

SPOKANE RIVER BASIN

Spokane River Seepage Investigations

A series of discharge measurements were made Sept. 13-16, 2004, on the Spokane River and some of its tributaries to study gains and losses (in conjunction with the Spokane Valley-Rathdrum Prairie Aquifer study). The reach covered 44.4 mi.

[mi, mile; ft³/s, cubic foot per second; °C, degrees Celsius; --, no data]

Spokane River mile	Stream and Location	Measured discharge (ft ³ /s)	Date	Gain or loss	Water temperature (°C)
100.7	Spokane River near Post Falls (12419000)	¹ 645	9-14-04	--	--
93.9	Spokane River above Liberty Bridge (12419500)	¹ 468	9-14-04	-177	--
90.5	Spokane River at Greenacres (12420500)	¹ 358	9-14-04	-110	--
89.1	Spokane River at Flora Road (NW¼SW¼, sec.7, T.25 N., R.44 E.)	324	9-13-04	-34	16.2
84.2	Spokane River at Centennial Trail pedestrian bridge below Plantes Ferry Park (NW¼SE¼, sec.4, T.25 N., R.44 E.)	761	9-13-04	+437	--
77.3	Spokane River 0.5 mi below Greene Street bridge (NW¼SE¼, sec.9, T.25 N., R.43 E., 0.5 mi below former gaging station 12422000)	1,060	9-14-04	+299	12.5
72.8	Spokane River at Spokane (12422500)	¹ 936	9-14-04	-124	--
73.2	Hangman Creek at Spokane (12424000)	6.82	9-13-04	--	13.8
72.2	Confluence of Hangman Creek and Spokane River				
70	Springs above T.J. Meenach Bridge (NW¼SW¼, sec.12, T.25 N., R.42 E.)	1.88	9-16-04	--	11.4
69.6	Spokane River below T.J. Meenach Bridge (SE¼NW¼, sec.11, T.25 N., R.42 E.)	1,030	9-14-04	+85	13.2
69.7	Little Spokane River below Little Spokane Drive bridge, above Deadman Creek (SE¼NW¼, sec.33, T.27 N., R.43 E.)	99.2	9-14-04	--	12.8
69.7	Deadman Creek at Shady Slope Road bridge, near mouth (south distributary) (NW¼SE¼, sec.33, T.27 N., R.43 E.)	.14	9-14-04	--	11.1
69.7	Little Deep Creek below Shady Slope Road bridge, near mouth (SW¼NE¼, sec.33, T.27 N., R.43 E.)	.67	9-14-04	--	10.7
69.8	Deadman Creek at Shady Slope Road bridge, near mouth (NW¼SE¼, sec.33, T.27 N., R.43 E.)	10.3	9-14-04	--	10.5
67.7	Little Spokane River below foot bridge, at Pine River Park (SE¼SW¼, sec.32, T.27 N., R.43 E.)	105	9-14-04	-5.3	13.7
67.2	Little Spokane River at Dartford (12431000)	¹ 112	9-15-04	+7	--
66.8	Dartford Creek above Hazard Road bridge, near mouth (NW¼NE¼, sec.6, T.26 N., R.43 E.)	2.37	9-14-04	--	11.3
63.9	Little Spokane River at Waikiki Road/Rutter Parkway bridge (NE¼NE¼, sec.11, T.26 N., R.42 E.)	302	9-15-04	+188	--
60.2	Little Spokane River near Dartford (12431500)	¹ 368	9-15-04	+66	--
57.4	Little Spokane River at State Route 291 bridge, near mouth (SE¼NW¼, sec.5, T.26 N., R.42 E.)	349	9-15-04	-19	11.4
56.3	Confluence of Little Spokane River and Spokane River				

¹Discharge from gage rating.