

Colorado Dust-on-Snow Program

WY 2021 Dust Enhanced Runoff Classification

Uncompahgre River Watershed

as of: March 1, 2021 Update

for:

Red Mountain Pass Snotel, Uncompahgre River near Ridgway



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>

Uncompahgre River Watershed

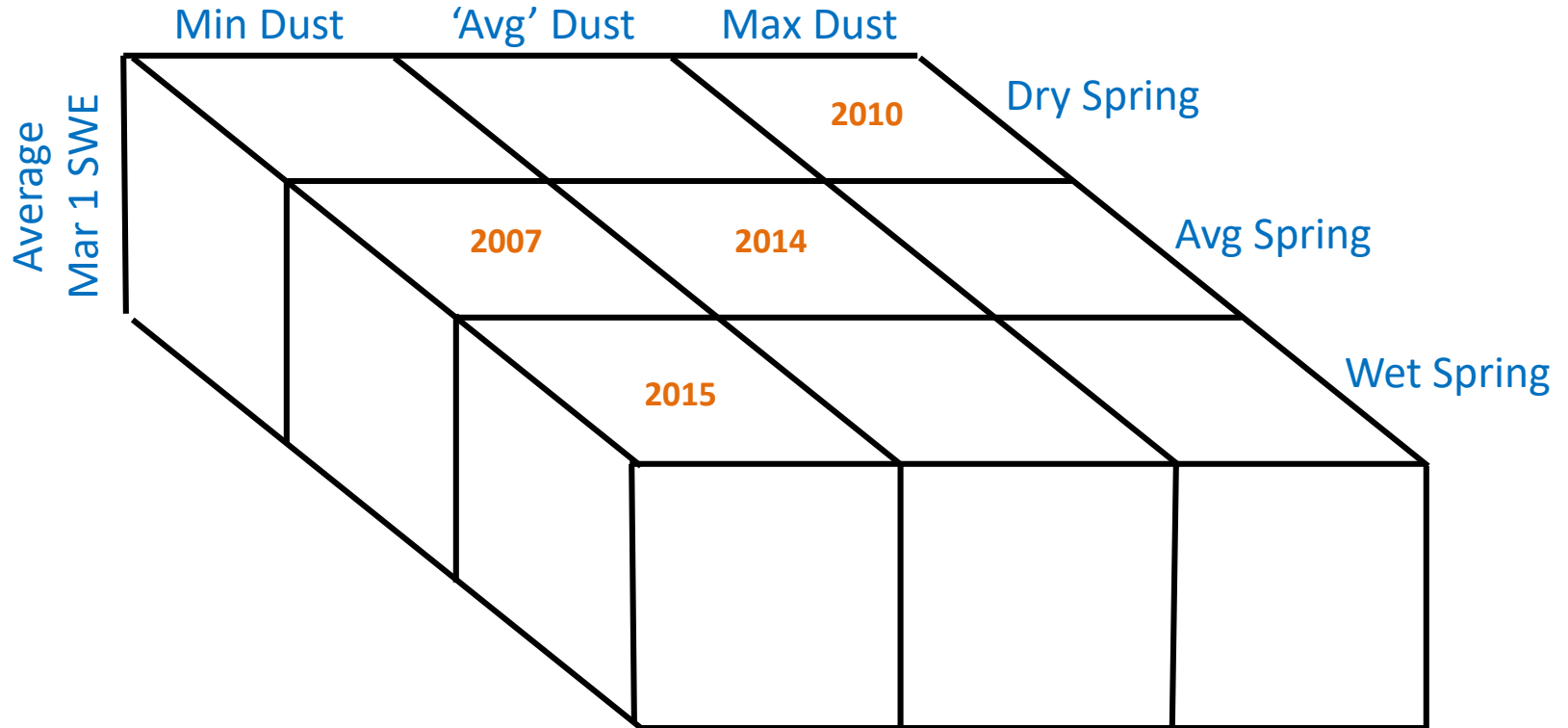
Red Mountain Pass Snotel

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

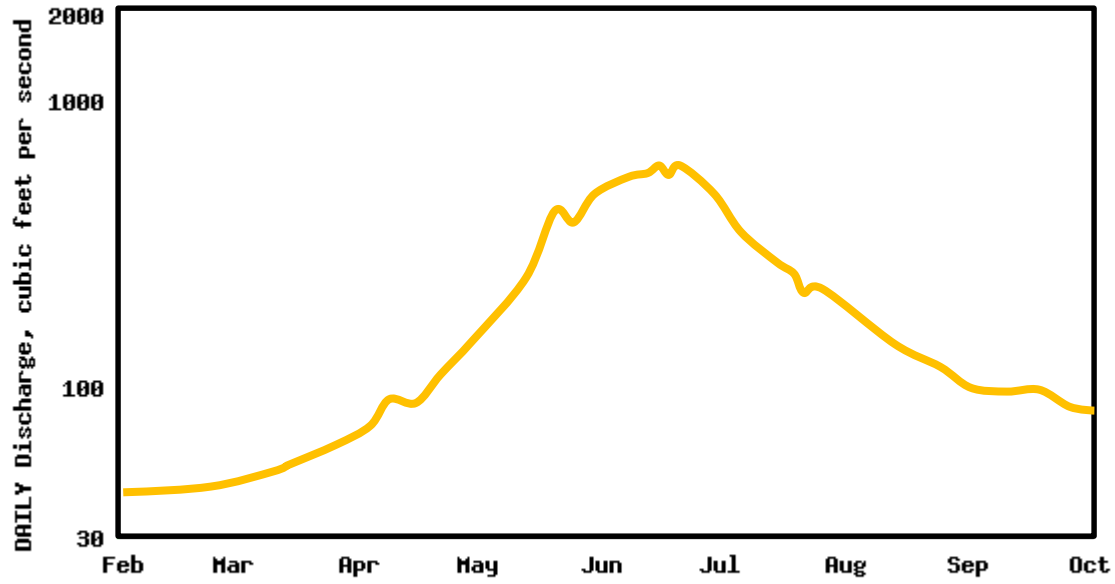
Mar 1 SWE			
1981-2010			
	Median	Actual	%
2006	17.5	14.8	85%
2007	17.5	17.4	99%
2008	17.5	27.9	159%
2009	17.5	19.8	113%
2010	17.5	17.1	98%
2011	17.5	21.0	120%
2012	17.5	15.5	89%
2013	17.5	14.5	83%
2014	17.5	18.2	104%
2015	17.5	15.8	90%
2016	17.5	13.6	78%
2017	17.5	22.1	126%
2018	17.5	12	69%

Uncompahgre River Watershed – Red Mountain Pass Snotel
WY 2020 = Average March 1 SWE



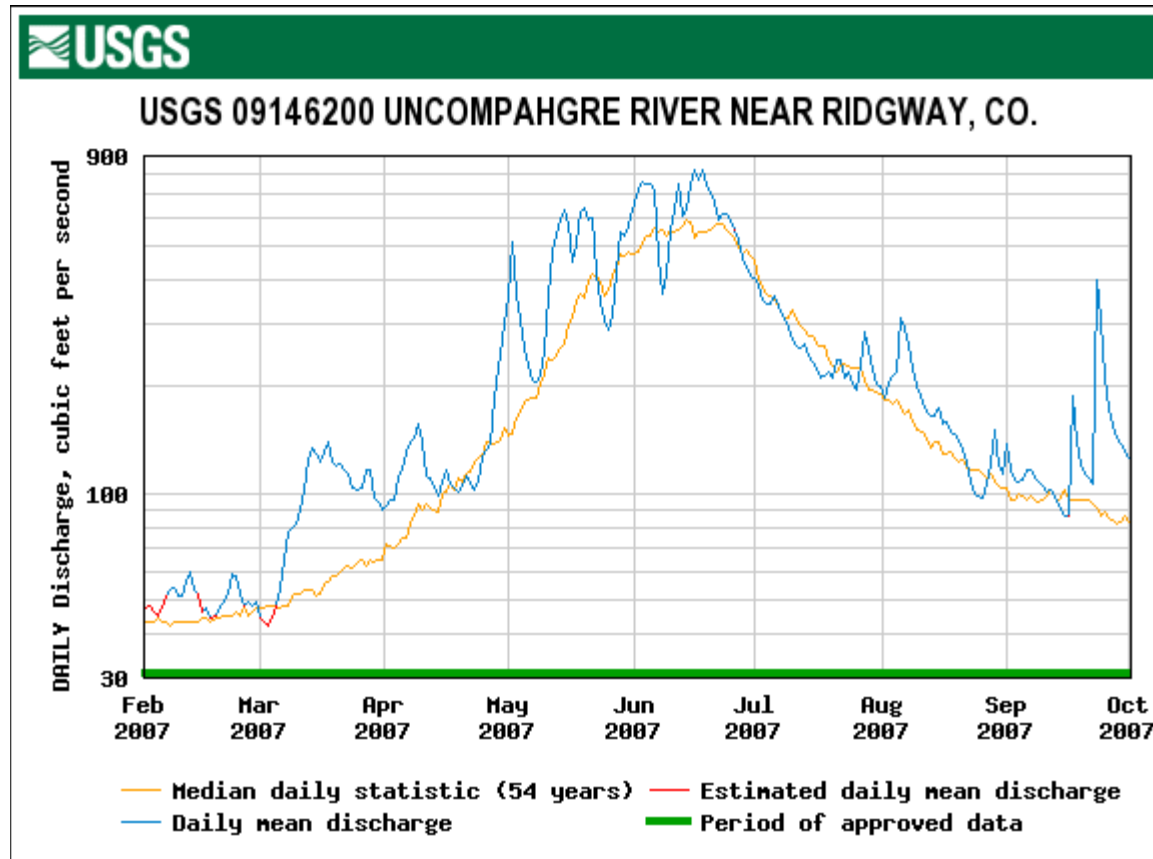


USGS 09146200 UNCOMPAHGRE RIVER NEAR RIDGWAY, CO.

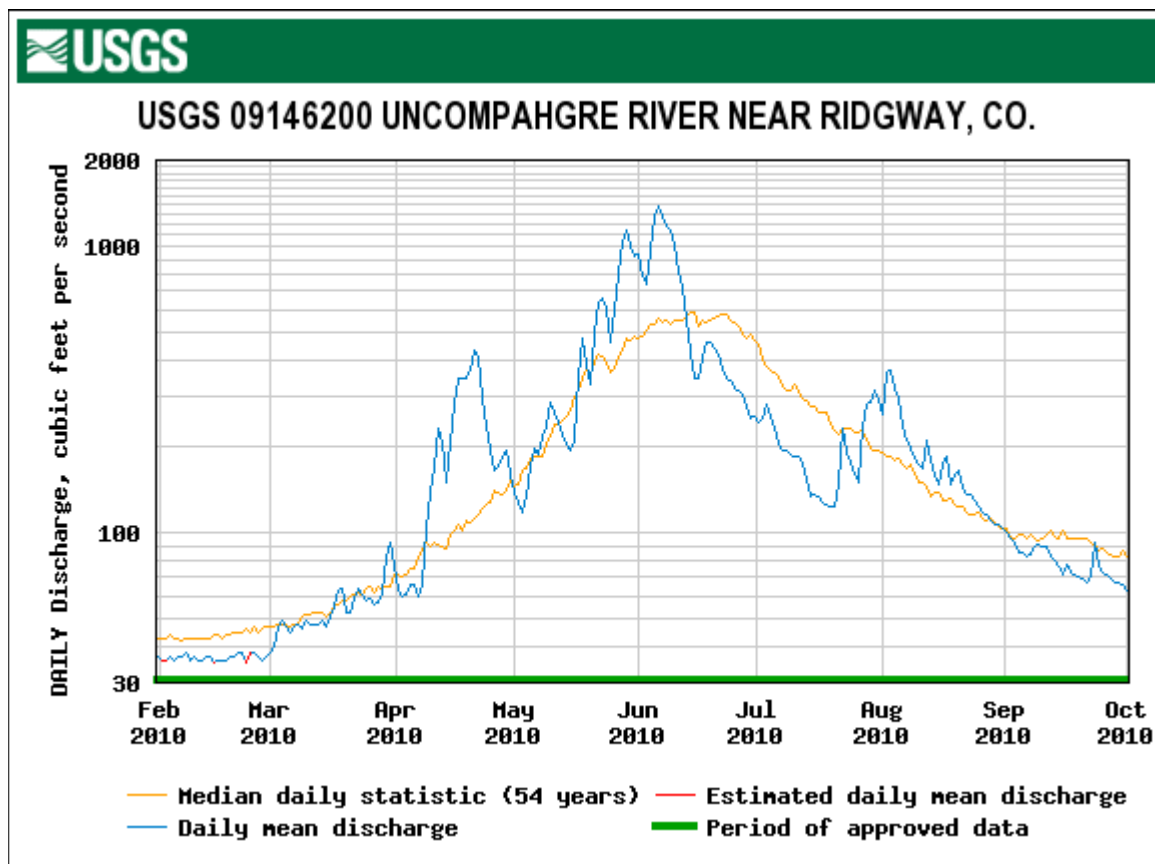


— Median daily statistic (54 years) — Estimated daily mean discharge
— Daily mean discharge — Period of approved data

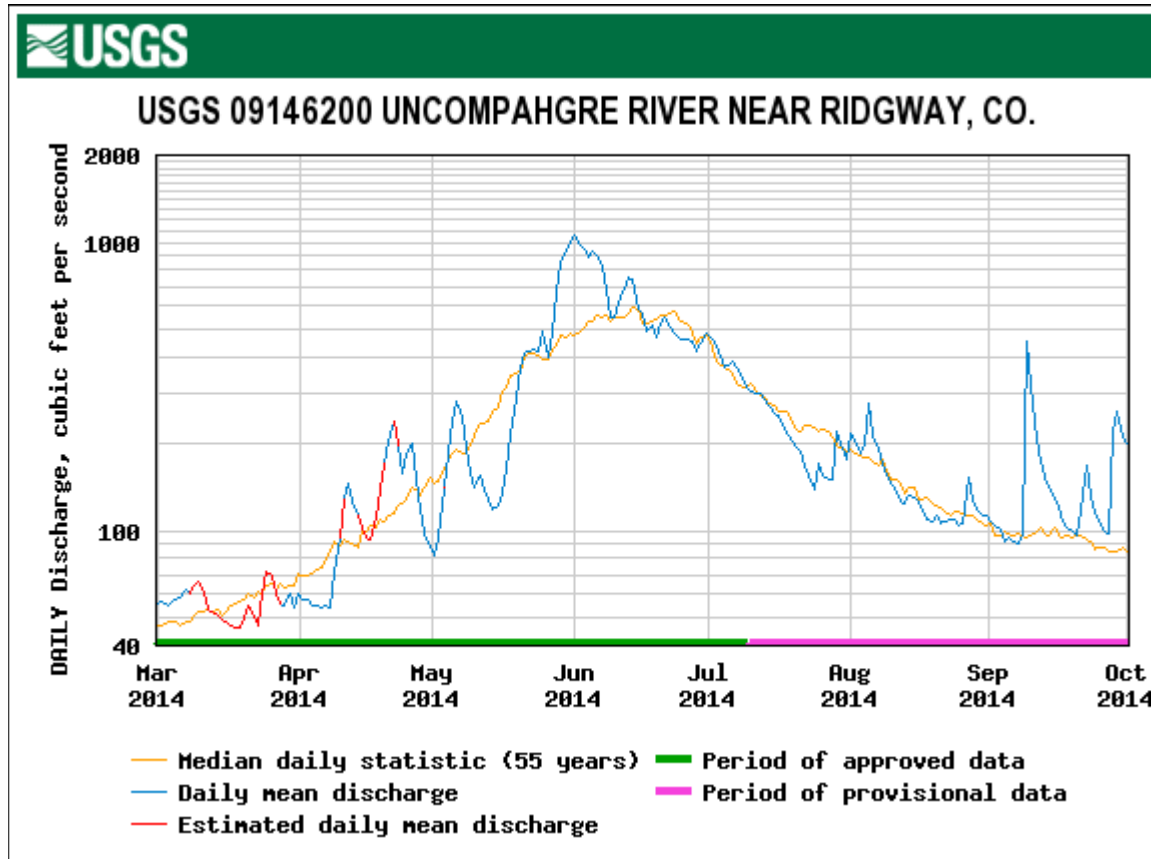
WY 2007: Avg March 1 SWE, Avg Spring, Min+ Dust



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

