

# CLIMAX MOLYBDENUM WATER QUALITY MONITORING



Map data ©2019 Google

## KEY

- Drinking water sample of total recoverable molybdenum in micrograms (µg) per liter.
- Surface water sample of total recoverable molybdenum in micrograms (µg) per liter.

Maps display the most recent sampling data for each testing location.



# Climax Molybdenum Historical Water Quality Monitoring Data

## Tenmile Creek - Total Recoverable Molybdenum (µg/L)

Sample Date	Copper Mtn	Copper Mtn Bike Path	Frisco (3rd Ave)	Blue River @ Dillon Dam	Outfall 001A Sample Date	Outfall 001A Result
01/03/2013	740	650	190	30	—	—
01/10/2013	900	790	250	30	—	—
01/16/2013	950	930	240	40	—	—
01/24/2013	820	730	220	40	—	—
01/31/2013	710	670	200	30	—	—
02/07/2013	590	530	170	40	—	—
02/14/2013	470	420	170	40	—	—
02/21/2013	930	840	250	30	—	—
02/28/2013	790	690	240	30	—	—
03/07/2013	680	590	170	30	—	—
03/14/2013	1520	1400	400	50	—	—
03/21/2013	2000	1950	920	30	—	—
03/28/2013	1520	1490	800	60	—	—
04/04/2013	1270	1240	520	60	—	—
04/11/2013	1050	1040	400	40	4/17/2013	1540
04/18/2013	1080	950	360	50	—	—
04/25/2013	1230	1210	420	60	—	—
05/02/2013	460	280	170	60	5/6/2013	710
05/09/2013	1030	710	330	60	—	—
05/16/2013	760	470	270	70	—	—
05/22/2013	730	600	320	70	—	—
05/30/2013	300	230	130	70	—	—
06/06/2013	270	210	120	60	6/5/2013	370
06/13/2013	40	30	30	60	—	—
06/20/2013	50	30	30	50	—	—
06/27/2013	60	40	40	50	—	—
07/01/2013	70	50	50	50	—	—
07/11/2013	90	70	80	60	7/9/2013	120
07/17/2013	80	60	60	40	—	—
07/25/2013	120	80	80	40	—	—
08/01/2013	100	70	70	40	—	—
08/08/2013	80	60	70	40	—	—
08/15/2013	170	130	100	40	8/12/2013	170
08/22/2013	350	310	100	30	—	—
08/29/2013	350	290	220	40	—	—
09/05/2013	240	190	140	40	9/4/2013	320
09/12/2013	300	250	200	40	—	—
09/19/2013	80	60	80	40	—	—
09/26/2013	170	100	80	40	—	—
10/03/2013	100	90	90	40	—	—
10/10/2013	110	100	80	40	10/9/2013	140
10/17/2013	150	120	80	40	—	—
10/24/2013	150	130	80	40	—	—
10/31/2013	330	260	140	40	—	—
11/07/2013	280	150	120	30	—	—
11/14/2013	240	190	130	40	11/13/2013	470
11/21/2013	220	140	110	30	—	—

Sample Date	Copper Mtn	Copper Mtn Bike Path	Frisco (3rd Ave)	Blue River @ Dillon Dam	Outfall 001A Sample Date	Outfall 001A Result	con't
11/25/2013	220	150	110	30	—	—	
12/05/2013	390	250	150	<20	12/4/2013	610	
12/12/2013	460	330	180	30	—	—	
12/19/2013	660	510	260	20	—	—	
12/26/2013	650	550	300	30	—	—	
01/02/2014	740	600	320	30	—	—	
01/09/2014	770	650	330	30	1/8/2014	960	
01/16/2014	820	740	360	<40	—	—	
01/23/2014	860	770	390	40	—	—	
01/30/2014	1120	1000	500	50	—	—	
02/06/2014	1080	960	460	40	2/5/2014	1350	
02/13/2014	1110	1080	510	60	—	—	
02/20/2014	1190	1130	540	60	—	—	
02/26/2014	1220	1140	550	70	—	—	
03/06/2014	1130	1070	490	60	3/5/2014	1460	
03/12/2014	710	470	270	60	—	—	
03/20/2014	1380	1320	580	60	—	—	
03/27/2014	1720	1610	900	60	—	—	
04/03/2014	1750	1730	1110	60	—	—	
04/10/2014	1980	1930	1150	80	—	—	
04/17/2014	1930	1580	1000	100	4/16/2014	2240	
04/24/2014	1910	970	790	120	—	—	
05/01/2014	1640	1140	810	110	—	—	
05/08/2014	770	360	280	100	—	—	
05/15/2014	560	300	240	90	5/13/2014	840	
05/22/2014	300	120	110	90	—	—	
05/29/2014	150	60	60	60	—	—	
06/05/2014	110	40	50	50	—	—	
06/12/2014	100	40	50	40	6/11/2014	120	
06/19/2014	120	60	60	50	—	—	
06/26/2014	110	50	50	30	—	—	
07/02/2014	80	40	40	30	7/1/2014	120	
07/10/2014	100	50	50	40	—	—	
07/17/2014	50	20	40	30	—	—	
07/24/2014	20	<20	40	30	—	—	
07/31/2014	20	<20	40	30	—	—	
08/07/2014	80	50	60	<20	—	—	
08/14/2014	30	<20	50	<20	—	—	
08/21/2014	40	20	60	<20	8/19/2014	350	
08/28/2014	40	30	60	20	—	—	
09/04/2014	520	360	160	<20	—	—	
09/11/2014	370	250	140	<20	9/8/2014	630	
09/18/2014	500	360	200	<20	—	—	
09/24/2014	480	370	200	20	—	—	
10/02/2014	510	290	190	30	—	—	
10/09/2014	610	450	240	30	—	—	
10/16/2014	720	430	250	<20	10/13/2014	880	
10/23/2014	80	40	90	30	—	—	
10/30/2014	900	810	270	30	—	—	
11/20/2014	1610	1400	580	20	11/12/2014	1360	
12/16/2014	1840	1780	940	40	12/2/2014	2040	

Sample Date	Copper Mtn	Copper Mtn Bike Path	Frisco (3rd Ave)	Blue River @ Dillon Dam	Outfall 001A Sample Date	Outfall 001A Result	con't
01/21/2015	1330	1320	953	31.2	1/7/2015	2230	
02/24/2015	439	397	264	80.6	2/10/2015	518	
03/10/2015	521	492	230	80	3/3/2015	339	
04/28/2015	1140	896	553	67.6	4/8/2015	601	
05/12/2015	1060	811	429	73.4	5/6/2015	525	
06/09/2015	58.9	40.6	36.7	54.3	6/10/2015	66.1	
07/21/2015	55.7	35.3	39	30.7	7/8/2015	47.3	
08/27/2015	129.9	91.3	93.6	38	8/12/2015	164.2	
09/16/2015	121.4	92.5	83.1	33.5	9/2/2015	181.1	
10/26/2015	164.2	111.7	92.3	33.7	10/7/2015	102.7	
11/18/2015	257	132.2	95.7	23.2	11/4/2015	215	
12/21/2015	668	478	257	28	12/2/2015	879	
01/21/2016	689	535	348	40.4	1/11/2016	679	
02/17/2016	794	802	425	53	2/3/2016	703	
No Sample March 2016					3/2/2016	848	
04/12/2016	1330	1140	476.7	59.5	4/6/2016	1360	
05/11/2016	2720	1740	1520	158.5	5/3/2016	3830	
06/15/2016	102.7	45.4	59.6	79.6	6/8/2016	295.7	
07/20/2016	464.6	315.6	188.8	102.3	7/25/2016	458.5	
08/23/2016	570.2	357.7	290.3	53.1	8/23/2016	794.2	
09/22/2016	510	473	372.4	53.2	9/7/2016	915.7	
10/25/2016	652.1	564.4	320.7	47.7	10/12/2016	947.2	
No Sample November 2016				11/8/2016	655.6		
12/20/2016		384	220	43.2	12/7/2016	463	
01/25/2017	Frozen	490	Frozen	53.4	1/16/2017	518	
02/27/2017	408	396	Frozen		2/7/2017	512	
03/29/2017	285	224	134	56.7	3/8/2017	428	
04/26/2017	516	428	245		4/5/2017	371	
No Sample May 2017					5/9/2017	377	
06/01/2017	269	212	114	49.2	6/6/2017	125	
06/27/2017	143	124	66.2	46.4	7/11/2017	53.7	
07/18/2017	91.6	64.1	57.2	32.6	8/1/2017	130	
09/12/2017	192	133	108	38.8	9/12/2017	236	
10/26/2017	219	182	124	37.7	10/3/2017	242	
11/29/2017	983	905	314	31.8	11/1/2017	286	
12/28/2017	Frozen	1160	Frozen	39.8	12/11/2017	1050	
01/30/2018	Frozen	Frozen	1010	64	1/3/2018	1280	
02/27/2018	1640	1540	910	100	2/5/2018	1820	
03/28/2018	1950	1850	857	118	3/7/2018	2290	
04/26/2018	1880	1360	974	120	4/9/2018	2260	
05/31/2018	80	66.6	43.1	56.7	5/2/2018	823	
06/20/2018	77.9	72.3	81	76.9	6/4/2018	68	
07/16/2018	47.1	39.6	71.5	59.8	7/3/2018	137	
08/29/2018	378	338	170	49.1	8/6/2018	405	
09/27/2018	459	404	197	48.9	9/4/2018	465	
10/31/2018	436	382	240	45.6	10/3/2018	1100	
11/27/2018	Frozen	506	210	35.8	11/7/2018	557	
12/27/2018	Frozen	950	Frozen	43	12/4/2018	668	
01/28/2019	Frozen	Frozen	Frozen	58.8	1/14/2019	1100	

## Municipal - Total Recoverable Molybdenum (µg/L)

Sample Date	Breckenridge Recreation Center	Copper Mountain Conference Center	Frisco Nordic Center***	Frisco Wal-Mart***	Keystone Conference Center	Summit County Library - North Branch	Silverthorne Recreation Center	North Fork of South Platte River below Roberts Tunnel Outlet*
01/31/2018	0.47	0.21	0.54	—	0.55	44	—	—
02/26/2018	<0.5	<0.5	<0.5	—	<0.5	40.6	—	3.2
03/29/2018	<0.5	<0.5	<0.5	—	<0.5	40.7	—	80.6
04/30/2018	<0.5	<0.5	<0.5	—	<0.5	29.4	—	90.2
05/31/2018	0.5	<0.5	<0.5	—	<0.5	37.2	—	70
06/20/2018	0.6	<0.5	<0.5	—	<0.5	37	—	56.4
07/25/2018	0.6	<0.5	<0.5	—	<0.5	37.8	—	50.2
08/21/2018	0.5	<0.5	<0.5	—	<0.5	36.1	—	46.7
09/27/2018	0.7	1.2	0.8	—	0.5	29.3	—	45.2
10/31/2018	<0.5	Inaccessible (construction)	<0.5	—	<0.5	30	—	37.6
11/27/2018	0.5	1.1	0.6	—	0	39.7	—	37.4
12/27/2018	0.9	2	—	<0.5	0.7	28	—	Inaccessible
01/28/2019	0.4	<0.2	—	<0.2	0.4	35	40.2	Inaccessible

### Notes:

\* Dates for Roberts Tunnel sampling are different than municipal sampling. The samplings for this site are surface water samplings.

\*\* Samples on 1/31/18 were analyzed by SGS, the remaining samples were analyzed by ACZ. Due to the lab differences, the detection limits were different.

\*\*\* Frisco Wal-Mart was substituted for the Frisco Nordic Center in December 2018 for future samples due to proximity to Tenmile Creek.