

Colorado Dust-on-Snow Program

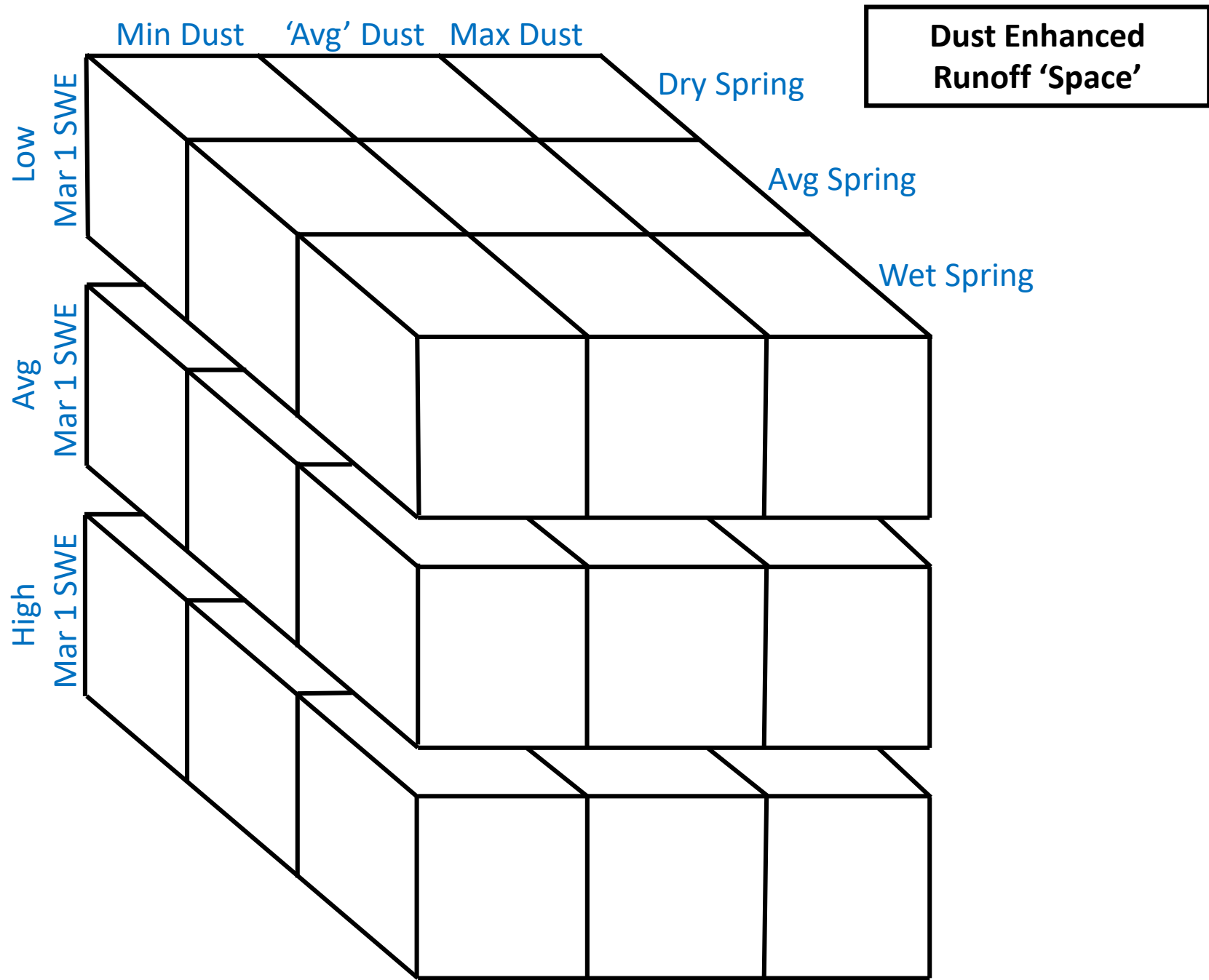
WY 2022 Dust Enhanced Runoff Classification

East River – Gunnison River Watershed

as of: March 1, 2022 Update

for:

Schofield Pass Snotel, East River at Almont



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

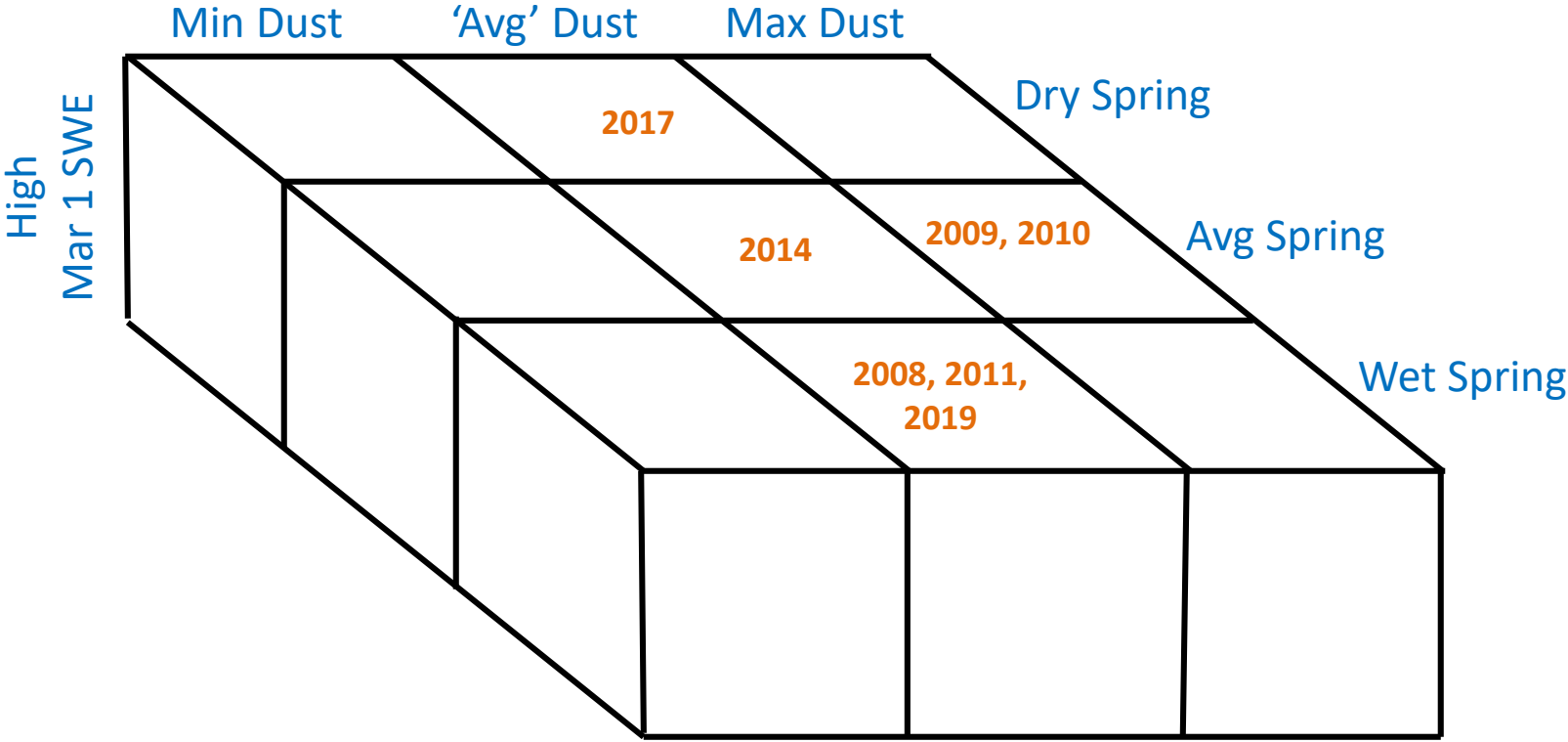
Gunnison Watershed - East River

Schofield Pass Snotel

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

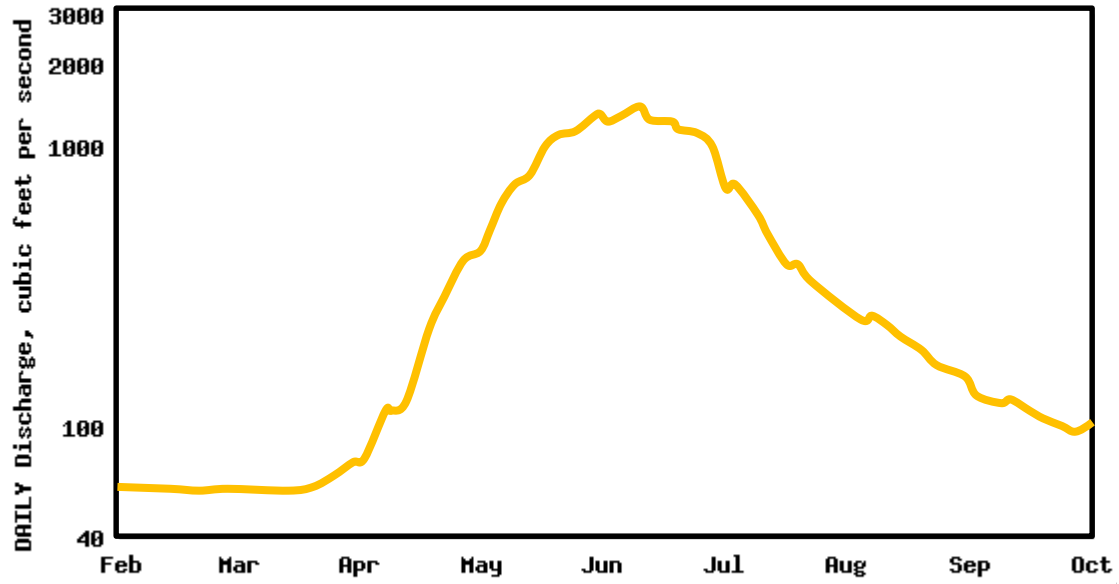
East River - Gunnison River Watershed – Schofield Pass Snotel

WY 2022 = High March 1 SWE





USGS 09112500 EAST RIVER AT ALMONT, CO

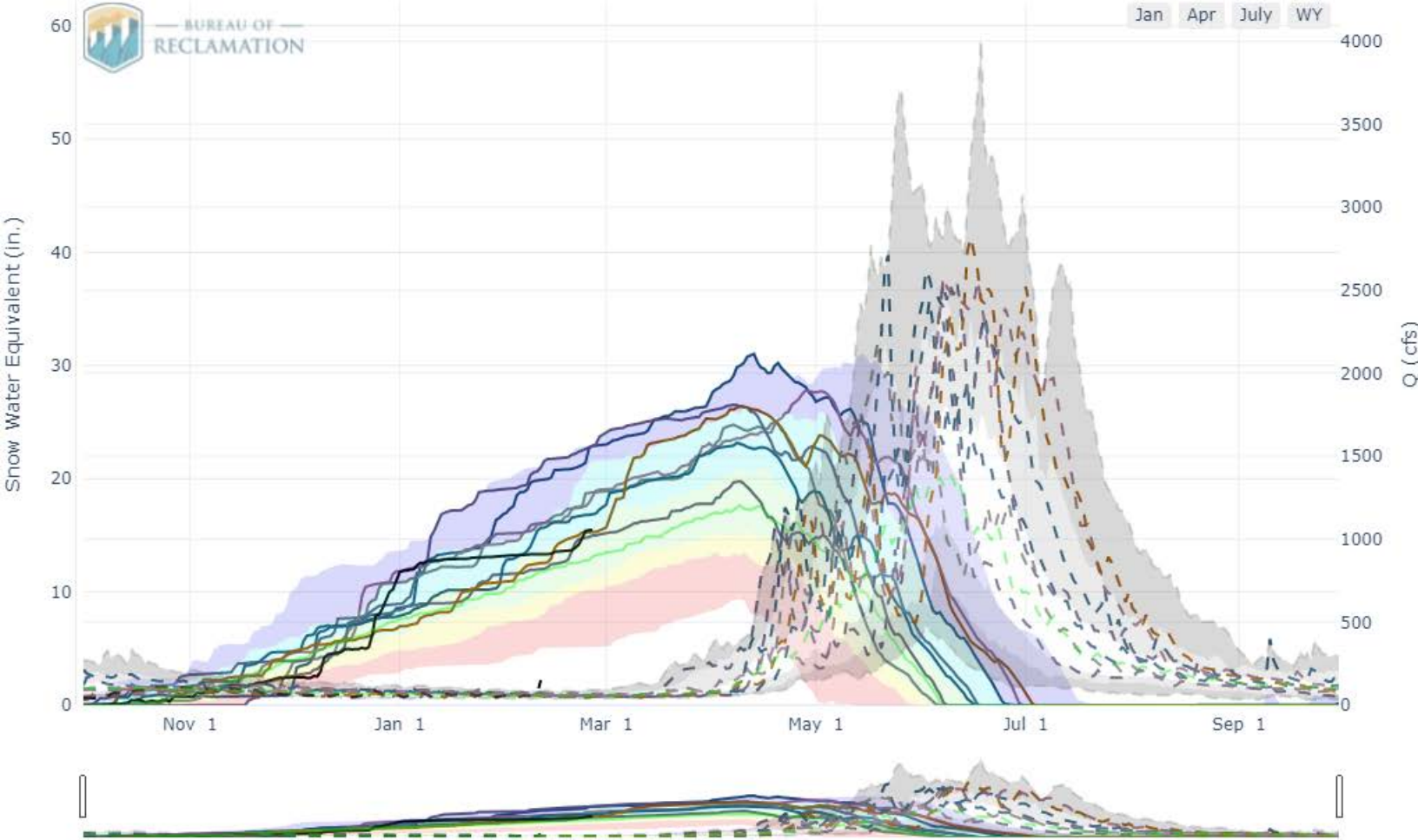


— Median daily statistic (91 years) — Estimated daily mean discharge
— Daily mean discharge — Period of approved data

Snow to Flow Relationship for East R at Almont



Jan Apr July WY



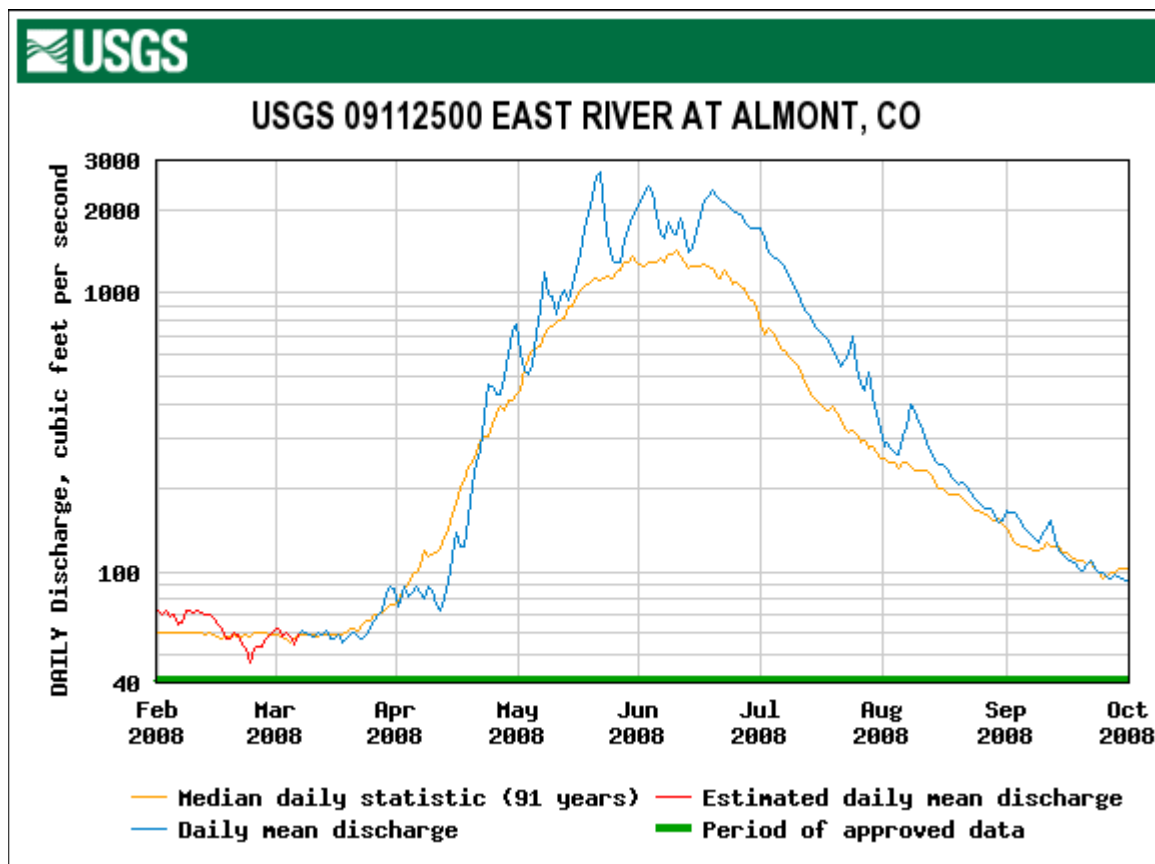
- Station List
- Median
 - Median
 - Q Stats
 - SWE Stats
 - 2022 (4 sites)
 - 2021 (4 sites)
 - 2020 (4 sites)
 - 2019 (4 sites)
 - 2018 (4 sites)
 - 2017 (4 sites)
 - 2016 (4 sites)
 - 2015 (4 sites)
 - 2014 (4 sites)
 - 2013 (4 sites)
 - 2012 (4 sites)
 - 2011 (4 sites)
 - 2010 (4 sites)
 - 2009 (4 sites)
 - 2008 (4 sites)
 - 2007 (4 sites)
 - 2006 (4 sites)
 - 2005 (4 sites)
 - 2004 (4 sites)
 - 2003 (4 sites)
 - 2002 (4 sites)
 - 2001 (4 sites)

Linear Scale

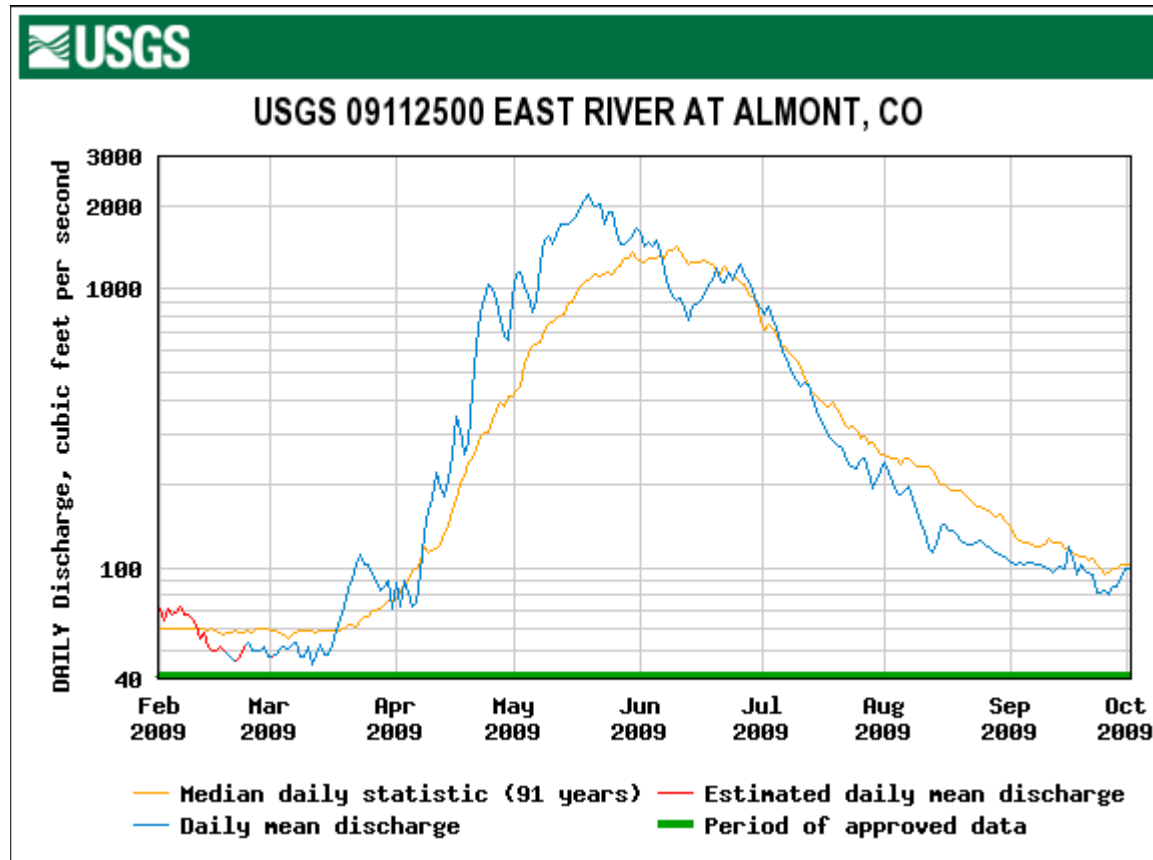
Log Scale

* # of sites does not meet basin threshold. Data from this year will not for use in calculation of statistics
 Updated: "Saturday, Feb 26, 2022 @ 04 AM PST"

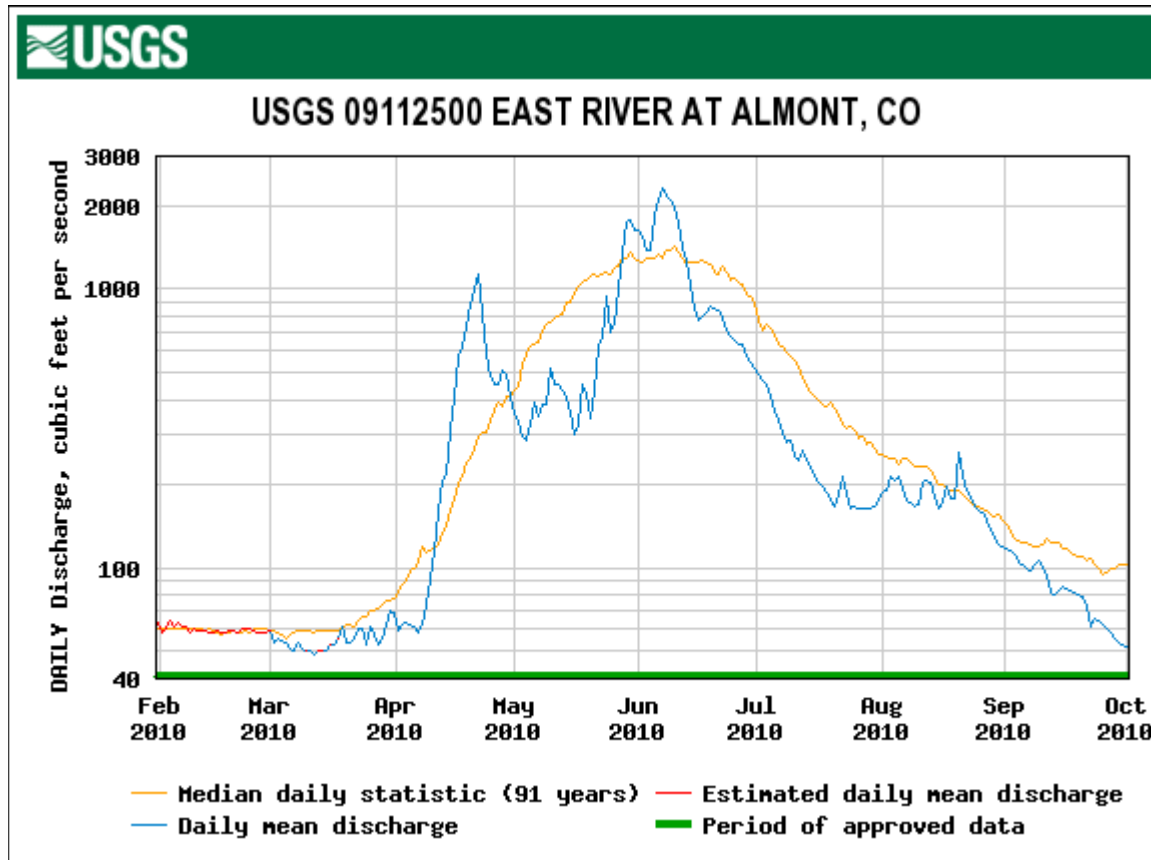
WY 2008: High March 1 SWE, Wet Spring, Avg Dust



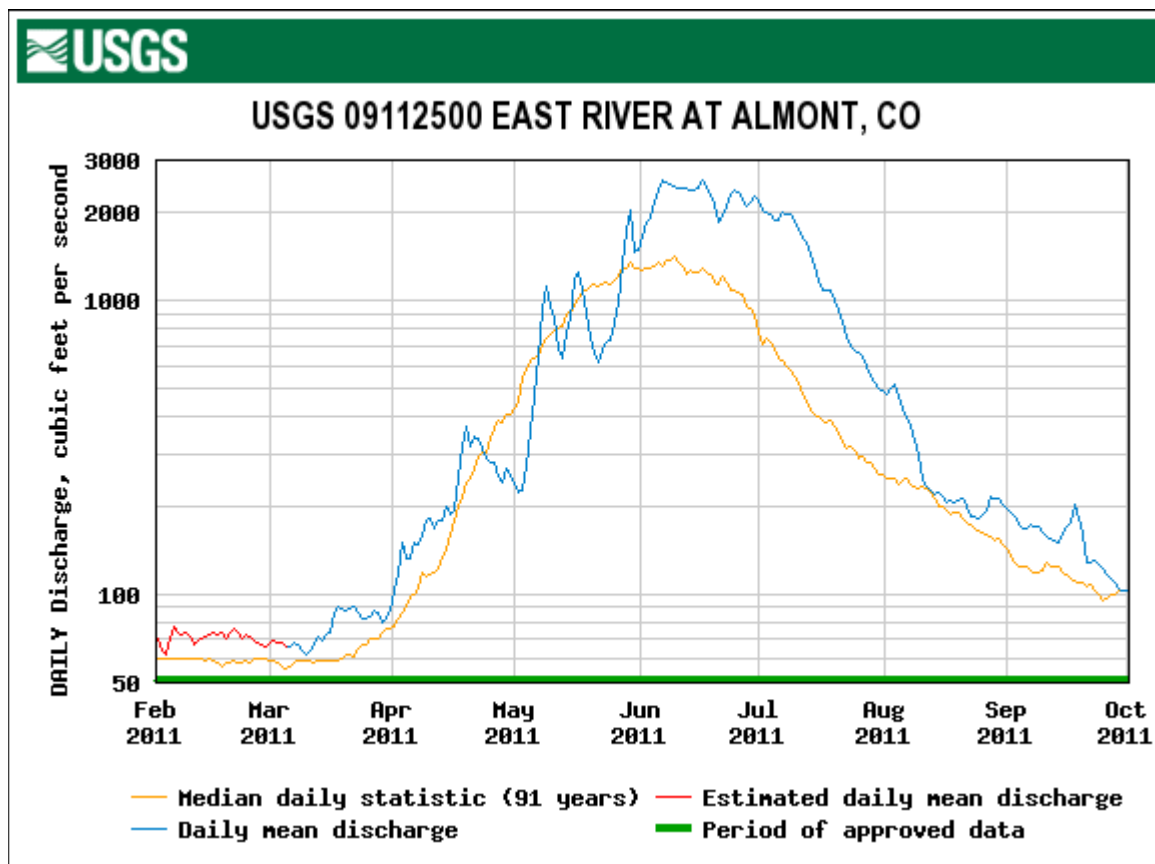
WY 2009: High March 1 SWE, Avg Spring, Max Dust



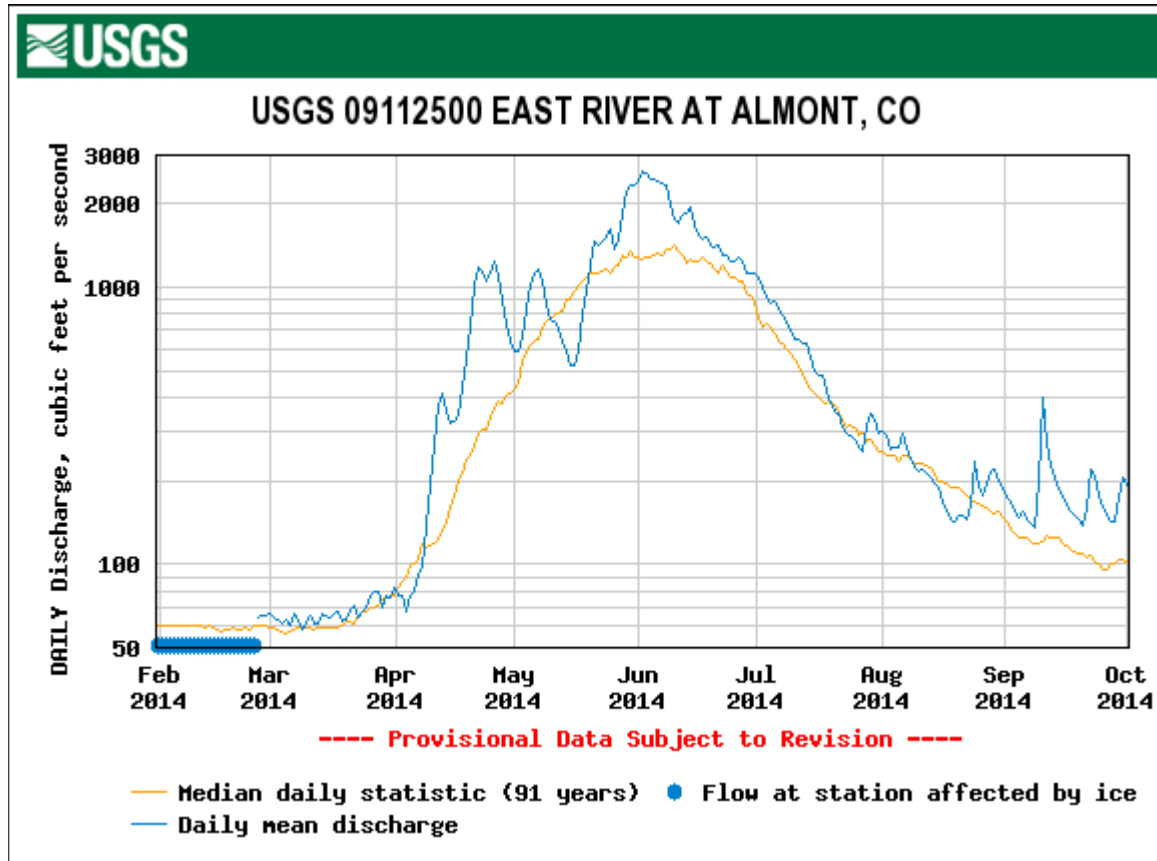
WY 2010: High March 1 SWE, Avg Spring, Max- Dust



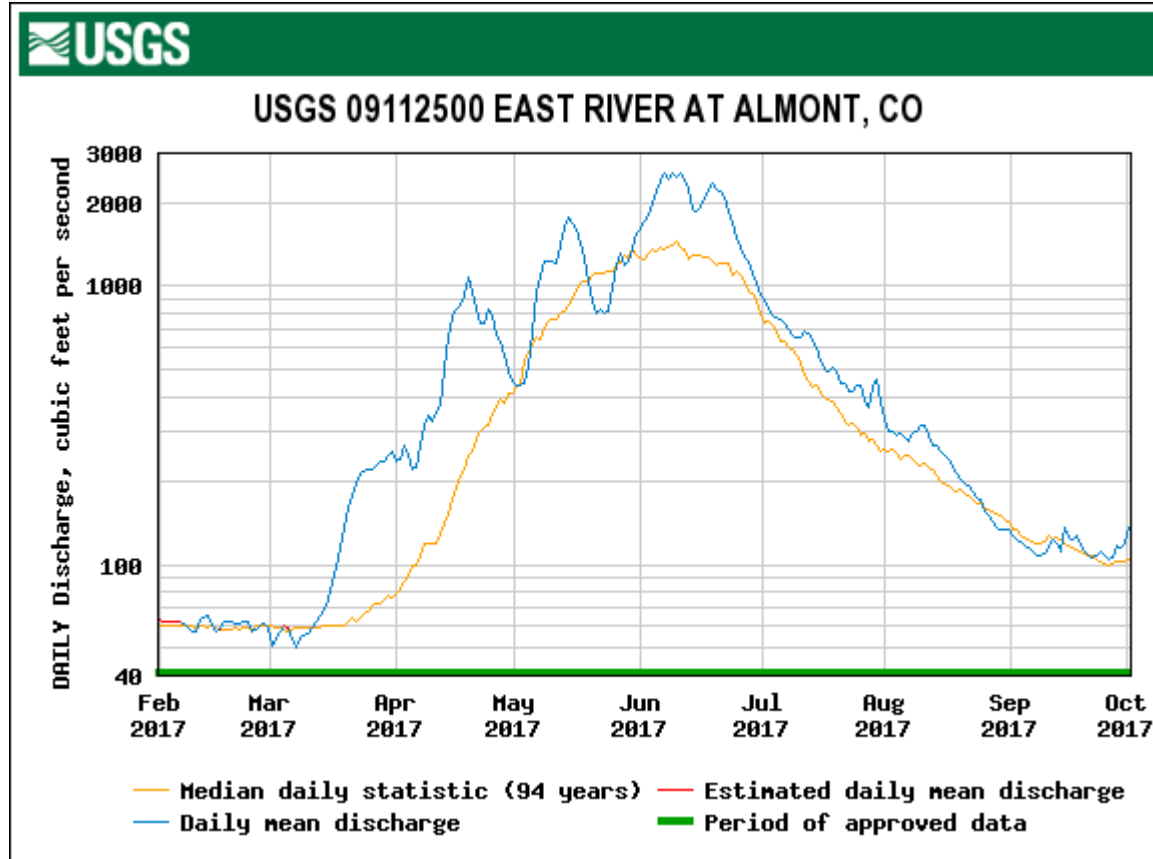
WY 2011: High March 1 SWE, Wet Spring, Avg Dust



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



WY 2017: High March 1 SWE, Dry Spring, Avg Dust



WY 2019: High March 1 SWE, Wet Spring, Avg Dust

