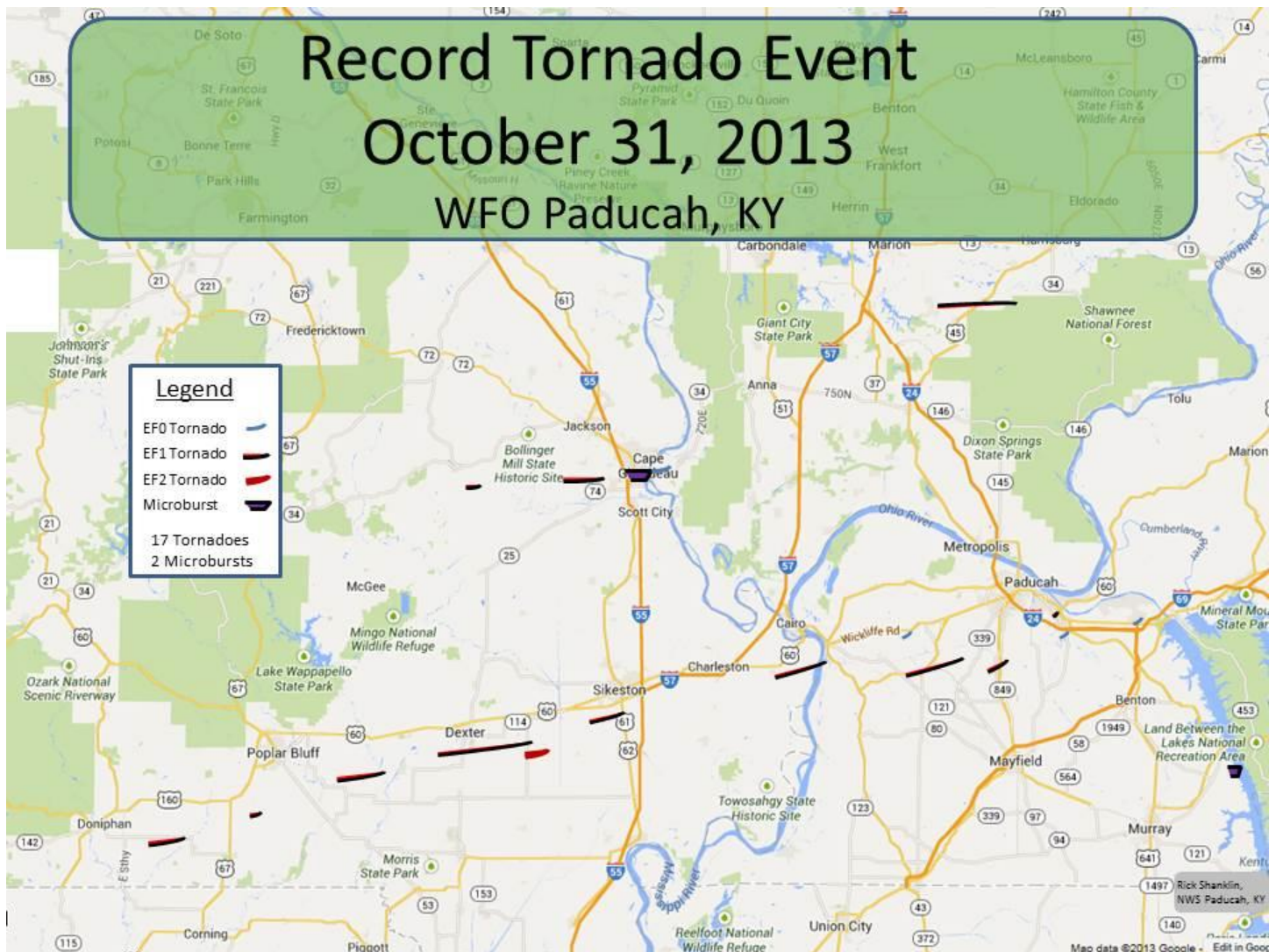


Halloween Tornado Outbreak

October 31, 2013

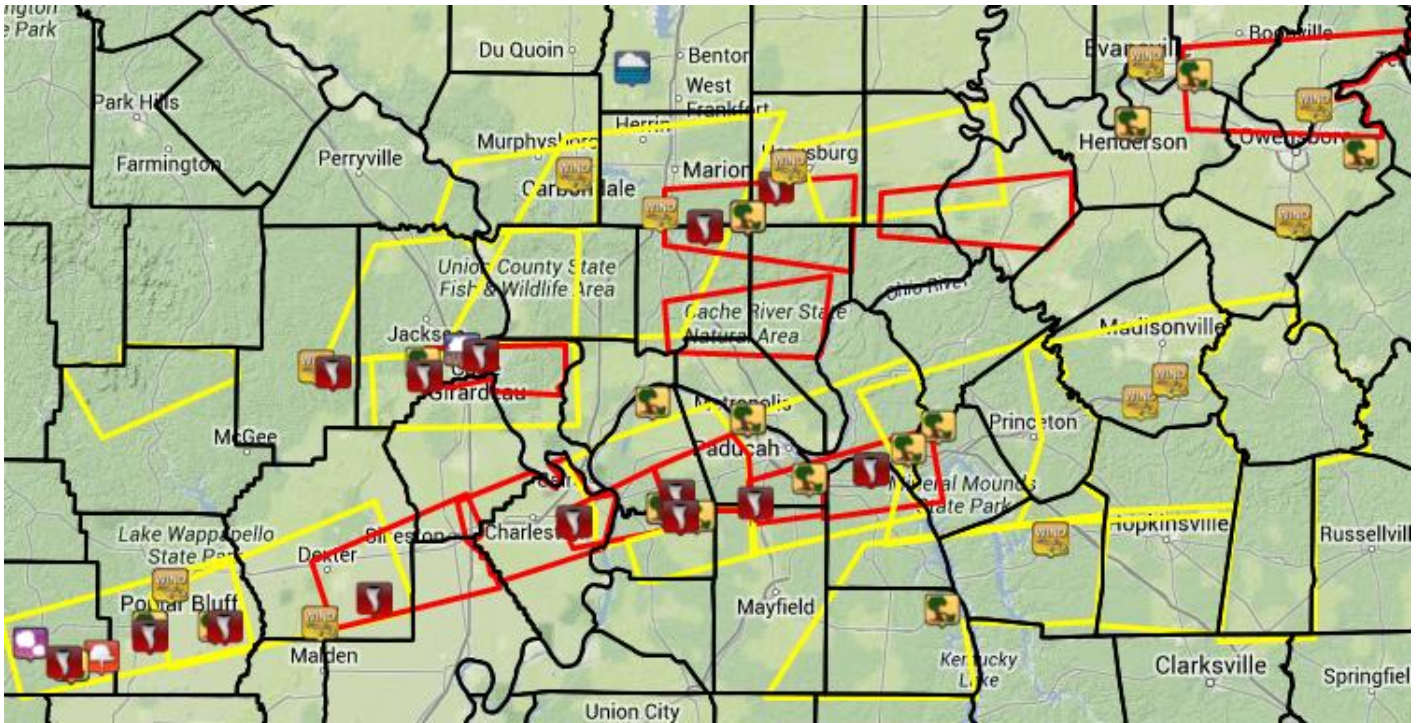
During the early evening hours on October 31, the Storm Prediction Center issued Tornado Watch 554 for southeast Missouri, southern Illinois, southwest Indiana, and most of western Kentucky. The watch was issued as storms slowly intensified over southeast Missouri. These storms organized and spread east across the watch area during the evening. Very strong winds aloft compensated for weak instability, resulting in scattered areas of wind damage and about a dozen tornadoes. All but one of the tornadoes was rated EF-1 or weaker.



Map of Warnings and Reports

WFO Paducah County Warning Area

(Red polygons = Tornado Warnings Yellow polygons = Severe T-storm Warnings)



Photos

Brosely, MO EF1 Damage



Calvery City, KY damage



Wickliffe, KY damage



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Storm Report Summary

PRELIMINARY LOCAL STORM REPORT...SUMMARY
NATIONAL WEATHER SERVICE PADUCAH KY
617 PM CST SUN NOV 03 2013

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

0415 PM HEAVY RAIN CHRISTOPHER 37.97N 89.05W
10/31/2013 M2.50 INCH FRANKLIN IL TRAINED SPOTTER

RAINFALL TOTAL FROM AROUND NOON THROUGH 4 P.M.

0430 PM NON-TSTM WND DMG METROPOLIS 37.15N 88.71W
10/31/2013 MASSAC IL EMERGENCY MNGR

LARGE TREE ON RESIDENCE. SIGNIFICANT STRUCTURAL DAMAGE.
18TH STREET AND GIBBONS STREET. IT IS UNCLEAR IF THE TREE
WAS SOUND...ROTTED OR WEAKENED.

0608 PM HAIL DONIPHAN 36.62N 90.82W
10/31/2013 M0.50 INCH RIPLEY MO EMERGENCY MNGR

MARBLE SIZE HAIL REPORTED IN TOWN.

0611 PM TORNADO 2 WSW OXLY 36.58N 90.72W
10/31/2013 RIPLEY MO NWS STORM SURVEY

EF1 TORNADO. MANY TREES SNAPPED/UPROOTED. 2.5 WSW OF OXLY
TO 2.5 E OF OXLY. MAX WIND 95 MPH. WIDTH 150 YARDS.
LENGTH WAS 5 MILES LONG. AN ATTACHED CARPORT TORN FROM
HOME. ONE HOME HAD THE ROOF LIFTED WHICH DAMAGED MUCH OF
THE INTERIOR WALLS. DEBRIS MISSILES IMPALED INTO THE
GROUND UP TO 2 FT DEEP. SEVERAL OTHER HOMES RECEIVED
MINOR SHINGLE DAMAGE.

0624 PM FUNNEL CLOUD 1 N NAYLOR 36.59N 90.61W
10/31/2013 RIPLEY MO EMERGENCY MNGR

NEAR THE INTERSECTION OF HWY 142 AND B. UNCONFIRMED
DAMAGE REPORTED. FUNNEL MAY BE RAIN-WRAPPED.

0630 PM TSTM WND DMG HARVIELL 36.66N 90.47W
10/31/2013 BUTLER MO EMERGENCY MNGR

TREES DOWN. LATE REPORT. ADDITIONAL INFORMATION AT 0730
PM. ROOF BLOWN OFF HOME AND GRAIN BINS DAMAGED.

0630 PM TORNADO 2 S HARVIELL 36.64N 90.47W
10/31/2013 BUTLER MO NWS STORM SURVEY

EF1 TORNADO. BRIEF TOUCHDOWN 2.5 MILES SOUTH OF TOWN. PK
WIND 95 MPH AND MAX WIDTH 50 YARDS. LARGE WOOD FRAMED
MECHANICS SHED DESTROYED. SEVERAL TREES SNAPPED AND ONE
LARGE TREE UPROOTED. CARPORT DESTROYED.

0633 PM TSTM WND DMG 5 W NAYLOR 36.57N 90.70W
10/31/2013 RIPLEY MO TRAINED SPOTTER

UPDATED AT 0708 PM. DOWNED TREES AND POWER LINES. DAMAGE

TO SHED. INJURED OR DEAD CATTLE. SEVERAL HARD WOODED TREES DOWN. BARN DESTROYED. OUTBUILDINGS DAMAGED. WINDS ESTIMATED 75 MPH.

0638 PM TSTM WND GST POPLAR BLUFF 36.76N 90.41W
10/31/2013 M50.00 MPH BUTLER MO EMERGENCY MNGR

50 MPH GUST REPORTED JUST WEST OF THE COMMUNITY.

0640 PM TSTM WND DMG 10 SE POPLAR BLUFF 36.66N 90.28W
10/31/2013 BUTLER MO EMERGENCY MNGR

TIME ESTIMATED BY RADAR. MOBILE HOME BLOWN OVER IN THE COMMUNITY OF BROSELEY.

0643 PM TSTM WND DMG POPLAR BLUFF 36.76N 90.41W
10/31/2013 BUTLER MO EMERGENCY MNGR

TIME ESTIMATED BY RADAR. TREES AND TREE LIMBS AS WELL AS POWER LINES REPORTED DOWN THROUGHOUT THE COMMUNITY.

0648 PM TORNADO 3 S BATESVILLE 36.66N 90.25W
10/31/2013 BUTLER MO NWS STORM SURVEY

EF1 TORNADO 1.5 NW OF BROSELY TO 5.5 NE OF BROSELEY. 5.5 MILES LONG. MAX WIDTH 75 YARDS WITH MAX WIND 100 MPH. ONE MOBILE HOME OVERTURNED. SHINGLE DAMAGE TO ONE HOME. ANOTHER HOME HAD PARTIAL ROOF LOSS. OVERTURNED AGRICULTURAL CENTER-PIVOT IRRIGATION SYSTEM. SEVERAL LARGE TREES SNAPPED. THIS SURVEY IS INCOMPLETE AND FURTHER INFORMATION WILL BE PROVIDED.

0650 PM TSTM WND GST 2 S MARBLE HILL 37.27N 89.98W
10/31/2013 M51.00 MPH BOLLINGER MO EMERGENCY MNGR

0654 PM TORNADO LEOPOLD 37.26N 89.93W
10/31/2013 F1 BOLLINGER MO NWS STORM SURVEY

EF1 TORNADO. PEAK WIND 95 MPH. 200 YARDS WIDE AND 1.5 MILES LONG. BEGAN 1 W OF TOWN TO 0.5 E OF LEOPOLD. NO INJURIES OR DEATHS. DOZENS OF TREES SNAPPED AND UPROOTED WITH A PAVILION DAMAGED FROM FALLEN TREE. SOME SHINGLES OFF OF A FEW HOMES.

0702 PM TORNADO 5 NW BERNIE 36.72N 90.03W
10/31/2013 STODDARD MO NWS STORM SURVEY

EF1 TORNADO. WINDS 105 MPH. 5 NW OF BERNIE TO 5.5 SE OF ESSEX. NUMEROUS LARGE BRANCHES DOWN. SEVERAL TREES SNAPPED OR UPROOTED. SEVERAL OUTBUILDINGS DAMAGED OR DESTROYED. HOME WITH BRICKS REMOVED AND WINDOWS BLOWN OUT. COTTON FROM BAILS LOFTED AND STUCK IN NEAR BY TREES. NOTABLE CIRCULATION OBSERVED IN A BEAN FIELD.

0705 PM TORNADO DUTCHTOWN 37.25N 89.66W
10/31/2013 CAPE GIRARDEAU MO NWS EMPLOYEE

NWS SURVEY CONFIRMS EF1 TORNADO ACROSS SOUTHERN CAPE GIRARDEAU COUNTY FROM 3 NW DUTCHTOWN TO 2.5 NE DUTCHTOWN. 150 YARDS WIDE. 4.25 MILES TRACK LENGTH. NUMEROUS TREES UPROOTED OR SNAPPED. HOUSE SHIFTED SLIGHTLY OFF FOUNDATION AND ROOF LIFTED AND SHIFTED SLIGHTLY. AT LEAST 2 OTHER HOUSES WITH ROOF DAMAGE FROM FALLEN TREES AND

POWER LINES. 1 BARN LEVELED AND SEVERAL OTHERS WITH ROOFS DAMAGED.

0710 PM TSTM WND GST BERNIE 36.67N 89.97W
10/31/2013 E60.00 MPH STODDARD MO TRAINED SPOTTER

WINDS MEASURED 60 MPH WITH POSSIBLE HIGHER WINDS. POWER OUT COMMUNITY WIDE.

0715 PM DOWNBURST S CAPE GIRARDEAU 37.31N 89.55W
10/31/2013 CAPE GIRARDEAU MO NWS EMPLOYEE

NWS STORM DAMAGE SURVEY INDICATES MICROBURST OVER SOUTH SIDE OF CAPE GIRARDEAU CITY. 95 MPH PEAK WINDS.

0720 PM TORNADO EAST CAPE GIRARDEAU 37.30N 89.50W
10/31/2013 F0 ALEXANDER IL NWS STORM SURVEY

NWS STORM DAMAGE SURVEY CONFIRMS EF0 TORNADO EAST CAPE GIRARDEAU IL. 80 MPH PEAK WIND.

0720 PM TSTM WND DMG 2 S GORDONVILLE 37.28N 89.67W
10/31/2013 CAPE GIRARDEAU MO LAW ENFORCEMENT

SIGNIFICANT DAMAGE TO RESIDENCE ALONG HWY 228. STATE POLICE RESPONDING.

0720 PM TSTM WND DMG CAPE GIRARDEAU 37.31N 89.55W
10/31/2013 CAPE GIRARDEAU MO EMERGENCY MNGR

UPDATE AT 0748 LOCAL. WIDESPREAD SMALL HAIL REPORTED ALONG KINGS HWY. HWY 206 AND BLOOMFIELD RD CLOSED DUE TO DOWNED HARDWOOD TREES. WINDS ESTIMATED 70 MPH. SLOW TRAFFICE ON I55 DUE TO TREE DEBRIS. SEMI-TRACTOR ROLLED OVER DUE TO WIND NEAR MILE MARKER 96 ALONG INTERSTATE 55.

0724 PM TSTM WND GST CARBONDALE 37.72N 89.22W
10/31/2013 M40.00 MPH JACKSON IL EMERGENCY MNGR

ALONG WITH WIND REPORTS OF PEA TO DIME SIZE HAIL.

0724 PM TORNADO 4 SW BAKER 36.73N 89.81W
10/31/2013 STODDARD MO NWS STORM SURVEY

PRELIMINARY REPORT. EF2 TORNADO WITH MAX WIND 115 MPH. BEGAN 4SW BAKER TO 2SW BAKER. WIDTH 100 YDS. 3 SHEDS AND 4 GRAIN BINS LEVELED AND DEBRIS CARRIED 100S OF YARDS. SEVERAL LARGE TREES SNAPPED. FARM EQUIP OVERTURNED. BRICK REMOVED FROM ONE SIDE OF HOME. ROOF DAMAGE TO 2 OTHERS. SURVEY WILL BE COMPLETED OVER THE WEEKEND.

0735 PM TSTM WND GST 5 N GOREVILLE 37.63N 88.97W
10/31/2013 M50.00 MPH WILLIAMSON IL TRAINED SPOTTER

50 MPH WINDS REPORTED NEAR DEVILS KITCHEN. STORM TOTAL FOR RAINFALL WAS 3.25 INCHES.

0750 PM TORNADO 1 S CREAL SPRINGS 37.60N 88.84W
10/31/2013 WILLIAMSON IL LAW ENFORCEMENT

...UNCONFIRMED...REPORTED BY OFF DUTY 911 OPERATOR. REPORTED WINDS AND RAINS INCREASED AND HEARD THE SOUND OF

A FREIGHT TRAIN.

0751 PM TORNADO 1 S CREAL SPRINGS 37.60N 88.84W
10/31/2013 WILLIAMSON IL NWS STORM SURVEY

NWS DAMAGE SURVEY CONFIRMS A EF1 TORNADO 1 S CREAL SPRINGS TO 4 E STONEFORT 751-804 PM. PEAK WIND 100 MPH. PATH WIDTH 175 YDS. PATH LENGTH 10 MILES. 3 BARNs AND 2 HOMES DAMAGED. NUMEROUS TREES UPROOTED AND SNAPPED. POWER LINES DOWN.

0759 PM TSTM WND DMG STONEFORT 37.62N 88.71W
10/31/2013 SALINE IL LAW ENFORCEMENT

UPDATE AT 0930 PM. 4 HOMES HAVE ROOF DAMAGE. SEVERAL TREES AND TREE LIMBS DOWN. SIGNS BLOWN OFF OF SUPPORT POLES.

0800 PM NON-TSTM WND DMG ST. CHARLES 37.19N 87.56W
10/31/2013 HOPKINS KY TRAINED SPOTTER

LARGE TREE LIMB BLOWN ONTO MOBILE HOME JUST OUTSIDE OF TOWN.

0803 PM TSTM WND DMG WYATT 36.91N 89.22W
10/31/2013 MISSISSIPPI MO FIRE DEPT/RESCUE

1 SHED DESTROYED. SIGNIFICANT DAMAGE TO BRICK BUILDING WITH ROOF DAMAGE AS WELL. SEVERAL CHEMICAL CONTAINERS THROWN A LONG DISTANCE INTO A FIELD. LARGE TREE DOWN. REPORTS FROM IN AND CLOSE TO TOWN. POSSIBLE TORNADO PENDING STORM DAMAGE SURVEY.

0805 PM TORNADO CARRIER MILLS 37.69N 88.63W
10/31/2013 SALINE IL LAW ENFORCEMENT

...UNCONFIRMED...TORNADO REPORTED AT CARRIER MILLS HEADING EAST. LATE REPORT.

0805 PM TORNADO WYATT 36.91N 89.22W
10/31/2013 MISSISSIPPI MO NWS STORM SURVEY

EF1 TORNADO BEGAN IN WYATT MO TRAVELED NE 6 MILES TO WICKLIFFE KY. PK WND 100 MPH. MAX WIDTH 200 YDS. HOMES IN WYATT HAD ROOF DAMAGE AND 1 BLDG HEAVILY DAMAGED. ROOF OF BARN DESTROYED. NUMEROUS TREES SNAPPED AND UPROOTED. CROP DAMAGE. POWER POLE DOWN AND TREES SNAPPED AND UPROOTED NEAR PAPER MILL IN WICKLIFFE.

0810 PM TSTM WND DMG STONEFORT 37.62N 88.71W
10/31/2013 SALINE IL LAW ENFORCEMENT

ROOF TORN OFF OF HOME IN THE COMMUNITY.

0810 PM TSTM WND GST 2 W HARRISBURG 37.74N 88.59W
10/31/2013 M62.00 MPH SALINE IL TRAINED SPOTTER

0822 PM TSTM WND DMG 3 E CUNNINGHAM 36.92N 88.86W
10/31/2013 CARLISLE KY LAW ENFORCEMENT

LATE REPORT. MOBILE HOME BLOWN OFF OF FOUNDATION.

0825 PM TORNADO CUNNINGHAM 36.92N 88.91W

10/31/2013 CARLISLE KY NWS STORM SURVEY

EF1 TORNADO BEGAN JUST SOUTH OF TOWN TO 3.6 MILES NE.
PEAK WIND 105 MPH. 200 YARDS WIDE AND 9 MILES LONG. LARGE
TREES SNAPPED AND UPROOTED. GLASS DOOR DESTROYED. NEARBY
HOMES RECEIVED MINOR ROOF AND SIDING DAMAGE. 2 SHEDS
DESTROYED. LARGE BARN LOST PART OF ROOF. CROP DAMAGE.
MOBILE HOME FLIPPED OVER.

0826 PM TSTM WND DMG MONKEYS EYEBROW 37.19N 88.99W
10/31/2013 BALLARD KY TRAINED SPOTTER

TREES DOWN.

0828 PM TSTM WND DMG CUNNINGHAM 36.92N 88.91W
10/31/2013 CARLISLE KY EMERGENCY MNGR

LATE REPORT. NUMEROUS TREES AND POWER LINES DOWN.
MULTIPLE WINDOWS BLOWN OUT OF HOMES NEAR THE INTERSECTION
OF HWY 62 AND CR 1015. DAMAGE FIELD PROCEEDED EAST ALONG
HWY 62.

0830 PM TSTM WND DMG BLANDVILLE 36.94N 88.96W
10/31/2013 BALLARD KY EMERGENCY MNGR

MOBILE HOME BLOWN OFF OF FOUNDATION.

0830 PM TORNADO 2 SW GAGE 36.97N 88.92W
10/31/2013 BALLARD KY NWS STORM SURVEY

LARGE SECTIONS OF TREES SNAPPED. MOBILE HOME MOVED OFF
FOUNDATION. PATH LENGTH 1/3RD OF A MILE. WIDTH
APPROXIMATELY 70 YARDS. NEAR JUNCTION OF FRAIZER AND
MARTIN ROADS. WINDS 80 MPH. TORNADO EF0.

0830 PM TSTM WND DMG BLANDVILLE 36.94N 88.96W
10/31/2013 BALLARD KY EMERGENCY MNGR

WIDESPREAD TREES DOWN WITH POWER OUTAGES.

0839 PM TORNADO 2 E MELBER 36.95N 88.69W
10/31/2013 MCCRACKEN KY NWS STORM SURVEY

EF1 TORNADO BEGAN 1.2E OF MELBER TO JUST S OF ST. JOHNS.
PK WND 100 MPH. WIDTH 200-250 YARDS. LENGTH 2.5 MILES.
TREES SNAPPED OR UPROOTED. HOME HAD GARAGE AND ROOF
DAMAGE. NEARBY HOMES RECEIVED ROOF/SHINGLE/SIDING/GUTTER
DAMAGE. CAMPER BLOWN OVER.

0848 PM TSTM WND DMG METROPOLIS 37.15N 88.71W
10/31/2013 MASSAC IL EMERGENCY MNGR

LARGE TREE FELL AGAINST HOUSE AT 18TH AND GIBBONS IN
METROPOLIS. TREE SEVERELY DAMAGED TRUSSES SEPARATING FRONT
WALL OF HOUSE FROM SIDE WALL.

0850 PM TSTM WND DMG REIDLAND 37.01N 88.53W
10/31/2013 MCCRACKEN KY EMERGENCY MNGR

PORCH BLOWN OFF BACK OF HOME ALONG FISHER ROAD.

0855 PM TSTM WND GST HENDERSON 37.84N 87.58W
10/31/2013 M54.00 MPH HENDERSON KY AWOS

MEASURED AT HENDERSON COUNTY AIRPORT.

0900 PM TSTM WND DMG N HENDERSON 37.84N 87.58W
10/31/2013 HENDERSON KY EMERGENCY MNGR

TWO TREES BLOWN DOWN BLOCKING ROADS IN NORTHERN SECTIONS OF HENDERSON CITY. ALSO REPORTS OF AN ELECTRICAL TRANSFORMER FIRE, POWER OUTAGES AND POWER LINES DOWN NORTH PARTS OF CITY.

0902 PM TSTM WND GST EVANSVILLE 37.98N 87.54W
10/31/2013 M55.00 MPH VANDERBURGH IN TRAINED SPOTTER

WINDS MEASURED IN ANGEL MOUNDS SUBDIVISION. TREES BENDING TOWARD THE GROUND.

0902 PM TSTM WND DMG CALVERT CITY 37.03N 88.35W
10/31/2013 MARSHALL KY NWS EMPLOYEE

UPDATE AT 1005 PM. INITIAL SURVEY INDICATES WIND SPEEDS 80 MPH. ROOF DAMAGE TO STRIP MALL ALONG OAK PARK BLVD. DOWNED POWER LINES. RUPTURED GAS LINES AND EMERGENCY RESPONDERS HAVED CLOSED OFF THE AREA. 2 BUILDINGS DAMAGED. ROOFS BLOWN OFF OF TWO BUSINESSES. MINOR ROOF DAMAGE REPORTED AT WESTLAKE.

0903 PM TORNADO CALVERT CITY 37.03N 88.35W
10/31/2013 MARSHALL KY NWS EMPLOYEE

NWS DAMAGE SURVEY CONFIRMS EF0 TORNADO SOUTH SIDE OF CALVERT CITY KY FROM LAUREL LANE NORTHEAST ACROSS HWY 62 ALONG OAK PARK BLVD ENDING NEAR OAK PARK AND 15TH AVE SE. PEAK WIND 85 MPH. AVG PATH WIDTH 50 YARDS. PATH LENGTH 0.4 MILES. METAL ROOFING REMOVED FROM ABOUT 2/3 OF A SMALL STRIP MALL WITH OTHER MINOR DAMAGE TO NEARBY STRUCTURES AS WELL. ONE LARGE TREE UPROOTED AND LIMBS BROKEN ON SEVERAL OTHER TREES.

0910 PM TSTM WND DMG NEWBURGH 37.95N 87.40W
10/31/2013 WARRICK IN PUBLIC

TREES DOWN. POWER LINE DOWN ACROSS A HOME NEAR THE INTERSECTION OF SYCAMORE AND GREY.

0910 PM TSTM WND DMG 5 N GRAND RIVERS 37.08N 88.24W
10/31/2013 LIVINGSTON KY NWS EMPLOYEE

3SW OF IUKA KENTUCKY...1 TREE DOWN AND SEVERAL LARGE LIMBS DOWN

0912 PM TSTM WND DMG HENDERSON 37.84N 87.58W
10/31/2013 HENDERSON KY EMERGENCY MNGR

WIDESPREAD POWER OUTAGES REPORTED.

0916 PM TSTM WND DMG 3 SE DYCUSBURG 37.13N 88.15W
10/31/2013 LYON KY NWS EMPLOYEE

A FEW LIMBS DOWN

0935 PM TSTM WND DMG 5 S AURORA 36.70N 88.14W
10/31/2013 CALLOWAY KY EMERGENCY MNGR

A LARGE BOAT DOCK, 2 FISHING BOATS, AND 2 PONTOON BOATS WERE LIFTED, AND FLIPPED UPSIDE DOWN INTO THE LAKE. DOCK WAS LOCATED AT WESTERN SHORES SOUTH LAKE PARK. PRELIMINARY ESTIMATE OF DAMAGE IS ONE QUARTER OF A MILLION DOLLARS.

0935 PM TSTM WND DMG KNOTTSTVILLE 37.77N 86.91W
 10/31/2013 DAVIESS KY TRAINED SPOTTER

LARGE TREE REPORTED DOWN, BLOCKING HIGHWAY 144 NEAR KNOTTSTVILLE IN EASTERN DAVIESS COUNTY. ROAD CREWS WORKING TO CLEAR ROADWAY.

0935 PM TSTM WND GST ROCKPORT 37.88N 87.05W
 10/31/2013 M68.00 MPH SPENCER IN TRAINED SPOTTER

0943 PM NON-TSTM WND GST UTICA 37.61N 87.11W
 10/31/2013 M65.00 MPH DAVIESS KY TRAINED SPOTTER

0949 PM TSTM WND GST CADIZ 36.87N 87.82W
 10/31/2013 M55.00 MPH TRIGG KY TRAINED SPOTTER

0951 PM TSTM WND DMG CADIZ 36.87N 87.82W
 10/31/2013 TRIGG KY TRAINED SPOTTER

NUMEROUS TREES DOWN.

1005 PM TSTM WND GST MORTONS GAP 37.24N 87.47W
 10/31/2013 E50.00 MPH HOPKINS KY TRAINED SPOTTER

Damage Surveys

Damage surveys were done in the counties in the table below.

MO	KY	IL
Cape Girardeau	Cunningham, KY	East Cape Girardeau, IL
Baker, MO	Wyatt, MO- Wickliffe, KY	Stonefort, IL
Leopold, MO	Melber, KY	
Dutchtown, MO	Gage, KY	
Broseley, MO	Calvert City, KY	
Harviell, MO	Dycusburg, KY	
Oxly, MO	Iuka, KY	
Dexter, MO	SE McCracken Cty, KY	
New Madrid, MO	Reidland, KY	
Wyatt, MO- Wickliffe KY		

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
925 PM CDT FRI NOV 1 2013

...Damage Survey Results for Cape Girardeau Missouri...

* *Event Type.....Microburst*

* Event Date.....Thursday October 31, 2013

* Event Time.....7:15 PM

* Event Location.....from along I-55 between Mile marker 94 and 96 east across the south side of Cape Girardeau mainly along and south of HWY 34.

* Peak Wind.....95 MPH

* AVG. Path Width....1.25 miles

* Path Length.....3.5 Miles

* Injuries.....None

* Fatalities.....None

* Damage Detail.....Dozens of trees...tree limbs and some power lines were blown down with mostly minor damage to several homes included loss of shingles. 1 commercial building in the Rusmar Street area received extensive roof and siding damage.

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Shanklin

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
915 PM CDT FRI NOV 1 2013

...Damage Survey Results for East Cape Girardeau Illinois... .

* *Event Type.....EF0 Tornado*

* Event Date.....Thursday October 31, 2013

* Event Time.....7:20 PM

* Event Location.....0.75 miles West of East Cape Girardeau to just east of East Cape Girardeau.

* Peak Wind.....80 MPH

* AVG. Path Width....175 YARDS

* Path Length.....1 MILE

* Injuries.....None

* Fatalities.....None

* Damage Detail.....numerous trees and tree branches blown down. shingle and other minor damage to several homes. a church steeple was blown off a church. some damage occurred to fencing and small sheds.

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Shanklin

PUBLIC INFORMATION STATEMENT...CORRECTED TO CHANGE END OF TORANDO
NATIONAL WEATHER SERVICE PADUCAH KY
741 PM CDT Fri Nov 1 2013

...PUBLIC INFORMATION STATEMENT...

...DAMAGE SURVEY RESULTS FOR CUNNINGHAM KENTUCKY TORNADO...

*** EVENT TYPE.....EF1 TORNADO**

* EVENT DATE.....THURSDAY OCTOBER 31, 2013

* EVENT TIME.....8:25 PM

* EVENT LOCATION.....JUST SOUTH OF CUNNINGHAM IN NORTHEASTERN
CARLISLE COUNTY TO 3.6 MILES EAST OF LOVELACEVILLE (MCCRACKEN
COUNTY KY)

* PEAK WIND.....105 MPH

* MAXIMUM PATH WIDTH....200 YARDS

* PATH LENGTH.....9 MILES

* INJURIES.....NONE

* FATALITIES.....NONE

* DAMAGE DETAILS.....THE DAMAGE BEGAN JUST SOUTH OF THE
INTERSECTION OF US 62 AND COUNTY ROAD 1015. AT THAT
LOCATION...A VERY LARGE BUT SHALLOW ROOTED TREE WAS UPROOTED. A
GLASS DOOR TO A HOME WAS DESTROYED WITH GLASS SCATTERED
THROUGHOUT THE HOME. THIS HOME ALONG WITH OTHER HOMES IN THE
IMMEDIATE AREA HAD MINOR ROOF AND SIDING DAMAGE. 2 SHEDS WERE
DESTROYED. FURTHER NORTHEAST...ALONG US 62 ON THE SOUTH SIDE OF
THE ROAD THERE WERE SEVERAL HOMES WITH SHINGLES MISSING AND ONE
HOME WITH THE GARAGE DOOR BLOWN IN. ON THE NORTH SIDE OF US
62...A LARGE WELL BUILT BARN SUSTAINED PARTIAL ROOF LOSS.
FOLLOWING US 62 NORTHEAST...THERE WERE MANY TREES
SNAPPED/UPROOTED OR LARGE BRANCHES BROKEN OFF AND BEAN FIELDS
FLATTENED. AN AMATEUR RADIO TOWER WAS BENT OVER AND MORE HOMES
HAD MINOR ROOF DAMAGE. A MOBILE HOME WAS FLIPPED OVER. TREE
DAMAGE WAS ALSO NOTED ON COLEMAN CUT ROAD...A FEW MILES EAST
OF LOVELACEVILLE.

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WIELGOS/TREVINO

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
809 PM CDT FRI NOV 1 2013

...PUBLIC INFORMATION STATEMENT...

...DAMAGE SURVEY RESULTS FOR WYATT MO-WICKLIFFE KY TORNADO...

*** EVENT TYPE.....EF1 TORNADO**

* EVENT DATE.....THURSDAY OCTOBER 31, 2013

* EVENT TIME.....8:05 PM

* EVENT LOCATION.....WYATT MO TO JUST SOUTH OF WICKLIFFE KY

- * PEAK WIND.....100 MPH
- * MAXIMUM PATH WIDTH....200 YARDS
- * PATH LENGTH.....6 MILES
- * INJURIES.....NONE
- * FATALITIES.....NONE
- * DAMAGE DETAILS.....THE DAMAGE BEGAN ON THE SOUTH SIDE OF THE TOWN OF WYATT MO. HOMES IN THIS AREA HAD ROOF DAMAGE AND A CONCRETE BLOCK BUILDING WAS HEAVILY DAMAGED. THE ROOF OF A LARGE POLE BARN WAS DESTROYED. NUMEROUS TREES/TREE LIMBS BROKEN OFF. THE TORNADO EXITED TOWN AROUND HWY EE AND CONTINUED TRAVELING NORTHEAST AND UPROOTED A LARGE TREE ON HWY HH. A SMALL CEMETERY OFF OF COUNTY RD 307 HAD SEVERAL LARGE TREE BRANCHES SNAPPED AND THE ADJACENT BEAN FIELD SHOWED SIGNS OF WIND DAMAGE. FURTHER NORTHEAST NEAR BREWER LAKE...SEVERAL TREES WERE SNAPPED OR LARGE BRANCHES BROKEN OFF. A FEW TREE TOPS WERE BROKEN OFF ON THE LEVEE NEAR THE RIVER. THE TORNADO APPEARS TO HAVE CROSSED THE RIVER AND IMPACTED THE NEW PAGE PAPER MILL JUST SOUTH OF WICKLIFFE...WHERE A POWER POLE WAS DOWN AND A FEW TREES WERE EITHER UPROOTED OR SNAPPED IN THAT AREA.

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WIELGOS/TREVINO

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
329 PM CDT Sun Nov 3 2013

...FINAL DAMAGE SURVEY RESULTS FOR SOUTHEAST STODDARD COUNTY MISSOURI...

- * ***EVENT TYPE.....EF2 TORNADO***
 - * EVENT DATE.....THURSDAY OCTOBER 31, 2013
 - * EVENT TIME.....7:24 PM
 - * EVENT LOCATION.....4 SW BAKER TO 2 SW BAKER.
 - * PEAK WIND.....115 MPH
 - * MAXIMUM PATH WIDTH....100 YARDS
 - * PATH LENGTH.....2 MILES
 - * INJURIES.....NONE
 - * FATALITIES.....NONE
 - * DAMAGE DETAILS.....3 SHEDS AND 4 GRAIN BINS LEVELED AND DEBRIS CARRIED 100S OF YARDS. SEVERAL LARGE TREES SNAPPED. FARM EQUIPMENT OVERTURNED. BRICK REMOVED FROM ONE SIDE OF HOME. ROOF DAMAGE TO 2 OTHERS. NO ADDITIONAL DAMAGE FOUND.
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PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
716 PM CDT FRI NOV 1 2013

...PUBLIC INFORMATION STATEMENT...

...DAMAGE SURVEY RESULTS FOR SOUTHERN MCCRACKEN COUNTY KY...

* **EVENT TYPE.....EF1 TORNADO**

- * EVENT DATE.....THURSDAY OCTOBER 31, 2013
 - * EVENT TIME.....8:39 PM
 - * EVENT LOCATION.....1.2 MILES EAST OF MELBER TO JUST SOUTH OF ST. JOHNS.
 - * PEAK WIND.....100 MPH
 - * MAXIMUM PATH WIDTH....200-250 YARDS
 - * PATH LENGTH.....2.5 MILES
 - * INJURIES.....NONE
 - * FATALITIES.....NONE
 - * DAMAGE DETAILS.....THE DAMAGE BEGAN AS TREES WERE SNAPPED JUST EAST OF MELBER ON COUNTY ROAD 1820. FURTHER NORTHEAST...A HOME ON ENGLERT RD (WEST OF RT 45) SUFFERED DAMAGE AS THE GARAGE WAS BLOWN IN AND PORCH WAS LIFTED UP AND DAMAGED. THIS CAUSED DAMAGE TO SHEETROCK INSIDE THE HOME. NUMEROUS TREES/BUSHES SNAPPED OR UPROOTED AND TREE LIMBS BROKEN OFF. OTHER HOMES WITH SHINGLE...SIDING AND GUTTER/SOFFIT DAMAGE ON ENGLERT RD. EAST OF RT 45 ON ENGLERT RD JUST SOUTH OF ST JOHNS...A CAMPER WAS BLOWN OVER AND A FEW MORE HOMES HAS MINOR ROOF DAMAGE AND TREES/TREE LIMBS DOWN.
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PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
536 PM CDT Fri Nov 1 2013

...DAMAGE SURVEY RESULTS FOR SOUTHEAST BOLLINGER COUNTY MISSOURI...

* **EVENT TYPE.....EF1 TORNADO**

- * EVENT DATE.....THURSDAY OCTOBER 31, 2013
- * EVENT TIME.....6:54 PM
- * EVENT LOCATION.....1 MILE WEST OF LEOPOLD TO 0.5 MILE EAST OF LEOPOLD.
- * PEAK WIND.....95 MPH
- * MAXIMUM PATH WIDTH....200 YARDS
- * PATH LENGTH.....1.5 MILES
- * INJURIES.....NONE
- * FATALITIES.....NONE
- * DAMAGE DETAILS.....DOZENS OF TREES SNAPPED AND UPROOTED WITH A PAVILION DAMAGED FROM FALLEN TREE. SOME SHINGLES OFF A FEW HOMES.

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SHANKLIN/BLANCHARD

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
503 PM CDT FRI NOV 1 2013

...DAMAGE SURVEY RESULTS FOR SOUTHERN BALLARD COUNTY KENTUCKY...

* **EVENT TYPE.....EF0 TORNADO**

- * EVENT DATE.....THURSDAY OCTOBER 31, 2013
- * EVENT TIME.....8:30 PM
- * EVENT LOCATION.....2 MILES SOUTHWEST OF GAGE KENTUCKY
- * PEAK WIND.....80 MPH
- * MAXIMUM PATH WIDTH....70 YARDS
- * PATH LENGTH.....0.33 MILES
- * INJURIES.....NONE
- * FATALITIES.....NONE
- * DAMAGE DETAILS.....LARGE SECTIONS OF TREES SNAPPED.
MOBILE HOME MOVED OFF FOUNDATION. PATH LENGTH 1/3RD OF A MILE.
WIDTH APPROXIMATELY 70 YARDS. NEAR JUNCTION OF FRAIZER
AND MARTIN ROADS. WINDS 80 MPH. TORNADO EF0.

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PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
356 PM CDT FRI NOV 1 2013

...DAMAGE SURVEY RESULTS FOR SOUTHERN CAPE GIRARDEAU COUNTY NEAR
DUTCHTOWN...

* **EVENT TYPE.....EF1 TORNADO**

- * EVENT DATE.....THURSDAY OCTOBER 31, 2013
- * EVENT TIME.....7:05 PM TO 7:09 PM
- * EVENT LOCATION.....3 MILES NORTHWEST OF DUTCHTOWN TO 2.5 MILES
NORTHEAST OF DUTCHTOWN
- * PEAK WIND.....105 MPH
- * MAXIMUM PATH WIDTH....150 YARDS
- * PATH LENGTH.....4.25 MILES
- * INJURIES.....NONE
- * FATALITIES.....NONE
- * DAMAGE DETAILS.....NUMEROUS TREES UPROOTED OR SNAPPED. HOUSE
SHIFTED SLIGHTLY OFF FOUNDATION AND ROOF LIFTED AND SHIFTED
SLIGHTLY. AT LEAST TWO OTHER HOUSES WITH ROOF DAMAGE FROM
FALLEN TREES AND POWER LINES. 1 BARN LEVELED AND SEVERAL OTHERS
WITH ROOF DAMAGE.

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SHANKLIN/BLANCHARD

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
347 PM CDT FRI NOV 1 2013

...DAMAGE SURVEY RESULTS FOR SOUTHEAST WILLIAMSON AND EXTREME
SOUTHWEST SALINE COUNTIES IN ILLINOIS...

* ***EVENT TYPE.....EF1 TORNADO***

- * EVENT DATE.....THURSDAY OCTOBER 31, 2013
- * EVENT TIME.....7:51 PM TO 8:04 PM
- * EVENT LOCATION.....1 MILE SOUTH OF CREAL SPRINGS TO 4 MILES EAST
OF STONEFORT
- * PEAK WIND.....100 MPH
- * MAXIMUM PATH WIDTH....175 YARDS
- * PATH LENGTH.....10 MILES
- * INJURIES.....NONE
- * FATALITIES.....NONE
- * DAMAGE DETAILS.....3 BARNS AND 2 HOMES DAMAGED. NUMEROUS
TREES UPROOTED AND SNAPPED. POWER LINES DOWN.

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SPODEN/LUDINGTON

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
827 AM CDT FRI NOV 1 2012

...Damage Survey Results for Calvert City Kentucky Damage...

* ***Event Type.....EF0 Tornado***

- * Event Date.....Thursday October 31, 2013
- * Event Time.....9:03 PM
- * Event Location.....South Side of Calvert City KY from Laurel Lane
northeast across HWY 62 and along Oak Park Blvd ending near Oak Park
and 15th Ave SE.
- * Peak Wind.....85 MPH
- * AVG. Path Width....50 YARDS
- * Path Length.....0.4 MILES
- * Injuries.....None
- * Fatalities.....None
- * Damage Detail.....Metal Roofing removed from about 2/3 of a
small strip mall with other minor damage damage to structures as
well. one large tree was uprooted and limbs were broken on several
other trees.

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Shanklin

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
331 PM CDT Sun Nov 3 2013

...Final Damage Survey Results for Broseley Missouri in Butler County...

- * ***Event Type.....EF1 Tornado***
- * Event Date.....Thursday October 31, 2013
- * Event Time.....6:48 PM
- * Event Location.....1.5 NW Broseley to 5.5 NE Broseley
- * Peak Wind.....100 MPH
- * Max Path Width.....75 yards
- * Path Length.....5.5 Miles
- * Injuries.....None
- * Fatalities.....None
- * Damage Detail.....One mobile home overturned. Shingle damage to one home. Another home had partial roof loss. Overturned agricultural center pivot irrigation system. Several large trees and branches snapped. Survey complete. No changes.

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PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
840 PM CDT Sat Nov 2 2013

...Damage Survey Results for Harviell Missouri in Butler County...

- * ***Event Type.....EF1 Tornado***
- * Event Date.....Thursday October 31, 2013
- * Event Time.....6:30 PM
- * Event Location.....2.5 south of Harviell
- * Peak Wind.....95 MPH
- * Path Width.....50 yards
- * Path Length.....Brief touchdown
- * Injuries.....None
- * Fatalities.....None
- * Damage Detail.....Large wood framed mechanics shed destroyed. Several trees snapped and one large tree uprooted. Carport destroyed.

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY

826 PM CDT Sat Nov 2 2013

...Damage Survey Results for Oxly Missouri in Ripley County...

*** Event Type.....EF1 Tornado**

- * Event Date.....Thursday October 31, 2013
- * Event Time.....6:11 PM
- * Event Location.....2.5 WSW Oxly to 2.5 SE of Oxly.
- * Peak Wind.....95 MPH
- * Path Width.....150 yards
- * Path Length.....5 Miles
- * Injuries.....None
- * Fatalities.....None
- * Damage Detail.....Many trees snapped and uprooted. An attached carport torn from home. One home had the roof deck lifted, damaging much of the interior walls. Debris missiles impaled into the ground up to 2 feet deep. Several other homes received minor shingle damage.

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
1136 AM CDT SAT NOV 2 2013

...Damage Survey Results for Lyon County Kentucky...

*** Event Type.....Straight Line Winds**

- * Event Date.....Thursday October 31, 2013
- * Event Time.....9:16 PM
- * Event Location.....3SE of Dycusburg, Kentucky mainly along HWY 295
- * Peak Wind.....65 MPH
- * Damage Detail.....A few limbs down

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Shanklin

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
1133 AM CDT SAT NOV 2 2013

...Damage Survey Results for Livingston County Kentucky...

*** Event Type.....Straight Line Winds**

- * Event Date.....Thursday October 31, 2013
- * Event Time.....9:10 PM
- * Event Location.....3SW of Iuka, Kentucky mainly along HWY 453
- * Peak Wind.....75 MPH
- * Damage Detail.....1 tree down and several large limbs down

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Shanklin

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
339 PM CDT Sun Nov 3 2013

...Damage survey results for Stoddard County Missouri between Dexter and Bernie...

* *Event Type.....EF1 Tornado*

- * Event Date.....Thursday October 31, 2013
- * Event Time.....7:02 PM
- * Event Location.....5 Miles NW of Bernie to 5.5 Miles SE of Essex
- * Peak Wind.....105 MPH
- * Max Path Width.....100 yards
- * Path Length.....13.6 Miles
- * Injuries.....None
- * Fatalities.....None
- * Damage Detail.....Numerous large branches down. Several trees snapped, or uprooted. Grain building dented. Several outbuildings damaged or destroyed. Home had bricks removed and windows blown out. Cotton from bails was lofted and tossed into trees nearby. Notable circulation track observed in a bean field.

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
428 PM CDT Fri Nov 8 2013

...Damage survey results for Northern New Madrid Missouri...

* *Event Type.....EF1 Tornado*

- * Event Date.....Thursday October 31, 2013
 - * Event Time.....740 PM
 - * Event Location.....5 miles SSW of Sikeston along Hwy FF to 3.8 miles S of Sikeston along Hwy 61.
 - * Peak Wind.....100 MPH
 - * Max Path Width.....50 yards
 - * Path Length.....3 Miles
 - * Injuries.....None
 - * Fatalities.....None
 - * Damage Detail.....On Hwy FF, a power pole was snapped and a metal building (approximately 14X16) was destroyed. On Hwy 61, a large metal building door was blown in with another door partially blown out along with some siding damage. Two grain augers were blown over and several grain pipes from 3 to 16 inches were blown around including two across Hwy 61. One of the poles impaled a passing vehicle shattering a window. A power pole was also snapped and metal fencing was pushed over at Hwy 61.
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PUBLIC INFORMATION STATEMENT...CORRECTED
NATIONAL WEATHER SERVICE PADUCAH KY
334 PM CST THU NOV 7 2013

...NWS DAMAGE SURVEY FOR 10/31/13 TORNADO EVENT IN SOUTHEAST
MCCRACKEN COUNTY...

RATING: **EF-0**

ESTIMATED PEAK WIND: 75 MPH
PATH LENGTH /STATUTE/: 3/4 MILE
PATH WIDTH /MAXIMUM/: 60 YARDS
FATALITIES: 0
INJURIES: 0
START DATE: OCT 31 2013
START TIME: 0848 PM CDT (ESTIMATED)
START LOCATION: JUST SOUTH OF THE INTERSECTION OF HWY 131
 AND POWERS RD
END DATE: OCT 31 2013
END TIME: 0849 PM CDT (ESTIMATED)
END LOCATION: TILL LANE

SURVEY SUMMARY:

UPROOTED TREE NEAR CREEK BED...TOP OUT OF LARGE PINE TREE...LARGE
SEMI ROTTEN TREE SPLIT...PORCH ROOF REMOVED. MOST OF THIS DAMAGE
OCCURRED ALONG MCINTOSH RD.

...NWS DAMAGE SURVEY FOR REIDLAND KENTUCKY TORNADO EVENT OCTOBER 31 2013...

RATING: **EF-1**

ESTIMATED PEAK WIND: 90 MPH
PATH LENGTH /STATUTE/: 1/4 MILE
PATH WIDTH /MAXIMUM/: 40 YARDS
FATALITIES: 0
INJURIES: 0

START DATE: OCT 31 2013
START TIME: 850 PM CDT (ESTIMATED)
START LOCATION: FANTASY LANE
START LAT/LON: 37.026/-88.541
END DATE: OCT 31 2013
END TIME: 851 PM CDT (ESTIMATED)
END LOCATION: NEAR THE INTERSECTION OF MYRNA DR AND
 EPPERSON RD IN REIDLAND, KY
END_LAT/LON: 37.024/-88.535

SURVEY SUMMARY:

NUMEROUS LARGE HARDWOOD TREE BRANCHES APPROXIMATELY ONE FOOT
IN DIAMETER BROKEN/SPLIT. ONE LARGE HARDWOOD TREE COMPLETELY
UPROOTED. ROOF/SHINGLE DAMAGE TO SEVERAL HOMES.