



Navigating NWS Charleston's Website

weather.gov/chs



Outline

[Homepage Features](#)

[Popular Pages](#)

[Forecast Planning Tools](#)



News Headlines

At the top of the homepage, there will be news headlines that will be regularly updated. These headlines could include information on significant weather expected, weather awareness/preparedness, changes in products/services, etc. Just click on the headline link for additional information.

HOME FORECAST PAST WEATHER WEATHER SAFETY INFORMATION CENTER NEWS SEARCH ABOUT

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

News Headlines

- [Strong to Severe Thunderstorms Possible Saturday - Use Our Briefing Page to Stay Informed](#)
- [Tsunami Preparedness Week, March 23-29, 2014](#)
- [CoCoRaHS March Madness 2014 - Join Today!](#)
- [Identifier Change & Implementation of Formal Climate Products for Downtown Charleston, SC](#)

NWS Forecast Office Charleston, SC Charleston, SC
[Weather.gov](#) > Charleston, SC Weather Forecast Office

HOME FORECAST PAST WEATHER WEATHER SAFETY INFORMATION CENTER NEWS SEARCH ABOUT

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

SEVERE WEATHER OUTBREAK POSSIBLE THURSDAY

The combination of an unseasonably warm air mass and a strong cold front will result in numerous thunderstorms on Thursday. Conditions are favorable for the storms to become severe, with damaging winds and tornadoes the primary hazards. Be weather aware!
[Read More...](#)

NWS Forecast Office Charleston, SC Charleston, SC
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Your Local Forecast

There are two boxes on the left side of the home page where you can input a location to get the latest forecast. Once you select a location in the second box, the forecast will always show up there each time you visit!

NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST PAST WEATHER WEATHER SAFETY INFORMATION CENTER NEWS SEARCH ABOUT

Local forecast by "City, St" or ZIP code

News Headlines
[CoCoRaHS March Madness 2014 - Join Today!](#)
[Identifier Change & Implementation of Formal Climate Products for Downtown Charleston, SC](#)

Forecast Office Charleston, SC
 Charleston, SC
 Weather Forecast Office

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

Click on the map below to zoom in.

Current Conditions
 Fair
83°F
 28°C
 Humidity 24%
 Wind Speed S 14 G 20 mph
 Barometer 30.09 in (1018.7 mb)
 Dewpoint 43°F (6°C)
 Visibility 10.00 mi
 Heat Index 81°F (27°C)
 Last Update on 1 Apr 3:56 pm EDT

3 Miles E Charleston SC
 7 Day Forecast

TONIGHT	WEDNESDAY	WEDNESDAY NIGHT	THURSDAY	THURSDAY NIGHT	FRIDAY	FRIDAY NIGHT	SATURDAY	SATURDAY NIGHT
Mostly Clear Low: 55 °F	Sunny High: 78 °F	Mostly Clear Low: 60 °F	Mostly Sunny High: 79 °F	Partly Cloudy Low: 62 °F	Partly Sunny High: 74 °F	Mostly Cloudy Low: 62 °F	Chance Showers High: 75 °F	Chance Showers Low: 57 °F

Detailed Forecast

Tonight	Mostly clear, with a low around 55. Southwest wind 8 to 15 mph.
Wednesday	Sunny, with a high near 78. Southwest wind 6 to 10 mph.
Wednesday Night	Mostly clear, with a low around 60. South wind 9 to 11 mph.
Thursday	Mostly sunny, with a high near 79. Southwest wind 9 to 14 mph.
Thursday Night	Partly cloudy, with a low around 62. Southwest wind 11 to 14 mph.

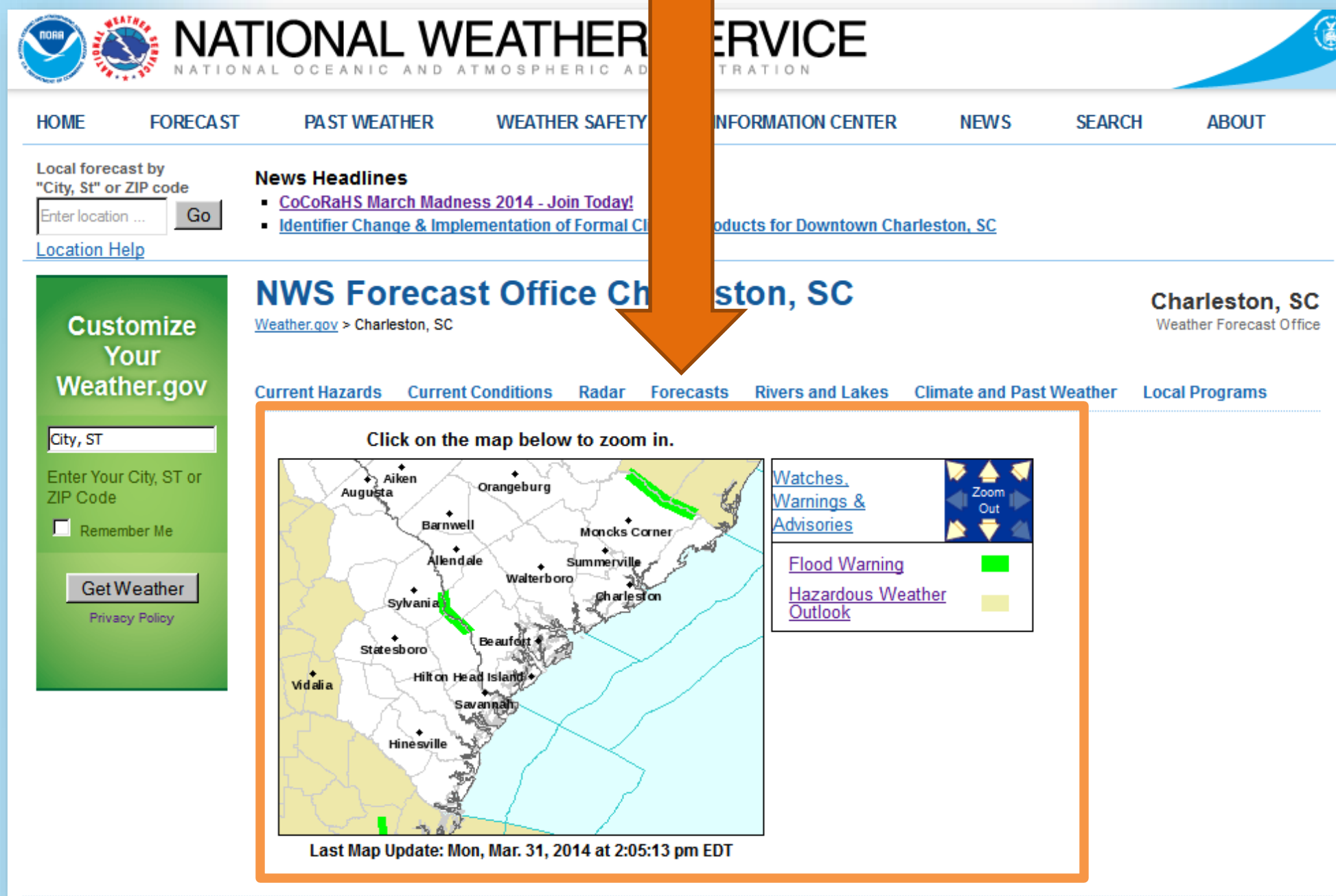
Click Map For Forecast

Last Map Update: Mon, Mar. 31, 2014 at 2:05:13 pm EDT

Hazard Map

Our **hazard map** located on the home page will show any current hazardous weather watches, warnings, and advisories.

You can also click on the map for the latest forecast.



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HOME FORECAST PAST WEATHER WEATHER SAFETY INFORMATION CENTER NEWS SEARCH ABOUT

Local forecast by "City, St" or ZIP code

[Location Help](#)

News Headlines

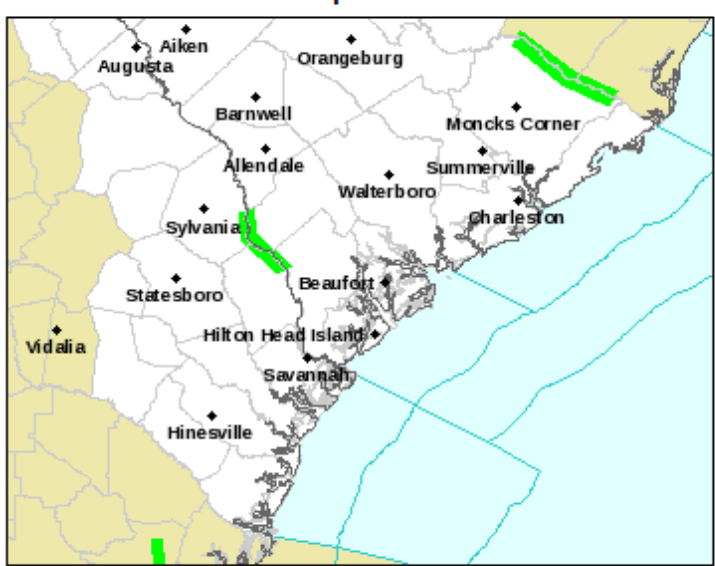
- [CoCoRaHS March Madness 2014 - Join Today!](#)
- [Identifier Change & Implementation of Formal Cl... Products for Downtown Charleston, SC](#)

NWS Forecast Office Charleston, SC
[Weather.gov](#) > Charleston, SC

Charleston, SC
Weather Forecast Office

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

Click on the map below to zoom in.



Watches, Warnings & Advisories

Flood Warning ■

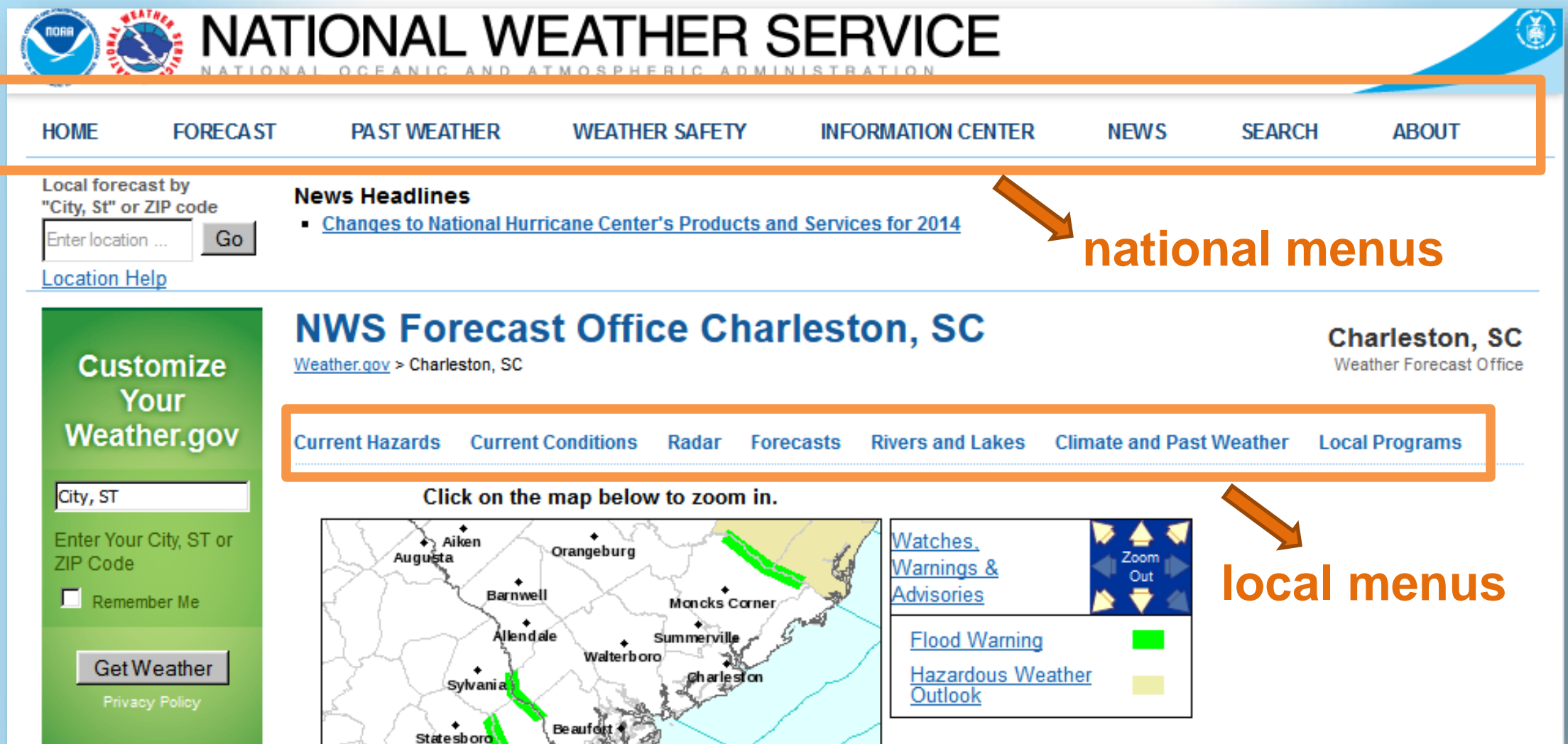
Hazardous Weather Outlook ■

Zoom Out

Last Map Update: Mon, Mar. 31, 2014 at 2:05:13 pm EDT

Menus

The top row of menus contains links to more broad, national-level information. Just above the hazard map is a row of local menus that contain links to information more specific to southern South Carolina and southeast Georgia.



NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST PAST WEATHER WEATHER SAFETY INFORMATION CENTER NEWS SEARCH ABOUT

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

News Headlines
 ▪ [Changes to National Hurricane Center's Products and Services for 2014](#)

NWS Forecast Office Charleston, SC
[Weather.gov](#) > Charleston, SC

Charleston, SC
Weather Forecast Office

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

Click on the map below to zoom in.

[Watches, Warnings & Advisories](#)

[Flood Warning](#) ■
[Hazardous Weather Outlook](#) ■

national menus (arrow pointing to top navigation bar)

local menus (arrow pointing to local navigation bar)

Tiles

Beneath the hazard map are several icons. These “tiles” will direct you to some of the more popular locations of our website.

Customize Your Weather.gov

Enter Your City, ST or ZIP Code

 Remember Me

NWS Forecast Office Charleston, SC

[Weather.gov](#) > Charleston, SC

[Current Hazards](#)
 [Current Conditions](#)
 [Radar](#)
 [Forecasts](#)
 [Rivers and Lakes](#)
 [Climate and Past Weather](#)
 [Local Programs](#)

Click on the map below to zoom in.




[Watches, Warnings & Advisories](#)

Flood Warning ■

Hazardous Weather Outlook ■

Last Map Update: Mon, Mar. 31, 2014 at 2:05:13 pm EDT


Charleston, SC
Weather Forecast Office

 Radar	 Current Weather	 Rivers & Lakes	 Satellite	 Weather Information Display	 Forecast Maps
 Hour by Hour Forecast	 Detailed Forecast	 Weather Hazard Briefing	 Forecaster's Discussion	 Marine Forecasts	 Beach & Surf
 Recreational Forecast	 Text	 Climate Plots	 NOAA Weather Radio	 Skywarn	 Sunrise & Sunset

 Follow us on Twitter

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 CHS RSS Feed

Site Map

The bottom of the home page contains an overview of the numerous pages available on our website – basically another way that you can navigate to a desired page.

 Radar	 Current Weather	 Rivers & Lakes	 Satellite	 Weather Information Display	 Forecast Maps
 Hour by Hour Forecast	 Detailed Forecast	 Weather Briefing	 Forecaster's Discussion	 Marine	 Beach & Surf
 Recreation/Lake Moultrie	 Text Products	 Climate Plots	 NOAA Weather Radio	 Skywarn	 Sunrise & Sunset

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HAZARDS

- Hazardous Weather Outlook
- Local Hazards Summary
- Weather Briefing Page
- Latest Local Weather Briefing
- Local Storm Reports
- Hurricanes

CURRENT CONDITIONS

- Observations Map
- Observations Listing
- Marine/Tides
- Rivers
- Satellite

RADAR

- Local (SE SC/GA) Radar
- Enhanced Local Radar
- Regional Radar
- National Radar

FORECASTS

- Local Forecasts
- Graphical
- Weather Activity Planner
- Forecaster Discussion
- Aviation
- Beach
- Fire Weather
- Lake Moultrie
- Marine/Tides
- Rivers

PAST WEATHER

- Past Observed Weather
- Event Summaries
- Rainfall
- Local Climate Data/Plots
- Today in Weather History

OFFICE PROGRAMS

- CoCoRaHS
- Science/Technology
- Social Media
- Storm Spotters

OFFICE INFORMATION

- About Us
- FAQ
- Newsletter - Storm Courier
- Text Product Listing

WEATHER SAFETY/PREPAREDNESS

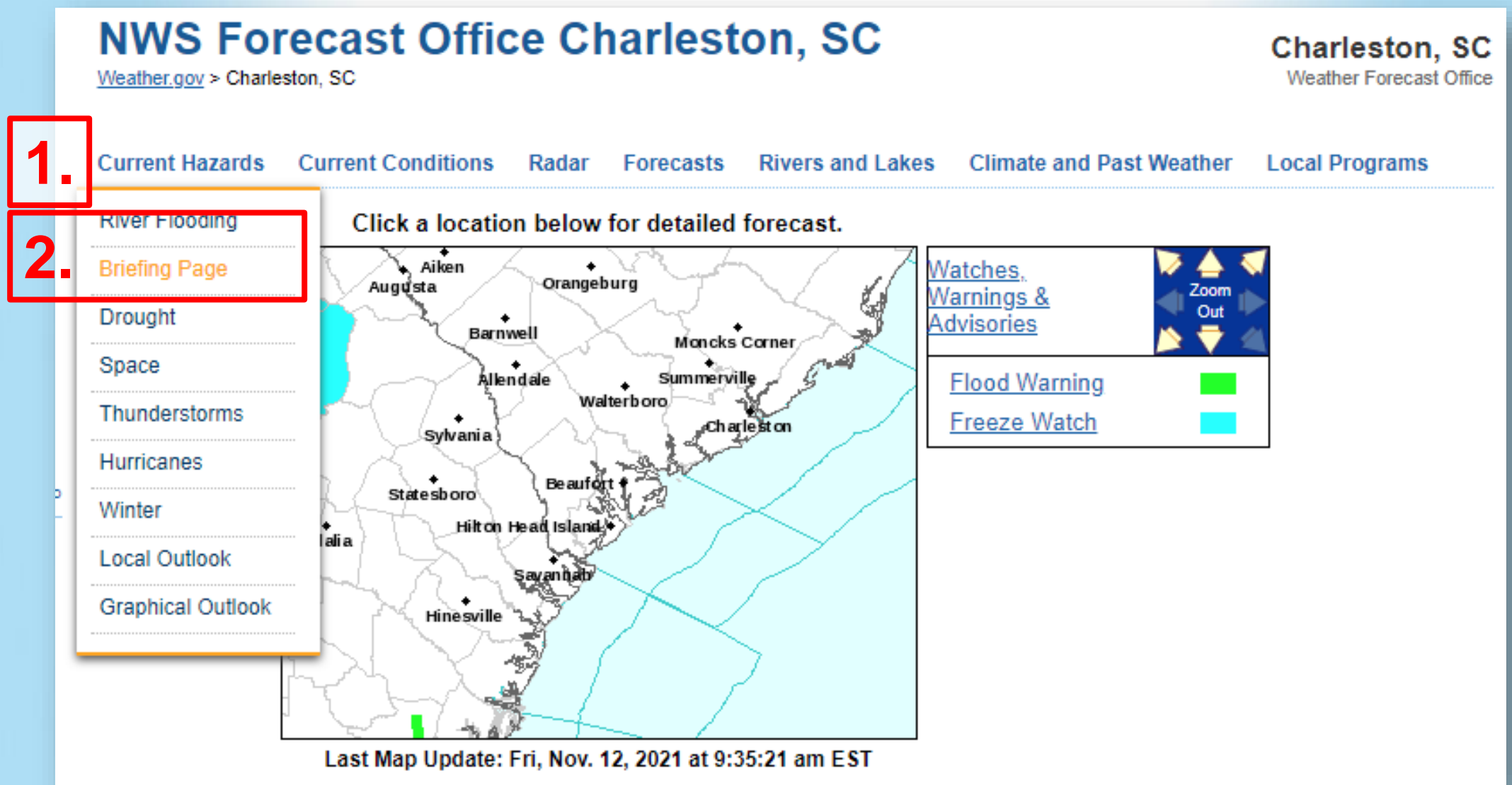
- Weather Safety
- NOAA Weather Radio
- Brochures
- Weather Ready Nation

Popular Pages: Briefing Page

The Briefing page is a “one-stop shop” of weather information to help keep you updated about the latest weather conditions and forecasts, particularly regarding any high impact weather.

To get to our **Briefing** page...

1. Hover over the “Current Hazards” menu
2. Select “Briefing Page”



NWS Forecast Office Charleston, SC
Weather.gov > Charleston, SC

Charleston, SC
Weather Forecast Office

1. [Current Hazards](#) [Current Conditions](#) [Radar](#) [Forecasts](#) [Rivers and Lakes](#) [Climate and Past Weather](#) [Local Programs](#)

2. [River Flooding](#)
[Briefing Page](#)
[Drought](#)
[Space](#)
[Thunderstorms](#)
[Hurricanes](#)
[Winter](#)
[Local Outlook](#)
[Graphical Outlook](#)

Click a location below for detailed forecast.

[Watches, Warnings & Advisories](#) [Zoom Out](#)

[Flood Warning](#) ■
[Freeze Watch](#) ■

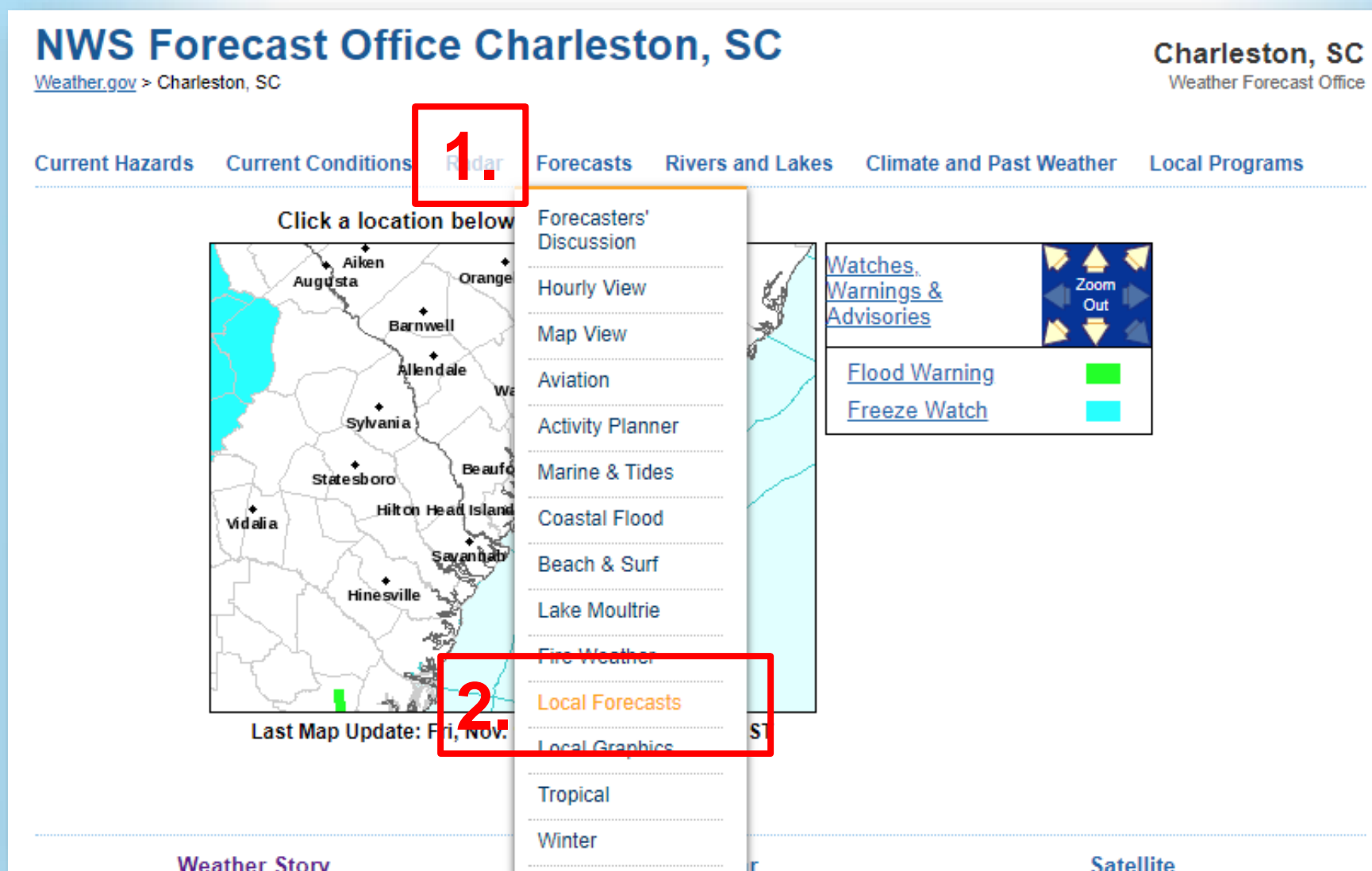
Last Map Update: Fri, Nov. 12, 2021 at 9:35:21 am EST

Popular Pages: Local Forecasts

Our Local Forecasts page is a “one-stop shop” for different ways to view our latest forecasts, including the Weather Activity Planner (see later slide for more info) and enhanced forecast graphics.

To get to our **Local Forecasts** page...

1. Hover over the “Forecasts” menu
2. Select “Local Forecasts”



The screenshot shows the NWS Forecast Office Charleston, SC website. The navigation menu is visible, with the "Forecasts" link highlighted by a red box and the number "1". A dropdown menu is open, showing various forecast options. The "Local Forecasts" option is highlighted by a red box and the number "2". The page also displays a map of the Charleston area, a "Watches, Warnings & Advisories" section, and a "Last Map Update" timestamp.

Popular Pages: Event Summaries

We have produced summaries of many significant weather events that have occurred across southern SC and southeast GA. This page will give you access to them.

To get to our **Past Significant Events** page...

1. Hover over the "Climate and Past Weather" menu
2. Select "Past Significant Events"

The screenshot shows the NWS Forecast Office Charleston, SC website. The navigation menu includes "Current Hazards", "Current Conditions", "Radar", "Forecasts", "Rivers and Lakes", "Climate and Past Weather", and "Local Programs". The "Climate and Past Weather" menu is open, showing options like "Past Observed Weather", "24 Hour Summary", "CoCoRaHS", "Climate Prediction", "Historical Records", "Past Rainfall", "Snowfall Records", "Drought Outlook", "Past Significant Events", "Local Tropical Cyclone History", "Local Climate Data/Plots", "Today in Weather History", and "Coastal Flood Event Database". The "Past Significant Events" option is highlighted with a red box and a red number "2". A red box with a red number "1" is placed over the "Climate and Past Weather" menu item in the navigation bar. Below the navigation menu is a map of the Charleston, SC area with various locations labeled, and a "Weather Story" section for Friday, November 12.

Popular Pages: Today in Weather History

The Today in Weather History calendar allows you to click on any date and get a listing of significant local weather events and fun facts that occurred on that date.

To get to our **Today in Weather History** page..

1. Hover over the "Climate and Past Weather" menu
2. Select "Today in Weather History"

The screenshot shows the NWS Forecast Office Charleston, SC website. On the left is a green sidebar with a 'Customize Your Weather.gov' form. The main content area has a header with the office name and location, and a navigation menu. The 'Climate and Past Weather' menu item is highlighted in orange and has a red box with the number '1' around it. A dropdown menu is open below it, listing various weather-related links. The 'Today in Weather History' link is highlighted in yellow and has a red box with the number '2' around it. Below the navigation menu is a map of the Charleston area with a red box around the text 'Click on the map below to zoom in.' and another red box around the text 'Last Map Update: Fri, Apr. 25, 2014 at 11:17:13 am EDT'.

Customize Your Weather.gov

City, ST

Enter Your City, ST or ZIP Code

Remember Me

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Privacy Policy

NWS Forecast Office Charleston, SC

Weather.gov > Charleston, SC

Charleston, SC
Weather Forecast Office

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

Click on the map below to zoom in.

Last Map Update: Fri, Apr. 25, 2014 at 11:17:13 am EDT

Watches, Warnings & Advisories

Flood Warning

Hazardous Weather Outlook

Past Observed Weather

Drought Outlook

Climate Prediction

Historical Records

24 Hour Summary

CoCoRaHS

Past Rainfall

Snowfall Records

Past Significant Event Summaries

Local Climate Data/Plots

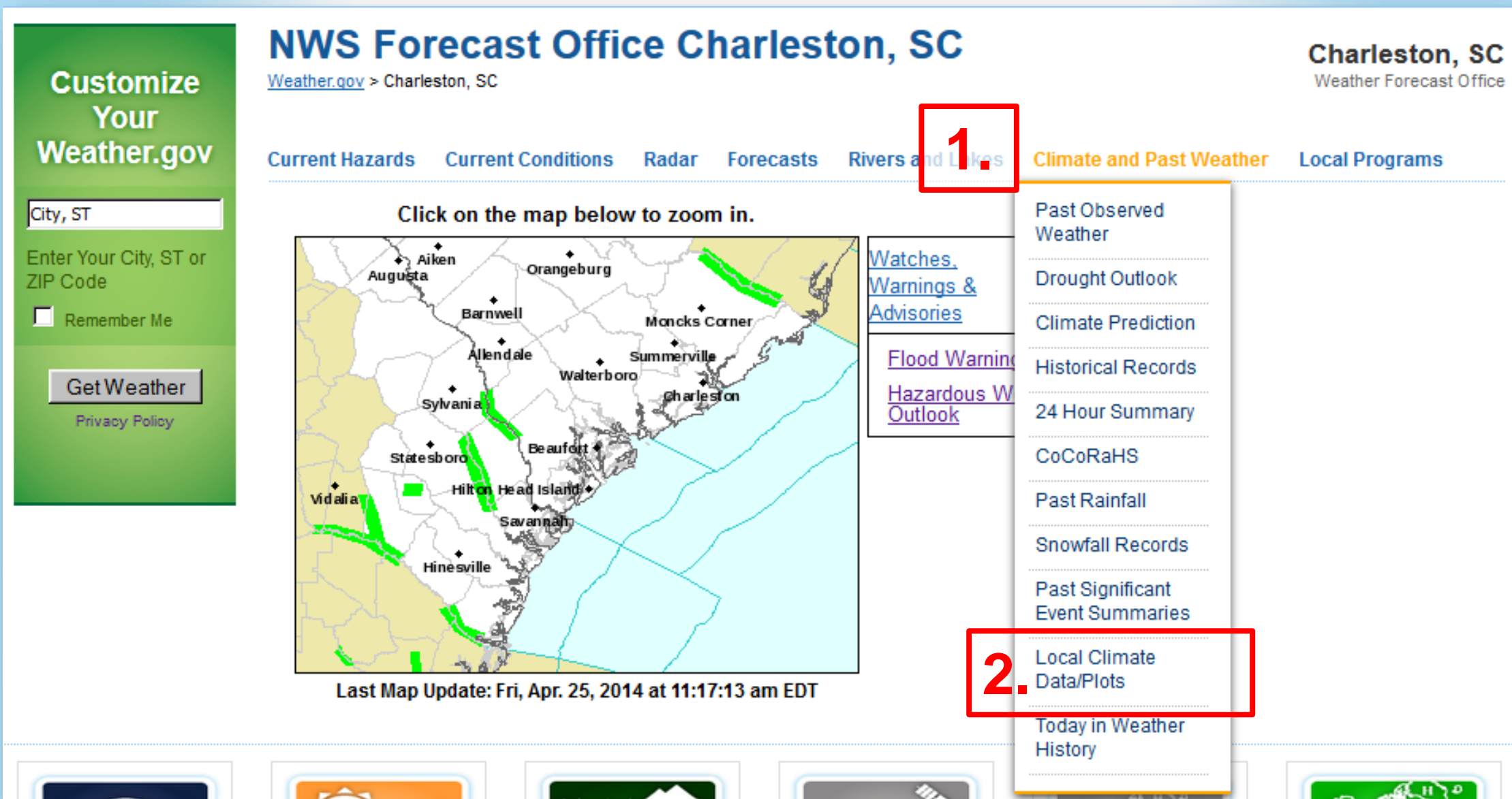
2. Today in Weather History

Popular Pages: Local Climate Data/Plots

Want to see plots of temperature & precipitation data or obtain climate data for a particular holiday, or even normals, records and extremes? Well, you can access all of that information on our Local Climate Data/Plots page.

To get to our **Local Climate Data/Plots** page..

1. Hover over the "Climate and Past Weather" menu
2. Select "Local Climate Data/Plots"



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Weather.gov > Charleston, SC

Charleston, SC
Weather Forecast Office

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City, ST

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

Click on the map below to zoom in.

Last Map Update: Fri, Apr. 25, 2014 at 11:17:13 am EDT

1. Climate and Past Weather

- Past Observed Weather
- Drought Outlook
- Climate Prediction
- Historical Records
- 24 Hour Summary
- CoCoRaHS
- Past Rainfall
- Snowfall Records
- Past Significant Event Summaries
- 2. Local Climate Data/Plots**
- Today in Weather History

Watches, Warnings & Advisories

Flood Warning

Hazardous Weather Outlook

Popular Pages: Frequently Asked Questions

To get answers to the most commonly asked questions...

1. Hover over the "Local Programs" menu
2. Select "Office FAQ"

NWS Charleston, SC - Frequently Asked Questions

[Weather.gov](#) > [Charleston, SC](#) > NWS Charleston, SC - Frequently Asked Questions

Charleston, SC
Weather Forecast Office

Current Hazards
Current Conditions
Radar
Forecasts
Rivers and Lakes
Climate and Past Weather
1.
Local Programs

What is the National Weather Service?

The [National Weather Service](#) (NWS) is an agency of the [National Oceanic and Atmospheric Administration](#) (NOAA), which is a part of the [Department of Commerce](#). The primary mission of the NWS involves the protection of life and property as well as enhancement of the national economy. This is accomplished through weather forecasts and severe weather warnings. However, there is more to the story and this involves people taking the appropriate action(s) based on such forecasts and warnings. This part of the equation is the goal of NOAA's "Weather Ready Nation" campaign to educate and help individuals prepare for severe weather and water events. Learn more about what the NWS does [here](#) and how you can become "weather ready" [here](#).

What does the Charleston, SC NWS office do?

Our office is responsible for providing forecasts and severe weather warnings for [20 counties across southeast SC and southeast GA](#), as well as [portions of the Atlantic coastal waters](#). We routinely issue public forecasts as well as specialized forecasts/products for the aviation, marine, fire weather, hydrologic and climate communities. We also issue various types of watches, warnings and advisories to raise awareness of certain types of weather hazards such as strong winds, dense fog, and frozen precipitation. Click

What is Doppler radar?

A Doppler radar contains special technology that motion toward or away from the radar antenna, in to showing the location of precipitation. The ability motions within thunderstorms has greatly improved ability for NWS meteorologists to provide advanced impending severe weather, including tornadoes. Learn more about this technology [here](#).

How does the NWS determine what a "severe thunderstorm" is?



According to the NWS, a "severe thunderstorm" produces 58 mile per hour or greater winds and/or or greater in diameter hail. Excessive lightning is considered during the issuance of [Severe Thunder Warnings](#), however [Special Weather Statements](#) issued to address storms with excessive cloud-to-lightning.

I often see "PoP" mentioned in your Area Forecast Discussion. What does that mean?

PoP refers to the probability of precipitation. More information can be found in this [tutorial](#).

- About Our Office
- CoCoRaHS
- Education
- 2.
- Office FAQ
- Science/Technology
- Social Media
- Storm Spotters
- Text Products
- Upper Air
- WRN Ambassadors
- Weather Safety
- Cooperative Weather Observers

Weather Forecast Office
Charleston, SC

weather.gov/chs  [@NWSCharlestonSC](https://twitter.com/NWSCharlestonSC)
 US National Weather Service Charleston SC

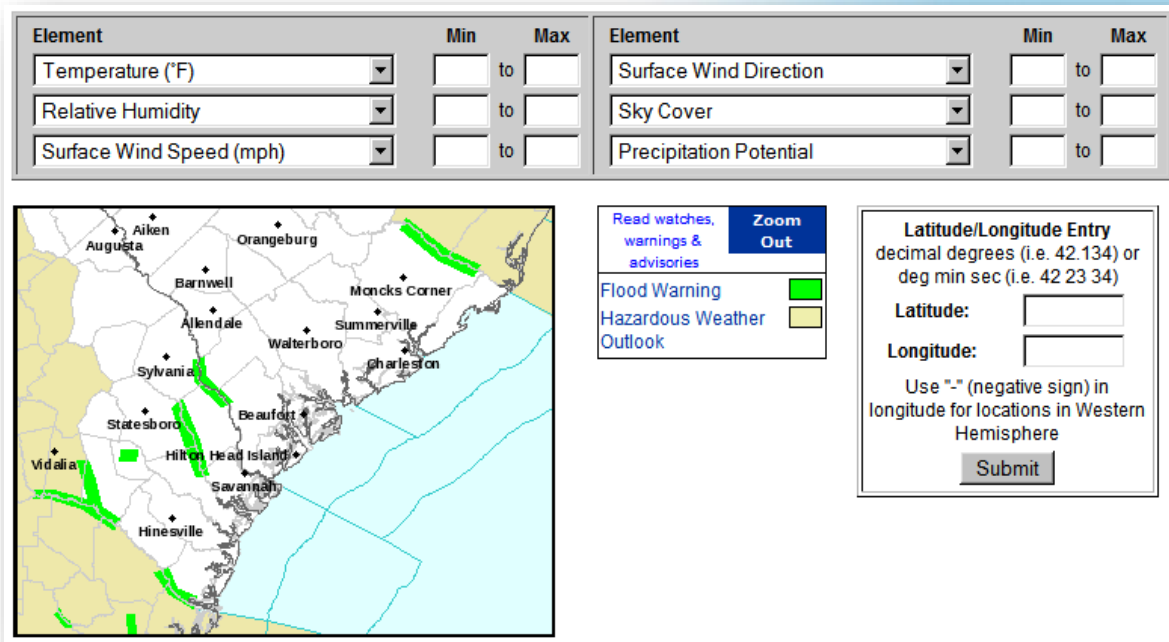
GRAPHIC CREATED:
11/12/2021 11:03 AM

Forecast Planning Tools

There are several tools available from the “Forecasts” menu above the hazard map that you may not be aware of and could prove quite useful for activity planning purposes.

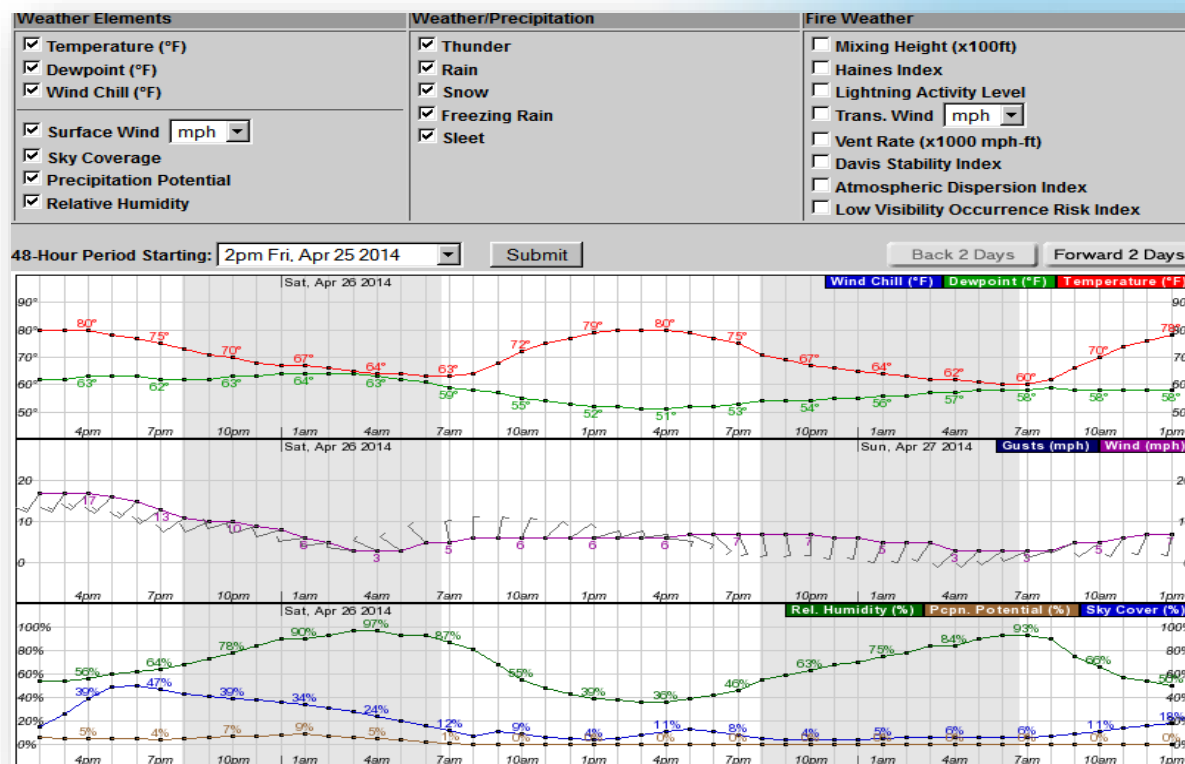
Activity Planner

This tool allows you to query our forecast database to find when certain weather conditions are expected.



Hourly View

This tool allows you to input your location and obtain the forecast in an hourly graph so you can easily see weather trends. You can even toggle on/off different weather parameters such as temperature, winds, relative humidity and precipitation potential.





Be sure to bookmark us!

If you have any questions or comments regarding our website, please contact us at
nws.charlestonsc@noaa.gov