

Colorado Dust-on-Snow Program

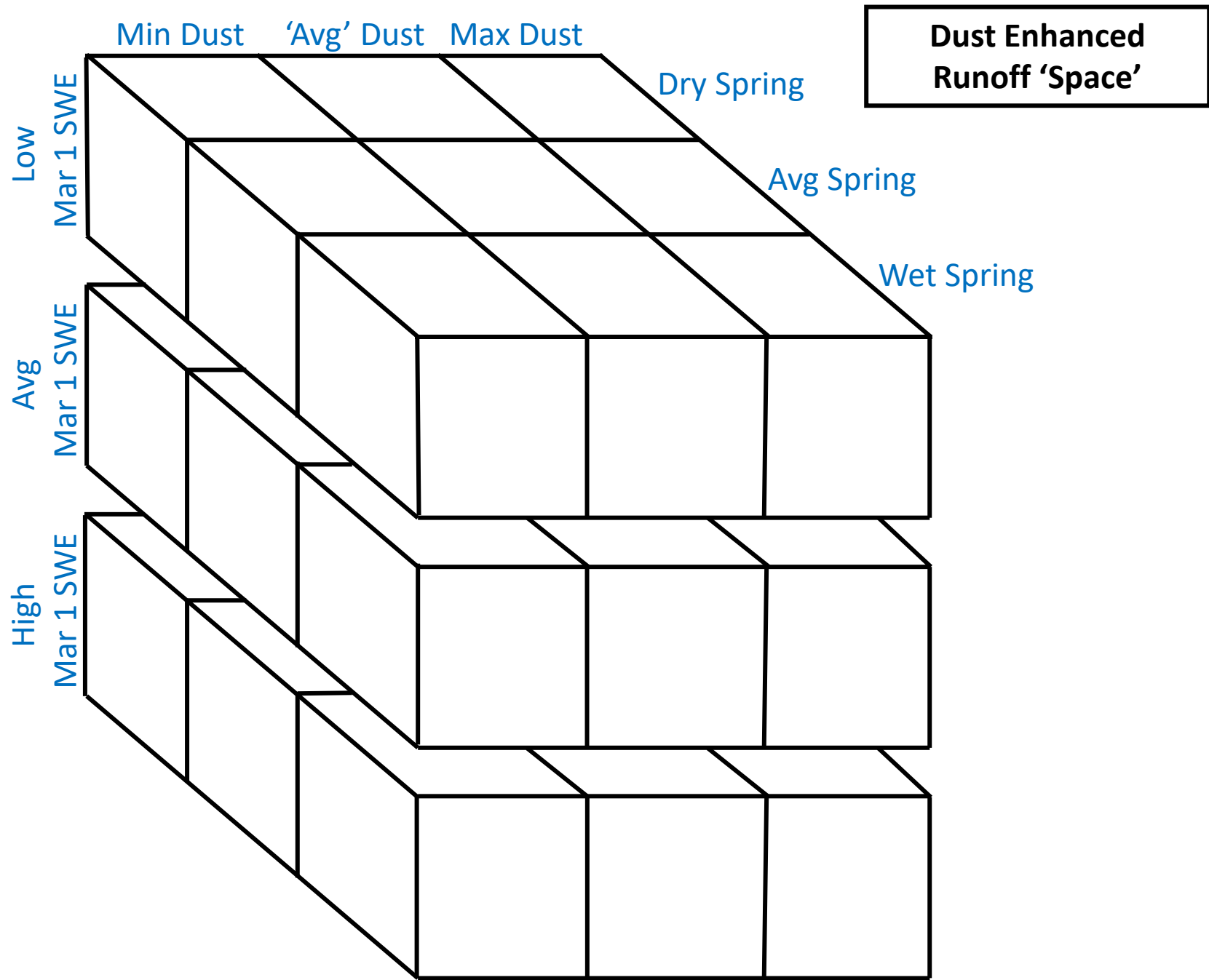
WY 2023 Dust Enhanced Runoff Classification

Yampa River Watershed

as of: March 1, 2023 Update

for:

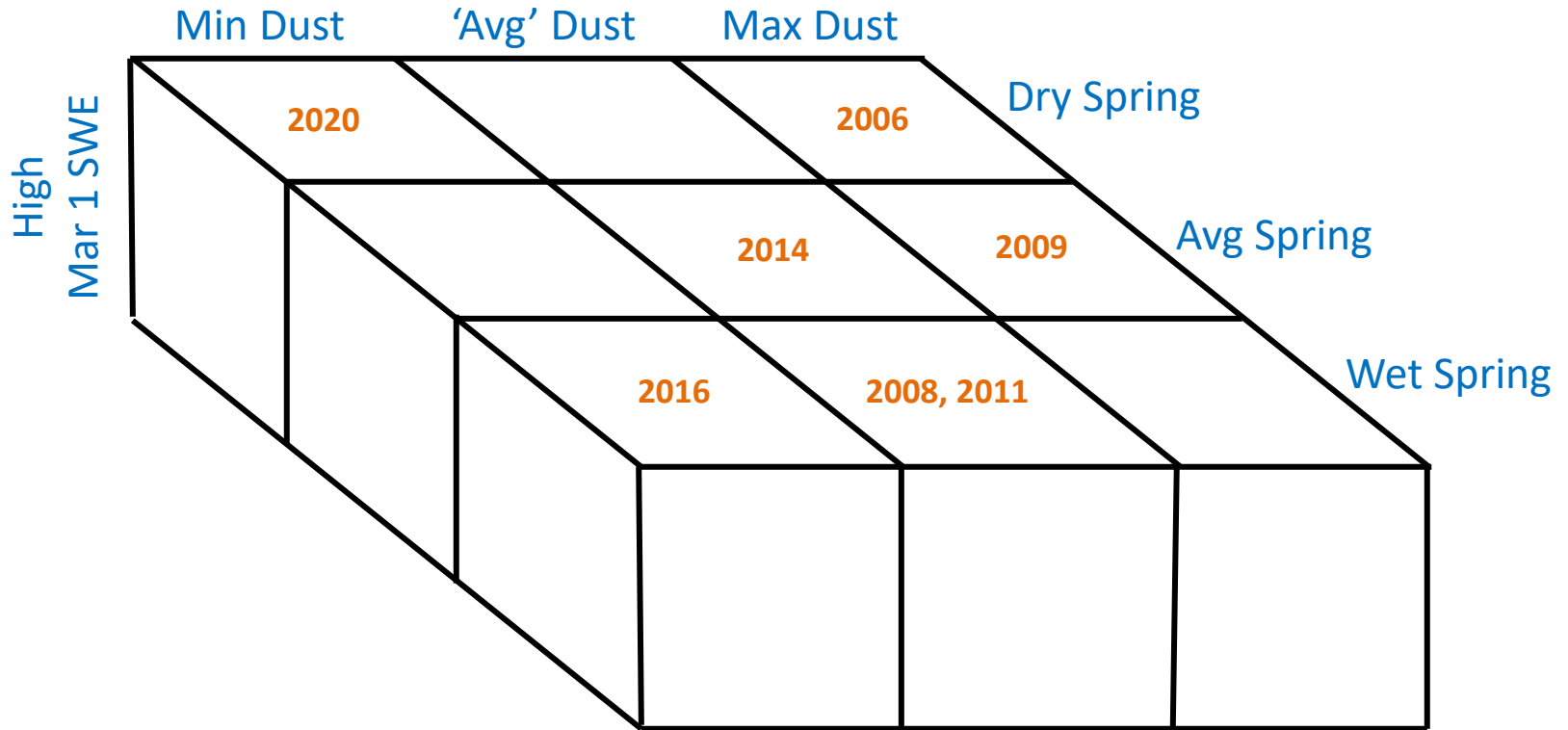
Rabbit Ears Pass Snotel, Yampa River at Steamboat Springs



CODOS and Other Selected SNOTEL Sites % 1991-2020 Median March 1 SWE				
SNOTEL Site	Median	Actual	% Median SWE	CODOS Classification based on 1991-2020
	SWE	SWE	1991-2020	
	March 1	March 1	March 1	
	1991-2020	WY 2023	WY 2023	
Red Mtn Pass	17.1	21.4	125%	High
Slumgullion	10.6	10.0	94%	Average
Upper San Juan	23.9	30.0	126%	High
Wolf Creek Summit	24.4	31.6	130%	High
Beartown	16.6	21.3	128%	High
Lizard Head	11.8	15.9	135%	High
Park Cone	8.2	9.5	116%	High
Schofield Pass	24.2	32.1	133%	High
McClure Pass	13.4	19.9	149%	High
Independence Pass	13.0	12.5	96%	Average
Hoosier Pass	11.4			--
Grizzly Peak	13.6	12.4	91%	Average
Berthoud Summit	13.8	14.1	102%	Average
Willow Creek Pass	10.6	13.1	124%	High
Rabbit Ears Pass	19.6	23.7	121%	High
Mesa Lakes	12.3	15.6	127%	High

Yampa River Watershed				
Rabbit Ears Pass Snotel				
		Dry Spring	Avg Spring	Wet Spring
LOW March 1 SWE	Min Dust			
	Avg Dust	2012, 2021	2018	
	Max Dust		2013	2010, 2022
AVG March 1 SWE	Min Dust	2007	2015, 2017	
	Avg Dust			2019
	Max Dust			
HIGH March 1 SWE	Min Dust	2020		2016
	Avg Dust		2014	2008, 2011
	Max Dust	2006	2009	

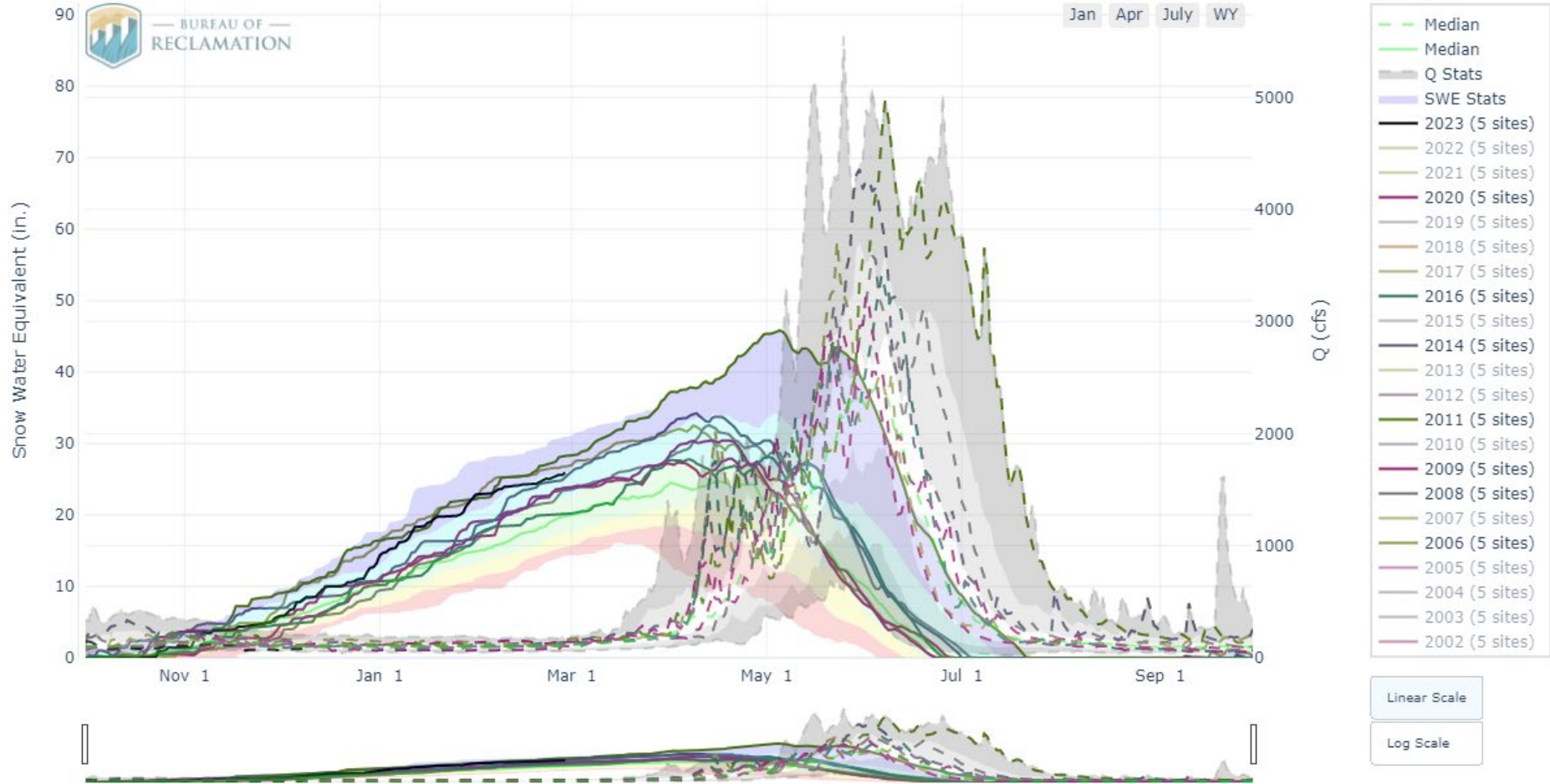
Yampa River Watershed – Rabbit Ears Pass Snotel
WY 2023 = High March 1 SWE



Snow to Flow Relationship for Yampa R at Steamboat Springs



Jan Apr July WY



- Station List
- Median
 - Median
 - Q Stats
 - SWE Stats
 - 2023 (5 sites)
 - 2022 (5 sites)
 - 2021 (5 sites)
 - 2020 (5 sites)
 - 2019 (5 sites)
 - 2018 (5 sites)
 - 2017 (5 sites)
 - 2016 (5 sites)
 - 2015 (5 sites)
 - 2014 (5 sites)
 - 2013 (5 sites)
 - 2012 (5 sites)
 - 2011 (5 sites)
 - 2010 (5 sites)
 - 2009 (5 sites)
 - 2008 (5 sites)
 - 2007 (5 sites)
 - 2006 (5 sites)
 - 2005 (5 sites)
 - 2004 (5 sites)
 - 2003 (5 sites)
 - 2002 (5 sites)

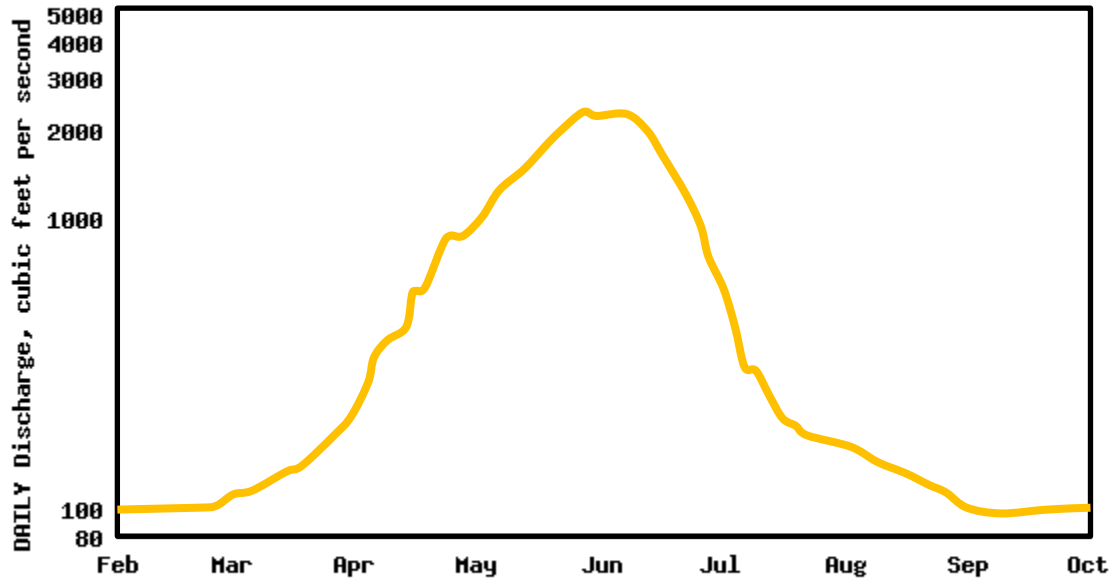
Linear Scale

Log Scale

* # of sites does not meet basin threshold. Data from this year will not for use in calculation of statistics
 Updated: "Tuesday, Feb 28, 2023 @ 04 AM PST"

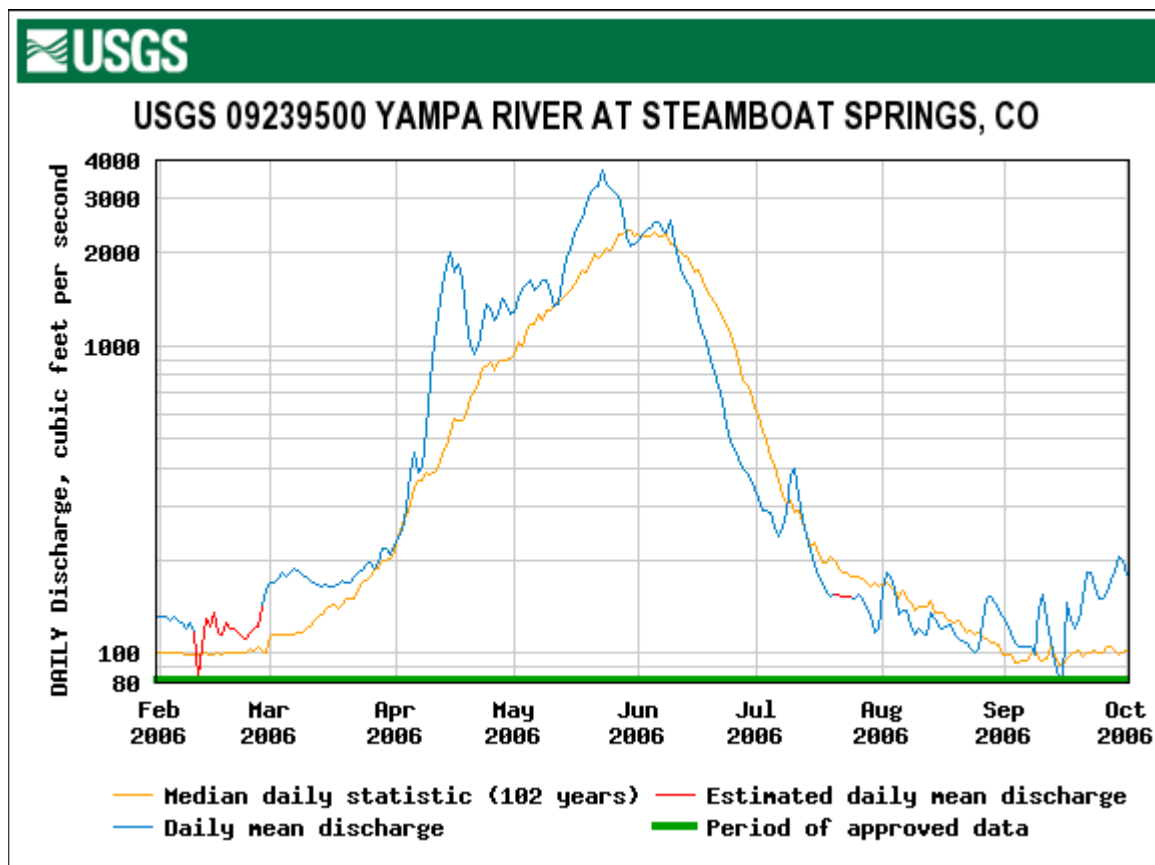


USGS 09239500 YAMPA RIVER AT STEAMBOAT SPRINGS, CO

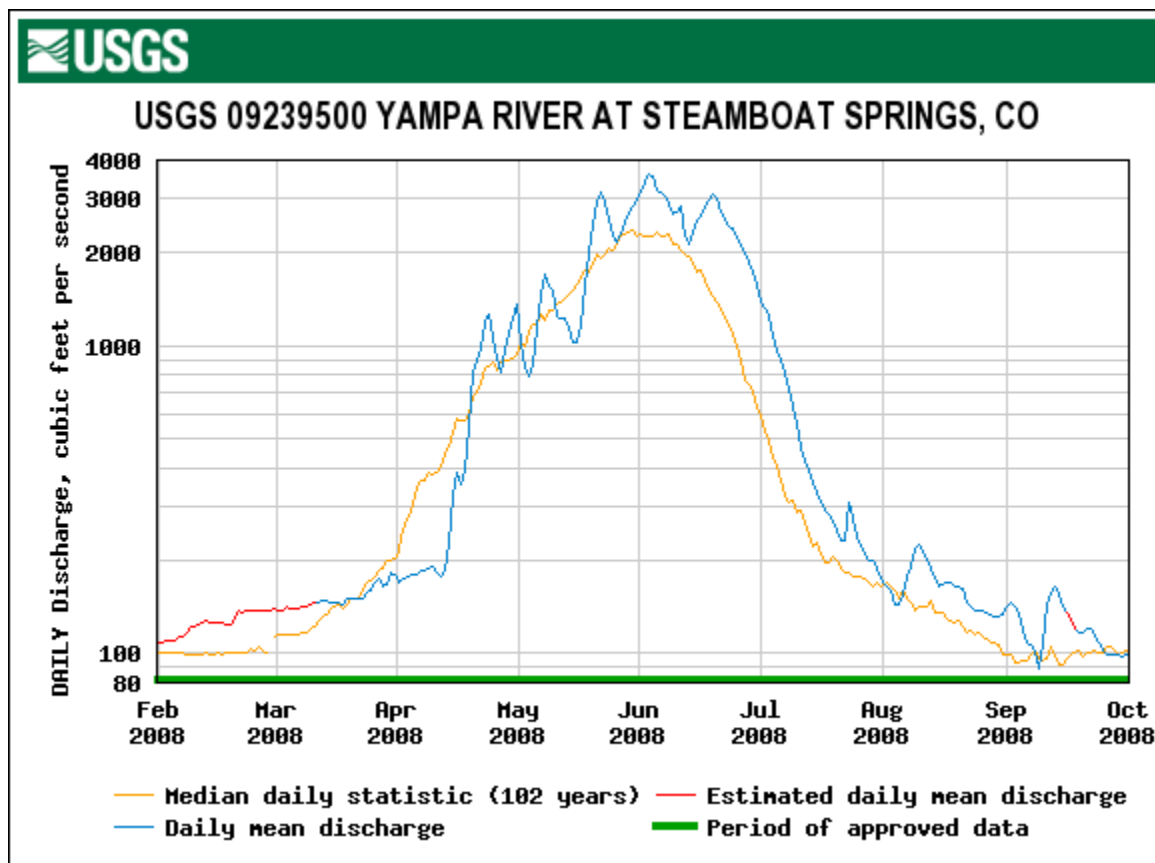


— Median daily statistic (102 years) — Estimated daily mean discharge
— Daily mean discharge — Period of approved data

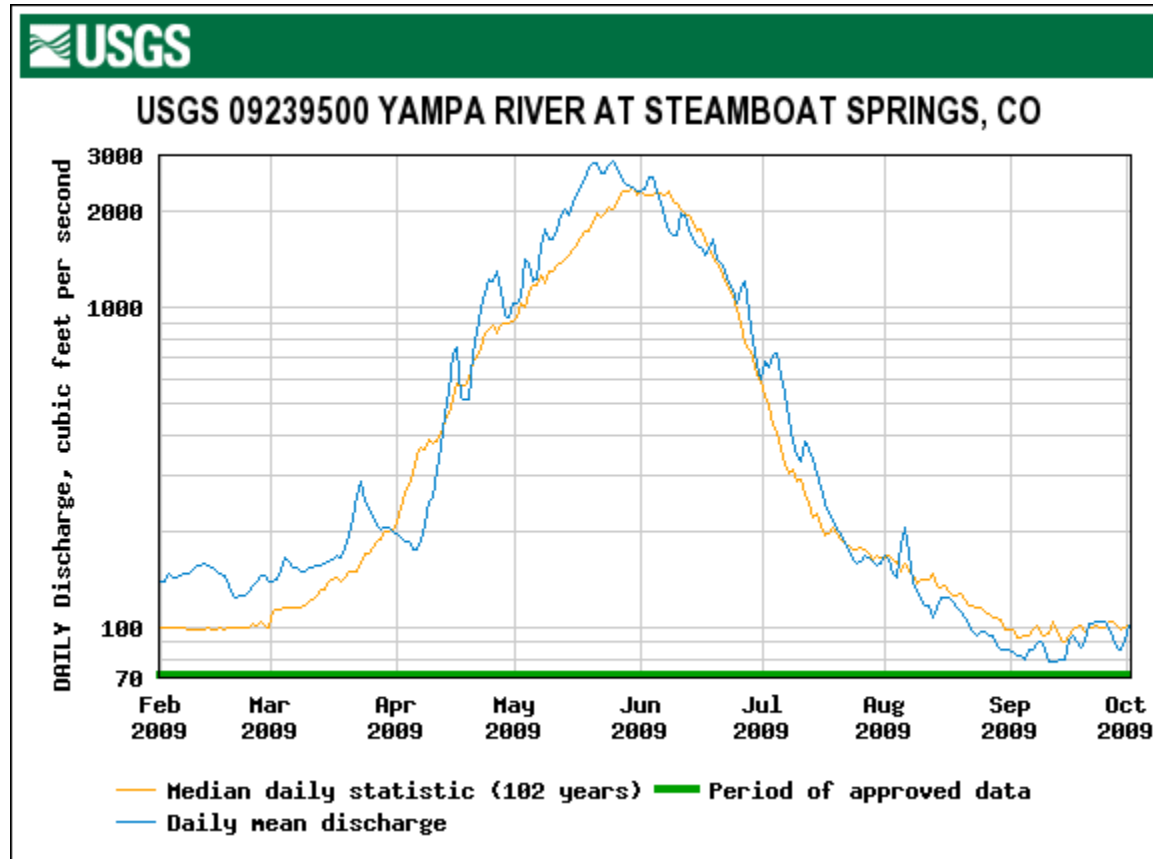
WY 2006: High March 1 SWE, Dry Spring, Max- Dust



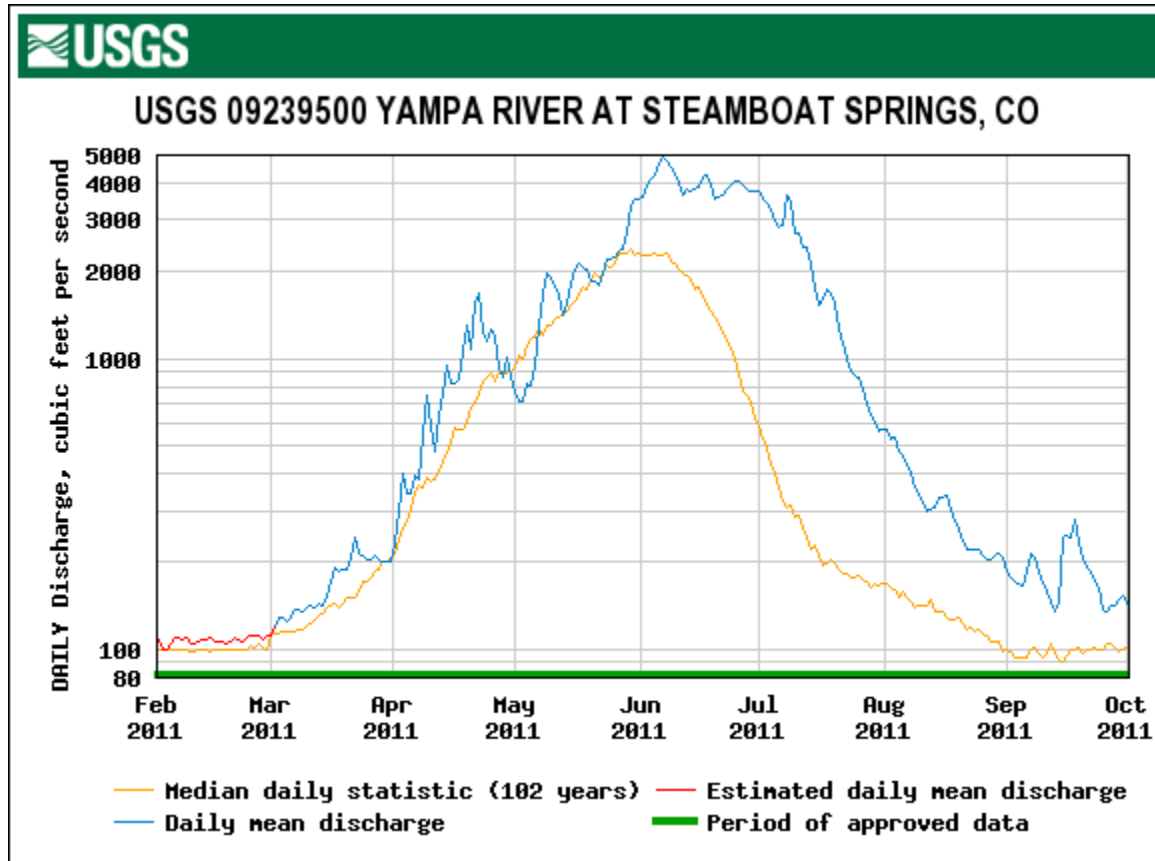
WY 2008: High March 1 SWE, Wet Spring, Avg Dust



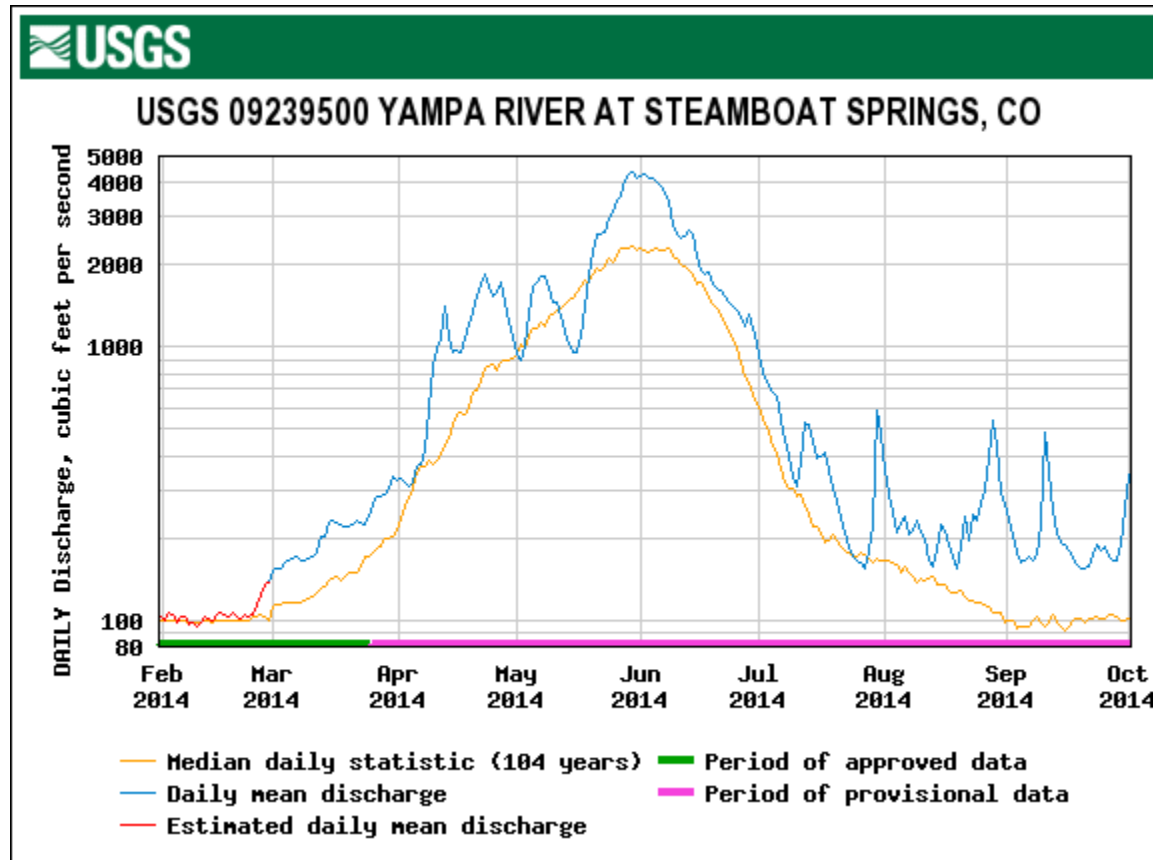
WY 2009: High March 1 SWE, Avg Spring, Max Dust



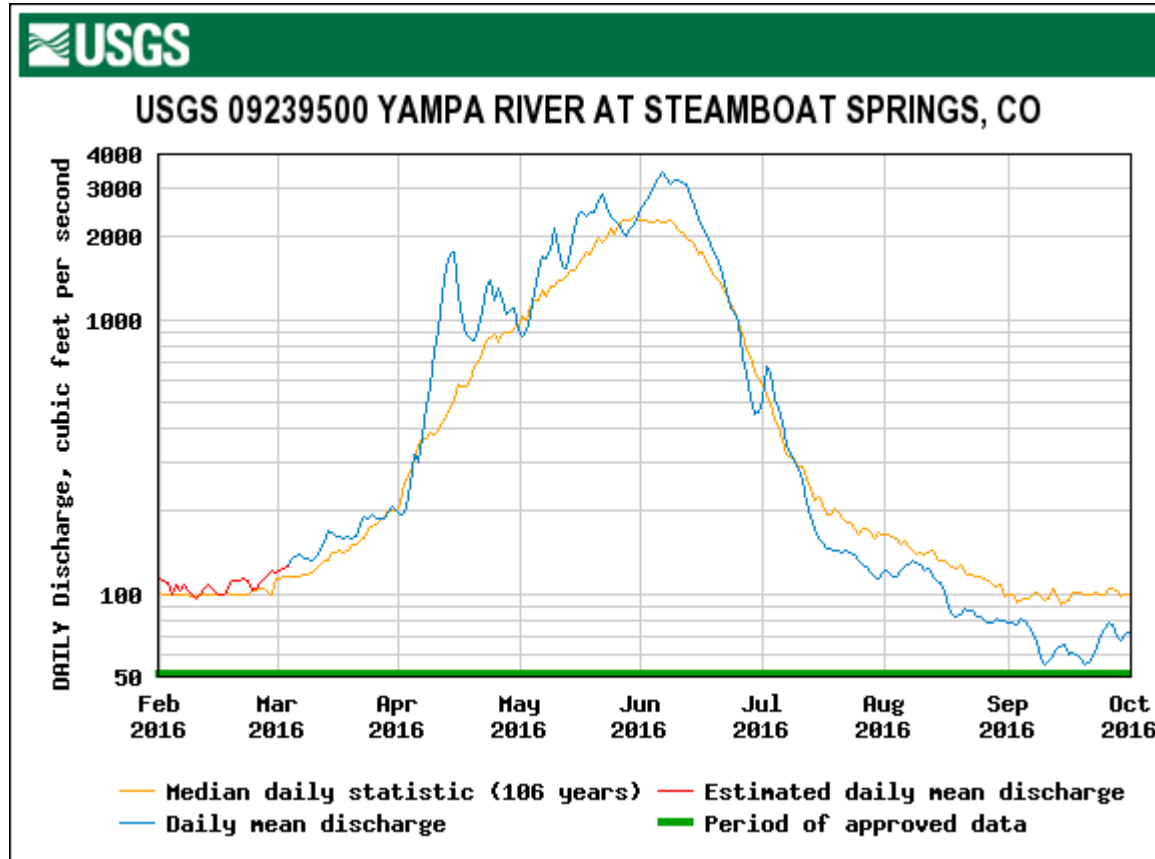
WY 2011: High March 1 SWE, Wet Spring, Avg Dust



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



WY 2016: High March 1 SWE, Wet Spring, Min Dust



WY 2020: High March 1 SWE, Dry Spring, Min Dust

