

We've updated a few of our web-based products in time for the winter season!



- Winter Weather Forecast pages
- Winter Storm Severity Index
- Graphical Hazardous Weather Outlook

# Winter Forecast Page Updates



The screenshot shows the NWS website interface for Charleston, WV. At the top, there's a navigation bar with links like HOME, FORECAST, PAST WEATHER, SAFETY, INFORMATION, EDUCATION, NEWS, SEARCH, and ABOUT. Below this is a local forecast section showing 'A Few Clouds' and a temperature of 67°F. A central map of West Virginia highlights the Charleston area. At the bottom, there's a grid of icons for various services: Radar, Current Weather, Rivers & Lakes, Satellite, Forecast Maps, Hour by Hour Forecast, Winter Weather (highlighted by a hand cursor), Graphical Hazards, Weather Hazard Briefing, Forecaster's Discussion, Text Bulletins, and Climate Plots.

- Comprehensive winter weather forecast information can be found by looking for the icon on you local NWS office's webpage.
- Winter weather information for the NWS Charleston, WV forecast area and statewide graphics for West Virginia can be found at [www.weather.gov/rlx/winter](http://www.weather.gov/rlx/winter)

# Winter Forecast Page Updates

**NATIONAL WEATHER SERVICE**  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST PAST WEATHER SAFETY INFORMATION EDUCATION NEWS SEARCH ABOUT

Local forecast by "City, St" or ZIP code  
Enter location ...  [Location Help](#)

**News Headlines**

- Simplification of NWS Flood Products starting on Nov 4th
- Latest Hazardous Weather Outlook and Weather Briefing
- Past News Headlines and Web Articles

**Winter Weather/Probabilistic Snow Forecasts** Charleston, WV  
Weather.gov > Charleston, WV > Winter Weather/Probabilistic Snow Forecasts  
Weather Forecast Office

Current Hazards Current Conditions Radar Forecasts Rivers and Lakes Climate and Past Weather Local Programs

**Probabilistic Snowfall Forecasts** WV Probabilistic Snowfall Forecasts Ice Accumulation Forecasts WV Ice Accumulation Forecasts

6-hr Snowfall Forecasts 6-hr Ice Accumulation Forecasts WV 6-hr Snowfall Forecasts WV 6-hr Ice Accumulation Forecasts

Onset/End-Timing Graphics Winter Storm Outlook and Winter Storm Severity Index Snow and Ice Observations

Medium/Long Range Forecast

Quick Page Navigation

**Snow Amount Potential**  
Experimental - Leave feedback  
11/10/2021 0700AM to 11/13/2021 0700AM

**Expected Snowfall - Official NWS Forecast**  
Point Range  
Valid 7 AM Wed Nov 10, 2021 through 7 AM Sat Nov 13, 2021 EST  
Issued Nov 10, 2021 4:52 AM EST

**High End Amount 1 in 10 Chance (10%) of Higher Snowfall**

**Low End Amount 9 in 10 Chance (90%) of Higher Snowfall**

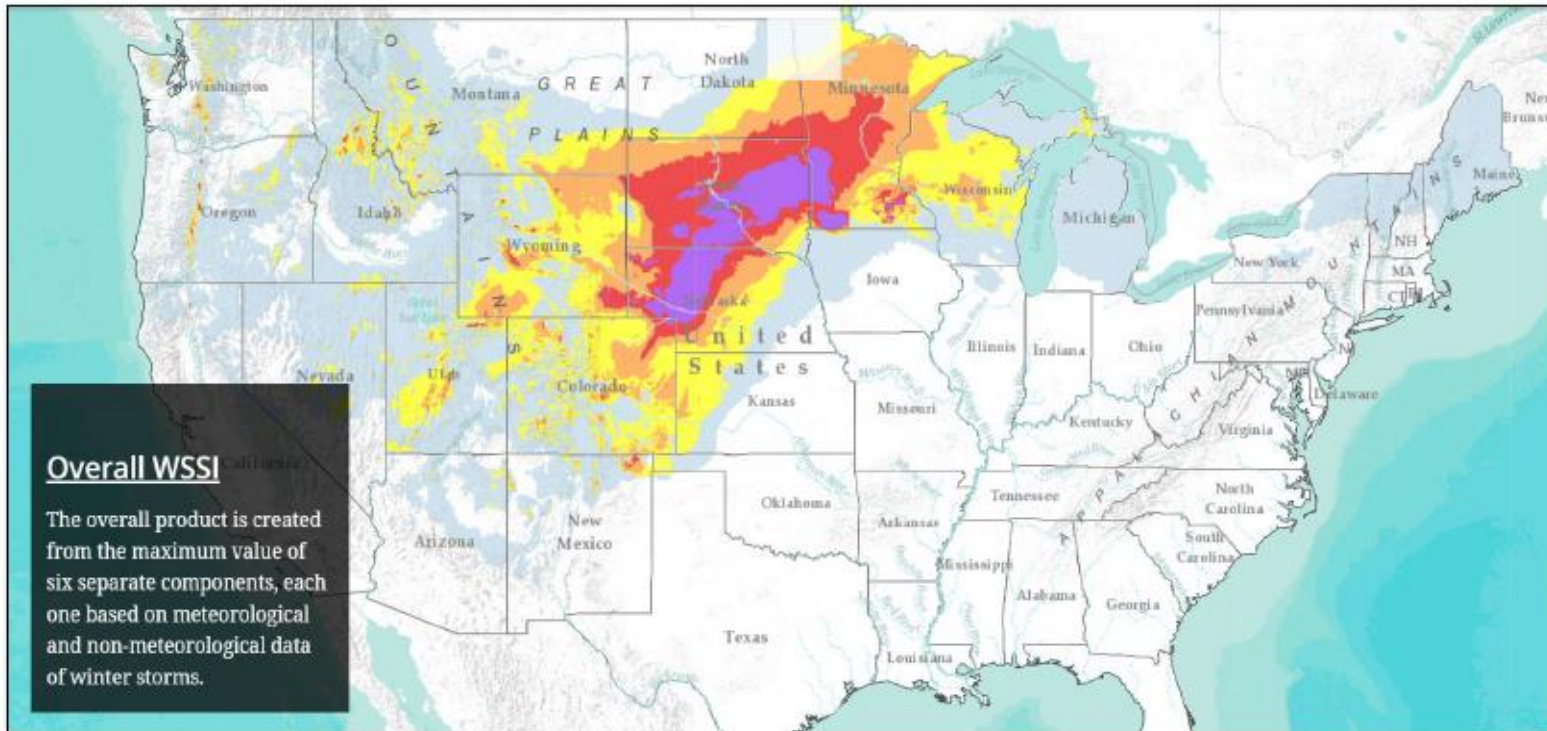
What's this?

- These pages contain a vast array of winter storm related forecast information including amounts, potential extremes, timing and impacts.
- Menu/tabs have been streamlined so they are the same no matter which NWS office you are looking at.
- Graphics packages are new this year
- Statewide graphics for snow and ice accumulation are available!
  - WV- [www.weather.gov/rhx/winter](http://www.weather.gov/rhx/winter)
  - OH- [www.weather.gov/iln/winter](http://www.weather.gov/iln/winter)
  - KY- [www.weather.gov/lmk/winter](http://www.weather.gov/lmk/winter)
  - VA- [www.weather.gov/akq/winter](http://www.weather.gov/akq/winter)

# Winter Storm Severity Index

[www.wpc.ncep.noaa.gov/wwd/wssi/wssi.php?id=RLX](http://www.wpc.ncep.noaa.gov/wwd/wssi/wssi.php?id=RLX)

- Provides winter storm impact information out to 72 hours, with a new Experimental Day 4 and new 6-hour visualization option.
- Includes meteorological and non-meteorological factors
  - Snow Load (weight of snow)
  - Snow Amount
  - Ice Accumulation
  - Ground Blizzard
  - Flash Freeze (during and after precipitation)
  - Blowing Snow



### Overall WSSI

The overall product is created from the maximum value of six separate components, each one based on meteorological and non-meteorological data of winter storms.

Potential Winter Storm Impacts	
	<p><b>No Impacts</b> Impacts not expected.</p>
	<p><b>Limited Impacts</b> Rarely a direct threat to life and property. Typically results in little inconveniences.</p>
	<p><b>Minor Impacts</b> Rarely a direct threat to life and property. Typically results in an inconvenience to daily life.</p>
	<p><b>Moderate Impacts</b> Often threatening to life and property, some damage unavoidable. Typically results in disruptions to daily life.</p>
	<p><b>Major Impacts</b> Extensive property damage likely, life saving actions needed. Will likely result in major disruptions to daily life.</p>
	<p><b>Extreme Impacts</b> Extensive and widespread severe property damage, life saving actions will be needed. Results in extreme disruptions to daily life.</p>

# Graphical Hazardous Weather Outlook



**NATIONAL WEATHER SERVICE**  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST PAST WEATHER SAFETY INFORMATION EDUCATION NEWS SEARCH ABOUT

Local forecast by City, ST or ZIP code  
Enter location... [Go]  
Location Help

**News Headlines**

- Simplification of NWS Flood Products starting on Nov 4th
- Latest Hazardous Weather Outlook and Weather Briefing
- Past News Headlines and Web Articles

**MY FORECAST**  
Charleston, Yeager Airport WV

**NWS Forecast Office Charleston, WV**  
Weather.gov > Charleston, WV

Charleston, WV  
Weather Forecast Office

Current Hazards Current Conditions Radar Forecasts Rivers and Lakes Climate and Past Weather Local Programs

Click a location below for detailed forecast.

Watches, Warnings & Advisories  
Hazardous Weather Outlook

Weather Story Local Radar Satellite

Text Product Selector (Selected product opens in new window)  
Latest Text Products Issued by RLX

Radar Current Weather Rivers & Lakes Satellite Forecast Maps Hour by Hour Forecast  
Winter Weather Graphical Hazardous Weather Outlook Weather Hazard Briefing Forecaster's Discussion Text Bulletins Climate Plots

- Revamped Graphical Hazardous Weather Outlook can be found by looking for the icon on you local NWS office's webpage.

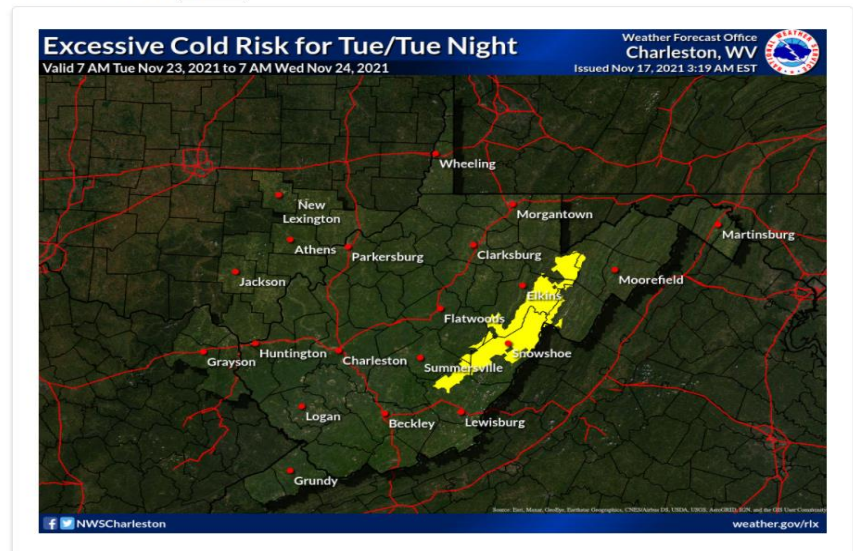


- Or go to [www.weather.gov/erh/ghwo?wfo=rlx](http://www.weather.gov/erh/ghwo?wfo=rlx)

# Graphical Hazardous Weather Outlook

## Experimental Graphical Hazardous Weather Outlook

Select Zoom Area:



- Quick way to get briefed on what weather hazards are in the forecast over the next week
- Change the hazard graphic map by clicking on the “chicklet” icon in the hazard matrix.
- Includes statewide graphics by changing the “Select Zoom Area” dropdown
  - WV- [www.weather.gov/erh/ghwo?wfo=rlx](http://www.weather.gov/erh/ghwo?wfo=rlx)
  - OH- [www.weather.gov/erh/ghwo?wfo=iln](http://www.weather.gov/erh/ghwo?wfo=iln)
  - VA- not available yet
  - KY- not available yet
- More mobile friendly architecture.

24 Hr Hazard Risks	Today	Thu	Fri	Sat	Sun	Mon	Tue
Severe Thunderstorm	■	■	■	■	■	■	■
Tornado	■	■					
Thunderstorm Wind	■	■					
Hail	■	■					
Lightning	■	■	■	■	■	■	■
Excessive Rainfall	■	■	■				
Wind	■	■	■	■	■	■	■
Fog	■	■	■	■			
Fire Weather	■	■	■	■	■	■	■
Excessive Cold	■	■	■	■	■	■	■
Ice Accumulation	■	■	■	■	■	■	■
Snow/Sleet	■	■	■	■	■	■	■