

Colorado Dust-on-Snow Program

WY 2022 Dust Enhanced Runoff Classification

Muddy Creek Watershed

as of: March 1, 2022 Update

for:

McClure Pass Snotel, Muddy Creek above Paonia Reservoir



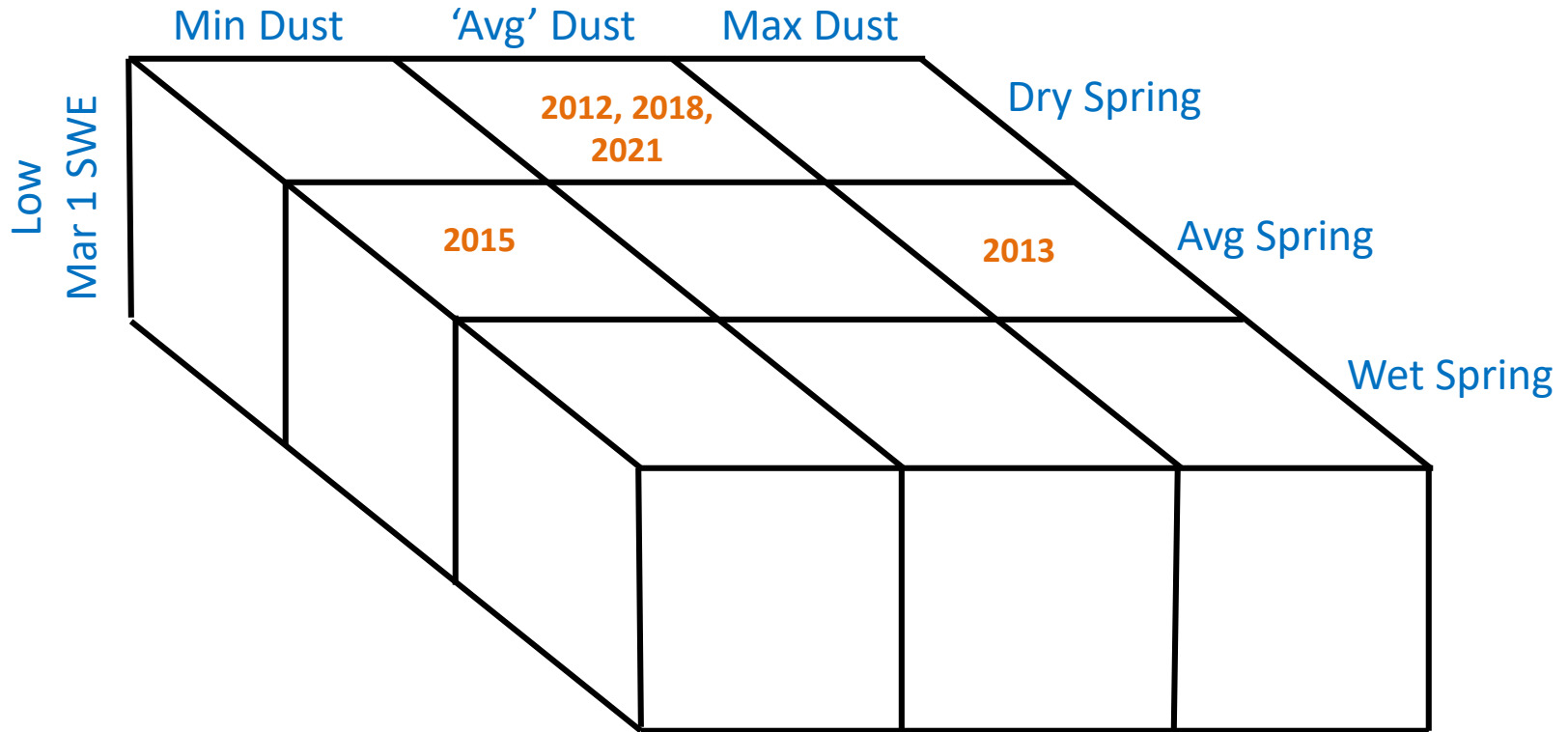
CODOS and Other Selected SNOTEL Sites						
Comparison of % 1981-2010 Median March 1 SWE & % 1991-2020 Median March 1 SWE						
	Median	Median	Actual	% Median SWE	% Median SWE	CODOS
	SWE	SWE	SWE	1981-2010	1991-2020	Classification
	March 1	March 1	March 1	March 1	March 1	Based on
SNOTEL Site	1981-2010	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

Muddy Creek Watershed

McClure Pass Snotel

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

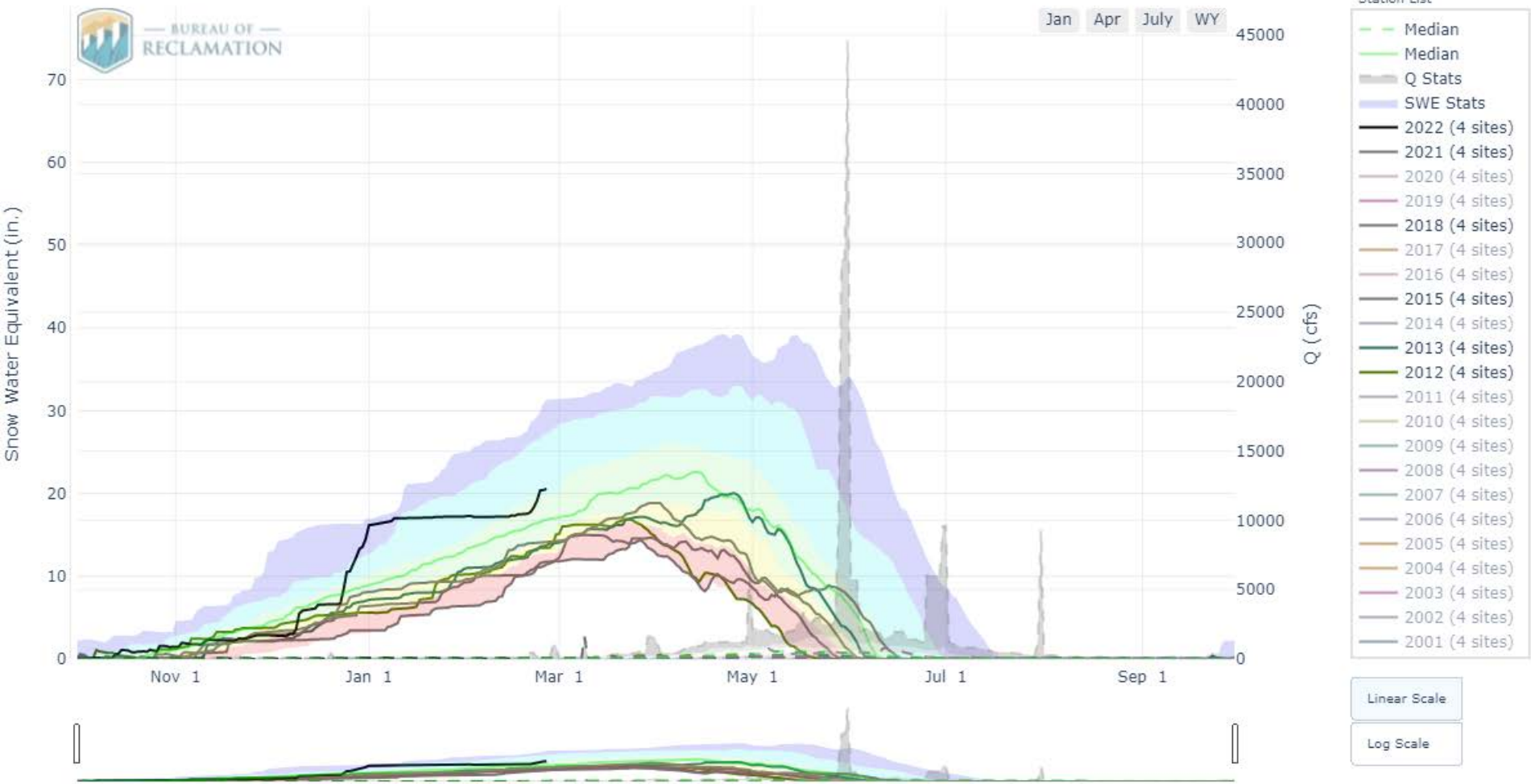
Muddy Creek Watersheds – McClure Pass Snotel
WY 2022 = Low March 1 SWE



Snow to Flow Relationship for Muddy Ck bl Paonia Reservoir



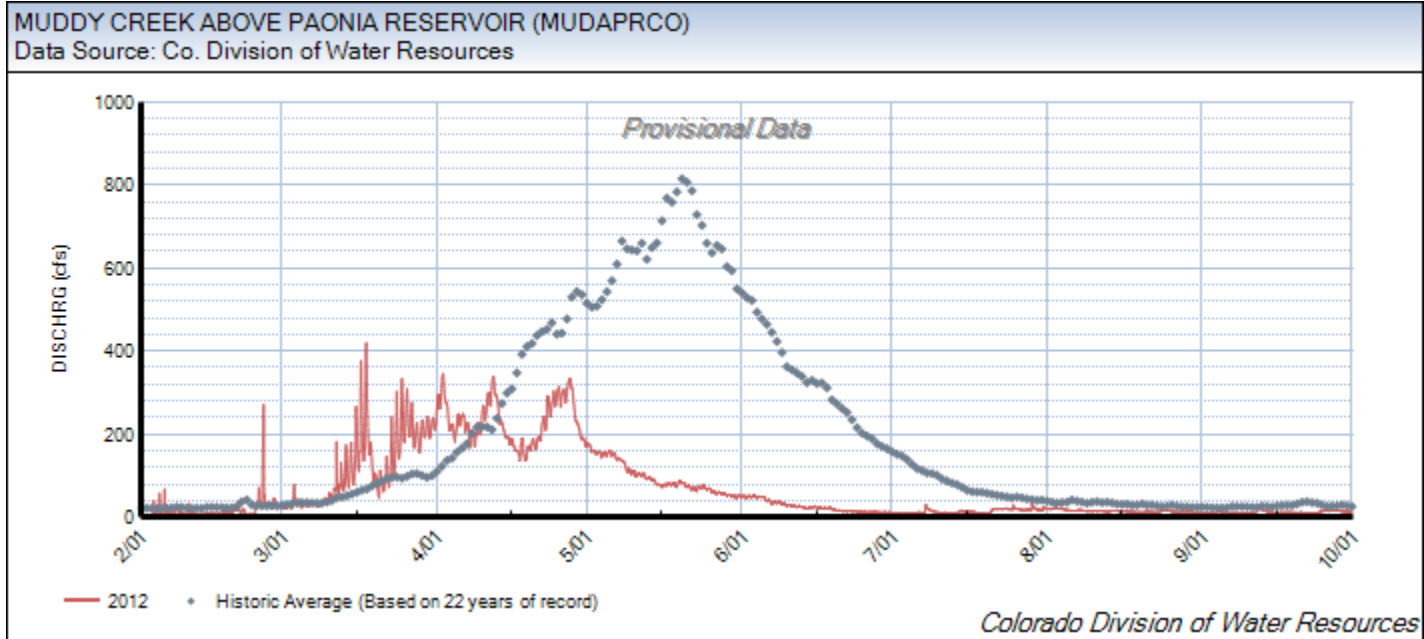
Jan Apr July WY



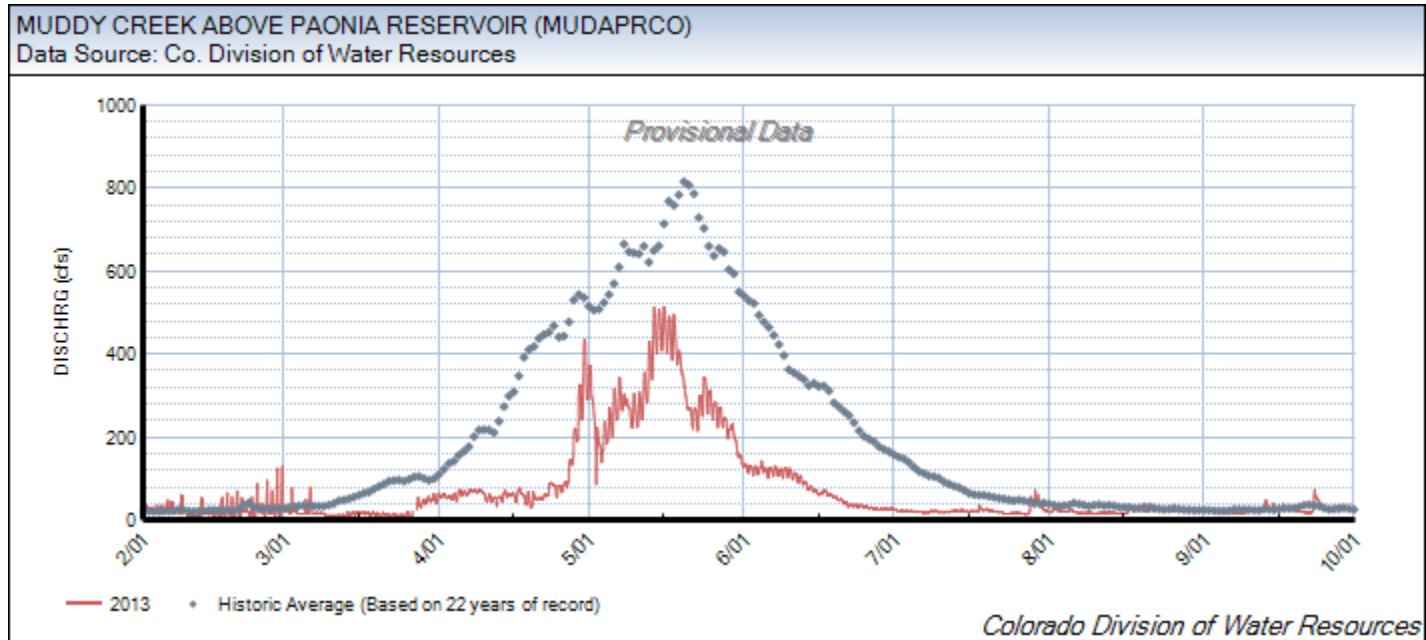
* # of sites does not meet basin threshold. Data from this year will not for use in calculation of statistics
 Updated: "Saturday, Feb 26, 2022 @ 04 AM PST"

Linear Scale
 Log Scale

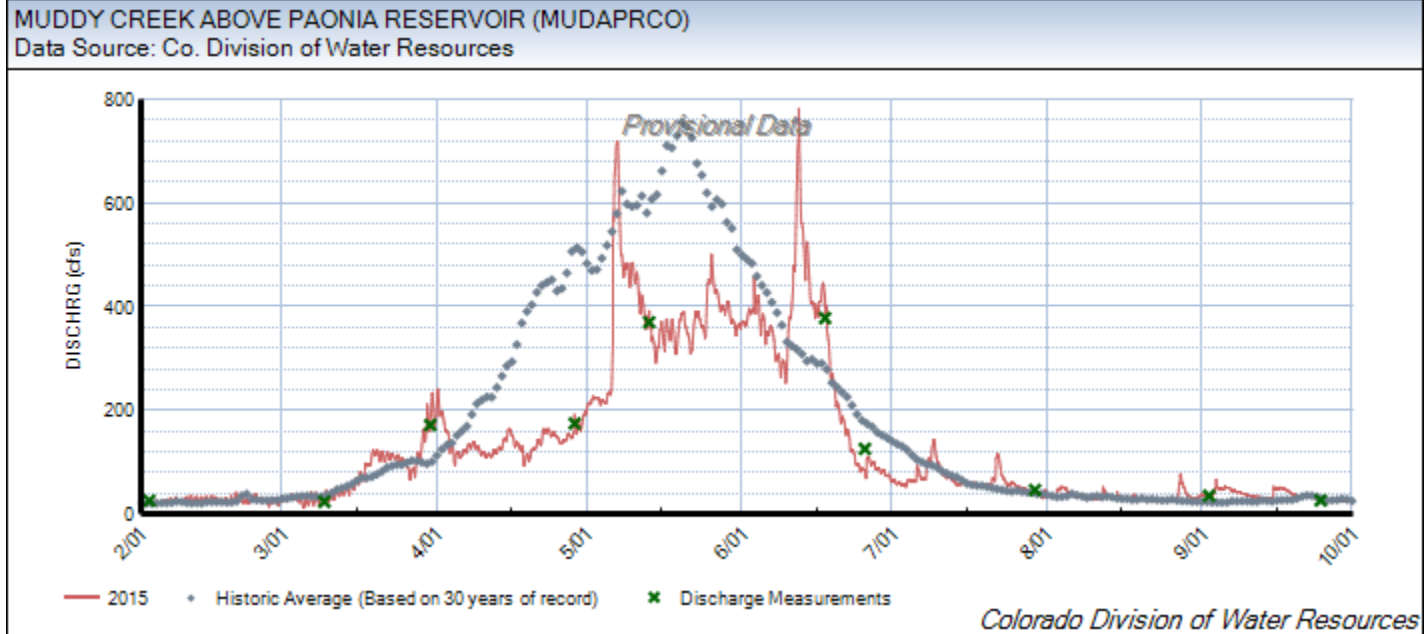
WY 2012: Low March 1 SWE, Dry Spring, Avg Dust



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



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



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

