

Table 38. Summary of measured constituents and properties for Fountain Creek near Pinon, Co., station 07106300

[--, 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	1990-2017	630	0	4.0	121	5,750	06/03/94	52.7	272	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2018-2019	70	0	24.2	122	2,250	07/24/18	66.1	227	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	1991-2017	175	0	5.8	8.4	12.0	01/19/96	6.9	10.4	5.0	0	--	--	--	L
Dissolved oxygen, in milligrams per liter	2018-2019	24	0	6.3	8.2	10.8	02/07/19	6.7	10.2	5.0	0	--	--	--	L
pH, in standard units	1991-2017	182	0	7.9	8.3	8.5	04/17/00	8.1	8.4	6.5-9.0	0		--	--	L
pH, in standard units	2018-2019	24	0	8.0	8.4	8.5	04/11/18	8.3	8.4	6.5-9.0	0		--	--	L
pH, laboratory, in standard units	1996-1997	6	0	7.8	8.0	8.3	09/19/97	7.8	8.3	6.5-9.0	0		--	--	L
Specific conductance, laboratory, in microsiemens per centimeter	1991-2017	128	0	305	932	1,240	09/24/93	582	1,100	--	--	.	--	1.0	--
Specific conductance, laboratory, in microsiemens per centimeter	2018-2019	23	0	401	957	1,080	05/10/18	547	1,050	--	--	.	--	1.0	--
Specific conductance, in microsiemens per centimeter	1990-2017	553	0	366	1,030	1,400	10/25/89	813	1,150	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2018-2019	55	0	420	1,006	1,448	03/07/19	921	1,059	--	--	.	--	--	--
Temperature, water, degrees Celsius	1990-2017	561	0	0.0	15.5	32.5	07/16/91	6.0	24.0	--	--	--	--	--	--
Temperature, water, degrees Celsius	2018-2019	65	0	3.2	16.9	31.0	07/19/18	7.2	24.1	--	--	--	--	--	--
Temperature, water, degrees Celsius March-November	1990-2017	447	0	0.0	18.0	32.5	07/16/91	10.1	25.0	28.6	10	--	--	--	L
Temperature, water, degrees Celsius March-November	2018-2019	55	0	3.2	18.4	31.0	07/19/18	11.1	26.4	28.6	4	--	--	--	L
Temperature, water, degrees Celsius December-February	1990-2017	114	0	0.0	5.0	12.5	02/25/09	1.5	8.2	14.3	0	--	--	--	L
Temperature, water, degrees Celsius December-February	2018-2019	10	0	3.6	6.1	9.1	12/01/17	3.9	8.0	14.3	0	--	--	--	L
Turbidity, water, unfiltered, monochrome near infra-red in nephelometric turbidity units	2011-2017	82	0	15.8	71.8	1,131	07/15/13	40.0	144	--	--	.	--	--	--
Turbidity, water, unfiltered, monochrome near infra-red in nephelometric turbidity units	2018-2019	24	0	17.5	44.2	172	06/06/19	26.7	75.2	--	--	.	--	--	--
Biochemical oxygen demand, unfiltered, 5 days at 20 degrees Celsius, in milligrams per liter	1991-2008	73	11	0 *	4.3	28.0	03/08/91	0.070	8.4	--	--	.	--	--	--
Dissolved solids dried at 180 degrees C, in milligrams per liter	2010-2015	42	0	245	687	813	04/23/12	630	740	--	--	.	--	20.0	--
Dissolved solids, sum of constituents, in milligrams per liter	2010-2011	4	0	623	NC	688	09/06/11	NC	NC	--	--	.	--	--	--
Hardness, in milligrams per liter	1991-2017	98	0	111	313	382	09/24/93	261	344	--	--	.	--	--	--
Hardness, in milligrams per liter	2018-2019	24	0	222	311	339	04/11/18	297	327	--	--	.	--	--	--
Suspended solids, in milligrams per liter	1991-2015	29	0	44.0	160	7,912	10/09/14	85.0	428	--	--	.	--	15.0	--
Calcium, in milligrams per liter	1991-2017	98	0	30.4	83.6	103	06/25/01	68.1	91.7	--	--	.	--	0.022	--
Calcium, in milligrams per liter	2018-2019	24	0	59.0	82.0	87.4	04/11/18	78.8	86.9	--	--	.	--	0.022	--
Magnesium, in milligrams per liter	1991-2017	98	0	8.5	25.5	32.0	09/24/93	20.9	28.4	--	--	.	--	0.011	--
Magnesium, in milligrams per liter	2018-2019	24	0	18.2	25.9	29.2	04/11/18	24.0	27.3	--	--	.	--	0.010	--
Potassium, in milligrams per liter	2010-2015	5	0	5.5	NC	7.2	08/01/11	NC	NC	--	--	.	--	0.030	--
Sodium, in milligrams per liter	2010-2015	6	0	33.7	101	106	06/28/11	36.8	106	--	--	.	--	0.060	--
Acid neutralizing capacity, in milligrams per liter	1991-2011	32	0	109	168	205	09/24/93	147	192	--	--	.	--	4.0	--
Alkalinity, in milligrams per liter	2017	1	0	158	NC	158	07/06/17	NC	NC	--	--	.	--	4.0	--
Alkalinity, in milligrams per liter	2018	3	0	147	NC	169	05/09/18	NC	NC	--	--	.	--	4.0	--

Table 38. Summary of measured constituents and properties for Fountain Creek near Pinon, Co., station 07106300

[--, 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
Alkalinity, inflection-point titration, in milligrams per liter	2013-2017	15	0	74.0	153	177	05/15/13	120	174	--	--	.	--	--	--
Alkalinity, inflection-point titration, in milligrams per liter	2018-2019	5	0	142	NC	160	10/16/18	NC	NC	--	--	.	--	--	--
Bicarbonate, in milligrams per liter	2013-2017	15	0	89.7	185	216	05/15/13	144	212	--	--	.	--	--	--
Bicarbonate, in milligrams per liter	2018-2019	5	0	171	NC	194	10/16/18	NC	NC	--	--	.	--	--	--
Carbonate, in milligrams per liter	2015-2017	9	0	0.20	1.2	1.8	07/11/16	0.30	1.8	--	--	.	--	--	--
Carbonate, in milligrams per liter	2018-2019	5	0	0.60	NC	1.8	07/03/18	NC	NC	--	--	.	--	--	--
Chloride, in milligrams per liter	1991-2015	37	0	20.0	52.0	96.0	12/13/91	39.1	68.2	250	0	.	--	0.020	L
Fluoride, in milligrams per liter	1991-2013	106	0	0.71	1.8	2.4	09/06/91	1.6	2.0	--	--	.	--	0.040	--
Silica, in milligrams per liter	2011	1	0	14.7	NC	14.7	09/06/11	NC	NC	--	--	.	--	0.11	--
Sulfate, in milligrams per liter	1991-2015	107	0	86.0	260	380	06/24/02	211	299	250	62	.	--	0.020	H
Ammonia plus organic nitrogen, unfiltered, in milligrams per liter	1991-1997	28	0	0.300	1.05	3.70	03/08/91	0.500	1.87	--	--	--	--	--	--
Ammonia nitrogen, in milligrams per liter	1993-2015	94	31	0 *	0.013	0.790	12/30/94	0 *	0.053	1.39	0	3.51	0	0.010	L
Ammonia, unfiltered, in milligrams per liter	1991-2017	91	33	0 *	0.025	1.70	03/08/91	0 *	0.079	--	--	--	--	0.020	--
Ammonia, unfiltered, in milligrams per liter	2018-2019	24	19	0 *	0 *	0.168	12/10/18	0 *	0.058	--	--	--	--	0.020	--
Nitrite plus nitrate, in milligrams per liter	1993-2015	96	0	0.842	2.87	7.80	03/24/95	1.67	4.17	--	--	10.0	0	0.040	--
Nitrate plus nitrite, unfiltered, in milligrams per liter	1991-1993	9	0	3.10	4.90	6.10	03/27/92	3.15	5.95	--	--	--	--	--	--
Nitrate, in milligrams per liter	1993-1997	19	0	0.842	4.29	7.73	03/24/95	3.04	6.73	--	--	10.0	0	--	--
Nitrite nitrogen, in milligrams per liter	1993-1997	19	9	0 *	0.010	0.090	12/30/94	0 *	0.070	--	--	0.50	0	--	--
Nitrite, unfiltered, in milligrams per liter	1991-1993	9	0	0.020	0.060	0.110	12/14/90	0.020	0.110	--	--	--	--	--	--
Orthophosphate, in milligrams per liter	1993-2015	90	0	0.067	0.333	1.50	03/26/93	0.200	0.686	--	--	--	--	0.0040	--
Orthophosphate, unfiltered, in milligrams per liter	1991-1993	9	0	0.760	1.30	1.80	03/08/91	0.835	1.70	--	--	--	--	--	--
Phosphorus, unfiltered, in milligrams per liter	1999-2017	128	0	0.204	0.640	13.1	10/09/14	0.443	1.27	--	--	--	--	0.0040	--
Phosphorus, unfiltered, in milligrams per liter	2018-2019	24	0	0.267	0.496	1.31	03/07/19	0.388	0.726	--	--	--	--	0.0040	--
Total nitrogen, unfiltered, in milligrams per liter	2011-2017	69	0	1.35	4.10	23.3	07/15/13	3.18	5.71	--	--	--	--	0.050	--
Total nitrogen, unfiltered, in milligrams per liter	2018-2019	24	0	2.60	4.43	6.72	02/07/19	3.33	6.33	--	--	--	--	0.050	--
<i>Escherichia coli</i> , Defined Substrate Technology, in colonies per 100 milliliters	2008-2017	136	0	2	83	41,000	10/09/14	--	105 **	126	53	--	--	1	L
<i>Escherichia coli</i> , Defined Substrate Technology, in colonies per 100 milliliters	2018-2019	49	2	1	46	28,000	07/24/18	--	56 **	126	14	--	--	1	L
<i>Escherichia coli</i> , in colonies per 100 milliliters	2001-2008	35	1	1	120	12,000	05/23/06	--	115 **	126	16	--	--	1	L
Fecal coliform, M-FC MF, in colonies per 100 milliliters	1991-2008	77	1	0 *	180	14,000	10/23/00	39	1,021	--	--	--	--	--	--
Fecal streptococci, in colonies per 100 milliliters	1991-2000	38	0	10	195	2,400	09/06/91	47	596	--	--	--	--	--	--
Total coliform, Defined Substrate Technology, in colonies per 100 milliliters	2008-2017	136	0	210	2,400	650,000	08/29/16	730	24,000	--	--	--	--	--	--
Total coliform, Defined Substrate Technology, in colonies per 100 milliliters	2018-2019	49	0	440	2,400	240,000	07/24/18	935	14,500	--	--	--	--	--	--
Aluminum, in micrograms per liter	1998-2015	16	0	4.4	7.9	74.4	10/09/14	5.8	13.1	1,438	0	10,071	0	3.0	L
Aluminum, unfiltered, in micrograms per liter	1999-2015	11	0	1,360	3,290	56,140	10/09/14	2,064	17,676	1,438	10	10,071	1	3.8	H
Cadmium, in micrograms per liter	1991-2017	90	36	0 *	0.085	0.23	02/13/14	0 *	0.13	1.7	0	8.3	0	0.030	L

Table 38. Summary of measured constituents and properties for Fountain Creek near Pinon, Co., station 07106300

[--, 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
Cadmium, in micrograms per liter	2018-2019	24	8	0 *	0.078	0.14	01/10/18	0 *	0.12	1.7	0	8.3	0	0.030	L
Cadmium, unfiltered, in micrograms per liter	1991-2003	57	28	0 *	0.18	3.2	08/06/01	0 *	0.41	--	--	.	--	--	--
Chromium(VI), in micrograms per liter	1991-1997	28	27	0 *	0 *	2.00	12/30/94	0 *	0 *	11.0	0	16.0	0	--	L
Chromium, in micrograms per liter	1991-2015	63	44	0 *	0 *	3.9	10/23/00	0 *	2.0	195	0	.	--	0.30	L
Chromium, unfiltered, in micrograms per liter	1991-2017	87	2	0 *	3.2	25.5	08/06/01	1.5	6.6	--	--	.	--	0.50	--
Chromium, unfiltered, in micrograms per liter	2018-2019	24	0	0.97	1.8	8.8	06/06/19	1.2	3.3	--	--	.	--	0.50	--
Copper, in micrograms per liter	1991-2017	90	0	0.90	2.3	8.5	06/24/02	1.8	3.4	24.6	0	41.0	0	0.20	L
Copper, in micrograms per liter	2018-2019	24	2	0 *	2.3	2.9	03/07/19	2.0	2.5	24.6	0	41.0	0	0.40	L
Copper, unfiltered, in micrograms per liter	1991-2017	92	0	2.0	9.0	124	10/09/14	4.9	15.3	--	--	.	--	0.20	--
Copper, unfiltered, in micrograms per liter	2018-2019	24	0	3.2	5.1	19.2	03/07/19	3.9	8.2	--	--	.	--	0.40	--
Iron, in micrograms per liter	1991-2003	57	30	0 *	0 *	361	06/25/01	0 *	21.3	300	1	.	--	--	L
Iron, unfiltered, in micrograms per liter	1991-2017	92	0	808	3,982	115,200	10/09/14	2,249	9,658	1,000	91	.	--	10.0	H
Iron, unfiltered, in micrograms per liter	2018-2019	24	0	1,003	2,542	10,570	06/06/19	1,375	4,509	1,000	24	.	--	5.0	H
Lead, in micrograms per liter	1991-2017	91	36	0 *	0.060	3.3	02/13/14	0 *	0.27	8.9	0	228	0	0.020	L
Lead, in micrograms per liter	2018-2019	24	6	0 *	0.072	0.15	01/10/18	0 *	0.13	8.9	0	228	0	0.020	L
Lead, unfiltered, in micrograms per liter	1991-2015	60	0	2.6	7.6	537	08/06/01	4.8	20.8	--	--	50.0	3	0.040	--
Manganese, in micrograms per liter	1991-2017	135	3	0 *	4.0	133	02/13/14	2.2	10.0	50.0	1	.	--	0.40	L
Manganese, in micrograms per liter	2018-2019	24	0	1.6	2.9	6.1	09/12/19	2.0	3.6	50.0	0	.	--	0.40	L
Manganese, unfiltered, in micrograms per liter	1991-2015	102	0	18.2	177	4,788	04/12/12	85.6	426	--	--	.	--	0.40	--
Mercury, in micrograms per liter	1998-2015	25	25	0 *	0 *	0 *	04/01/98	0 *	0 *	--	25	.	--	0.0050	--
Mercury, unfiltered, in micrograms per liter	1998-2015	20	11	0 *	0 *	0.31	08/06/01	0 *	0.028	0.010	9	.	--	0.0050	L
Nickel, in micrograms per liter	1991-2017	92	0	1.3	3.2	14.0	08/20/98	2.1	6.7	141	0	1,274	0	0.20	L
Nickel, in micrograms per liter	2018-2019	24	0	2.0	2.8	3.6	09/12/19	2.4	3.3	141	0	1,274	0	0.20	L
Nickel, unfiltered, in micrograms per liter	1991-2017	93	0	4.1	7.1	96.7	10/09/14	5.0	13.3	100	0	.	--	0.20	L
Nickel, unfiltered, in micrograms per liter	2018-2019	24	0	3.9	4.8	11.1	03/07/19	4.1	6.5	100	0	.	--	0.20	L
Silver, in micrograms per liter	1998-2003	30	30	0 *	0 *	0 *	04/01/98	0 *	0 *	2.4	0	15.5	0	--	L
Silver, unfiltered, in micrograms per liter	1998-2003	30	17	0 *	0 *	3.4	08/06/01	0 *	0.25	--	--	.	--	--	--
Zinc, in micrograms per liter	1991-2017	92	5	0 *	10.0	30.3	02/13/14	4.1	16.4	355	0	469	0	2.0	L
Zinc, in micrograms per liter	2018-2019	24	6	0 *	9.0	18.0	12/10/18	0 *	17.3	355	0	469	0	2.0	L
Zinc, unfiltered, in micrograms per liter	1991-2015	60	0	16.0	46.0	626	10/09/14	30.0	81.1	--	--	.	--	2.0	--
Arsenic, in micrograms per liter	1998-2017	64	0	1.0	1.9	3.7	08/20/98	1.2	2.7	--	--	340	0	0.050	--
Arsenic, in micrograms per liter	2018-2019	24	0	0.86	1.3	1.8	09/11/18	0.94	1.7	--	--	340	0	0.10	--
Arsenic, unfiltered in micrograms per liter	1998-2017	65	0	2.2	3.9	52.6	08/06/01	2.8	7.3	10.0	4	.	--	0.050	L
Arsenic, unfiltered in micrograms per liter	2018-2019	24	0	2.1	2.5	5.9	03/07/19	2.2	3.5	10.0	0	.	--	0.10	L
Boron, in micrograms per liter	1998-2015	35	0	58.9	201	252	08/19/02	134	229	0.75	35	.	--	5.0	H
Boron, unfiltered, in micrograms per liter	1998-2015	32	0	80.2	208	249	08/19/02	129	230	0.75	32	.	--	5.0	H

Table 38. Summary of measured constituents and properties for Fountain Creek near Pinon, Co., station 07106300

[--, 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
Cyanide, unfiltered, in milligrams per liter	1999-2003	24	23	0 *	0 *	0.010	08/06/01	0 *	0 *	--	--	.	--	--	--
Selenium, in micrograms per liter	1995-2017	161	0	1.8	4.2	10.2	06/19/00	3.2	6.3	4.6	55	18.4	0	0.050	H
Selenium, in micrograms per liter	2018-2019	24	0	2.7	4.1	4.9	03/07/19	3.4	4.8	4.6	7	18.4	0	0.050	H
Selenium, unfiltered, in micrograms per liter	1998-2017	107	0	2.4	4.0	11.6	08/14/00	3.2	8.5	--	--	.	--	0.050	--
Selenium, unfiltered, in micrograms per liter	2018-2019	24	0	3.0	4.4	5.4	03/07/19	3.4	4.9	--	--	.	--	0.050	--
1,4-Dichlorobenzene, unfiltered, in micrograms per liter	2015	1	1	0 *	NC	0 *	10/09/14	NC	NC	--	--	--	--	0.026	--
1,2,4-Trichlorobenzene, unfiltered, in micrograms per liter	2015	1	1	0 *	NC	0 *	10/09/14	NC	NC	--	--	--	--	0.080	--
1,2-Dichlorobenzene, unfiltered, in micrograms per liter	2015	1	1	0 *	NC	0 *	10/09/14	NC	NC	--	--	--	--	0.028	--
1,3-Dichlorobenzene, unfiltered, in micrograms per liter	2015	1	1	0 *	NC	0 *	10/09/14	NC	NC	--	--	--	--	0.024	--
Hexachlorobutadiene, unfiltered, in micrograms per liter	2015	1	1	0 *	NC	0 *	10/09/14	NC	NC	--	--	--	--	0.080	--
Hexachloroethane, unfiltered, in micrograms per liter	2015	1	1	0 *	NC	0 *	10/09/14	NC	NC	--	--	--	--	0.12	--
Naphthalene, unfiltered, in micrograms per liter	2015	1	1	0 *	NC	0 *	10/09/14	NC	NC	--	--	--	--	0.18	--
Organic carbon, in milligrams per liter	2015	1	0	6.5	NC	6.5	10/09/14	NC	NC	--	--	.	--	0.23	--
Uranium (natural), in micrograms per liter	2010-2011	4	0	5.5	NC	5.9	11/23/09	NC	NC	30.0	0	.	--	0.0040	NC
Uranium (natural), unfiltered, in micrograms per liter	2015	1	0	14.3	NC	14.3	10/09/14	NC	NC	--	--	.	--	0.014	--
Suspended sediment, in milligrams per liter	2000-2017	143	0	3	572	11,400	04/12/12	122	4,570	--	--	--	--	1.0	--
Suspended sediment, in milligrams per liter	2018-2019	30	0	44	195	7,810	07/23/18	85	5,018	--	--	--	--	1.0	--