

Colorado Dust-on-Snow Program

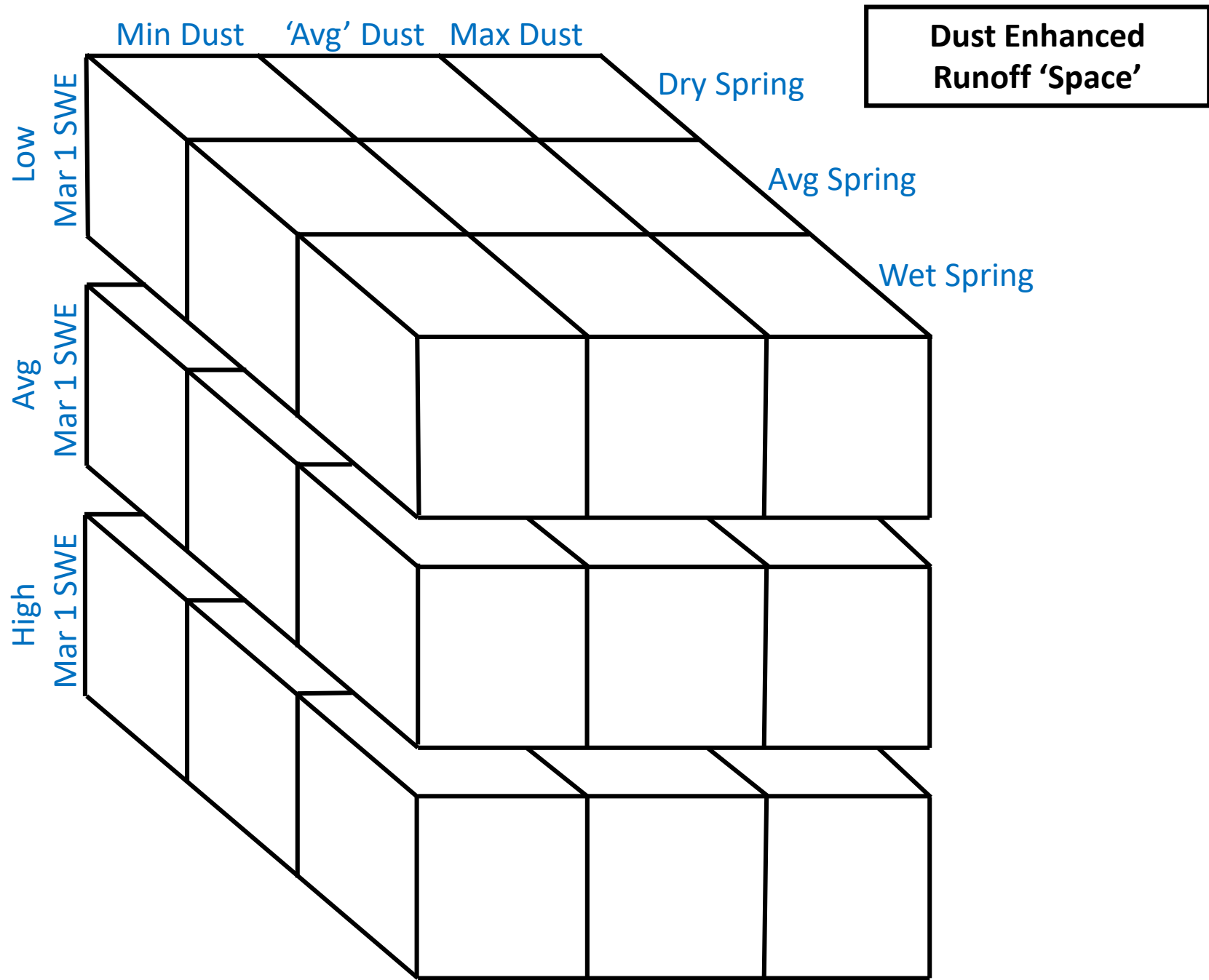
WY 2021 Dust Enhanced Runoff Classification

Taylor River – Gunnison River Watershed

as of: March 1, 2021 Update

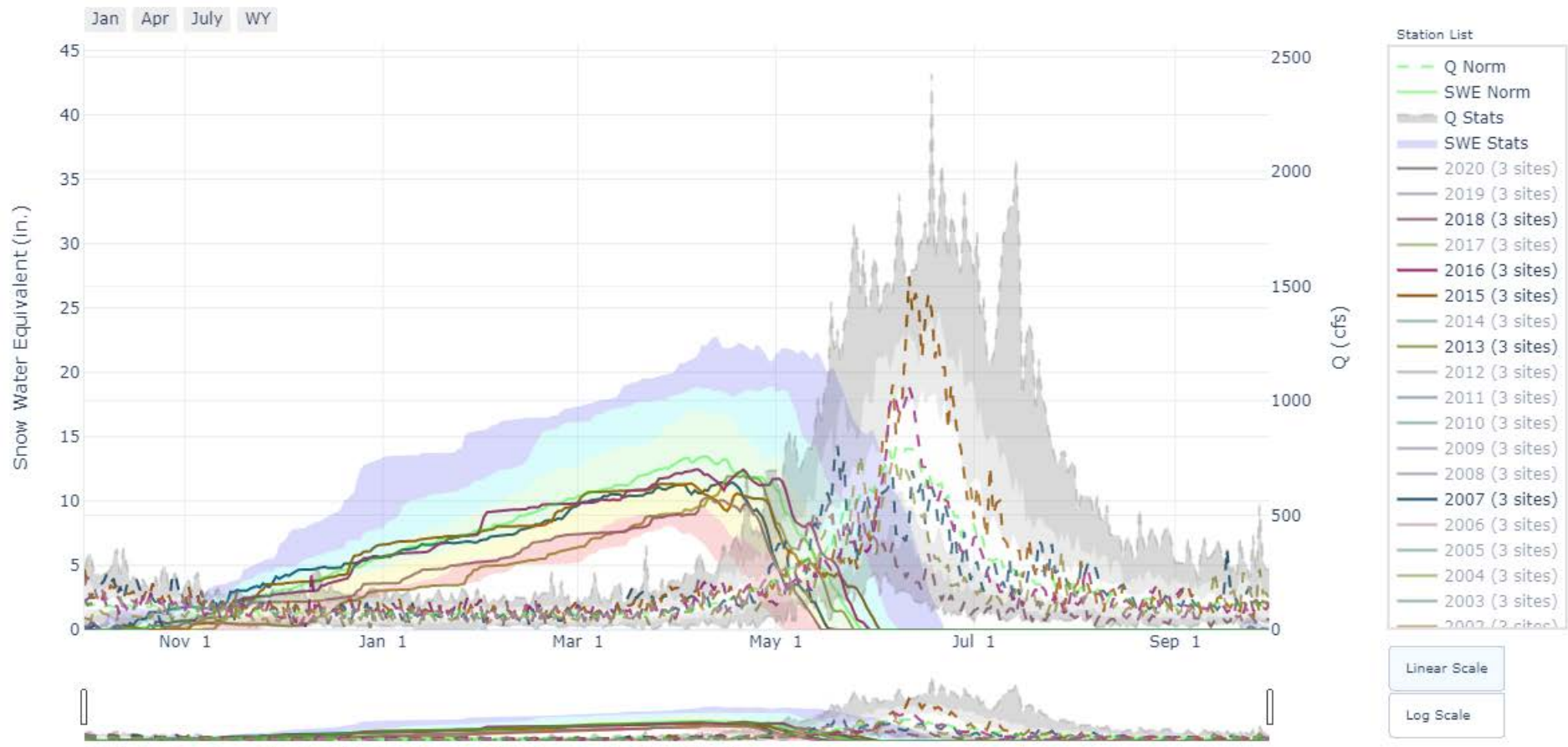
for:

Park Cone Snotel, Taylor River at Taylor Park



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>

SWE-Q Relationship for Taylor R bl Taylor Park Reservoir



* # of sites does not meet threshold. Data from this year will not be used in calculation of statistics

Gunnison Watershed - Taylor Fork

Park Cone Snotel

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

Dry Spring	Avg Spring	Wet Spring
2006	2008	2011
2007	2009	2015
2010	2013	
2012	2016	
2014		
2017		
2018		
Low SWE	Avg SWE	High SWE
2006	2006	2008
2013	2010	2009
2015	2012	2011
2016		2014
2018		2017
Min Dust	Avg Dust	Max Dust
	2006	
2007		
	2008	
		2009
	2010	
	2011	
	2012	
		2013
	2014	
2015		
	2016	
	2017	
	2018	

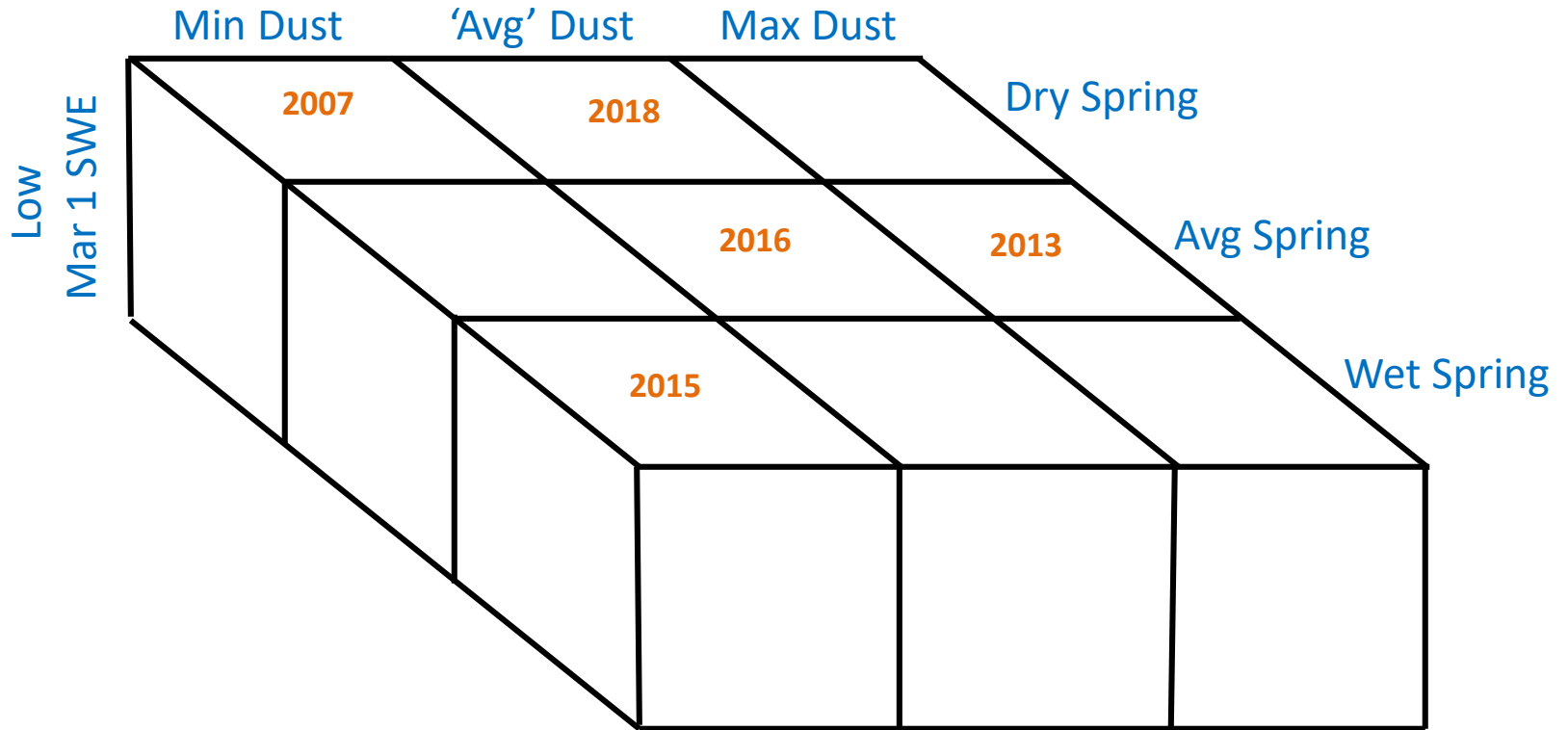
Mar 1 SWE

1981-2010

Median Actual %

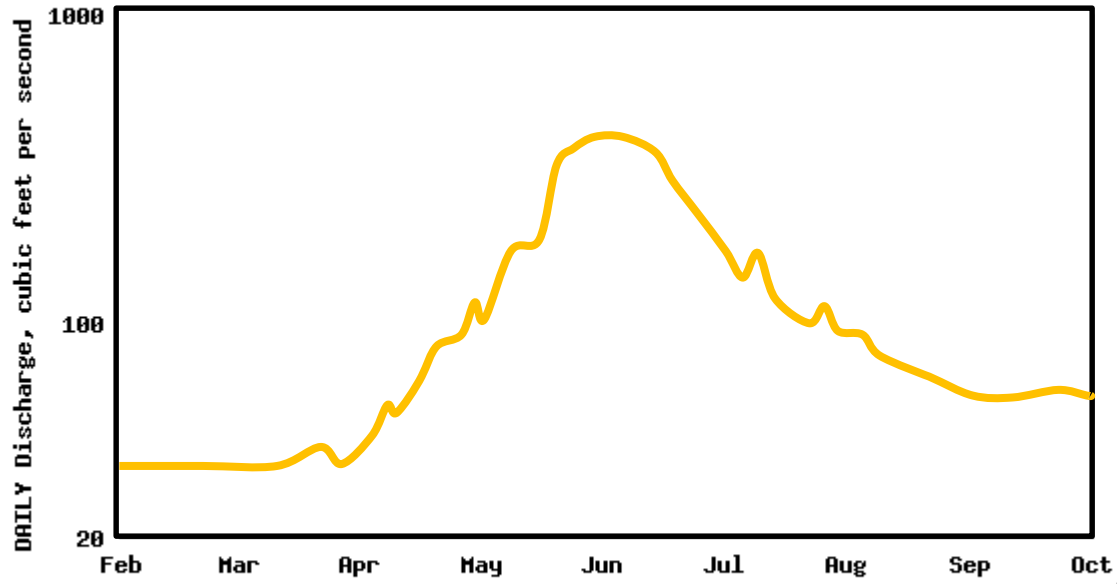
2006	8.3	8.7	105%
2007	8.3	6.7	81%
2008	8.3	14.0	169%
2009	8.3	9.9	119%
2010	8.3	8.0	96%
2011	8.3	10.9	131%
2012	8.3	7.6	92%
2013	8.3	5.5	66%
2014	8.3	11.1	134%
2015	8.3	6.7	81%
2016	8.3	7.0	84%
2017	8.3	16.8	202%
2018	8.3	6.4	77%

Taylor River, Gunnison River Watershed – Park Cone Snotel
WY 2021 = Low March 1 SWE



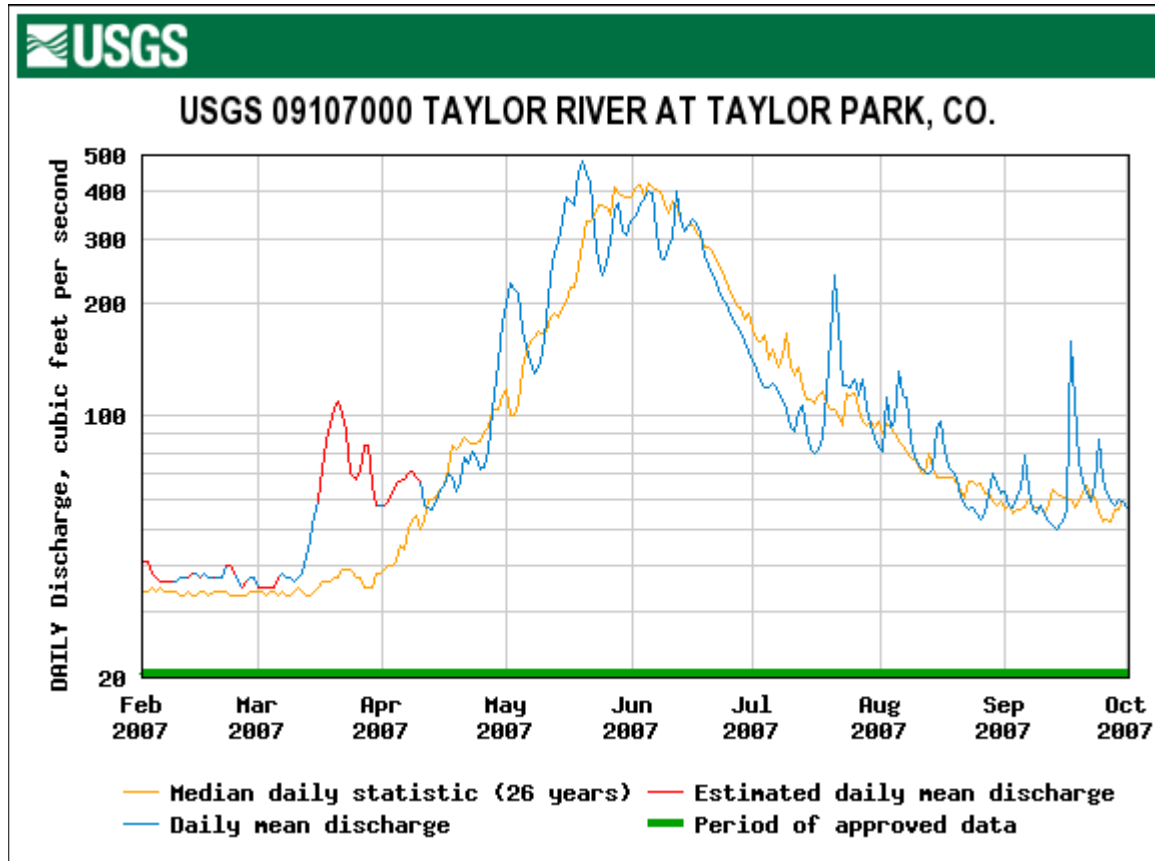


USGS 09107000 TAYLOR RIVER AT TAYLOR PARK, CO.

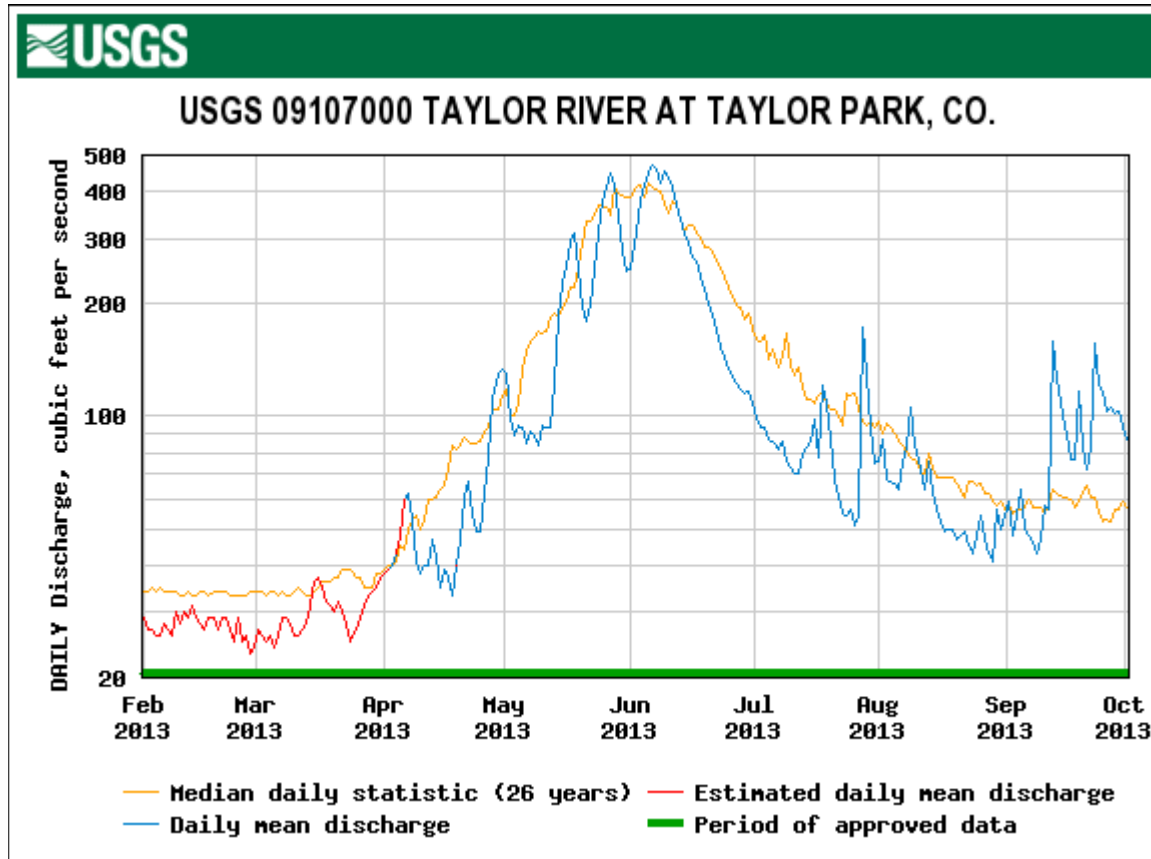


— Median daily statistic (26 years) — Estimated daily mean discharge
— Daily mean discharge — Period of approved data

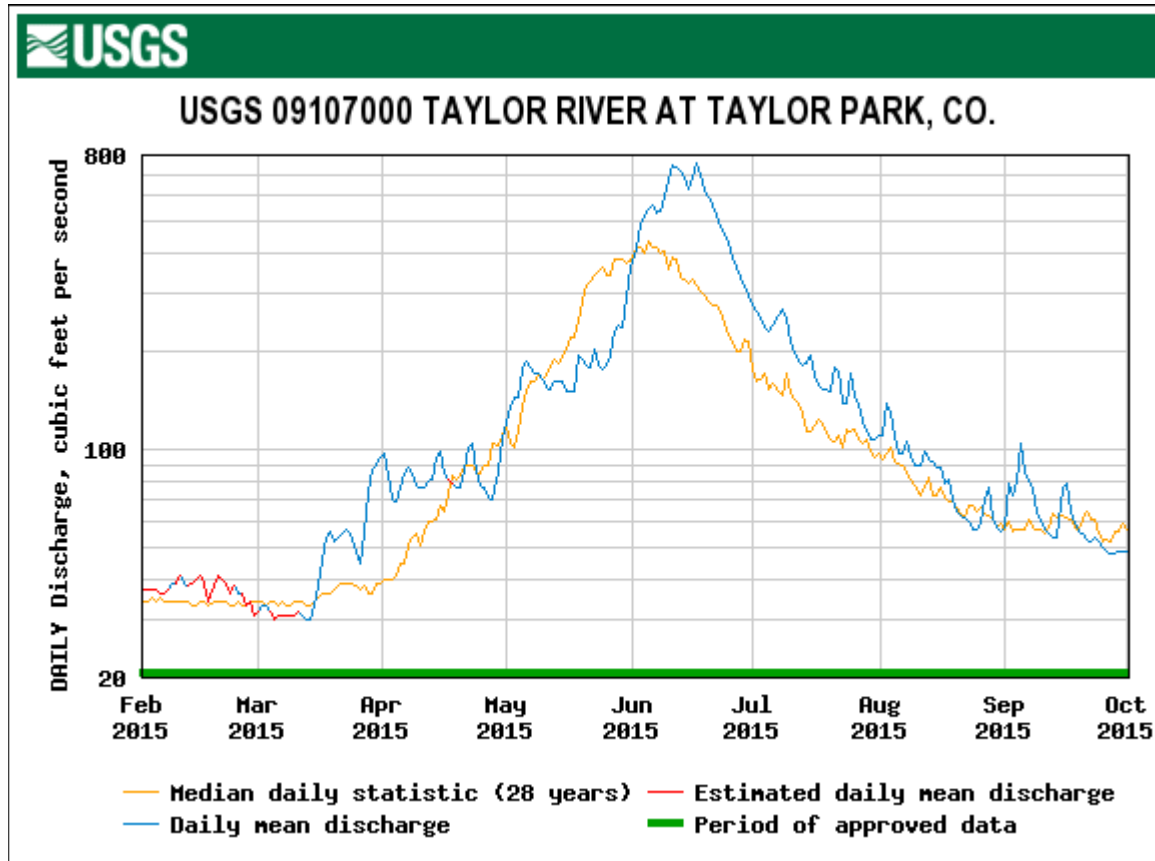
WY 2007: Low March 1 SWE, Dry Spring, Min+ Dust



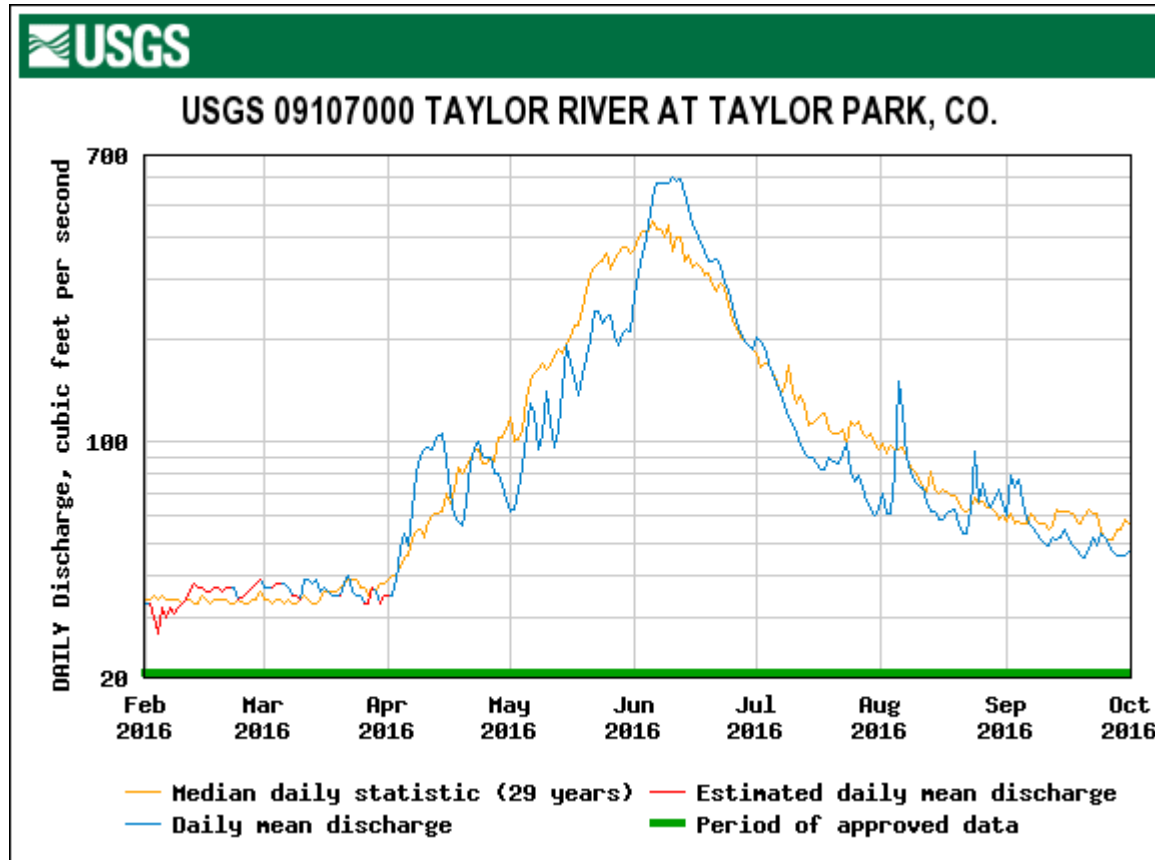
WY 2013: Low March 1 SWE, Avg Spring, Max Dust



WY 2015: Low March 1 SWE, Wet Spring, Min Dust



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



WY 2018: Low March 1 SWE, Dry Spring, Avg Dust

