

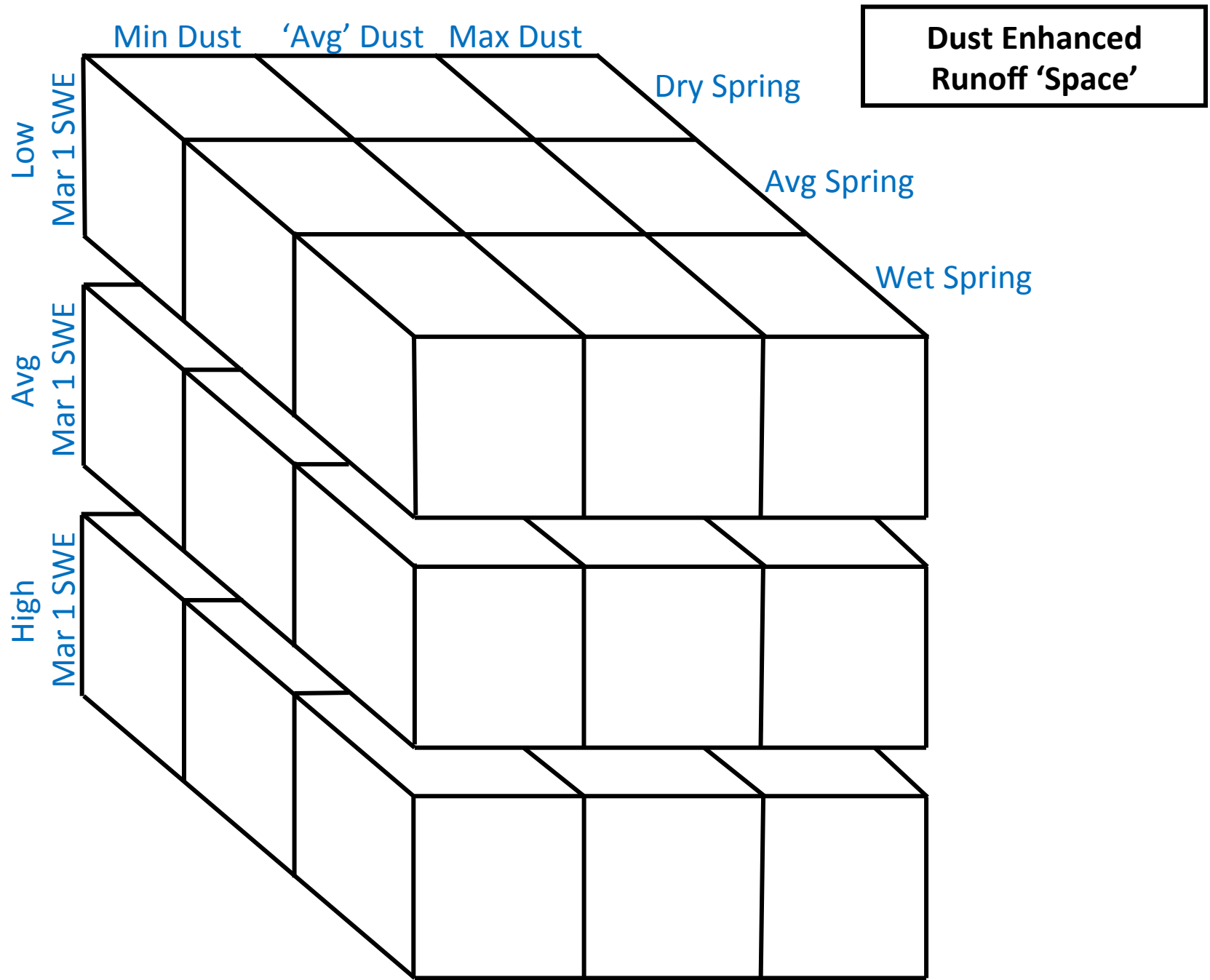
Colorado Dust-on-Snow Program

WY 2016 Dust Enhanced Runoff Classification

Upper Colorado River Watershed – Fraser River
as of: March 1, 2016 Update

for:

Berthoud Summit Snotel, Fraser River at Upper Station



| 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 2016 | WY 2016 | Classification |
| Red Mtn Pass | 17.5 | 13.6 | 78% | Low |
| Slumgullion | 10.4 | 12.2 | 117% | High |
| Upper San Juan | 26.0 | 24.9 | 96% | Avg |
| Wolf Creek Summit | 24.9 | 26.1 | 105% | Avg |
| Beartown | 18.7 | 16.4 | 88% | Low |
| Lizard Head | 12.2 | 13.4 | 110% | High |
| | | | | |
| Park Cone | 8.3 | 7.0 | 84% | Low |
| Schofield Pass | 25.2 | 21.0 | 83% | Low |
| McClure Pass | 13.5 | 13.6 | 101% | Avg |
| Independence Pass | 12.7 | 12.2 | 96% | Avg |
| | | | | |
| Hoosier Pass | 10.9 | 11.8 | 108% | Avg |
| Grizzly Peak | 13.2 | 13.4 | 102% | Avg |
| Berthoud Summit | 13.9 | 13.9 | 100% | Avg |
| Willow Creek Pass | 9.5 | 10.6 | 112% | High |
| | | | | |
| Rabbit Ears Pass | 19.1 | 22.8 | 119% | High |
| | | | | |
| Mesa Lakes | 12.7 | 12.9 | 102% | Avg |

Fraser River Watershed

Berthoud Summit Snotel

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

| Dry Spring | Avg Spring | Wet Spring |
|------------|------------|------------|
|------------|------------|------------|

| | | |
|------|------|------|
| 2006 | 2007 | 2011 |
| 2012 | 2008 | 2013 |
| | 2009 | 2016 |
| | 2010 | |
| | 2014 | |
| | 2015 | |

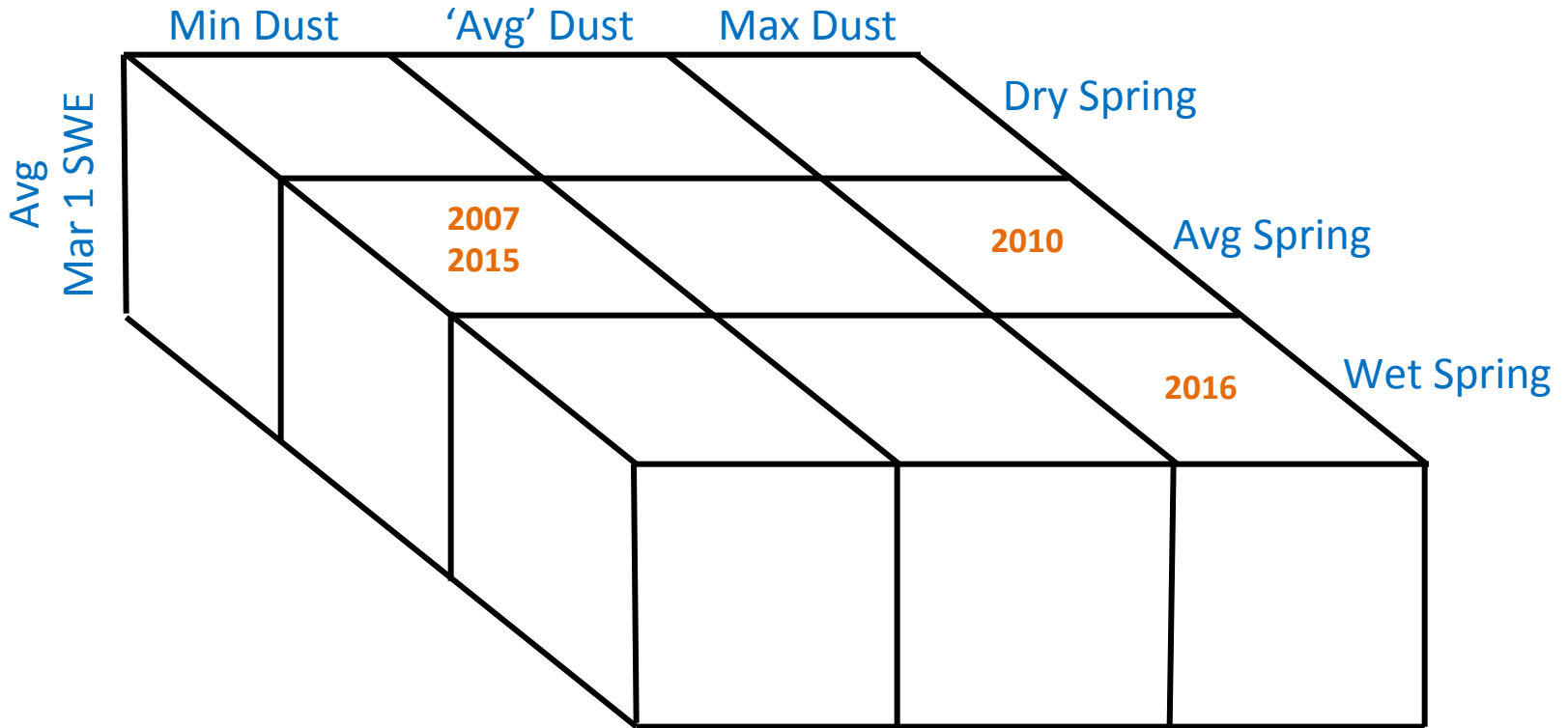
| Low SWE | Avg SWE | High SWE |
|---------|---------|----------|
|---------|---------|----------|

| | | |
|------|------|------|
| 2012 | 2007 | 2006 |
| 2013 | 2010 | 2008 |
| | 2015 | 2009 |
| | 2016 | 2011 |
| | | 2014 |

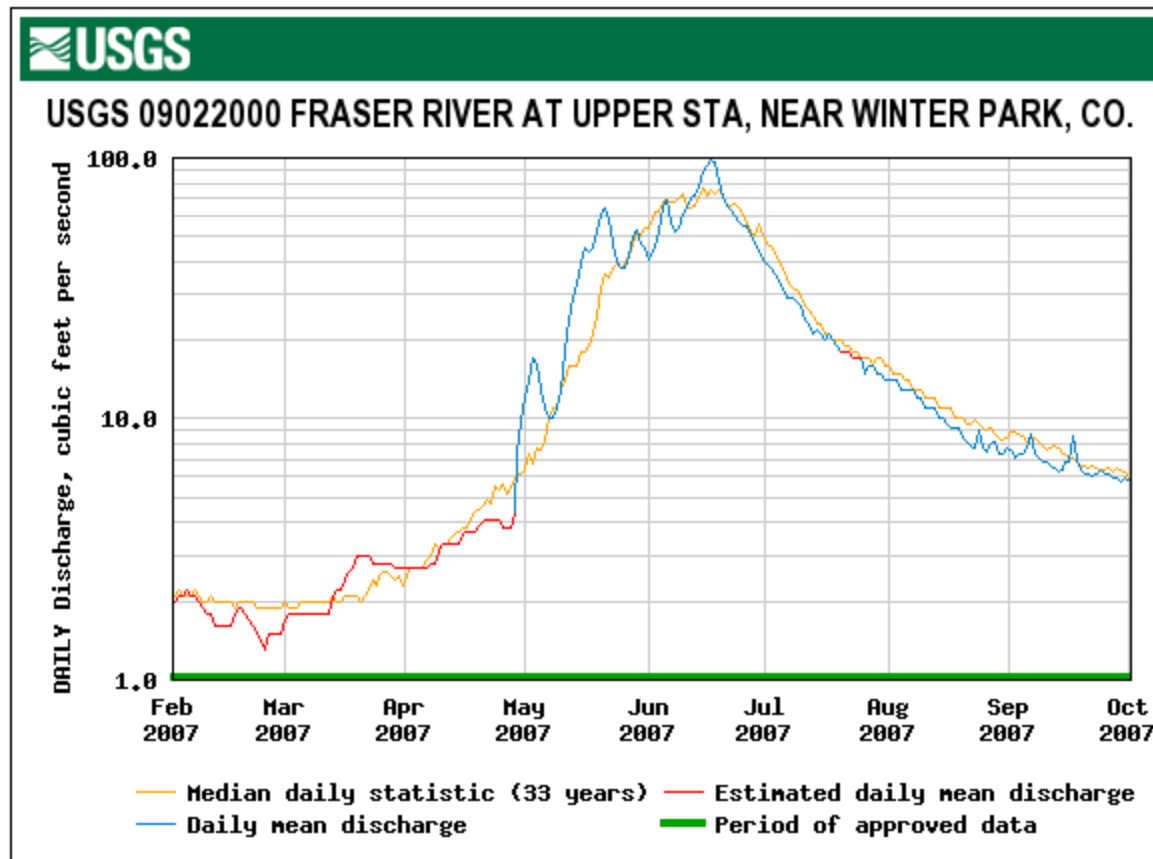
| Min Dust | Avg Dust | Max Dust |
|----------|----------|----------|
|----------|----------|----------|

| | | |
|------|------|------|
| | | 2006 |
| 2007 | | |
| | 2008 | |
| | | 2009 |
| | 2010 | |
| | 2011 | |
| | 2012 | |
| | | 2013 |
| | 2014 | |
| 2015 | | |
| 2016 | | |

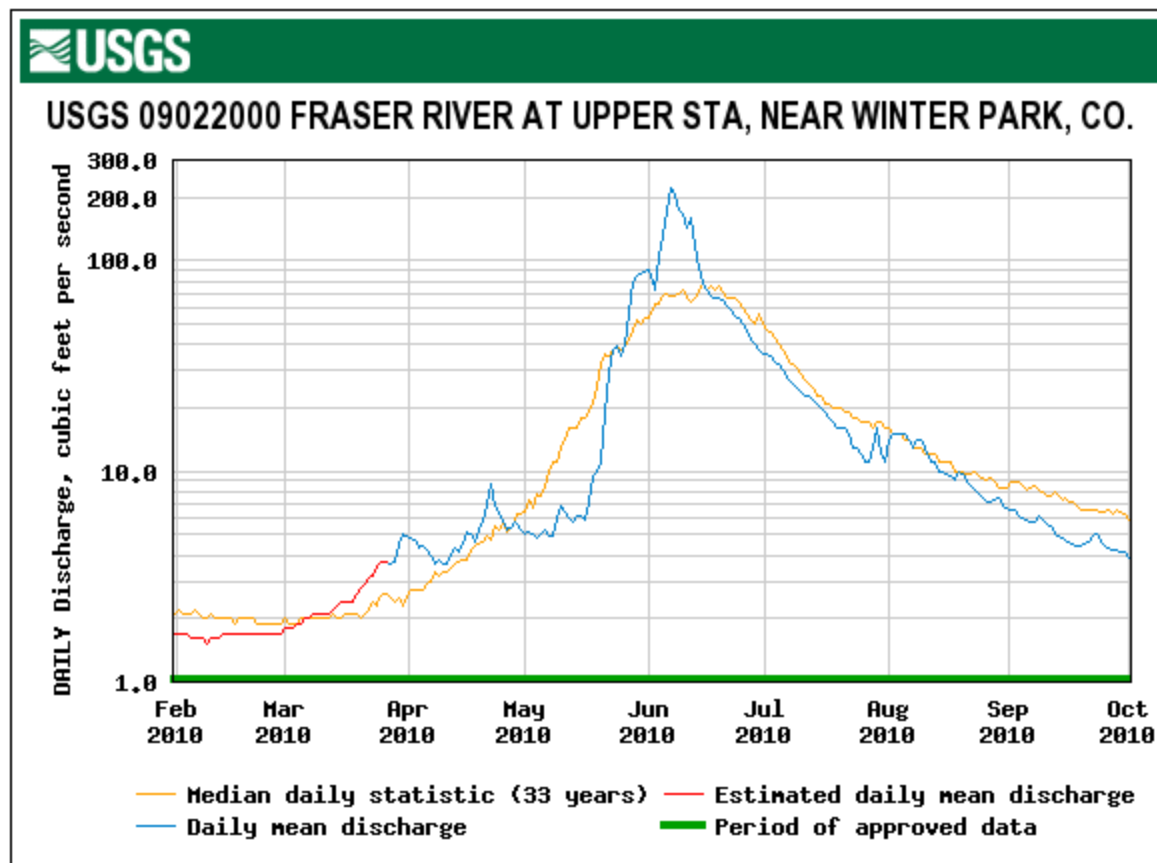
Upper Colorado River Watershed – Berthoud Summit Snotel, Fraser River
WY 2016 = Average March 1 SWE



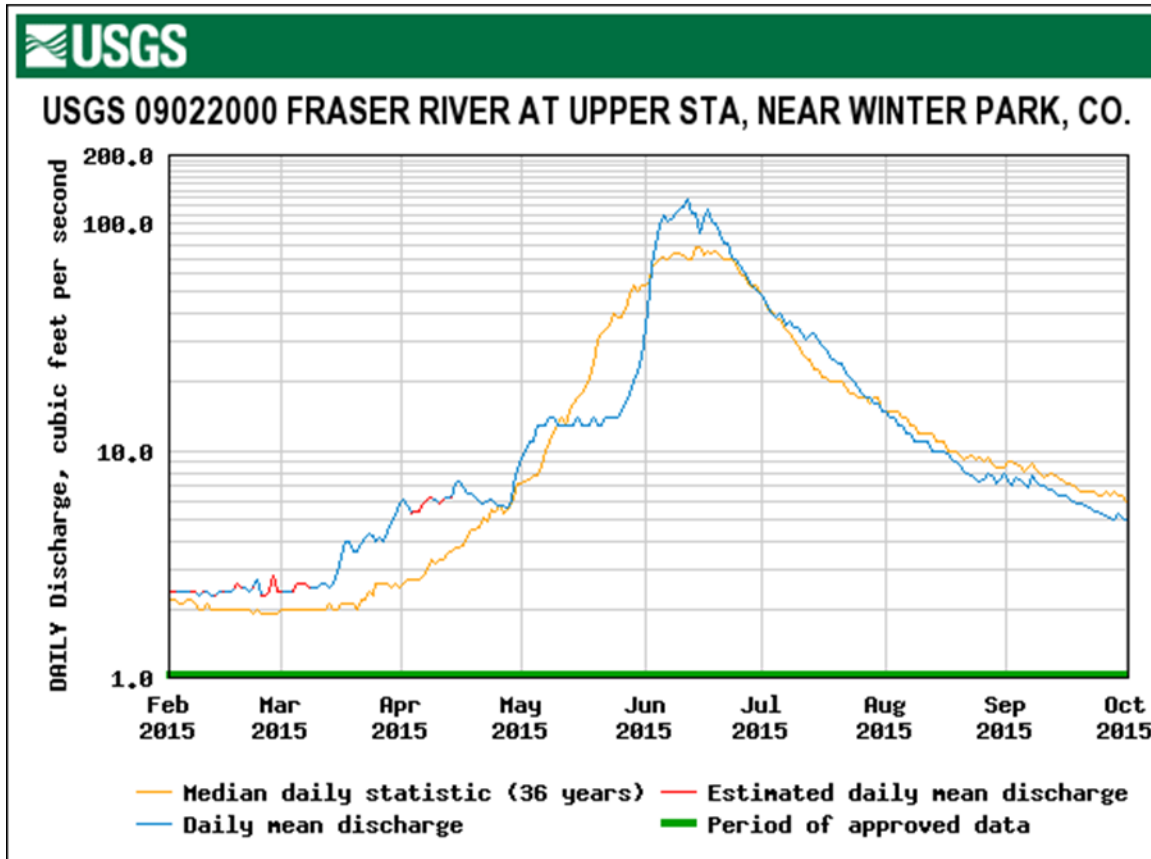
WY 2007: Avg March 1 SWE, Avg Spring, Min+ Dust



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



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



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

