

Severe Storm Outbreaks

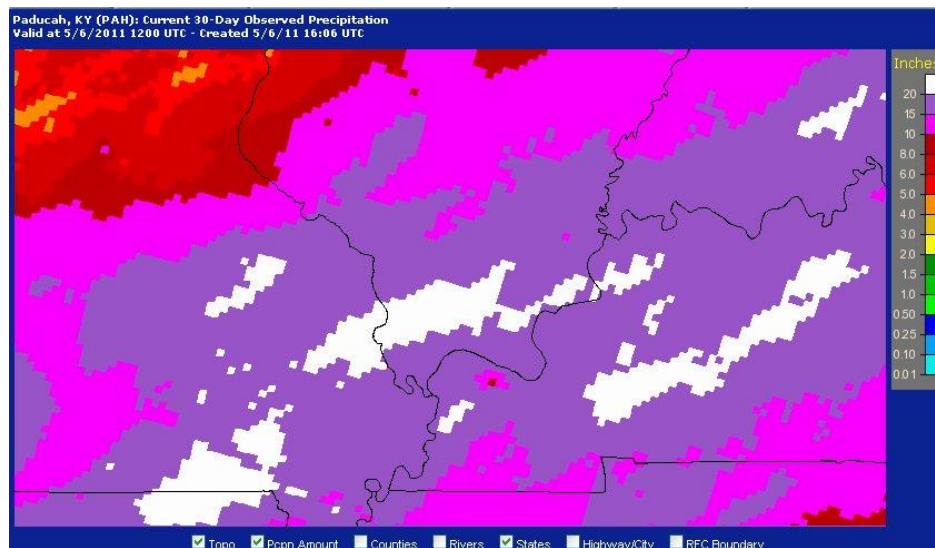
April 22-27, 2011

Daily rounds of severe storms and flash flooding plagued our region for nearly a full week at the end of April 2011. There was at least one tornado each day for six consecutive days. About two dozen tornadoes occurred during this six-day stretch, including one EF-3 and several EF-2 tornadoes. Information from the April 22, 24, and 26 events are also included.

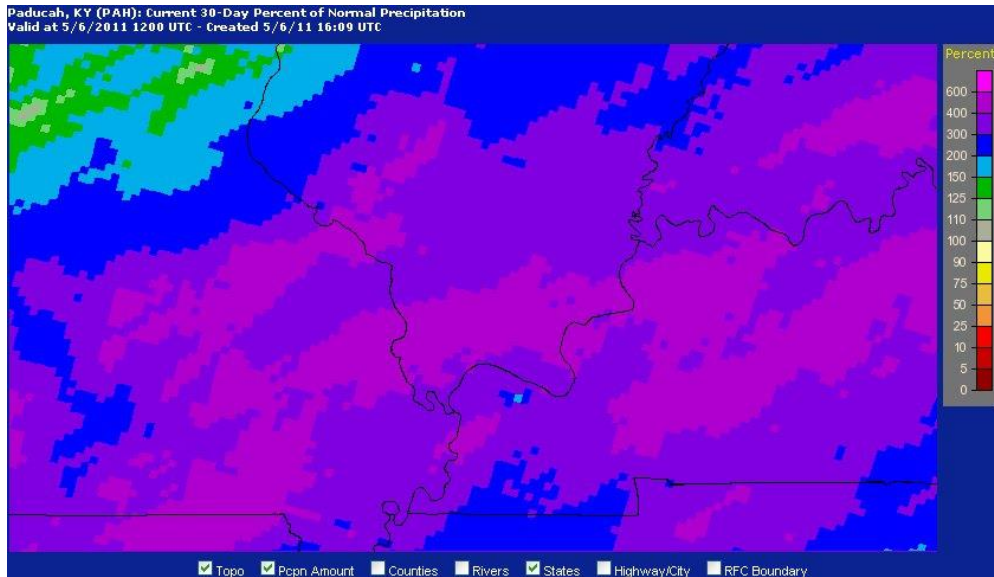
The total number of tornadoes in our county warning area for April 2011 is **41**. Four tornadoes occurred on April 4. **For the year, the total is 50**. During the period from 1980 to 2006, we average 8 tornadoes in our area during the entire month of April, according to the [Storm Prediction Center](#).

The previous highest number of tornadoes in the month of April for an area roughly the same size as our county warning area was 20, back in 2002. The second highest was 19 in 1972. The third highest was 16 which occurred in 1994, 1996, and 1998.

As of May 6, the region is beginning come out of an unbelievable weather pattern that brought severe weather and flooding to the area. Here is a map of rainfall from April 6 to May 6, 2011.

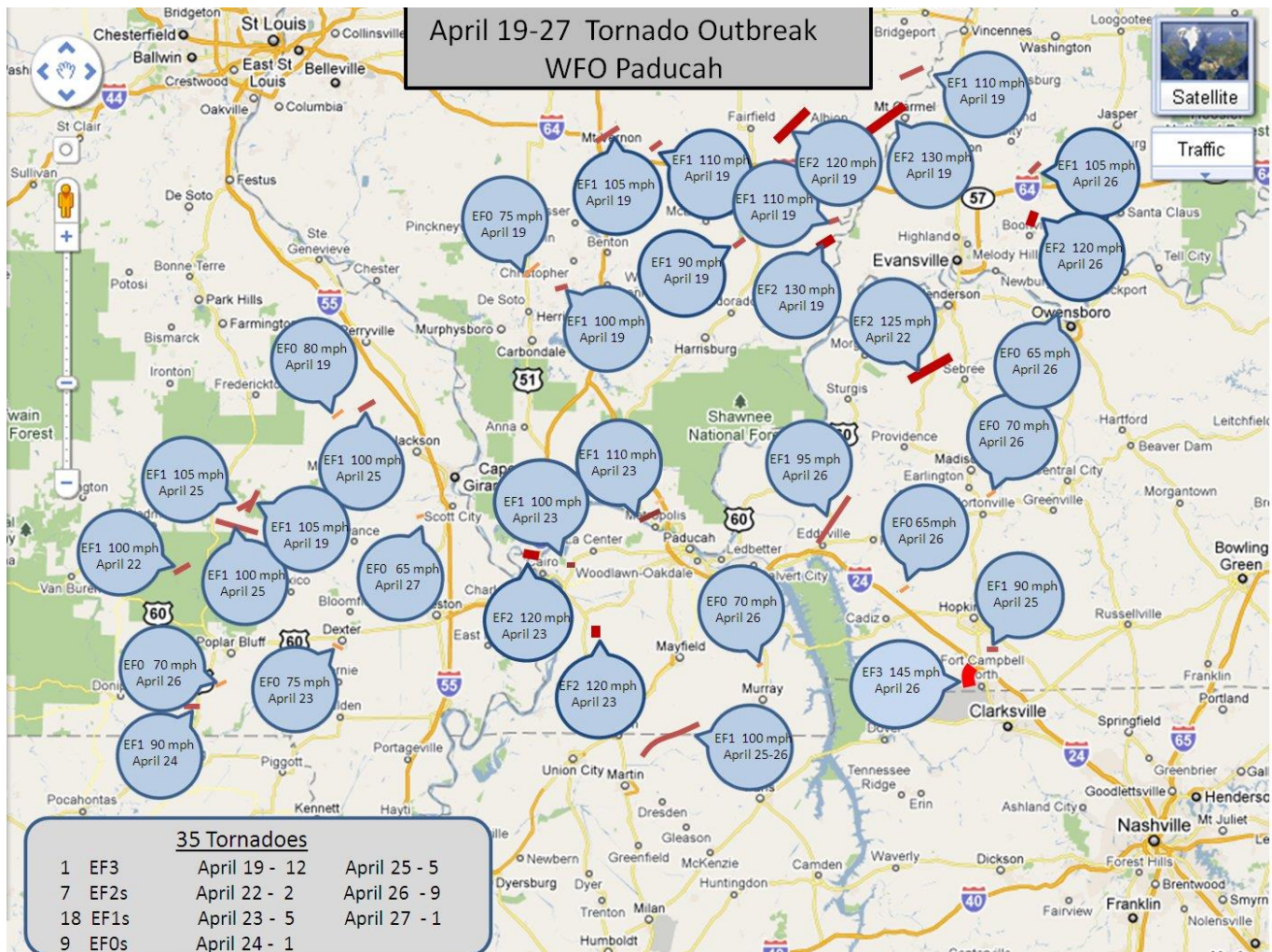


As you can see, many areas received over 20 inches of rain in one month! What is the percent of normal during that time?



This map shows that most areas got 400 to 500% of normal. Severe weather was also a big issue during that time frame.

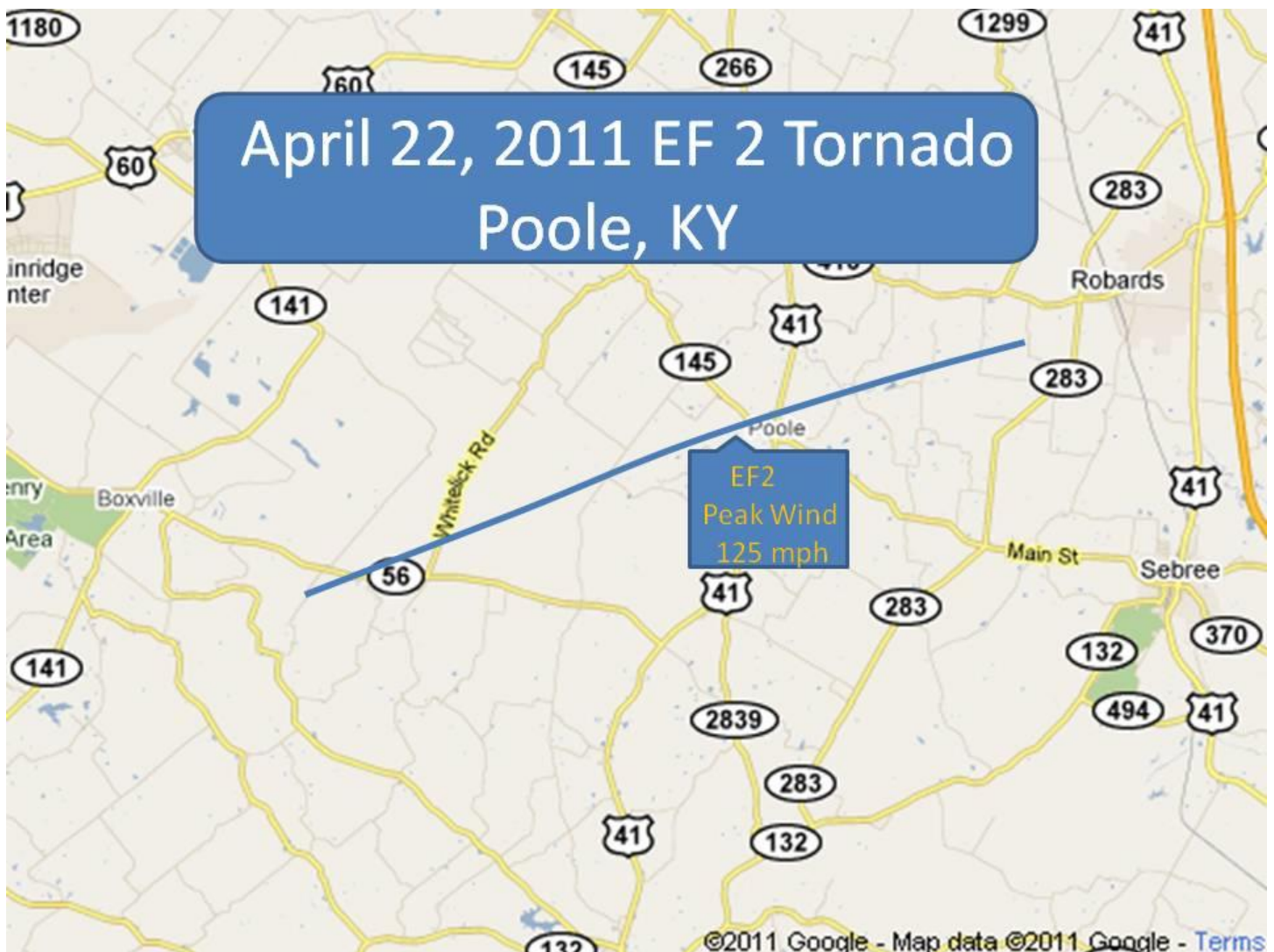
We had 35 tornadoes in our area as you can see on the map below from April 19-27.



Over 590 reports of severe weather, including hail, tornadoes, damaging wind, and flooding were sent out by the National Weather Service Office in Paducah during the time from April 6 to May 6, 2011.

Severe Weather Event April 22, 2011

Yet another round of severe weather impacted the region Friday night, bringing hail, strong winds, and even isolated tornadoes. One such tornado struck the small community of Poole in western Kentucky late in the evening. Following is a damage assessment of the storm that produced the tornado damage.



...DAMAGE SURVEY RESULTS FOR HENDERSON...WEBSTER...AND UNION COUNTY KENTUCKY DAMAGE...

THE FOLLOWING SURVEY IS THE DAMAGE ASSESSMENT FOR STORM DAMAGE THAT OCCURRED ON FRIDAY APRIL 22ND:

* EVENT TYPE.....**EF2 TORNADO**

* EVENT DATE.....FRIDAY APRIL 22 2011
 * EVENT TIME.....ESTIMATED 1050 PM CDT UNTIL 1109 PM CDT
 * EVENT LOCATION.....9 MILES SOUTHEAST OF MORGANFIELD/8 MILES
 SOUTHWEST OF POOLE TO 12 MILES SOUTH OF HENDERSON/1 MILE
 SOUTHWEST OF ROBARDS.
 * PEAK WIND.....125 MPH
 * AVERAGE WIDTH.....150 YARDS
 * PATH LENGTH.....13.2 MILES
 * INJURIES.....2 MINOR
 * FATALITIES.....NONE
 * DAMAGE DETAIL.....3 HOMES WITH ROOF COMPLETELY REMOVED ON THE
 WEST AND NORTH SIDE OF POOLE. SEVERAL HOMES IN POOLE WITH
 PARTIAL LOSS OF SHINGLES AND DAMAGE PRIMARILY BY FALLEN TREES.
 SEVERAL GARAGES DAMAGED OR DESTROYED IN POOLE. SEVERAL GRAIN
 BINS AND BARNs DESTROYED ALONG THE UNION/WEBSTER COUNTY LINE
 ALONG HIGHWAY 56 AND ON RAY MELTON ROAD. BARN AND GARAGE
 DESTROYED BETWEEN POOLE AND ROBARDS WITH MANY DOZENS OF TREES
 UPROOTED OR SNAPPED ALONG THE ENTIRE DAMAGE TRACK.

SURVEYOR.....SHANKLIN

Below is a summary of other storm reports received by the National Weather Service during the severe weather event Friday night:

PRELIMINARY LOCAL STORM REPORT...SUMMARY

NATIONAL WEATHER SERVICE PADUCAH KY

419 AM CDT SAT APR 23 2011

..TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
..DATE...	...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
..REMARKS..			
0825 PM	HAIL	ZALMA	37.14N 90.08W
04/22/2011	M1.25 INCH	BOLLINGER	MO EMERGENCY MNGR
FALLING WEST AND SOUTHWEST OF CITY LIMITS			
0830 PM	FUNNEL CLOUD	12 NE POPLAR BLUFF	36.89N 90.25W
04/22/2011		BUTLER	MO TRAINED SPOTTER
IT HAS ALREADY LIFTED			
0831 PM	HAIL	CARBONDALE	37.72N 89.22W
04/22/2011	E0.50 INCH	JACKSON	IL TRAINED SPOTTER
0833 PM	HAIL	CARBONDALE	37.72N 89.22W
04/22/2011	E0.75 INCH	JACKSON	IL TRAINED SPOTTER
0900 PM	HAIL	GRANDIN	36.83N 90.82W
04/22/2011	M1.00 INCH	CARTER	MO TRAINED SPOTTER
0900 PM	TSTM WND GST	VANDUSER	36.99N 89.69W
04/22/2011	E60.00 MPH	SCOTT	MO TRAINED SPOTTER
HOUSE TRAILER OVERTURNED AND TREES DOWN IN TOWN			
0904 PM	HAIL	PERKINS	37.09N 89.78W
04/22/2011	E1.00 INCH	SCOTT	MO TRAINED SPOTTER
50 MPH WINDS ALSO REPORTED			
0905 PM	TSTM WND GST	CHAFFEE	37.18N 89.66W
04/22/2011	E50.00 MPH	SCOTT	MO TRAINED SPOTTER
0917 PM	HAIL	ORAN	37.08N 89.65W
04/22/2011	E1.00 INCH	SCOTT	MO EMERGENCY MNGR

NUMEROUS TREES DOWN. ALSO POWER LINES DOWN IN ORAN AND CHAFFEE

0935 PM	HAIL	KARNAK		37.29N 88.98W
04/22/2011	E0.75 INCH	PULASKI	IL	TRAINED SPOTTER
0945 PM	TSTM WND DMG	MONKEYS EYEBROW		37.19N 88.99W
04/22/2011		BALLARD	KY	EMERGENCY MNGR

PARTIAL ROOF AND SIDING OFF RESIDENCE. ALSO...WINDOW OUT OF CAR

0956 PM	TSTM WND GST	ROUND KNOB		37.22N 88.73W
04/22/2011	M76.00 MPH	MASSAC	IL	EMERGENCY MNGR
0956 PM	TSTM WND GST	JOPPA		37.21N 88.84W
04/22/2011	E55.00 MPH	MASSAC	IL	TRAINED SPOTTER
0956 PM	TSTM WND GST	ROUND KNOB		37.22N 88.73W
04/22/2011	E60.00 MPH	MASSAC	IL	EMERGENCY MNGR

BETWEEN JOPPA AND METROPOLIS. MULTIPLE POWER FLASHES OF BLOWN TRANSFORMERS

1001 PM	TSTM WND GST	METROPOLIS		37.15N 88.71W
04/22/2011	E60.00 MPH	MASSAC	IL	TRAINED SPOTTER
1024 PM	TSTM WND DMG	GOLCONDA		37.36N 88.49W
04/22/2011		LIVINGSTON	IL	EMERGENCY MNGR

TREE FELL ON A HOUSE AT INTERSECTION OF ILLINOIS AND COLUMBUS

1024 PM	FLASH FLOOD	CHAFFEE		37.18N 89.66W
04/22/2011		SCOTT	MO	TRAINED SPOTTER

LOW LYING STREETS IN THE AREA ARE FLOODED OR PARTIALLY COVERED. SEVERAL DITCHES AROUND TOWN HAVE SPILLED OVER THEIR BANKS.

1030 PM	FUNNEL CLOUD	CHARLESTON		36.92N 89.34W
04/22/2011		MISSISSIPPI	MO	FIRE DEPT/RESCUE
1103 PM	HAIL	2 W WEST PADUCAH		37.08N 88.78W
04/22/2011	E0.50 INCH	MCCRACKEN	KY	NWS EMPLOYEE
1107 PM	TSTM WND DMG	5 WSW ROBARDS		37.66N 87.64W
04/22/2011		HENDERSON	KY	EMERGENCY MNGR

JUST NORTH OF WEBSTER-HENDERSON COUNTY LINE ON NORTH END OF POOLE. MULTIPLE HOUSES DAMAGED AND AT LEAST 1 WITH ROOF OFF. NUMEROUS TREES AND POWERLINES DOWN.

1111 PM	HEAVY RAIN	POSEYVILLE		38.17N 87.78W
04/22/2011	E0.00 INCH	POSEY	IN	TRAINED SPOTTER

2 INCHES REPORTED WITH COMMON STREET FLOODING.

1127 PM	TORNADO	STANLEY		37.82N 87.24W
04/22/2011		DAVISS	KY	LAW ENFORCEMENT

POWER LINES DOWN

1133 PM	HAIL	LEDBETTER		37.05N 88.50W
04/22/2011	E0.75 INCH	LIVINGSTON	KY	EMERGENCY MNGR
1133 PM	FUNNEL CLOUD	OWENSBORO		37.76N 87.12W
04/22/2011		DAVISS	KY	TRAINED SPOTTER

MAJOR ROTATION N OR HOSPITAL IN OWENSBORO ALONG OHIO RIVER.

1243 AM	HAIL	3 W POSEYVILLE		38.17N 87.84W
04/23/2011	E1.00 INCH	POSEY	IN	TRAINED SPOTTER
0208 AM	FLASH FLOOD	CARBONDALE		37.72N 89.22W
04/23/2011		JACKSON	IL	EMERGENCY MNGR

1 1/2 FEET OF WATER OVER WASHINGTON STREET. IT HAS BEEN CLOSED OFF TO ALL TRAFFIC.

0228 AM	HAIL	OAKLAND CITY	38.34N 87.35W
04/23/2011	E0.88 INCH	GIBSON	IN BROADCAST MEDIA
0330 AM	HEAVY RAIN	6 NE GRANDVIEW	38.00N 86.91W
04/23/2011	E0.00 INCH	SPENCER	IN LAW ENFORCEMENT

WATER OVER ROADWAY AT THE INTERSECTION OF HIGHWAY 70 AND HIGHWAY 245. HIGH WATER SIGNS HAVE BEEN PUT UP.

Severe Weather Event **April 24, 2011**

HIGHLIGHTS: One of the strongest thunderstorm wind events in the past decade struck the [East Prairie area of southeast Missouri](#) with winds estimated around 120 mph. Elsewhere, a microburst and a weak tornado occurred in [Christian and Todd Counties of western Kentucky](#). Several [less intense damaging wind events](#) occurred, mainly over western Kentucky.

BACKGROUND: A well-organized upper level low moved east from the central Plains into the Mid Missouri Valley during the day. Very strong winds aloft accompanied this system. A streak of very strong mid level winds punched northeast from the Arklatex region into the Lower Ohio Valley during the afternoon. A low level jet from 50 to 60 knots over the Lower Mississippi Valley nosed into the Lower Ohio Valley. At the surface, a low pressure center tracked from north central Arkansas to near St. Louis by late afternoon. Though surface dew points climbed into the lower to mid 60's, extensive cloudcover along and ahead of a warm front limited instability. The instability was generally weak, characterized by cape values below 1000 j/kg.

The Storm Prediction Center issued [Tornado Watch 94](#) at 11:30 A.M., followed by [Tornado Watch 96](#) at 1:20 P.M.

East Prairie, MO Macroburst Information

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
737 PM CDT MON APR 26 2010

...DAMAGE SURVEY RESULTS FOR EAST PRAIRIE AREA OF MISSISSIPPI AND NEW MADRID COUNTIES IN SOUTHEAST MISSOURI...

THE FOLLOWING IS THE PRELIMINARY DAMAGE ASSESSMENT FOR THE MACROBURST IN SOUTHEAST MISSOURI.

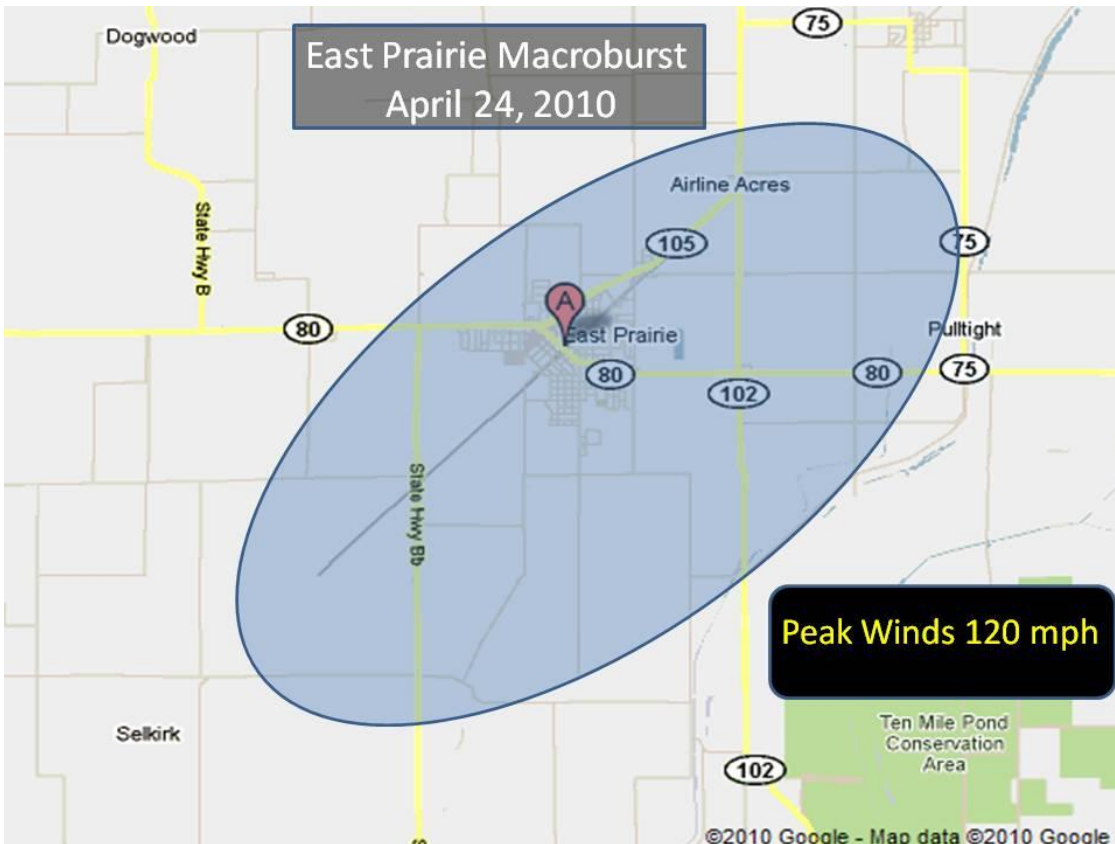
- * EVENT DATE - SATURDAY APRIL 24 2010
- * EVENT TIME - 125 TO 137 PM CDT
- * EVENT TYPE - DOWNBURST /MACROBURST/
- * EVENT LOCATION - 5 MILES SOUTHWEST OF EAST PRAIRIE TO 3 MILES NORTHEAST OF EAST PRAIRIE
- * PEAK WIND - 120 MPH
- * AVERAGE PATH WIDTH - 3 MILES
- * PATH LENGTH - 8 MILES
- * INJURIES - 1 MINOR
- * FATALITIES - NONE
- * DISCUSSION/DAMAGE - HIGHEST CONCENTRATION OF DAMAGE WAS IN EAST PRAIRIE. ON COUNTY ROAD 535 ON THE OUTSKIRTS OF EAST

PRAIRIE...TWO MOBILE HOMES WERE DEMOLISHED. A SINGLE WIDE MOBILE HOME WAS COMPLETELY SEPARATED FROM THE FRAME...WHICH WAS BLOWN 100 YARDS UNTIL IT STRUCK A BRICK HOUSE. THE SOLE OCCUPANT OF THE MOBILE HOME WAS A YOUNG ADULT WHO RECEIVED ONLY NUMEROUS ABRASIONS. A SECOND SINGLE WIDE MOBILE HOME WAS BLOWN A VERY SHORT DISTANCE INTO TREES. A NEARBY HOUSE LOST MOST OF THE ROOF AND A LARGE SECTION OF THE WINDWARD FACING EXTERIOR WALL.

OFF STATE ROAD OO IN NEARBY NEW MADRID COUNTY...A HOUSE UNDER CONSTRUCTION LOST SOME WALLS AND THE ROOF. IN THE CITY OF EAST PRAIRIE...THREE INDUSTRIAL BUILDINGS WERE HEAVILY DAMAGED OR DESTROYED, ALONG WITH DAMAGE TO THE ROOF OF THE EAST PRAIRIE POLICE DEPARTMENT. NUMEROUS TREES WERE BLOWN DOWN IN AND NEAR EAST PRAIRIE...SOME DAMAGING HOMES. SEVERAL FARM BUILDINGS RECEIVED MINOR TO MAJOR DAMAGE SOUTHWEST OF EAST PRAIRIE.

THE PEAK WIND OF 120 MPH...EQUIVALENT TO AN EF2 TORNADO...WAS SUPPORTED BY DAMAGE TO SEVERAL STRUCTURES INCLUDING INDUSTRIAL BUILDINGS IN EAST PRAIRIE AND HOMES WEST AND SOUTHWEST OF EAST PRAIRIE. THIS WAS ONE OF THE STRONGEST DOWNBURSTS EVER DOCUMENTED IN OUR REGION.

SURVEYORS...SHANKLIN/ YORK



Damage photos taken by NWS staff:

Mobile home demolished. The frame struck a brick home partially obscured by the trees but was relocated back to the original property before this photo was taken.



Exterior wall of home partially blown in. The pre-existing condition of the house was rather poor.



CHRISTIAN AND TODD COUNTIES, KY: WEAK TORNADO AND MICROBURST

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
846 PM CDT SUN APR 25 2010

...DAMAGE SURVEY RESULTS FOR EXTREME SOUTHEAST CHRISTIAN AND
SOUTHWEST TODD COUNTIES...

THE FOLLOWING IS THE PRELIMINARY DAMAGE ASSESSMENT FOR APRIL 24
EVENT # 1 FOR CHRISTIAN AND TODD COUNTIES. IN ADDITION,
INITIAL/INCOMPLETE SURVEYING WAS CONDUCTED INTO FAR NORTHERN

MONTGOMERY COUNTY IN TENNESSEE.

- * EVENT DATE - SATURDAY APRIL 24 2010
- * EVENT TIME - 4:43 PM CDT UNTIL 4:55 PM
- * EVENT TYPE - MICROBURST
- * EVENT LOCATION - FROM 2 MILES SOUTHEAST OF OAK GROVE, KY (ALONG/SOUTH OF THE KY-TN STATE LINE) TO 3 1/2 MILES SOUTHEAST OF TRENTON, KY
- * PEAK WIND - 90 MPH
- * AVERAGE PATH WIDTH - 1.5 MILES
- * MAXIMUM PATH WIDTH - APPROXIMATELY 2 MILES
- * PATH LENGTH - 7+ MILES (FOR KENTUCKY PORTION, THE TENNESSEE PORTION MAY BE FURTHER SURVEYED MONDAY)
- * INJURIES - NONE
- * FATALITIES - NONE
- * DISCUSSION/DAMAGE - THE MICROBURST (DOWNBURST LESS THAN 2.5 MILES WIDE) DAMAGE IN KENTUCKY EXTENDED FROM ALONG THE KENTUCKY-TENNESSEE BORDER SOUTHEAST OF OAK GROVE, KY FOR APPROXIMATELY 7 MILES TO THE NORTHEAST TO U.S. HWY 41...ABOUT 3.5 MILES SOUTHEAST OF TRENTON, KY. DAMAGE WAS OBSERVED AT LEAST 1 MILE SOUTH OF THE KY-TN BORDER INTO NORTHERN MONTGOMERY COUNTY TN.

MANY DOZENS OF TREES WERE UPROOTED OR BROKEN. ONE BARN WAS LEVELED, WITH SEVERAL OTHER BARNs RECEIVING MODERATE TO MAJOR DAMAGE. A FEW HOMES SUFFERED MAINLY MINOR DAMAGE (PORCH DAMAGE, PARTIAL LOSS OF SHINGLES, ETC.). DAMAGE WAS OBSERVED ALONG OR NEAR BARKERS MILL RD (HWY 1881), TRENTON RD (HWY 104), HAMMACKSVILLE RD, CHESTER STALL RD, AND U.S. HWY 41.

Pictures from southeast Christian County, KY on Hwy 1881:





Pictures from Todd County, KY







THE FOLLOWING IS THE PRELIMINARY DAMAGE ASSESSMENT FOR APRIL 24
EVENT # 2 FOR CHRISTIAN AND TODD COUNTIES.

- * EVENT DATE - SATURDAY APRIL 24 2010
- * EVENT TIME - 4:23 PM CDT UNTIL 4:27 PM
- * EVENT TYPE - EF0 TORNADO
- * EVENT LOCATION - 2 MILES SOUTHEAST OF PEMBROKE, KY TO PEMBROKE, KY
- * PEAK WIND - 75 MPH
- * AVERAGE PATH WIDTH - 40 YARDS
- * PATH LENGTH - 2 MILES
- * INJURIES - NONE

* FATALITIES - NONE

* DISCUSSION/DAMAGE - SEVERAL TREES OR TREE LIMBS WERE BLOWN DOWN ALONG WITH MINOR DAMAGE TO A HOME (GUTTERS). THE TORNADO TRACK WAS MOSTLY ACROSS FIELDS. THE TORNADO WAS PHOTOGRAPHED NEAR THE INITIAL TOUCHDOWN ABOUT 2 MILES SOUTHWEST OF PEMBROKE, AND WAS ALSO OBSERVED ON THE GROUND LESS THAN 1 MILE FROM PEMBROKE.

* SURVEYOR/S....SHANKLIN/ POWELL



Summary of storm events

PRELIMINARY LOCAL STORM REPORT...SUMMARY
NATIONAL WEATHER SERVICE PADUCAH KY
737 PM CDT SAT APR 24 2010

..TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
..DATE...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
	..REMARKS..		

0130 PM	TSTM WND DMG	EAST PRAIRIE	36.78N 89.38W
04/24/2010		MISSISSIPPI MO	EMERGENCY MNGR

TRAILER BLOWN OVER ON COUNTY ROAD 535 IN EAST PRAIRIE
TRAPPING YOUNG BOY INSIDE FOR A SHORT PERIOD OF TIME.
TREES DOWN IN EAST PRAIRIE. PART OF ROOF BLOWN OFF OF THE
LOCAL POLICE DEPT. POWER OUTAGES IN WYATT, CHARLESTON AND
EAST PRAIRIE.

0131 PM	FUNNEL CLOUD	2 SW KARNAK	37.27N 89.00W
04/24/2010		PULASKI IL	TRAINED SPOTTER

REPORTED BY TRAINED STORM SPOTTER.

0145 PM TSTM WND DMG VIENNA 37.41N 88.89W
04/24/2010 JOHNSON IL LAW ENFORCEMENT

NUMEROUS TREES AND POWER LINES DOWN IN AND SOUTH OF
VIENNA ILLINOIS

0146 PM TSTM WND GST KARNAK 37.29N 88.98W
04/24/2010 E70.00 MPH PULASKI IL TRAINED SPOTTER

0147 PM HAIL KARNAK 37.29N 88.98W
04/24/2010 M1.00 INCH PULASKI IL TRAINED SPOTTER

0245 PM HEAVY RAIN KEVIL 37.08N 88.89W
04/24/2010 M1.71 INCH BALLARD KY AMATEUR RADIO

NEARLY ONE AND THREE QUARTER INCH OF RAIN WITHIN ONE
HOUR.

0314 PM TSTM WND DMG HAZEL 36.51N 88.33W
04/24/2010 CALLOWAY KY EMERGENCY MNGR

REPORT OF TREES DOWN IN THE COMMUNITY OF HAZEL. DIME SIZE
HAIL ALSO REPORTED WITH THIS STORM.

0320 PM TSTM WND DMG 6 ESE MURRAY 36.58N 88.22W
04/24/2010 CALLOWAY KY EMERGENCY MNGR

NUMEROUS LARGE TREES DOWN. 10-15 WERE BLOCKING ROADS.
SEVERAL POWERLINES ALSO DOWN

0329 PM FLASH FLOOD 2 S ELDORADO 37.78N 88.44W
04/24/2010 SALINE IL LAW ENFORCEMENT

WATER OVER STATE ROUTE 142 2 MILES SOUTH OF ELDORADO.
MAJOR VEHICLE ACCIDENT AT LOCATION.

0353 PM HEAVY RAIN COBB 37.02N 87.76W
04/24/2010 M0.75 INCH CALDWELL KY CO-OP OBSERVER

THREE QUARTER INCH RAIN IN 14 MINUTES.

0400 PM TSTM WND GST 4 S MADISONVILLE 37.28N 87.51W
04/24/2010 M62.00 MPH HOPKINS KY MESONET

0405 PM FLASH FLOOD S ELDORADO 37.81N 88.44W
04/24/2010 SALINE IL LAW ENFORCEMENT

STANDING WATER ALONG STATE ROUTE 142 ONE HALF MILE SOUTH
OF ELDORADO. SEVERAL ROADWAYS IN EASTERN SALINE COUNTY

ARE UNDER WATER.

0414 PM HEAVY RAIN 2 E HOPKINSVILLE 36.85N 87.45W
04/24/2010 U0.00 INCH CHRISTIAN KY TRAINED SPOTTER

HEAVY RAIN AND MINOR FLOODING REPORTED EAST OF
HOPKINSVILLE.

0426 PM TORNADO PEMBROKE 36.77N 87.36W
04/24/2010 CHRISTIAN KY TRAINED SPOTTER

UNCONFIRMED.

0426 PM TORNADO PEMBROKE 36.77N 87.36W
04/24/2010 CHRISTIAN KY TRAINED SPOTTER

REPEAT STORM REPORT. THIS EVENT IS UNCOMFIRMED.

0430 PM HEAVY RAIN 8 NE HOPKINSVILLE 36.94N 87.39W
04/24/2010 M1.00 INCH CHRISTIAN KY TRAINED SPOTTER

HEAVY RAIN OF ONE INCH WITHIN 15 MINUTES REPORTED AND
ROADWAY FLOODING IN THE COMMUNITY OF LACY.

0446 PM TSTM WND GST 2 NE PHILPOT 37.75N 86.96W
04/24/2010 M62.00 MPH DAVIESS KY BROADCAST MEDIA

0448 PM HEAVY RAIN POWDERLY 37.24N 87.16W
04/24/2010 M1.05 INCH MUHLENBERG KY TRAINED SPOTTER

HEAVY RAIN REPORTED WITHIN 40 MINUTES. MINOR ROADWAY
FLOODING REPORTED COUNTYWIDE.

0500 PM TSTM WND GST GUTHRIE 36.66N 87.17W
04/24/2010 E70.00 MPH TODD KY TRAINED SPOTTER

POWER OUTAGES REPORTED.

0507 PM TSTM WND DMG TRENTON 36.72N 87.26W
04/24/2010 TODD KY EMERGENCY MNGR

LATE REPORT...FEW TREES DOWN THAT WERE BLOCKING A ROAD ON
SOUTHWEST SIDE OF COMMUNITY. MINOR LOW-LYING STREET
FLOODING.

0517 PM HEAVY RAIN ELKTON 36.81N 87.16W
04/24/2010 U0.00 INCH TODD KY TRAINED SPOTTER

HEAVY RAINS HAD PRODUCED STANDING WATER ALONG MANY
ROADWAYS COUNTYWIDE.

0643 PM TSTM WND DMG BENTON 38.01N 88.92W

04/24/2010 FRANKLIN IL TRAINED SPOTTER

ONE TWELVE INCH DIAMETER TREE DOWN

0645 PM TSTM WND DMG 1 E MOUNT VERNON 38.32N 88.89W
04/24/2010 JEFFERSON IL PUBLIC

SEVERAL TREES DOWN ON GOLF COURSE JUST EAST OF MOUNT
VERNON. POWER OUTAGES IN THE AREA.

0345 PM TSTM WND DMG CADIZ 36.87N 87.82W
04/24/2010 TRIGG KY LAW ENFORCEMENT

SEVERAL TREES REPORTED DOWN

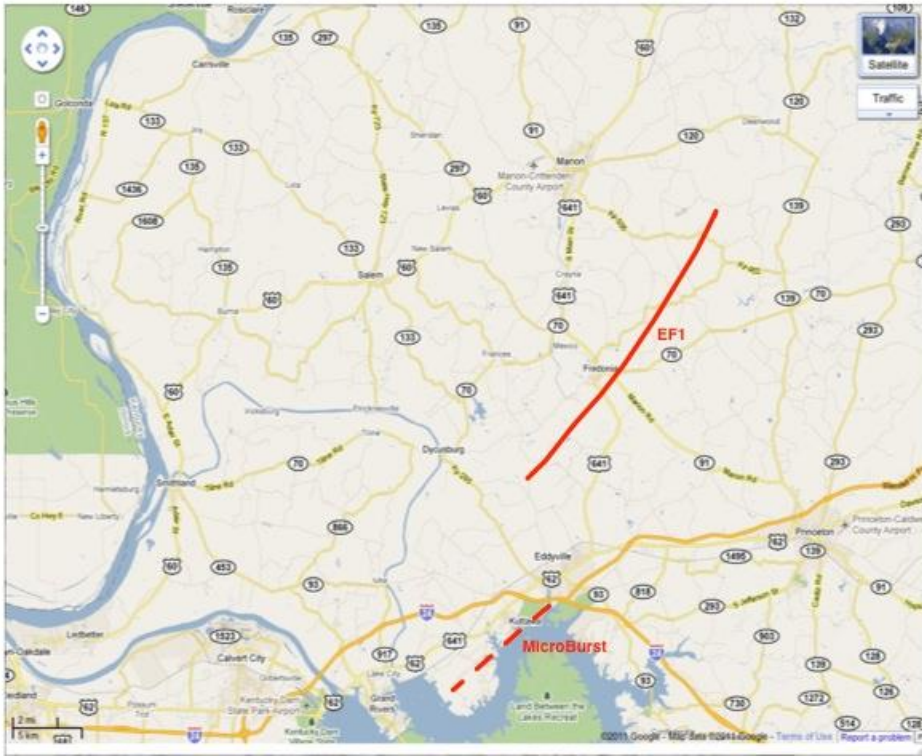
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Severe Weather Event **April 26, 2011**

April 25-26 Severe Weather Outbreak

Several tornadoes occurred during the pre-dawn hours of April 26, including an EF-2 in Warrick Co., IN and an EF-3 at Fort Campbell, KY. Pockets of very damaging winds occurred, mostly in western Kentucky and southwest Indiana. **Murray, KY** suffered over one million dollars in damage when winds were clocked near 100 mph in the city.

April 26 Event in Lyon and Caldwell Counties (KY)...



THE FOLLOWING SURVEY IS THE DAMAGE ASSESSMENT FOR STORM DAMAGE THAT OCCURRED IN LYON AND CALDWELL COUNTIES OF KENTUCKY ON TUESDAY APRIL 26TH:

- * EVENT TYPE..... **TORNADO**
- * EVENT DATE..... TUESDAY APRIL 26 2011
- * EVENT BEGIN TIME..... 1240 AM CDT
- * EVENT END TIME.....100 AM CDT
- * EVENT LOCATION..... FROM 2.5 MILES NORTHWEST OF EDDYVILLE KENTUCKY TO 7.2 MILES NORTHEAST OF FREDONIA KENTUCKY.
- * PEAK WIND..... 95 MPH
- * RATING..... EF1
- * PATH WIDTH..... AVERAGE 75 YARDS
- * PATH LENGTH..... 26.4 MILES (INTERMITTENT)
- * INJURIES..... NONE
- * FATALITIES..... NONE
- * DAMAGE DETAIL.....THE TORNADO INITIALLY TOUCHED DOWN ALONG HIGHWAY 373 PRODUCING MAINLY TREE DAMAGE. IT TRAVELED NORTHEAST AND PRODUCED DAMAGE TO BARNS AND TREES, ALONG WITH SHINGLES OFF OF ROOFS. NEAR HIGHWAY 641 SEVERAL TREES WERE UPROOTED AND SNAPPED, A CARPORT WAS DESTROYED, BUT DAMAGE TO HOMES WAS MAINLY TO SHINGLES. TO THE EAST OF FREDONINA, A BARN WAS DESTROYED WITH DEBRIS BLOWN SEVERAL HUNDRED YARDS. ANOTHER BARN SUSTAINED DAMAGE IN THE AREA AND SEVERAL POWER POLES WERE BLOWN DOWN. TO THE NORTHEAST OF THIS AREA MAINLY TREES AND SHINGLE DAMAGE WAS FOUND. THE TORNADO WAS ON THE GROUND INTERMITTENTLY THROUGHOUT THE PATH.

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SPODEN/LUECKE

THE FOLLOWING SURVEY IS THE DAMAGE ASSESSMENT FOR STORM DAMAGE THAT OCCURRED IN LYON COUNTY OF KENTUCKY ON TUESDAY APRIL 26TH:

- * EVENT TYPE..... **MICROBURST (Later reclassified as a tornado)**
- * EVENT DATE..... TUESDAY APRIL 26 2011

* EVENT BEGIN TIME..... 1237 AM CDT
* EVENT END TIME.....1242 AM CDT
* EVENT LOCATION..... FROM 2.5 MILES SOUTHWEST OF KUTTAWA TO 2 MILES
SOUTHEAST OF KUTTAWA.
* PEAK WIND..... 90 MPH
* PATH WIDTH..... AVERAGE 30 YARDS
* PATH LENGTH..... 5 MILES
* INJURIES..... NONE
* FATALITIES..... NONE
* DAMAGE DETAIL.....MAINLY TREES WERE UPROOTED OR BRANCHES SNAPPED
ALONG THE PATH. THERE WAS SUBSTANTIAL DAMAGE TO THE BOAT DOCK
SHELTERS AND TO THE ROOFING OF ONE HOME.

SPODEN/LUECKE