

Colorado Dust-on-Snow Program

WY 2021 Dust Enhanced Runoff Classification

Upper Colorado River Watershed – Colorado River
as of: March 1, 2021 Update

for:

Willow Creek Pass Snotel, Colorado River below Baker Gulch



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>

Upper Colorado River Watershed

Willow Creek Pass Snotel

		Dry Spring	Avg Spring	Wet Spring
LOW March 1 SWE	Min Dust		2015	
	Avg Dust	2012		
	Max Dust			2010
AVG March 1 SWE	Min Dust			
	Avg Dust			
	Max Dust		2009	2013
HIGH March 1 SWE	Min Dust	2007, 2020	2017	2016
	Avg Dust	2018	2008	2011, 2014, 2019
	Max Dust	2006		

Dry Spring	Avg Spring	Wet Spring
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2006	2008	2010
2007	2009	2011
2012	2015	2013
2018	2017	2014
		2016

Mar 1 SWE

1981-2010

Low SWE	Avg SWE	High SWE
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2010	2009	2006
2012	2013	2007
2015		2008
		2011
		2014
		2016
		2017
		2018

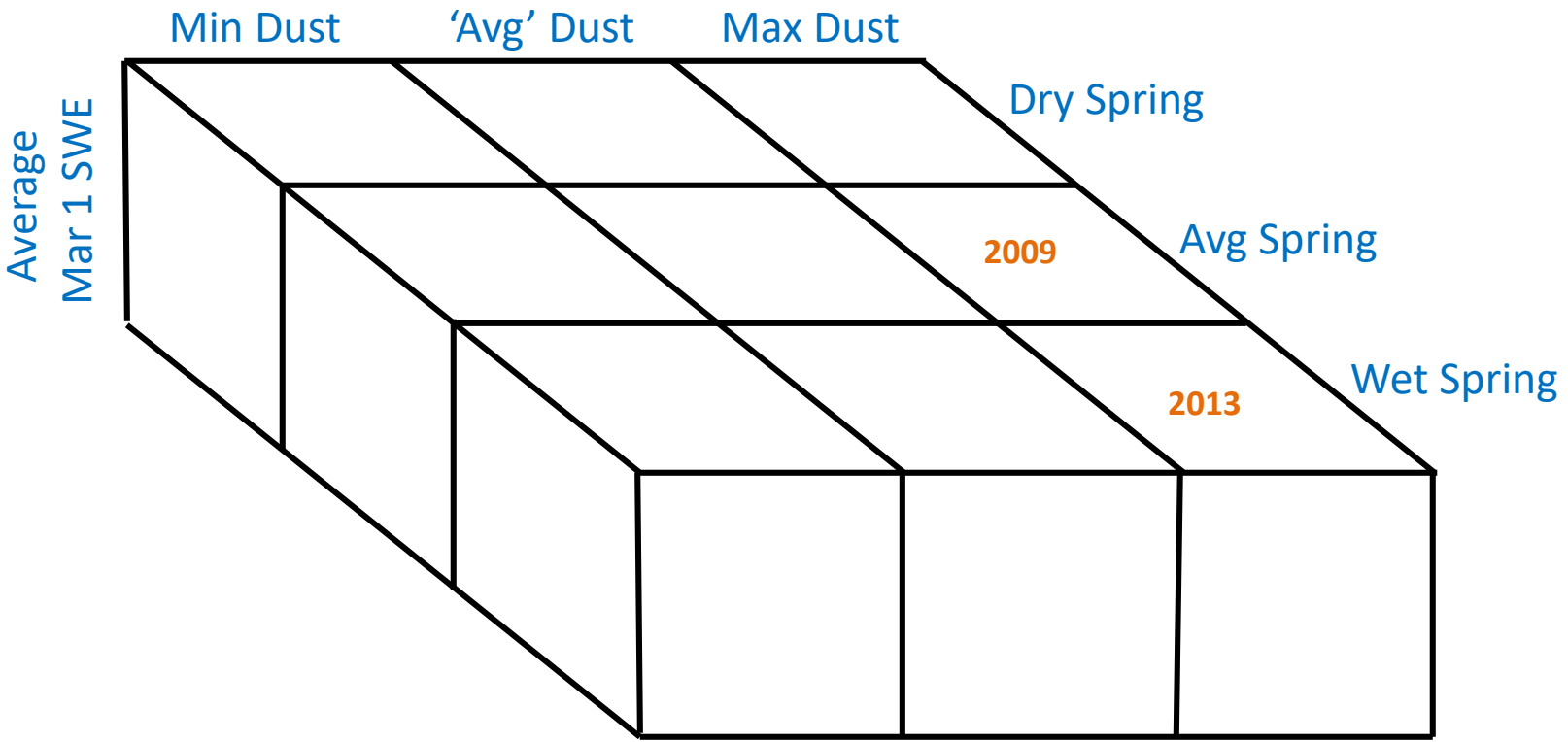
	Median	Actual	%
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2006	9.5	10.8	114%
2007	9.5	11.8	124%
2008	9.5	13.0	137%
2009	9.5	10.2	107%
2010	9.5	5.6	59%
2011	9.5	15.4	162%
2012	9.5	7.0	74%
2013	9.5	9.2	97%
2014	9.5	11.2	118%
2015	9.5	7.6	80%
2016	9.5	10.6	112%
2017	9.5	15.8	166%
2018	9.5	10.6	112%

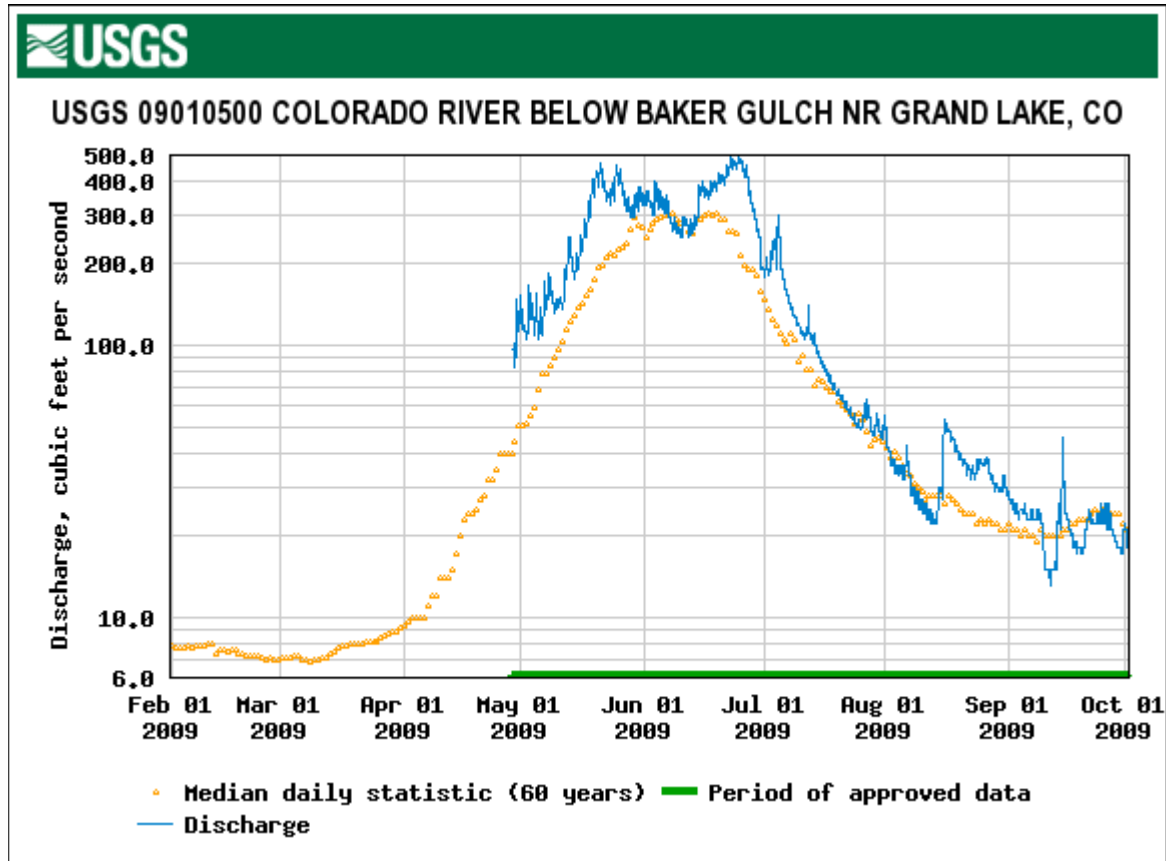
Min Dust	Avg Dust	Max Dust
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	2006	
2007		
	2008	
		2009
	2010	
	2011	
	2012	
		2013
	2014	
2015		
2016		
2017		
	2018	

Upper Colorado River Watershed – Willow Creek Pass Snotel, Colorado River below Baker Gulch
WY 2021 = Average March 1 SWE



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



WY 2013: Avg March 1 SWE, Wet Spring, Max Dust

