

Colorado Dust-on-Snow Program

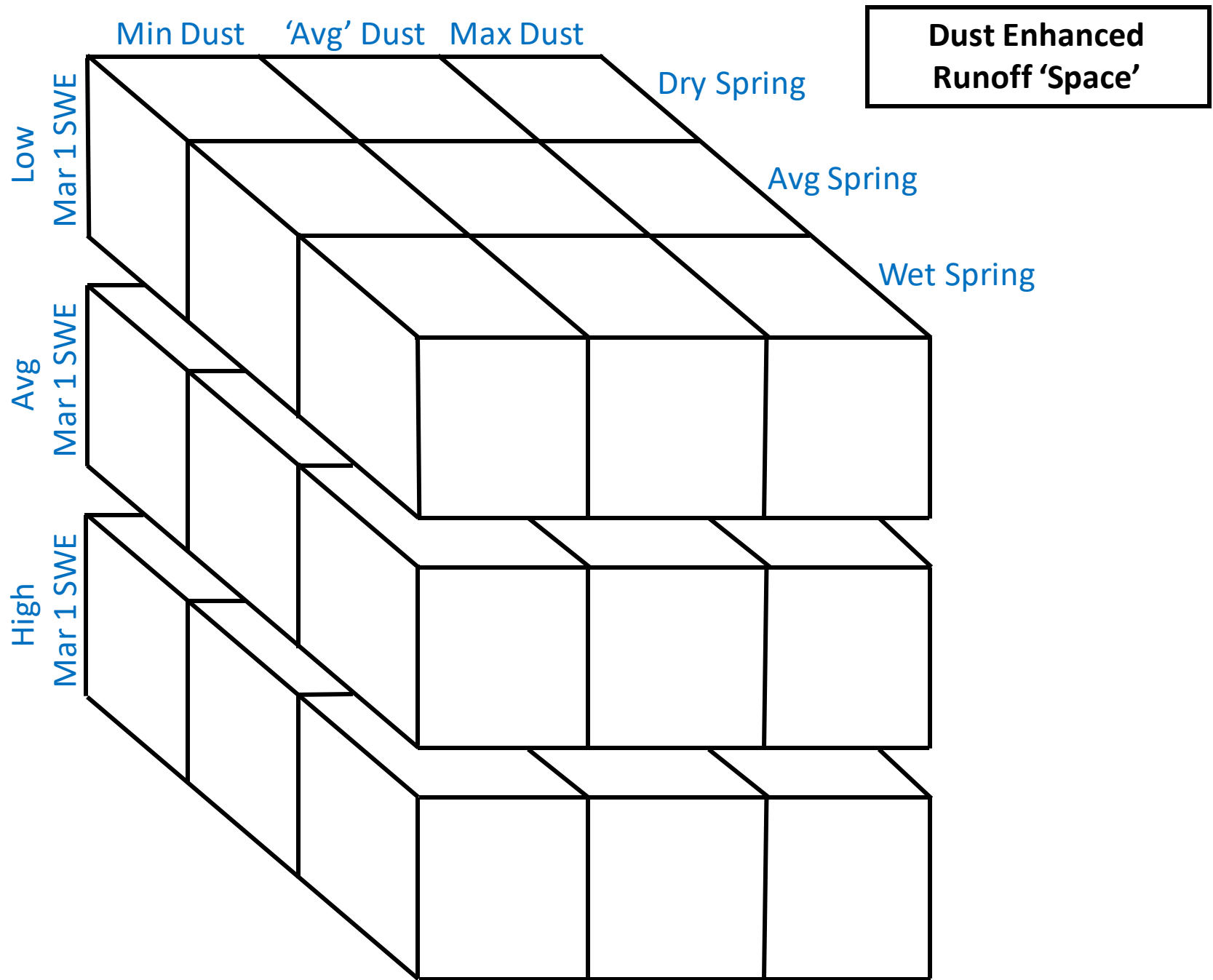
# WY 2022 Dust Enhanced Runoff Classification

## Uncompahgre River Watershed

as of: March 1, 2022 Update

for:

Red Mountain Pass Snotel, Uncompahgre River near Ridgway



**CODOS and Other Selected SNOTEL Sites**

**Comparison of % 1981-2010 Median March 1 SWE & % 1991-2020 Median March 1 SWE**

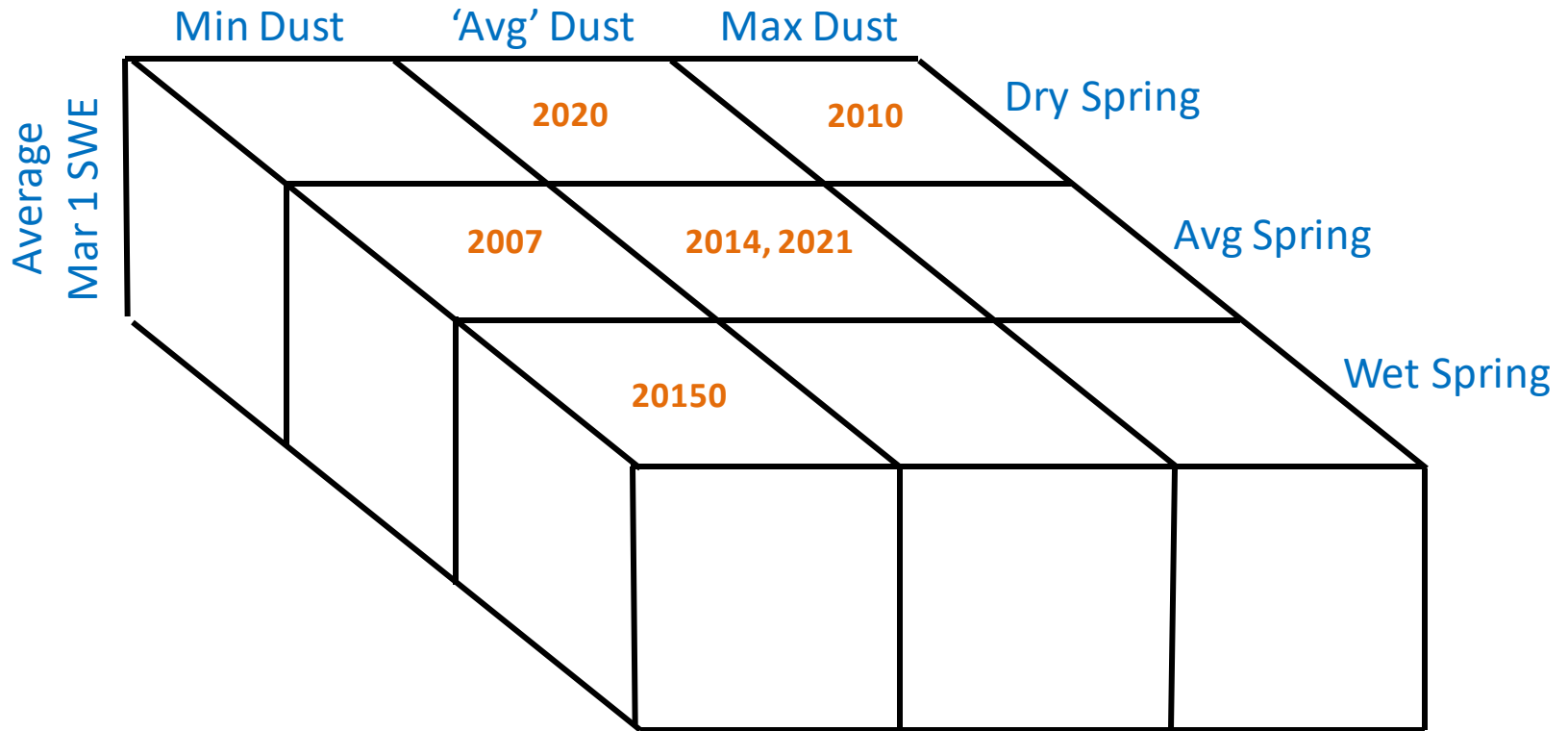
	Median	Median	Actual	% Median SWE	% Median SWE	<b>CODOS</b>
	SWE	SWE	SWE	1981-2010	1991-2020	<b>Classification</b>
	March 1	March 1	March 1	March 1	March 1	<b>Based on</b>
SNOTEL Site	1981-2010	1991-2020	WY 2022	WY 2022	WY 2022	<b>1991-2020</b>
Red Mtn Pass	17.5	17.1	16.4	94%	96%	<b>Average</b>
Slumgullion	10.4	10.6	8.7	84%	82%	<b>Low</b>
Upper San Juan	26.0	23.9	23.3	90%	97%	<b>Average</b>
Wolf Creek Summit	24.9	24.4	29.8	120%	122%	<b>High</b>
Beartown	18.7	16.6	16.1	86%	97%	<b>Average</b>
Lizard Head	12.2	11.8	11.1	91%	94%	<b>Average</b>
Park Cone	8.3	8.2	9.6	116%	117%	<b>High</b>
Schofield Pass	25.2	24.2	30.5	121%	126%	<b>High</b>
McClure Pass	13.5	13.4	11.9	88%	89%	<b>Low</b>
Independence Pass	12.7	13.0	11.0	87%	85%	<b>Low</b>
Hoosier Pass	10.9	11.4	10.1	93%	89%	<b>Low</b>
Grizzly Peak	13.2	13.6	12.3	93%	90%	<b>Average</b>
Berthoud Summit	13.9	13.8	11.9	86%	86%	<b>Low</b>
Willow Creek Pass	9.5	10.6	11.4	120%	108%	<b>Average</b>
Rabbit Ears Pass	19.1	19.6	15.5	81%	79%	<b>Low</b>
Mesa Lakes	12.7	12.3	13.1	103%	107%	<b>Average</b>

# Uncompahgre River Watershed

Red Mountain Pass Snotel

		Dry Spring	Avg Spring	Wet Spring
<b>LOW March 1 SWE</b>	Min Dust			
	Avg Dust	2012, 2018	2016	
	Max Dust	2013	2006	
<b>AVG March 1 SWE</b>	Min Dust		2007	2015
	Avg Dust	2020	2014, 2021	
	Max Dust	2010		
<b>HIGH March 1 SWE</b>	Min Dust			
	Avg Dust	2008, 2017		2011, 2019
	Max Dust	2009		

Uncompahgre River Watershed – Red Mountain Pass Snotel  
WY 2022 = Average March 1 SWE

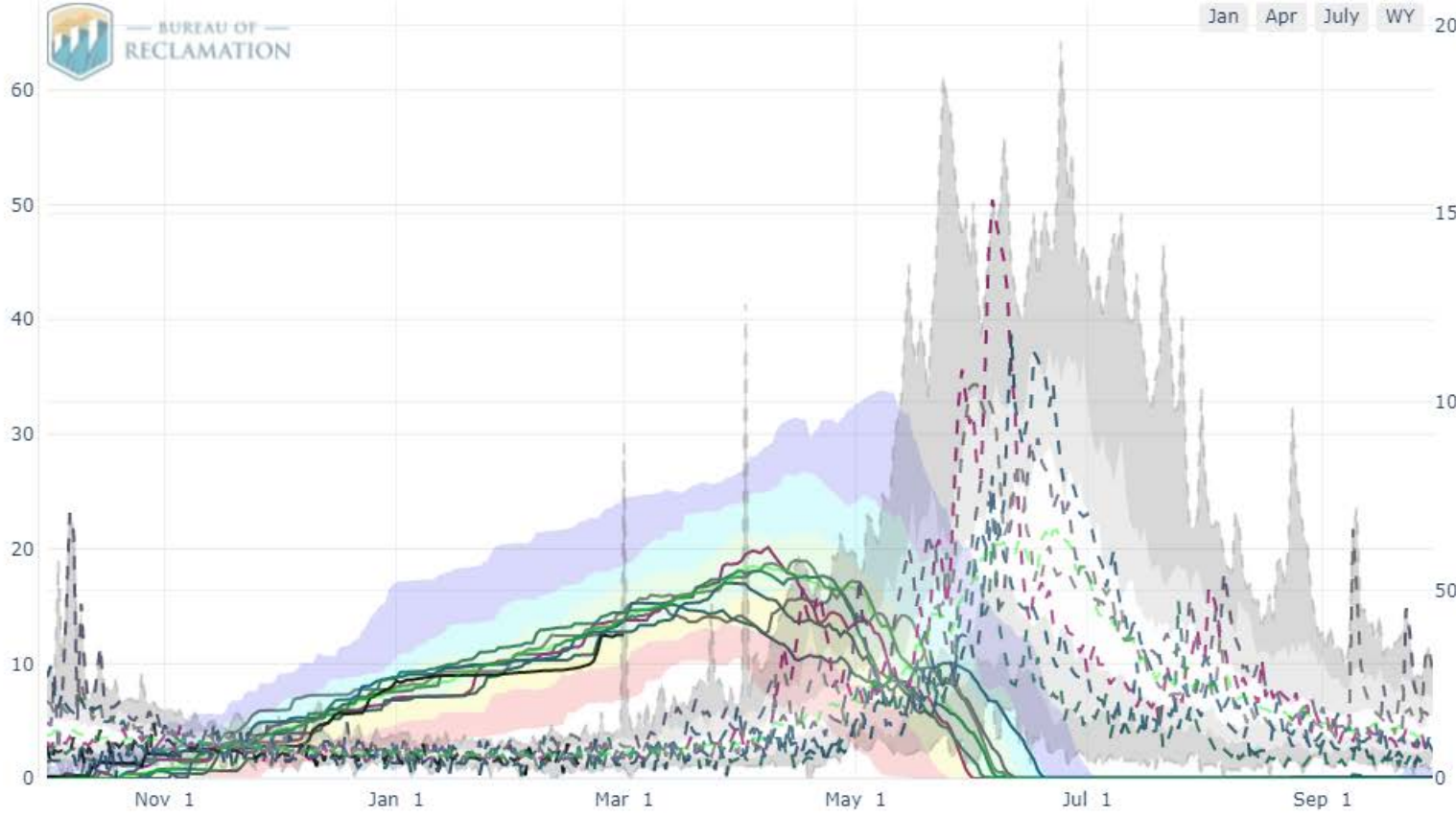


# Snow to Flow Relationship for Uncompahgre R bl Ridgway Reservoir



Jan Apr July WY 2000

Snow Water Equivalent (in.)



- Station List
- Median
  - Median
  - Q Stats
  - SWE Stats
  - 2022 (2 sites)
  - 2021 (2 sites)
  - 2020 (2 sites)
  - 2019 (2 sites)
  - 2018 (2 sites)
  - 2017 (2 sites)
  - 2016 (2 sites)
  - 2015 (2 sites)
  - 2014 (2 sites)
  - 2013 (2 sites)
  - 2012 (2 sites)
  - 2011 (2 sites)
  - 2010 (2 sites)
  - 2009 (2 sites)
  - 2008 (2 sites)
  - 2007 (2 sites)
  - 2006 (2 sites)
  - 2005 (2 sites)
  - 2004 (2 sites)
  - 2003 (2 sites)
  - 2002 (2 sites)
  - 2001 (2 sites)

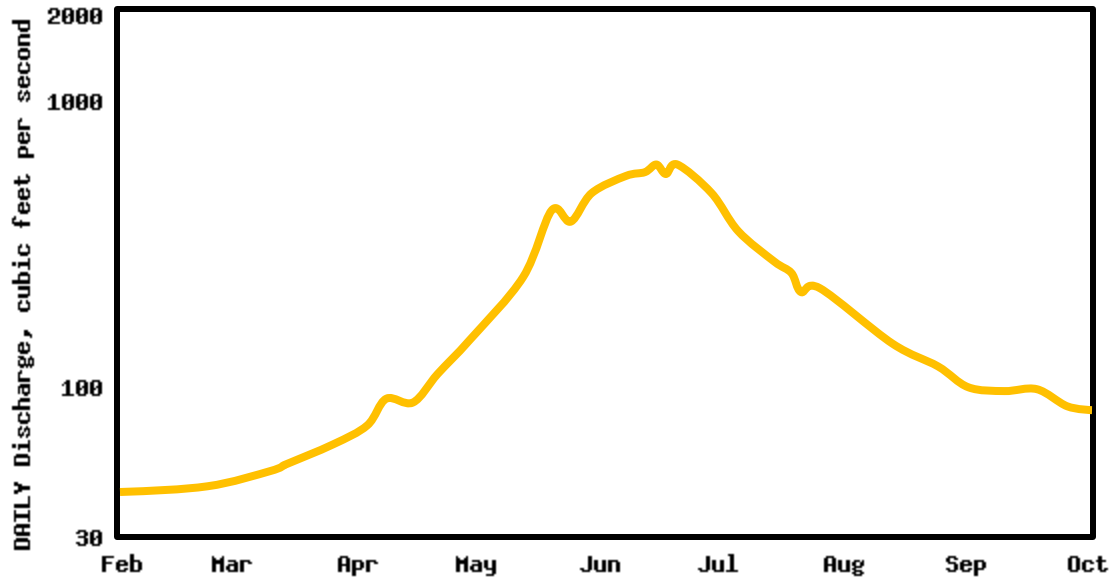
Linear Scale  
Log Scale



\* # of sites does not meet basin threshold. Data from this year will not for use in calculation of statistics  
Updated: "Tuesday, Mar 01, 2022 @ 04 AM PST"

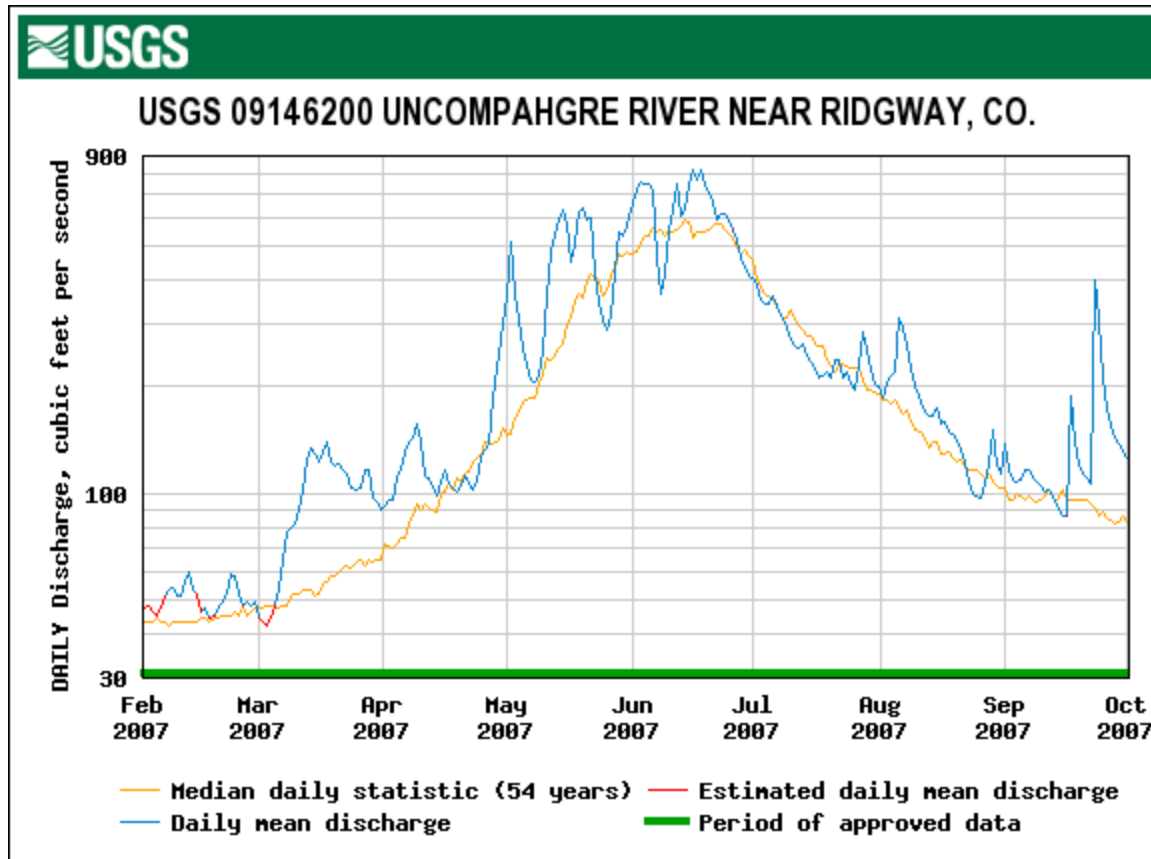


### USGS 09146200 UNCOMPAHGRE RIVER NEAR RIDGWAY, CO.



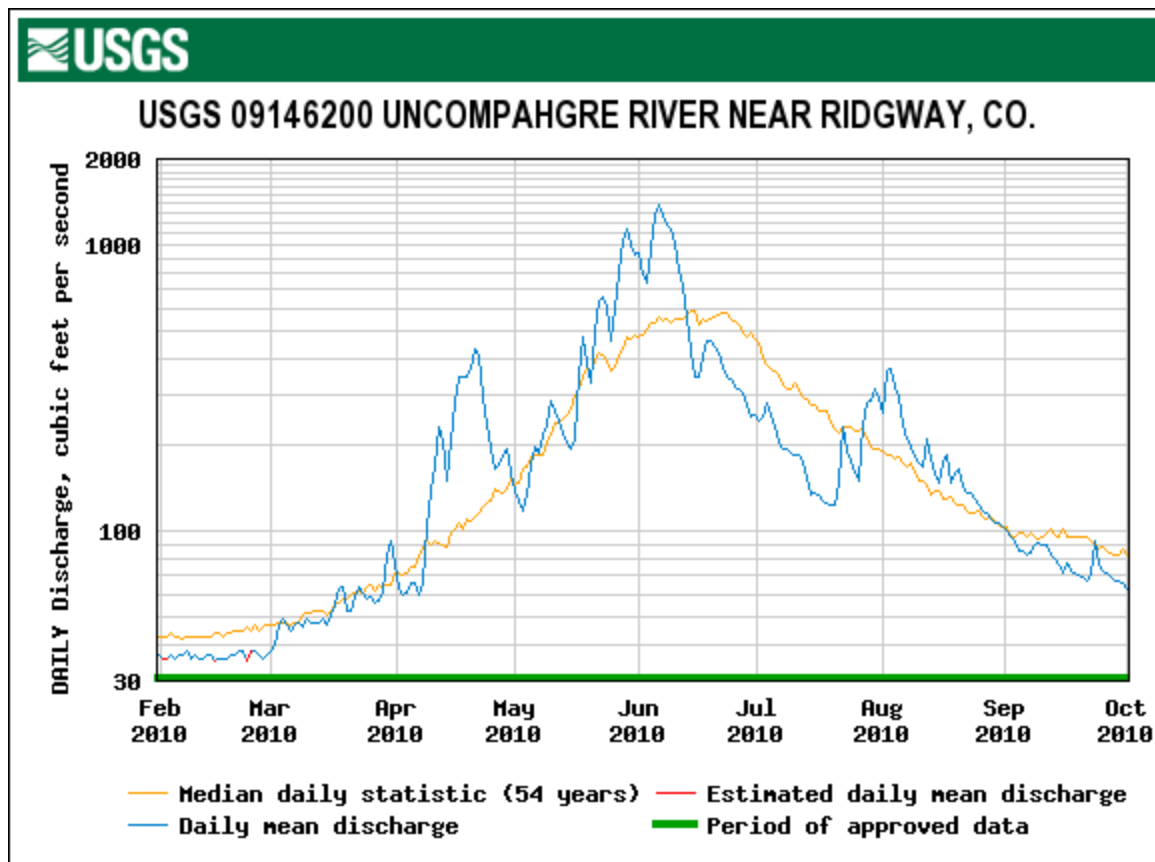
— Median daily statistic (54 years) — Estimated daily mean discharge  
— Daily mean discharge — Period of approved data

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

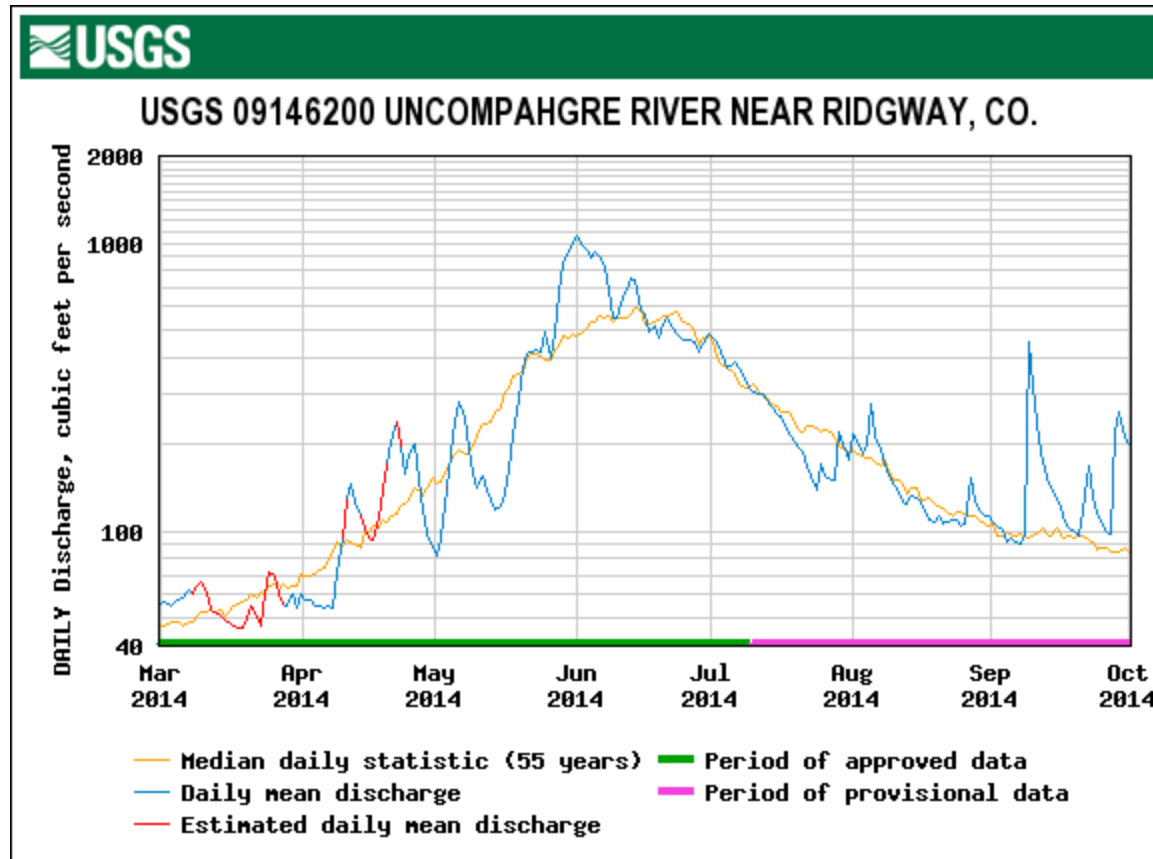




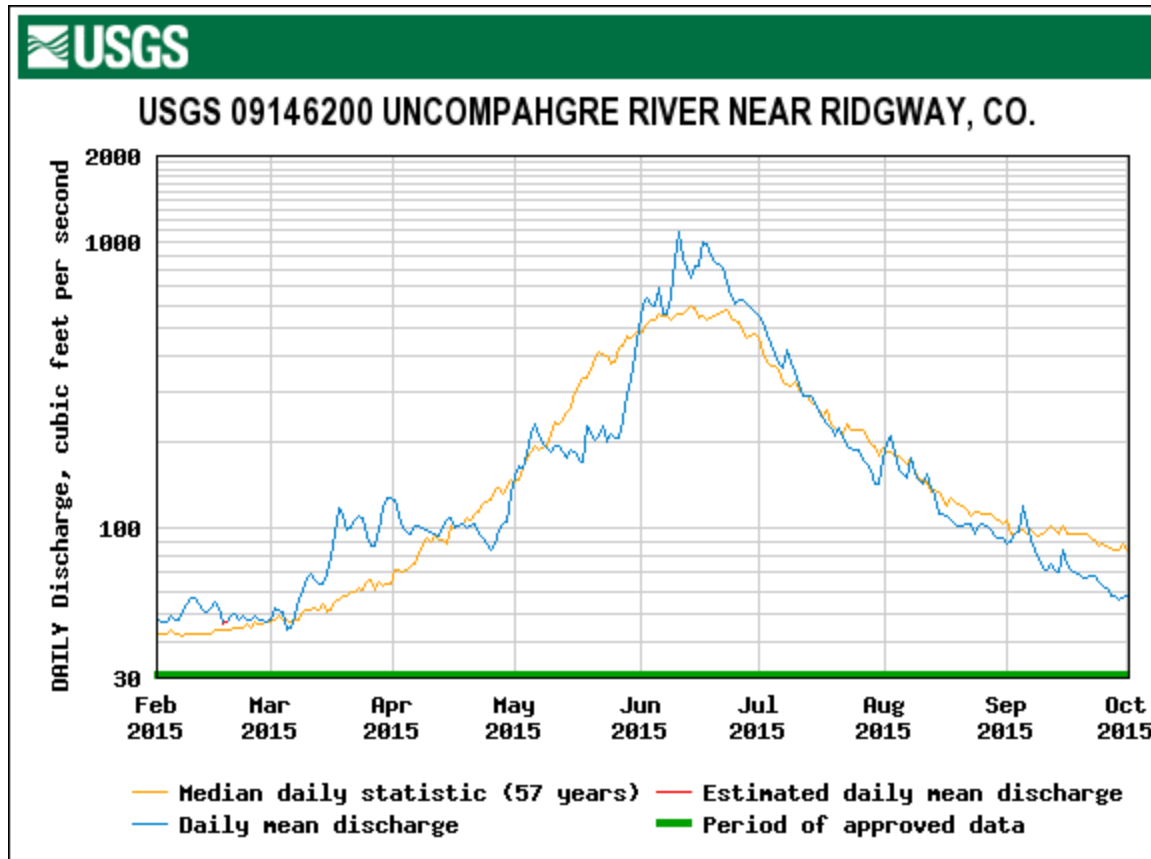
## WY 2010: Avg March 1 SWE, Dry Spring, Max- Dust



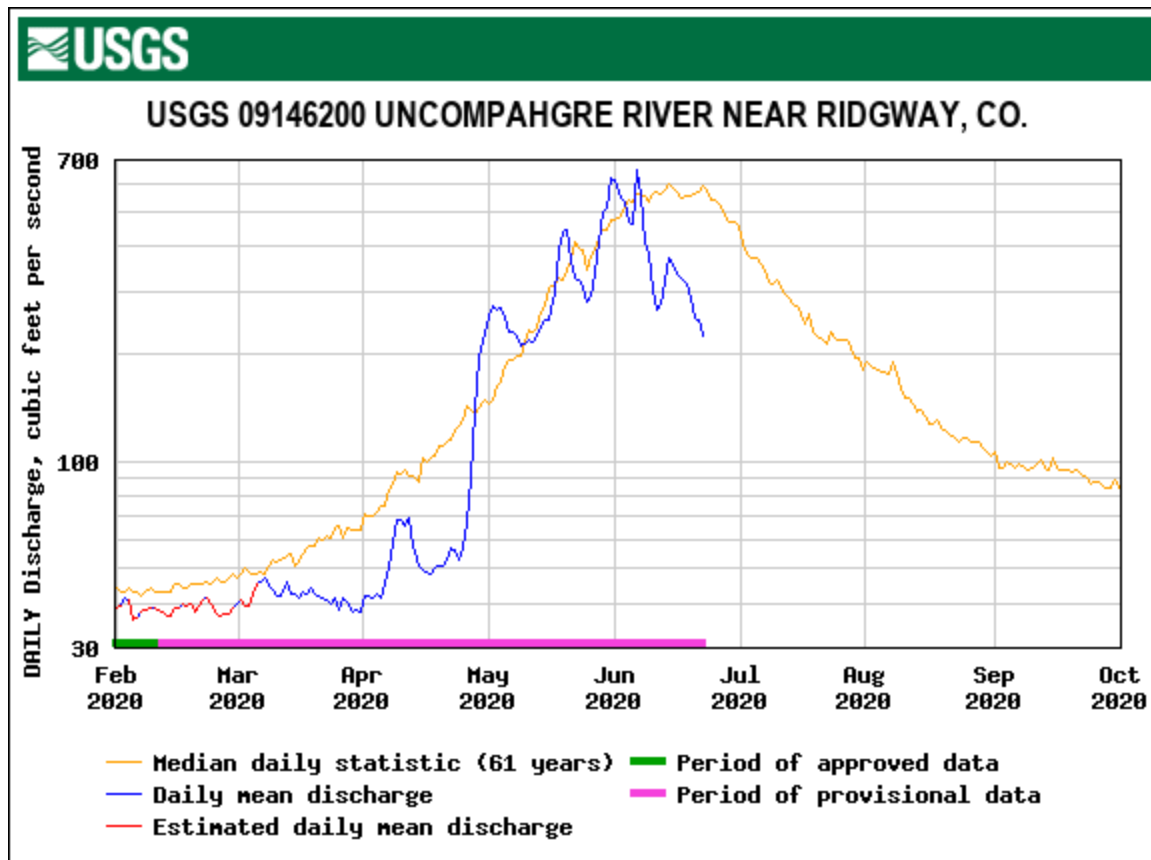
# WY 2014: Avg March 1 SWE, Avg Spring, Avg Dust



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



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



# WY 2021: Avg March 1 SWE, Avg Spring, Avg Dust

