

Colorado Dust-on-Snow Program

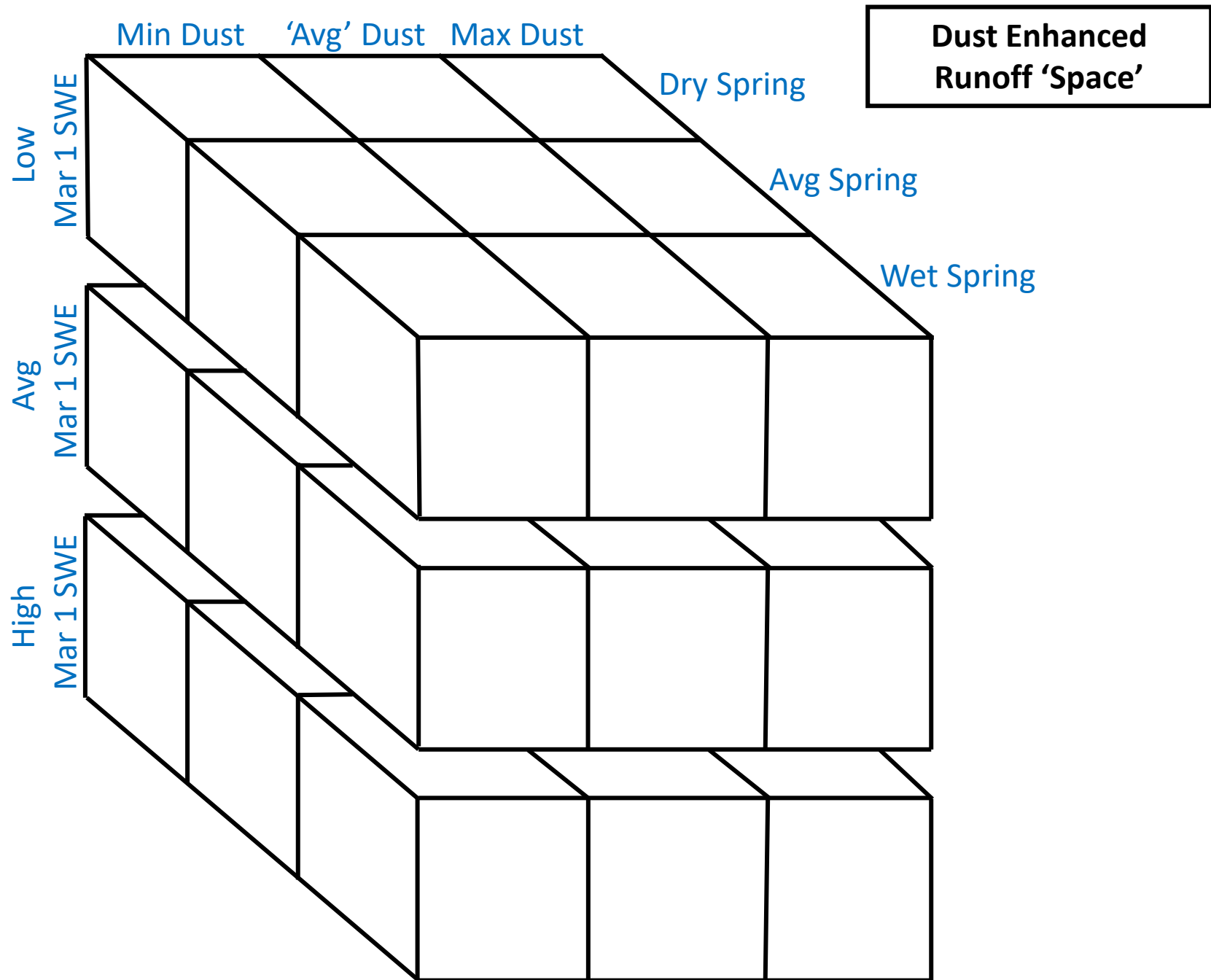
WY 2023 Dust Enhanced Runoff Classification

Rio Grande River Watershed

as of: March 1, 2023 Update

for:

Wolf Creek Summit, Beartown Snotels, Rio Grande at Del Norte



CODOS and Other Selected SNOTEL Sites % 1991-2020 Median March 1 SWE				
SNOTEL Site	Median	Actual	% Median SWE	CODOS Classification based on 1991-2020
	SWE	SWE	1991-2020	
	March 1	March 1	March 1	
	1991-2020	WY 2023	WY 2023	
Red Mtn Pass	17.1	21.4	125%	High
Slumgullion	10.6	10.0	94%	Average
Upper San Juan	23.9	30.0	126%	High
Wolf Creek Summit	24.4	31.6	130%	High
Beartown	16.6	21.3	128%	High
Lizard Head	11.8	15.9	135%	High
Park Cone	8.2	9.5	116%	High
Schofield Pass	24.2	32.1	133%	High
McClure Pass	13.4	19.9	149%	High
Independence Pass	13.0	12.5	96%	Average
Hoosier Pass	11.4			--
Grizzly Peak	13.6	12.4	91%	Average
Berthoud Summit	13.8	14.1	102%	Average
Willow Creek Pass	10.6	13.1	124%	High
Rabbit Ears Pass	19.6	23.7	121%	High
Mesa Lakes	12.3	15.6	127%	High

Rio Grande Watershed				
Beartown Snotel				
		Dry Spring	Avg Spring	Wet Spring
LOW March 1 SWE	Min Dust		2007	2015
	Avg Dust	2012, 2018	2014, 2016	
	Max Dust	2010, 2013	2006	
AVG March 1 SWE	Min Dust			
	Avg Dust	2020	2021	2011
	Max Dust	2022	2009	
HIGH March 1 SWE	Min Dust			
	Avg Dust	2008, 2017		2019
	Max Dust			

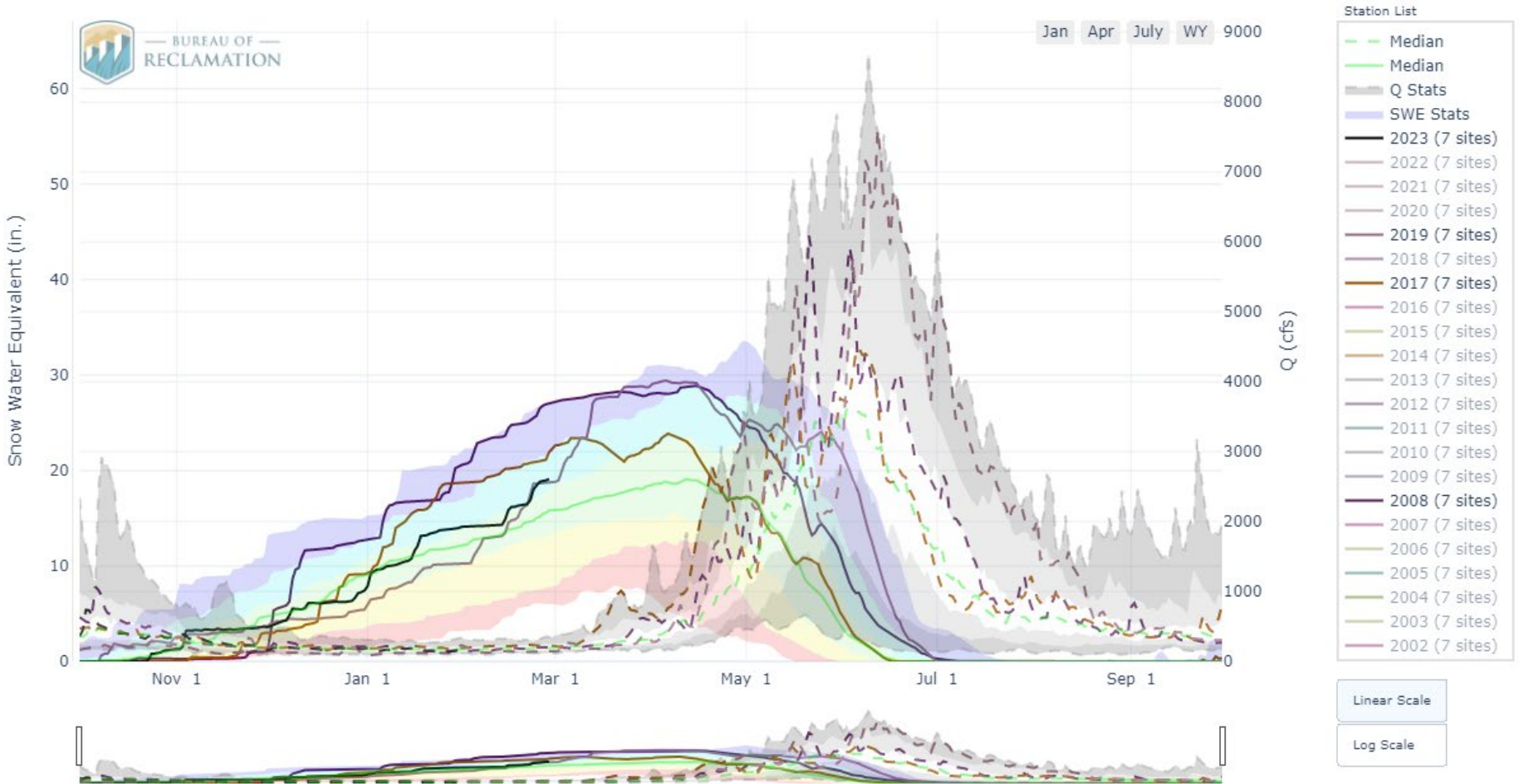
Rio Grande Watershed

Wolf Creek Summit Snotel

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

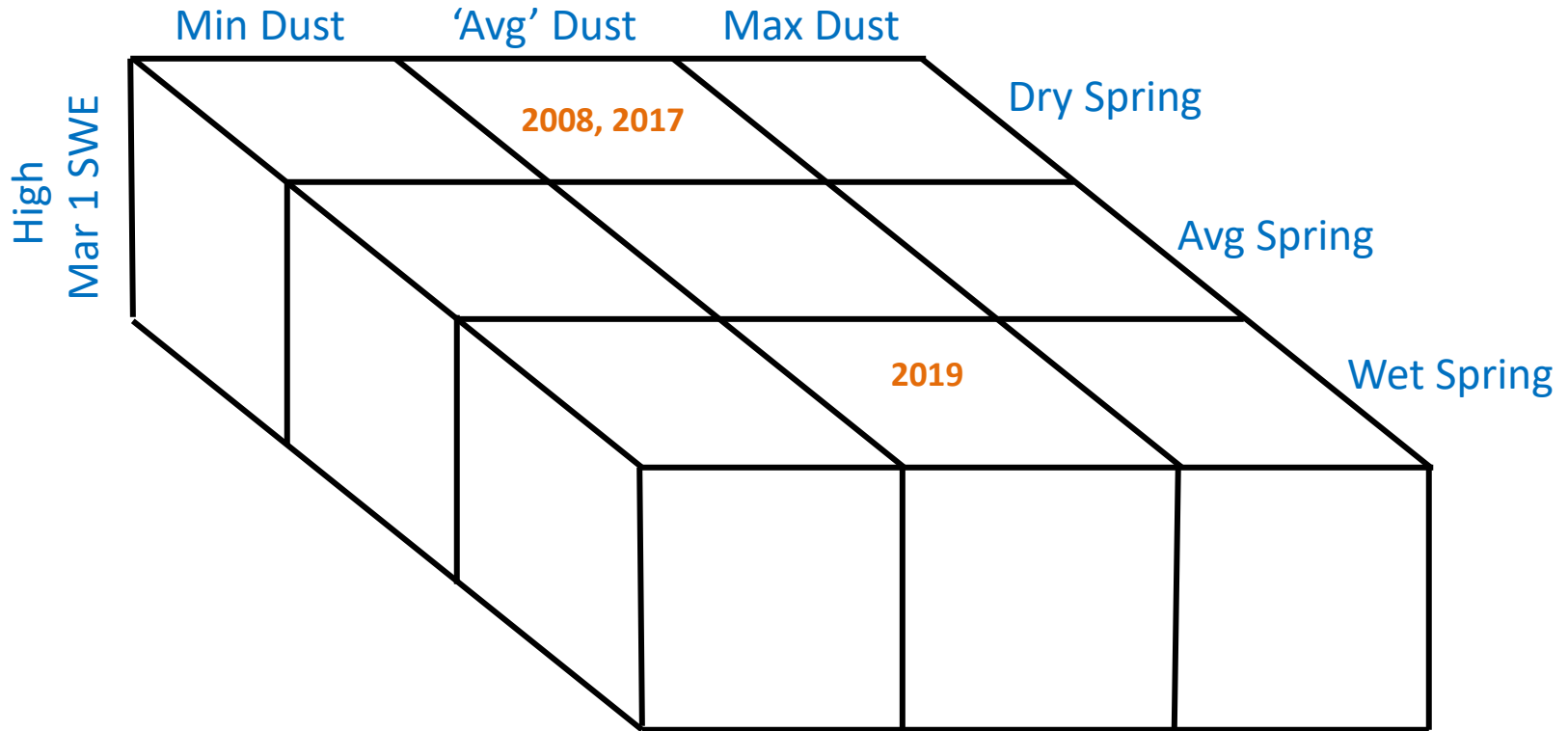
WY 2023 = High March 1 SWE

Snow to Flow Relationship for Rio Grande nr Del Norte

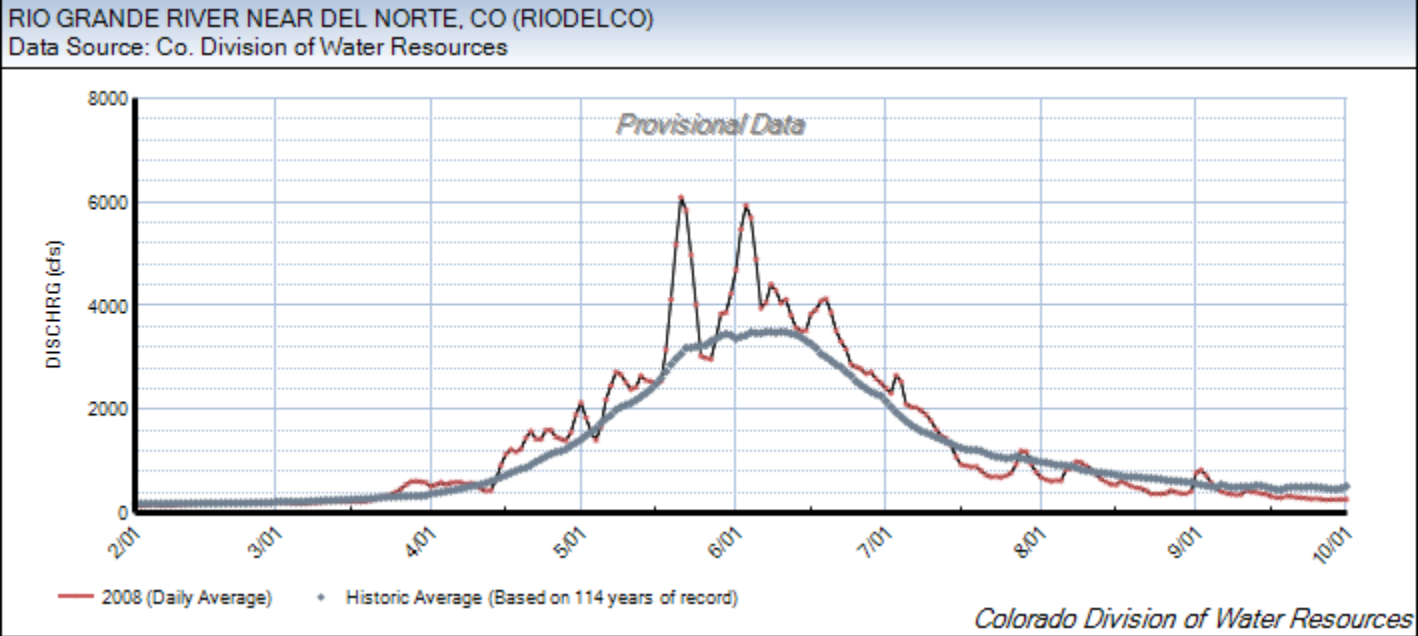


* # of sites does not meet basin threshold. Data from this year will not for use in calculation of statistics
Updated: "Tuesday, Feb 28, 2023 @ 04 AM PST"

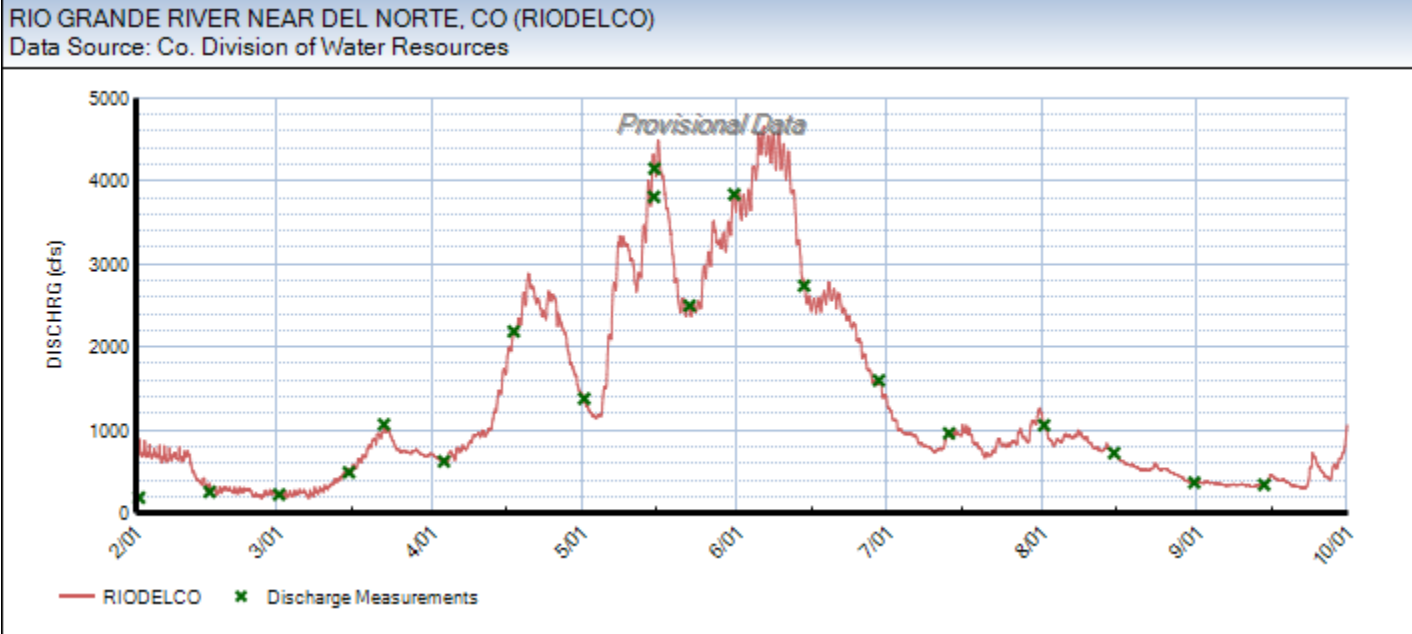
Rio Grande River Watershed – Wolf Creek Summit Snotel
WY 2022 = High March 1 SWE



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



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



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

