

Colorado Dust-on-Snow Program

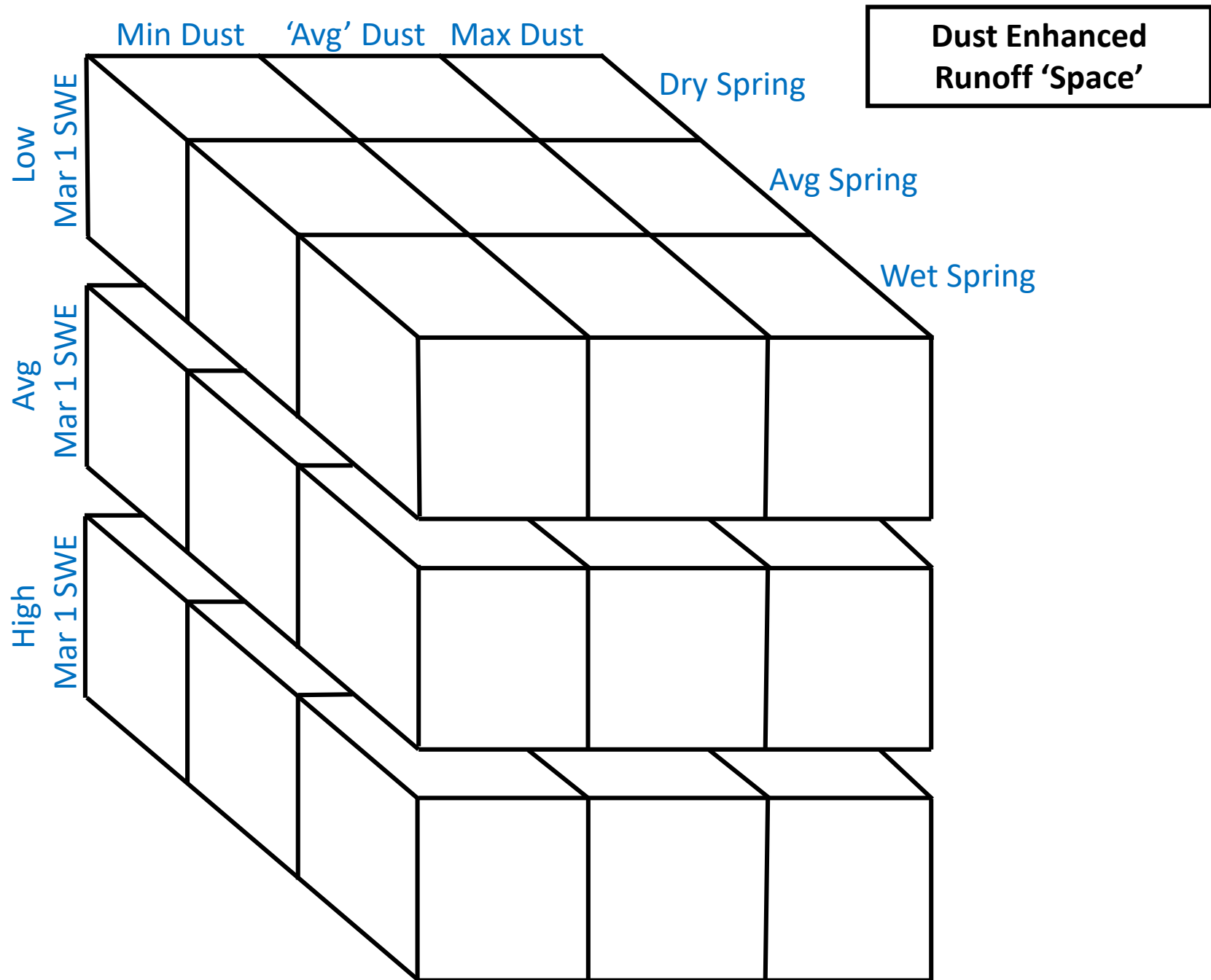
WY 2022 Dust Enhanced Runoff Classification

Grand Mesa Watersheds

as of: March 1, 2022 Update

for:

Mesa Lakes Snotel, Plateau Creek near Cameo and Surface Creek near Cedaredge

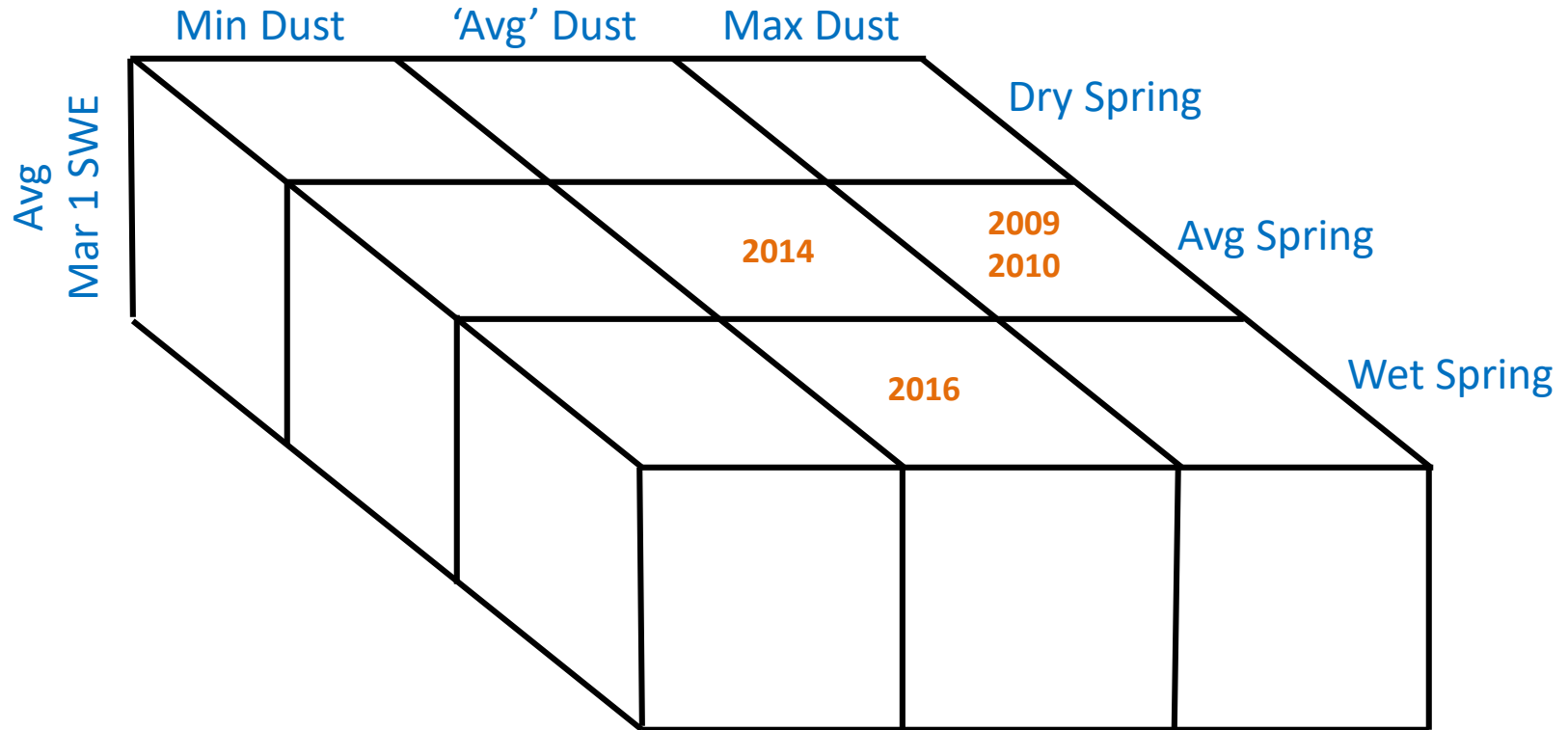


CODOS and Other Selected SNOTEL Sites

Comparison of % 1981-2010 Median March 1 SWE & % 1991-2020 Median March 1 SWE

	Median SWE March 1	Median SWE March 1	Actual SWE March 1	% Median SWE 1981-2010 March 1	% Median SWE 1991-2020 March 1	CODOS Classification Based on
SNOTEL Site	1981-2010	1991-2020	WY 2022	WY 2022	WY 2022	1991-2020
Red Mtn Pass	17.5	17.1	16.4	94%	96%	<i>Average</i>
Stumgullion	10.4	10.6	8.7	84%	82%	<i>Low</i>
Upper San Juan	26.0	23.9	23.3	90%	97%	<i>Average</i>
Wolf Creek Summit	24.9	24.4	29.8	120%	122%	<i>High</i>
Beartown	18.7	16.6	16.1	86%	97%	<i>Average</i>
Lizard Head	12.2	11.8	11.1	91%	94%	<i>Average</i>
Park Cone	8.3	8.2	9.6	116%	117%	<i>High</i>
Schofield Pass	25.2	24.2	30.5	121%	126%	<i>High</i>
McClure Pass	13.5	13.4	11.9	88%	89%	<i>Low</i>
Independence Pass	12.7	13.0	11.0	87%	85%	<i>Low</i>
Hoosier Pass	10.9	11.4	10.1	93%	89%	<i>Low</i>
Grizzly Peak	13.2	13.6	12.3	93%	90%	<i>Average</i>
Berthoud Summit	13.9	13.8	11.9	86%	86%	<i>Low</i>
Willow Creek Pass	9.5	10.6	11.4	120%	108%	<i>Average</i>
Rabbit Ears Pass	19.1	19.6	15.5	81%	79%	<i>Low</i>
Mesa Lakes	12.7	12.3	13.1	103%	107%	<i>Average</i>

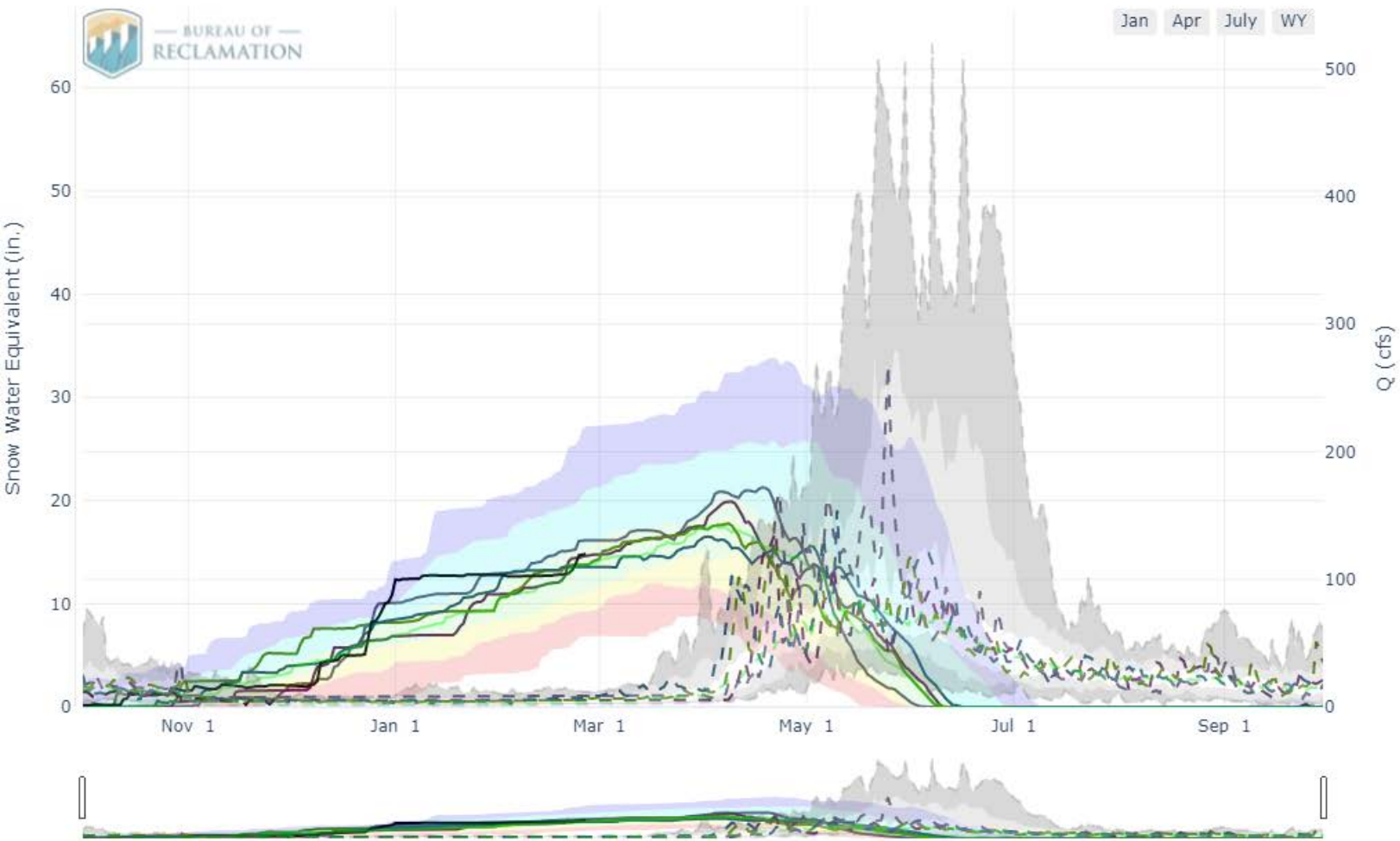
Grand Mesa Watersheds – Mesa Lakes Snotel
WY 2022 = Average March 1 SWE



Snow to Flow Relationship for Surface Ck at Cedaredge



Jan Apr July WY



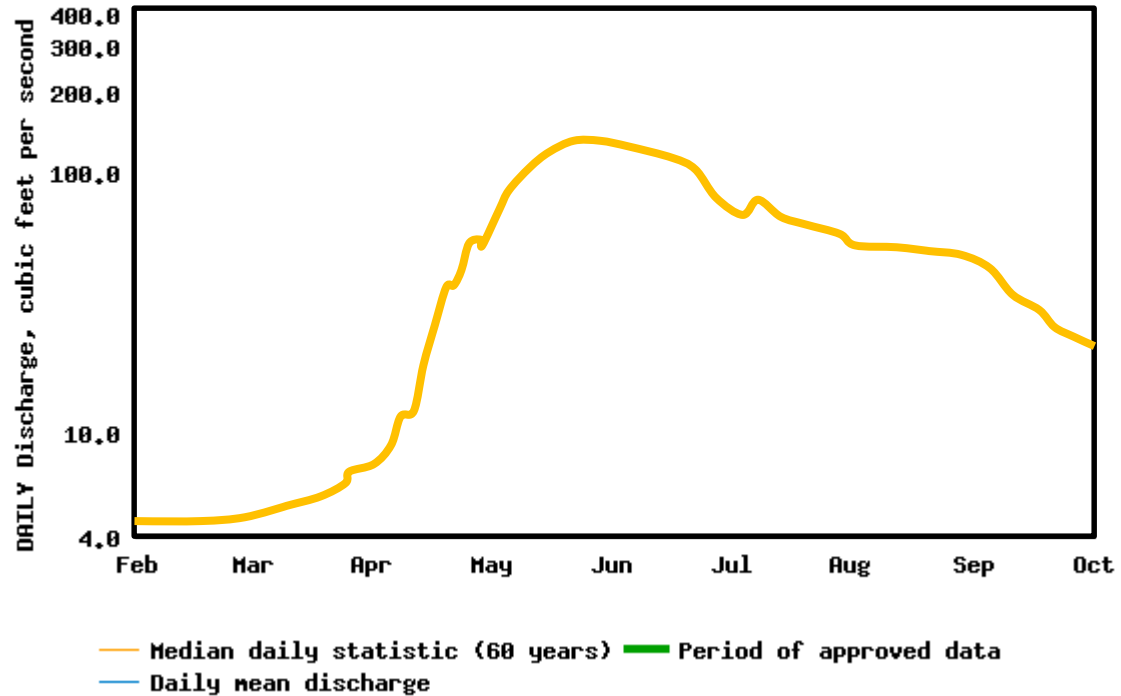
- Station List
- Median
 - Median
 - Q Stats
 - SWE Stats
 - 2022 (4 sites)
 - 2021 (4 sites)
 - 2020 (4 sites)
 - 2019 (4 sites)
 - 2018 (4 sites)
 - 2017 (4 sites)
 - 2016 (4 sites)
 - 2015 (4 sites)
 - 2014 (4 sites)
 - 2013 (4 sites)
 - 2012 (4 sites)
 - 2011 (4 sites)
 - 2010 (4 sites)
 - 2009 (4 sites)
 - 2008 (4 sites)
 - 2007 (4 sites)
 - 2006 (4 sites)
 - 2005 (4 sites)
 - 2004 (4 sites)
 - 2003 (4 sites)
 - 2002 (4 sites)
 - 2001 (4 sites)

Linear Scale
Log Scale

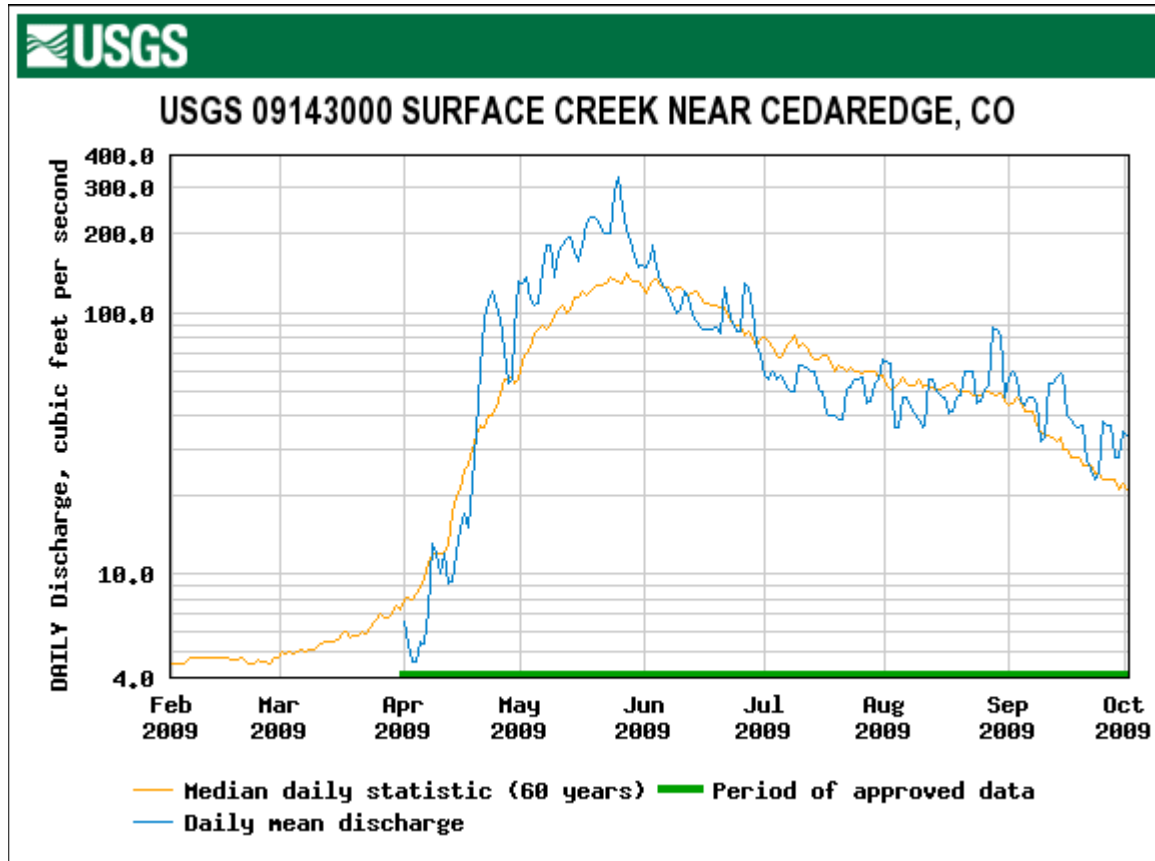
* # of sites does not meet basin threshold. Data from this year will not for use in calculation of statistics
Updated: "Saturday, Feb 26, 2022 @ 04 AM PST"



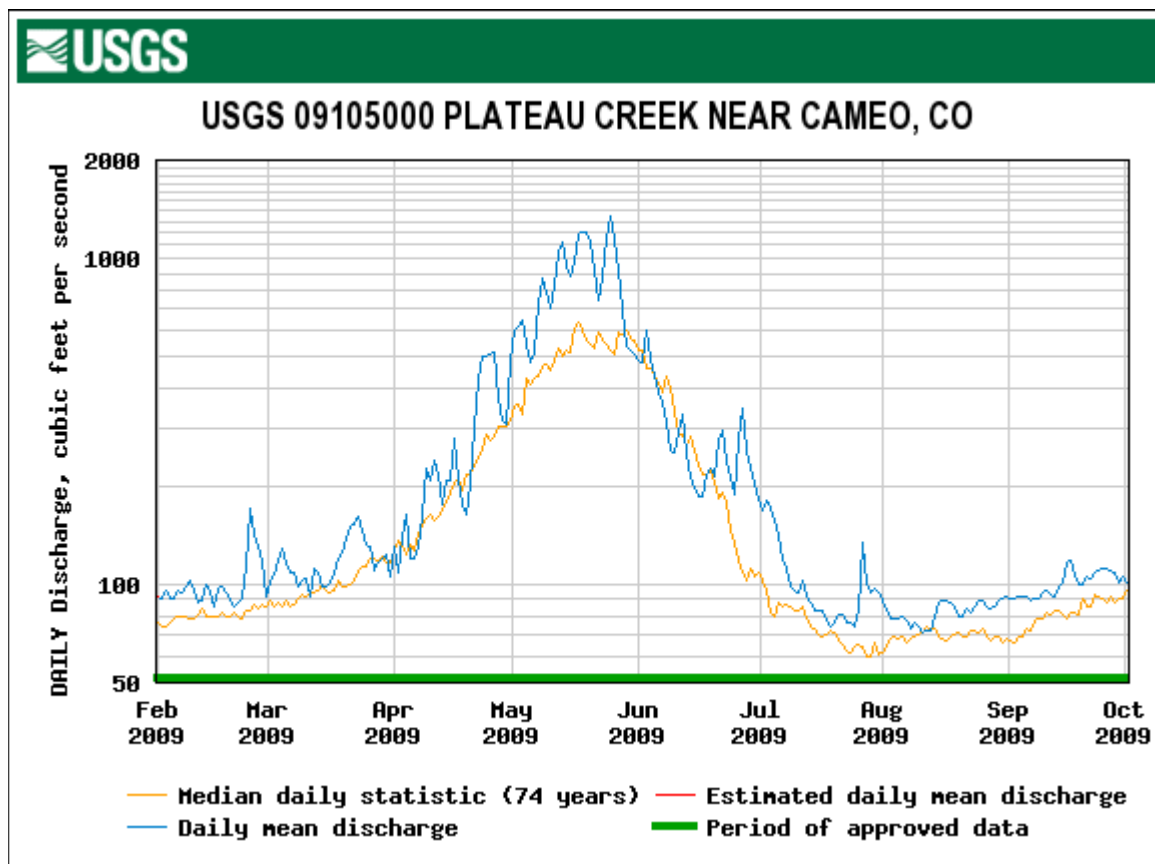
USGS 09143000 SURFACE CREEK NEAR CEDAREEDGE, CO



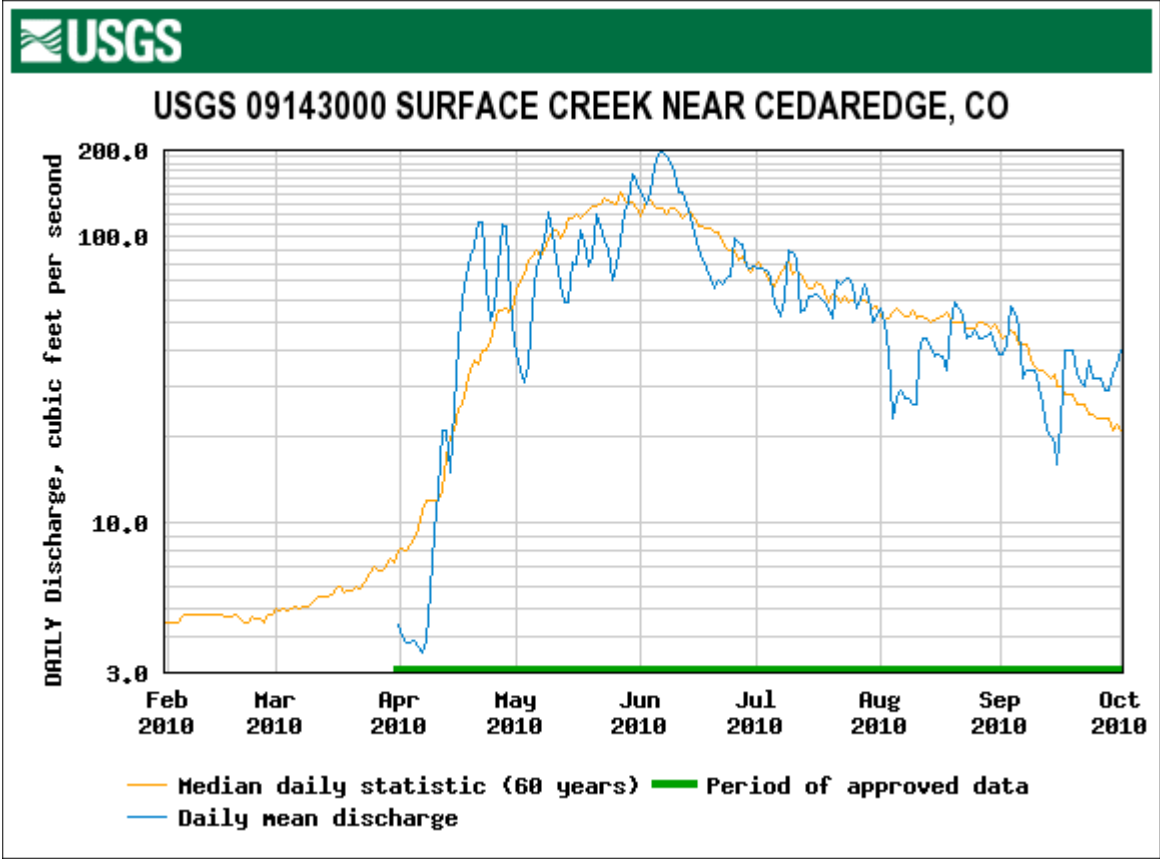
WY 2009: Avg March 1 SWE, Avg Spring, Max Dust



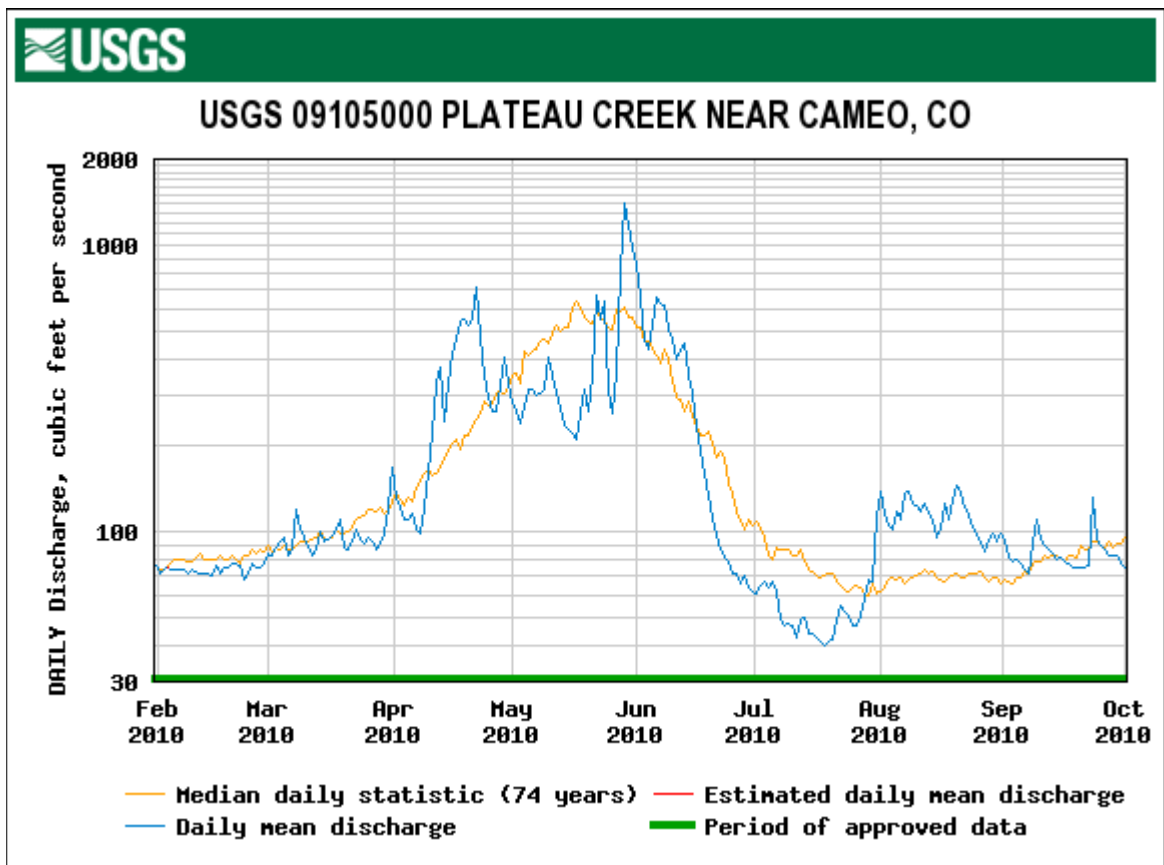
WY 2009: Avg March 1 SWE, Avg Spring, Max Dust



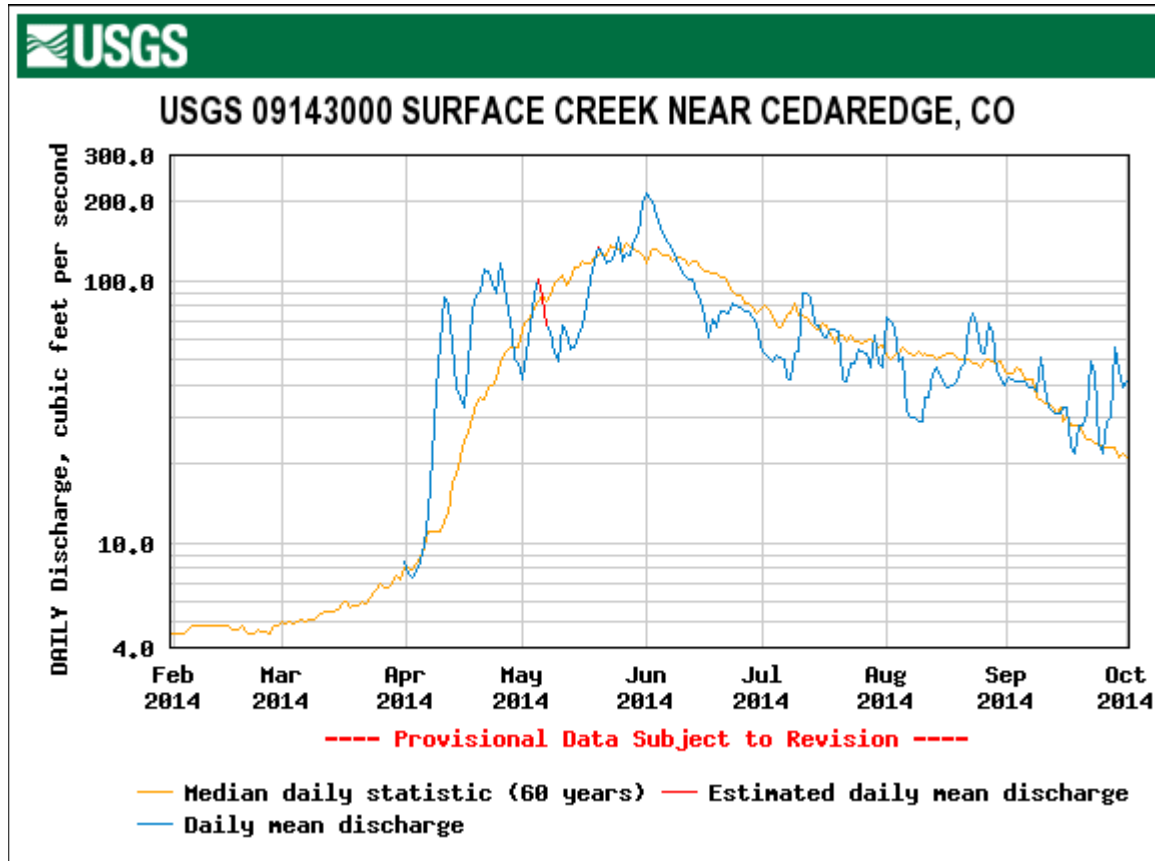
WY 2010: Avg March 1 SWE, Avg Spring, Max- Dust



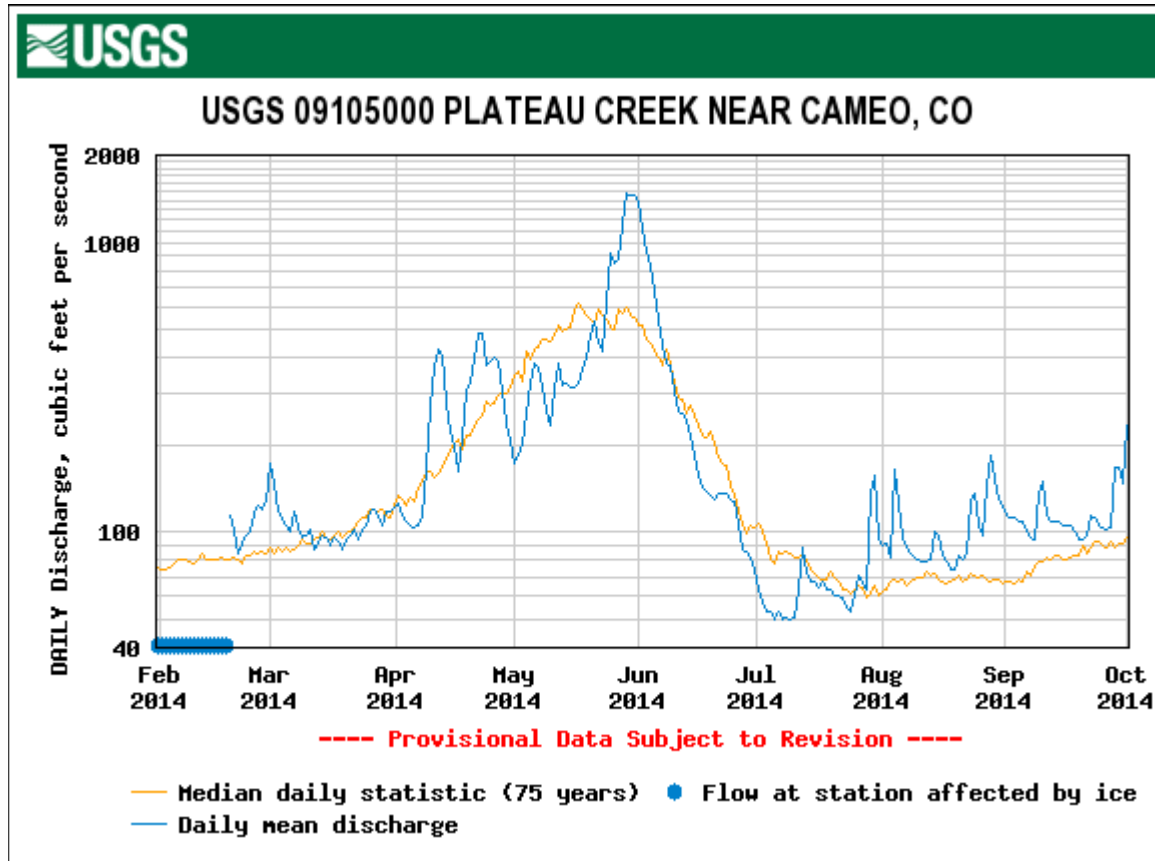
WY 2010: Avg March 1 SWE, Avg Spring, Max- Dust



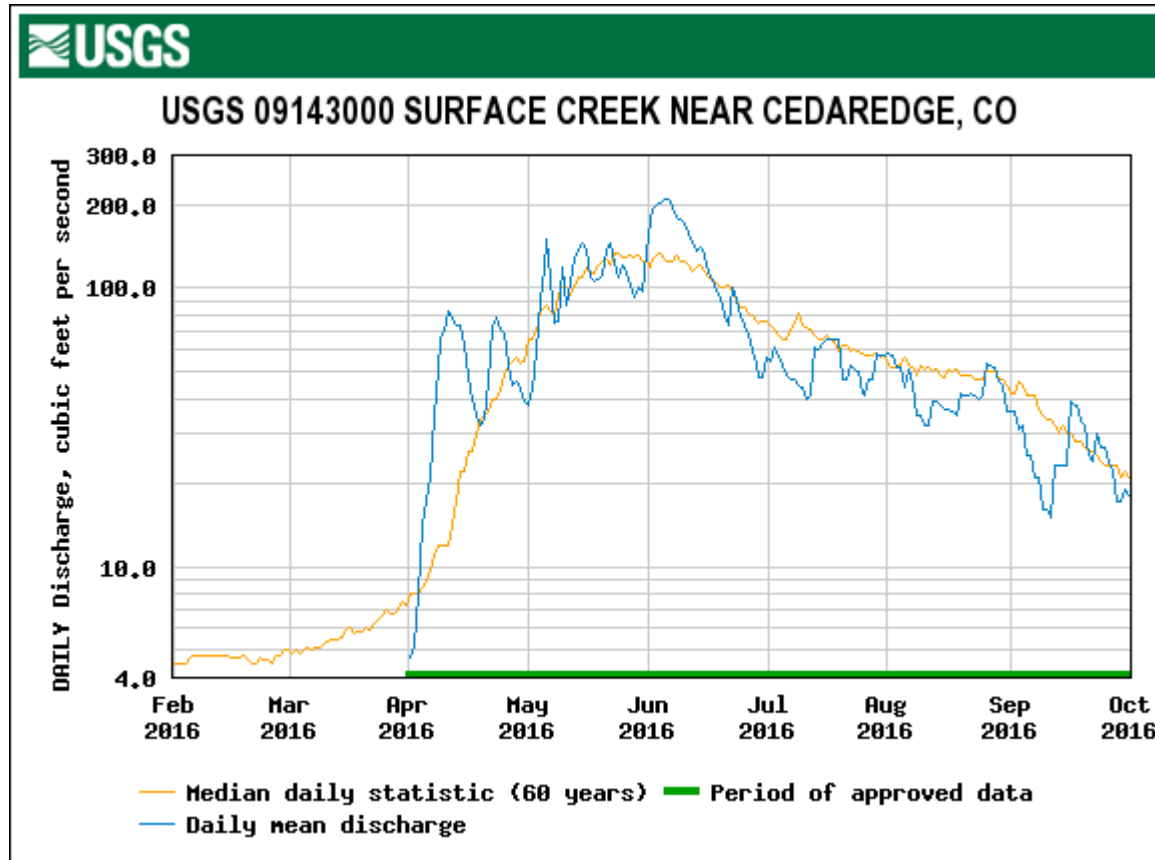
WY 2014: Avg March 1 SWE, Avg Spring, Avg Dust



WY 2014: Avg March 1 SWE, Avg Spring, Avg Dust



WY 2016: Avg March 1 SWE, Wet Spring, Avg Dust



WY 2016: Avg March 1 SWE, Wet Spring, Avg Dust

