

Colorado Dust-on-Snow Program

WY 2019 Dust Enhanced Runoff Classification

San Juan River Watershed

as of: March 1, 2019 Update

for:

Wolf Creek Summit Snotel, San Juan River at Pagosa Spgs



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 2019	WY 2019	Classification
Red Mtn Pass	17.5	22.8	130%	High
Slumgullion	10.4	13.9	134%	High
Upper San Juan	26.0	26.2	101%	Average
Wolf Creek Summit	24.9	30.5	122%	High
Beartown	18.7	22.1	118%	High
Lizard Head	12.2	14.1	116%	High
Park Cone	8.3	8.4	101%	Average
Schofield Pass	25.2	28.3	112%	High
McClure Pass	13.5	14.2	105%	Average
Independence Pass	12.7	13.7	108%	Average
Hoosier Pass	10.9	14.1	129%	High
Grizzly Peak	13.2	15.3	116%	High
Berthoud Summit	13.9	13.7	99%	Average
Willow Creek Pass	9.5	11.0	116%	High
Rabbit Ears Pass	19.1	19.5	102%	Average
Mesa Lakes	12.7	15.1	119%	High

San Juan River Watershed

Wolf Creek Summit Snotel

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

Dry Spring	Avg Spring	Wet Spring
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2008 2007 2006
 2010 2009 2011
 2012 2014 2015
 2013 2016
 2017

2018

Mar 1 SWE

1981-2010

Median Actual %

Low Swe	Avg Swe	High SWE
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2006 2007 2008
 2013 2012 2009
 2014 2016 2010
 2015 2011
 2018

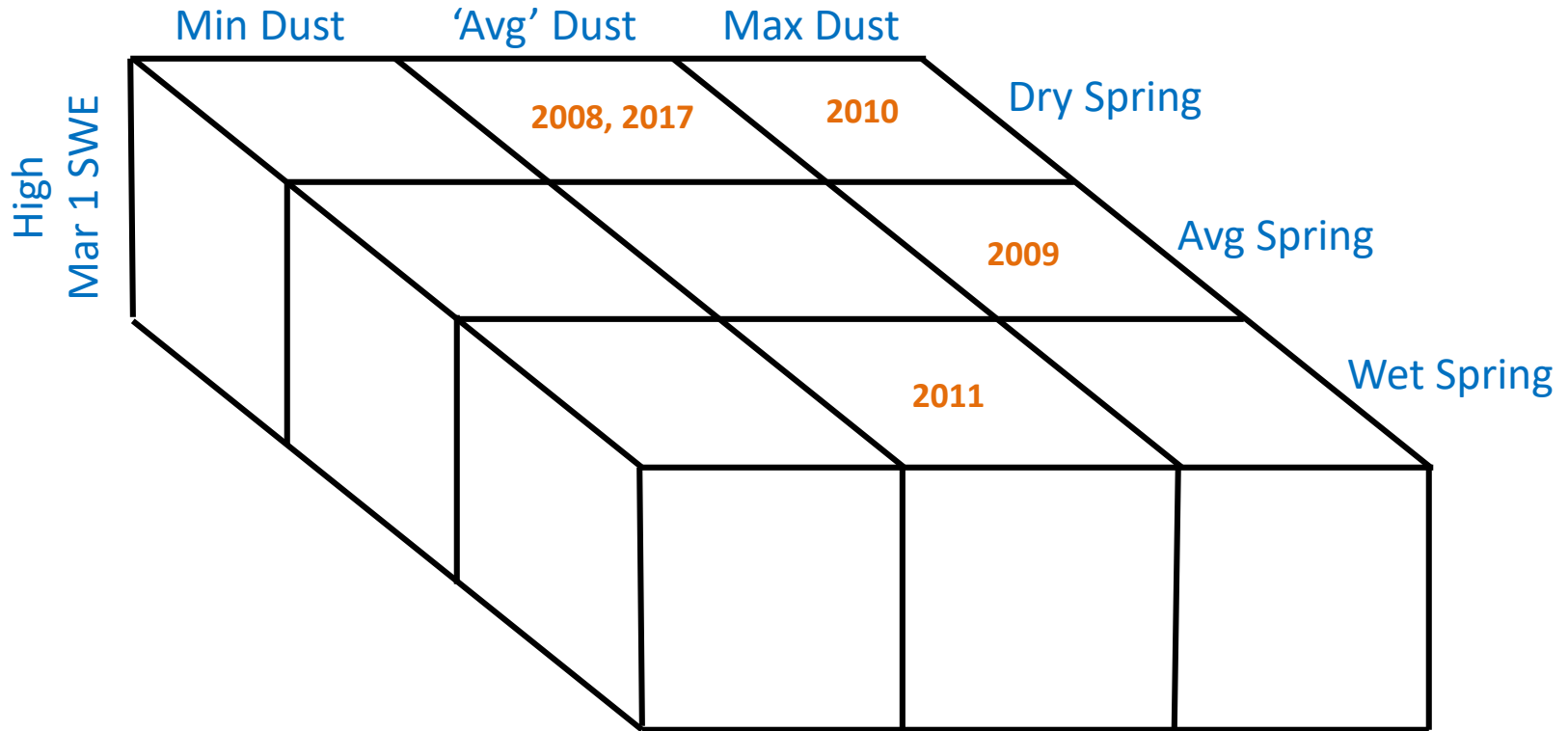
2006	24.9	10.1	41%
2007	24.9	23.8	96%
2008	24.9	43.6	175%
2009	24.9	27.6	111%
2010	24.9	29.8	120%
2011	24.9	27.7	111%
2012	24.9	25.4	102%
2013	24.9	19.4	78%
2014	24.9	19.5	78%
2015	24.9	15.8	63%
2016	24.9	26.1	105%
2017	24.9	36.8	148%
2018	24.9	18.8	76%

Min Dust	Avg Dust	Max Dust
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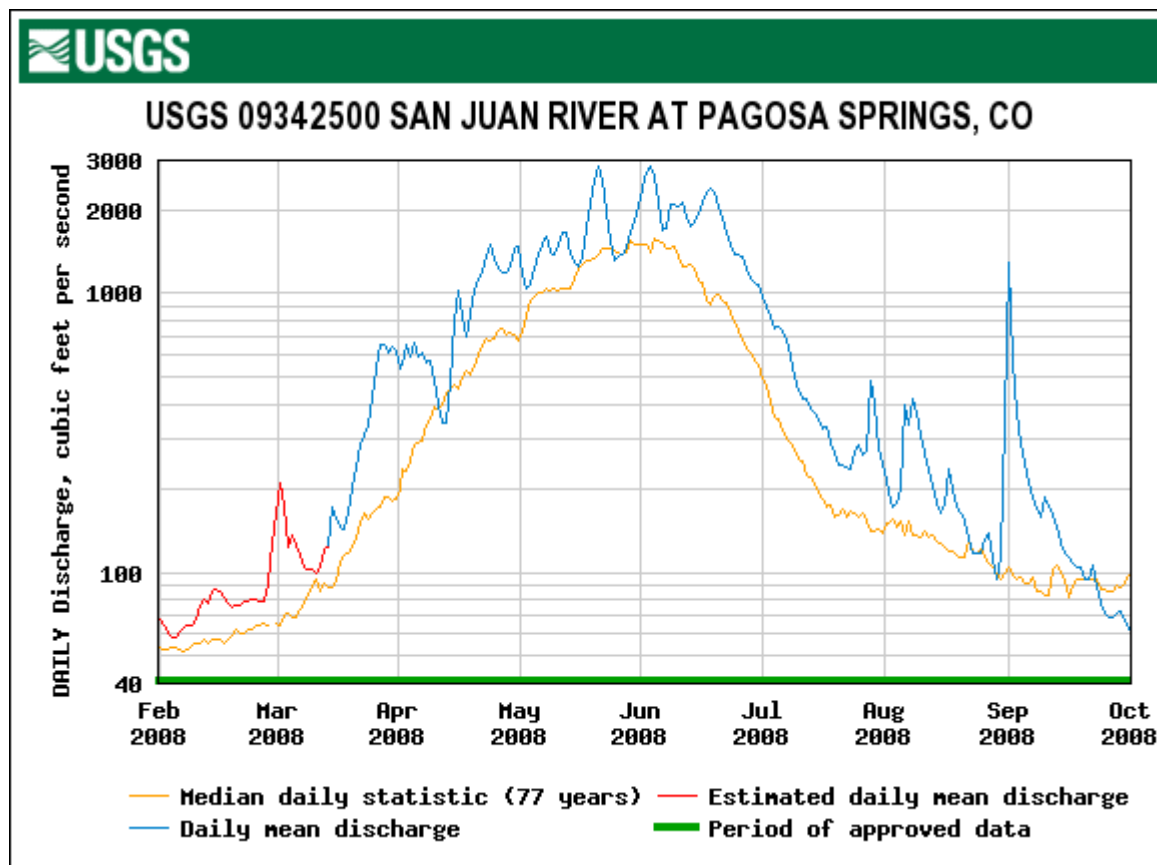
2006
 2007
 2008
 2009
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 2016
 2017
 2018

San Juan River Watershed – Wolf Creek Summit Snotel

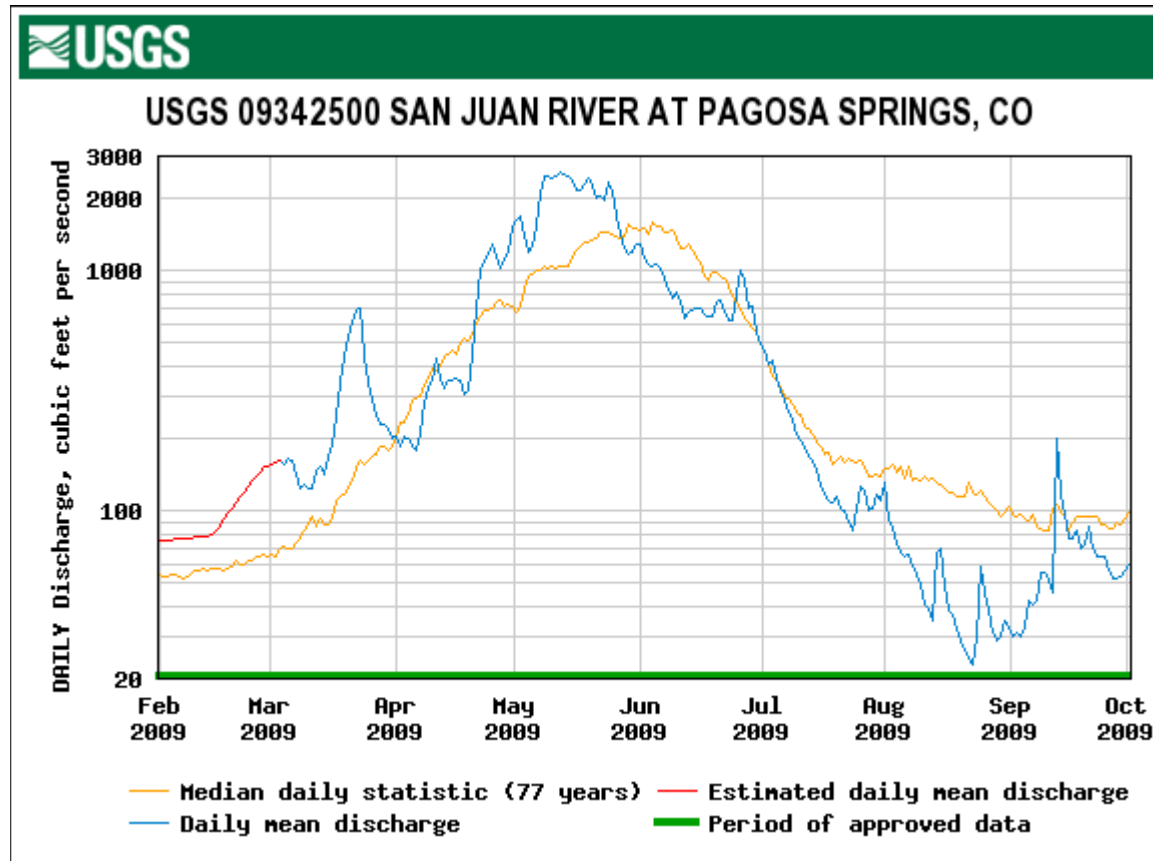
WY 2019 = High March 1 SWE



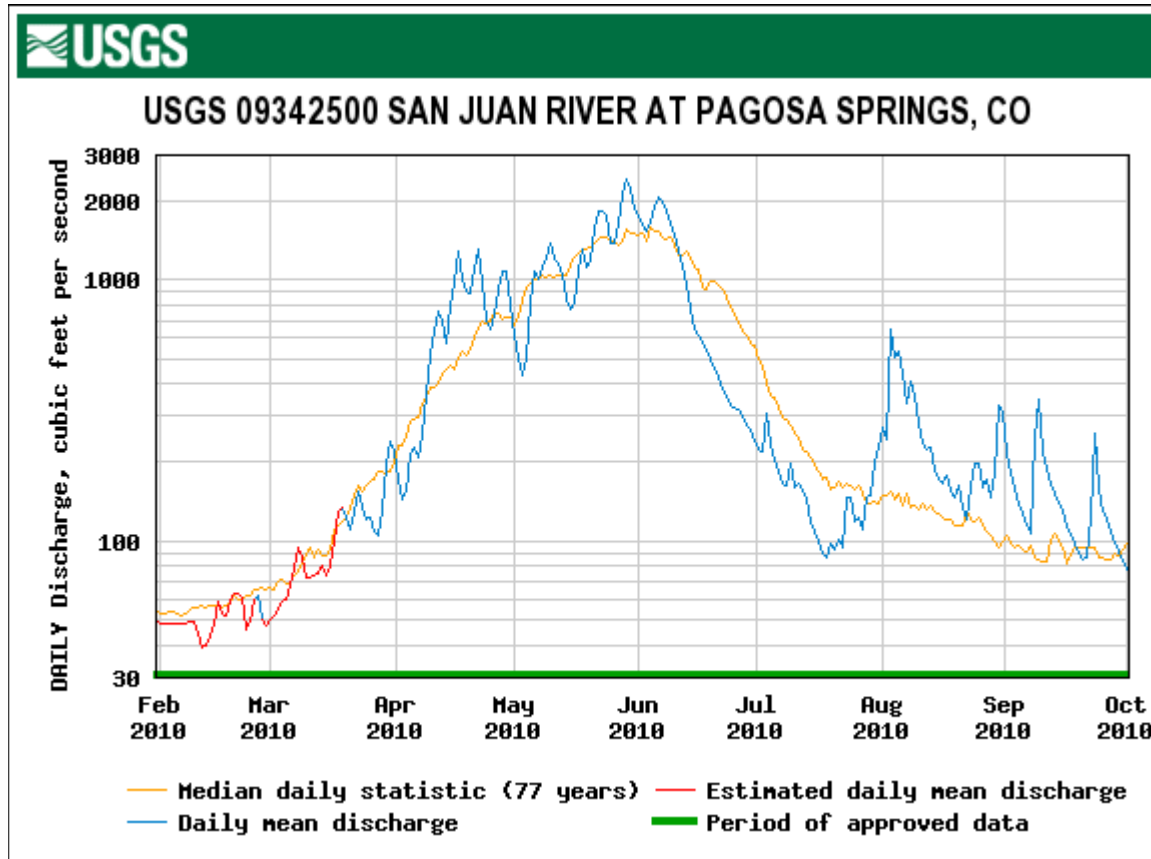
WY 2008: High March 1 SWE, Dry Spring, Avg Dust



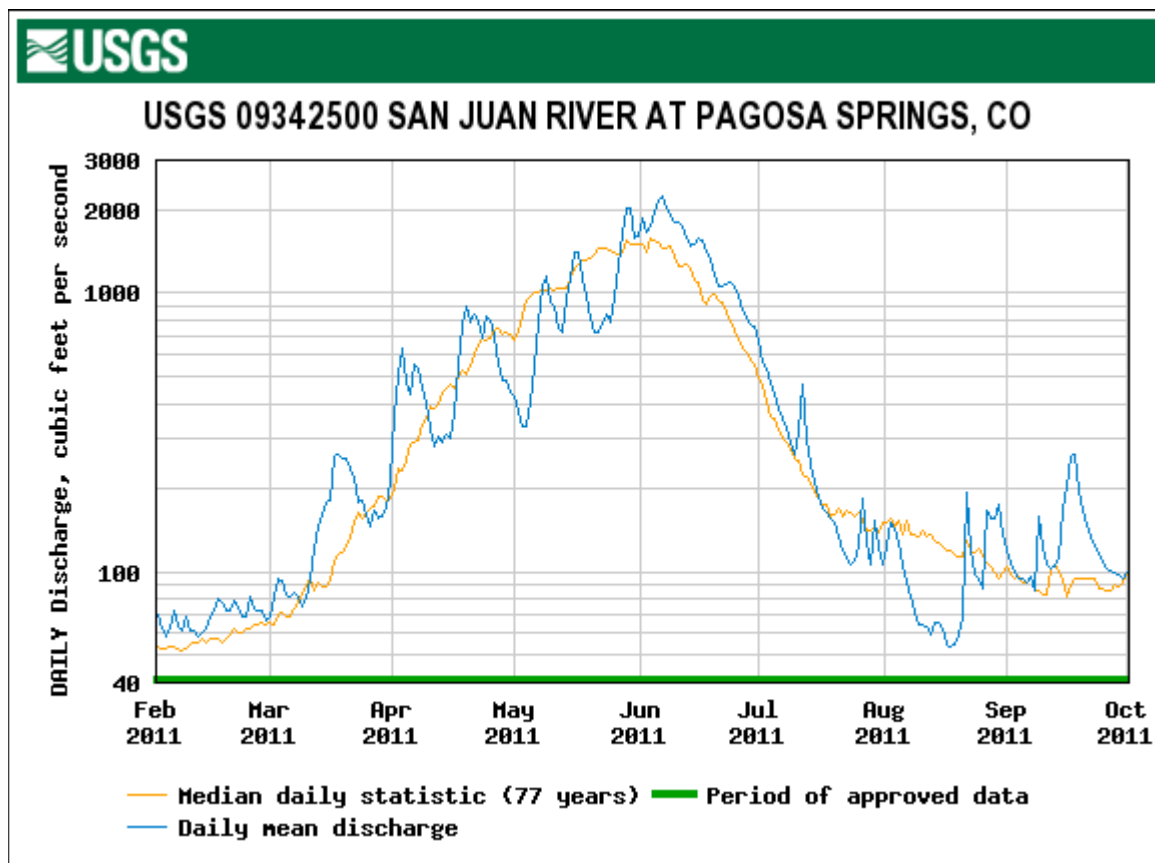
WY 2009: High March 1 SWE, Avg Spring, Max Dust



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

