

Colorado Dust-on-Snow Program

# WY 2018 Dust Enhanced Runoff Classification

## Rio Grande River Watershed

as of: March 1, 2018 Update

for:

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



<b>CODOS and Other Selected SNOTEL Sites</b>				
<b>% 1981-2010 Median March 1 SWE</b>				
	Median	Actual	% Median	<b>CODOS</b>
	SWE	SWE	SWE	<b>March 1</b>
	March 1	March 1	March 1	<b>SWE</b>
<b>SNOTEL Site</b>	<b>1981-2010</b>	<b>WY 2018</b>	<b>WY 2018</b>	<b>Classification</b>
Red Mtn Pass	17.5	12.0	69%	<b>Low</b>
Slumgullion	10.4	7.2	69%	<b>Low</b>
Upper San Juan	26.0	13.3	51%	<b>Low</b>
Wolf Creek Summit	24.9	18.8	76%	<b>Low</b>
Beartown	18.7	11.0	59%	<b>Low</b>
Lizard Head	12.2	7.1	58%	<b>Low</b>
Park Cone	8.3	6.4	77%	<b>Low</b>
Schofield Pass	25.2	20.4	81%	<b>Low</b>
McClure Pass	13.5	7.9	59%	<b>Low</b>
Independence Pass	12.7	8.6	68%	<b>Low</b>
Hoosier Pass	10.9	10.9	100%	<b>Average</b>
Grizzly Peak	13.2	12.4	94%	<b>Average</b>
Berthoud Summit	13.9	11.0	79%	<b>Low</b>
Willow Creek Pass	9.5	10.6	112%	<b>High</b>
Rabbit Ears Pass	19.1	13.1	69%	<b>Low</b>
Mesa Lakes	12.7	6.1	48%	<b>Low</b>

# Rio Grande Watershed

Wolf Creek Summit Snotel

		Dry Spring	Avg Spring	Wet Spring
<b>LOW March 1 SWE</b>	<b>Min Dust</b>			2015
	<b>Avg Dust</b>		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		2011
	<b>Max Dust</b>	2010	2009	

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

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

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

# Rio Grande Watershed

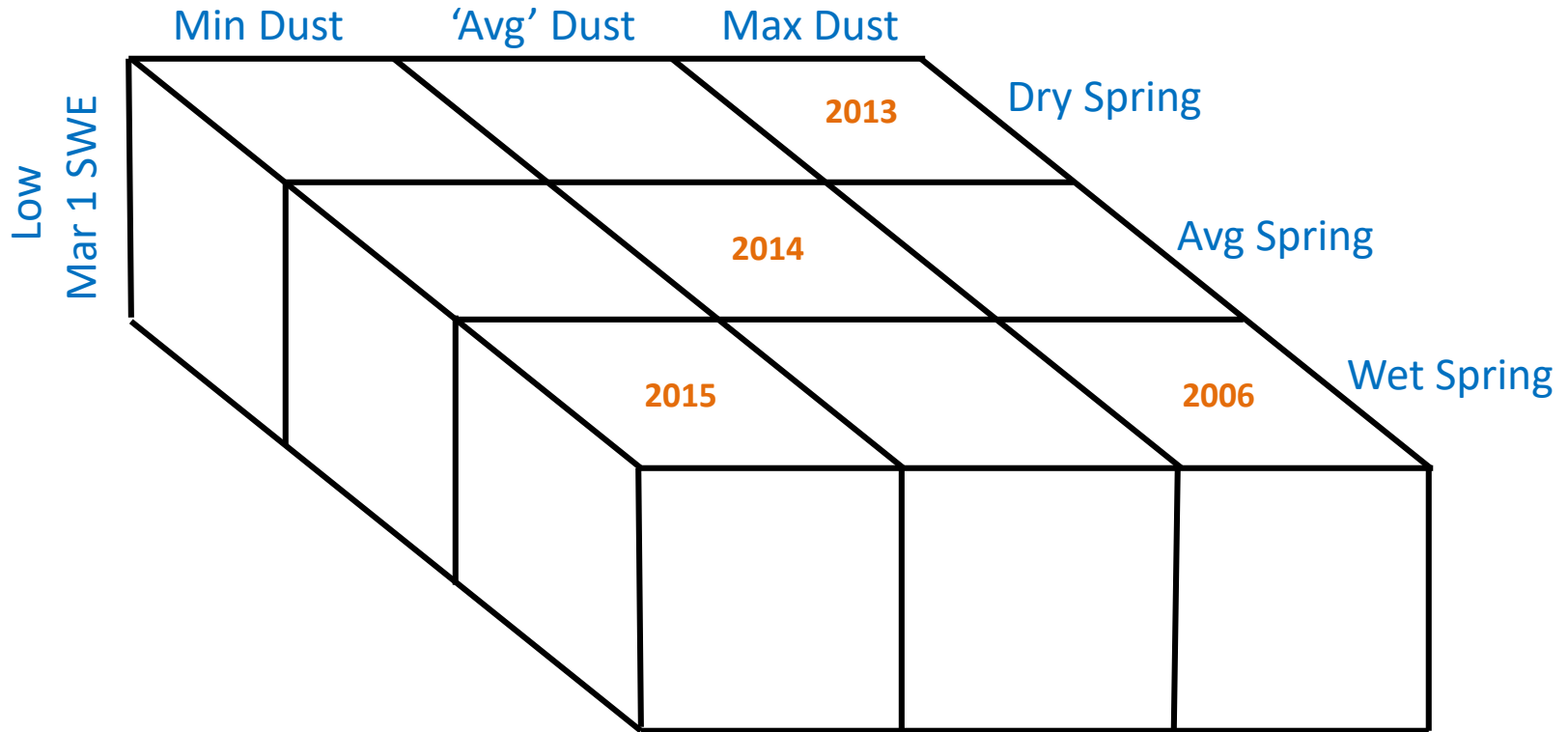
Beartown Snotel

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

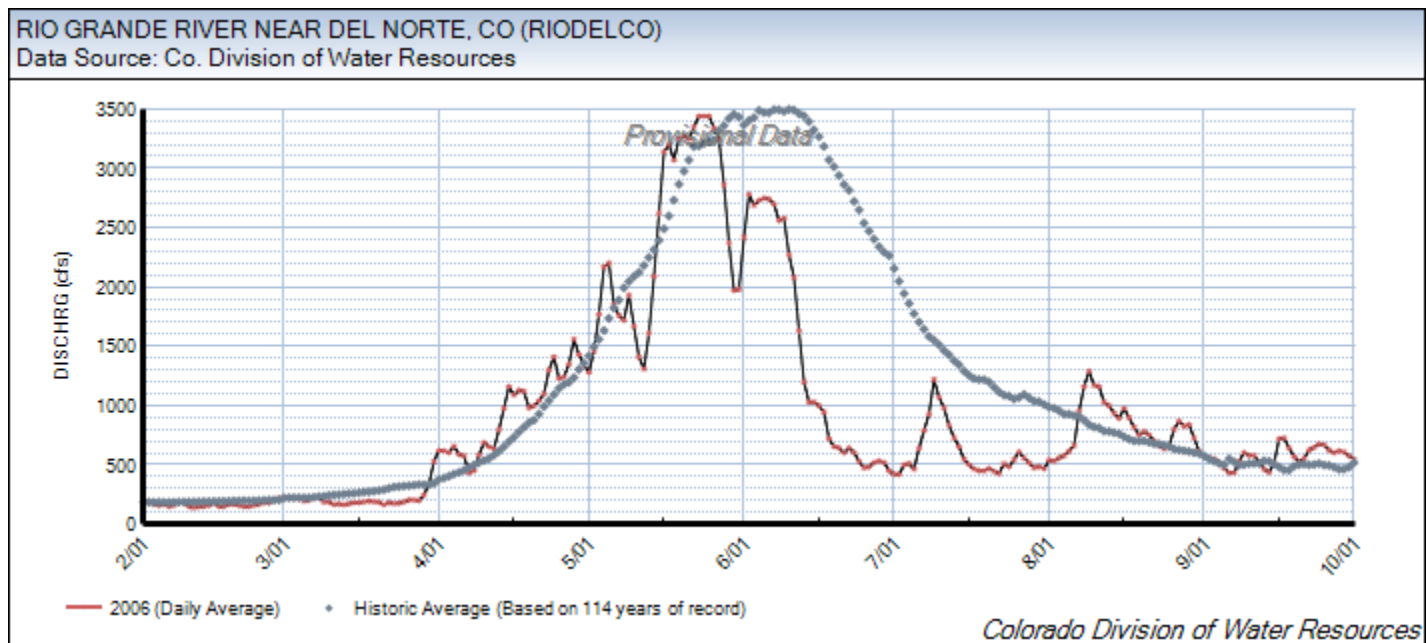
Dry Spring	Avg Spring	Wet Spring
2008	2006	2011
2010	2007	2015
2012	2009	
2013	2014	
2017	2016	
Low Swe	Avg Swe	High SWE
2006	2009	2008
2007	2011	2017
2010		
2012		
2013		
2014		
2015		
2016		
Min Dust	Avg Dust	Max Dust
	2006	
2007		
	2008	
		2009
	2010	
	2011	
	2012	
		2013
	2014	
2015		
	2016	
	2017	

Rio Grande River Watershed – Wolf Creek Summit Snotel

WY 2018 = Low March 1 SWE



## WY 2006: Low March 1 SWE, Avg Spring, Max- Dust



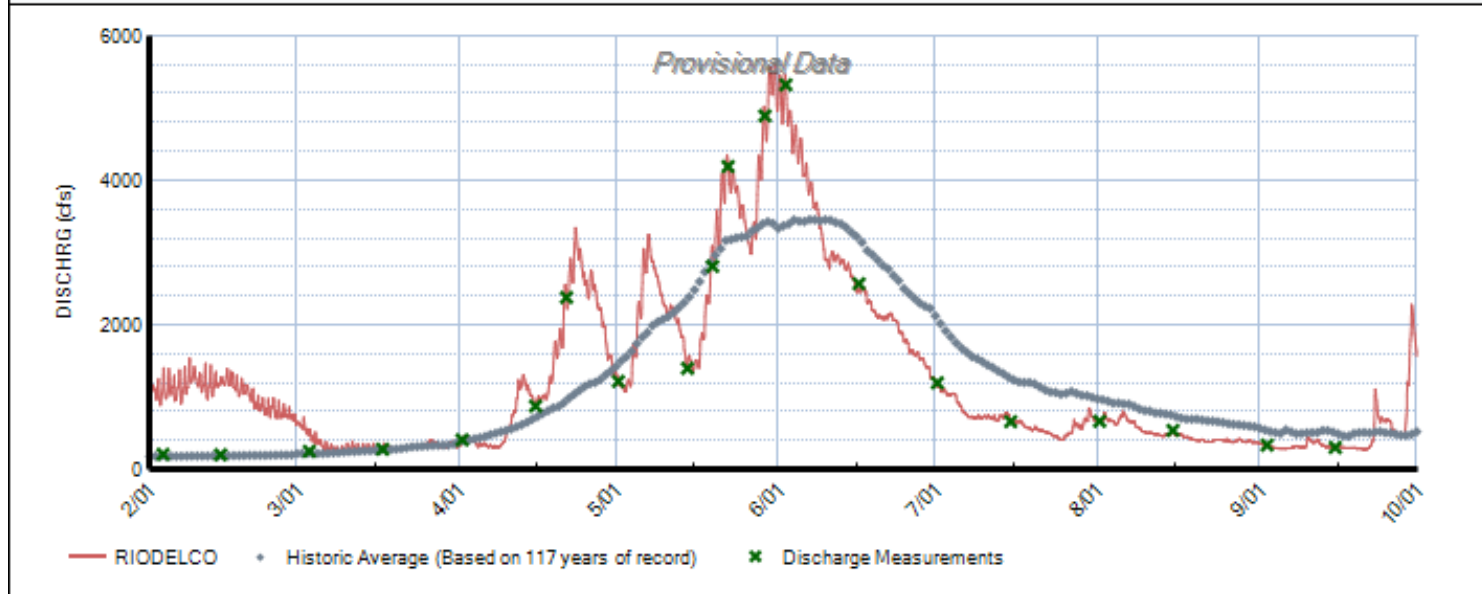
# WY 2013: Low March 1 SWE, Dry Spring, Max Dust





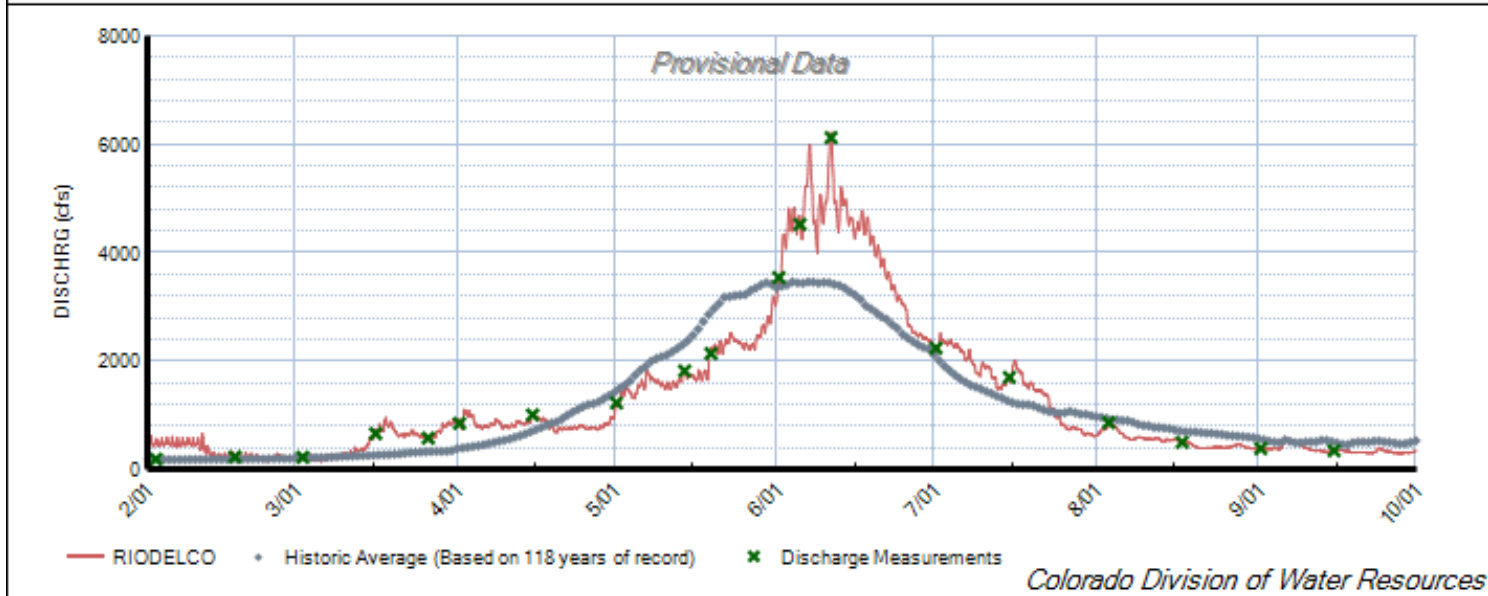
# WY 2014: Low March 1 SWE, Avg Spring, Avg Dust

RIO GRANDE RIVER NEAR DEL NORTE, CO (RIODELCO)  
Data Source: Co. Division of Water Resources

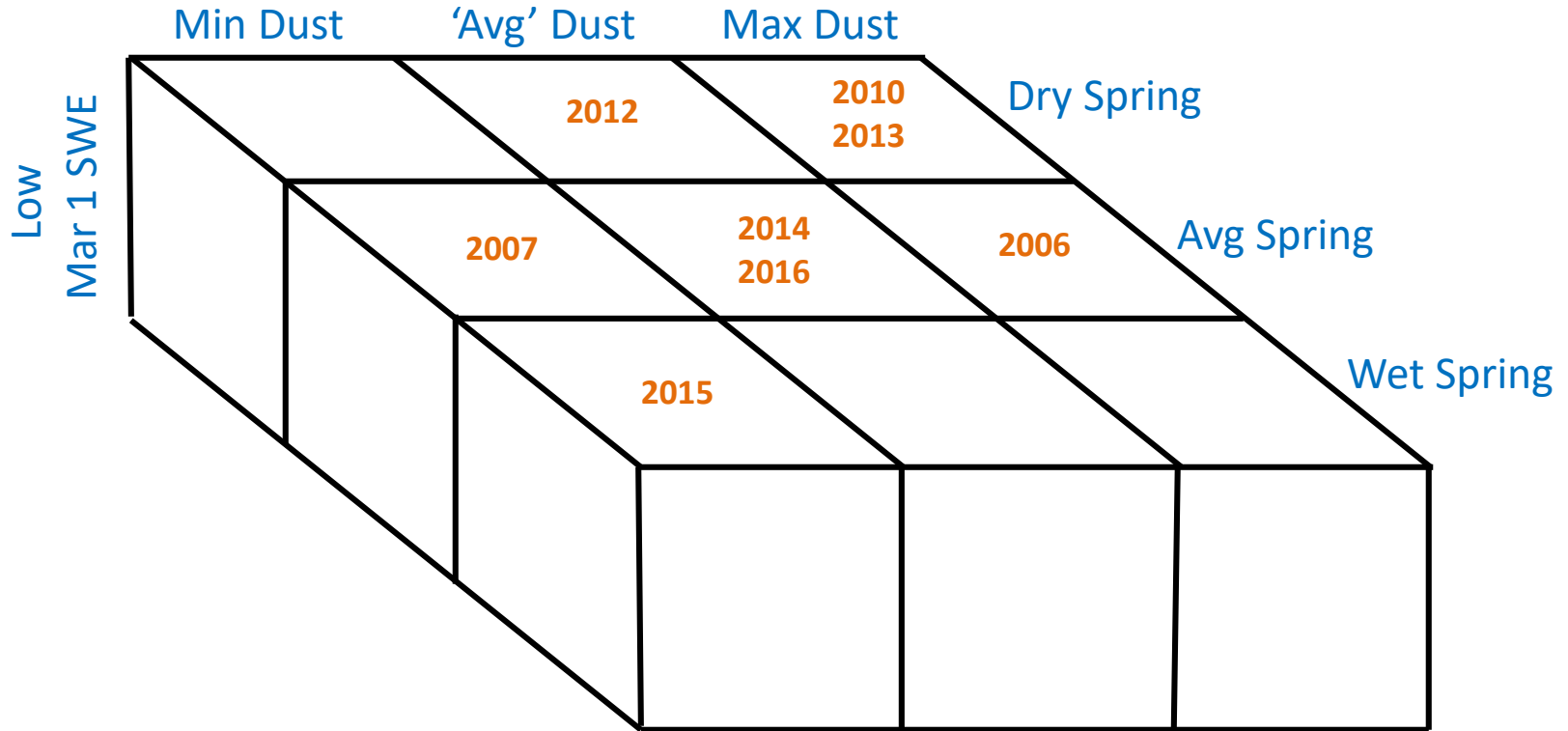


# WY 2015: Low March 1 SWE, Wet Spring, Avg Dust

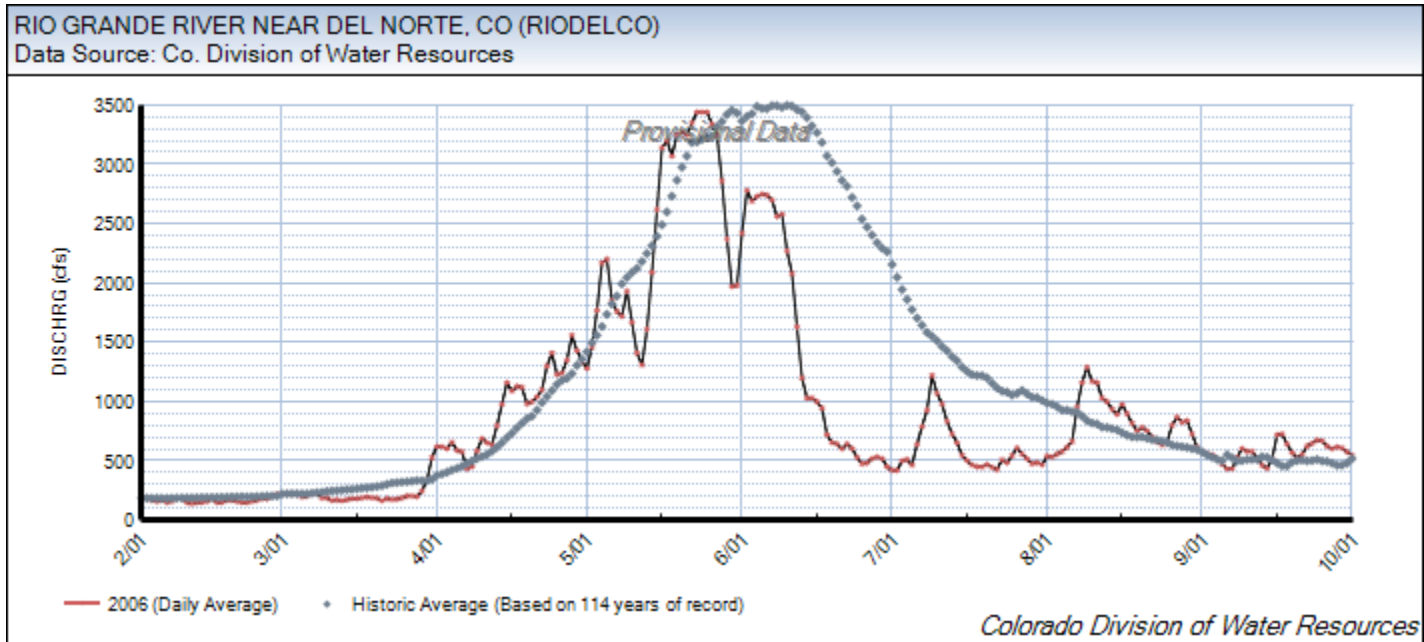
RIO GRANDE RIVER NEAR DEL NORTE, CO (RIODELCO)  
Data Source: Co. Division of Water Resources



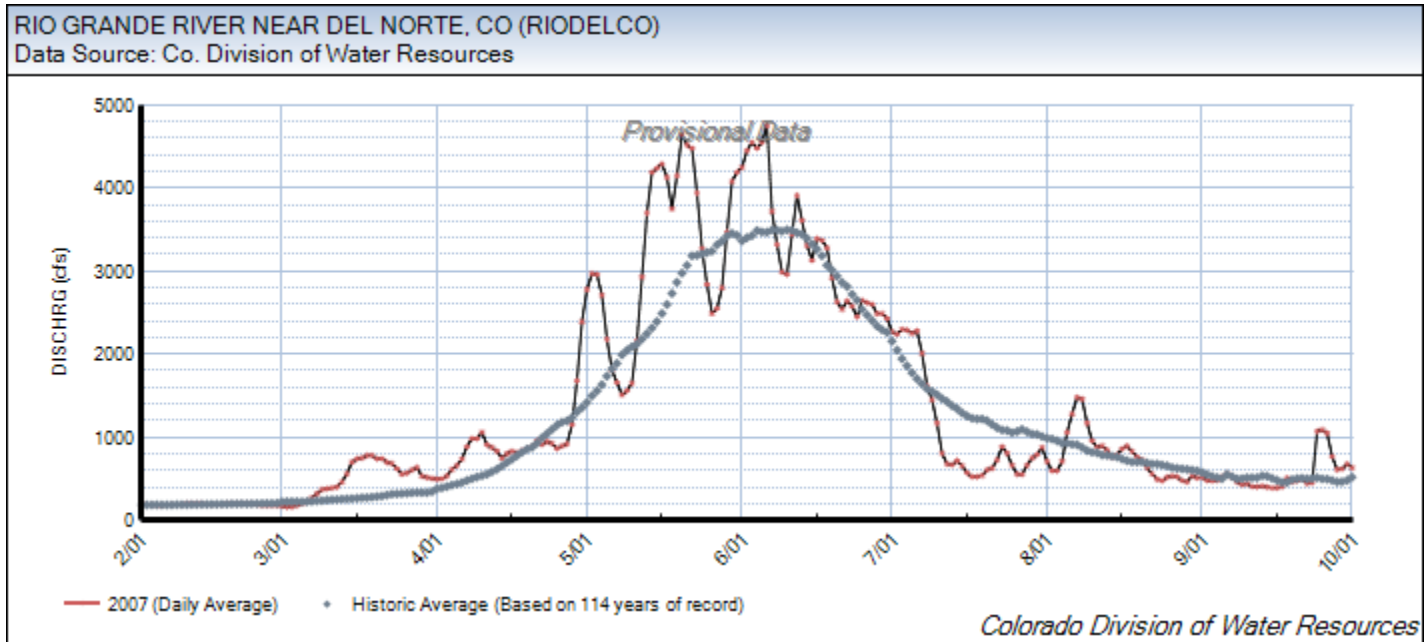
Rio Grande River Watershed – Beartown Snotel  
WY 2018 = Low March 1 SWE



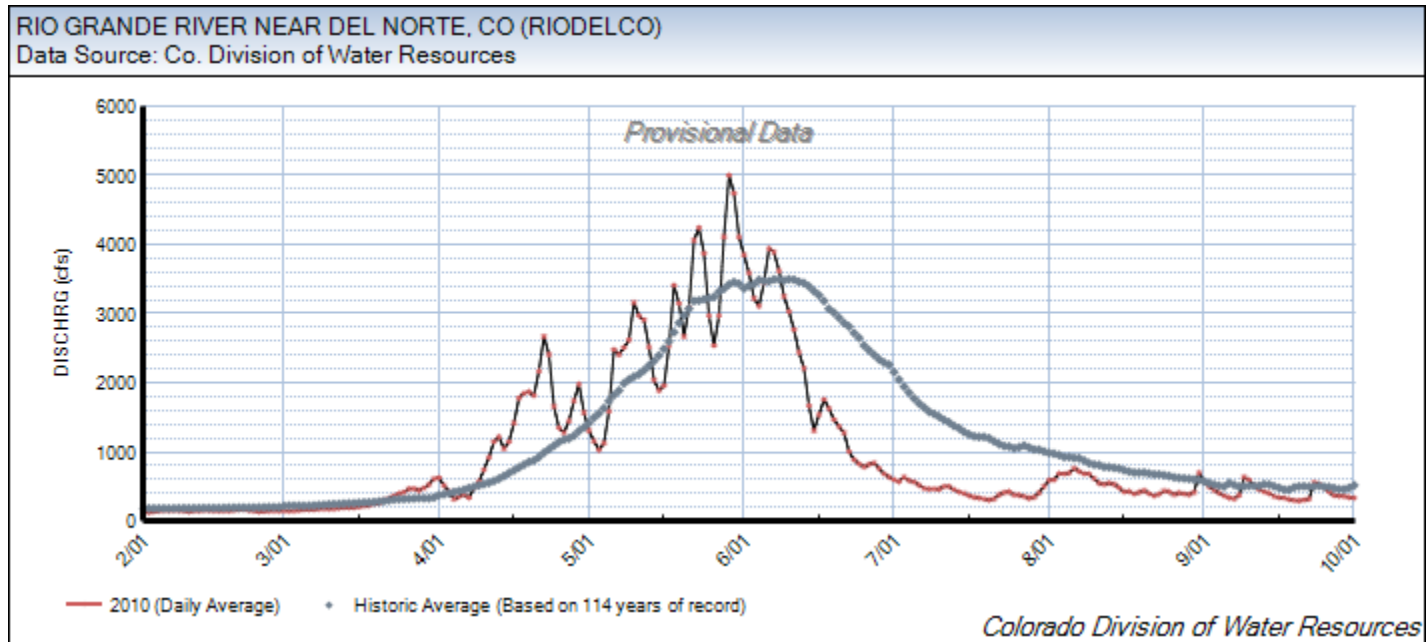
# WY 2006: Low March 1 SWE, Avg Spring, Max- Dust



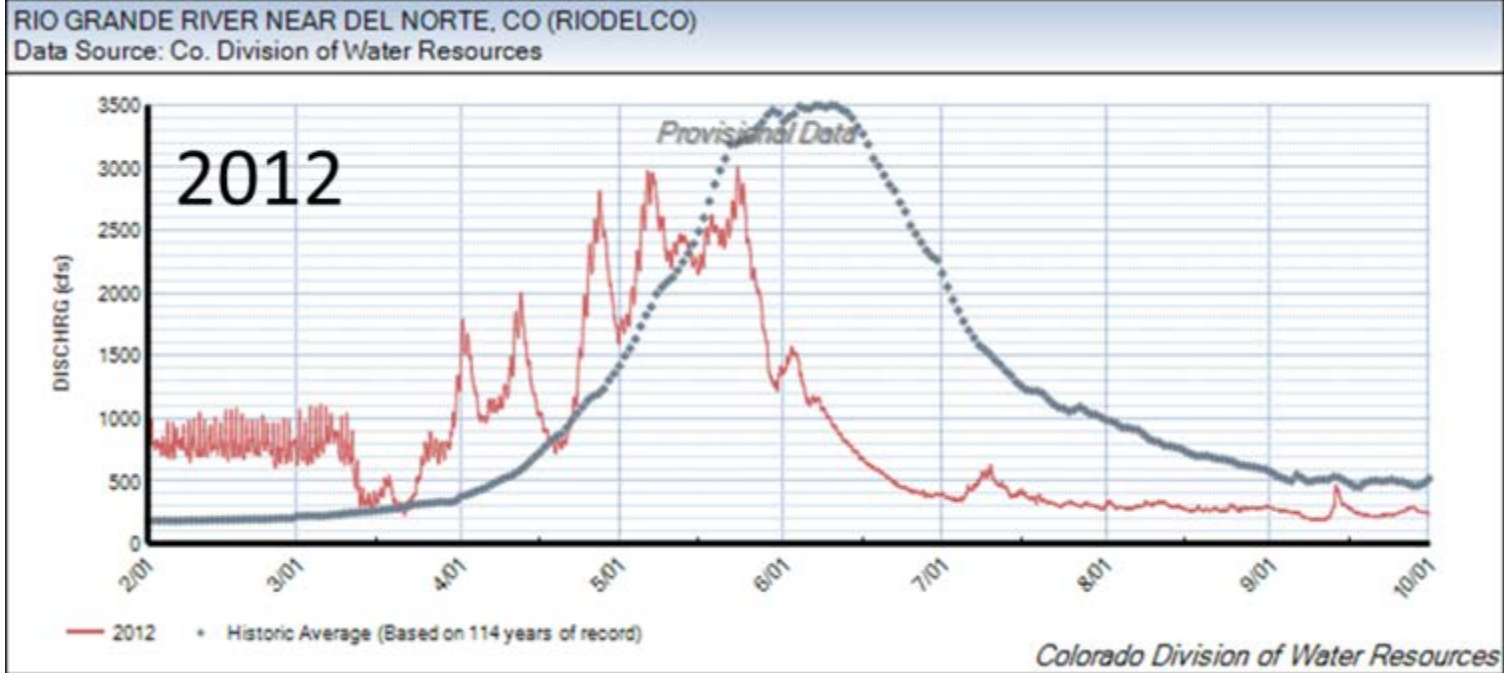
# WY 2007: Low March 1 SWE, Avg Spring, Min+ Dust



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



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



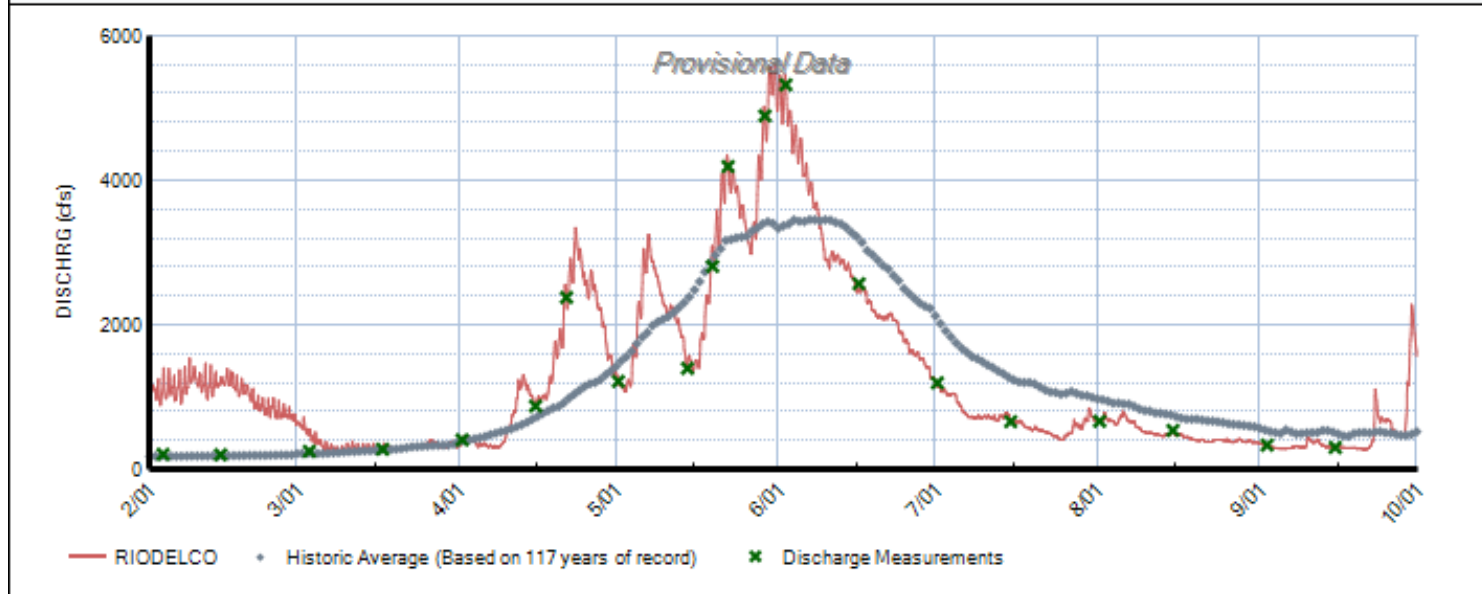
# WY 2013: Low March 1 SWE, Dry Spring, Max Dust





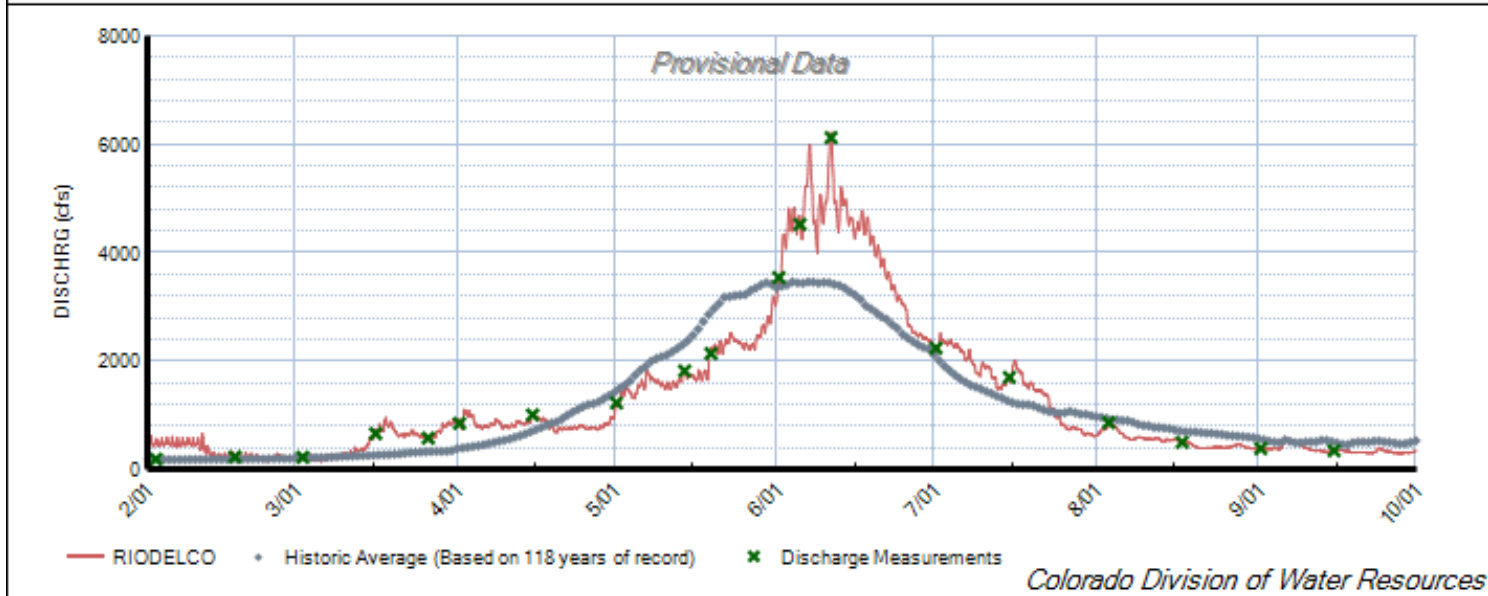
# WY 2014: Low March 1 SWE, Avg Spring, Avg Dust

RIO GRANDE RIVER NEAR DEL NORTE, CO (RIODELCO)  
Data Source: Co. Division of Water Resources



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

RIO GRANDE RIVER NEAR DEL NORTE, CO (RIODELCO)  
Data Source: Co. Division of Water Resources



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

