

National Weather Service Incident Support and Response



Mike Proud
NWS Columbia SC
All Hazards Team Leader

John Quagliariello
NWS Charleston SC
Incident Meteorologist

Who is the NWS?

- Part of NOAA (National Oceanic and Atmospheric Administration)
- 127 offices across the US, Guam, Puerto Rico and American Samoa
- Work with our National Centers
 - Storm Prediction Center (SPC), Climate Prediction Center (CPC), National Severe Storms Laboratory (NSSL), National Hurricane Center (NHC)

– Mission Statement

"The National Weather Service (NWS) provides weather, hydrologic, and climate forecasts and warnings for the United States, its territories, adjacent waters and ocean areas, for the protection of life and property and the enhancement of the national economy. NWS data and products form a national information database and infrastructure which can be used by other governmental agencies, the private sector, the public, and the global community."

Routine Products Issued by the NWS

Forecasts:

- Issued daily at 4am/pm and updated as needed
- Hazardous Weather Outlooks issued each morning and updated as needed.
 - HWO states the potential for hazardous weather out to 7 days and is issued for planning purposes.
- Nowcasts issued when weather approaches the area to alert public to the onset of weather.
- Fire Weather Forecast issued twice daily and tailored to local, state and federal forestry agencies (mainly for prescribed burn planning).

Routine Products Issued by the NWS

Warnings, Watches and Advisories:

- Forecast staff on duty conducting a weather watch 24/7/365
- Watches typically issued 24 to 36 hours in advance of storms and indicates a need to prepare for potentially dangerous weather.
- Storm warnings issues 12 to 24 hours in advance of storms as confidence indicates the area will receive snow/ice/hurricane/etc.
- Severe thunderstorm and tornado warnings issued with as much lead time as possible.

What can you provide for incident response?

Topics to be Covered

1. What is a “spot” forecast?
2. Why is a “spot” important and how can it help?
3. How can a “spot” be requested?
4. What does it all mean?
5. Other services the National Weather Service provides
6. Incident response and equipment

What is a “Spot” Forecast?



What is a “Spot” Forecast?

1. A “spot” forecast is a site specific forecast
 - Can be the size of a warehouse, 1 acre, 1 city block, 1 square mile...size is not important
 2. It is prepared at the request of a local, state or federal agency
 3. Can be requested for multiple types of requests
 - Prescribed Fire/Controlled Burn
 - Wildfire
 - Wildfire Use
 - Hazmat
 - Search and Rescue
- **Although spot forecasts are not intended for training exercise, if planned in advance it can be arranged.

Why is a “spot” important and how can it help?

- A spot forecast is designed to be for a smaller area, so the information will be more accurate (small area forecast versus a county-wide forecast)
- Winds are critical to fire spread rate and direction, as well as chemical plume and smoke dispersion (Are evacuations needed? How large of a radius?)
 - Rapid change in wind direction and/or intensity can result in safety concern for responders and dramatically change needed evacuations (Apex fire in North Carolina).
- Temperatures can determine if heat stress/stroke will be an issue for responders, if heaters will be needed, etc.

How can a “spot” be requested?

1. Via the internet at http://www.erh.noaa.gov/cae/fire_weather.htm
2. By phone request direct to forecast staff (803-822-8038 answered 24 hours/7 days)
3. By fax to 803-822-8188 (follow up with a phone call to inform fax was sent)
 - Form with needed information is available at <http://www.erh.noaa.gov/cae/FireWx/D1a.pdf>



National Weather Service Forecast Office

Columbia, SC



Site Map

News

Organization

Search

Search

Local forecast by "City, St"

City, St Go



Top News of the Day:

[Voluntary Recall of Some Oregon Scientific Weather Radios](#)
[New Experimental National Precipitation Graphics Suite](#)
[Listen to NOAA All Hazards Radio on the internet.](#)

Warnings & Forecasts

Graphical Forecasts

Weather Hazards

Satellite Images

Weather Maps

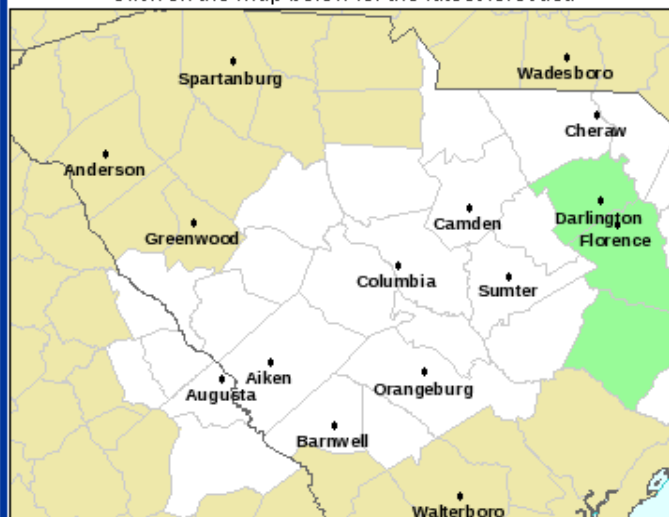
Rivers & Lakes

Current Radar

Quick Glimpse at the Weather Description

Columbia, SC

Click on the map below for the latest forecast.



Read watches, warnings & advisories



Hazardous Weather Outlook
Short Term Forecast

Last map update: Thu, Oct. 18, 2007 at 10:05:24 pm EDT

Choose from the options below for other ways to view your NWS forecast

Area

Text Forecasts

Forecast Matrices

Graphical Forecast

Forecast Images

Home

Current Hazards

- South Carolina
- Georgia
- National Warnings
- Hazardous Outlook
- Weather Hazards Assessment
- Day 1 Outlook
- Day 2 Outlook
- Tropical Weather

Current Conditions

- Observations
- Satellite Images
- River & Lake Level
- River & Lake AHPS
- Co-op Reports
- Lake Wind Reports
- Met Calculator

Radar Imagery

- Columbia Radar
- Nationwide

Forecasts

- Graphic Forecasts
- Aviation
- Marine
- Fire Weather**
- Air Quality Index

Local forecast by "City, St"

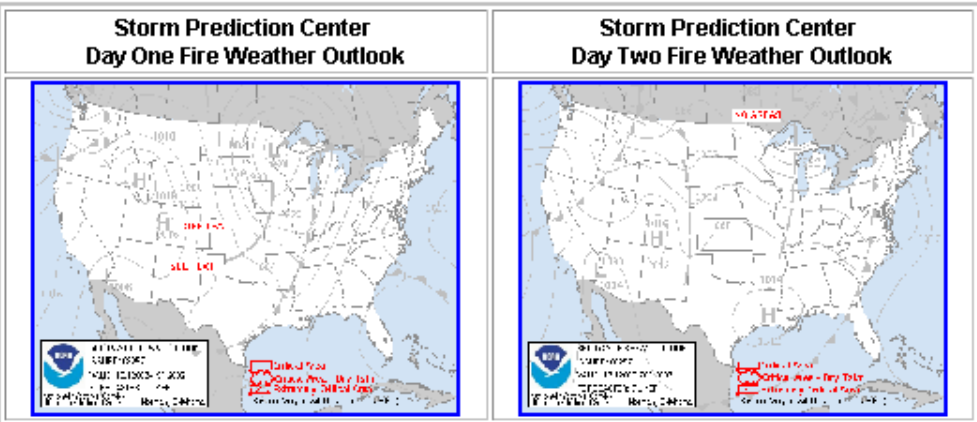
Fire Weather Forecast Information

[Request a Spot Forecast](#)

Fire Weather Products/Services/Information

- Local/Regional/National Fire Weather Forecast Products
- Spot Forecast Program | Internet Spot Forecast Request
- Extended Forecasts/Outlooks
- Fire Information
- Indices
- Drought/Precipitation Information
- Columbia Fire Weather Program (2007 Fire Weather Annual Operating Plan)
- Weather Terms

- Home
- Current Hazards**
- South Carolina
 - Georgia
 - National Warnings
 - Hazardous Outlook
 - Weather Hazards Assessment
 - Day 1 Outlook
 - Day 2 Outlook
 - Tropical Weather
- Current Conditions**
- Observations
 - Satellite Images
 - River & Lake Level
 - Co-op Reports
 - Lake Wind Reports
- Radar Imagery**
- Columbia Radar
 - Nationwide
- Forecasts**
- Graphic Forecasts
 - Aviation
 - Marine
 - Fire Weather
 - Air Quality Index
 - Forecast



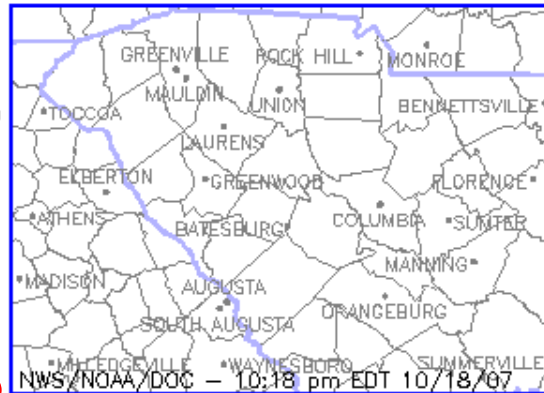
Local Climate Water & Weather Topics:
[Current Hazards](#), [Current Conditions](#), [Radar](#), [Satellite](#), [Hydrology](#), [Climate](#), [Office Programs](#),

[BACK TO TEST FIRE WEATHER PAGE](#)

COLUMBIA SPOT FORECASTS

for
Thursday
Oct 18 2007

[CALENDAR](#)



Pending Question Complete

[Submit a new Spot Request](#)

| Name | Ignition Time | Status |
|-------------------|---------------|--------|
| No Entries | | |

[Track forecasts sent from AWIPS](#)



National Oceanic and Atmospheric Administration (NOAA)

[Privacy Policy](#)

National Weather Service
Fire & Public Weather Services Branch
Page Author: NWS Internet Services Team
Page last updated at 8:57 am EST 3/5/07

COLUMBIA SPOT FORECAST REQUEST

Required Elements in RED (*)

PROJECT NAME

(*)Project Name:

Wildfire WFU HAZMAT
 Prescribed Fire SAR

Ignition Time: 0700 Eastern Local Time
Date: 9/21/07

REQUESTING AGENCY

(*)Requesting Agency:

(*)Requesting Official:

(*)Phone Number: Ext.

FAX Number:

Contact Person:

REASON FOR SPOT FORECAST REQUEST

(*)Must choose either Wildfire or one of the Non-Wildfire reasons

- Wildfire
- Non-Wildfire**
- Under the Interagency Agreement for Meteorological Services (USFS, BLM, NPS, USFWS, BIA)
 - State, tribal or local fire agency working in coordination with a federal participant in the Interagency Agreement for Meteorological Services.
 - Essential to public safety, e.g. due to the proximity of population centers or critical infrastructure.

For NWS Spot forecast policy, see section 4.0 in NWS Instruction 10-401 at <http://www.nws.noaa.gov/directives/010/010.htm>

LOCATION

(*)Lat: (*)Elevation: Top Bottom

(*)Lon: Drainage:

7.5' Quad: (*)Aspect:

Size: (Acres)

FUEL

Type:

Sheltering

Full

Partial

Unsheltered

OBSERVATIONS

| Place | Elev | Time | Wind | Temp | Wetbulb | RH | Dewpt. | Sky/Weather |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

PRIMARY FORECAST ELEMENTS

TDATNT TMR (Today, Tonight, Tomorrow)

- Sky/Weather
- Temperature
- Relative Humidity
- 20 Foot Wind
- Smoke Dispersion

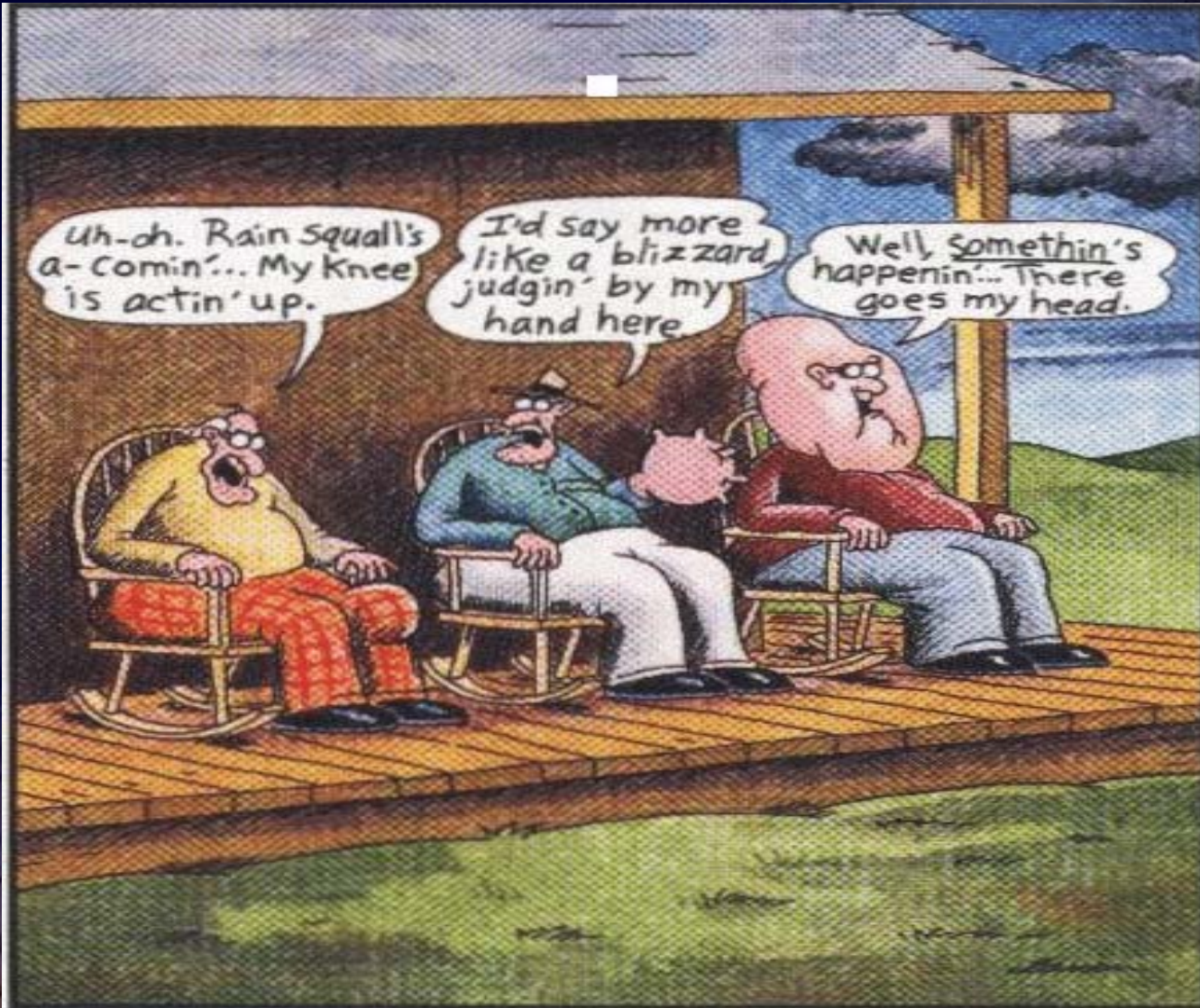
REMARKS

Submit Request

Cancel Request

Clear Form

What does it all mean?



Front porch forecasters

[BACK TO TEST FIRE WEATHER PAGE](#)

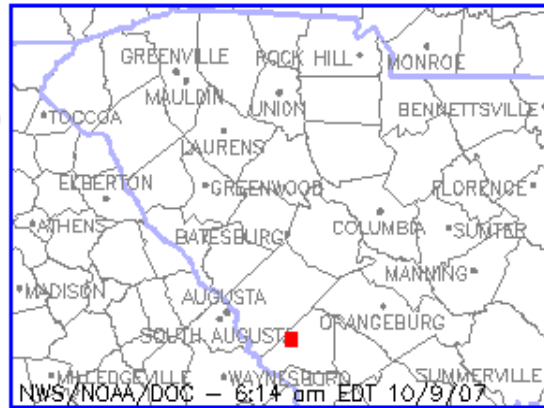
COLUMBIA SPOT FORECASTS

for

Thursday
Sep 27 2007

[CALENDAR](#)

[Submit a new Spot Request](#)



Pending Question Complete

| Name | Ignition Time | Status |
|-----------------------------------|-----------------------------|---|
| Comp 54 site prep | 9:30 am EDT | COMPLETE at 7:30 am EDT |

[Track forecasts sent from AWIPS](#)



National Oceanic and Atmospheric Administration (NOAA)

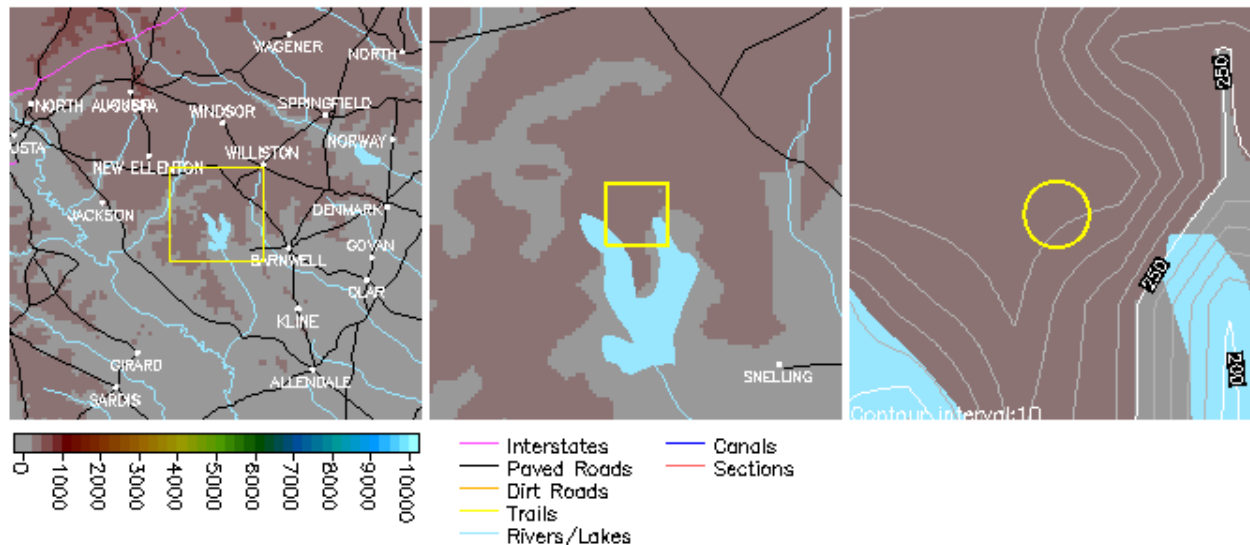
[Privacy Policy](#)

National Weather Service
 Fire & Public Weather Services Branch
 Page Author: NWS Internet Services Team
 Page last updated at 8:57 am EST 3/5/07

Comp 54 site prep (Proposed ignition time: 930 EDT 9/27/07) (Requested: 714 EDT 9/27/07)

Forecast complete at 730 EDT 9/27/07

Requested by: USFS Phone:(803) 640-6759 FAX:(803) 725-0517 Contact:Jason



Location: Legal: Lat/Lon:33 18 21/81 31 48 Quad:New Ellenton SE
 Calculated:(33°18'20"N 81°31'48"W) (NEW ELLENTON SE SC)

Elevation:240-265 **Drainage:**Lower 3 runs **Aspect:**flat **Size:**45

Fuel Type:logging slash (Unsheltered)

Observations:

| Place | Elev | Time | Wind | Temp | Wetbulb | RH | Dewpt | Remarks |
|--------|------|------|--------|------|---------|-----|-------|-----------------------|
| SavRiv | 390 | 0600 | 1-2nnw | 63 | | 100 | 63 | clear with patchy fog |

Requested Parameters

Remarks

| | |
|-----------------------|---------------------------------|
| XX. Sky / Weather | 200 ft towers reading winds wnw |
| X.. Temperature | 3-5. Looking at fog potential |
| XX. Relative Humidity | tomorrow and also the transport |
| XX. 20 Foot Wind | wind direction for today. |
| XX. Smoke Dispersion | |

SPOT FORECAST FOR COMP 54 SITE PREP...US FOREST SERVICE
NATIONAL WEATHER SERVICE COLUMBIA SC
730 AM EDT THU SEP 27 2007

FORECAST IS BASED ON IGNITION TIME OF 0930 EDT ON SEPTEMBER 27.
IF CONDITIONS BECOME UNREPRESENTATIVE...CONTACT THE NATIONAL WEATHER
SERVICE.

.DISCUSSION...A WEAK COLD FRONT WILL MOVE ACROSS THE AREA TONIGHT.
A STRONG RIDGE OF HIGH PRESSURE WILL THEN BUILD OVER THE EASTERN
STATES THROUGH THE WEEKEND. FOG IS NOT EXPECTED TONIGHT.

.TODAY...

| TIME (EDT) | 9 AM | 11 AM | 1 PM | 3 PM | 5 PM |
|------------------|------|-------|------|------|------|
| SKY (%) | 15 | 29 | 39 | 42 | 45 |
| WEATHER COV. | | | | | |
| WEATHER TYPE | NONE | NONE | NONE | NONE | NONE |
| TEMP. | 75 | 84 | 89 | 91 | 90 |
| RH. | 84 | 60 | 46 | 41 | 42 |
| 20 FT WIND | NW 3 | NW 5 | W 6 | SW 6 | SW 5 |
| 20 FT WIND GUST | 5 | 10 | 10 | 10 | 10 |
| 20 FT WIND DIR. | 000 | 340 | 320 | 280 | 270 |
| MIX HGT (FT) | 2500 | 4400 | 5400 | 5400 | 4300 |
| TRANSPORT WIND | NW 7 | NW 8 | W 9 | SW 9 | SW 8 |
| TRANSP WIND DIR. | 330 | 300 | 280 | 250 | 240 |

.TONIGHT...

| TIME (EDT) | 6 PM | 8 PM | 10 PM | MIDNGT | 2 AM | 4 AM |
|------------------|------|------|-------|--------|------|------|
| SKY (%) | 45 | 47 | 53 | 61 | 67 | 61 |
| WEATHER COV. | | | | | | |
| WEATHER TYPE | NONE | NONE | NONE | NONE | NONE | NONE |
| RH. | 42 | 56 | 64 | 73 | 76 | 78 |
| 20 FT WIND | SW 5 | S 4 | SW 3 | SW 2 | W 2 | W 2 |
| 20 FT WIND GUST | 10 | 10 | 5 | 5 | 5 | 5 |
| 20 FT WIND DIR. | 270 | 250 | 230 | 230 | 250 | 270 |
| MIX HGT (FT) | 3200 | 1000 | 800 | 600 | 400 | 300 |
| TRANSPORT WIND | SW 7 | W 6 | W 5 | W 3 | W 3 | W 3 |
| TRANSP WIND DIR. | 240 | 260 | 270 | 280 | 280 | 280 |

Please provide feedback:

FWSCAE

SPOT FORECAST FOR COMP 54 SITE PREP...USFS

NATIONAL WEATHER SERVICE COLUMBIA SC

543 PM EDT TUE OCT 16 2007

.DISCUSSION...HIGH PRESSURE OVER THE REGION WILL MOVE OFF THE WEDNESDAY. A WARM FRONT WILL MOVE OVER THE AREA WEDNESDAY NIGHT WITH A CHANCE OF SHOWERS. A COLD FRONT WILL MOVE OVER THE AREA ON FRIDAY WITH ANOTHER CHANCE OF SHOWERS OR THUNDERSTORMS.

.TODAY...

| TIME (EDT) | 9AM | 10A | 11A | 12P | 1PM | 2PM | 3PM | 4PM | 5PM |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| SKY (%)..... | 69 | 31 | 24 | 32 | 10 | 62 | 61 | 59 | 57 |
| WEATHER COV..... | | | | | | | | | |
| WEATHER TYPE..... | | | | | | | | | |
| TEMP..... | 65 | 70 | 75 | 80 | 81 | 80 | 81 | 81 | 80 |
| RH..... | 84 | 68 | 61 | 54 | 52 | 51 | 51 | 51 | 52 |
| 20 FT WIND DIR..... | NE | E | E | E | E | SE | SE | SE | SE |
| 20 FT WIND DIR..... | 050 | 080 | 100 | 100 | 110 | 120 | 120 | 120 | 120 |
| 20 FT WIND SPD..... | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 5 | 5 |
| 20 FT WIND GUST..... | 10 | 10 | 5 | 5 | 5 | 5 | 10 | 10 | 10 |
| MIX HGT (KFT)..... | 1.9 | 2.8 | 3.6 | 4.5 | 5.2 | 5.6 | 5.6 | 5.3 | 4.5 |
| TRANSP WIND DIR..... | E | SE | SE | E | E | E | E | E | E |
| TRANSP WIND DIR..... | 110 | 120 | 120 | 110 | 110 | 100 | 100 | 090 | 090 |
| TRANSP WIND SPD...7 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 10 | 10 |

.TONIGHT...

| TIME (EDT) | 6 PM | 8 PM | 10 PM | MIDNGT | 2 AM | 4 AM |
|----------------------|------|------|-------|--------|------|------|
| SKY (%)..... | 55 | 52 | 53 | 54 | 55 | 57 |
| WEATHER COV..... | | | | | | |
| WEATHER TYPE.... | | | | | | |
| RH..... | 58 | 73 | 84 | 90 | 97 | 93 |
| 20 FT WIND..... | SE 4 | SE 2 | SE 2 | SE 2 | E 2 | SE 2 |
| 20 FT WIND GUST..... | 10 | 5 | 5 | 5 | 5 | 5 |
| 20 FT WIND DIR..... | 120 | 120 | 130 | 120 | 100 | 120 |
| MIX HGT (FT)..... | 3200 | 500 | 200 | 300 | 300 | 200 |
| TRANSPORT WIND..... | E 9 | E 6 | E 6 | SE 5 | S 2 | E 2 |
| TRANSP WIND DIR..... | 100 | 110 | 110 | 130 | 170 | 100 |

.WEDNESDAY...

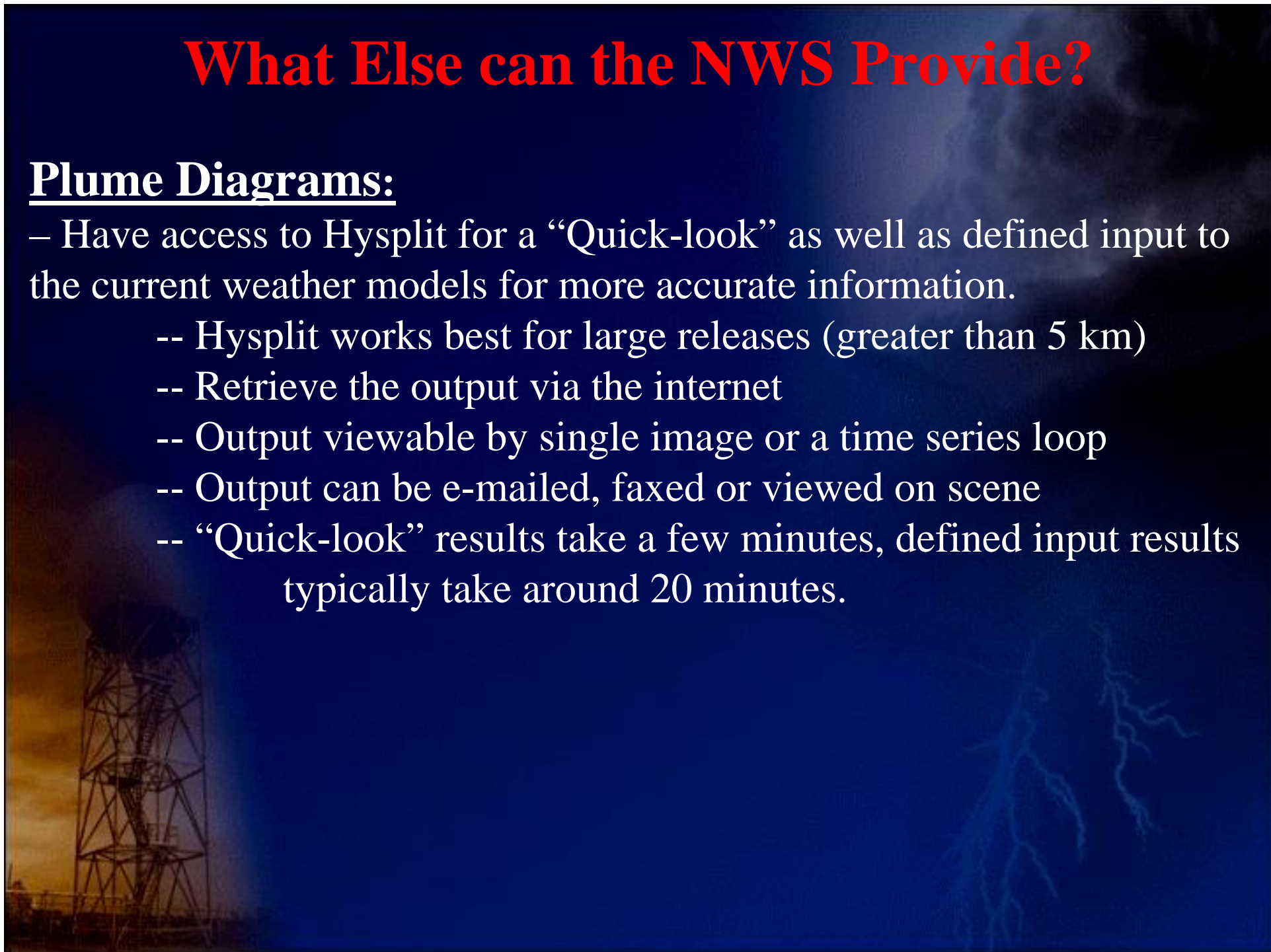
| TIME (EDT) | 6 AM | 9 AM | NOON | 3 PM |
|----------------------|-------|-------|-------|---------|
| 20 FT WIND..... | E 2G5 | E 2G5 | E 4G5 | SE 5G10 |
| 20 FT WIND DIR..... | 110 | 080 | 100 | 130 |
| MIX HGT (FT)..... | 200 | 1900 | 4700 | 5000 |
| TRANSPORT WIND..... | E 3 | NE 6 | E 7 | E 9 |
| TRANSP WIND DIR..... | 070 | 040 | 080 | 110 |

\$\$

What Else can the NWS Provide?

Plume Diagrams:

- Have access to Hysplit for a “Quick-look” as well as defined input to the current weather models for more accurate information.
 - Hysplit works best for large releases (greater than 5 km)
 - Retrieve the output via the internet
 - Output viewable by single image or a time series loop
 - Output can be e-mailed, faxed or viewed on scene
 - “Quick-look” results take a few minutes, defined input results typically take around 20 minutes.



What Else can the NWS Provide?

Other Messages:

- Can be issued on NOAA All-Hazards Radio with tone alert, or without alert, at the request of local, state and federal officials.
 - Messages include Civil Emergency Message (CEM), Child Abduction Emergency (CAE) and Nuclear Plant Warning (NUW).
 - Additional message types are being created and will be official in the future .

Outreach:

- **On scene support** for hazmat spills, large fires (wildfire/commercial/residential), marine incidents and training exercises.
- Training for responders, police and fire departments, county and local officials, etc.
- Education for the public (festivals, training classes, etc).



National Weather Service Forecast Office Columbia, SC

weather.gov



Home

News

Organization

Search

Go

Local forecast by
"City, St"

City, St

- Current Hazards
- South Carolina
- Georgia
- National Warnings
- Hazardous Outlook
- Weather Hazards Assessment
- Day 1 Outlook
- Day 2 Outlook
- Tropical Weather
- Emergency Mngmt**

- Current Conditions
- Observations
- Satellite Images
- River & Lake Level
- River & Lake AHPS
- Co-op Reports
- Lake Obs Text
- Lake Murray
- Lake Murray(bkup)
- Strom Thurmond
- Met Calculator

- Radar Imagery
- Columbia Radar
- Nationwide

- Forecasts
- Activity Planner
- Graphic Forecasts

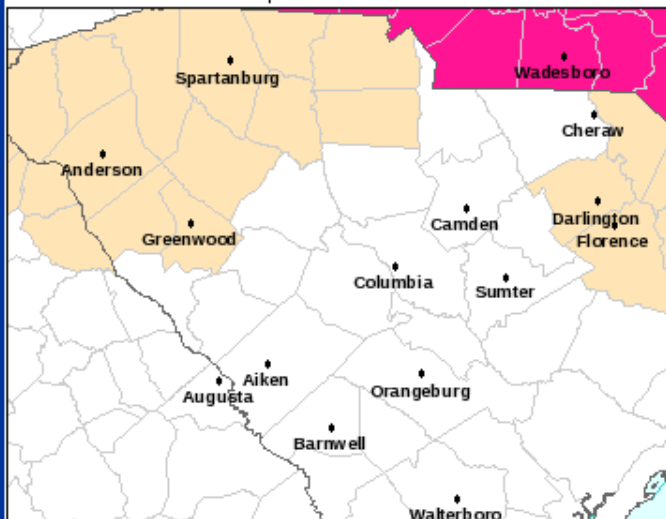
Latest Headlines...

- ♦ Find out how to provide a significant weather report to our Severe Weather Hotline **NEW**
- ♦ Current Drought Statement
- ♦ Listen to NOAA All Hazards Radio on the internet

Quick Glimpse at the Weather Description

Columbia, SC

Click on the map below for the latest forecast.



Read watches,
warnings &
advisories



Red Flag Warning
Special Weather
Statement

Last map update: Wed, Feb. 20, 2008 at 12:45:19 am EST

Choose from the options below for other ways to view your NWS forecast

Area

Text Forecasts

Forecast Matrices

Graphical Forecast

Forecast Images



National Weather Service Forecast Office Columbia, SC

weather.gov



Home

News

Organization

Search

Go

Local forecast by
"City, St"

City, St

Main

Fire &
Hazmat

Flood

Severe
Wx

Severe
Fcst

Winter
Wx

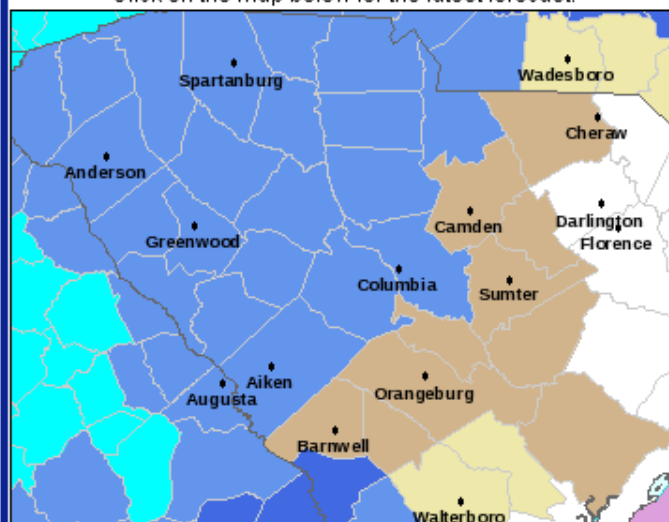
Winter
Fcst

Current Event Briefing Page

Quick Glimpse at the Weather and Local Hazards

Columbia, SC

Click on the map below for the latest forecast.



Last map update: Tue, Apr. 15, 2008 at 6:20:28 am EDT

Read watches,
warnings &
advisories



- Hazardous Weather Outlook
- Gale Warning
- Freeze Warning
- Small Craft Advisory
- Lake Wind Advisory
- Frost Advisory
- Freeze Watch
- Fire Weather Watch

- Current Hazards
- South Carolina
- Georgia
- National Warnings
- Hazardous Outlook
- Weather Hazards
- Assessment
- Day 1 Outlook
- Day 2 Outlook
- Tropical Weather
- Emergency Mngmt

- Current Conditions
- Observations
- Satellite Images
- River & Lake Level
- River & Lake AHPS
- Co-op Reports
- Lake Observations
- Met Calculator

- Radar Imagery
- Columbia Radar
- Nationwide

- Forecasts
- Activity Planner
- Graphic Forecasts
- Aviation
- Marine

National, Regional, Local Radar Displays

National Radar

Regional Radar

Local CAE Radar

Local forecast by "City, St"
City, St Go

- Main
- Fire & Hazmat
- Flood
- Severe Wx
- Severe Fcst
- Winter Wx
- Winter Fcst

Fire & Hazmat Briefing Page

Quick Glimpse at the Weather and Local Hazards Columbia, SC

Click on the map below for the latest forecast.

Read watches, warnings & advisories

Zoom Out

- Hazardous Weather Outlook
- Gale Warning
- Freeze Warning
- Small Craft Advisory
- Lake Wind Advisory
- Frost Advisory
- Freeze Watch
- Fire Weather Watch

Last map update: Tue, Apr. 15, 2008 at 6:20:28 am EDT

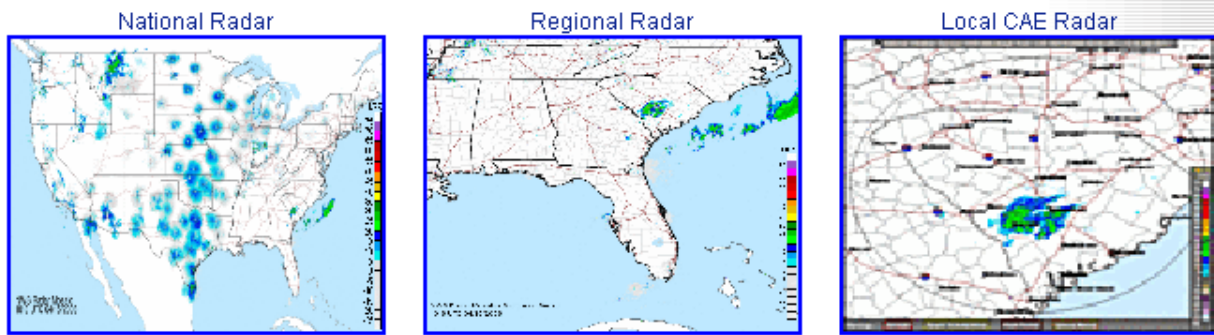
[Request a Spot Forecast](#)

- Current Hazards
 - South Carolina
 - Georgia
 - National Warnings
 - Hazardous Outlook
 - Weather Hazards Assessment
 - Day 1 Outlook
 - Day 2 Outlook
 - Tropical Weather
 - Emergency Mngmt
- Current Conditions
 - Observations
 - Satellite Images
 - River & Lake Level
 - River & Lake AHPS
 - Co-op Reports
 - Lake Observations
 - Met Calculator
- Radar Imagery
 - Columbia Radar
 - Nationwide
- Forecasts
 - Activity Planner
 - Graphic Forecasts
 - Aviation
 - Marine

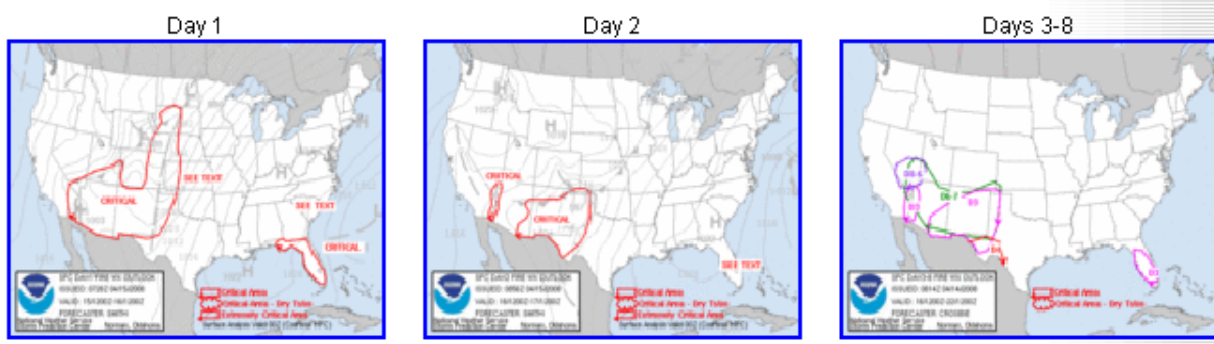
- Forecasts**
 - Activity Planner
 - Graphic Forecasts
 - Aviation
 - Marine
 - Fire Weather
 - Air Quality Index
 - Forecast
 - Discussions
- Hydrology**
 - River & Lake Level
 - River Forecast
 - River & Lake AHPS
 - S.C. Streamflow
 - GA Streamflow
- Climate**
 - Local
 - National
 - More...
- Office Programs**
 - About Our Office
 - Careers
 - Outreach
 - Computer Models and Maps
 - Hurricane
 - Preparedness
 - Local Research
 - NWR on the Web
- Weather Safety**
 - Storm Ready
 - Preparedness
 - Se Habla Espanol
 - SKYWARN
 - Weather Glossary
 - Submit Report
 - LSR Archive
 - Event Archive
 - Storm Database

Request a Spot Forecast

National, Regional, Local Radar Displays



Fire Weather Outlooks from the Storm Prediction Center



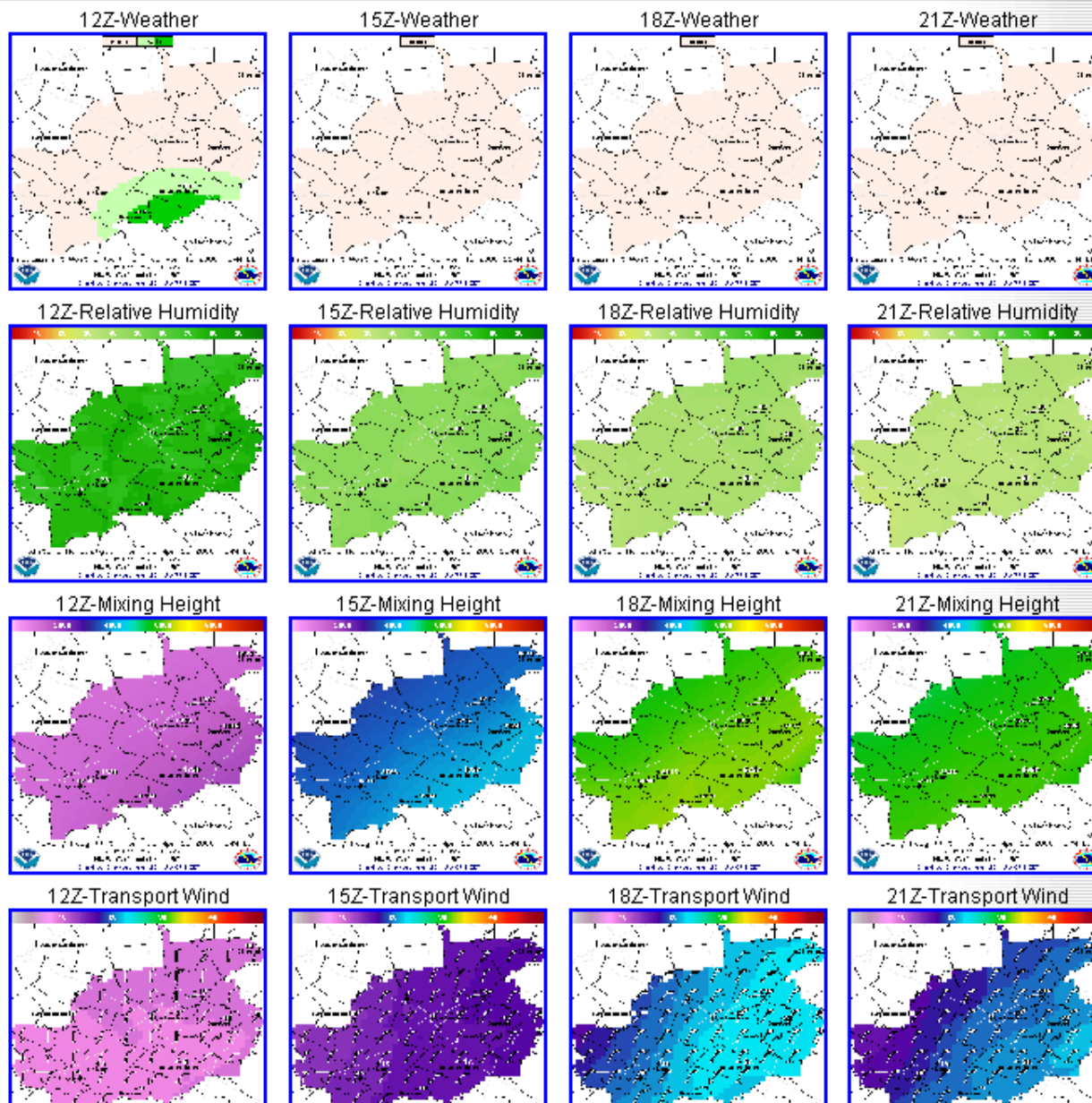

Short Term Forecasts for Weather Elements





Event Archive
Storm Database
Education

Contact Us



Product Browser

- Select a Text Product ---
- Select a Text Product ---
-
- General/Multi-use Products
- Area Forecast Discussion
- Hazardous Weather Outlook
- Non-Precipitation Hazards Message
- Public Information Statement
- Short Term Forecast
- Winter Weather Message
-
- Fire Weather Products
- Area Forecast Matrix
- Fire Weather Forecast
- Fire Weather Matrix
- Fire Weather Spot
-
- Flooding Products
- Flood Outlook
- Flash Flood Statement
- Flash Flood Warning

Hazardous Weather Outlook

Issued by NWS Columbia, SC

Home | **Current Version** | Previous Versions
Versions: 1 2 3 4 5 6 7 8 9

000
FLUS42 KCAE 230047
HWOCAE

HAZARDOUS WEATHER OUTLOOK
NATIONAL WEATHER SERVICE COLUMBIA
847 PM EDT TUE JUL 22 2008

GAZ040-063>065-077-SCZ015-016-018
LINCOLN-MCDUFFIE-COLUMBIA-RICHMOND-BURKE-LANCASTER-CHESTERFIELD-
MCCORMICK-NEWBERRY-FAIRFIELD-KERSHAW-EDGEFIELD-SALUDA-LEXINGTON-
RICHLAND-LEE-AIKEN-SUMTER-BARNWELL-ORANGEBURG-CALHOUN-CLARENDON-
BAMBERG-
847 PM EDT TUE JUL 22 2008

THIS HAZARDOUS WEATHER OUTLOOK IS FOR EAST CENTRAL GEORGIA AND
CENTRAL SOUTH CAROLINA.

.DAY ONE...TONIGHT

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME.

[Disclaimer:](#)

Recommendations

Visit Your Local NWS Office

- Talk to us about what you do and what you might need in regard to incidents
- The better we understand each other the better products and services we can provide you

Participation in Exercises

- Involving the local NWS office will provide excellent understanding for all in what you do and what we can provide on-scene

Contacting the NWS

NWS Columbia Points of Contact:

Duty Forecaster (24x7x365).....(803)822-8038

Steve Naglic (WCM).....(803)765-5501 x223

Mike Proud (All-Hazards Team).....(803)822-8038

www.weather.gov/cae

NWS Charleston.....(843)744-0303

NWS Greenville Spartanburg.....(864)848-3859

NWS Wilmington NC.....(910)762-4289

Questions, Comments or Suggestions?