

Your NWS Forecast Tutorial:

Exploring different ways to get your forecast!

- The National Weather Service has different formats in which you can obtain a forecast for your area.
- This presentation will explore the ways you can obtain this information in different forms.
- ***www.weather.gov/pah***



Your 7 Day Forecast:

Point & Click – How To
Just click on the map on our home page
where you need a forecast...and your 7 day
forecast will appear.

NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

FORECAST - PAST WEATHER - WEATHER SAFETY - INFORMATION CENTER - NEWS - SEARCH - ABOUT

LOCAL FORECAST

Enter location: _____ Go
Location Help

NEWS

Winter makes late-season return to Northeast, rain and thunderstorms possible across Texas and Gulf Coast

Although astronomical spring officially begins Friday evening, it will feel more like winter across much of the Northeast. Winter Weather Advisories are in effect from Northern Virginia to southern New England, with 3-6 inches of snow possible for some locations. Meanwhile, heavy rain and thunderstorms are forecast across southern Texas and the Gulf Coast.
[Read More...](#)

CURRENT CONDITIONS

Fog/Mist
45°F
7°C

Humidity 90%
Wind Speed N 8 mph
Barometer 30.16 in (1021.4 mb)
Dewpoint 42°F (5°C)
Visibility 6.00 mi
Wind Chill 41°F (5°C)
Last update on 20 Mar 6:52 am CDT

Current conditions at Southern Illinois Airport (KMDH)
Lat: 37.79°N Lon: 89.25°W Elev: 400ft
[More Local Wx](#) | [3 Day History](#) | [Mobile Weather](#)

3 MILES WSW CARBONDALE IL
7 Day Forecast

Today	Tonight	Saturday	Saturday Night	Sunday	Sunday Night	Monday	Monday Night	Tuesday
High: 56°F	Low: 41°F	High: 69°F	Low: 43°F	High: 64°F	Low: 38°F	High: 60°F	Low: 42°F	High: 65°F

DETAILED FORECAST

Time	Forecast
Today	Cloudy, then gradually becoming mostly sunny, with a high near 56. North northwest wind 5 to 7 mph.
Tonight	Partly cloudy, with a low around 41. Light south southwest wind.
Saturday	Mostly sunny, with a high near 69. West southwest wind 3 to 6 mph.
Saturday Night	Partly cloudy, with a low around 43. Light and variable wind.
Sunday	Mostly sunny, with a high near 64. East northeast wind 5 to 8 mph.
Sunday Night	Partly cloudy, with a low around 38. East northeast wind around 7 mph.
Monday	Mostly sunny, with a high near 60. East wind around 6 mph.
Monday Night	Partly cloudy, with a low around 42. East wind around 6 mph.
Tuesday	A slight chance of showers. Partly sunny, with a high near 65. East wind 5 to 10 mph becoming south in the afternoon.
Tuesday Night	A chance of showers and thunderstorms. Mostly cloudy, with a low around 54. South wind around 10 mph.
Wednesday	A chance of showers and thunderstorms. Mostly cloudy, with a high near 65. South southwest wind 9 to 13 mph, with gusts as high as 18 mph.
Wednesday Night	A chance of showers and thunderstorms. Mostly cloudy, with a low around 44. Southwest wind 6 to 8 mph becoming northwest after midnight.
Thursday	A slight chance of rain. Partly sunny, with a high near 65. North northwest wind 7 to 10 mph.

ADDITIONAL FORECASTS AND INFORMATION

ZONE ARE A FORECAST FOR JACKSON COUNTY, IL

Forecast Discussion	Hourly Weather Graph	Air Quality Forecasts
Printable Forecast	Tabular Forecast	International System of Units
Text Only Forecast	Quick Forecast	About Point Forecasts
Hazardous Weather	Past Weather Information	
Regional Weather Conditions	Home	

ABOUT THIS FORECAST

Point Forecast: 3 Miles WSW Carbondale IL
37.7°N 89.2°W

Last Update: 9:15 am CDT Mar 20, 2015

Forecast: 10am CDT Mar 20, 2015-6pm CDT Mar 26, 2015

Valid: [Forecast Discussion](#)

[EN](#) [ES](#)

RADAR & SATELLITE IMAGES

HOURLY WEATHER GRAPH

NATIONAL DIGITAL FORECAST DATABASE

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: _____ Go
[Location Help](#)

Home
[Weather.gov](#) > Paducah, KY
Paducah, KY
Local Forecast Office

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

Click on the map below to zoom in.

Weather Warnings & Advisories

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

Last Map Update: Fri, Mar. 20, 2015 at 8:49:22 am CDT

Sunshine and Warmer Temperatures by Saturday

Weather Story

Local Radar

Weather Map

For A More Detailed Hourly Forecast

From the Point and Click forecast page, there is also an Hourly Weather Graph.

HOME FORECAST - PAST WEATHER - WEATHER SAFETY - INFORMATION CENTER - NEWS - SEARCH - ABOUT -

GET LOCAL FORECAST

Enter location: Go

LOCATION MSG

NEWS

Winter makes late-season return to Northeast, rain and thunderstorms possible across Texas and Gulf Coast

Although astronomical spring officially begins Friday evening, it will feel more like winter across much of the Northeast. Winter Weather Advisories are in effect from Northern Virginia to southern New England, with 3-6 inches of snow possible for some locations. Meanwhile, heavy rain and thunderstorms are forecast across southern Texas and the Gulf Coast.

Read More.

CURRENT CONDITIONS

En Español

Share | Facebook | Twitter | LinkedIn

Fog/Mist
45°F
7°C

Humidity: 90%
Wind Speed: N 8 mph
Barometer: 30.16 in (1021.4 mb)
Dewpoint: 42°F (5°C)
Visibility: 6.00 mi
Wind Chill: 41°F (5°C)
Last update on: 20 Mar 8:52 am CDT

Current conditions at Southern Illinois Airport (KMDH)
Lat: 37.78°N Lon: 89.25°W Elev: 400ft
More Local Wx | 3 Day History | Mobile Weather

3 MILES WSW CARBONDALE IL

7 Day Forecast

Today	Tonight	Saturday	Saturday Night	Sunday	Sunday Night	Monday	Monday Night	Tuesday
High: 58°F	Low: 41°F	High: 68°F	Low: 43°F	High: 64°F	Low: 38°F	High: 60°F	Low: 42°F	High: 65°F

For More Weather Information:
Paducah, KY Local Forecast Office

DETAILED FORECAST

Today: Clouds, then gradually becoming mostly sunny, with a high near 58. North-northwest wind 5 to 7 mph.

Tonight: Partly cloudy, with a low around 41. Light south-southwest wind.

Saturday: Mostly sunny, with a high near 68. West-southwest wind 3 to 6 mph.

Saturday Night: Partly cloudy, with a low around 43. Light and variable wind.

Sunday: Mostly sunny, with a high near 64. East-northeast wind 5 to 8 mph.

Sunday Night: Partly cloudy, with a low around 38. East-northeast wind around 7 mph.

Monday: Mostly sunny, with a high near 65. East wind around 6 mph.

Monday Night: Partly cloudy, with a low around 42. East wind around 6 mph.

Tuesday: A slight chance of showers. Partly sunny, with a high near 65. East wind 5 to 10 mph becoming south in the afternoon.

Tuesday Night: A chance of showers and thunderstorms. Mostly cloudy, with a low around 54. South wind around 10 mph.

Wednesday: A chance of showers and thunderstorms. Mostly cloudy, with a high near 66. South-southwest wind 9 to 13 mph, with gusts as high as 18 mph.

Wednesday Night: A chance of showers and thunderstorms. Mostly cloudy, with a low around 44. Southwest wind 6 to 8 mph becoming northwest after midnight.

Thursday: A slight chance of rain. Partly sunny, with a high near 55. North-northwest wind 7 to 10 mph.

ADDITIONAL FORECASTS AND INFORMATION

ZONE ARE A FORE CAST FOR JACKSON COUNTY, IL

Forecast Discussion	Hourly Weather Graph	Air Quality Forecasts
Forecast	Tabular Forecast	International System of Units
Text Only Forecast	Quick Forecast	ASOS Point Forecasts
Hazardous Weather	Past Weather Information	
Regional Weather Conditions	Home	

Topographic - Click Map For Forecast

Forecast Area
Lat/Lon: 37.7°N 89.26°W
Elevation: 466 ft

ABOUT THIS FORECAST

Point Forecast: 3 Miles WSW Carbondale IL, 37.7°N 89.26°W
Last Update: 9:15 am CDT Mar 20, 2015
Forecast Valid: 10am CDT Mar 20, 2015-6pm CDT Mar 26, 2015
Forecast Discussion

RADAR & SATELLITE IMAGES

HOURLY WEATHER GRAPH

NATIONAL DIGITAL FORECAST DATABASE

Point Forecast: 3 Miles WSW Carbondale IL, 37.7°N 89.26°W
Last Update: 9:15 am CDT Mar 20, 2015

Hourly Weather Forecast Graph

Weather Elements: Temperature (°F) Dewpoint (°F) Wind Chill (°F) Surface Wind (mph) Sky Cover (%) Precipitation Potential (%) Relative Humidity (%)

Weather/Precipitation: Rain Thunder Snow Freezing Rain Sleet Fog

Probabilistic Forecasts (Experimental) Description | Survey

Quantitative Precipitation 6-hr - info
Snowfall 6-hr - info
- 0.1in - 1in - 3in - 6in - 12in

48-Hour Period Starting: 10am Fri, Mar 20 2015 - Submit - Back 2 Days - Forward 2 Days

Sunday, March 22 at 6am
Temperature: 46°F Dewpoint: 41°F Wind Chill: 43°F Surface Wind: ENE 6mph
Sky Cover (%): 33% Precipitation Potential (%): 3% Relative Humidity (%): 83%
Rain: <10% Thunder: <10% Snow: <10% Freezing Rain: <10% Sleet: <10%

Radar and Satellite Images

Additional Forecasts & Information

Forecast Discussion	Hourly Weather Graph	Air Quality Forecasts
Forecast	Tabular Forecast	International System of Units
Text Only Forecast	Quick Forecast	ASOS Point Forecasts
Hazardous Weather	Past Weather Information	
Regional Weather Conditions	Home	

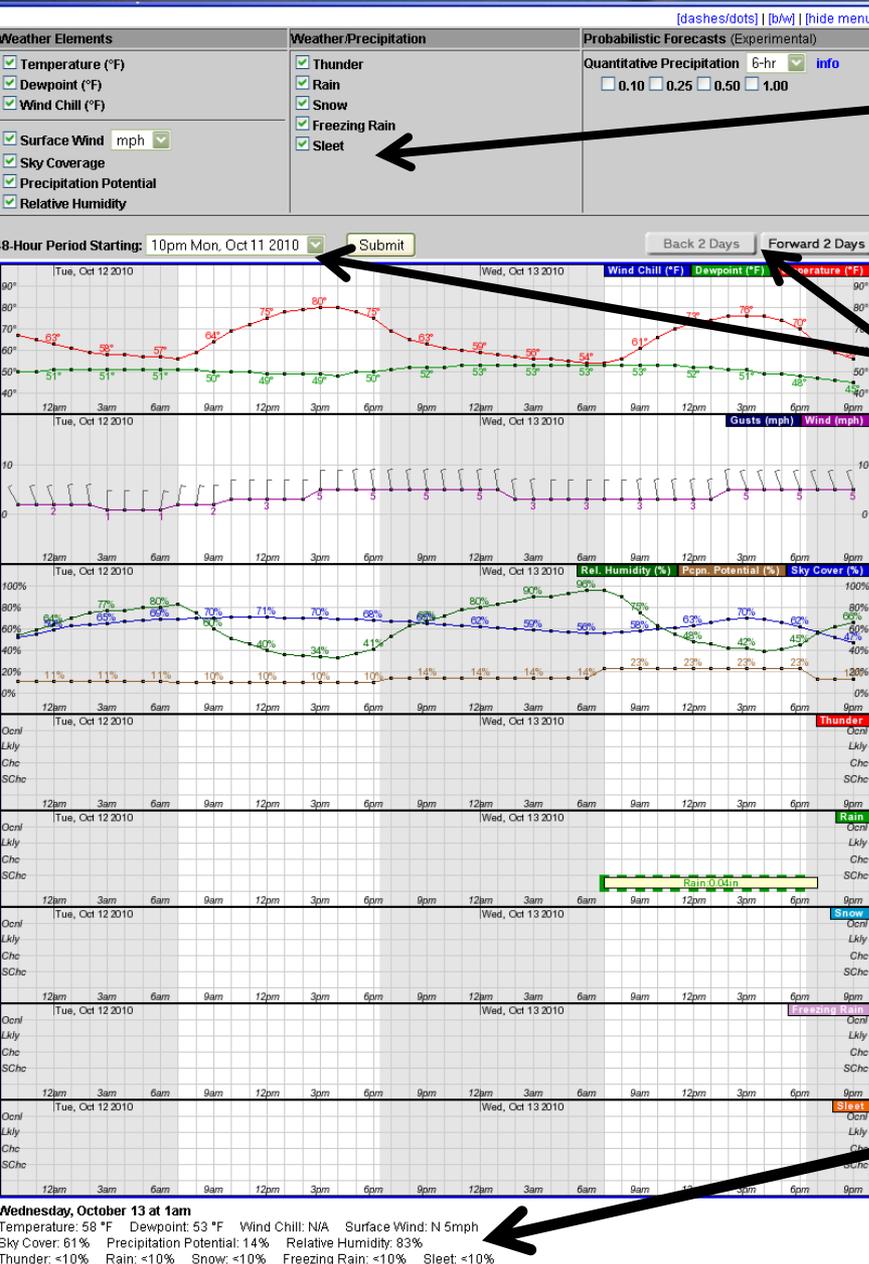
Webmaster
NOAA's National Weather Service
Paducah, KY

Disclaimer
Credits
Glossary

Privacy Policy
About Us
Career Opportunities



Hourly Weather Graph



- Simply click to check a certain weather element on or off to see it displayed in the graph below.
- It starts with the first 48 hours of the forecast. You can move forward or back 2 days at a time, or pick a time to start the 48 hour forecast.
- As you roll your mouse on the graph, a readout of the information will be displayed below the graph. To be able to see this readout easier, choose less elements on the graph to display.

NATIONAL WEATHER SERVICE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 U.S. DEPARTMENT OF COMMERCE

HOME FORECAST - PAST WEATHER - WEATHER SAFETY - INFORMATION CENTER - NEWS - SEARCH - ABOUT -

GET LOCAL FORECAST
 Enter location: Go
 Location Help

NEWS
 Winter makes late-season return to Northeast, rain and thunderstorms possible across Texas and Gulf Coast
 Although astronomical spring officially begins Friday evening, it will feel more the winter across much of the Northeast. Winter Weather Advisories are in effect from northern Virginia to southern New England, with 3-6 inches of snow possible for some locations. Meanwhile, heavy rain and thunderstorms are forecast across southern Texas and the Gulf Coast.
 Read More

CURRENT CONDITIONS En Español
 Share | Facebook | Twitter | YouTube

45°F
 7°C

Fog/Mist
 Humidity: 90%
 Wind Speed: 14 ft mph
 Barometer: 30.16 in (1021.4 mb)
 Dewpoint: 42°F (6°C)
 Visibility: 6.00 mi
 Wind Chill: 41°F (5°C)
 Last update on: 20 Mar 8:52 am CDT

Current conditions at Southern Illinois Airport (KMDH)
 Lat: 37.78°N Lon: 89.25°W Elev: 400ft
 More Local Wx | 3 Day History | Mobile Weather

3 MILES WSW CARBONDALE IL For More Weather Information: Paducah, KY Local Forecast Office

7 Day Forecast

Today	Tonight	Saturday	Saturday Night	Sunday	Sunday Night	Monday	Monday Night	Tuesday
High: 54°F	Low: 41°F	High: 69°F	Low: 43°F	High: 64°F	Low: 38°F	High: 66°F	Low: 42°F	High: 63°F

DETAILED FORECAST

Today	Clouds then gradually becoming mostly sunny, with a high near 56. North-northwest wind 5 to 7 mph.
Tonight	Partly cloudy, with a low around 41. Light south-southeast wind.
Saturday	Mostly sunny, with a high near 69. West-southwest wind 3 to 6 mph.
Saturday Night	Partly cloudy, with a low around 43. Light and variable wind.
Sunday	Mostly sunny, with a high near 64. East-northeast wind 3 to 8 mph.
Sunday Night	Partly cloudy, with a low around 38. East-northeast wind around 7 mph.
Monday	Mostly sunny, with a high near 65. East wind around 6 mph.
Monday Night	Partly cloudy, with a low around 42. East wind around 8 mph.
Tuesday	A slight chance of showers. Partly sunny, with a high near 65. East wind 5 to 10 mph becoming south in the afternoon.
Tuesday Night	A chance of showers and thunderstorms. Mostly cloudy, with a low around 54. South wind around 10 mph.
Wednesday	A chance of showers and thunderstorms. Mostly cloudy, with a high near 65. South-southwest wind 9 to 13 mph, with gusts as high as 18 mph.
Wednesday Night	A chance of showers and thunderstorms. Mostly cloudy, with a low around 44. Southeast wind 5 to 8 mph becoming northwest after midnight.
Thursday	A slight chance of rain. Partly sunny, with a high near 55. North-northwest wind 7 to 10 mph.

ADDITIONAL FORECASTS AND INFORMATION

ZONE ARE A FORECAST FOR JACKSON COUNTY, IL

Forecast Discussion	Hourly Weather Graph	Air Quality Forecasts
Printable Forecast	Tabular Forecast	International System of Units
Text Only Forecast	Quick Forecast	About Point Forecasts

Hazardous Weather Regional Weather Conditions Past Weather Information Home

RADAR & SATELLITE IMAGES

HOURLY WEATHER GRAPH

NATIONAL DIGITAL FORECAST DATABASE

High Temperature Chance of Precipitation

NWS Graphical Forecast Maps

From the Point and Click forecast page, there is also a link to forecast graphics:

National Oceanic and Atmospheric Administration's National Weather Service

Site Map News

Home > Graphical Forecasts > Central Mississippi Valley

A proposed replacement of the National Weather Service Graphical Forecast Page is available at preview.weather.gov/graphical/. Comments are encouraged and can be done by taking our survey.

Warnings & Forecasts Graphical Forecasts National Maps Radar Water Air Quality Satellite Climate

Graphical Forecasts - Central Mississippi Valley

Daily View Weekly View Loops

Mouse over the table below to change the forecast image.

Max/Min Temperature	High
Probability of Precip.	12 hr. probability
Weather	8am 11am 2pm 5pm
Hazards	8am 11am 2pm 5pm
Temperature	8am 11am 2pm 5pm
Dewpoint	8am 11am 2pm 5pm
Wind Speed & Direction	8am 11am 2pm 5pm
Wind Gust	8am 11am 2pm 5pm
Sky Cover	8am 11am 2pm 5pm
Amount of Precip.	QPF QPF
Snow Amount	Snow Amount Snow Amount
Ice Accumulation	6hr Ice 6hr Ice
Wave Height	Wave Height Wave Height
Apparent Temperature	8am 11am 2pm 5pm
Relative Humidity	8am 11am 2pm 5pm

Next Image

Overview

Public Marine Fire Weather Tropical Hazardous

Zoom Out

Go to Region View Images Get Text Forecast

High Temperature(F) Ending Fri Mar 20 2015 8PM EDT (Sat Mar 21 2015 00Z)

National Digital Forecast Database
 14z issuance Graphic created-Mar 20 10:14AM EDT



NWS Graphical Forecasts: How to use

National Oceanic and Atmospheric Administration's
National Weather Service

Site Map News

Home > Graphical Forecasts > Central Mississippi Valley

NEW
A proposed replacement of the National Weather Service Graphical Forecast Page is available at preview.weather.gov/graphical/. Comments are encouraged and can be done by taking our survey.

Warnings & Forecasts | Graphical Forecasts | National Maps | Radar | Water | Air Quality | Satellite | Climate

Public Marine | Fire Weather | Tropical | Hazardous

Zoom Out

Graphical Forecasts - Central Mississippi Valley

Daily View | Weekly View | Loops

Image List | Page Help | Metric Units | Key

Go to Region | View Images | Get Text Forecast

Mouse over the table below to change the forecast image.

Today	<-12hrs	+12hrs>
Max/Min Temperature	High	
Probability of Precip.	12 hr. probability	
Weather	8am	11am 2pm 5pm
Hazards	8am	11am 2pm 5pm
Temperature	8am	11am 2pm 5pm
Dewpoint	8am	11am 2pm 5pm
Wind Speed & Direction	8am	11am 2pm 5pm
Wind Gust	8am	11am 2pm 5pm
Sky Cover	8am	11am 2pm 5pm
Amount of Precip.	QPF	QPF
Snow Amount	Snow Amount	Snow Amount
Ice Accumulation	8hr Ice	8hr Ice
Wave Height	Wave Height	Wave Height
Apparent Temperature	8am	11am 2pm 5pm
Relative Humidity	8am	11am 2pm 5pm
Next Image	<	>

High Temperature (F) Ending Fri Mar 20 2015 8PM EDT
(Sat Mar 21 2015 00Z)

National Digital Forecast Database
14z issuance Graphic created-Mar 20 10:14AM EDT

Overview

To find out what the forecast is for any of the weather elements, simply hover your mouse over the weather element and the forecast will display to the right.

In this example, the mouse was hovering over **HIGH**, and today's high was displayed as a graphic to the right.

NWS Graphical Forecasts: How to use

You can look at 3 different views:
DAILY, WEEKLY and LOOP.

- **DAILY:**
- This is the default setting.
- Click +/- 12 hrs to move the time back or forward.
- “Next Image” (at the bottom of the chart) can be used to see one element change with time..

National Oceanic and Atmospheric Administration's
National Weather Service

Site Map News

Home > Graphical Forecasts > Central Mississippi Valley

A proposed replacement of the National Weather Service Graphical Forecast Page is available at preview.weather.gov/graphical/. Comments are encouraged and can be done by taking our survey.

Warnings & Forecasts Graphical Forecasts National Maps Radar Water Air Quality Satellite Climate

Graphical Forecasts - Central Mississippi Valley

Public Marine Fire Weather Tropical Hazardous

Zoom In Zoom Out

Image List Page Help Metric Units Keys

Go to Region View Images Get Text Forecast

Mouse over the table below to change the forecast image.

Today	<-12hrs	+12hrs>
Max/Min Temperature	High	
Probability of Precip.	12 hr. probability	
Weather	8am	11am 2pm 5pm
Hazards	8am	11am 2pm 5pm
Temperature	8am	11am 2pm 5pm
Dewpoint	8am	11am 2pm 5pm
Wind Speed & Direction	8am	11am 2pm 5pm
Wind Gust	8am	11am 2pm 5pm
Sky Cover	8am	11am 2pm 5pm
Amount of Precip.	QPF	QPF
Snow Amount	Snow Amount	Snow Amount
Ice Accumulation	6hr Ice	6hr Ice
Wave Height	Wave Height	Wave Height
Apparent Temperature	8am	11am 2pm 5pm
Relative Humidity	8am	11am 2pm 5pm
Next Image	<<	>>

High Temperature (F) Ending Fri Mar 20 2015 8PM EDT (Sat Mar 21 2015 00Z)

National Digital Forecast Database
1st Issuance Graphic created-Mar 20 10:14AM EDT

Overview

NWS Graphical Forecasts: How to use

National Oceanic and Atmospheric Administration's
National Weather Service

Site Map News

Home > Graphical Forecasts > Central Mississippi Valley

NEW
A proposed replacement of the National Weather Service Graphical Forecast Page is available at preview.weather.gov/graphical/. Comments are encouraged and can be done by taking our survey.

Warnings & Forecasts Graphical Forecasts National Maps Radar Water Air Quality Satellite Climate

Public Marine Fire Weather Tropical Hazardous

Zoom Out

Graphical Forecasts - Central Mississippi Valley

Daily View Weekly View Loops

Image List Page Help Metric Units Key

Go to Region View Images Get Text Forecast

Element Period	High/Low Temperature	Probability of Precip.	Weather
Today	High	PoP12	8am 11am 2pm 5pm
Tonight	Low	PoP12	8pm 11pm 2am 5am
Saturday	High	PoP12	8am 11am 2pm 5pm
Saturday Night	Low	PoP12	8pm 11pm 2am 5am
Sunday	High	PoP12	8am 11am 2pm 5pm
Sunday Night	Low	PoP12	8pm 2am
Monday	High	PoP12	8am 2pm
Monday Night	Low	PoP12	8pm 2am
Tuesday	High	PoP12	8am 2pm
Tuesday Night	Low	PoP12	8pm 2am
Wednesday	High	PoP12	8am 2pm
Wednesday Night	Low	PoP12	8pm 2am
Thursday	High	PoP12	8am 2pm

Predominant Weather For Mon Mar 23 2015 2AM EDT
(Mon Mar 23 2015 06Z)

National Digital Forecast Database
12z issuance Graphic created-Mar 20 8:22AM EDT

More →

You can look at 3 different views:
DAILY, WEEKLY and a LOOP.

WEEKLY: Provides an entire week of forecasts for a few weather elements at a time.

• Click Previous/More arrows at the either the top or the bottom of each table to see different forecast weather elements, or click on "Expand" to show more forecast elements.

NWS Graphical Forecasts: How to use

National Oceanic and Atmospheric Administration's
National Weather Service

Site Map News

Home > Graphical Forecasts > Central Mississippi Valley

NEW!
A proposed replacement of the National Weather Service Graphical Forecast Page is available at preview.weather.gov/graphical/. Comments are encouraged and can be done by taking our [survey](#).

Warnings & Forecasts | Graphical Forecasts | National Maps | Radar | Water | Air Quality | Satellite | Climate

Public Marine Forecast Tropical Hazardous

Zoom In | Zoom Out

Graphical Forecasts - Central Mississippi Valley

Daily View | Weekly View | **Loops**

Image List | Page Help | Metric Units | Key

Go to Region | View Images | Get Text Forecast

Forecast Element
Maximum Temperature

Element Period
Today

Looping Control
|| ◀ ▶ ||

Loop Speed
- +

Overview

High Temperature (F) Ending Fri Mar 20 2015 8PM EDT
(Sat Mar 21 2015 00Z)

National Digital Forecast Database
14z issuance Graphic created-Mar 20 10:14AM EDT

You can look at 3 different views:
DAILY, WEEKLY and a **LOOP.**

LOOPS: Loop through one weather element at a time through the next 7 days.

- Select a Forecast Element by using the pull-down menu
- Next, you can select the Element Period where your loop starts, or, you can utilize the Looping
- The speed rate of the looping can be controlled by pressing the "-" or "+" button several times.

NWS Graphical Forecasts: How to use

National Oceanic and Atmospheric Administration's
National Weather Service

Site Map News

Home > Graphical Forecasts > Central Mississippi Valley

Graphical Forecasts - Central Mississippi Valley

Public
Marine
Fire Weather
Tropical
Hazardous

Zoom Out

Go to Region: Eastern States

View Images Get Text Forecast

Mouse over the table below to change the forecast image:

Today	<-12Hrs	+12Hrs>
Max/Min Temperature	High	
Probability of Precip.	12 hr. probability	
Weather	8am	11am 2pm 5pm
Hazards	8am	11am 2pm 5pm
Temperature	8am	11am 2pm 5pm
Dewpoint	8am	11am 2pm 5pm
Wind Speed & Direction	8am	11am 2pm 5pm
Wind Gust	8am	11am 2pm 5pm
Sky Cover	8am	11am 2pm 5pm
Amount of Precip.	QPF	QPF
Snow Amount	Snow Amount	Snow Amount
Ice Accumulation	6hr Ice	6hr Ice
Wave Height	Wave Height	Wave Height
Apparent Temperature	8am	11am 2pm 5pm
Relative Humidity	8am	11am 2pm 5pm

Next Image

Overview

High Temperature (F) Ending Fri Mar 20 2015 8PM EDT (Sat Mar 21 2015 00Z)
National Digital Forecast Database
14z issuance Graphic created-Mar 20 10:14AM EDT

Click on “Go To Region”, if you would like to see a different region of the country.

-OR-

Simply click the “Zoom Out” button or the arrows to move beyond the NWS Paducah’s forecast area.

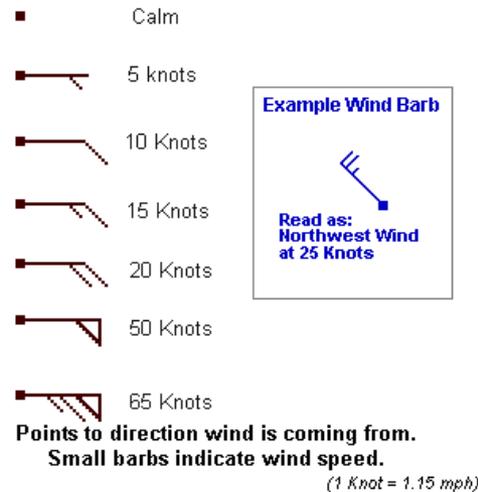
Alabama	Eastern States
Arkansas	Western States
Connecticut	CONUS Area
Delaware	Central Great Lakes
Florida	Central Miss. Valley
Georgia	Central Plains
Indiana	Central Rockies
Kentucky	East Great Lakes
Louisiana	Mid Atlantic
Maine	Northeast
Maryland	Northeast Metro
Massachusetts	Northern Plains
Michigan	Northern Rockies
Mississippi	Pacific Northwest
New Hampshire	Pacific Southwest
New Jersey	Southeast
New York	South Miss. Valley
North Carolina	Southern Plains
Ohio	Southern Rockies
Pennsylvania	Upper Miss. Valley
Rhode Island	Guam
South Carolina	Hawaii
Tennessee	Puerto Rico
Vermont	
Virginia	
West Virginia	

NWS Graphical Forecasts: How to decipher

National Digital Forecast Database Graphical Forecast Weather Legend

	None
Rain	
	L, R, RW, T Drizzle, Rain, Rain Showers, Thunderstorms
Severe	
	T+ Severe Thunderstorms
Wintry Mix	
	R / S Rain / Snow Mix
Ice	
	IP, ZL, ZR Sleet, Freezing Drizzle, Freezing Rain
Snow	
	SW, S Snow Showers, Snow
Obstructions To Vision	
	F Fog
	H Haze
	K Smoke
	BS, BD Blowing Snow, Blowing Dust
Weather Intensity: - Light + Heavy	
Weather Probability: Darker shades indicate higher probability	

Wind Speed & Direction



Element Definitions:

Maximum/Minimum Temperature (High/Low)
12-hr Probability of Precipitation (PoP12)
Weather (Wx)
Temperature (T) and Wind
Dewpoint Temperature (Td)
Sky Cover
Precipitation Amount (QPF)
Snow Amount
Significant Wave Height

This key may help you decipher what the colors mean when looking at the weather graphics.

Instructions on how to read the wind speed and direction are also displayed here.

NWS Activity Planner

The screenshot shows the National Weather Service website for Paducah, KY. At the top, there is a navigation bar with links for HOME, FORECAST, PAST WEATHER, WEATHER SAFETY, INFORMATION CENTER, NEWS, SEARCH, and ABOUT. Below this is a search box for local forecasts by city, state, or ZIP code. The main content area features a 'Home' section with a 'Customize Your Weather.gov' sidebar on the left. A red arrow points to the 'Forecasts' link in the navigation bar. Below the navigation bar is a map of the Paducah area with a legend for 'Watches, Warnings & Advisories' showing 'Flood Warning' in green and 'Hazardous Weather Outlook' in yellow. The map is titled 'Click on the map below to zoom in.' and includes a 'Zoom Out' button. At the bottom of the page, there are three smaller maps: 'Weather Story', 'Local Radar', and 'Weather Map'. The footer contains social media links for Twitter, Facebook, and YouTube, along with an RSS feed link.

The Activity Planner allows you to produce a forecast for general planning purposes.

It can be found under the “FORECASTS” link.

NWS Activity Planner

[English Units - Click to Change]

Element	Min	Max	Element	Min	Max
Temperature (°F)	78	to 88	Surface Wind Direction		to
Relative Humidity	20	to 25	Sky Cover		to
Surface Wind Speed (mph)	5	to 8	Precipitation Potential		to



Last Updated: Mon, Oct. 11 2010 8:13 PM

Read watches, warnings & advisories **Zoom Out**

Flood Warning

Hazardous Weather Outlook

Short Term Forecast

Latitude/Longitude Entry
 decimal degrees (i.e. 42.134) or deg min sec (i.e. 42 23 34)

Latitude:

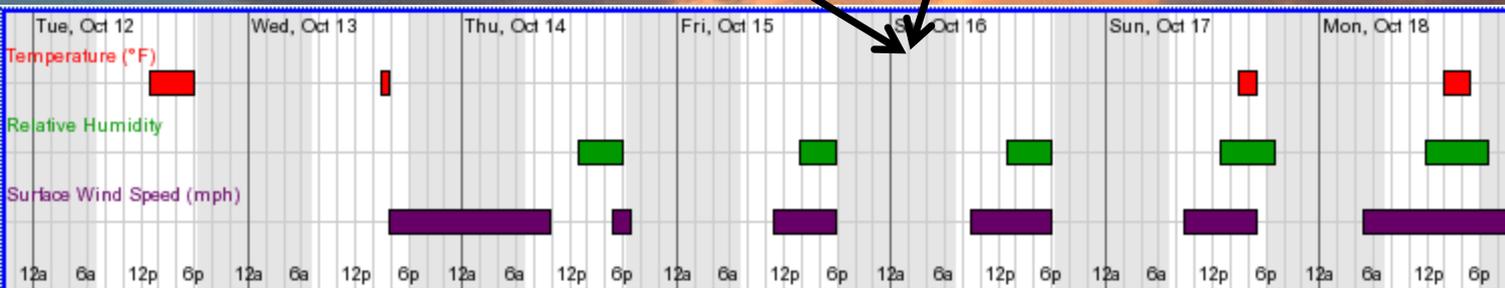
Longitude:

Use "-" (negative sign) in longitude for locations in Western Hemisphere

•The “Element” determines which weather parameters you want to know about.

•Then, either click your location on the map or enter the specific latitude and longitude and hit submit.

•The graph displayed will tell you when those elements meet your needs.



Tuesday, October 12 at 7pm

Temperature: 70 °F Surface Wind: W 3mph

Relative Humidity: 51 %

Hazardous weather condition(s):

Hazardous Weather Outlook

48-hr Element Meteorogram

NWS Forecast Products

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

HOME FORECAST PAST WEATHER WEATHER SAFETY INFORMATION CENTER NEWS SEARCH ABOUT

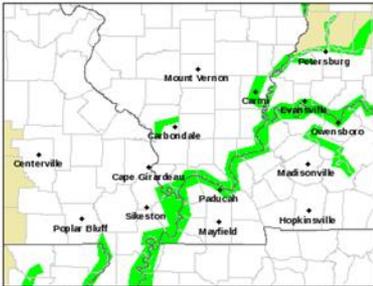
Local forecast by
City, ST or ZIP code
Enter location
[Location Help](#)

Home Paducah, KY
Weather Forecast Office

[Weather.gov](#) > Paducah, KY

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

Click on the map below to zoom in.



Watches, Warnings & Advisories

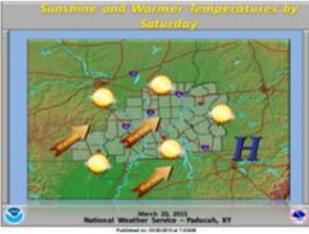
Flood Warning

Hazardous Weather Outlook

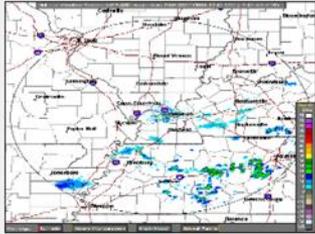
Zoom In Zoom Out

Last Map Update: Fri, Mar. 20, 2015 at 8:49:22 am CDT

Sunshine and Warmer temperatures by Saturday



Weather Story



Local Radar



Weather Map

Follow us on Twitter Follow us on Facebook Follow us on YouTube PAH RSS Feed

Also under the “FORECASTS” menu is a tool called User Defined Area Forecasts...

NWS Forecast Products

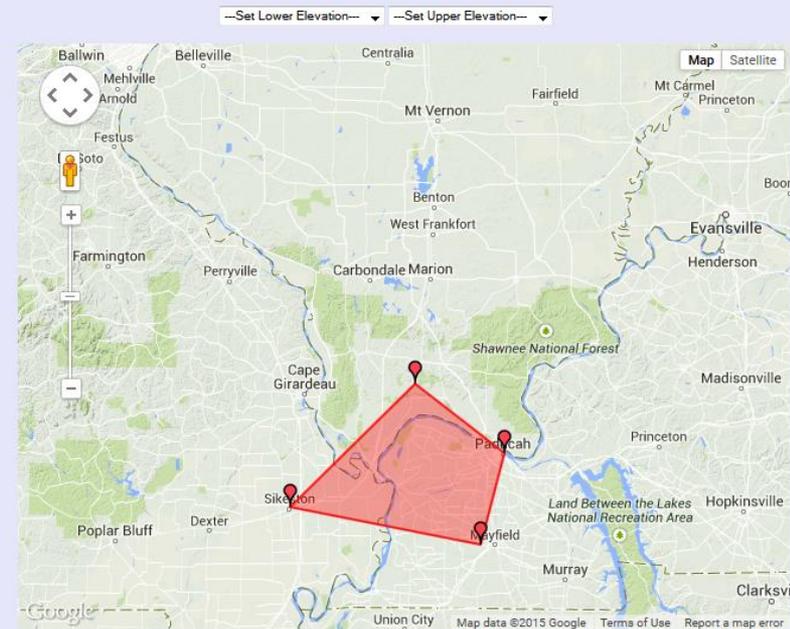


National Weather Service Forecast User Defined Area Forecast Paducah, KY

Experimental Product: [Description](#) | [Survey](#)

This page allows a user to get a forecast for an area they design. An area is created by clicking on the map and placing markers on the map to create a polygon. The forecast returned will be an average forecast for the entire area.

- Click on map to set each marker.
- There must be at least 3 markers to make an area.
- All markers are draggable and removable (click on a marker to remove it).
- Elevation limits (upper and lower) can be set using the drop down menus.
- Once an area is defined, click on "Get Area Forecast".
- To start over, click Clear Map.
- *Note: Grids that fall within Marine areas will not be included in calculations.*



Get Area Forecast

Clear Map



US Dept of Commerce
National Oceanic and Atmospheric Administration
National Weather Service

Web Master's Email: w-nws.webmaster@noaa.gov

[Disclaimer](#)
[Information Quality](#)
[Help](#)
[Glossary](#)

[Privacy Policy](#)
[Freedom of Information Act \(FOIA\)](#)
[About Us](#)
[Career Opportunities](#)

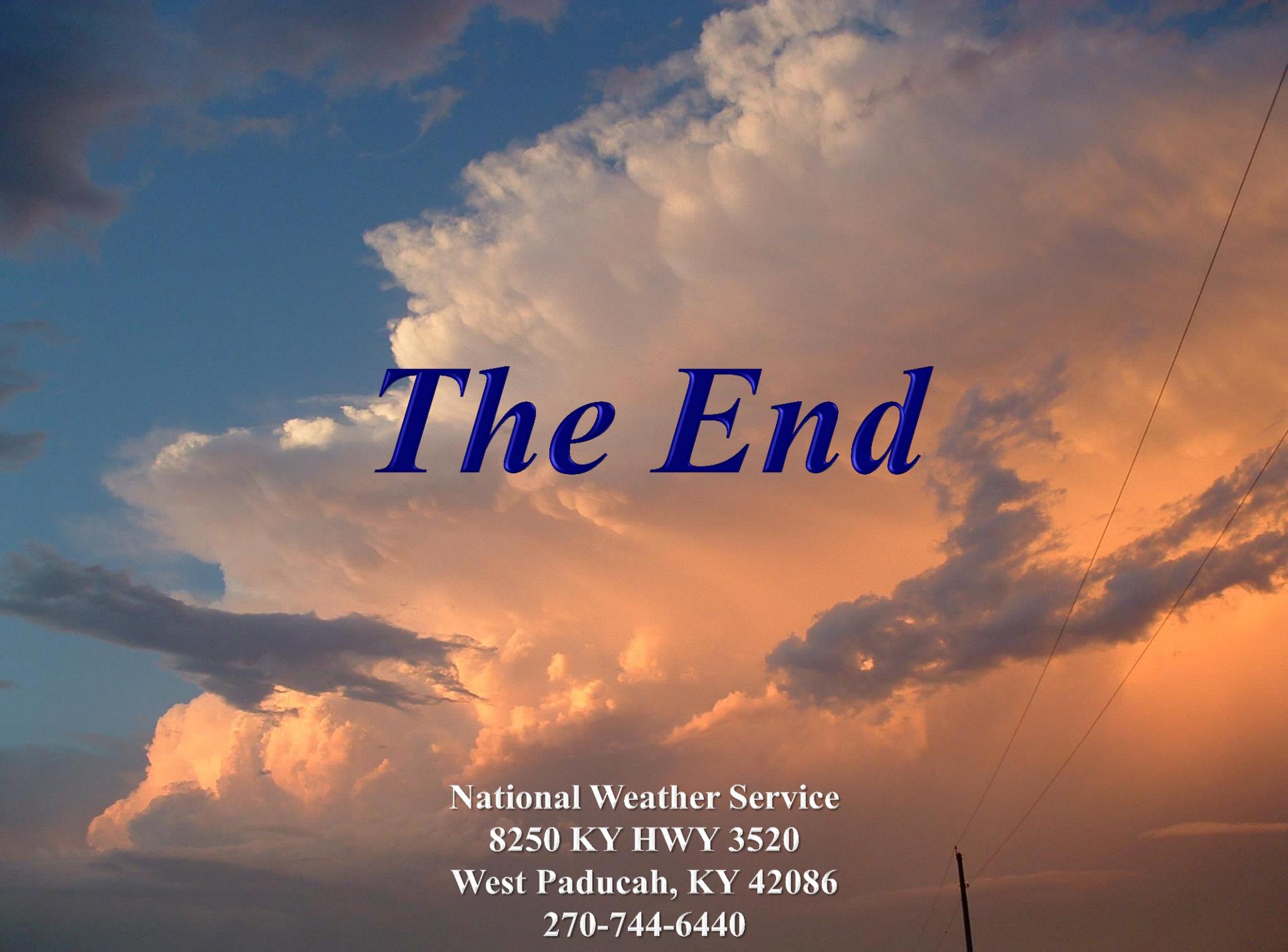
Follow the directions to create a forecast for the area you choose.

But what if I want a forecast for somewhere other than NWS Paducah's forecast area?

The easiest way is to enter the city/state or zipcode into this box on our homepage and click Go.

You could also use the arrows or zoom out feature here, and then use the point & click method shown earlier.

The screenshot shows the National Weather Service website for Paducah, KY. At the top, the NWS logo and "NATIONAL WEATHER SERVICE" are displayed, along with the "NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION" tagline. A navigation bar includes links for HOME, FORECAST, PAST WEATHER, WEATHER SAFETY, INFORMATION CENTER, NEWS, SEARCH, and ABOUT. Below the navigation bar, there is a section for "Local forecast by 'City, ST' or ZIP code" with a text input field and a "Go" button. To the right of this is a "Home" section for Paducah, KY, with a "Weather.gov" link. Below that are links for "Current Hazards", "Current Conditions", "Radar", "Forecasts", "Rivers and Lakes", "Climate and Past Weather", and "Local Information". A central map area is titled "Click on the map below to zoom in." and shows a map of the Paducah area with various weather features. To the right of the map are controls for "Watches, Warnings, Advisories" and "Zoom Out". Below the map is a "Flood Warning" and "Hazardous Weather Outlook" section. At the bottom of the page, there are three panels: "Sunshine and Warmer Temperatures by Saturday", "Local Radar", and "Weather Map". The footer includes social media links for Twitter, Facebook, and YouTube, and a "PAH RSS Feed" link.



The End

**National Weather Service
8250 KY HWY 3520
West Paducah, KY 42086
270-744-6440**