

Colorado Dust-on-Snow Program

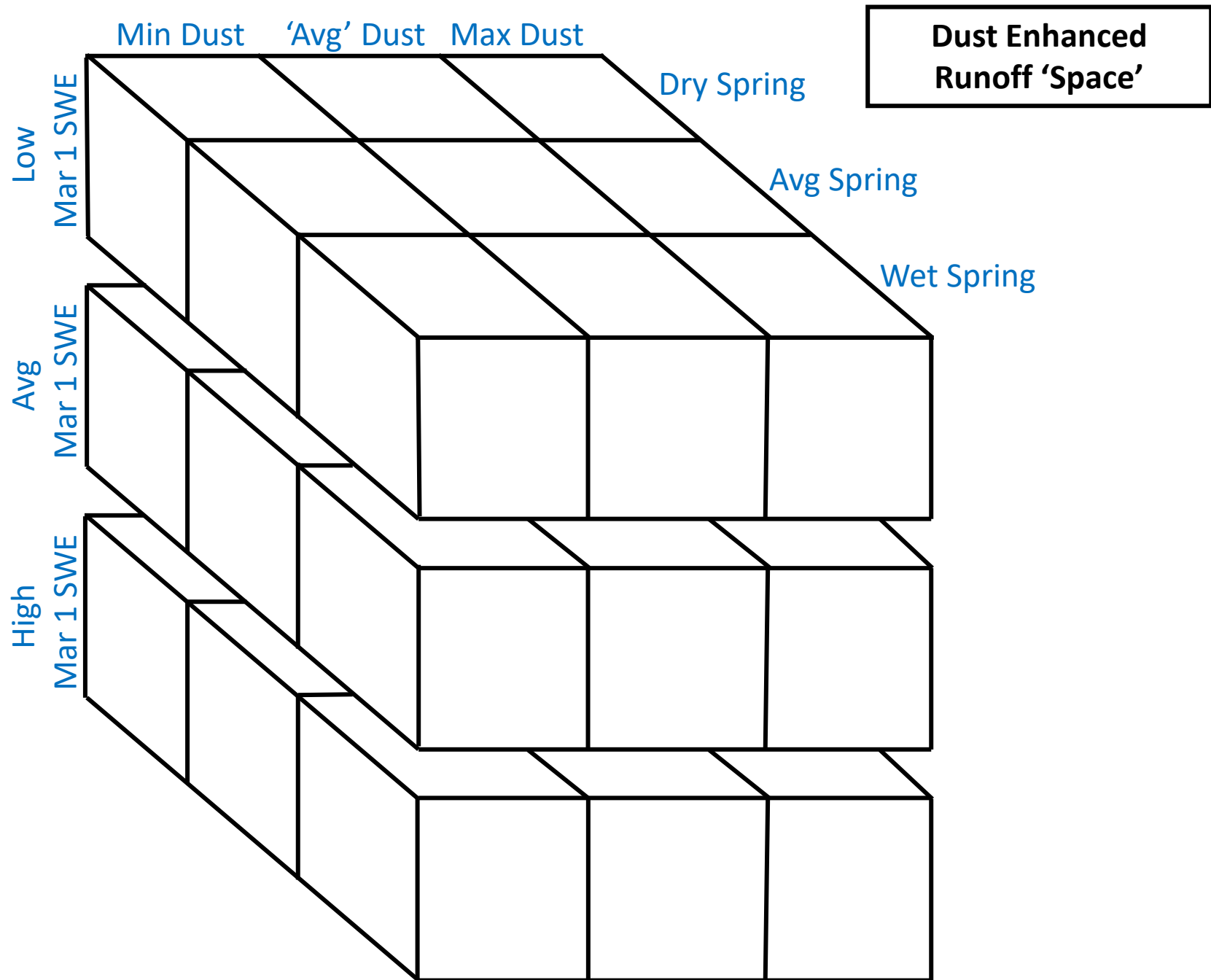
# WY 2023 Dust Enhanced Runoff Classification

## San Juan River Watershed

as of: March 1, 2023 Update

for:

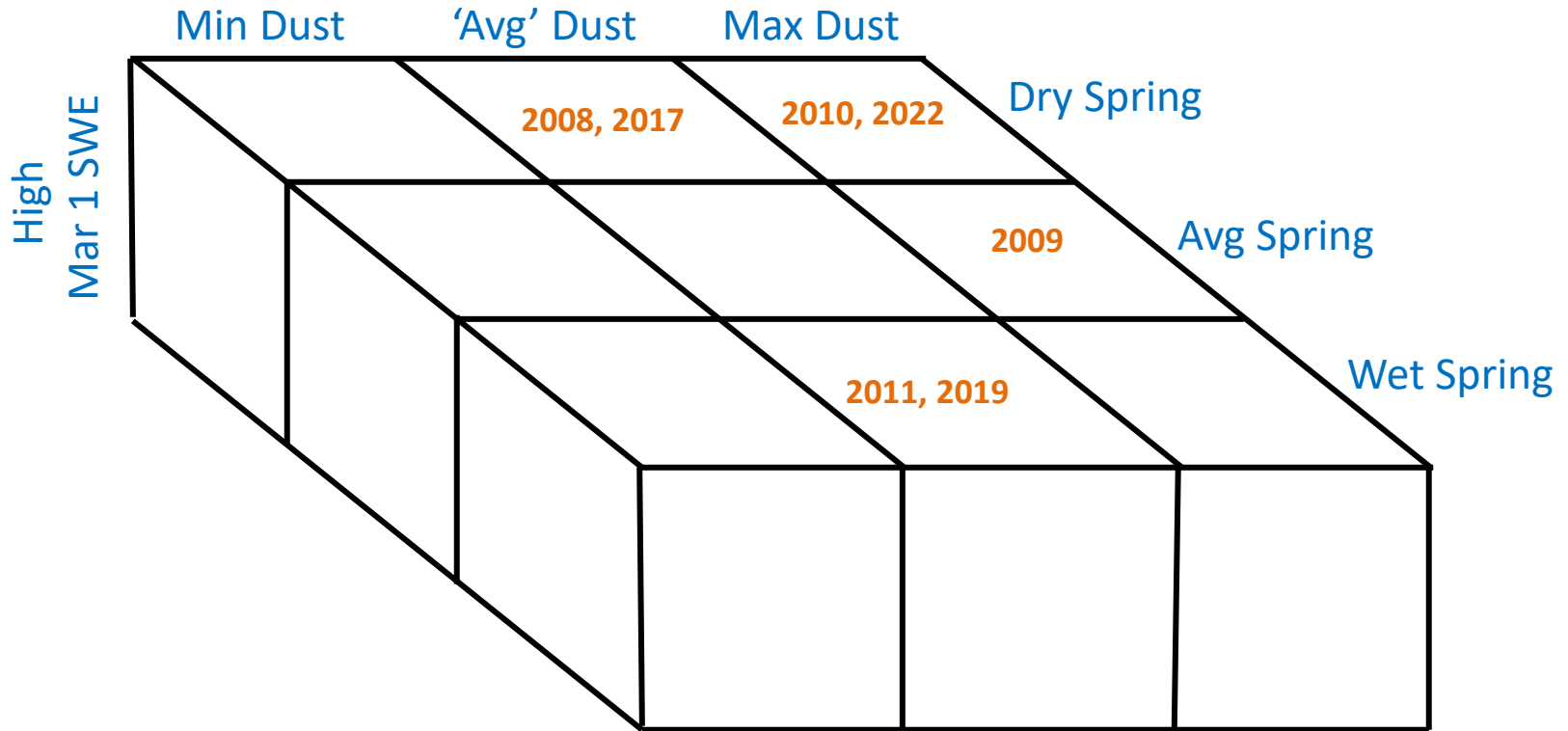
Wolf Creek Summit Snotel, San Juan River at Pagosa Spgs



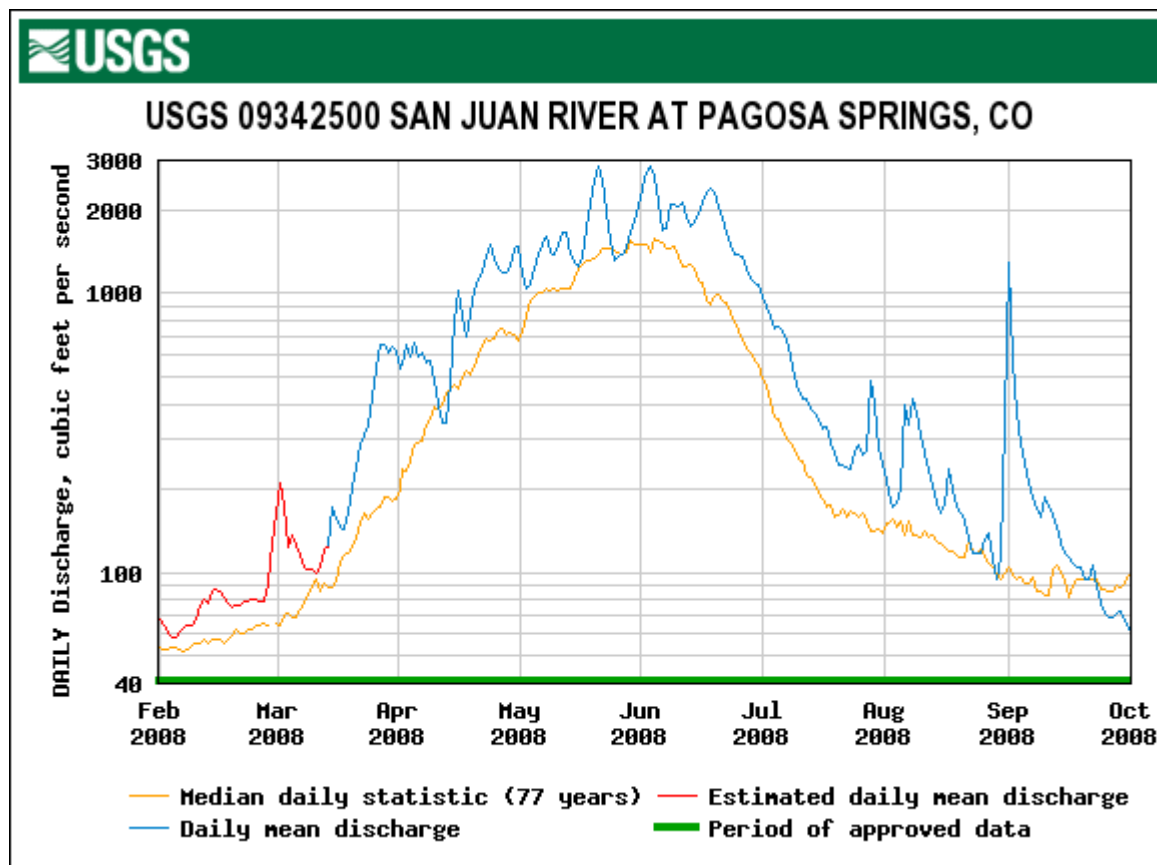
<b>CODOS and Other Selected SNOTEL Sites % 1991-2020 Median March 1 SWE</b>				
SNOTEL Site	Median	Actual	% Median SWE	<b>CODOS Classification based on 1991-2020</b>
	SWE	SWE	1991-2020	
	March 1	March 1	March 1	
	1991-2020	WY 2023	WY 2023	
Red Mtn Pass	17.1	21.4	125%	<b>High</b>
Slumgullion	10.6	10.0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

<b>San Juan River Watershed</b>				
Wolf Creek Summit Snotel				
		<b>Dry Spring</b>	<b>Avg Spring</b>	<b>Wet Spring</b>
<b>LOW March 1 SWE</b>	<b>Min Dust</b>			2015
	<b>Avg Dust</b>	2018, 2020	2014	
	<b>Max Dust</b>	2013		2006
<b>AVG March 1 SWE</b>	<b>Min Dust</b>		2007	
	<b>Avg Dust</b>	2012	2016	
	<b>Max Dust</b>			
<b>HIGH March 1 SWE</b>	<b>Min Dust</b>			
	<b>Avg Dust</b>	2008, 2017		2011, 2019
	<b>Max Dust</b>	2010, 2022	2009	

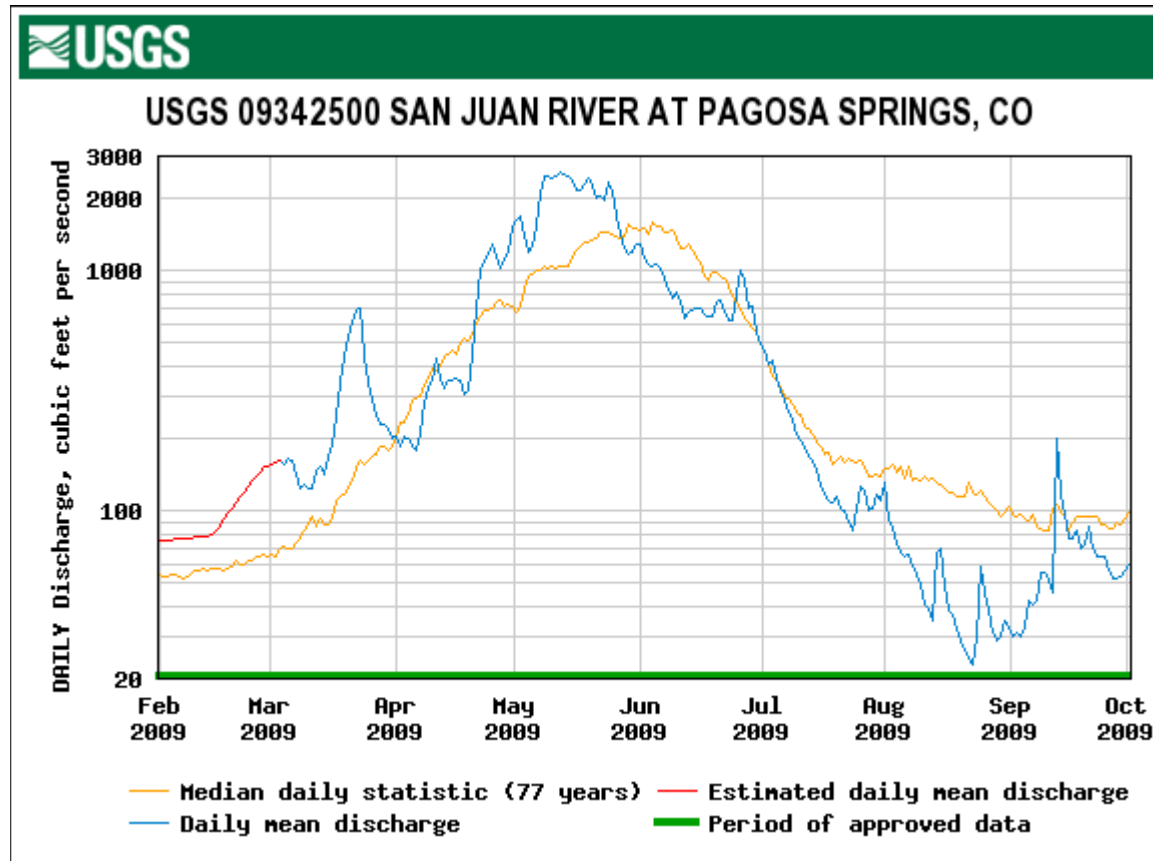
San Juan River Watershed – Wolf Creek Summit Snotel  
**WY 2023 = High March 1 SWE**



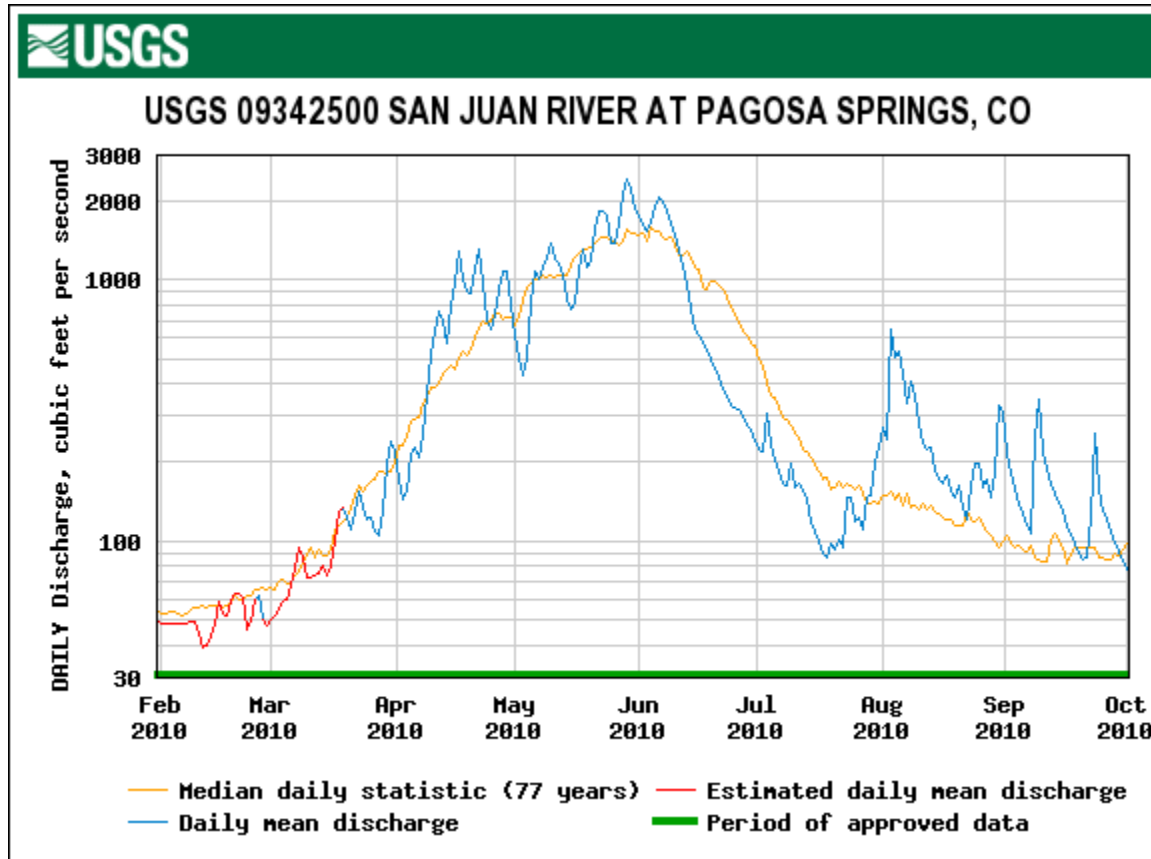
WY 2008: High March 1 SWE, Dry Spring, Avg Dust



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

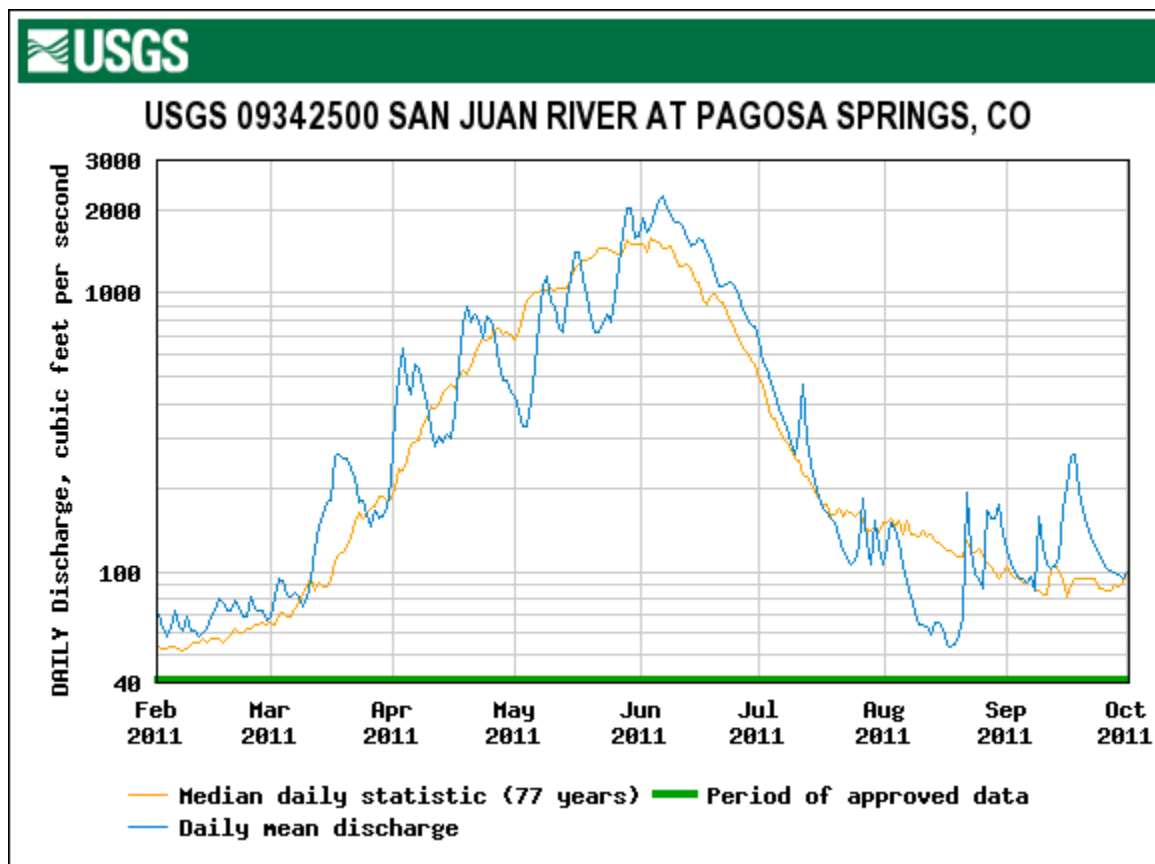


# WY 2010: High March 1 SWE, Dry Spring, Max- Dust

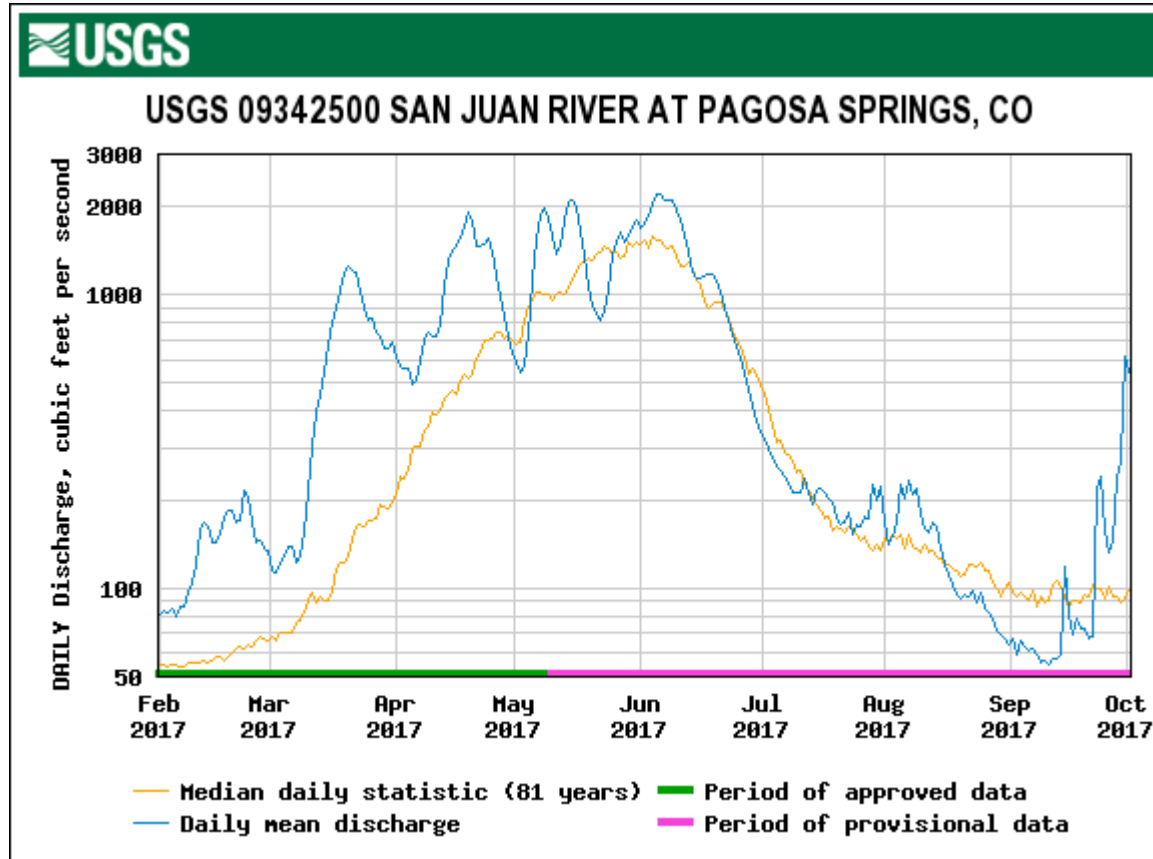




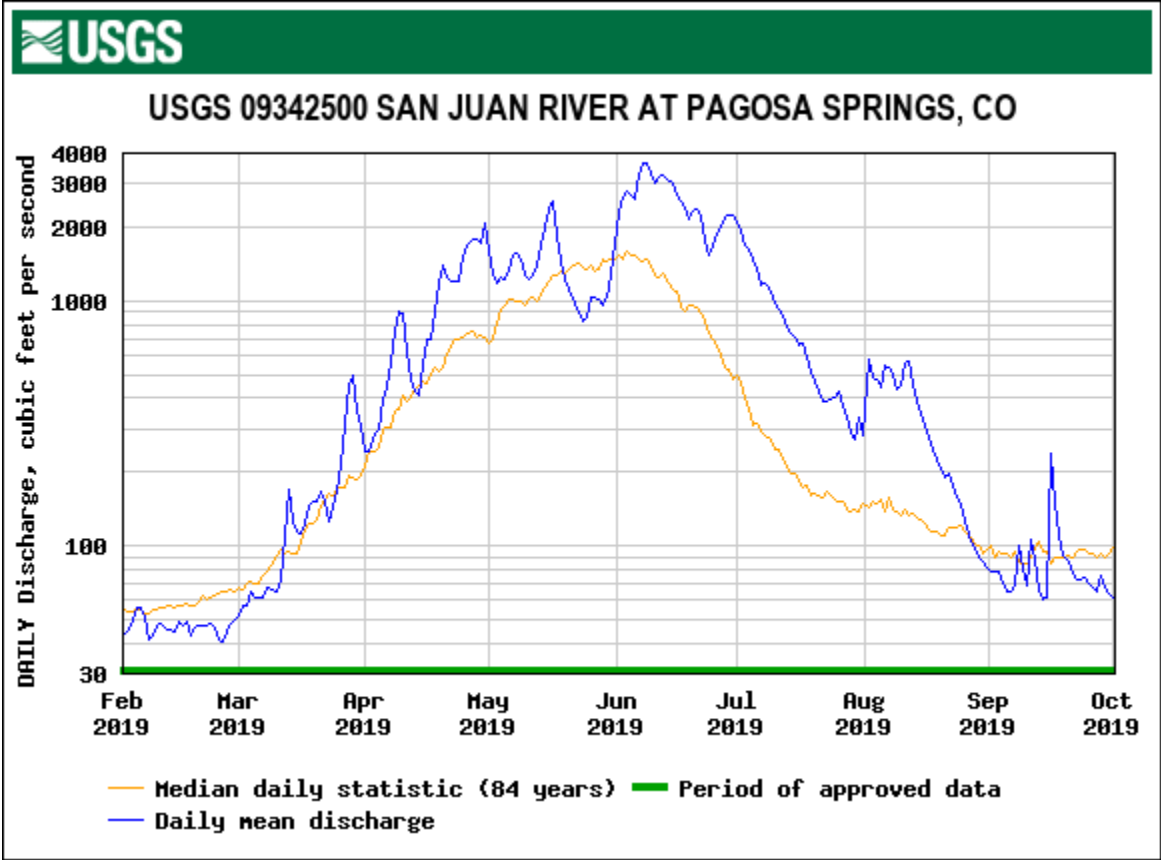
## WY 2011: High March 1 SWE, Wet Spring, Avg Dust



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



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



# WY 2022: High March 1 SWE, Dry Spring, Max Dust

