

Colorado Dust-on-Snow Program

# WY 2018 Dust Enhanced Runoff Classification

## Grand Mesa Watersheds

as of: March 1, 2018 Update

for:

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



<b>CODOS and Other Selected SNOTEL Sites</b>				
<b>% 1981-2010 Median March 1 SWE</b>				
	Median	Actual	% Median	<b>CODOS</b>
	SWE	SWE	SWE	<b>March 1</b>
	March 1	March 1	March 1	<b>SWE</b>
<b>SNOTEL Site</b>	<b>1981-2010</b>	<b>WY 2018</b>	<b>WY 2018</b>	<b>Classification</b>
Red Mtn Pass	17.5	12.0	69%	<b>Low</b>
Slumgullion	10.4	7.2	69%	<b>Low</b>
Upper San Juan	26.0	13.3	51%	<b>Low</b>
Wolf Creek Summit	24.9	18.8	76%	<b>Low</b>
Beartown	18.7	11.0	59%	<b>Low</b>
Lizard Head	12.2	7.1	58%	<b>Low</b>
Park Cone	8.3	6.4	77%	<b>Low</b>
Schofield Pass	25.2	20.4	81%	<b>Low</b>
McClure Pass	13.5	7.9	59%	<b>Low</b>
Independence Pass	12.7	8.6	68%	<b>Low</b>
Hoosier Pass	10.9	10.9	100%	<b>Average</b>
Grizzly Peak	13.2	12.4	94%	<b>Average</b>
Berthoud Summit	13.9	11.0	79%	<b>Low</b>
Willow Creek Pass	9.5	10.6	112%	<b>High</b>
Rabbit Ears Pass	19.1	13.1	69%	<b>Low</b>
Mesa Lakes	12.7	6.1	48%	<b>Low</b>

**Plateau Creek**  
Mesa Lakes Snotel

		Dry Spring	Avg Spring	Wet Spring
<b>LOW March 1 SWE</b>	<b>Min Dust</b>	2007		2015
	<b>Avg Dust</b>	2012		
	<b>Max Dust</b>	2013	2006	
<b>AVG March 1 SWE</b>	<b>Min Dust</b>			
	<b>Avg Dust</b>		2014	2016
	<b>Max Dust</b>		2009, 2010	
<b>HIGH March 1 SWE</b>	<b>Min Dust</b>			
	<b>Avg Dust</b>	2017	2008	2011
	<b>Max Dust</b>			

Dry Spring	Avg Spring	Wet Spring
2007	2006	2011
2012	2008	2015
2013	2009	2016
2017	2010	
	2014	

Low Swe	Avg Swe	High SWE
2006	2009	2008
2007	2010	2011
2012	2014	2017
2013	2016	
2015		

Min Dust	Avg Dust	Max Dust
	2006	
2007		
	2008	
		2009
	2010	
	2011	
	2012	
		2013
	2014	
2015		
	2016	
	2017	

**Surface Creek**  
Mesa Lakes Snotel

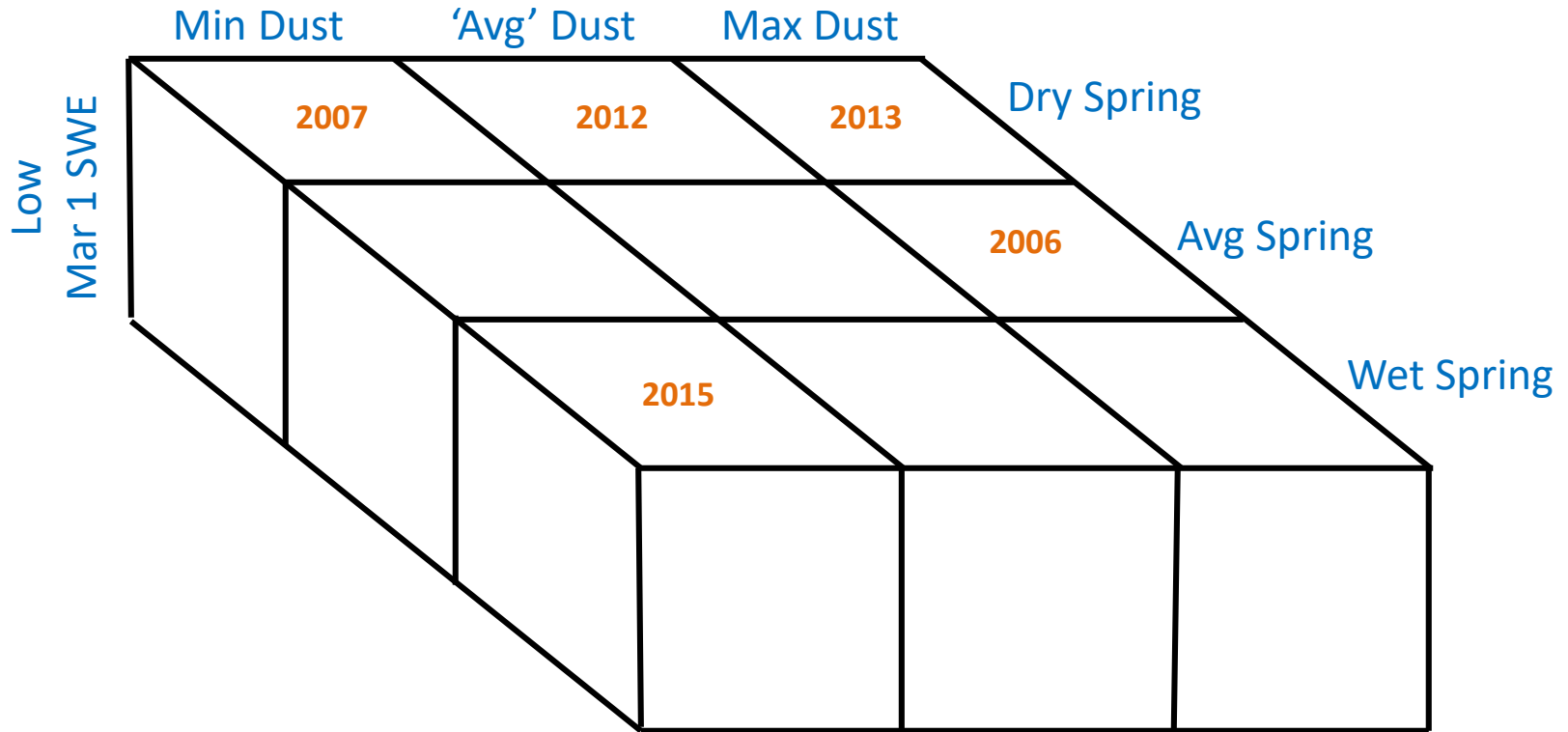
		Dry Spring	Avg Spring	Wet Spring
<b>LOW March 1 SWE</b>	<b>Min Dust</b>	2007		2015
	<b>Avg Dust</b>	2012		
	<b>Max Dust</b>	2013	2006	
<b>AVG March 1 SWE</b>	<b>Min Dust</b>			
	<b>Avg Dust</b>		2014	2016
	<b>Max Dust</b>		2009, 2010	
<b>HIGH March 1 SWE</b>	<b>Min Dust</b>			
	<b>Avg Dust</b>	2017	2008	2011
	<b>Max Dust</b>			

Dry Spring	Avg Spring	Wet Spring
2007	2006	2011
2012	2008	2015
2013	2009	2016
2017	2010	
	2014	

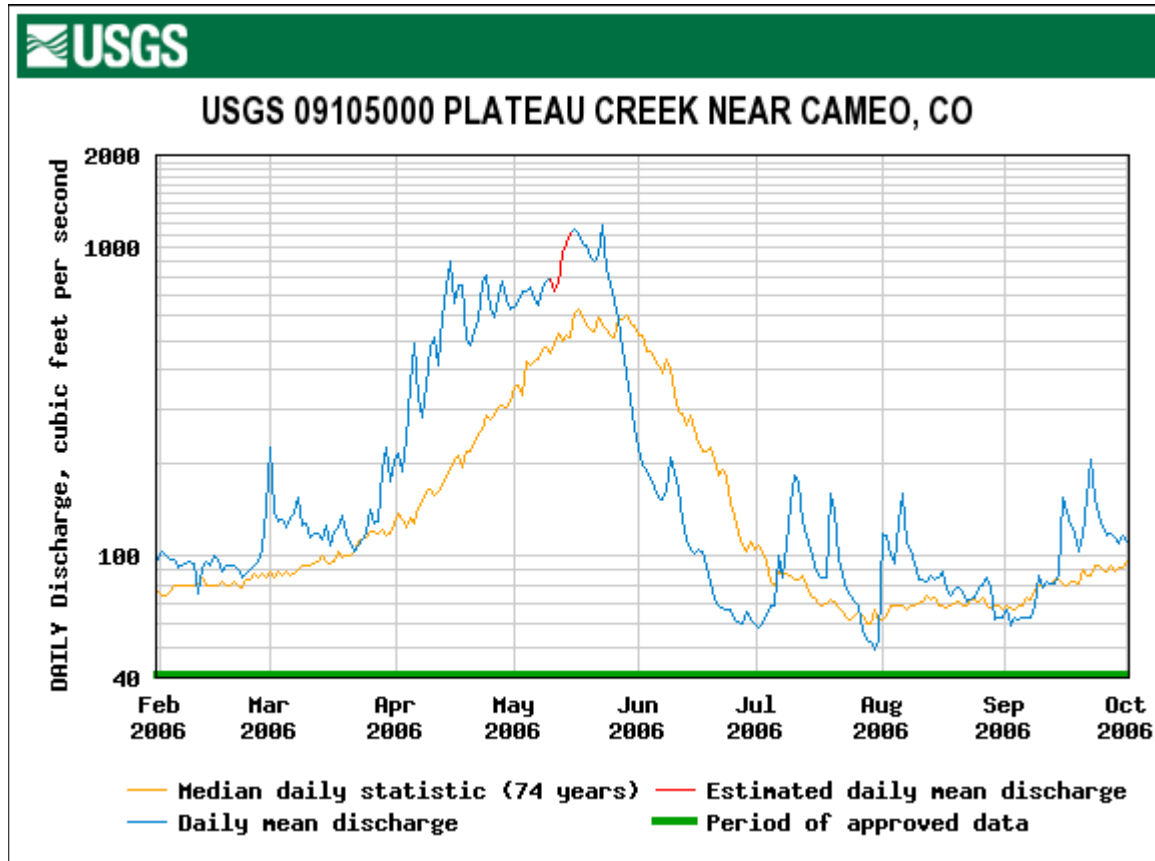
Low Swe	Avg Swe	High SWE
2006	2009	2008
2007	2010	2011
2012	2014	2017
2013	2016	
2015		

Min Dust	Avg Dust	Max Dust
	2006	
2007		
	2008	
		2009
	2010	
	2011	
	2012	
		2013
	2014	
2015		
	2016	
	2017	

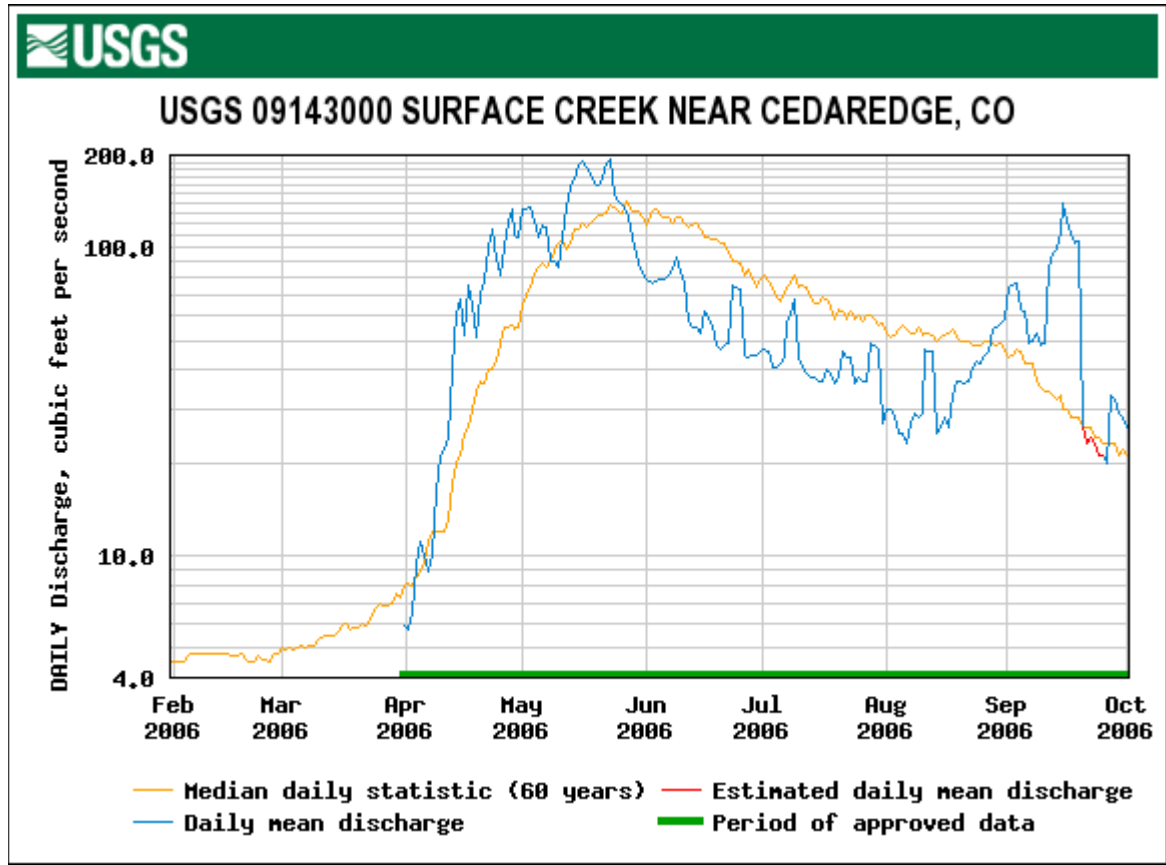
Grand Mesa Watersheds – Mesa Lakes Snotel  
WY 2018 = Low March 1 SWE



WY 2006: Low March 1 SWE, Avg Spring, Max- Dust

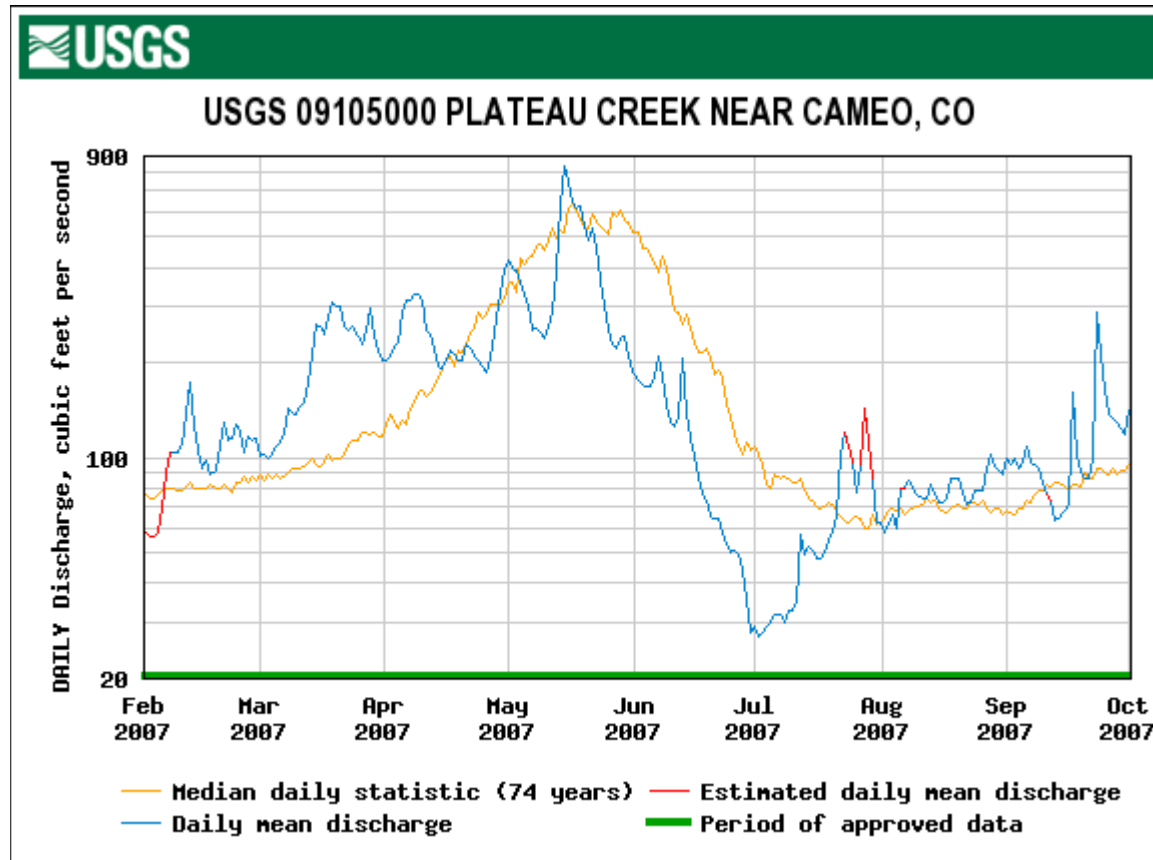


WY 2006: Low March 1 SWE, Avg Spring, Max- Dust

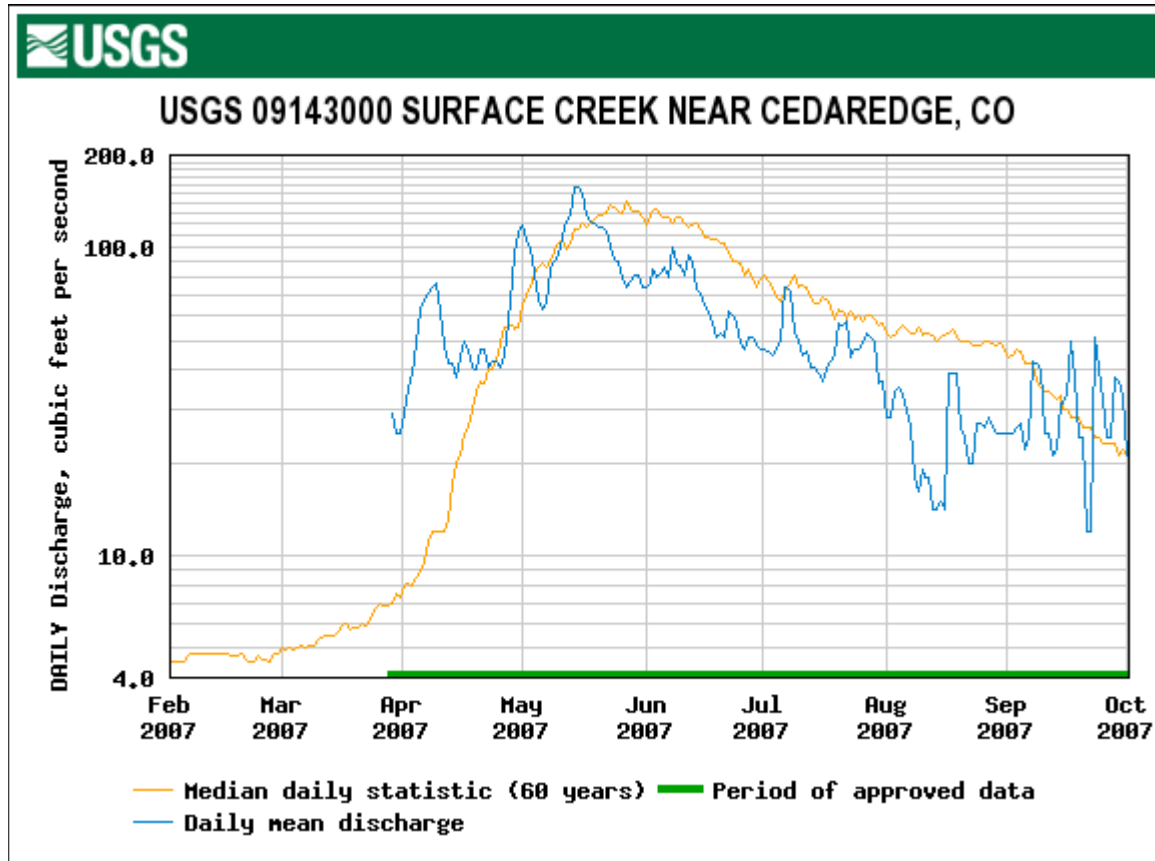




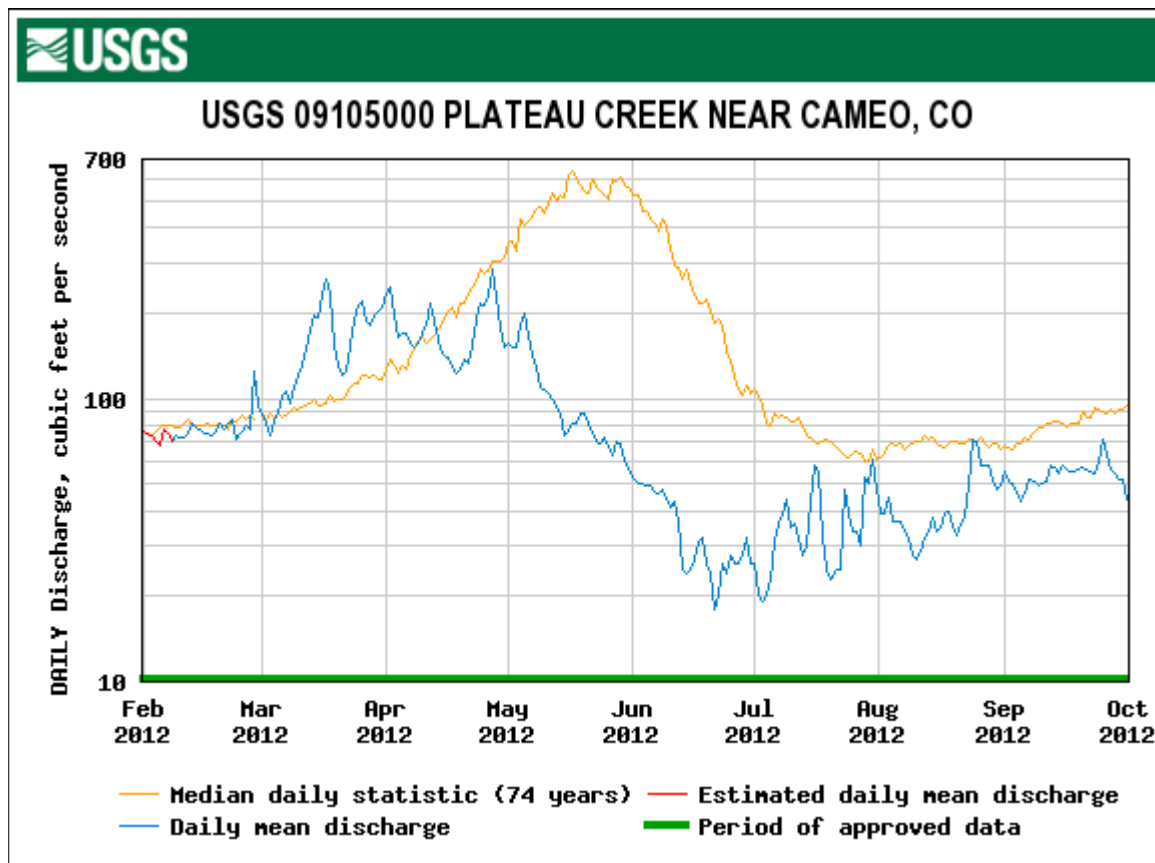
WY 2007: Low March 1 SWE, Dry Spring, Min+ Dust



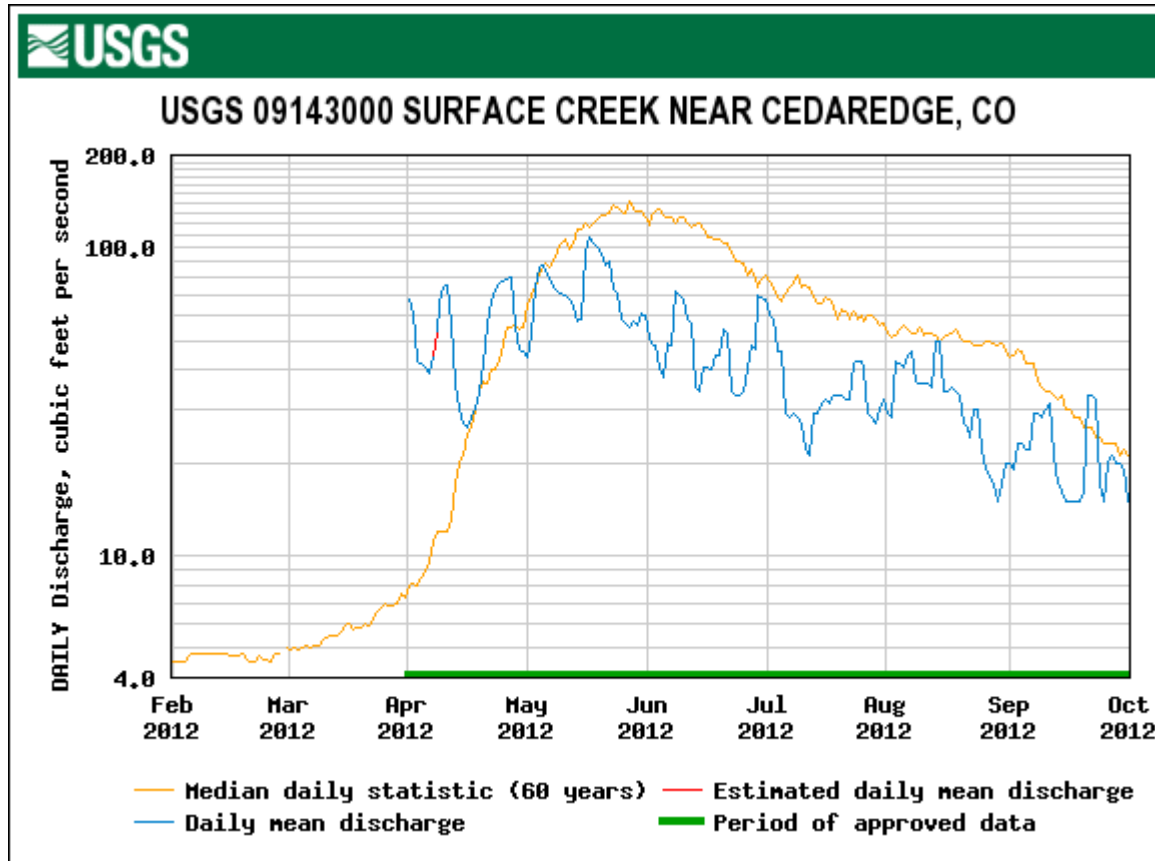
WY 2007: Low March 1 SWE, Dry Spring, Min+ Dust



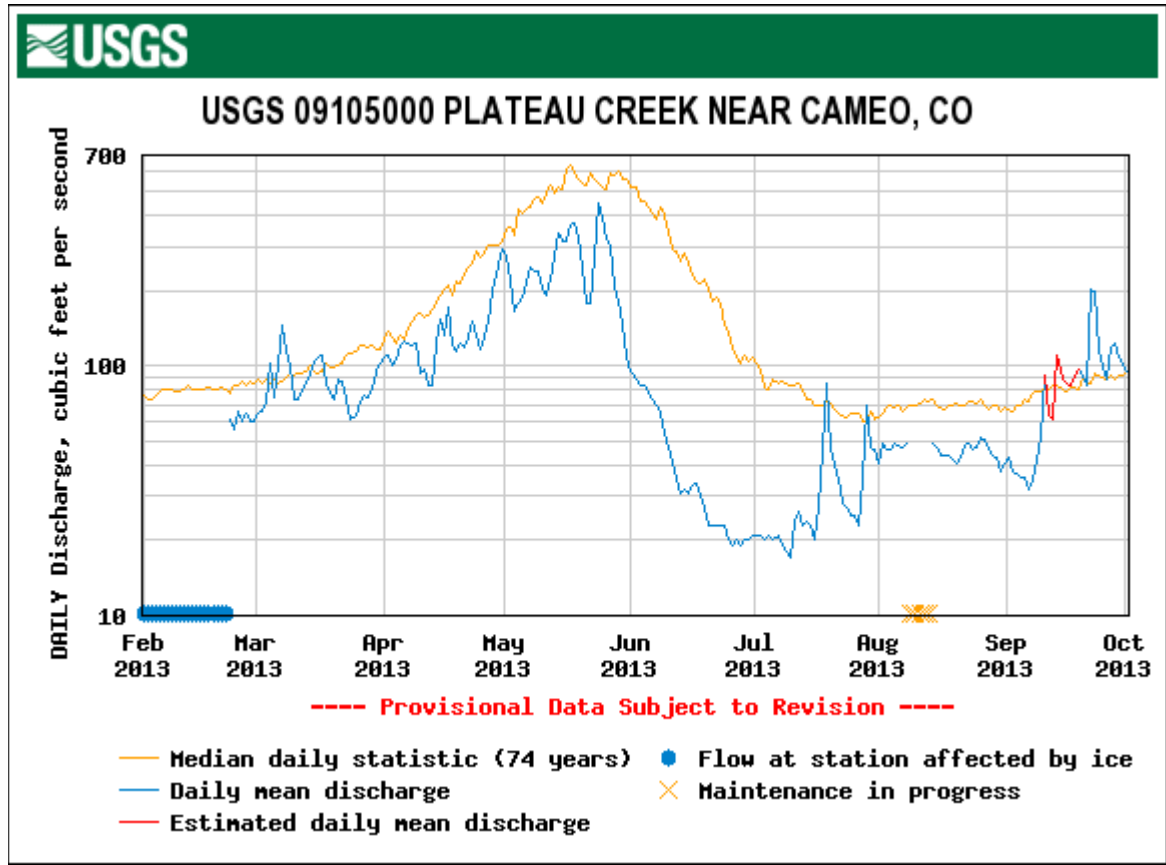
WY 2012: Low March 1 SWE, Dry Spring, Avg Dust



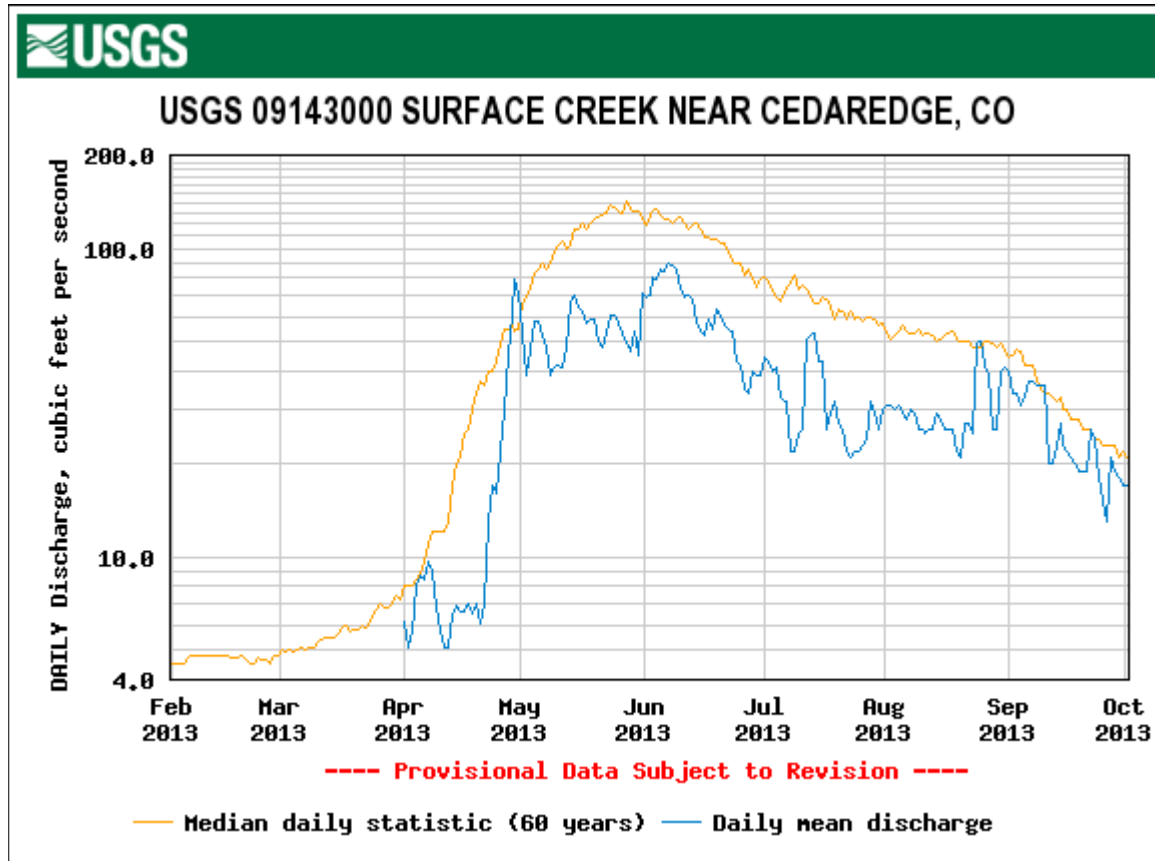
WY 2012: Low March 1 SWE, Dry Spring, Avg Dust



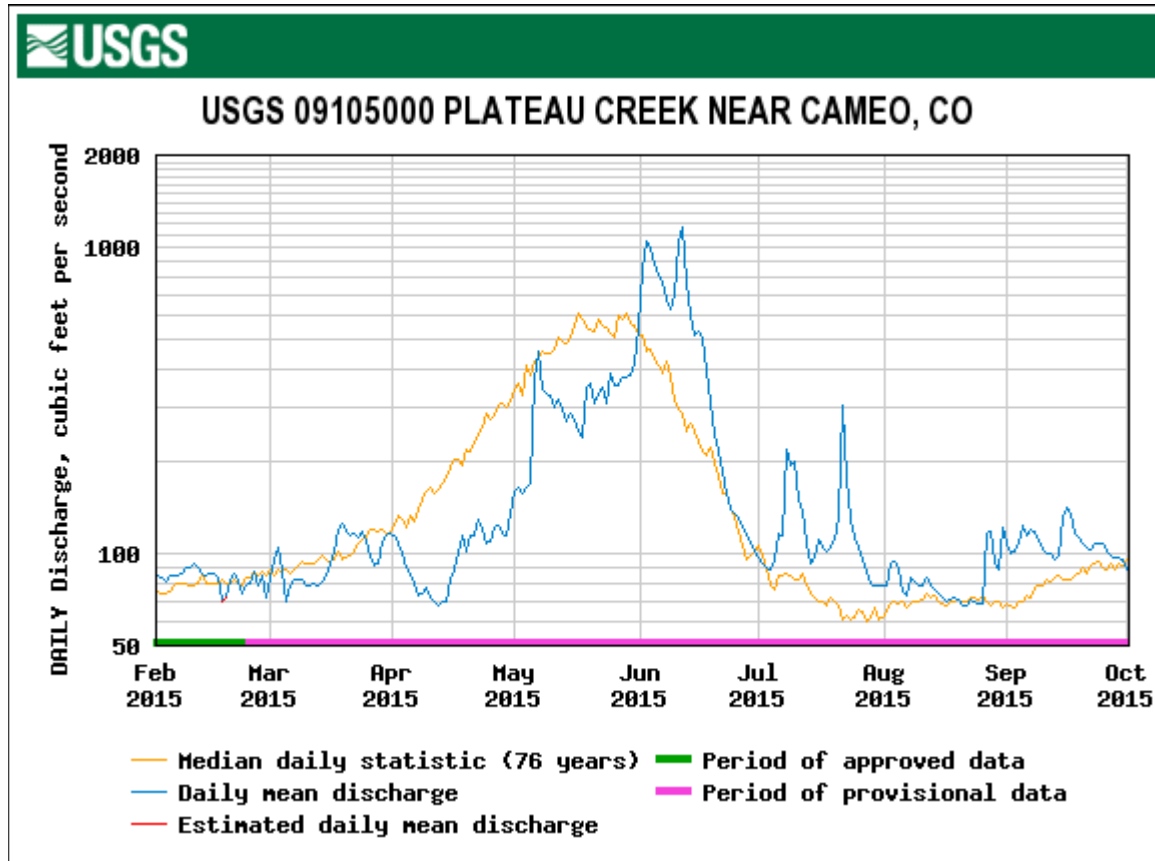
# WY 2013: Low March 1 SWE, Dry Spring, Max Dust



# WY 2013: Low March 1 SWE, Dry Spring, Max Dust



# WY 2015: Low March 1 SWE, Wet Spring, Min Dust



# WY 2015: Low March 1 SWE, Wet Spring, Min Dust

