9/2011	0	--
12478890 Davis Creek 1.25 mi above mouth near Lakedale, WA	8/10/2011	0.12	8.2
12478895 Newport Creek at Salmon La Sac road near Lakedale, WA	8/9/2011	0	--
12478945 Spring Creek at Telluride Drive near Lakedale, WA	8/10/2011	0.16	--
12478950 Spring Creek at Salmon La Sac road near Lakedale, WA	8/10/2011	0.01	--
12479370 Tillman Creek above Main Canal near South Cle Elum, WA	8/9/2011	1.14	9.7
12479380 Tillman Creek at Mohar road near South Cle Elum, WA	8/9/2011	0	--
12479390 Tillman Creek below Main Canal near South Cle Elum, WA	8/9/2011	1.94	10.7
12479400 Tillman Creek at Iron Horse Trail near South Cle Elum, WA	8/9/2011	1.88	12.7
12479610 Teanaway River at HWY 10 near Cle Elum, WA	8/9/2011	54.1	15.1
12479636 West Fork Teanaway River near Roslyn, WA	8/9/2011	5.84	15.6
12479640 West Fork Teanaway River near Teanaway Campground, WA	8/9/2011	6.99	14.4
12479690 North Fork Teanaway River above Stafford Creek, near Cle Elum, WA	8/8/2011	28.3	14.2
12479710 Stafford Creek above NF Teanaway River, WA	8/8/2011	11.8	14.9
12479722 Jungle Creek above Teanaway River near Cle Elum, WA	8/8/2011	0.56	16.9
12479724 North Fork Teanaway River at 29 Pines Campground, WA	8/8/2011	42.4	16.7
12479728 Jack Creek 2.6 mi upstream from mouth near Cle Elum, WA	8/8/2011	0.95	12.3
12479730 Jack Creek 1.6 mi upstream from mouth near Cle Elum, WA	8/8/2011	0.98	13.7
12479732 Jack Creek 0.5 mi upstream from mouth near Cle Elum, WA	8/8/2011	0.97	14.4
12479738 Rye Creek at mouth near Cle Elum, WA	8/9/2011	0.05	9.4
12479744 Indian Creek near Dickey Creek Campground, WA	8/8/2011	0.83	13.3
12479746 Unnamed Creek near 29 Pines Campground, WA	8/8/2011	0.09	11.0
12479970 Lick Creek above North Fork Teanaway River, WA	8/8/2011	0.02	19.1
12479976 North Fork Teanaway River Below Lick Creek near Cle Elum, WA	8/8/2011	49.1	14.0
12480500 Teanaway River near Cle Elum, WA	8/9/2011	51.7	13.6
12480850 Swauk Creek at Mineral Springs Campground near Liberty, WA	8/8/2011	4.02	16.5
12480900 Medicine Creek near Liberty, WA	8/8/2011	0.26	12.7
12480934 Mill Creek near Liberty, WA	8/8/2011	0.17	12.0
12480942 Swauk Creek near Liberty, WA	8/8/2011	5.18	17.3
12480954 Williams Creek above Boulder Creek near Liberty WA	8/8/2011	3.26	13.7
12480960 Williams Creek below Lion Gulch near Liberty, WA	8/8/2011	4.14	13.5
12480964 Williams Creek near Liberty, WA	8/8/2011	4.95	14.8
12480984 First Creek at mouth near Cle Elum, WA	8/8/2011	1.91	15.7
12480986 Swauk Creek at Burke road near Cle Elum, WA	8/8/2011	14.0	13.7
	8/9/2011	13.2	11.3
12481100 Swauk Creek at HWY 10 near Thorp, WA	8/9/2011	12.6	15.3