

Table 33. Summary of measured constituents and properties for Little Fountain Creek above Hwy 115 at Fort Carson, Co., station 384048104510401
 [--, no data or not applicable; L, low; M, medium; H, high; LRL, Lab Reporting Level; *, value is censored, see Definition of Terms for censored value replacement rules; NC, percentiles and medians not calculated or Level of Concern not computed; **, Geometric mean; see Definition of Terms for explanation of standards, exceedances, and concern levels for dissolved oxygen, *Escherichia coli*, pH, and water temperature]

Constituent or property	Period (water years)	Number of samples	Number of censored values	Minimum	Median	Maximum	Date of Maximum	15th percentile	85th percentile	Chronic standard or standard	Number of exceedances of chronic standard or standard	Acute standard or standard	Number of exceedances of acute standard or standard	LRL	Level of concern
Instantaneous discharge, in cubic feet per second	2013-2017	6	0	0.24	9.0	325	05/05/15	0.44	309	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	2013-2017	6	0	7.1	7.8	10.2	05/05/15	7.1	10.2	6.0	0	--	--	--	L
pH, in standard units	2013-2017	6	0	7.4	7.9	8.4	08/09/17	7.4	8.4	6.5-9.0	0	--	--	--	L
Specific conductance, in microsiemens per centimeter	2013-2017	6	0	71.0	116	150	10/31/13	73.1	150	--	--	.	--	--	--
Temperature, water, degrees Celsius	2013-2017	6	0	5.5	15.5	20.1	08/03/13	5.5	19.9	--	--	--	--	--	--
Temperature, water, degrees Celsius June-September	2013-2017	4	0	15.2	NC	20.1	08/03/13	NC	NC	21.7	0	--	--	--	NC
Temperature, water, degrees Celsius October-May	2014-2015	2	0	5.5	NC	6.0	05/05/15	NC	NC	13.0	0	--	--	--	NC
Turbidity, water, unfiltered, monochrome near infra-red in nephelometric turbidity units	2016	1	0	13.4	NC	13.4	08/08/16	NC	NC	--	--	.	--	--	--
Dissolved solids dried at 180 degrees C, in milligrams per liter	2013-2017	6	0	63.1	78.4	97.5	10/31/13	63.6	97.2	--	--	.	--	20.0	--
Hardness, in milligrams per liter	2013-2017	6	0	28.3	46.7	61.3	10/31/13	29.1	60.8	--	--	.	--	--	--
Calcium, in milligrams per liter	2013-2017	6	0	8.3	13.9	18.6	10/31/13	8.6	18.5	--	--	.	--	0.022	--
Magnesium, in milligrams per liter	2013-2017	6	0	1.8	2.7	3.6	10/31/13	1.9	3.6	--	--	.	--	0.011	--
Potassium, in milligrams per liter	2013-2017	6	0	1.6	1.8	2.3	08/03/13	1.6	2.3	--	--	.	--	0.10	--
Sodium, in milligrams per liter	2013-2017	6	0	2.8	5.1	8.3	08/03/13	2.9	8.2	--	--	.	--	0.10	--
Chloride, in milligrams per liter	2013-2017	6	0	1.1	1.5	3.2	08/03/13	1.1	3.2	250	0	.	--	0.020	L
Fluoride, in milligrams per liter	2013-2017	6	0	1.8	2.7	3.1	07/30/14	1.9	3.1	--	--	.	--	0.010	--
Silica, in milligrams per liter	2013-2017	6	0	9.4	12.4	13.8	08/08/16	9.5	13.7	--	--	.	--	0.018	--
Sulfate, in milligrams per liter	2013-2017	6	0	6.1	9.0	10.2	08/03/13	6.2	10.2	250	0	.	--	0.020	L
Ammonia nitrogen, in milligrams per liter	2013-2017	6	4	0 *	0 *	0.023	08/03/13	0 *	0.022	2.69	0	7.61	0	0.010	L
Ammonia, unfiltered, in milligrams per liter	2013-2017	6	4	0 *	0 *	0.117	08/03/13	0 *	0.114	--	--	--	--	0.020	--
Nitrite plus nitrate, in milligrams per liter	2013-2017	6	1	0 *	0.086	0.336	08/08/16	0.002	0.330	--	--	10.0	0	0.040	--
Orthophosphate, in milligrams per liter	2013-2017	6	3	0 *	0.003	0.015	08/03/13	0 *	0.015	--	--	--	--	0.0040	--
Phosphorus, in milligrams per liter	2013-2017	6	4	0 *	0 *	0.026	08/03/13	0 *	0.026	--	--	--	--	0.020	--
Phosphorus, unfiltered, in milligrams per liter	2013-2017	6	0	0.009	0.051	0.725	05/05/15	0.009	0.695	0.11	2	--	--	0.0040	L
Total nitrogen, unfiltered, in milligrams per liter	2013-2017	6	0	0.090	0.474	1.78	05/05/15	0.094	1.73	--	--	--	--	0.050	--
<i>Escherichia coli</i> , Defined Substrate Technology, in colonies per 100 milliliters	2013-2017	6	1	1	335	1,500	08/08/16	--	67 **	126	3	--	--	1	L
Total coliform, Defined Substrate Technology, in colonies per 100 milliliters	2013-2017	6	0	88	2,400	24,000	08/08/16	204	23,165	--	--	--	--	--	--
Aluminum, in micrograms per liter	2013-2017	6	0	15.9	72.9	695	08/08/16	15.9	674	170	2	1,191	0	3.0	H
Barium, in micrograms per liter	2013-2017	6	0	15.9	29.7	34.8	08/03/13	16.3	34.7	1,000	0	.	--	0.10	L
Beryllium, in micrograms per liter	2013-2017	6	0	0.044	0.107	0.294	05/05/15	0.046	0.287	4.00	0	--	--	0.010	L
Cadmium, in micrograms per liter	2013-2017	6	6	0 *	0 *	0 *	08/03/13	0 *	0 *	0.40	0	0.87	0	0.030	L
Chromium, in micrograms per liter	2013-2017	6	5	0 *	0 *	0.51	08/08/16	0 *	0.48	39.4	0	.	--	0.50	L
Cobalt, in micrograms per liter	2013-2017	6	1	0 *	0.16	0.44	08/03/13	0.006	0.44	--	--	.	--	0.030	--
Copper, in micrograms per liter	2013-2017	6	3	0 *	0.17	1.7	08/08/16	0 *	1.7	4.6	0	6.5	0	0.20	L
Iron, in micrograms per liter	2013-2017	6	0	41.2	172	428	08/08/16	42.9	425	300	2	.	--	10.0	H

Table 33. Summary of measured constituents and properties for Little Fountain Creek above Hwy 115 at Fort Carson, Co., station 384048104510401
 [--, no data or not applicable; L, low; M, medium; H, high; LRL, Lab Reporting Level; *, value is censored, see Definition of Terms for censored value replacement rules; NC, percentiles and medians not calculated or Level of Concern not computed; **, Geometric mean; see Definition of Terms for explanation of standards, exceedances, and concern levels for dissolved oxygen, *Escherichia coli*, pH, and water temperature]

Constituent or property	Period (water years)	Number of samples	Number of censored values	Minimum	Median	Maximum	Date of Maximum	15th percentile	85th percentile	Chronic standard or standard	Number of exceedances of chronic standard or standard	Acute standard or standard	Number of exceedances of acute standard or standard	LRL	Level of concern
Lead, in micrograms per liter	2013-2017	6	2	0 *	0.070	0.34	08/08/16	0 *	0.34	1.1	0	27.7	0	0.020	L
Manganese, in micrograms per liter	2013-2017	6	0	5.1	11.6	334	10/31/13	5.2	319	50.0	1	.	--	0.40	H
Molybdenum, in micrograms per liter	2013-2017	6	0	0.816	1.52	2.03	08/03/13	0.840	2.01	210	0	--	--	0.050	L
Nickel, in micrograms per liter	2013-2017	6	0	0.25	0.45	0.99	07/30/14	0.26	0.97	27.1	0	244	0	0.20	L
Silver, in micrograms per liter	2013-2017	6	6	0 *	0 *	0 *	08/03/13	0 *	0 *	0.020	0	0.54	0	1.0	L
Zinc, in micrograms per liter	2013-2017	6	4	0 *	0 *	2.5	05/05/15	0 *	2.5	60.1	0	79.4	0	2.0	L
Antimony, in micrograms per liter	2013-2017	6	1	0 *	0.064	0.117	05/05/15	0.0015	0.115	5.60	0	--	--	0.030	L
Arsenic, in micrograms per liter	2013-2017	6	0	0.10	0.17	0.34	05/05/15	0.10	0.33	--	--	340	0	0.050	--
Selenium, in micrograms per liter	2013-2017	6	0	0.12	0.18	0.30	05/05/15	0.12	0.29	4.6	0	18.4	0	0.050	L
Uranium (natural), in micrograms per liter	2013-2017	6	0	0.61	0.93	3.4	08/03/13	0.62	3.3	30.0	0	.	--	0.010	L