



Long-Range Outlook

Around the Total Solar Eclipse Event

August 19-23, 2017

National Weather Service
Louisville

Prepared on August 13, 2017



Key Points

- Weather specifics cannot be reliably predicted at this range (precise rain or cloud amounts, exact temperatures, etc.)
- This far out, the outlooks are for the entire range of dates rather than one specific day
- Can sometimes detect trends toward wet/dry, hot/cool, stormy/quiet
- Can use this information to anticipate weather tendencies for the days surrounding the August 21 total solar eclipse
 - Use for longer-range planning for camping, festivals, set-up and take-down of big events, or other activities that cover a span of several days
- August 19-23, along the path of the eclipse in south-central Kentucky, odds tilt toward near normal temperatures and precipitation.



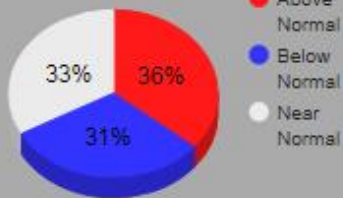
Temperatures: August 19-23

Russellville, KY, USA

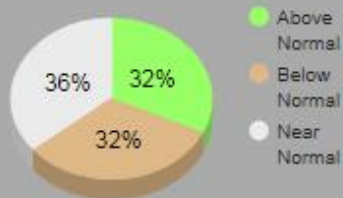


[7 Day Forecast for Russellville, Kentucky](#)

Three Category Temperature Outlook
Normal Maximum Temperature: **88**
Normal Minimum Temperature: **65**



Three Category Precipitation Outlook
Normal Precipitation: **0.52**



6 to 10 Day Outlook

Saturday August 19 - Wednesday August 23



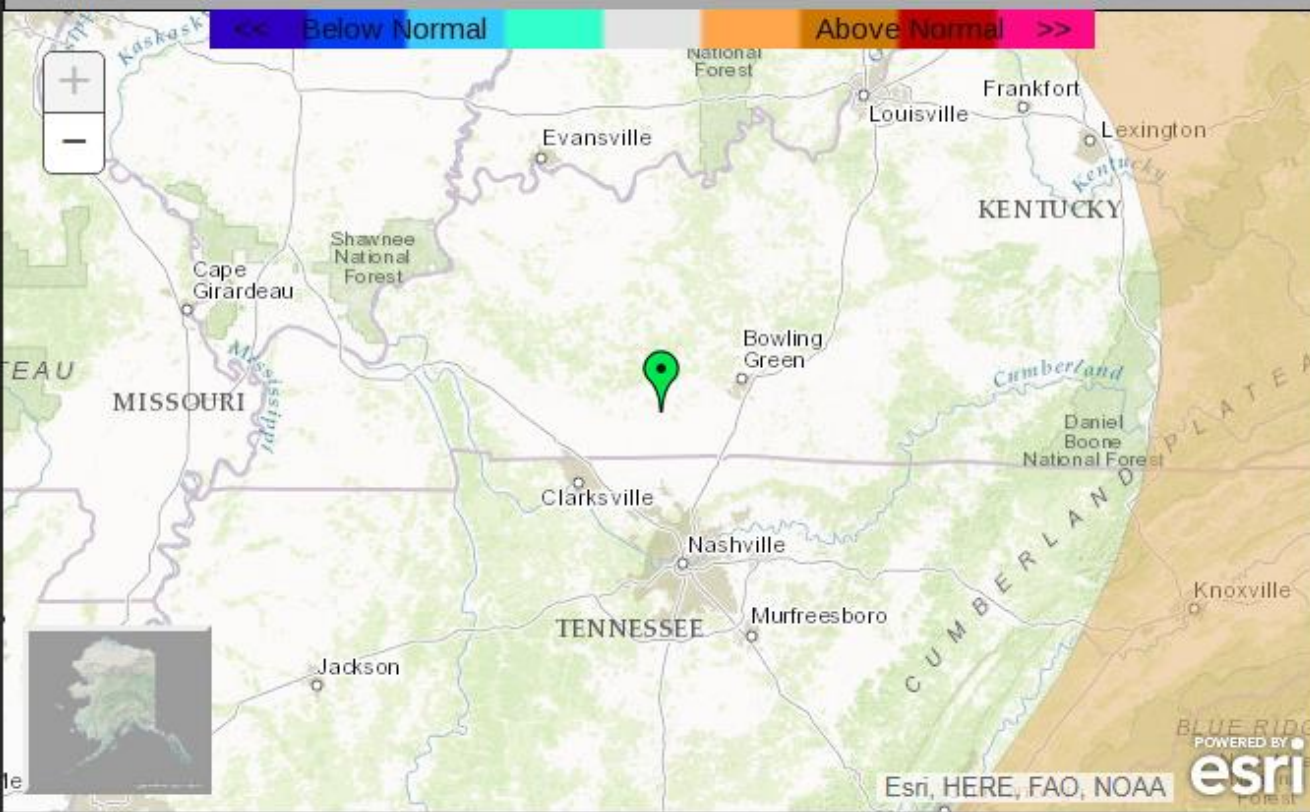
Temperature

Opacity: 60%

Precipitation

● Outlook

● Outlook



- Odds tilt toward near normal temperatures



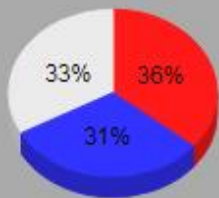
Precipitation: August 19-23

Russellville, KY, USA



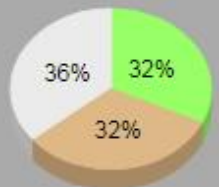
[7 Day Forecast for Russellville, Kentucky](#)

Three Category Temperature Outlook
Normal Maximum Temperature: **88**
Normal Minimum Temperature: **65**



- Above Normal
- Below Normal
- Near Normal

Three Category Precipitation Outlook
Normal Precipitation: **0.52**



- Above Normal
- Below Normal
- Near Normal



6 to 10 Day Outlook

Saturday August 19 - Wednesday August 23



Temperature

Opacity: 60%

Precipitation

● Outlook

● Outlook

<< Below Normal Above Normal >>



- Odds tilt toward near normal rainfall