Idaho Weather, Climate and Water Supply Outlook
IDWR Briefing, Jan 13th 2011
Jay Breidenbach, NOAA National Weather Service

Snow Accumulation Movie
Temperature and Precipitation Anomalies
Wet Forecast for next 7 days
La-Nina Status
Three Month Climate Outlook
Water Supply Numbers and Drought Summary
2011 Water Year
Snow Accumulation Movie

Snow Depth
2011-01-12 00

Inches of water equivalent
- > 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
- < 1
- Not Estimated

Elevation in feet
(Not estimated)
- > 13124
- 8203 to 13124
- 3281 to 8203
- 3 to 3281
- < 3

Start Speed in ms: 200 Jan 12th, 05Z
Snow Depth
2011-01-12 06
Snow Water Equivalent

2011-01-12 06
Snow Water Equivalent
January 13th, 2011

Inches of water equivalent

- > 30
- 20 to 30
- 18 to 20
- 16 to 18
- 14 to 16
- 12 to 14
- 10 to 12
- 8 to 10
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Not Estimated

Elevation in feet (Not estimated)
- > 13124
- 8203 to 13124
- 3281 to 8203
- 3 to 3281
- < 3
Snow Water Equivalent
January 13th, 2010
Seasonal Precipitation
October 2010 – December 2010

Seasonal Precipitation
(Percent Normal)

- Below 50%
- 50 – 70%
- 70 – 90%
- 90 – 110%
- 110 – 130%
- Above 130%

Northwest River Forecast Center

Creation Time: Mon, Jan 10, 2011
Thursday - Jan 13th
IR Satellite Imagery / 500 mb heights
Thursday - Jan 13th
500 mb heights / model precipitation
Friday, Jan 14th
500 mb heights / model precipitation
Saturday, January 15th
Monday, January 17th
Tuesday, January 18th
Wednesday, January 19th
Thursday, January 20th
Total Precipitation Ending Saturday, Jan 23rd
Equatorial Sea Surface Temperature Anomalies

Week centered on 20 OCT 2010
SST Anomalies (°C)

EQ. Upper-Ocean Heat Anoms. (deg C) for 180-100W
Cold sub-surface anomaly along equator
The CFS ensemble mean (black dashed line) predicts La Niña conditions through Northern Hemisphere summer 2011.
Typical North American Winter Impacts of El-Nino
Three Month Outlook (Jan-Mar) Temperatures

THREE-MONTH OUTLOOK
TEMPERATURE PROBABILITY
0.5 MONTH LEAD
VALID JFM 2011
MADE 16 DEC 2010

EC MEANS EQUAL CHANCES FOR A, N, B
A MEANS ABOVE
N MEANS NORMAL
B MEANS BELOW
Three Month Outlook (Jan-Mar) Precipitation

Three-Month Outlook Precipitation Probability

0.5 Month Lead
Valid JFM 2011
Made 16 Dec 2010

EC means equal chances for A, N, or B
A means above normal
N means normal
B means below normal
Above Normal Water Supply Expected in 2011
Idaho is Drought Free!
Current Information on Web

www.weather.gov/boise

www.nwrfc.noaa.gov