RDU Precipitation vs Normal

Precipitation Summary for RALEIGH DURHAM INTL AP
Jan 1 - Dec 31

2010

2011

-12"

September 28 - October 01, 2010 Heavy Rain Event Precipitation Totals

Updated 7/18/10 08:35

- Total Precipitation less than 2 inches
- Total Precipitation of 2 to 4 inches
- Total Precipitation of 4 to 8 inches
- Total Precipitation of 8 to 12 inches
- Total Precipitation of 12 to 16 inches
- Total Precipitation of 16 inches or more

Precipitation amounts reported in inches.
The precipitation analysis is based on observations from NWS/FAA observing locations, COOP & CoCoRaHS observers, and radar analysis.

Data analysis – Phillip Sadoff
Graphic – Brandon Vincent
NWS Raleigh, NC
www.erf.usgs.gov/ah
Probability of Precipitation Required to Ameliorate Current Drought Conditions in Three Months

June 2011

National Climatic Data Center, NOAA
Based on historical data
White indicates PHDI wetter than -2

<table>
<thead>
<tr>
<th>Percentage Range</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 8.56%</td>
<td>深紫色</td>
</tr>
<tr>
<td>8.57% to 17.12%</td>
<td>红色</td>
</tr>
<tr>
<td>17.13% to 25.68%</td>
<td>橙色</td>
</tr>
<tr>
<td>25.69% to 34.24%</td>
<td>蓝色</td>
</tr>
<tr>
<td>34.25% to 42.81%</td>
<td>绿色</td>
</tr>
<tr>
<td>42.82% to 51.37%</td>
<td>浅绿色</td>
</tr>
<tr>
<td>51.38% to 59.93%</td>
<td>更浅绿色</td>
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</tbody>
</table>
This Afternoon
Monday 7/25
THREE-MONTH OUTLOOK  
PRECIPITATION PROBABILITY  
1.5 MONTH LEAD  
VALID ASO 2011  
MADE 16 JUN 2011  

EC MEANS EQUAL CHANCES FOR A, N, B  
A MEANS ABOVE  
N MEANS NORMAL  
B MEANS BELOW
ENSO-Neutral Conditions are Present in the Equatorial Pacific
NOAA's Tropical Outlook • 2011 is expected to be an active season, similar to 2010, which was the 3rd most active on record.

Despite the number of cyclones, there was no significant damage in the U.S.
NOAA’s Tropical Outlook

- 2011 is expected to be an active season, similar to 2010, which was the 3\textsuperscript{rd} most active on record. Despite the number of cyclones, there was no significant damage in the U.S.

- NOAA's forecast for 2011
  - 12 to 18 named storms (winds 39 mph or greater).
    Normal = 11
  - 6 to 10 hurricanes (winds 75 mph or greater).
    Normal = 6
  - 3 to 6 major storms (winds 110 mph or greater).
    Normal = 2-3
The Geographic Regions of North Carolina

Questions?