

Table 6. Summary of measured constituents and properties for Uncompahgre River at Colona, CO, station 09147500

[--, 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; see Definition of Terms for explanation of standards, exceedances, and concern levels for dissolved oxygen, 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	1994-2017	148	0	38.0	168	1,350	06/16/95	61.2	527	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2018-2019	8	0	15.8	54.4	531	07/23/19	24.5	388	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	2010-2017	38	0	7.7	9.6	11.6	02/03/11	8.5	11.1	6.0	0	--	--	--	L
Dissolved oxygen, in milligrams per liter	2018-2019	8	0	8.6	10.2	11.8	12/04/18	8.6	11.5	6.0	0	--	--	--	L
pH, in standard units	1995-2017	54	0	7.4	8.3	8.8	03/03/14	8.0	8.4	6.5-9.0	0		--	--	L
pH, in standard units	2018-2019	8	0	8.1	8.3	8.4	10/10/17	8.1	8.4	6.5-9.0	0		--	--	L
pH, laboratory, in standard units	1995-1996	15	0	7.7	8.0	8.3	02/15/95	7.9	8.2	6.5-9.0	0		--	--	L
Specific conductance, laboratory, in microsiemens per centimeter	1995-2013	16	0	309	510	693	01/19/95	340	683	--	--	.	--	5.0	--
Specific conductance, in microsiemens per centimeter	1994-2017	148	0	258	562	765	02/19/13	428	644	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2018-2019	8	0	363	638	763	03/11/19	405	738	--	--	.	--	--	--
Temperature, water, degrees Celsius	1994-2017	148	0	0.0	9.0	18.2	09/15/04	3.4	14.5	--	--	--	--	--	--
Temperature, water, degrees Celsius	2018-2019	8	0	0.8	6.3	13.7	07/23/19	1.5	13.7	--	--	--	--	--	--
Temperature, water, degrees Celsius April 1-Nov 15	1994-2017	93	0	3.0	11.3	18.2	09/15/04	8.4	15.5	23.9	0	--	--	--	L
Temperature, water, degrees Celsius April 1-Nov 15	2018-2019	5	0	6.1	NC	13.7	07/23/19	NC	NC	23.9	0	--	--	--	NC
Temperature, water, degrees Celsius Nov 16-March 31	1994-2017	55	0	0.0	4.1	9.5	03/13/95	0.2	7.9	13.0	0	--	--	--	L
Temperature, water, degrees Celsius Nov 16-March 31	2018-2019	3	0	0.8	NC	3.7	02/05/18	NC	NC	13.0	0	--	--	--	NC
Turbidity, in nephelometric turbidity ratio-units	2013-2017	19	4	0 *	2.7	59.5	05/23/13	0 *	28.1	--	--	--	--	2.0	--
Turbidity, in nephelometric turbidity ratio-units	2018-2019	8	1	0 *	3.7	25.4	04/16/18	0.9	21.7	--	--	--	--	2.0	--
Dissolved solids, sum of constituents, in milligrams per liter	1995-2017	53	0	190	342	519	02/19/13	263	425	--	--	.	--	--	--
Dissolved solids, sum of constituents, in milligrams per liter	2018-2019	8	0	233	426	507	03/11/19	263	493	--	--	.	--	--	--
Hardness, in milligrams per liter	1995-2017	53	0	131	239	359	02/19/13	183	297	--	--	.	--	--	--
Hardness, in milligrams per liter	2018-2019	8	0	165	297	346	03/11/19	185	338	--	--	.	--	--	--
Calcium, in milligrams per liter	1995-2017	53	0	42.0	76.0	115	02/19/13	59.7	94.0	--	--	.	--	0.022	--
Calcium, in milligrams per liter	2018-2019	8	0	54.0	93.5	107	03/11/19	59.1	106	--	--	.	--	0.022	--
Magnesium, in milligrams per liter	1995-2017	53	0	6.3	12.3	17.7	02/19/13	8.2	15.3	--	--	.	--	0.011	--
Magnesium, in milligrams per liter	2018-2019	8	0	7.3	14.9	18.9	03/11/19	9.1	18.0	--	--	.	--	0.011	--
Potassium, in milligrams per liter	1995-2017	53	0	1.2	1.9	2.6	02/19/13	1.5	2.2	--	--	.	--	0.10	--
Potassium, in milligrams per liter	2018-2019	8	0	1.3	2.2	2.6	03/11/19	1.6	2.6	--	--	.	--	0.30	--
Sodium, in milligrams per liter	1995-2017	53	0	7.5	17.1	26.2	02/19/13	11.5	21.9	--	--	.	--	0.10	--
Sodium, in milligrams per liter	2018-2019	8	0	9.9	22.0	26.5	03/11/19	12.4	25.8	--	--	.	--	0.40	--
Acid neutralizing capacity, in milligrams per liter	1995-1996	15	0	69.0	107	138	12/19/94	74.0	132	--	--	.	--	--	--
Alkalinity, in milligrams per liter	2016	1	0	112	NC	112	03/22/16	NC	NC	--	--	.	--	4.0	--
Alkalinity, inflection-point titration, in milligrams per liter	2010-2017	38	0	76.2	107	140	02/19/13	86.5	123	--	--	.	--	--	--
Alkalinity, inflection-point titration, in milligrams per liter	2018-2019	8	0	73.6	122	136	03/11/19	86.7	136	--	--	.	--	--	--
Bicarbonate, in milligrams per liter	2010-2017	38	0	91.8	128	169	02/19/13	104	148	--	--	.	--	--	--
Bicarbonate, in milligrams per liter	2018-2019	8	0	88.3	146	163	03/11/19	104	163	--	--	.	--	--	--

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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
Carbonate, in milligrams per liter	2010-2017	38	0	0.30	1.0	3.6	03/03/14	0.60	1.7	--	--	.	--	--	--
Carbonate, in milligrams per liter	2018-2019	8	0	0.70	1.3	1.4	10/10/17	0.81	1.4	--	--	.	--	--	--
Chloride, in milligrams per liter	1995-2017	53	0	1.5	3.9	6.7	02/19/13	2.6	4.8	250	0	.	--	0.020	L
Chloride, in milligrams per liter	2018-2019	8	0	2.8	5.3	7.2	03/11/19	3.0	6.9	250	0	.	--	0.020	L
Fluoride in milligrams per liter	1995-2017	53	0	0.20	0.34	0.43	03/29/11	0.28	0.40	2.0	0	.	--	0.010	L
Fluoride in milligrams per liter	2018-2019	8	0	0.27	0.35	0.42	12/04/18	0.27	0.41	2.0	0	.	--	0.010	L
Silica, in milligrams per liter	1995-2017	53	0	7.4	9.7	13.3	05/18/15	8.2	11.0	--	--	.	--	0.018	--
Silica, in milligrams per liter	2018-2019	8	0	9.3	9.8	12.9	04/16/18	9.4	12.1	--	--	.	--	0.050	--
Sulfate, in milligrams per liter	1995-2017	53	0	77.0	160	257	02/19/13	118	211	250	1	.	--	0.020	M
Sulfate, in milligrams per liter	2018-2019	8	0	103	198	253	03/11/19	114	243	250	1	.	--	0.020	M
Ammonia plus organic nitrogen (total), in milligrams per liter as N	2012-2017	22	0	0.080	0.127	0.268	03/22/16	0.097	0.230	--	--	--	--	0.070	--
Ammonia plus organic nitrogen (total), in milligrams per liter as N	2018-2019	8	0	0.071	0.134	0.237	04/16/18	0.079	0.216	--	--	--	--	0.070	--
Ammonia, in milligrams per liter as N	2012-2017	22	19	0 *	0 *	0.016	06/09/14	0 *	0.006	1.62	0	3.47	0	0.010	L
Ammonia, in milligrams per liter as N	2018-2019	8	7	0 *	0 *	0.010	03/11/19	0 *	0.007	1.66	0	3.50	0	0.010	L
Nitrite plus nitrate in milligrams per liter as N	1995-2017	23	1	0 *	0.073	0.140	01/19/95	0.040	0.120	--	--	10.0	0	0.010	--
Nitrite plus nitrate in milligrams per liter as N	2018-2019	8	1	0 *	0.060	0.084	07/23/19	0.007	0.084	--	--	10.0	0	0.040	--
Nitrite, in milligrams per liter as N	2012-2017	22	13	0 *	0 *	0.004	07/18/16	0 *	0.002	--	--	0.05	0	0.0010	--
Nitrite, in milligrams per liter as N	2018-2019	8	3	0 *	0.001	0.002	03/11/19	0 *	0.002	--	--	0.05	0	0.0010	--
Orthophosphate, in milligrams per liter as P	2012-2017	22	16	0 *	0 *	0.015	05/15/17	0 *	0.012	--	--	--	--	0.0040	--
Orthophosphate, in milligrams per liter as P	2018-2019	8	6	0 *	0 *	0.006	03/11/19	0 *	0.006	--	--	--	--	0.0040	--
Phosphorus (total), in milligrams per liter as P	2012-2017	22	0	0.005	0.014	0.455	06/13/16	0.007	0.234	--	--	--	--	0.0040	--
Phosphorus (total), in milligrams per liter as P	2018-2019	8	0	0.005	0.014	0.054	04/16/18	0.006	0.044	--	--	--	--	0.0040	--
Selenium, in micrograms per liter	1995-2017	54	9	0 *	0.71	1.4	05/23/13	0 *	1.0	4.6	0	18.4	0	0.050	L
Selenium, in micrograms per liter	2018-2019	8	0	0.44	0.79	1.5	03/11/19	0.45	1.5	4.6	0	18.4	0	0.050	L
Selenium (total), in micrograms per liter	2013	1	0	0.71	NC	0.71	07/15/13	NC	NC	--	--	.	--	0.050	--
Suspended sediment, in milligrams per liter	2013-2017	19	0	2	6	304	06/09/14	3	234	--	--	--	--	1.0	--
Suspended sediment, in milligrams per liter	2018-2019	8	0	2	10	41	04/16/18	3	31	--	--	--	--	1.0	--