CBRFC 2013 Runoff Recap: Upper Green

August 22, 2013
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Outline

2013 Conditions Recap

- Precipitation/Temperature
- Snow
- Streamflow

April-July Forecast Performance

Future forecasts (water supply and climate)
Seasonal Precipitation, October 2012 - July 2013
(Averaged by Hydrologic Unit)

% Average

- > 150%
- 120 - 150%
- 110 - 129%
- 100 - 109%
- 90 - 99%
- 70 - 90%
- 50 - 69%
- < 50%
- Not Reported

Monthly Precipitation for April 2013
(Averaged by Hydrologic Unit)

Monthly Precipitation for May 2013
(Averaged by Hydrologic Unit)

Prepared by
NOAA, National Weather Service
Colorado Basin River Forecast Center
Salt Lake City, Utah
www.cbrf.noaa.gov

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SNOW: Melt Progression

April 1

May 1

June 1

July 1

Inches of water equivalent

20.5 miles

> 30
20 to 30
18 to 20
16 to 18
14 to 16
12 to 14
10 to 12
8 to 10
6 to 8
4 to 6
2 to 4
1 to 2
trace to 1
April-July Water Supply: Warren Bridge

2013 Runoff Forecast Apr-Jul
Green - Daniel- Nr- Warren Bridge- At (WBRW4)

Max 1985

10%  
Average

50%  
Median

Min 1977

90%  
April-July
159 KAF
65%

Observed Daily Volumes

**These ESP forecasts do not include observed and are not total runoff.
April-July Water Supply: Fontenelle

2013 Runoff Forecast Apr-Jul
Green - Fontenelle Res- Fontenelle Nr (GBRW4)

- Max/Min
- SWS
- Official
- Observed

April-July
317 KAF
44%

Observed Daily Volumes

**These ESP forecasts do not include observed and are not total runoff.**
Climate Forecasts

ENSO FORECAST: WY 2014 = Neutral Conditions
### Fontenelle Inflow

<table>
<thead>
<tr>
<th>August</th>
<th>September</th>
<th>October</th>
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<tbody>
<tr>
<td>30 KAF 39%</td>
<td>25 KAF 55%</td>
<td>30 KAF 62%</td>
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Below average flows forecasted
Feedback, Questions, Concerns always welcome....

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