

Colorado Dust-on-Snow Program

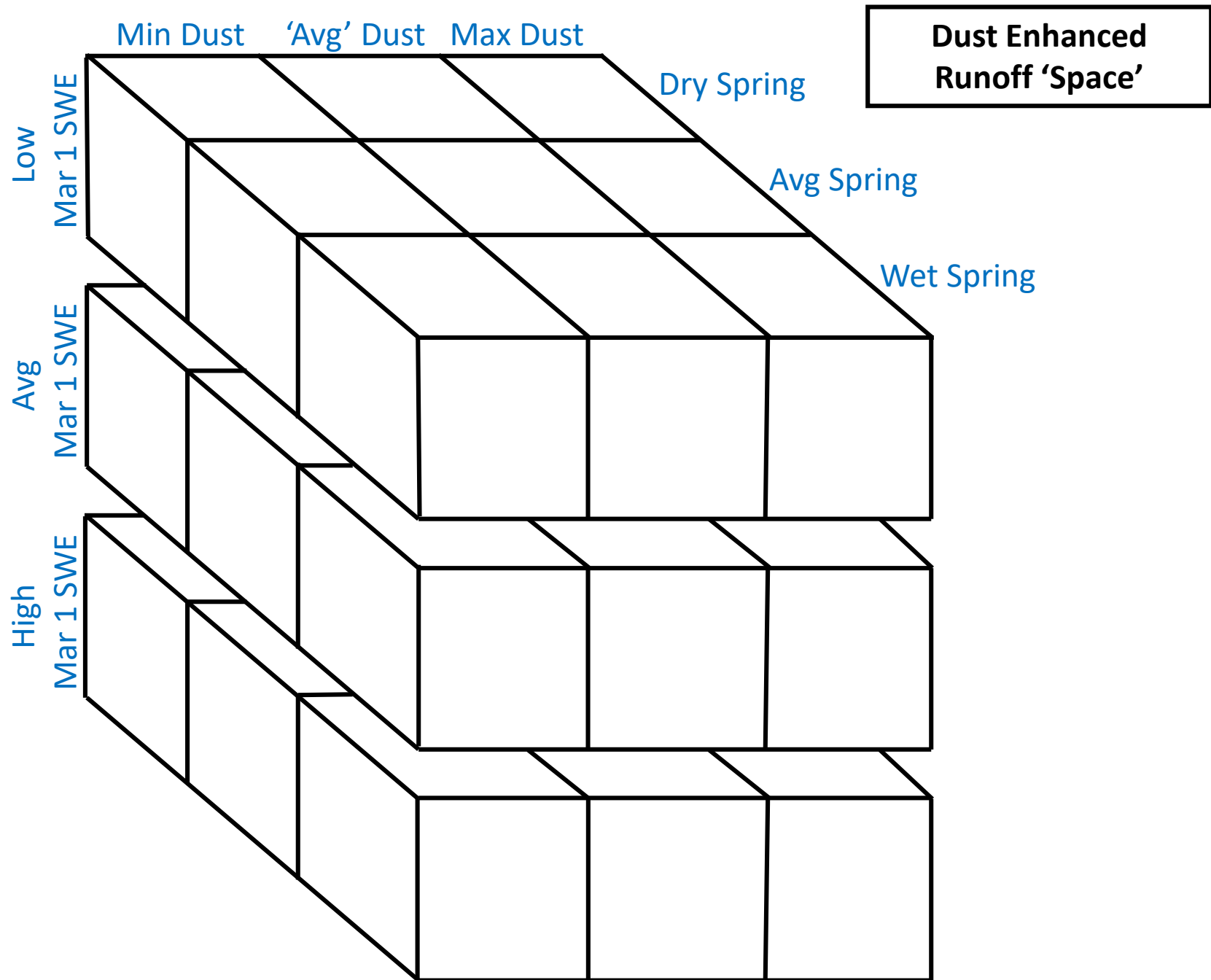
WY 2021 Dust Enhanced Runoff Classification

Crystal River Watershed

as of: March 1, 2021 Update

for:

Schofield Pass Snotel, Crystal River above Avalanche Creek



CODOS and Other Selected SNOTEL Sites				
% 1981-2010 Median March 1 SWE				
	Median	Actual	% Median	CODOS
	SWE	SWE	SWE	March 1
	March 1	March 1	March 1	SWE
SNOTEL Site	1981-2010	WY 2021	WY 2021	Classification
Red Mtn Pass	17.5	15.7	90%	<i>Average</i>
Slumgullion	10.4	9.6	92%	<i>Average</i>
Upper San Juan	26.0	23.0	88%	<i>Low</i>
Wolf Creek Summit	24.9	25.7	103%	<i>Average</i>
Beartown	18.7	14.7	79%	<i>Low</i>
Lizard Head	12.2	10.4	85%	<i>Low</i>
Park Cone	8.3	6.6	80%	<i>Low</i>
Schofield Pass	25.2	19.5	77%	<i>Low</i>
McClure Pass	13.5	10.5	78%	<i>Low</i>
Independence Pass	12.7	10.3	81%	<i>Low</i>
Hoosier Pass	10.9	9.8	90%	<i>Average</i>
Grizzly Peak	13.2	10.6	80%	<i>Low</i>
Berthoud Summit	13.9	12.7	91%	<i>Average</i>
Willow Creek Pass	9.5	9.2	97%	<i>Average</i>
Rabbit Ears Pass	19.1	13.8	72%	<i>Low</i>
Mesa Lakes	12.7	8.8	69%	<i>Low</i>

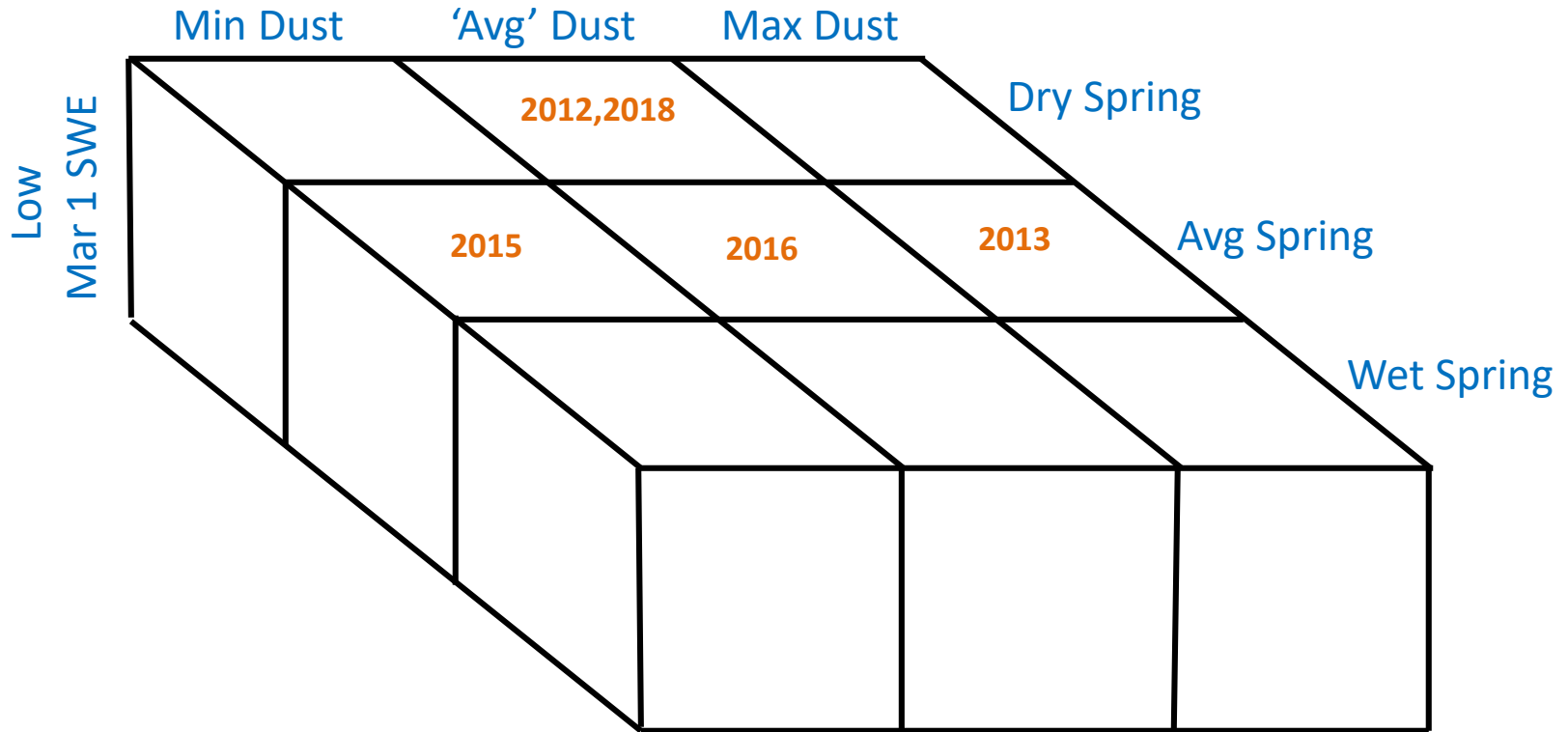
Crystal River Watershed
Schofield Pass Snotel

		Dry Spring	Avg Spring	Wet Spring
LOW March 1 SWE	Min Dust		2015	
	Avg Dust	2012, 2018	2016	
	Max Dust		2013	
AVG March 1 SWE	Min Dust	2007, 2020		
	Avg Dust			
	Max Dust		2006	
HIGH March 1 SWE	Min Dust			
	Avg Dust	2017	2014	2008, 2011, 2019
	Max Dust		2009, 2010	

Dry Spring	Avg Spring	Wet Spring
2007	2006	2008
2012	2009	2011
2017	2010	
2018	2013	
	2014	
	2015	
	2016	
Low Swe	Avg Swe	High SWE
2012	2006	2008
2013	2007	2009
2015		2010
2016		2011
2018		2014
		2017
Min Dust	Avg Dust	Max Dust
	2006	
2007		
	2008	
		2009
	2010	
	2011	
	2012	
		2013
	2014	
2015		
	2016	
	2017	
	2018	

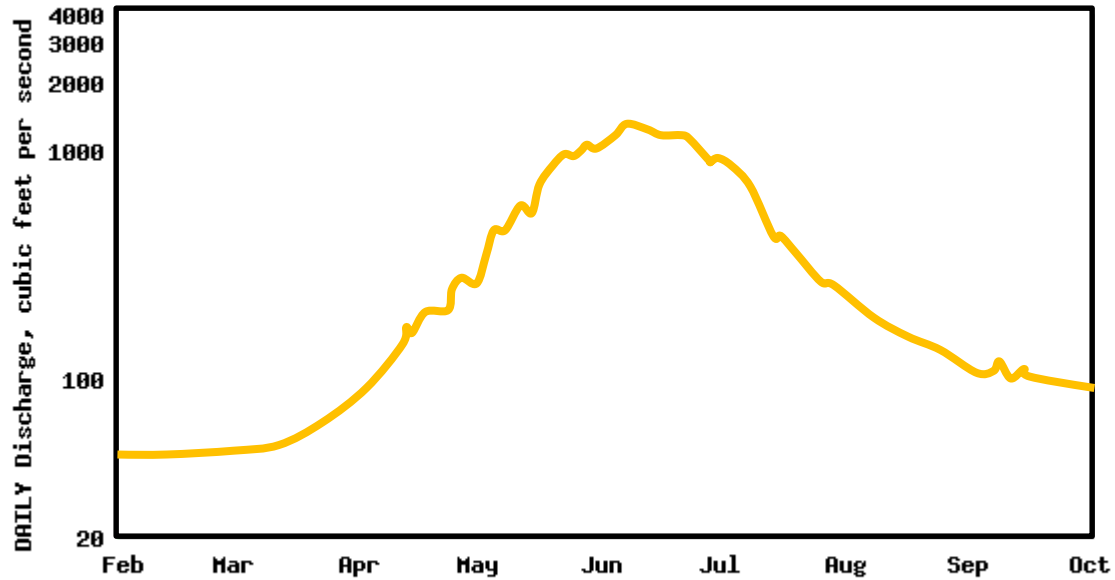
Mar 1 SWE 1981-2010			
	Median	Actual	%
2006	25.2	25.1	100%
2007	25.2	24.0	95%
2008	25.2	41.4	164%
2009	25.2	35.4	140%
2010	25.2	29.1	115%
2011	25.2	35.1	139%
2012	25.2	19.8	79%
2013	25.2	17.9	71%
2014	25.2	31.1	123%
2015	25.2	18.8	75%
2016	25.2	21.0	83%
2017	25.2	44.6	177%
2018	25.2	20.4	81%

Crystal River Watershed – Schofield Pass Snotel
WY 2021 = Low March 1 SWE





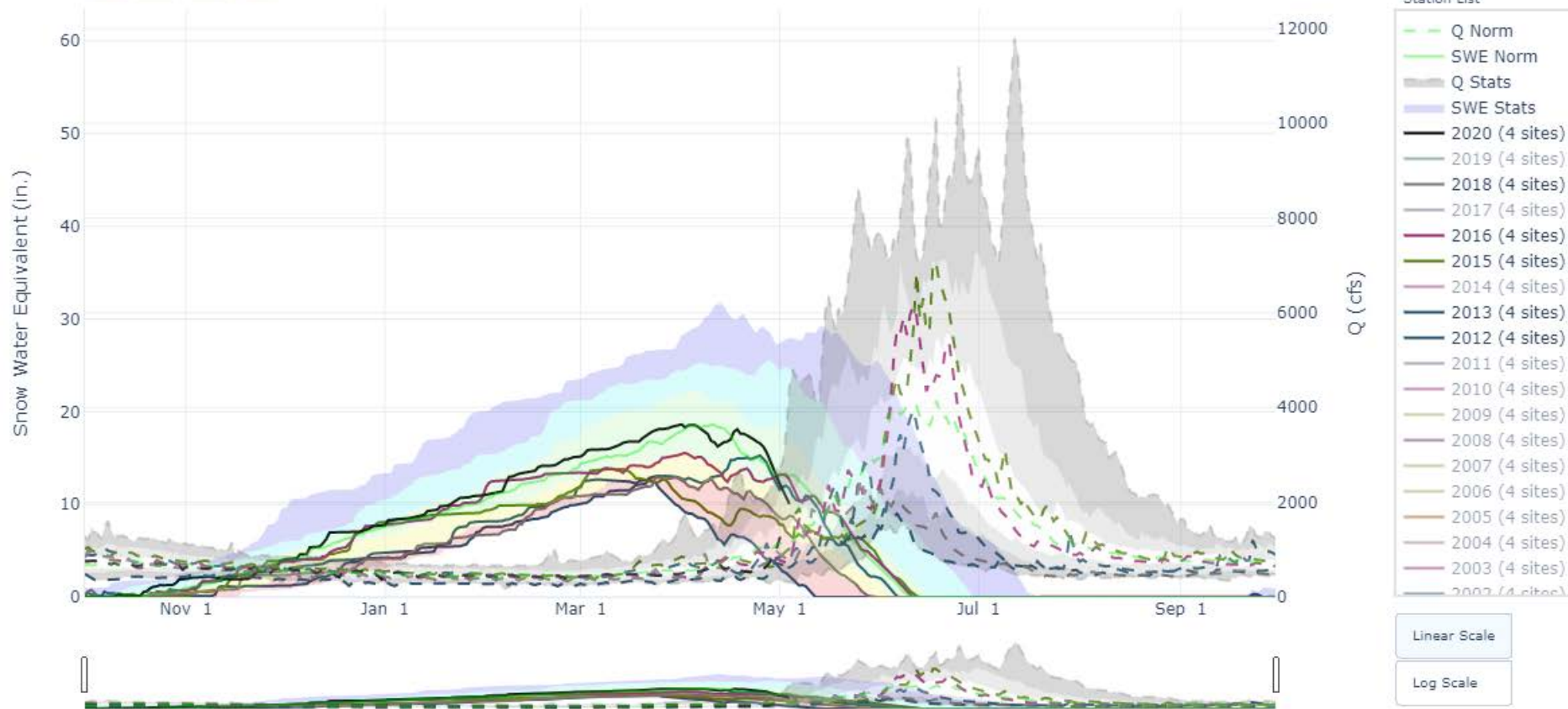
USGS 09081600 CRYSTAL RIVER ABV AVALANCHE CRK, NEAR REDSTONE, CO



— Median daily statistic (57 years) — Estimated daily mean discharge
— Daily mean discharge — Period of approved data

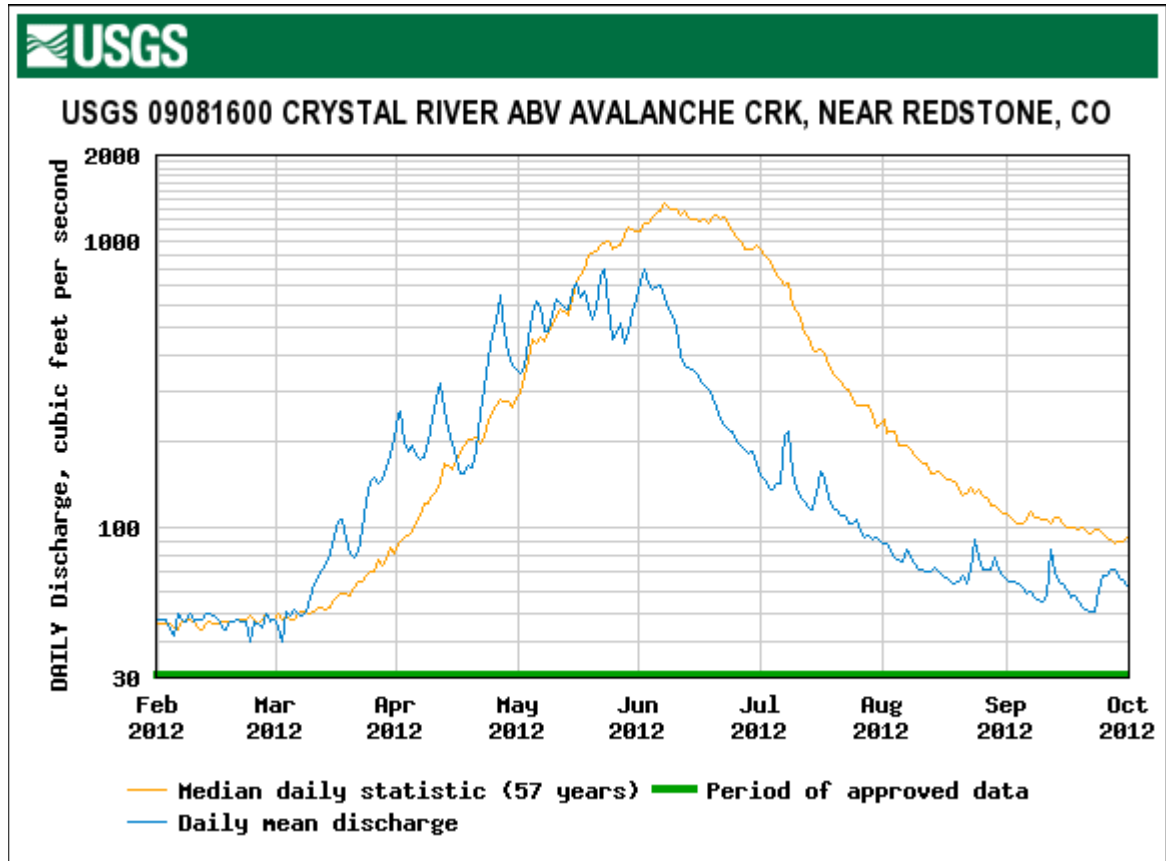
SWE-Q Relationship for Roaring Fk at Glenwood Springs

Jan Apr July WY

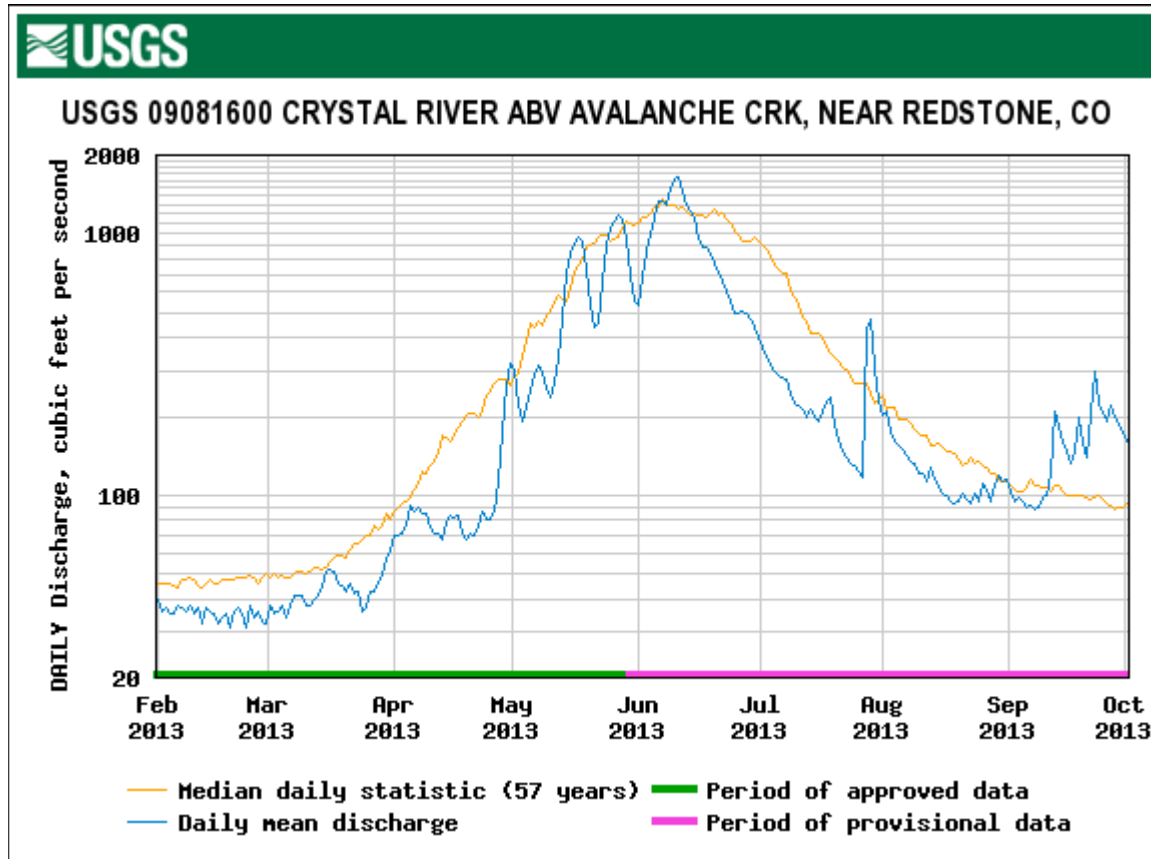


* # of sites does not meet threshold. Data from this year will not be used in calculation of statistics

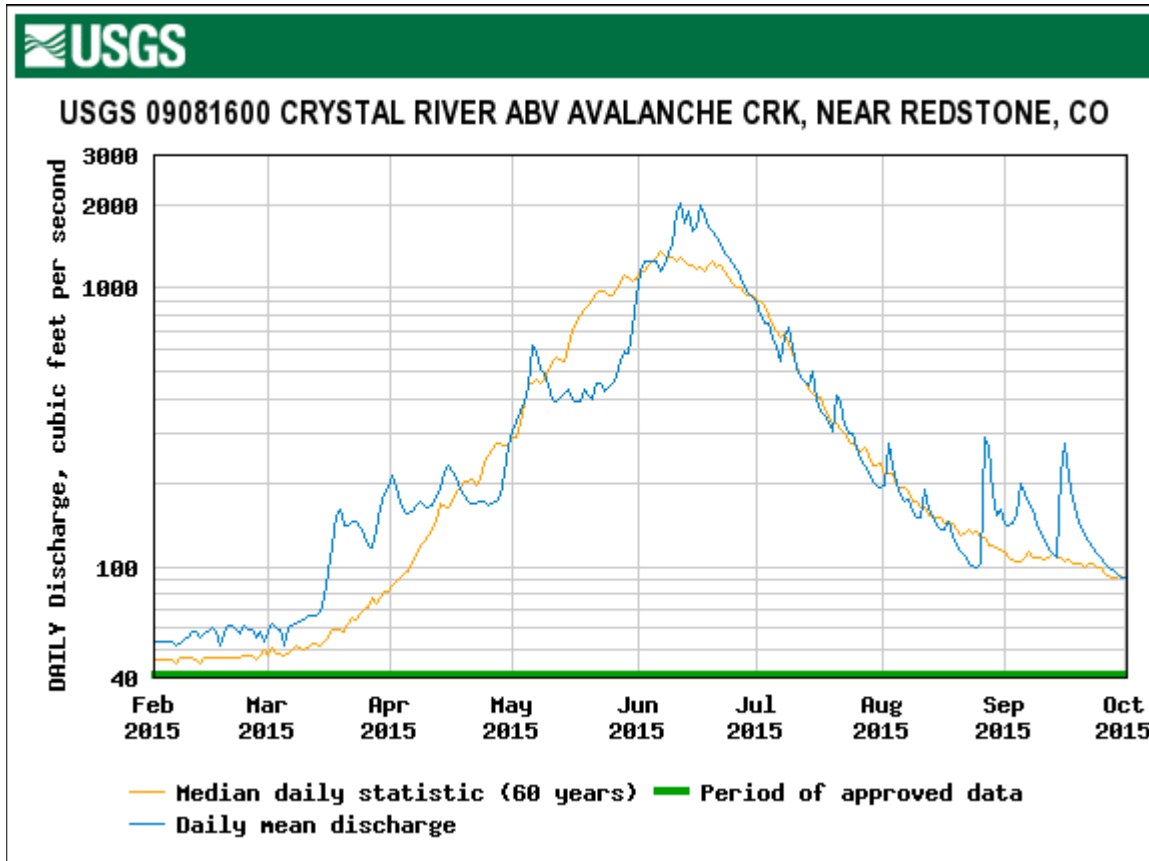
WY 2012: Low March 1 SWE, Dry Spring, Avg Dust



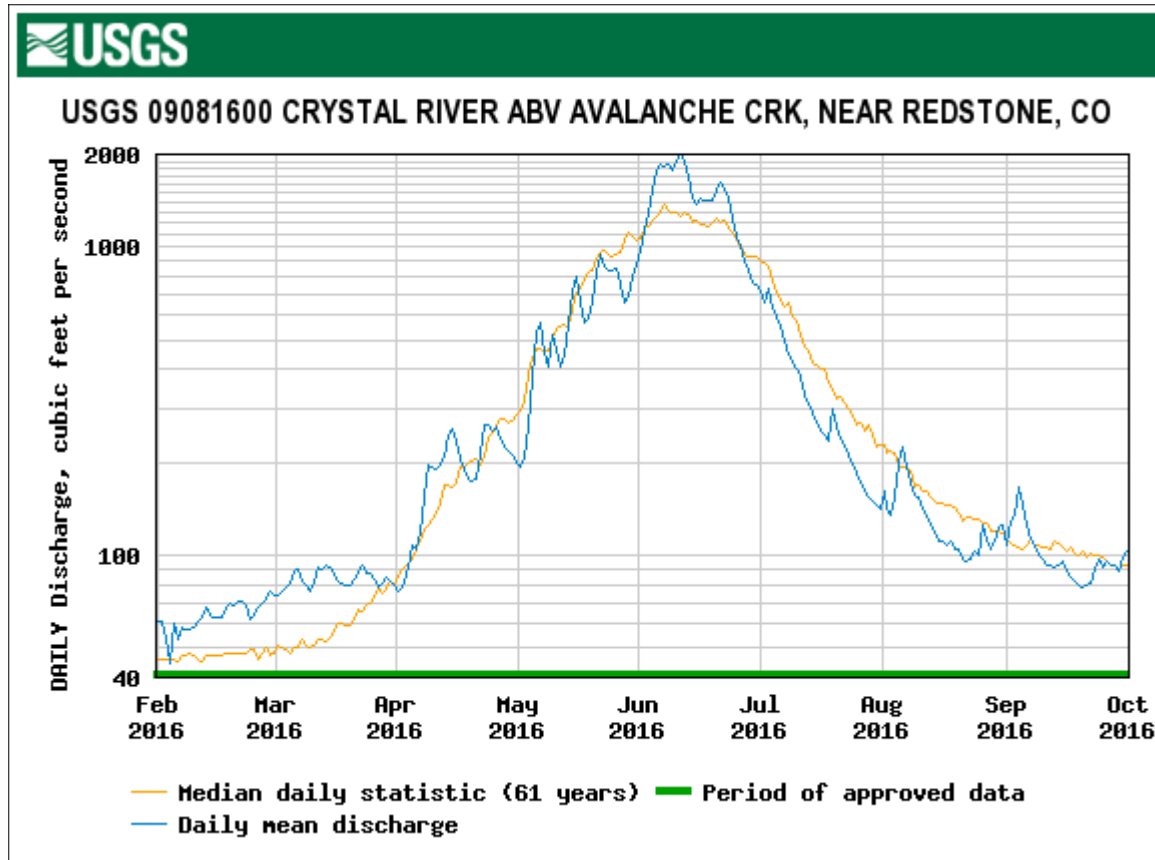
WY 2013: Low March 1 SWE, Avg Spring, Max Dust



WY 2015: Low March 1 SWE, Avg Spring, Min Dust



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



WY 2018: Low March 1 SWE, Dry Spring, Avg Dust

