

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 myriad of ways you can obtain this information in many different forms.**
- ***When working on the forecast, NWS forecasters spend most of their time manipulating data for several weather elements over the course of the next 7 days.***
- ***Each local NWS forecast office generates a complete digital forecast database (grids) for their area of responsibility. These digital databases are available on the internet.***



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 Weather Forecast Office
Paducah, KY

Home Site Map News Organization Search for: NWS All NOAA Go

Local forecast by "City, ST" or Zip Code

XML RSS Feeds
 Current Hazards
 Watches/Warnings
 Outlooks
 Submit Report
 Current Conditions
 Observations
 Radar
 Satellite
 Observed Precip
 Forecasts
 Forecast Discussion
 Local Area
 Activity Planner
 Aviation Weather
 Fire Weather
 Marine Weather
 Severe Weather
 Winter Weather
 Hurricane Center
 Hydrology
 Rivers & Lakes
 Climate
 Local
 National
 Drought
 More...
 Weather Safety
 Preparedness
 Weather Radio
 StormReady
 SkyWarn
 Additional Info
 Items of Interest
 Education Resources
 Coop Observer
 Top News Archives
 Our Office
 Contact Us

Top News of the Day
 Latest drought information statement as of Oct. 8
 Burn bans are in effect for some local communities

Watches & Warnings Observations Forecast Graphics Rivers & Lakes Climate Local Overview

Click on the map below for the latest forecast.

Read watches, warnings & advisories
 Zoom Out
 Flood Warning
 Hazardous Weather Outlook
 Short Term Forecast

Last map update: Mon, Oct. 11, 2010 at 5:41:45 pm CDT

Weather Story Radar Satellite Weather Map

Drought & Fire Weather Information
 Visit the [Local Overview](#) tab at top of the page for more on the latest weather situation.

FORECAST-AT-A-GLANCE
 PADUCAH
 Tonight Tuesday Tuesday Wednesday Wednesday Thursday

Your National Weather Service forecast
 2 Miles S Marion IL

Enter your "City, ST" or zip code

NWS Paducah, KY
 Point Forecast: 2 Miles S Marion IL
 37.71°N 88.92°W
 Mobile Weather Information | En Español
 Last Update: 8:44 pm CDT Oct 11, 2010
 Forecast Valid: 10pm CDT Oct 11, 2010-6pm CDT Oct 18, 2010

Forecast at a Glance

Tonight	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night
Mostly Cloudy Lo 55 °F	Mostly Cloudy Hi 81 °F	Mostly Cloudy Lo 53 °F	20% Slight Chc Showers Hi 78 °F	Partly Cloudy Lo 44 °F	Sunny Hi 68 °F	Clear Lo 41 °F	Sunny Hi 72 °F	Clear Lo 41 °F

Detailed 7-day Forecast
 Hazardous weather condition(s):
Hazardous Weather Outlook
 Tonight: Mostly cloudy, with a low around 55. Calm wind.
 Tuesday: Mostly cloudy, with a high near 81. Calm wind becoming north around 5 mph.
 Tuesday Night: Mostly cloudy, with a low around 53. North wind between 3 and 5 mph.
 Wednesday: A 20 percent chance of showers. Partly sunny, with a high near 78. North northwest wind between 3 and 5 mph.
 Wednesday Night: Partly cloudy, with a low around 44. North northwest wind around 5 mph.
 Thursday: Sunny, with a high near 68. North northwest wind between 3 and 11 mph.
 Thursday Night: Clear, with a low around 41. Light west northwest wind.
 Friday: Sunny, with a high near 72. Calm wind becoming west between 4 and 7 mph.
 Friday Night: Clear, with a low around 41. South southwest wind around 5 mph becoming calm.
 Saturday: Sunny, with a high near 76. South southwest wind between 3 and 6 mph.
 Saturday Night: Clear, with a low around 47. Light south southwest wind.
 Sunday: Sunny, with a high near 78. Southwest wind between 3 and 6 mph.
 Sunday Night: Mostly clear, with a low around 50. Southwest wind around 5 mph becoming calm.
 Monday: Sunny, with a high near 78. South southwest wind between 5 and 9 mph.

Current Conditions [Move Down] view Yesterday's Weather
 Marion Regional
 Lat: 37.78 Lon: -89 Elev: 472
 Last Update on Oct 11, 8:45 pm CDT
 Humidity: 38 %
 Wind Speed: SE 3 MPH
 Barometer: 29.85"
 Dewpoint: 47 °F (9 °C)
 Visibility: 10.00 mi.
 More Local Wx: 3 Day History

Radar and Satellite Images

Detailed Point Forecast [Move Up]
 Click Map for Forecast Disclaimer
 Map Satellite Terrain
 Colp, Herrin, Whitesch, Pittsburg, Spillertown
 Carterville, Energy, Spillertown
 Crainville, Spillertown
 Crab Orchard Lake
 New Burnside
 Creal Springs
 Requested Location Forecast Area
 Lat:Lon: 37.71°N 88.92°W Elevation:436 ft
 XML

National Digital Forecast Database

Additional Forecasts & Information
 Zone Area Forecast for Williamson County, IL
 Forecast Discussion Air Quality Forecasts
 Printable Forecast Text Only Forecast
 Hourly Weather Graph Tabular Forecast
 Quick Forecast
 International System of Units About Point Forecasts
 Hazardous Weather Regional Weather Conditions
 Past Weather Information Home

For A More Detailed Hourly Forecast

From the Point and Click forecast, there is a link on the bottom right hand corner of the page called Hourly Weather Graph.

with a high near 70. North northwest wind between 3 and 5 mph.

Wednesday Night: Partly cloudy, with a low around 44. North northwest wind around 5 mph.

Thursday: Sunny, with a high near 68. North northwest wind between 3 and 11 mph.

Thursday Night: Clear, with a low around 41. Light west northwest wind.

Friday: Sunny, with a high near 72. Calm wind becoming west between 4 and 7 mph.

Friday Night: Clear, with a low around 41. South southwest wind around 5 mph becoming calm.

Saturday: Sunny, with a high near 76. South southwest wind between 3 and 6 mph.

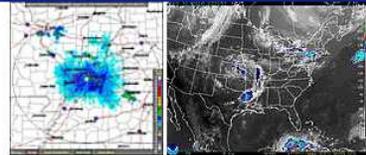
Saturday Night: Clear, with a low around 47. Light south southwest wind.

Sunday: Sunny, with a high near 78. Southwest wind between 3 and 6 mph.

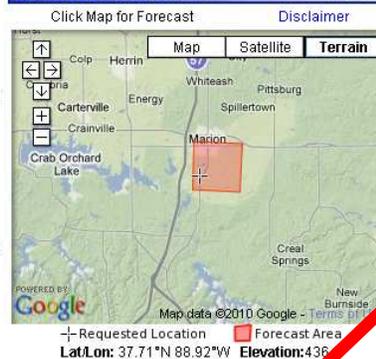
Sunday Night: Mostly clear, with a low around 50. Southwest wind around 5 mph becoming calm.

Monday: Sunny, with a high near 78. South southwest wind between 5 and 9 mph.

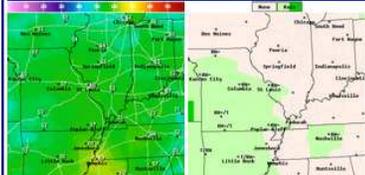
Radar and Satellite Images



Detailed Point Forecast [Move Up]

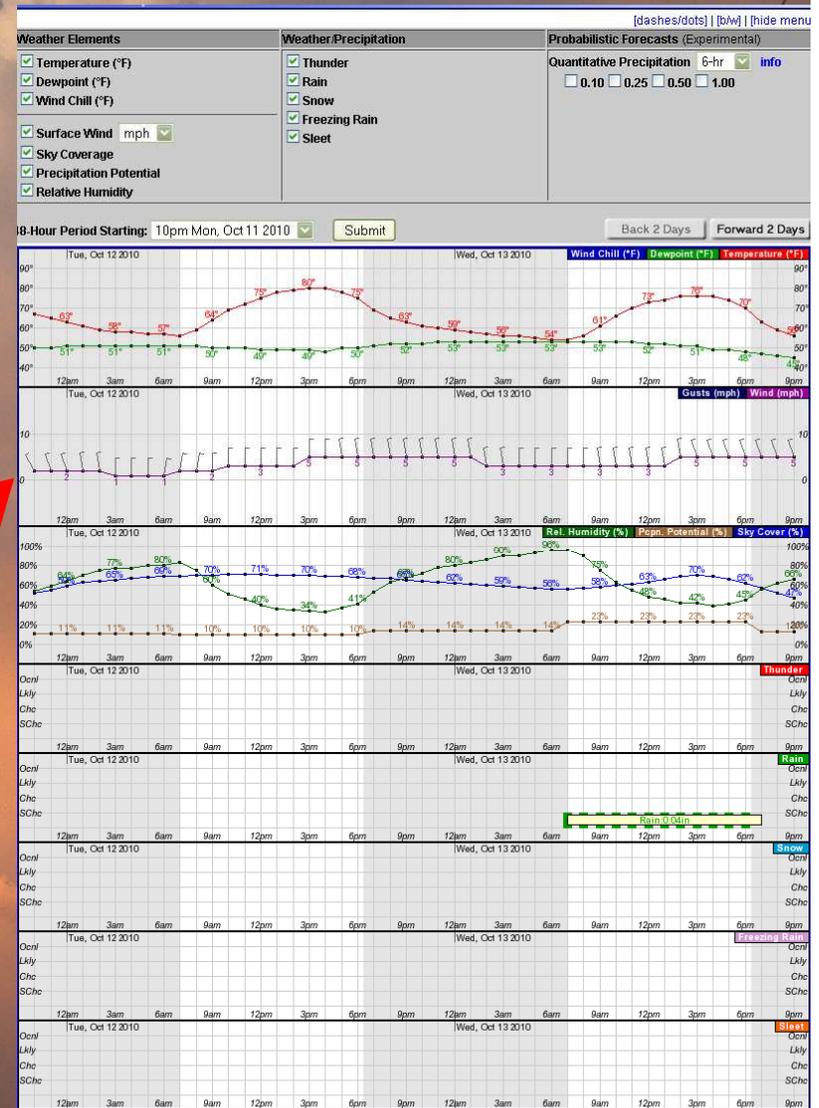


National Digital Forecast Database



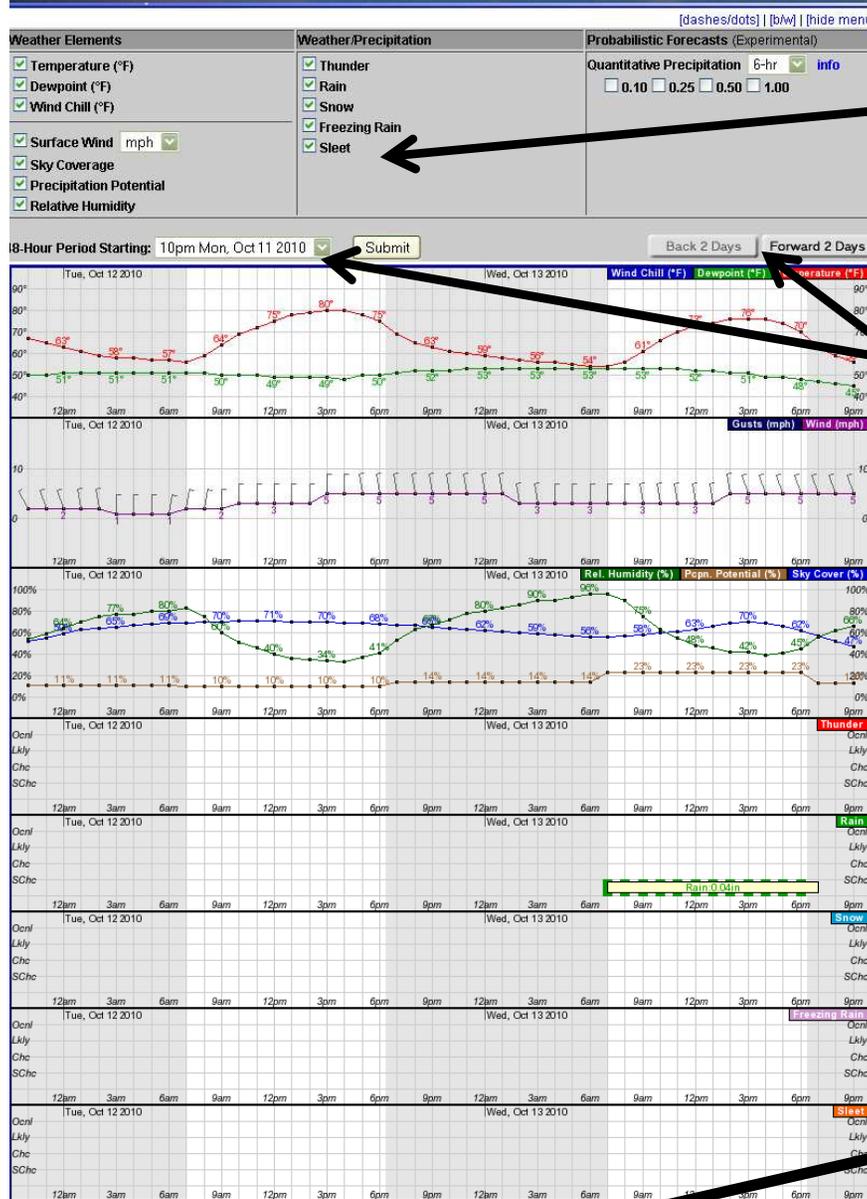
Additional Forecasts & Information

- Zone Area Forecast for Williamson County, IL
- Forecast Discussion
- Point and Click Forecast
- Hourly Weather Graph**
- Text Only Forecast
- Tabular Forecast
- Quick Forecast
- International System of Units
- About Point Forecasts
- Hazardous Weather
- Regional Weather Conditions
- Past Weather Information
- Home



Wednesday, October 13 at 1am
Temperature: 58 °F Dewpoint: 53 °F Wind Chill: N/A Surface Wind: N 5mph
Sky Cover: 61% Precipitation Potential: 14% Relative Humidity: 83%
Thunder: <10% Rain: <10% Snow: <10% Freezing Rain: <10% Sleet: <10%

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.

Wednesday, October 13 at 1am
Temperature: 58 °F Dewpoint: 53 °F Wind Chill: NA Surface Wind: N 5mph
Sky Cover: 61% Precipitation Potential: 14% Relative Humidity: 83%
Thunder: <10% Rain: <10% Snow: <10% Freezing Rain: <10% Sleet: <10%

NWS Graphical Forecast Maps

The screenshot shows the National Weather Service website for Paducah, KY. The page features a navigation menu with tabs for 'Watches & Warnings', 'Observations', 'Forecast Graphics', 'Rivers & Lakes', 'Climate', and 'Local Overview'. A red arrow points to the 'Forecast Graphics' tab. Below the navigation menu is a map of the Paducah area with various weather icons and a legend. The legend includes 'Flood Warning' (green), 'Hazardous Weather Outlook' (yellow), and 'Short Term Forecast' (green). The map is titled 'Click on the map below for the latest forecast.' and includes a 'Last map update: Mon, Oct. 11, 2010 at 5:41:45 pm CDT'.

Local forecast by
"City, St" or Zip Code
City, St

XML RSS Feeds

Current Hazards
Watches/Warnings
Outlooks
Submit Report

Current Conditions
Observations
Radar
Satellite
Observed Precip

Forecasts
Forecast Discussion
Local Area
Activity Planner
Aviation Weather
Fire Weather
Marine Weather
Severe Weather
Winter Weather
Hurricane Center

Hydrology
Rivers & Lakes

Climate
Local
National
Drought
More...

Weather Safety
Preparedness
Weather Radio
StormReady
SkyWarn

Additional Info
Items of Interest
Education Resources
Coop Observer
Top News Archives
Our Office
Contact Us

Top News of the Day
Latest drought information statement as of Oct. 8
Burn bans are in effect for some local communities

Navigation: Home Site Map News Organization Search for: NWS All NOAA Go

Forecast Graphics Tab: Read watches, warnings & advisories; Zoom Out; Flood Warning; Hazardous Weather Outlook; Short Term Forecast

Map: Click on the map below for the latest forecast. Last map update: Mon, Oct. 11, 2010 at 5:41:45 pm CDT

Weather Story Radar Satellite Weather Map

Drought & Fire Weather Information
Visit the [Local Overview tab](#) atop the page for more on the latest weather situation.

FORECAST-AT-A-GLANCE
PADUCAH
Tonight Tuesday Wednesday Thursday

From the NWS Paducah homepage, simply click on the Forecast Graphics tab.

NWS Graphical Forecasts: How to use

National Oceanic and Atmospheric Administration
National Weather Service
WORKING TOGETHER TO SAVE LIVES

Site Map News Organization

Home > Graphical Forecasts > Paducah, KY

This map shows forecasts normally updated every hour. This is a product of the National Digital Forecast Database, produced by NOAA's National Weather Service. Public comments and suggestions are encouraged.

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

Graphical Forecasts - Paducah, KY

Public Fire Weather

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	High			
Max/Min Temperature	High			
Probability of Precip.	12 hr. probability			
Weather	7am	10am	1pm	4pm
Temperature	7am	10am	1pm	4pm
Dewpoint	7am	10am	1pm	4pm
Sky Cover	7am	10am	1pm	4pm
Amount of Precip.	QPF	QPF		
Snow Amount	Snow Amount	Snow Amount		
Apparent Temperature	7am	10am	1pm	4pm
Relative Humidity	7am	10am	1pm	4pm
Wind Speed & Direction	7am	10am	1pm	4pm
Wind Gust	7am	10am	1pm	4pm
Next Image	◀	▶		

High Temperature(F) Ending Mon Oct 11 2010 9PM CDT
(Tue Oct 12 2010 02Z)
NWS Paducah, KY
Graphic Created Oct 11 6:04PM CDT

Table MouseOver Effect On

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.

By default, the mouseover effect is ON. If you set it to OFF, you will need to click on the element.

NWS Graphical Forecasts: How to use

National Oceanic and Atmospheric Administration
National Weather Service
WORKING TOGETHER TO SAVE LIVES

Site Map News Organization

Home > Graphical Forecasts > Paducah, KY

This map shows forecasts normally updated every hour. This is a product of the National Digital Forecast Database, produced by NOAA's National Weather Service. Public comments and suggestions are encouraged.

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

Graphical Forecasts - Paducah, KY

Public Fire Weather

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	7am	10am	1pm 4pm
Temperature	7am	10am	1pm 4pm
Dewpoint	7am	10am	1pm 4pm
Sky Cover	7am	10am	1pm 4pm
Amount of Precip.	QPF	QPF	
Snow Amount	Snow Amount	Snow Amount	
Apparent Temperature	7am	10am	1pm 4pm
Relative Humidity	7am	10am	1pm 4pm
Wind Speed & Direction	7am	10am	1pm 4pm
Wind Gust	7am	10am	1pm 4pm
Next Image	◀	▶	

Table MouseOver Effect On

High Temperature (F) Ending Mon Oct 11 2010 9PM CDT
(Tue Oct 12 2010 02Z)
NWS Paducah, KY
Graphic Created Oct 11 6:04PM CDT

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..

NWS Graphical Forecasts: How to use

National Oceanic and Atmospheric Administration
National Weather Service
WORKING TOGETHER TO SAVE LIVES

Site Map News Organization

Home > Graphical Forecasts > Paducah, KY

This map shows forecasts normally updated every hour. This is a product of the National Digital Forecast Database, produced by NOAA's National Weather Service. Public comments and suggestions are encouraged.

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

Graphical Forecasts - Paducah, KY

Public Fire Weather

Daily View Weekly View Loops

Image List Page Help Metric Units Key

Element Period	High/Low Temperature	Probability of Precip.	Weather
Tonight	Low	PoP12	7pm 10pm 1am 4am
Tuesday	High	PoP12	7am 10am 1pm 4pm
Tuesday Night	Low	PoP12	7pm 10pm 1am 4am
Wednesday	High	PoP12	7am 10am 1pm 4pm
Wednesday Night	Low	PoP12	7pm 10pm 1am 4am
Thursday	High	PoP12	7am 10am 1pm 4pm
Thursday Night	Low	PoP12	7pm 1am
Friday	High	PoP12	7am 1pm
Friday Night	Low	PoP12	7pm 1am
Saturday	High	PoP12	7am 1pm
Saturday Night	Low	PoP12	7pm 1am
Sunday	High	PoP12	7am 1pm
Sunday Night	Low	PoP12	7pm 1am
Monday	High	PoP12	7am 1pm

More

Table MouseOver Effect On

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
National Weather Service
WORKING TOGETHER TO SAVE LIVES

Site Map News Organization

Home > Graphical Forecasts > Paducah, KY

This map shows forecasts normally updated every hour. This is a product of the National Digital Forecast Database, produced by NOAA's National Weather Service. Public comments and suggestions are encouraged.

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

Graphical Forecasts - Paducah, KY

Public Fire Weather Zoom Out

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
Tomorrow

Looping Control
||< < < < > > > > ||

Loop Speed
- +

10 20 30 40 50 60 70 80 90

St. Louis Union Salen Spencer Vincennes
Hunt. Vernon Huntington
Sparta Evansville
Reola Farmington Carbondale Buena Vista
Cape Girardeau Paducah
West Plains Poplar Bluff Fort Campbell AAF
Union City

Low Temperature(F) Ending Tue Oct 12 2010 10AM CDT
(Tue Oct 12 2010 15Z)
NWS Paducah, KY
Graphic Created Oct 11 8:07PM CDT

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
National Weather Service
WORKING TOGETHER TO SAVE LIVES

Site Map News Organization

Home > Graphical Forecasts > Paducah, KY

This map shows forecasts normally updated every hour. This is a product of the National Digital Forecast Database, produced by NOAA's National Weather Service. Public comments and suggestions are encouraged.

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

Graphical Forecasts - Paducah, KY

Public Fire Weather

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	7am	10am 1pm 4pm
Temperature	7am	10am 1pm 4pm
Dewpoint	7am	10am 1pm 4pm
Sky Cover	7am	10am 1pm 4pm
Amount of Precip.	QPF	QPF
Snow Amount	Snow Amount	Snow Amount
Apparent Temperature	7am	10am 1pm 4pm
Relative Humidity	7am	10am 1pm 4pm
Wind Speed & Direction	7am	10am 1pm 4pm
Wind Gust	7am	10am 1pm 4pm
Next Image	⏪	⏩

Table MouseOver Effect On

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 use

The screenshot shows the NOAA National Weather Service website. At the top, the NOAA logo and the text "National Oceanic and Atmospheric Administration National Weather Service WORKING TOGETHER TO SAVE LIVES" are visible. Below this is a navigation bar with "Site Map", "News", and "Organization". The main content area is titled "Graphical Forecasts - Paducah, KY". It features a "Public First Weather" button and a "Zoom Out" button. A red arrow points to the "Get Text Forecast" button. Below the main content area, there are three ways to get the forecast: "Click On Image", "Enter a City and State", and "Enter a Latitude, Longitude". Each method includes a "Get Forecast" button. The "Click On Image" method shows a map of the region with a color scale from 10 to 90. The "Enter a City and State" method has fields for "City/Town:" and "State:" with a dropdown menu. The "Enter a Latitude, Longitude" method has fields for "Latitude:" and "Longitude:". At the bottom, there are radio buttons for "Return to Weekly View" and "Get Forecast".

If you click on the button labeled “Get Text Forecast”, there are three options:

Click On Image:

Simply click on the image to the right to obtain the forecast for that point.

Enter a City and State:

Type in the city or town and then select the state from the pull down menu and then click “Get Forecast”.

Enter a Latitude, Longitude:

Enter your lat/lon and then click “Get Forecast”.

NWS Graphical Forecasts: How to decipher

National Digital Forecast Database Graphical Forecast Key

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

	Calm
	5 knots
	10 Knots
	15 Knots
	20 Knots
	50 Knots
	65 Knots

Example Wind Barb



Barbs point to direction wind is coming from.

(1 Knot = 1.15 mph)

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

National Weather Service Weather Forecast Office
Paducah, KY

Home Site Map News Organization Search for: NWS All NOAA Go

Local forecast by "City, St" or Zip Code
City, St Go

XML RSS Feeds

Current Hazards
Watches/Warnings
Outlooks
Submit Report

Current Conditions
Observations
Radar
Satellite
Observed Precip

Forecasts
Forecast Discussion
Activity Planner

Weather
Fire Weather
Marine Weather
Severe Weather
Winter Weather
Hurricane Center

Hydrology
Rivers & Lakes

Climate
Local
National
Drought
More...

Weather Safety
Preparedness
Weather Radio
StormReady
SkyWarn

Additional Info
Items of Interest
Education Resources
Coop Observer
Top News Archives
Our Office
Contact Us

Top News of the Day

- Latest drought information statement as of Oct. 8
- Burn bans are in effect for some local communities

Watches & Warnings Observations Forecast Graphics Rivers & Lakes Climate Local Overview

Click on the map below for the latest forecast.



Read watches, warnings & advisories

Zoom Out

Flood Warning
Hazardous Weather Outlook
Short Term Forecast

Last map update: Mon, Oct. 11, 2010 at 5:41:45 pm CDT

Weather Story Radar Satellite Weather Map

Drought & Fire Weather Information

Visit the [Local Overview tab](#) at top of page for more on the latest weather situation.

FORECAST-AT-A-GLANCE

PADUCAH

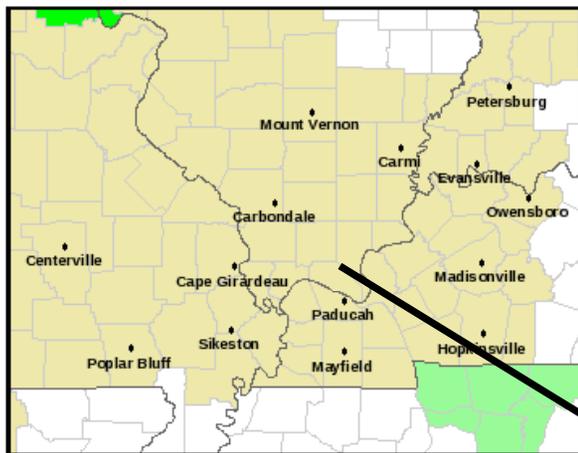
Tonight	Tuesday	Tuesday	Wednesday	Wednesday	Thursday
---------	---------	---------	-----------	-----------	----------

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

NWS Activity Planner

[English Units - Click to Change]

Element	Min	to	Max	Element	Min	to	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:

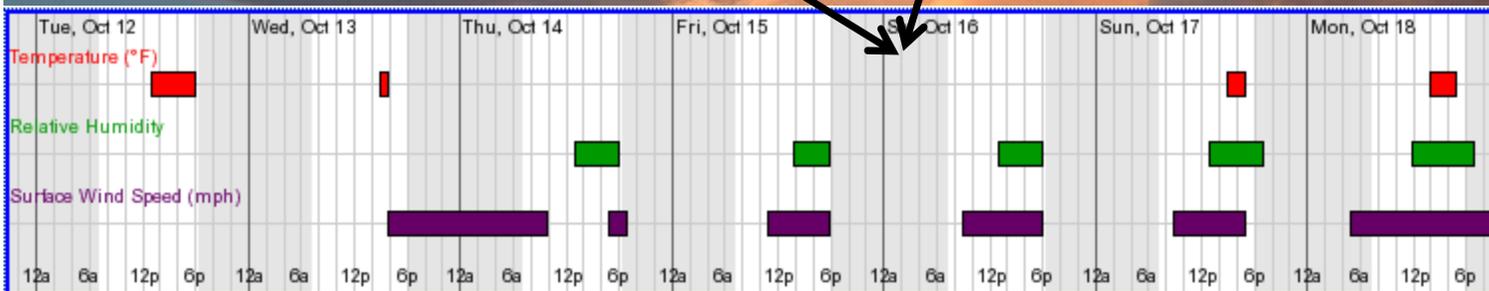
Longitude:

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 Weather Forecast Office
Paducah, KY

Home Site Map News Organization Search for: NWS All NOAA Go

Local forecast by "City, St" or Zip Code
City, St Go

XML RSS Feeds

Current Hazards
Watches/Warnings
Outlooks
Submit Report

Current Conditions
Observations
Radar
Satellite
Observed Precip

Forecasts
Forecast Discussion
Local Area

Activity Planner
Aviation Weather
Fire Weather
Marine Weather
Severe Weather
Winter Weather
Hurricane Center

Hydrology
Rivers & Lakes

Climate
Local
National
Drought
More...

Weather Safety
Preparedness
Weather Radio
StormReady
SkyWarn

Additional Info
Items of Interest
Education Resources
Coop Observer
Top News Archives
Our Office
Contact Us

Top News of the Day

- Latest drought information statement as of Oct. 8
- Burn bans are in effect for some local communities

Watches & Warnings Observations Forecast Graphics Rivers & Lakes Climate Local Overview

Click on the map below for the latest forecast.



Last map update: Mon, Oct. 11, 2010 at 5:41:45 pm CDT

Weather Story Radar Satellite Weather Map

Drought & Fire Weather Information

Visit the [Local Overview tab](#) at top of page for more on the latest weather situation.

FORECAST-AT-A-GLANCE

PADUCAH

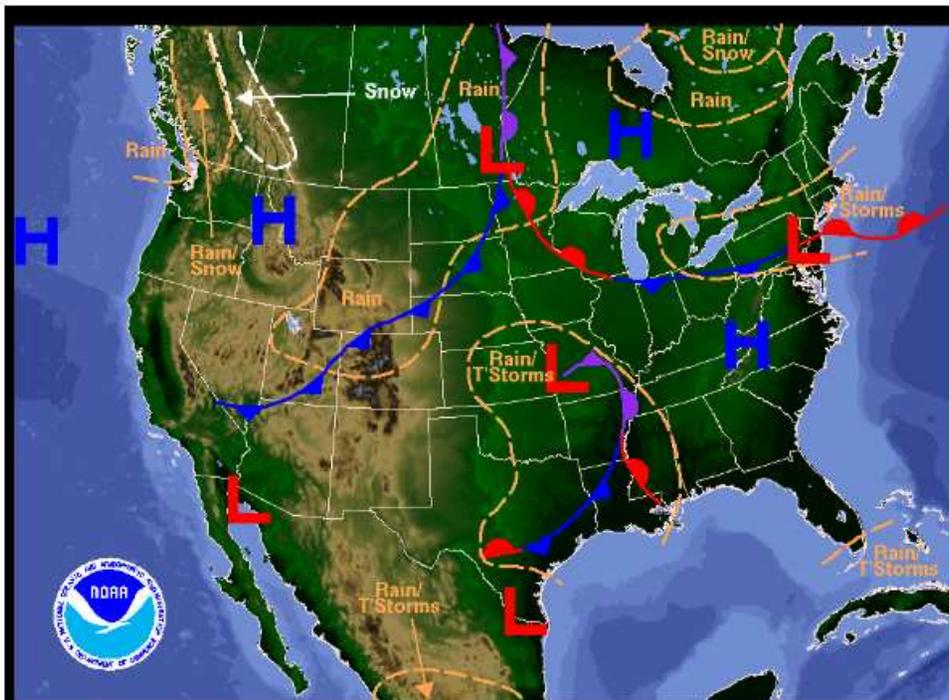
Tonight	Tuesday	Tuesday	Wednesday	Wednesday	Thursday
---------	---------	---------	-----------	-----------	----------

By clicking on the **Local Area** link under the **Forecasts** section, this will take you to our forecasts page, where you can obtain several formats of the forecast.

NWS Forecast Products

7-day County Zone Forecast newest 2 3 4 5 6 7 8 9 10	Regional Weather Summary newest 2 3 4 5 6 7 8 9 10
Area Forecast Discussion newest 2 3 4 5 6 7 8 9 10	Short-term forecast (issued only during inclement weather) newest 2 3 4 5 6 7 8 9 10
Area Forecast Matrices	Point Forecast Matrices (Interpretation guide)
Air Quality Forecasts (experimental)	
Information from the clickable map and menu formerly located here is available on our forecast images page .	

National SIGNIFICANT WEATHER MAP (click map for full size)



Weather Forecast for Mon, Oct 11, 2010, issued 9:29 PM EDT
DOC/NOAA/NWS/NCEP/Hydrometeorological Prediction Center
Prepared by Hamrick based on HPC, SPC, and TPC forecasts

There are three formats in which you can view the forecast:

7-day County Zone Forecast Product:

Highlights the expected sky condition, probability and type of precipitation, visibility restrictions, and temperature affecting each county for each 12-hour period out through 7 days.

Area Forecast Matrices (AFM):

Highly detailed forecast data broken down by county, in 3, 6, and 12-hour intervals through 7 days. This allows for an at-a-glance view of a large number of forecast elements.

Point Forecast Matrices (PFM):

Highly detailed forecast data for specific cities, in 3, 6, and 12-hour intervals through 7 days. This allows for an at-a-glance view of a large number of forecast elements.

NWS Forecast Products

National Weather Service Weather Forecast Office
Paducah, KY

weather.gov

Home Site Map News Organization Search for: NWS All NOAA Go

Local forecast by "City, St" or Zip Code
 City, St

[XML](#) [RSS Feeds](#)

Current Hazards
Watches/Warnings
Outlooks
Submit Report

Current Conditions
Observations
Radar
Satellite
Observed Precip

Forecasts
Forecast Discussion
Local Area
Activity Planner
Aviation Weather
Fire Weather
Marine Weather
Severe Weather
Winter Weather
Hurricane Center

Hydrology
Rivers & Lakes

Climate
Local
National
Drought
More...

Weather Safety
Preparedness
Weather Radio
StormReady
SkyWarn

Additional Info
Items of Interest
Education Resources
Coop Observer
Top News Archives
Our Office

Contact Us

Zone Forecast Product

Issued by NWS Paducah, KY

[Home](#) | [Current Version](#) | [Previous Version](#) | [Text Only](#) | [Print](#) | [Product List](#) | [Glossary On](#)
Versions: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#)

000
FPUS53 KPAH 120150 AAB
ZFPPAH

ZONE FORECAST PRODUCT...UPDATED
NATIONAL WEATHER SERVICE PADUCAH KY
850 PM CDT MON OCT 11 2010

KYZ005-120915-
MCCRACKEN-
INCLUDING THE CITIES OF...PADUCAH
850 PM CDT MON OCT 11 2010

.TONIGHT...PARTLY CLOUDY EARLY IN THE EVENING THEN BECOMING
MOSTLY CLOUDY. ISOLATED SHOWERS AND THUNDERSTORMS EARLY IN THE
EVENING. LOWS IN THE MID 50S. CALM WINDS. CHANCE OF PRECIPITATION
20 PERCENT.
.TUESDAY...MOSTLY CLOUDY WITH A 20 PERCENT CHANCE OF SHOWERS.
HIGHS IN THE LOWER 80S. CALM WINDS.
.TUESDAY NIGHT...MOSTLY CLOUDY WITH A 20 PERCENT CHANCE OF
SHOWERS. LOWS IN THE MID 50S. CALM WINDS IN THE EVENING BECOMING
NORTH AROUND 5 MPH AFTER MIDNIGHT.
.WEDNESDAY...PARTLY SUNNY WITH A 20 PERCENT CHANCE OF SHOWERS.
HIGHS IN THE UPPER 70S. NORTH WINDS AROUND 5 MPH.
.WEDNESDAY NIGHT...PARTLY CLOUDY. LOWS IN THE UPPER 40S. NORTH
WINDS AROUND 5 MPH.
.THURSDAY...SUNNY. HIGHS AROUND 70.
.THURSDAY NIGHT...CLEAR. LOWS IN THE LOWER 40S.
.FRIDAY...MOSTLY SUNNY. HIGHS IN THE MID 70S.
.FRIDAY NIGHT THROUGH MONDAY...CLEAR. LOWS 44 TO 50. HIGHS IN THE
UPPER 70S.

\$\$

INZ086-120915-
VANDERBURGH-
INCLUDING THE CITIES OF...EVANSVILLE
850 PM CDT MON OCT 11 2010

*7-day County Zone
Forecast Product:
The forecast is
averaged across the
entire county*

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, there's a search bar and navigation tabs for Home, Site Map, News, and Organization. Below the search bar, there's a section for 'Local forecast by' with a text input field for 'City, St' and a 'Go' button. To the right of the search bar, there are buttons for 'Watches & Warnings', 'Observations', 'Forecast Graphics', 'Rivers & Lakes', 'Climate', and 'Local Overview'. A map of the Paducah area is displayed, showing various locations like Mount Vernon, Petersburg, Carmel, Paducah, and Hopkinsville. A legend on the right side of the map includes 'Read watches, warnings & advisories' and 'Zoom Out'. Below the map, there's a section for 'Drought & Fire Weather Information' with a link to 'Local Overview tab'. At the bottom, there's a 'FORECAST-AT-A-GLANCE' section with a table for Paducah showing weather conditions for tonight, Tuesday, Wednesday, and Thursday.



The End

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