05 April 2009 Nowcasting: IN, IL, KY, TN, AL, GA

Posted by James1 - 2009/04/05 17:04

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Seems like supercells will be able to develop in these areas in the afternoon. A tornado watch has been issued:

URGENT - IMMEDIATE BROADCAST REQUESTED
TORNADO WATCH NUMBER 117
NWS STORM PREDICTION CENTER NORMAN OK
1145 AM CDT SUN APR 5 2009

THE NWS STORM PREDICTION CENTER HAS ISSUED A
TORNADO WATCH FOR PORTIONS OF

PARTS OF SOUTHERN ILLINOIS
MUCH OF SOUTHERN INDIANA
MUCH OF WESTERN AND CENTRAL KENTUCKY
SMALL PART OF SOUTHEAST MISSOURI
PARTS OF NORTHWEST TENNESSEE

TORNADOES...HAIL TO 2 INCHES IN DIAMETER...THUNDERSTORM WIND
GUSTS TO 80 MPH...AND DANGEROUS LIGHTNING ARE POSSIBLE IN THESE
AREAS.

THE TORNADO WATCH AREA IS APPROXIMATELY ALONG AND 85 STATUTE
MILES EAST AND WEST OF A LINE FROM 20 MILES NORTH NORTHEAST OF
BLOOMINGTON INDIANA TO 60 MILES SOUTHWEST OF CLARKSVILLE
TENNESSEE. FOR A COMPLETE DEPICTION OF THE WATCH SEE THE
ASSOCIATED WATCH OUTLINE UPDATE (WOUS64 KWNS WOU7).

DISCUSSION...STRONG S/WV TROUGH AND ASSOCIATED 100KT MID LEVEL JET
MAX WILL BE TRACKING INTO LOWER OH VALLEY THIS AFTERNOON. DEEPENING
SURFACE LOW MOVES ACROSS CENTRAL IL INTO IND WITH COLD FRONT
EXTENDING SSWWD INTO CENTRAL AR ATTM. LOW LEVEL MOISTURE INCREASING
IN WARM SECTOR ALONG WITH SURFACE HEATING WILL RAISE MLCAPES TO NEAR
1000 J/KG. SEVERE THUNDERSTORMS INCLUDING SUPERCELLS WILL DEVELOP
AHEAD OF SURFACE LOW AND COLD FRONT AND TRACK RAPIDLY ENEWD ACROSS
THE WATCH. IN ADDITION TO DAMAGING WINDS/HAIL...TORNADOES WILL BE
POSSIBLE...PARTICULARLY WITH ANY SUPERCELL THAT IS ABLE TO DEVELOP
IN WARM SECTOR.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009

Posted by James1 - 2009/04/05 17:58

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BULLETIN - EAS ACTIVATION REQUESTED
TORNADO WARNING

NATIONAL WEATHER SERVICE INDIANAPOLIS IN
154 PM EDT SUN APR 5 2009

THE NATIONAL WEATHER SERVICE IN INDIANAPOLIS HAS ISSUED A

* TORNADO WARNING FOR...
  NORTHERN DAVIESS COUNTY IN SOUTHWEST INDIANA...
  GREENE COUNTY IN SOUTHWEST INDIANA...
  NORTHEASTERN KNOX COUNTY IN SOUTHWEST INDIANA...

* UNTIL 245 PM EDT

* AT 152 PM EDT...NATIONAL WEATHER SERVICE DOPPLER RADAR INDICATED A
  SEVERE THUNDERSTORM CAPABLE OF PRODUCING A TORNADO NEAR
  EDWARDSPORT...OR 18 MILES NORTHEAST OF VINCENNES...MOVING NORTHEAST
  AT 50 MPH.

* OTHER LOCATIONS IN THE WARNING INCLUDE BUT ARE NOT LIMITED TO
  SANDBORN...ELNORA...LYONS...NEWBERRY...SWITZ CITY...BLOOMFIELD AND
  WORTHINGTON
Looks like the first supercell of the day. Firing up in Central indiana

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/05 18:21

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Statement as of 2:13 PM EDT on April 05, 2009

... A Tornado Warning remains in effect until 245 PM EDT for central
Greene County...

At 213 PM EDT... National Weather Service Doppler radar continued to
indicate a tornado. This tornado was located near Newberry... or 26
miles west of Bedford... moving northeast at 50 mph.

Other locations in the warning include but are not limited to
Bloomfield

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/05 18:35

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Tornado Warning for Green County has now been cancelled as of 2:31pm EDT. Looks as though the same storm that produced the tornado is on track for Indianapolis

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/05 18:58

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http://www.wunderground.com/US/IN/061.html

Judging by the direction the radar says the storm is moving, you may be getting a lightning show soon.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/05 19:28

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Hopefully it just looks pretty and dosen't do damage. It'd be great to see a supercell/tornado....just not when your home is in the way.

The first band of storms is looking like it may be a near miss to the north. But there's a few nasty looking storms crossing the Missouri-Illinois border that are farther south than the previous ones.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by James1 - 2009/04/05 20:10

_____

Again a lot of the storms are moving up the river. unfortunately for the residents here and in KY the sun is out and surface heating is occurring. The dewpoints are gonna be climbing. They think supercells are possible around here. Yeah and it wouldn't be good for a tornado to go through here. Too many hills and trees. Not like in Kansas or Oklahoma where it's flat and you see it coming.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by Charles L. - 2009/04/05 20:42

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James1 wrote:
Again a lot of the storms are moving up the river. unfortunately for the residents here and in KY the sun is out and surface heating is occurring. The dewpoints are gonna be climbing. They think supercells are possible around here. Yeah and it wouldn't be good for a tornado to go through here. Too many hills and trees. Not like in Kansas or Oklahoma where it's flat and you see it coming.

Same is occuring here also. Having the peaks of sun and our DP's are climbing and we are 55º or so. Would like it to reach 60º before the line gets here, and it could very well reach it. Line back towards Paducah, KY is showing signs of strengthning...would really like to see some discrete "iso-cells" pop-up and see if they can get going.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/05 20:51

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Looks as though the whole state of Indiana is covered by one big thunderstorm, lol

The watches haven't crossed the border to Ohio yet, so it seems you're ok for the time being. Still...it's more exciting than the usual rain we get here. It's a rare thing to even see a flash of lightning, maybe one storm a year.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by James1 - 2009/04/05 21:00

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The whole state is covered. Severe thunderstorm warning just east of Paducah, KY.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/05 21:25

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The second squall line now crossing the IL-KY border has been picking up intensity for a while now. It looks promising.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by James1 - 2009/04/05 21:29

_____

tornado warning north of me. It's headed for dayton.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by Cincychaser - 2009/04/05 21:31

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Since it's moving at 35mph I have a shot if I leave within the next 5min. I may go.....

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/05 21:32

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I'd reckon so. It appears as though it's beginning to merge with the first line, just south of Indianapolis. It stretches as far as Nasville, TN. So it's pretty much a sure thing that it'll be passing over you.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by James1 - 2009/04/05 21:34

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dude i wouldn't chase that myself. Besides by the time you get up to Dayton it'll probably have weakened. It's like an hour and a half drive.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/05 21:44

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A Tornado Warning remains in effect until 615 PM EDT for Union and southeastern Wayne counties in east central Indiana... and southwestern Preble County in west central Ohio...

At 539 PM EDT... National Weather Service Doppler radar continued to indicate a severe thunderstorm capable of producing a tornado. This dangerous storm was located near Brownsville... moving northeast at 35 mph. There have been several reports of funnel clouds from this storm near Laurel in northern Franklin County.

Locations impacted include...
Liberty and Richmond.

In addition... Brownsville... Philomath... Salem... Clifton... Cottage Grove... Abington... Goodwins Corner and Kitchel are near the path of this storm.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by James1 - 2009/04/05 22:06

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Not good. Another severe thunderstorm is down by louisville.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/05 22:13

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Update.....Statement as of 6:11 PM EDT on April 05, 2009

The National Weather Service in Wilmington has issued a

* Tornado Warning for...
southeastern Darke County in west central Ohio...
western Miami County in west central Ohio...
northern Montgomery County in west central Ohio...
Preble County in west central Ohio...

* until 700 PM EDT.

* At 608 PM EDT... storm spotters reported a funnel cloud north of Morning Sun. Radar indicated that the storm producing The Funnel cloud was located near West Florence... moving northeast at 40 mph.

* Locations impacted include...
Eaton...
West Alexandria...
Lewisburg...
Arcanum...
Trotwood...
Englewood...
West Milton...
Northridge...

In addition... New Hope... Wheatville... Oklahoma... Interstate 70 at US Route 127... Eldorado... West Manchester... Castine and Ithaca are near the path of this dangerous thunderstorm.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/05 22:16

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James1 wrote:
Not good. Another severe thunderstorm is down by louisville.

Looks pretty intense too

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/05 22:24

_____

lol. I never doubted.

Another line of thunderstorms developing over Illinois, so it's far from over.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by James1 - 2009/04/05 22:33

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It's darkening quickly (clouds getting darker). Severe T-storm getting closer.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/05 22:40

_____

Looks like you're about to meet the first of three squall lines. should be a good show

==========

Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/05 22:48

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Another Tornado Warning issued...

Statement as of 6:45 PM EDT on April 05, 2009

... A Tornado Warning remains in effect until 700 PM EDT for Preble... northern Montgomery... southeastern Darke and western Miami counties...

At 641 PM EDT... National Weather Service Doppler radar continued to indicate a severe thunderstorm capable of producing a tornado. This dangerous storm was located near Lewisburg... moving northeast at 30 mph.

A secondary thunderstorm just to the west of Eaton is also showing signs of rotation on Doppler radar. This storm was also moving northeast at 30 mph.

Locations impacted include...
Arcanum... Trotwood... Englewood... West Milton... Vandalia... Tipp City... Pleasant Hill and Northridge.

In addition... Verona... Brookville... Pitsburg... Phillipsburg... Potsdam... Garland... Laura and Fort McKinley are near the path of these storms.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by James1 - 2009/04/05 22:59

_____

Yeah that tornado warned storm will head right into Butler. Cincychaser you better be on this.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/05 23:04

_____

What's it doing out now? Let me know if you spot anything interesting.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/05 23:05

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Update.....Statement as of 7:00 PM EDT on April 05, 2009

... The Tornado Warning for Preble... northern Montgomery...
southeastern Darke and western Miami counties has expired...

The thunderstorm has weakened below severe limits... therefore the
Tornado Warning has been allowed to expire.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by James1 - 2009/04/05 23:06

_____

upper level shear and rotation inside the tornado warned storm. Headed past Brookville. Heavy rain here.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/05 23:08

_____

Just as I say that.....

Statement as of 7:03 PM EDT on April 05, 2009

... A Tornado Warning remains in effect until 730 PM EDT for Franklin County in southeast Indiana...

At 703 PM EDT... National Weather Service Doppler radar continued to indicate a severe thunderstorm capable of producing a tornado. This dangerous storm was located near Peppertown... moving northeast at 35 mph.

Locations impacted include...
Brookville.

In addition... Metamora... Cedar Grove... Mounds State Recreation Area... Mount Carmel and mixerville are near the path of this storm.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009

Posted by James1 - 2009/04/05 23:10

_____

Lots of rain. The storm is about 30 miles out from me. Dangerous situation unfolding here. It's nearly dark here. Well not really but like when a storm passes over and it's evening. anyone get what i'm saying?

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009

Posted by DaireGallagher - 2009/04/05 23:10

_____

And JUST AS I SAY THAT...lol

Statement as of 7:08 PM EDT on April 05, 2009

... The Tornado Warning for Franklin County in southeast Indiana has been cancelled...

The thunderstorm has weakened below severe limits... therefore the Tornado Warning has been cancelled.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009

Posted by DaireGallagher - 2009/04/05 23:14

_____

I get what you mean. Fortunatley, the storm apears to be weakening a lil bit where it's passing over you.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/05 23:20

_____

Yup, lol. Couple more Severe Thunderstorm Warnings up. Looks like they'll be coming close

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/05 23:25

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On another matter....Tornado watches issued for Central and Southern Alabama and Western Georgia

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/05 23:28

_____

I knew that second Squall Line was promising. Tornado Watches now issued all the way from Ohio to Tennessee.I think they've been out a while but I only just noticed, lol.

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Nowcasting in AL & GA 04-05-2009
Posted by DaireGallagher - 2009/04/05 23:40

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Statement as of 6:03 PM CDT on April 05, 2009

Tornado Watch 118 remains in effect until 100 am CDT for the
following locations

Al
. Alabama counties included are

Autauga Barbour Bullock
Butler Chambers Chilton
Coffee Conecuh Coosa
Covington Crenshaw Dale
Dallas Elmore Escambia
Geneva Henry Houston
Lee Lowndes Macon
Monroe Montgomery Pike
Russell Tallapoosa Wilcox

GA
. Georgia counties included are

Calhoun Chattahoochee Clay
early Harris Marion
Meriwether Miller Muscogee
Quitman Randolph Stewart
Talbot Terrell Troup
Webster

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/06 00:13

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More Thunderstorm Warnings farther south from a Squall Line of the same storm

649 PM CDT SUN APR 5 2009

THE NATIONAL WEATHER SERVICE IN NASHVILLE HAS ISSUED A* SEVERE THUNDERSTORM WARNING FOR... NORTHERN AND CENTRAL LAWRENCE COUNTY IN MIDDLE TENNESSEE...

THIS INCLUDES THE CITY OF LAWRENCEBURG...*

UNTIL 715 PM CDT* AT 647 PM CDT...

NATIONAL WEATHER SERVICE DOPPLER RADAR INDICATED A SEVERE THUNDERSTORM CAPABLE OF PRODUCING NICKEL SIZE HAIL.

THIS STORM WAS LOCATED 20 MILES WEST OF LAWRENCEBURG...OR 11 MILES SOUTHEAST OF WAYNESBORO...AND MOVING NORTHEAST AT 45 MPH.*

THE SEVERE THUNDERSTORM WILL BE NEAR... LAWRENCEBURG BY 710 PM CDT...

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009
Posted by DaireGallagher - 2009/04/06 00:41

_____

Tornado Warning Issued

Statement as of 7:36 PM CDT on April 05, 2009

The National Weather Service in Nashville has issued a

* Tornado Warning for...
Macon County in middle Tennessee...
this includes the city of Lafayette...

* until 800 PM CDT

* at 735 PM CDT... National Weather Service Doppler radar indicated a
severe thunderstorm capable of producing a tornado 8 miles
northwest of Lafayette... moving east at 35 mph.

* The tornado will be near...
Lafayette by 745 PM CDT...
Red Boiling Springs by 800 PM CDT...

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009

Posted by DaireGallagher - 2009/04/06 01:10

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Update....Torndo Warning Cancelled

Statement as of 7:55 PM CDT on April 05, 2009

... The Tornado Warning for southwestern Monroe and southeastern Allen
counties is cancelled...

The storm that was indicating a tornado on radar has weakened. Thus
the Tornado Warning has been cancelled.

A Tornado Watch remains in effect until midnight CDT Monday morning
for south central Indiana and Kentucky.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009

Posted by DaireGallagher - 2009/04/06 01:17

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New Tornado Warning in KY...

The National Weather Service in Louisville has issued a

* Tornado Warning for...
eastern Casey County in south central Kentucky...
southeastern Lincoln County in south central Kentucky...

* until 930 PM EDT...

* at 911 PM EDT... National Weather Service Doppler radar indicated a
severe thunderstorm capable of producing a tornado near
Bethelridge... moving east at 50 mph.

* Other locations in the warning include but are not limited to

Waynesburg

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009

Posted by DaireGallagher - 2009/04/06 01:21

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More Warnings...

Statement as of 9:14 PM EDT on April 05, 2009

The National Weather Service in Jackson KY
has issued a

* Tornado Warning for...
northern Laurel County in south central Kentucky...
northern Pulaski County in south central Kentucky...
Rockcastle County in south central Kentucky...
western Jackson County in southeast Kentucky...

* until 945 PM EDT

* at 914 PM EDT... National Weather Service Doppler radar indicated a
severe thunderstorm capable of producing a tornado 9 miles north of
Stab... or 17 miles northwest of Somerset... moving east at 60 mph.

* Locations impacted include...
Brodhead...
Cedarville...
Mount Vernon...
Science Hill...
Somerset.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009

Posted by DaireGallagher - 2009/04/06 01:29

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Doppler Radar indicates a Tornado on the ground

Statement as of 9:27 PM EDT on April 05, 2009

... A Tornado Warning remains in effect until 945 PM EDT for northern
Laurel... northern Pulaski... Rockcastle and western Jackson
counties...

At 923 PM EDT... National Weather Service Doppler radar continued to indicate a tornado. This tornado was located near Eubank... or 15 miles south of Stanford... moving east at 60 mph.

Other locations in the warning include but are not limited to Shopville... Mount Vernon... Science Hill... Somerset... billows... Oakley and Livingston.

In addition to the tornado... this storm is capable of producing small hail and destructive straight line winds.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009

Posted by DaireGallagher - 2009/04/06 01:35

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Tornado Update....

Statement as of 9:33 PM EDT on April 05, 2009

... A Tornado Warning remains in effect until 945 PM EDT for northern Laurel... northern Pulaski... Rockcastle and western Jackson counties...

At 933 PM EDT... National Weather Service Doppler radar continued to indicate a tornado. This tornado was located near ottowa... or 7 miles west of Mount Vernon... moving east at 60 mph.

The tornado will be near...
Muellersville... Renfro Valley... Lake Linville and Mount Vernon by 940 PM EDT...
Hummel... Orlando... Dudley station and bummer by 945 PM EDT...

In addition to the tornado... this storm is capable of producing penny size hail and destructive straight line winds. Pennsy size hail was reported in Science Hill around 9:30 PM.

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Re:Nowcasting for IN, IL, KY, TN April 5, 2009

Posted by DaireGallagher - 2009/04/06 01:51

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Tornado Warning expired....

Statement as of 9:46 PM EDT on April 05, 2009

... The Tornado Warning for northern Laurel... northern Pulaski...

Rockcastle and western Jackson counties has expired...

However... a Severe Thunderstorm Warning continues for portions of northern Laurel... northeastern Pulaski... Rockcastle... and Jackson counties until 1030 PM.

A Severe Thunderstorm Watch remains in effect until 200 am EDT Monday morning for eastern Kentucky.

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re: 05 April 2009 Nowcasting IN, IL, KY, TN, AL, GA

Posted by DaireGallagher - 2009/04/06 02:15

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Many Tornado Watches across Central and Eastern KY have now expired. However some still remain in the North and sevral Severe Thunderstorm Warnings/Watches apply in the East.

Tornado Watches still apply throught Central TN and Southern OH.

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re: 05 April 2009 Nowcasting IN, IL, KY, TN, AL, GA

Posted by DaireGallagher - 2009/04/06 03:35

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Cold air from the Great Lakes is begining to dominate the system and it has weakened. However, there is still thunderstorm activity in the Squall Line and it is capable of causing damage, but is less likely to generate a Tornado.

All Tornado Watches in OH and KY have expired, however some remain in central TN. There are also plenty of Severe Thunderstorm Watches/Warnings in the path of the Squall Line, tracking North-Easterly from TN, through KY and OH and finally WV.

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