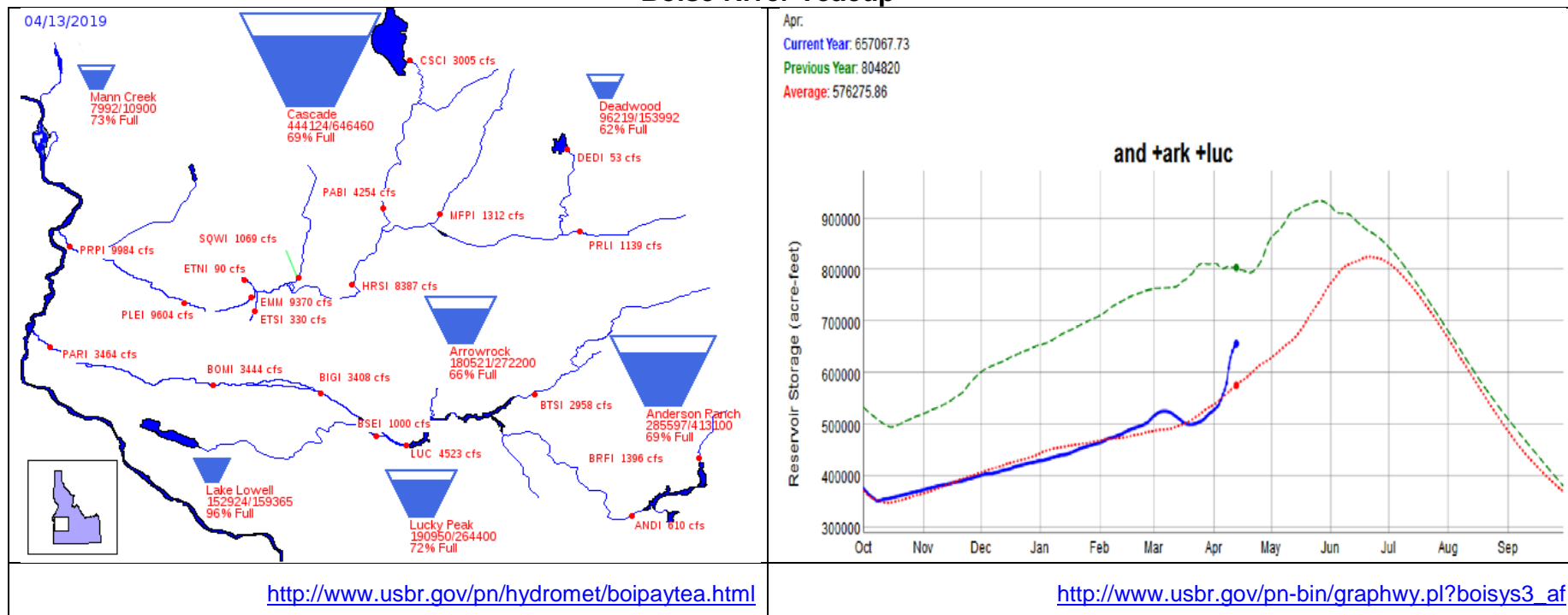


Boise System Review
For the Week of
April 15, 2019
Boise River Teacup



Boise River system (Anderson Ranch, Arrowrock, Lucky Peak) is at 69% of capacity (10% increase).
Total space available: 292,632 AF (Decreased ~150,000 ac-ft - youch!)
Total storage capacity: 949,700 AF
Natural Flow: 7,515 CFS (2% decrease, on this date.)

Idaho SNOTEL Snow/Precipitation Update Report

Based on Mountain Data from NRCS SNOTEL Sites

Provisional data, subject to revision

Data based on the first reading of the day (typically 00:00) for Sunday, April 14, 2019

| Basin Site Name | Elev (ft) | Snow Water Equivalent | | | Water Year-to-Date Precipitation | | |
|------------------------|-----------|-----------------------|-------------------|---------------|----------------------------------|-------------------|----------------|
| | | Current (in) | Median (in) | Pct of Median | Current (in) | Average (in) | Pct of Average |
| BOISE BASIN | | | | | | | |
| Atlanta Summit | 7580 | 33.9 | 26.6 | 127 | 39.3 | 33.4 | 118 |
| Bogus Basin | 6340 | 32.4 | 23.1 _C | 140 | 32.7 | 23.9 _C | 137 |
| Camas Creek Divide | 5710 | 10.3 | 5.2 _C | 198 | 18.8 | 16.9 _C | 111 |
| Dollarhide Summit | 8420 | 29.5 | N/A | * | -M | 26.9 | * |
| Graham Guard Sta. | 5690 | 11.9 | 8.2 | 145 | 25.6 | 22.5 | 114 |
| Jackson Peak | 7070 | 31.1 | 26.8 | 116 | 39.4 | 33.6 | 117 |
| Mores Creek Summit | 6100 | 34.6 | 27.9 | 124 | 44.0 | 35.7 | 123 |
| Prairie | 4800 | 0.2 | 0.0 | * | 18.3 | 16.3 | 112 |
| Trinity Mtn. | 7770 | 41.6 | 35.8 | 116 | 44.7 | 40.2 | 111 |
| Vienna Mine | 8960 | 35.8 | 31.5 | 114 | 33.5 | 30.8 | 109 |
| Basin Index (%) | | | | 125 | | | 117 |

Legend - "M" = Missing data. "*" = Analysis may not provide a valid measure of conditions. "C" = Conditional only 10-19 years of data available

<http://wcc.sc.egov.usda.gov/reports/SelectUpdateReport.html>

The week that was certainly a big week. The folks pulling the levers up at Lucky Peak went on a bit of a splurge starting the week at 2,500 cfs and eventually got on up to 4,500 cfs. At the same time, the New York Canal started out at 1,150 cfs, bumped flows to 1,250 and then eased back to 1,000 cfs by the close of the week. At that rate coursing through the New York Canal, Lake Lowell is still three days from filling.

Glenwood has more than doubled from 1,400 cfs to 3,400 cfs. Parma's showing about the same – going from 1,600 cfs and ending up sending 3,800 cfs out of here and on past Astoria.

The Pesky Blue Line (PBL) took an impressive run this last week (upper right), heading North by Northeast, where it's now at the farthest departure from the 30-year Average for this season. By the weekend, the PBL started to bend a tad toward the 30-year Average Red line. That's good, as two more weeks like the last one will top off the system.

While we've been looking at what's flowing outta here, the Snow Guru's found himself heading outta here with a 6% increase in the Percent of Median Snow Water Equivalent and an 8% increase in the Percent of Average for the Water Year, as a couple, three inches of free water fell right out of the sky and added to the Fourth Reservoir. The Weather Prediction Center's calling for some more free water over the next week, but nothing apparently out of the ordinary (<https://www.wpc.ncep.noaa.gov/qpf/p168i.gif?1555300476>).

That's enough water news for now.

On the bee front, the bees are starting to raise drones, as a precursor to swarm season. We're still searching the hives for viable swarm cells, but nothing to speak of yet. That means the serious start to swarm season's still a couple weeks out. On the positive side, this precipitation could be really great for a boisterous spring honey flow. Keep an eye out for those Black Locusts to paint the sky with their bright white, nectar filled, fragrant blossoms.

Stay tuned.

Steve