

Colorado Dust-on-Snow Program

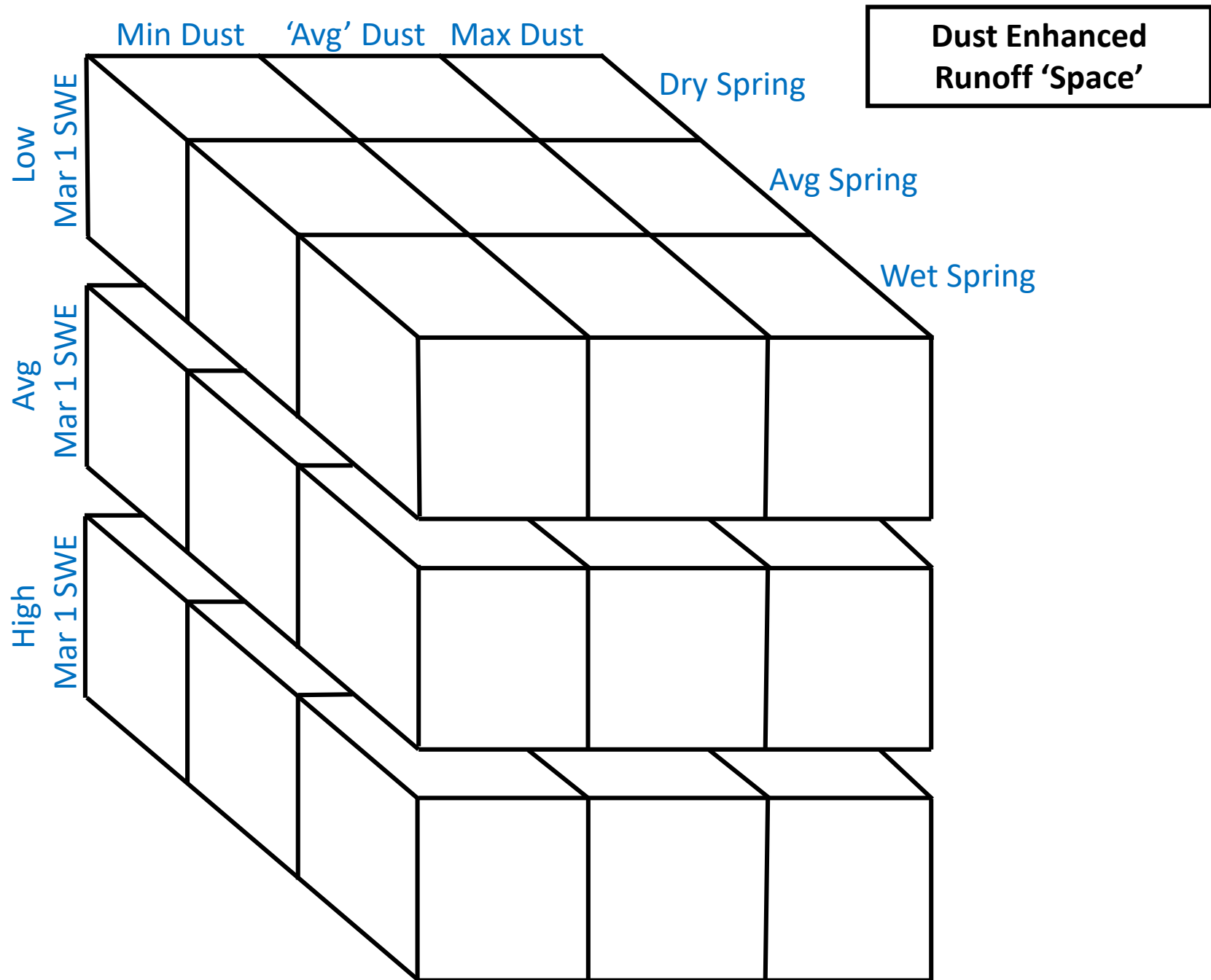
WY 2021 Dust Enhanced Runoff Classification

San Juan River Watershed

as of: March 1, 2021 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 2021	WY 2021	Classification
Red Mtn Pass	17.5	15.7	90%	<i>Average</i>
Slumgullion	10.4	9.6	92%	<i>Average</i>
Upper San Juan	26.0	23.0	88%	<i>Low</i>
Wolf Creek Summit	24.9	25.7	103%	<i>Average</i>
Beartown	18.7	14.7	79%	<i>Low</i>
Lizard Head	12.2	10.4	85%	<i>Low</i>
Park Cone	8.3	6.6	80%	<i>Low</i>
Schofield Pass	25.2	19.5	77%	<i>Low</i>
McClure Pass	13.5	10.5	78%	<i>Low</i>
Independence Pass	12.7	10.3	81%	<i>Low</i>
Hoosier Pass	10.9	9.8	90%	<i>Average</i>
Grizzly Peak	13.2	10.6	80%	<i>Low</i>
Berthoud Summit	13.9	12.7	91%	<i>Average</i>
Willow Creek Pass	9.5	9.2	97%	<i>Average</i>
Rabbit Ears Pass	19.1	13.8	72%	<i>Low</i>
Mesa Lakes	12.7	8.8	69%	<i>Low</i>

San Juan River 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	2016	
	Max Dust			
HIGH March 1 SWE	Min Dust			
	Avg Dust	2008, 2017		2011, 2019
	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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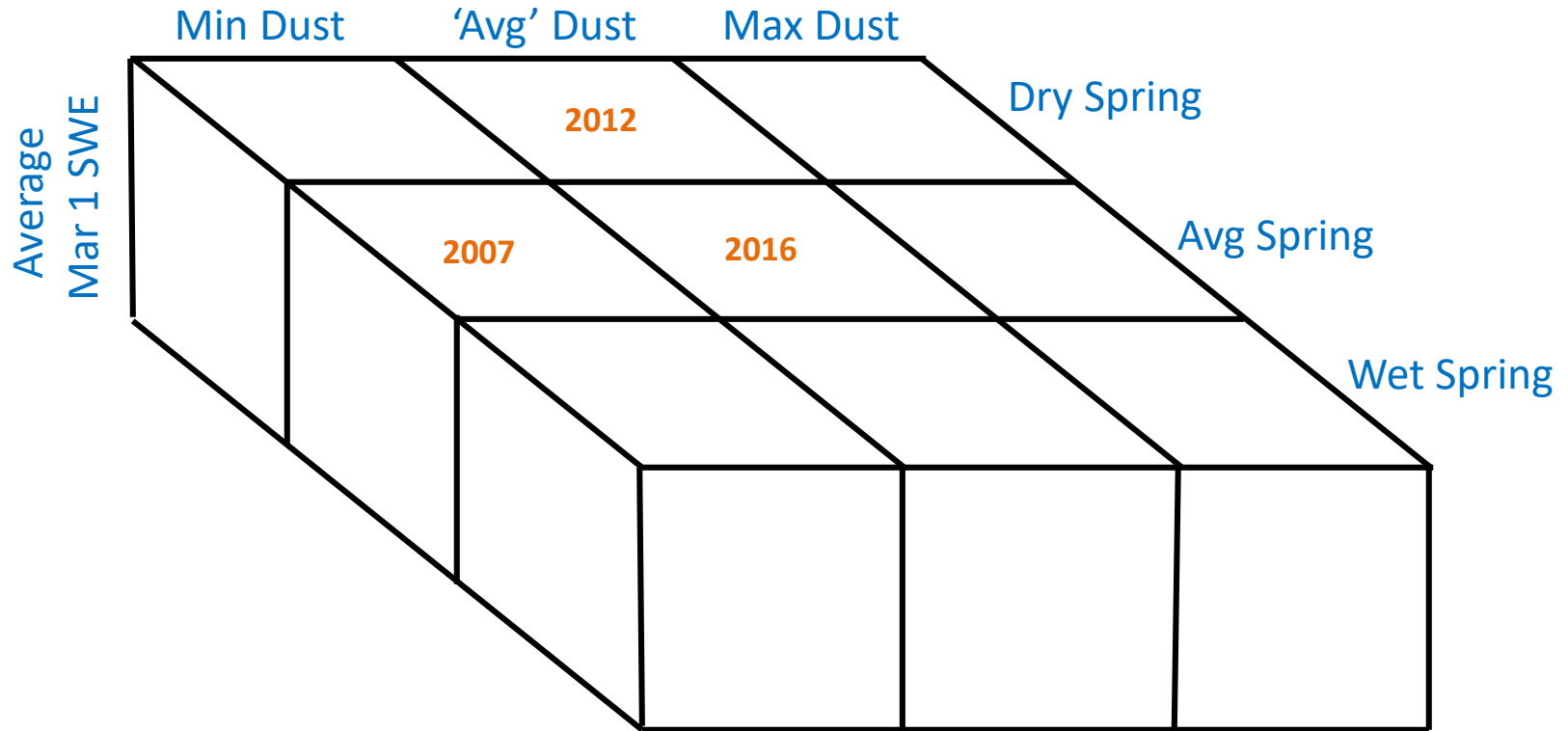
2006 2007 2008
 2013 2012 2009
 2014 2016 2010
 2015 2011
 2018

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%

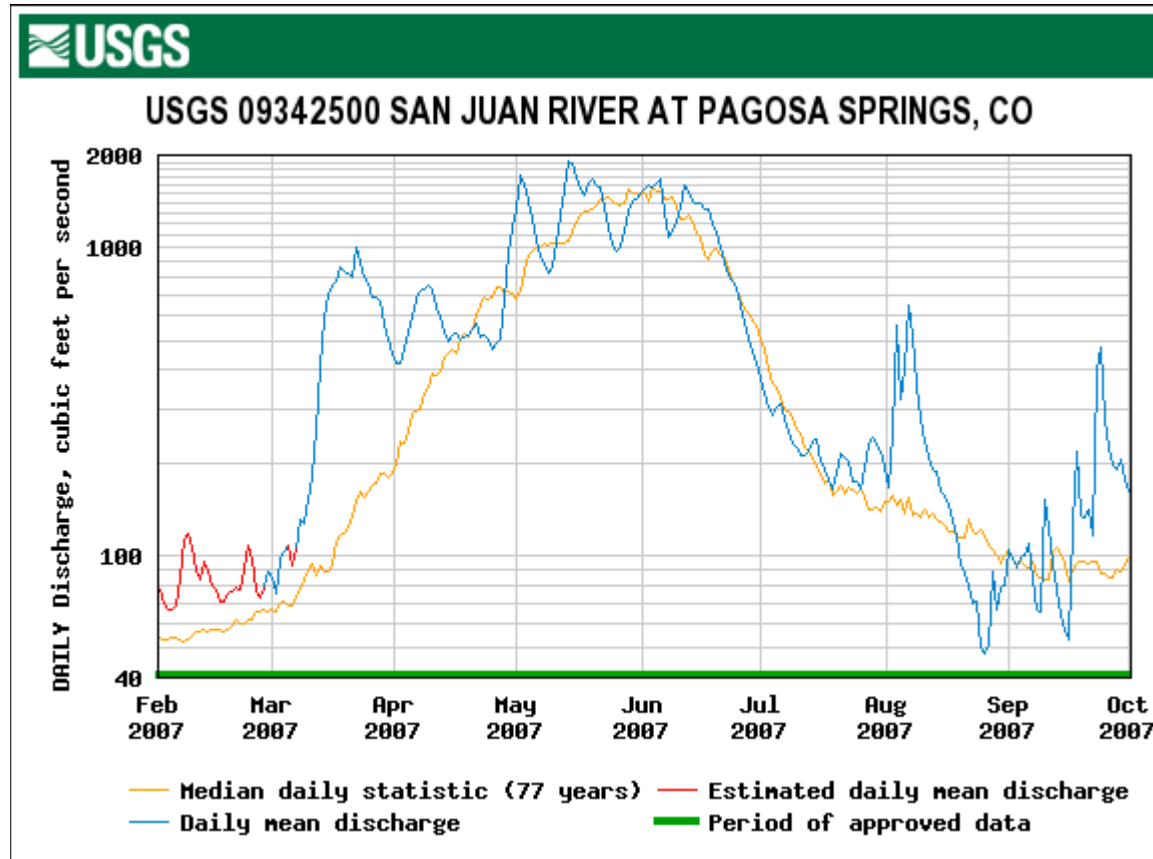
Min Dust	Avg Dust	Max Dust
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2006
 2007
 2008
 2009
 2010
 2011
 2012
 2013
 2014
 2015
 2016
 2017
 2018

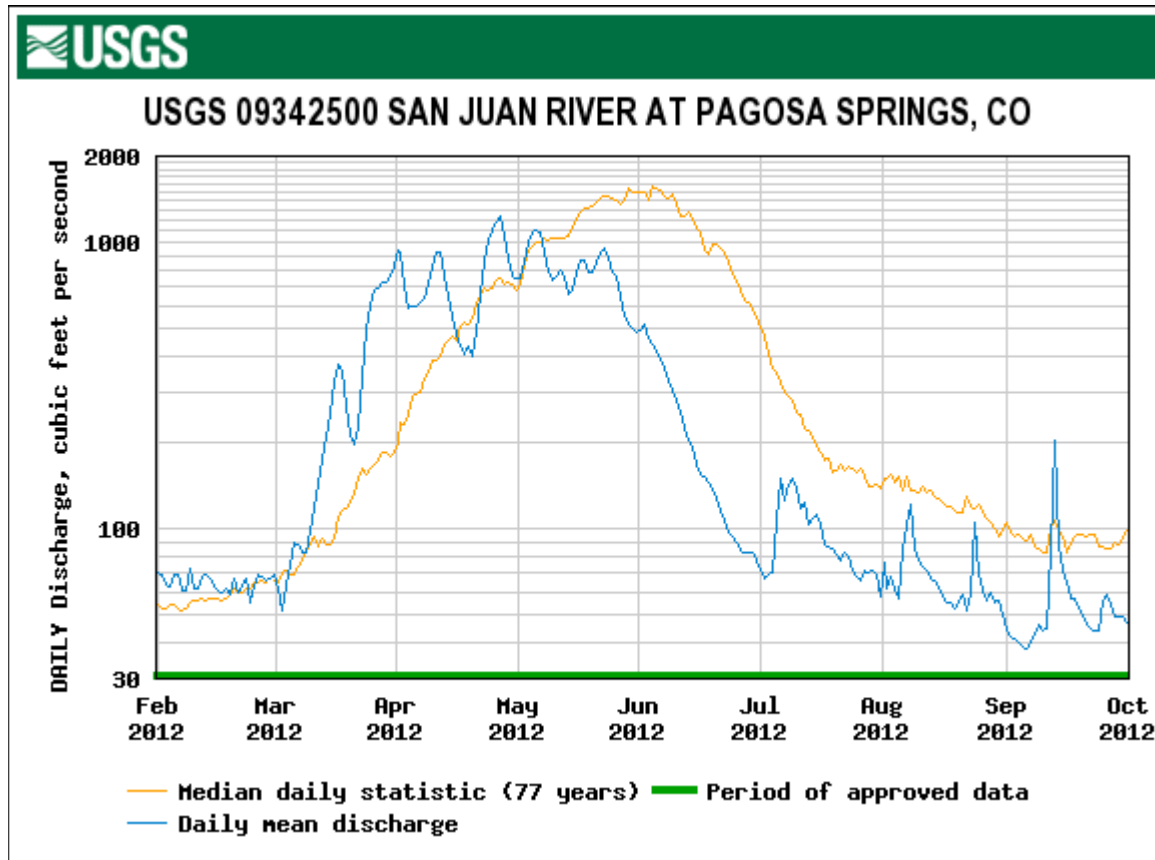
San Juan River Watershed – Wolf Creek Summit Snotel
WY 2021 = Average March 1 SWE



WY 2007: Avg March 1 SWE, Avg Spring, Min+ Dust



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



WY 2016: Avg March 1 SWE, Avg Spring, Avg Dust

