

Colorado Dust-on-Snow Program

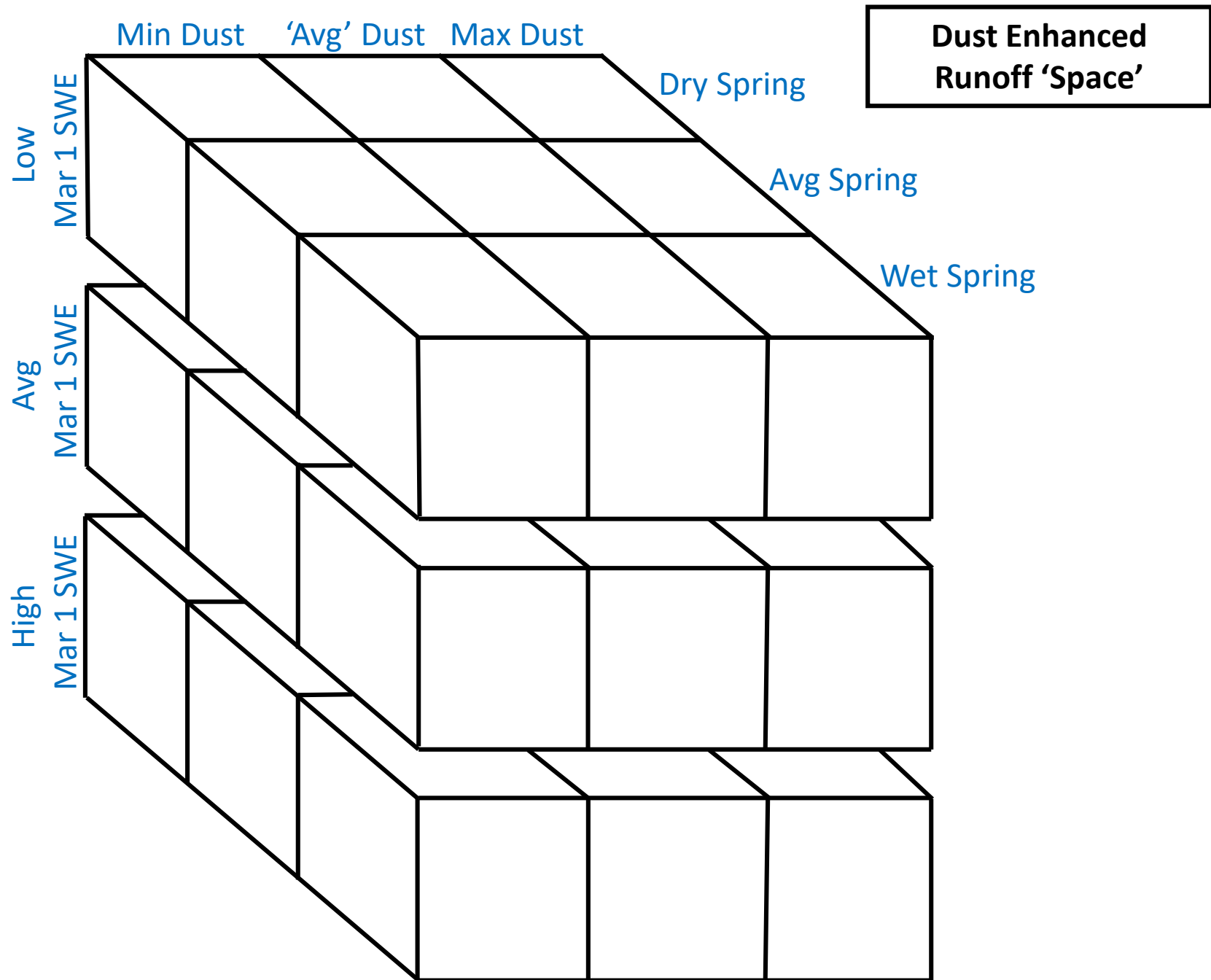
# WY 2021 Dust Enhanced Runoff Classification

## Animas River Watershed

as of: March 1, 2021 Update

for:

Red Mountain Pass Snotel, Animas River at Durango



<b>CODOS and Other Selected SNOTEL Sites</b>				
<b>% 1981-2010 Median March 1 SWE</b>				
	Median SWE March 1 1981-2010	Actual SWE March 1 WY 2021	% Median SWE March 1 WY 2021	<b>CODOS March 1 SWE Classification</b>
SNOTEL Site				
Red Mtn Pass	17.5	15.7	90%	<b><i>Average</i></b>
Slumgullion	10.4	9.6	92%	<b><i>Average</i></b>
Upper San Juan	26.0	23.0	88%	<b><i>Low</i></b>
Wolf Creek Summit	24.9	25.7	103%	<b><i>Average</i></b>
Beartown	18.7	14.7	79%	<b><i>Low</i></b>
Lizard Head	12.2	10.4	85%	<b><i>Low</i></b>
Park Cone	8.3	6.6	80%	<b><i>Low</i></b>
Schofield Pass	25.2	19.5	77%	<b><i>Low</i></b>
McClure Pass	13.5	10.5	78%	<b><i>Low</i></b>
Independence Pass	12.7	10.3	81%	<b><i>Low</i></b>
Hoosier Pass	10.9	9.8	90%	<b><i>Average</i></b>
Grizzly Peak	13.2	10.6	80%	<b><i>Low</i></b>
Berthoud Summit	13.9	12.7	91%	<b><i>Average</i></b>
Willow Creek Pass	9.5	9.2	97%	<b><i>Average</i></b>
Rabbit Ears Pass	19.1	13.8	72%	<b><i>Low</i></b>
Mesa Lakes	12.7	8.8	69%	<b><i>Low</i></b>

# Animas River Watershed

Red Mountain Pass Snotel

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

Dry Spring	Avg Spring	Wet Spring
2008	2006	2011
2009	2007	2015
2010	2014	
2012	2016	
2013		
2017		
2018		
Low Swe	Avg Swe	High SWE
2006	2007	2008
2012	2010	2009
2013	2014	2011
2016	2015	2017
2018		
Min Dust	Avg Dust	Max Dust
	2006	
2007		
	2008	
		2009
	2010	
	2011	
	2012	
		2013
	2014	
2015		
	2016	
	2017	
	2018	

Mar 1 SWE

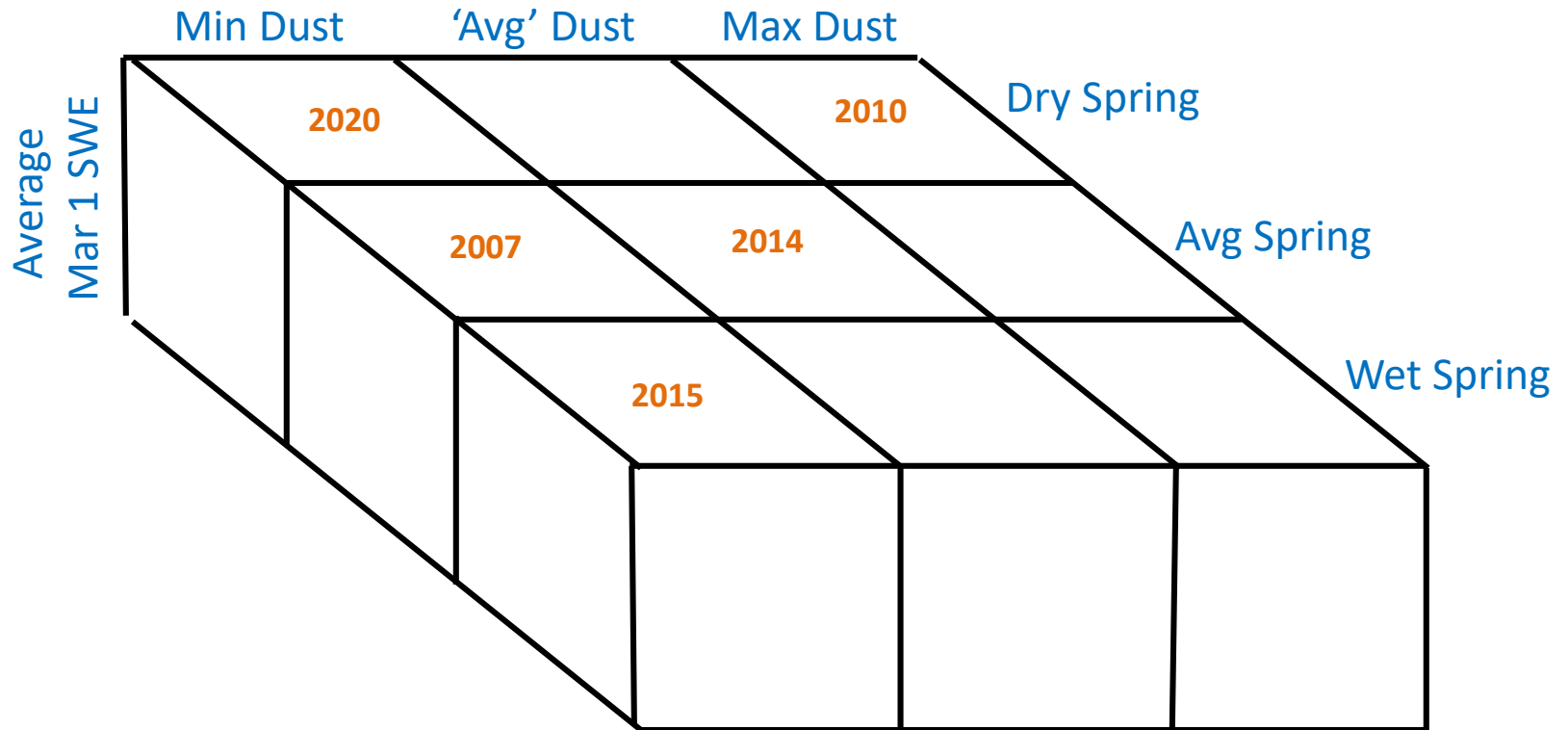
1981-2010

Median Actual %

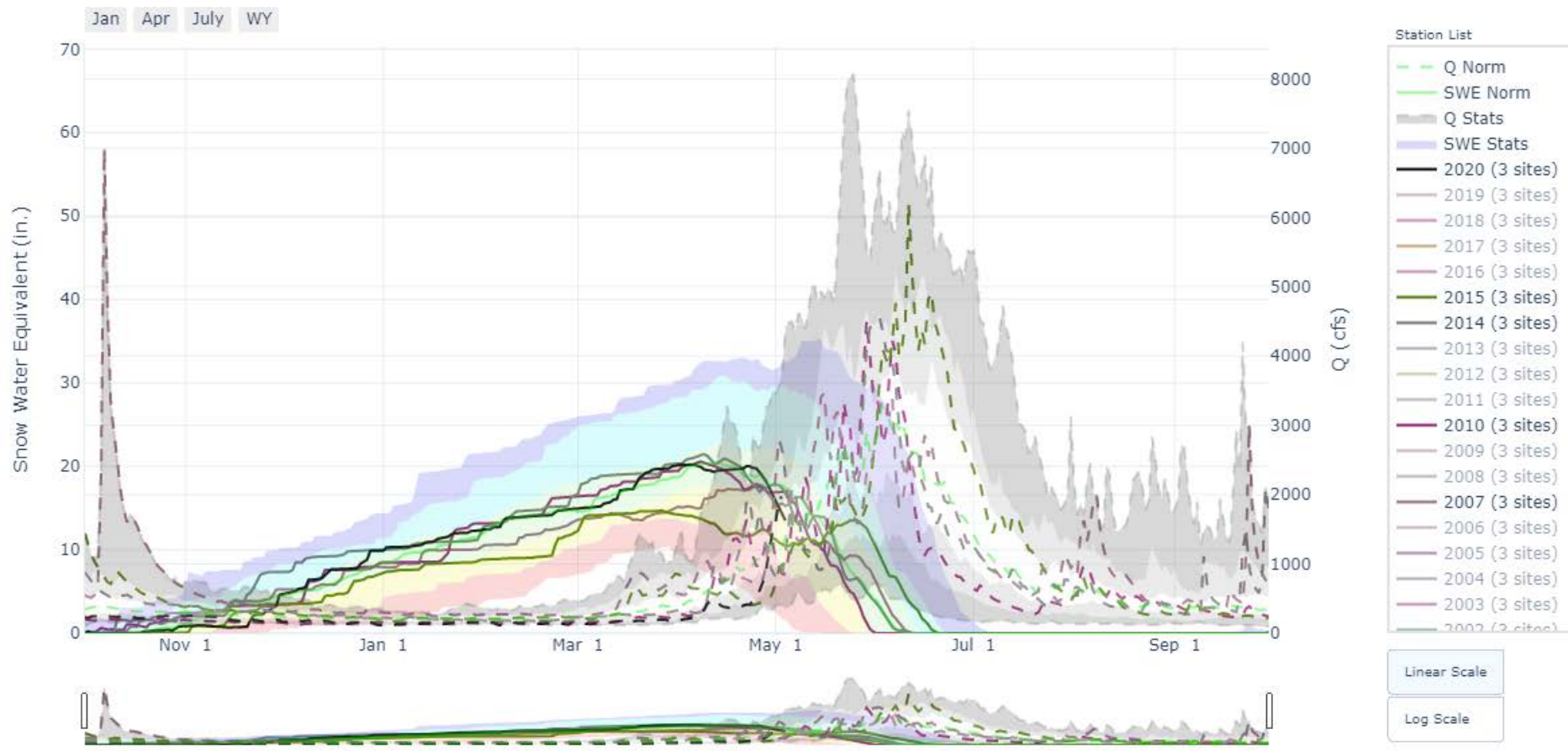
Year	Median	Actual	%
2006	17.5	14.8	85%
2007	17.5	17.4	99%
2008	17.5	27.9	159%
2009	17.5	19.8	113%
2010	17.5	17.1	98%
2011	17.5	21.0	120%
2012	17.5	15.5	89%
2013	17.5	14.5	83%
2014	17.5	18.2	104%
2015	17.5	15.8	90%
2016	17.5	13.6	78%
2017	17.5	22.1	126%
2018	17.5	12.0	69%

# Animas River Watershed – Red Mountain Pass Snotel

**WY 2021 = Average March 1 SWE**

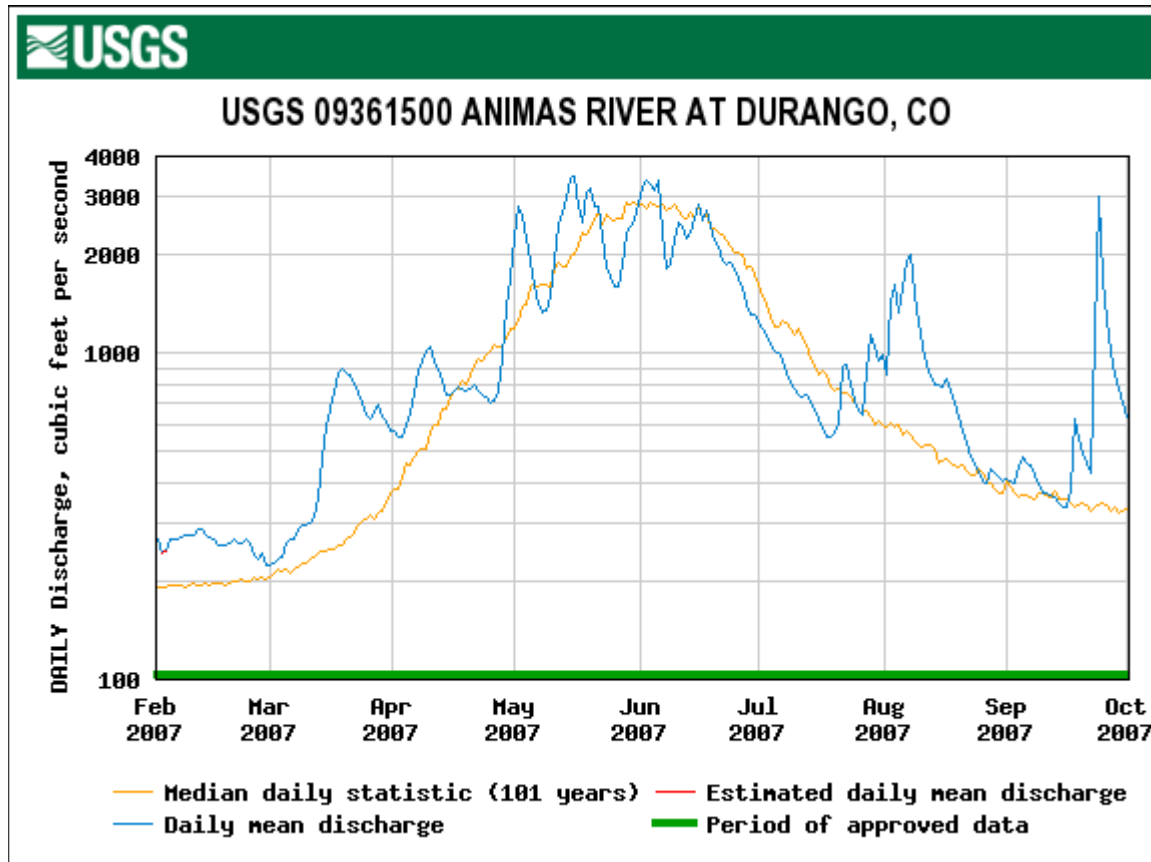


# SWE-Q Relationship for Animas R at Durango

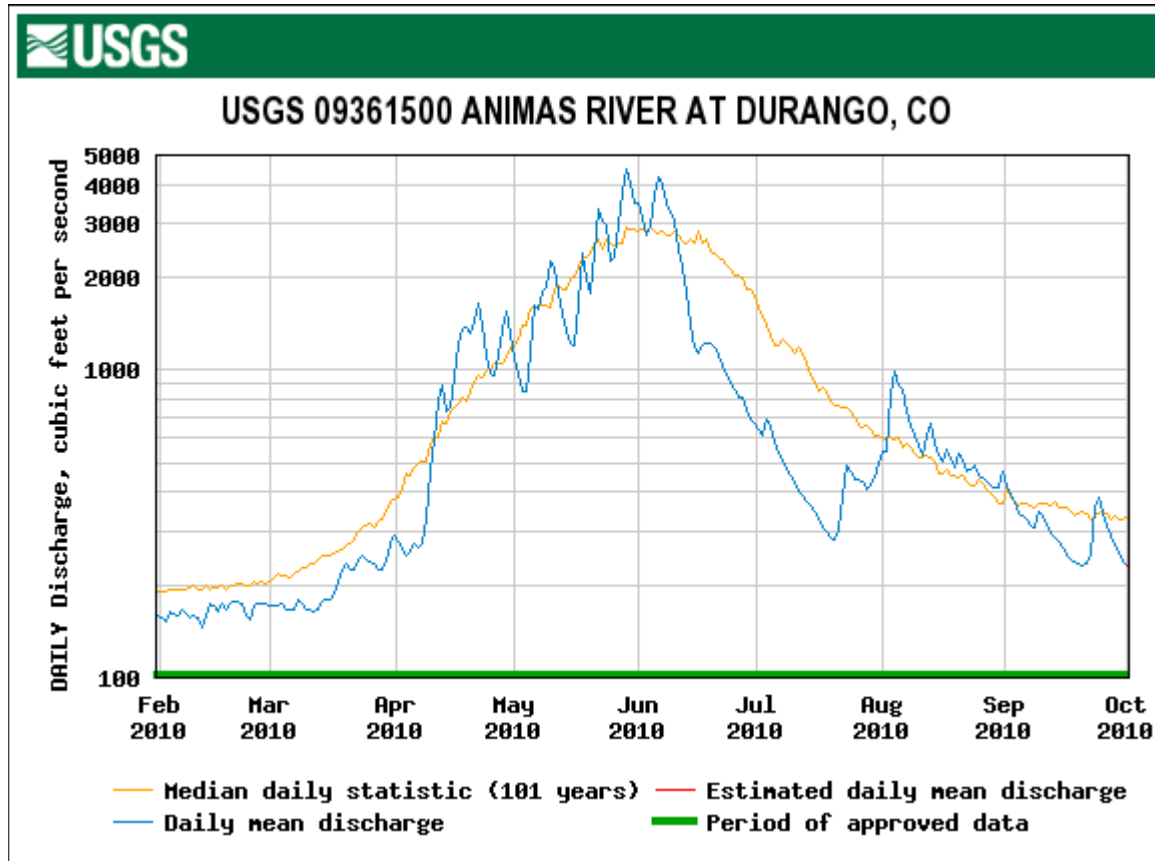


\* # of sites does not meet threshold. Data from this year will not be used in calculation of statistics

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

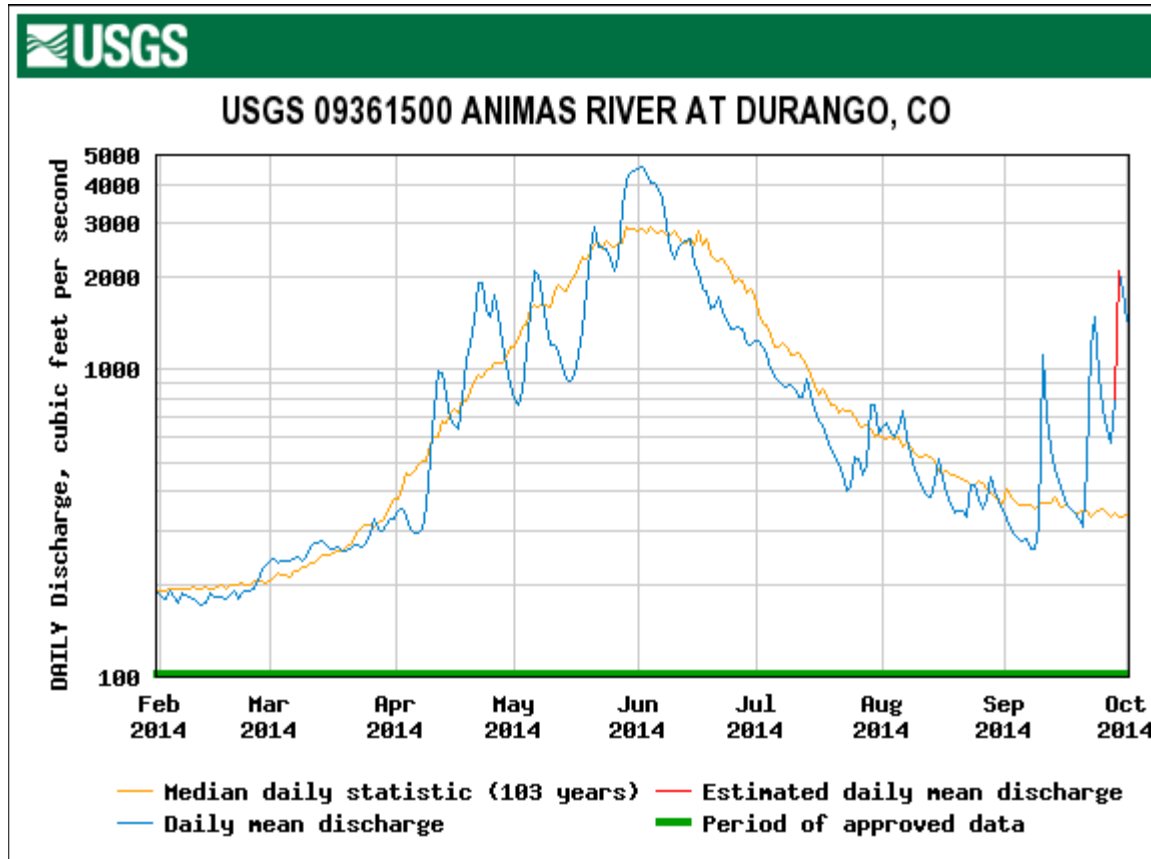


WY 2010: Avg March 1 SWE, Dry Spring, Max- Dust

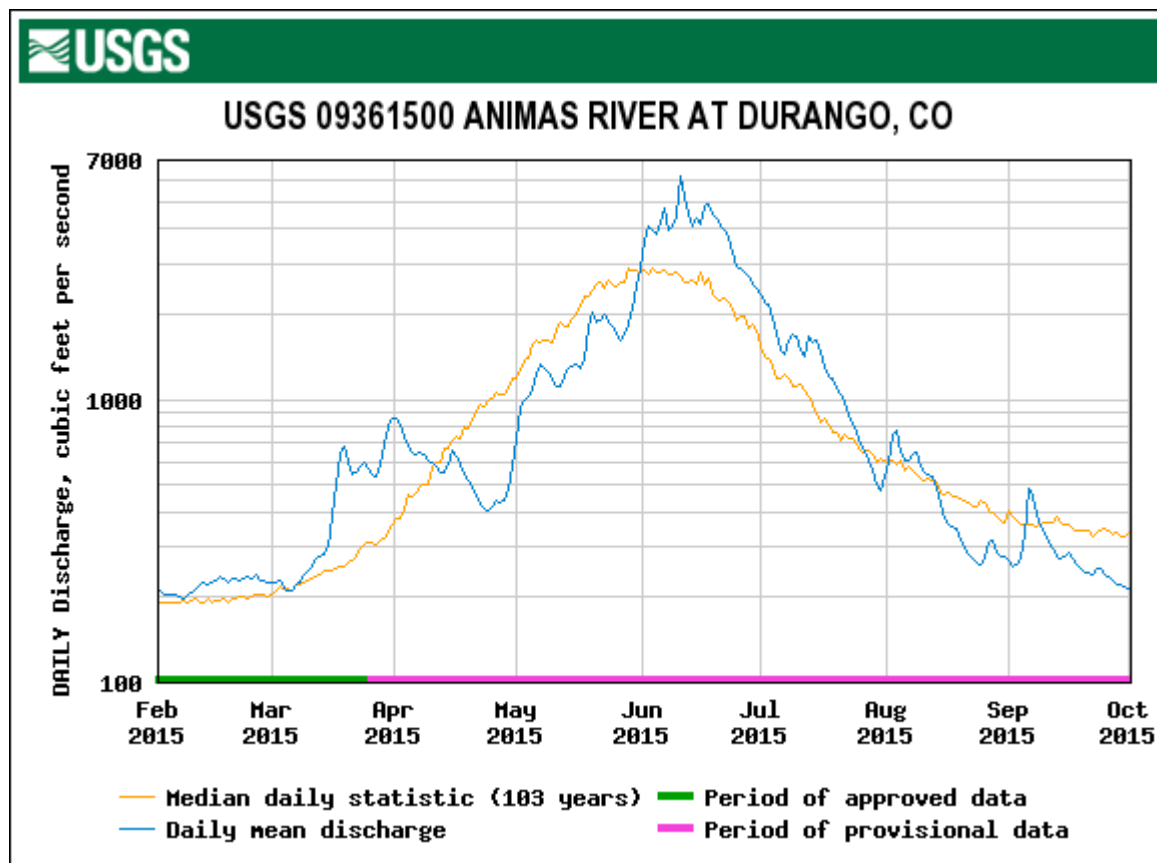




# WY 2014: Avg March 1 SWE, Avg Spring, Avg Dust



## WY 2015: Avg March 1 SWE, Wet Spring, Min Dust



# WY 2020: Avg March 1 SWE, Dry Spring, Min Dust

