

Colorado Dust-on-Snow Program

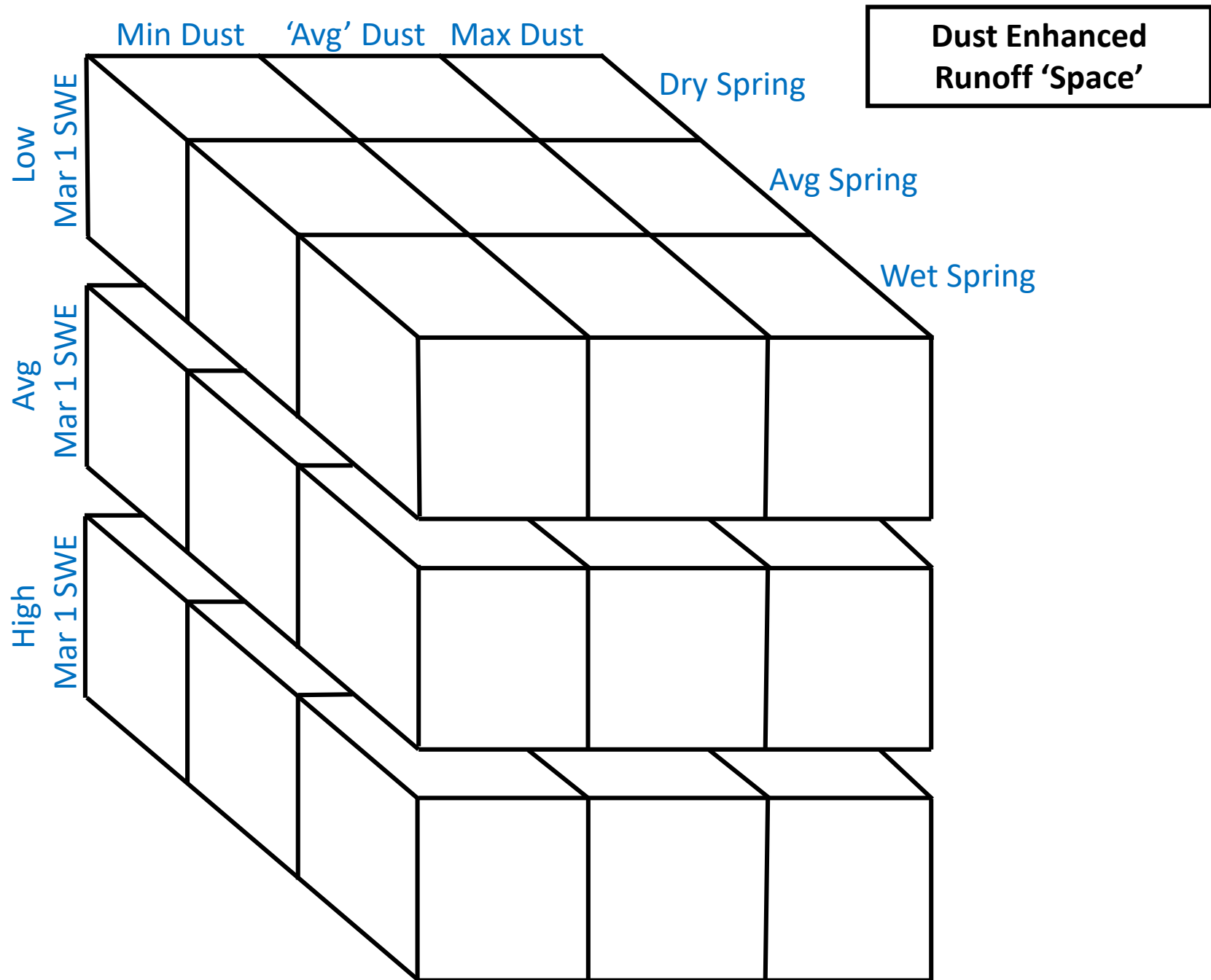
WY 2022 Dust Enhanced Runoff Classification

Crystal River Watershed

as of: March 1, 2022 Update

for:

Schofield Pass Snotel, Crystal River above Avalanche Creek



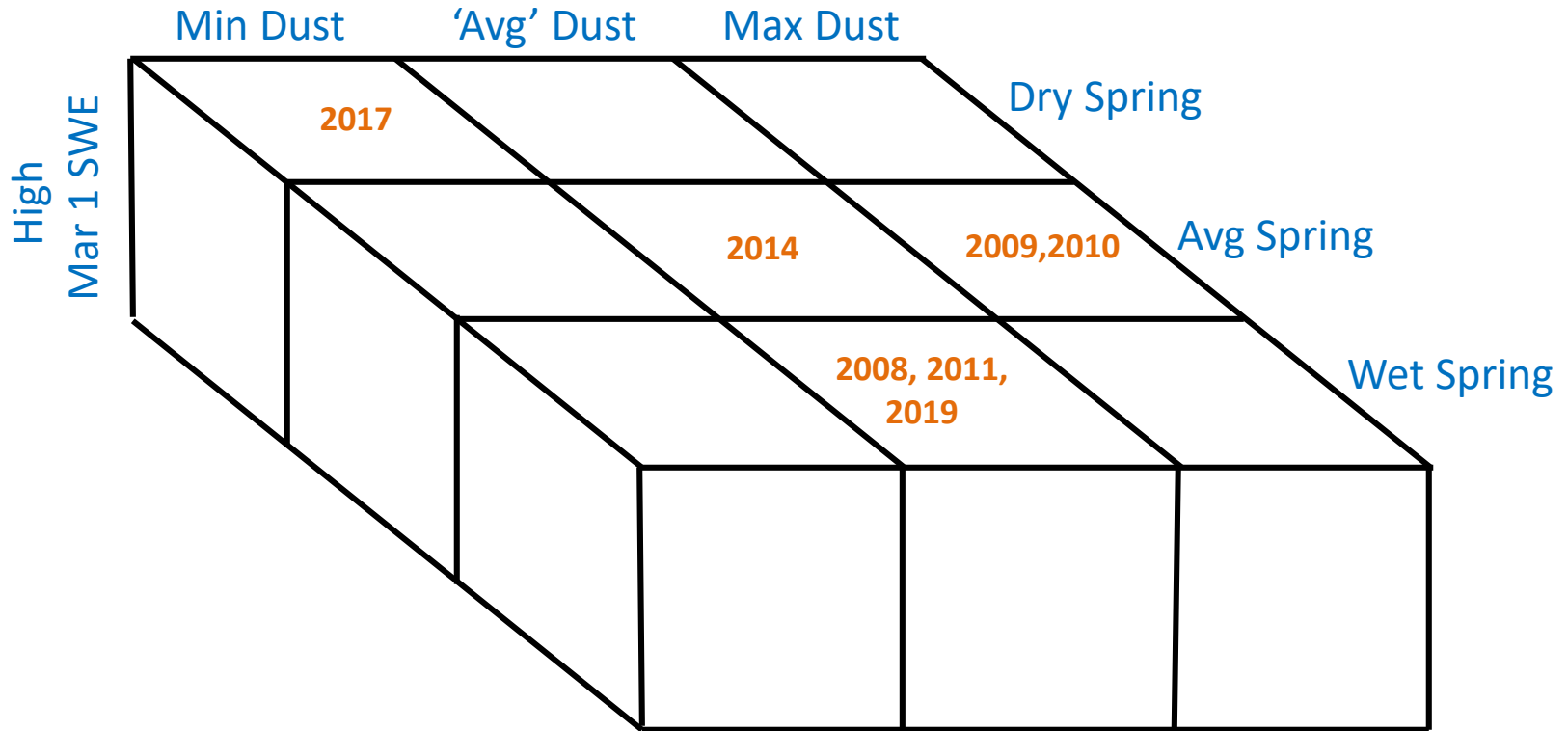
CODOS and Other Selected SNOTEL Sites						
Comparison of % 1981-2010 Median March 1 SWE & % 1991-2020 Median March 1 SWE						
	Median	Median	Actual	% Median SWE	% Median SWE	CODOS
	SWE	SWE	SWE	1981-2010	1991-2020	Classification
	March 1	March 1	March 1	March 1	March 1	Based on
SNOTEL Site	1981-2010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

Crystal River Watershed

Schofield Pass Snotel

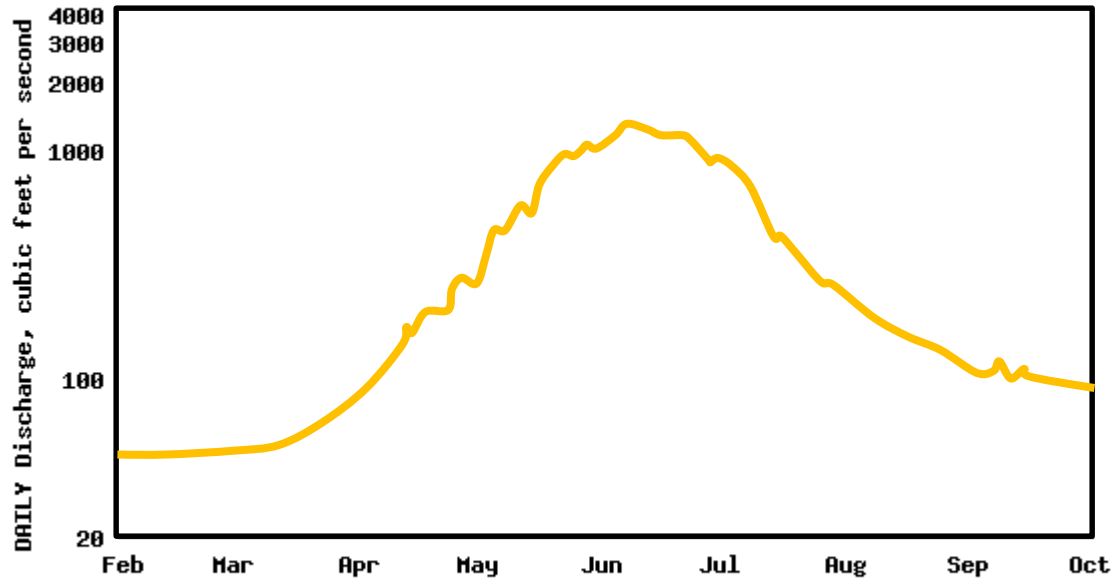
		Dry Spring	Avg Spring	Wet Spring
LOW March 1 SWE	Min Dust		2015	
	Avg Dust	2012, 2018, 2021	2016	
	Max Dust		2013	
AVG March 1 SWE	Min Dust	2007, 2020		
	Avg Dust			
	Max Dust		2006	
HIGH March 1 SWE	Min Dust			
	Avg Dust	2017	2014	2008, 2011, 2019
	Max Dust		2009, 2010	

Crystal River Watershed – Schofield Pass Snotel
WY 2022 = High March 1 SWE





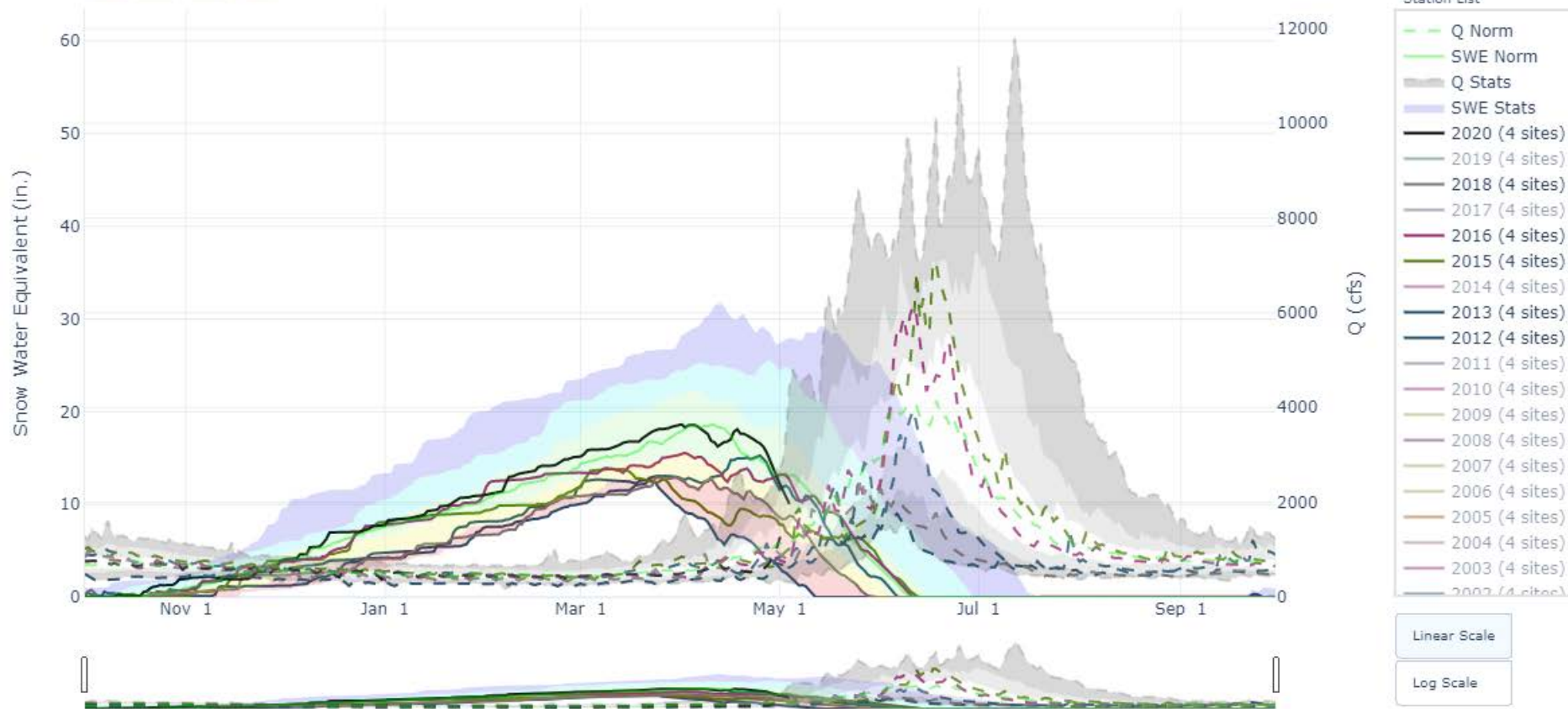
USGS 09081600 CRYSTAL RIVER ABV AVALANCHE CRK, NEAR REDSTONE, CO



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

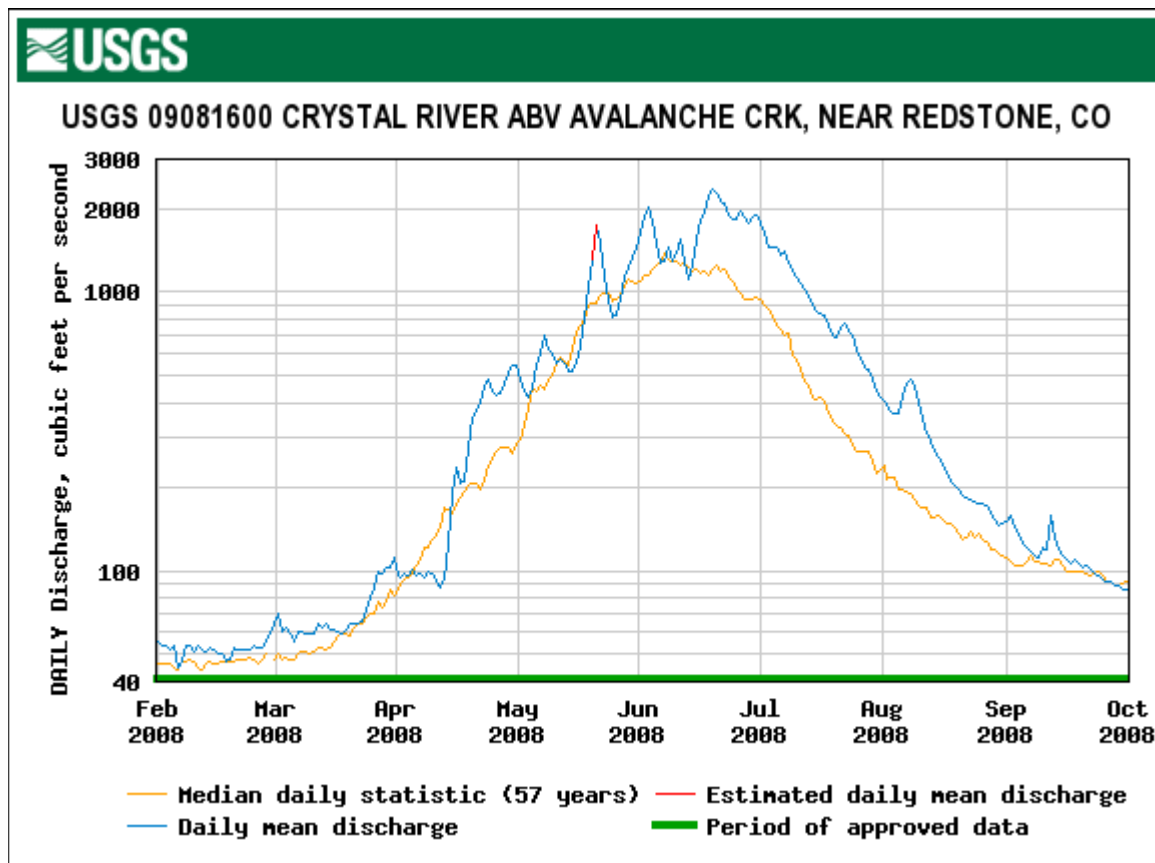
SWE-Q Relationship for Roaring Fk at Glenwood Springs

Jan Apr July WY

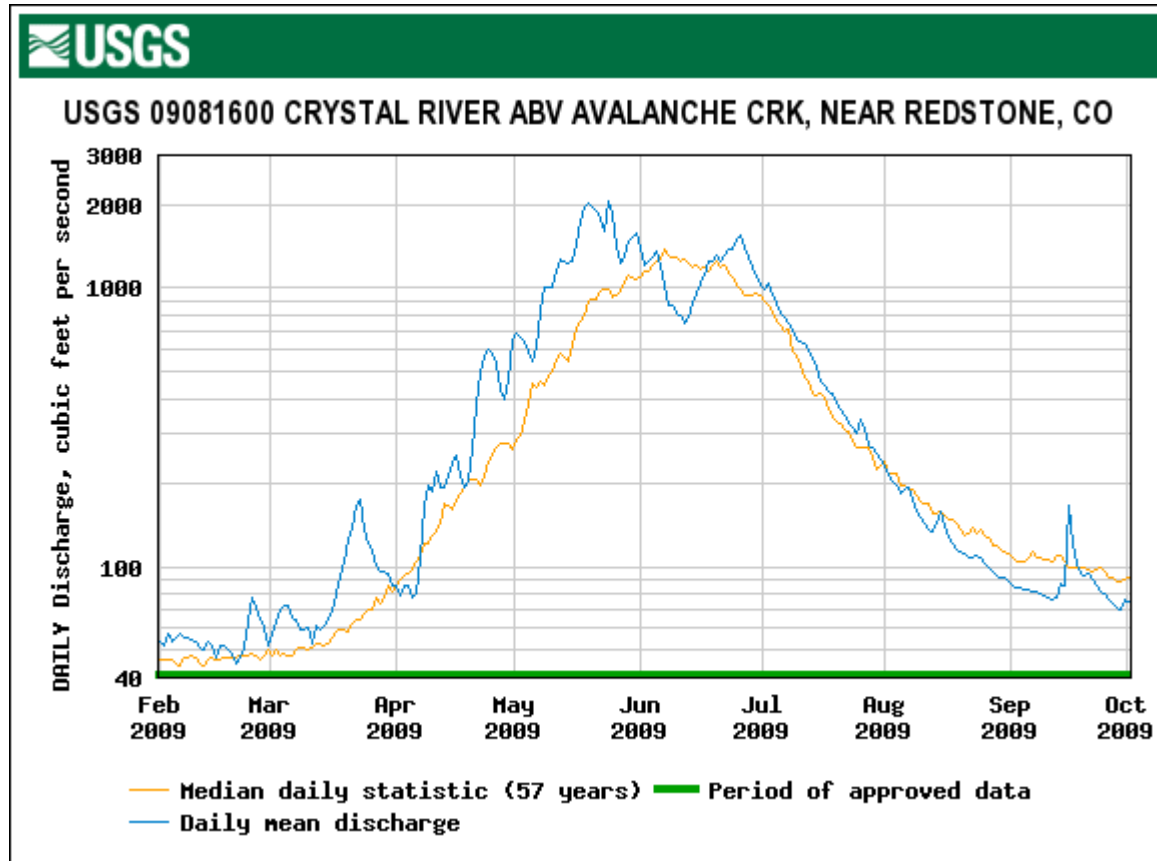


* # of sites does not meet threshold. Data from this year will not be used in calculation of statistics

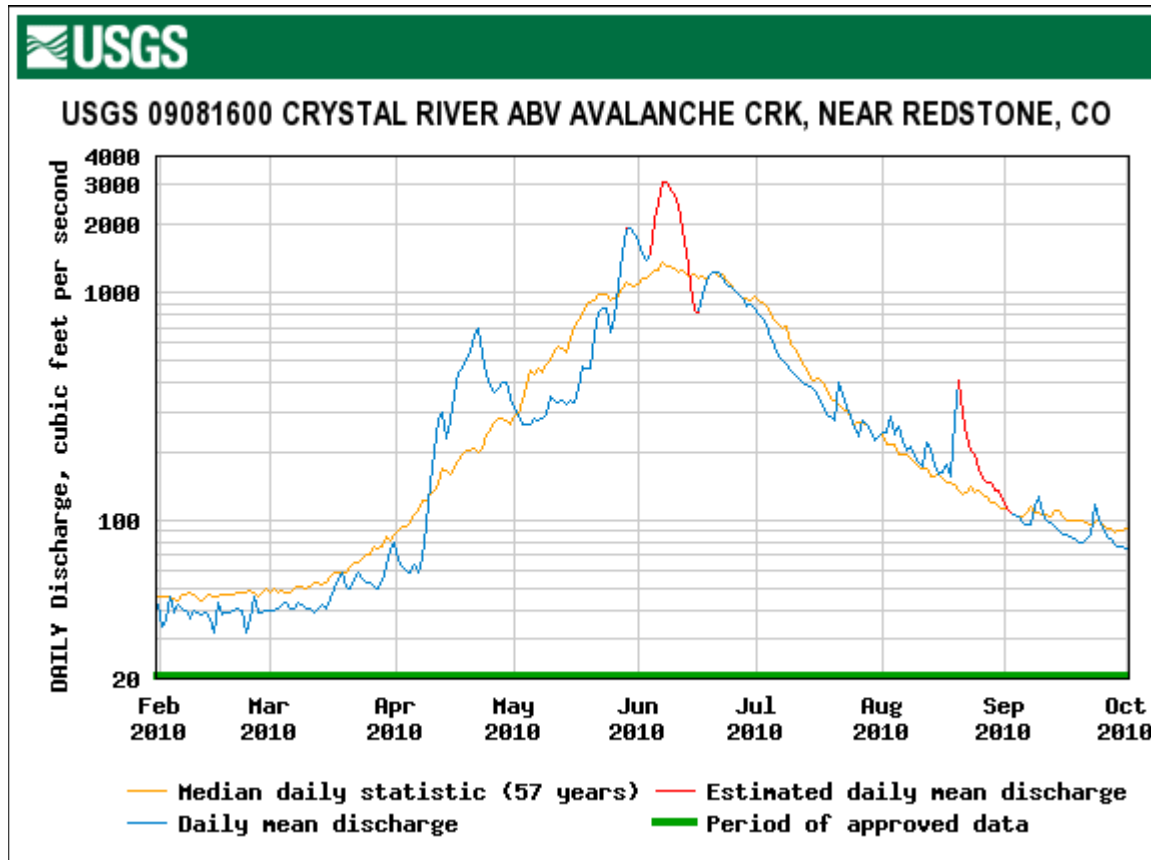
WY 2008: High March 1 SWE, Wet Spring, Avg Dust



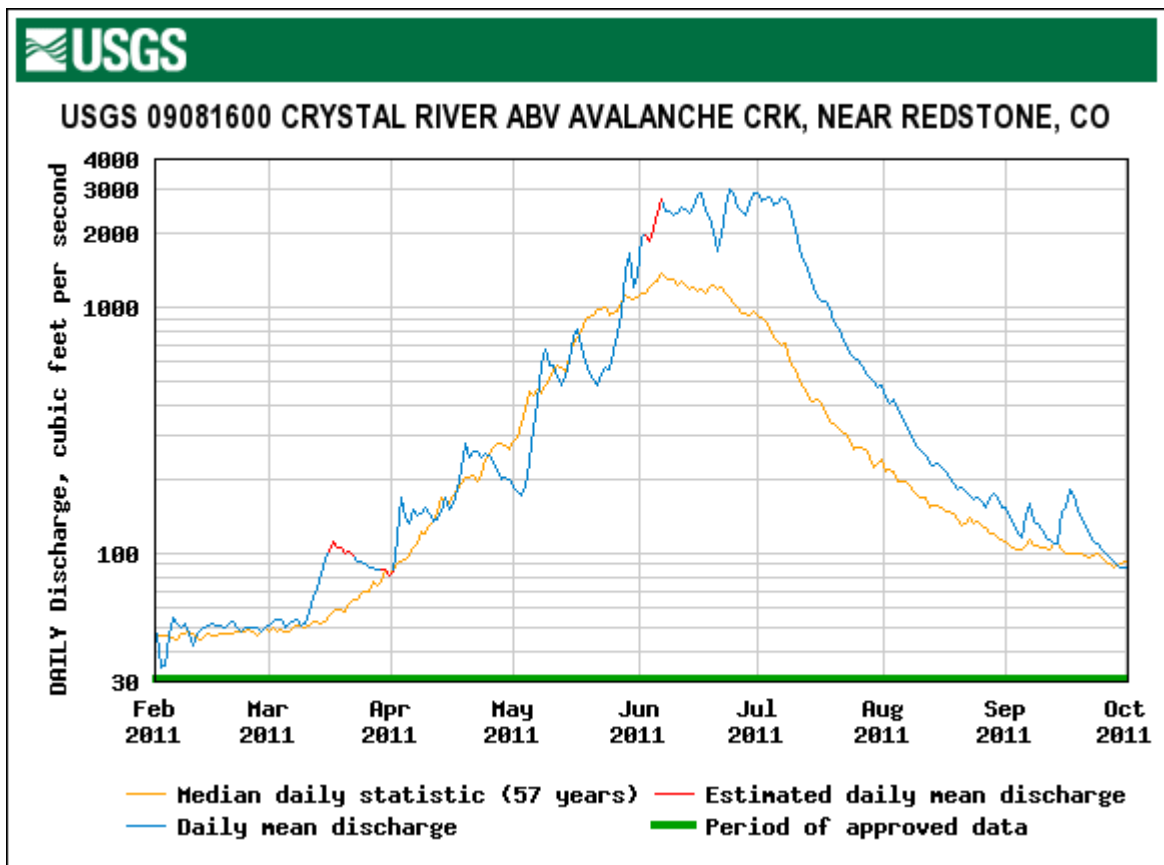
WY 2009: High March 1 SWE, Avg Spring, Max Dust



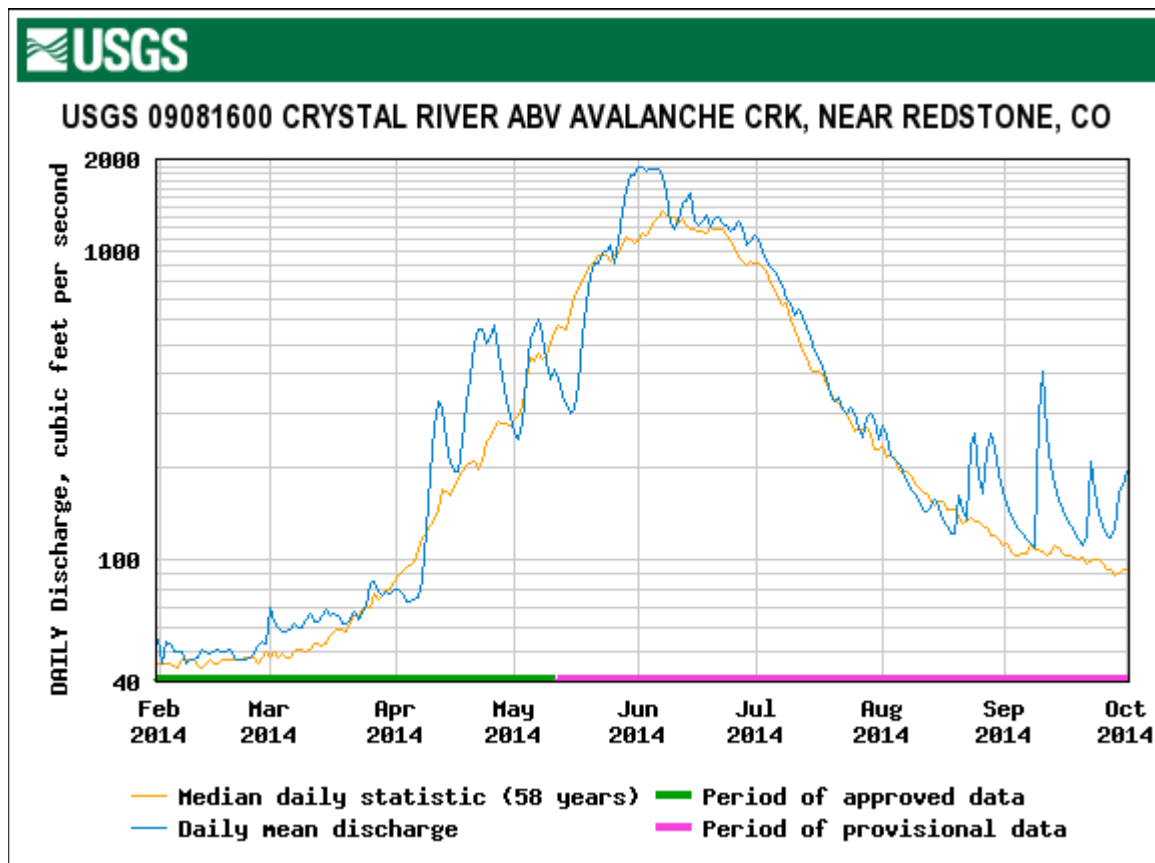
WY 2010: High March 1 SWE, Avg Spring, Max- Dust



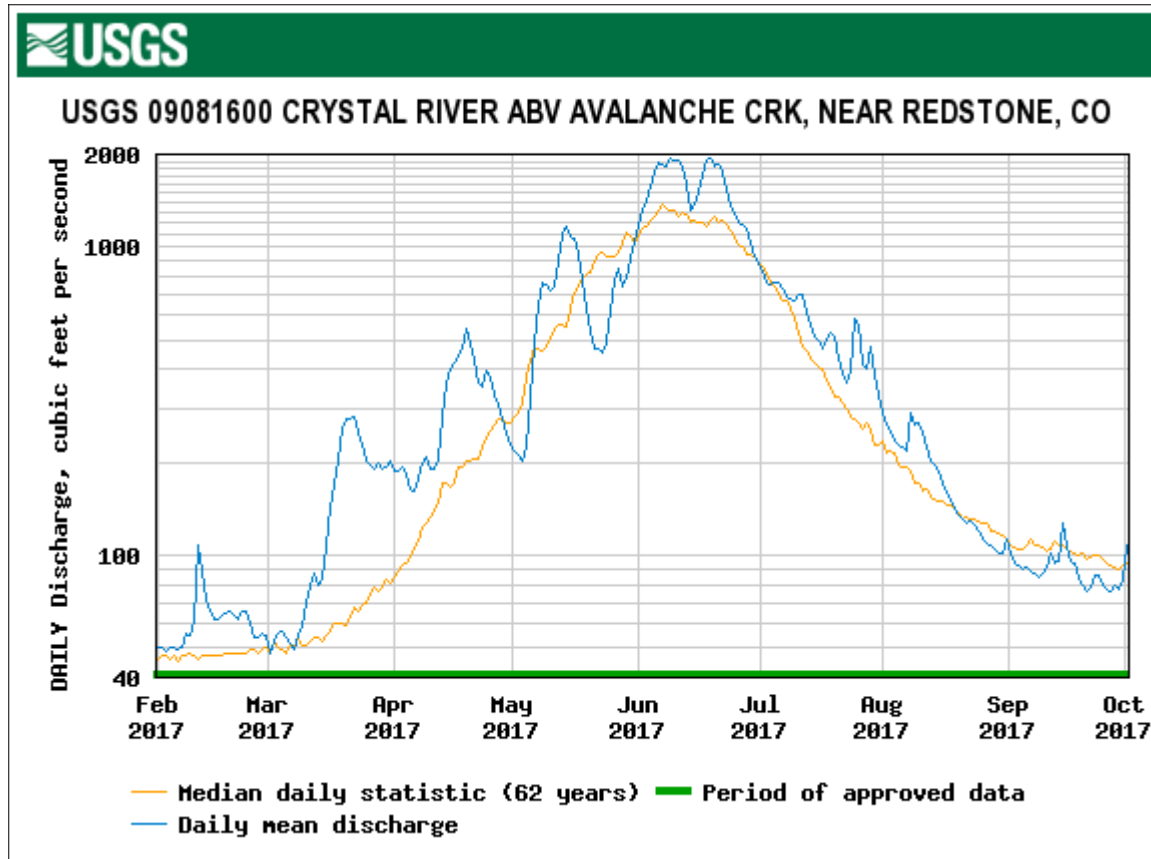
WY 2011: High March 1 SWE, Wet Spring, Avg Dust



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



WY 2017: High March 1 SWE, Dry Spring, Avg Dust



WY 2019: High March 1 SWE, Wet Spring, Avg Dust

