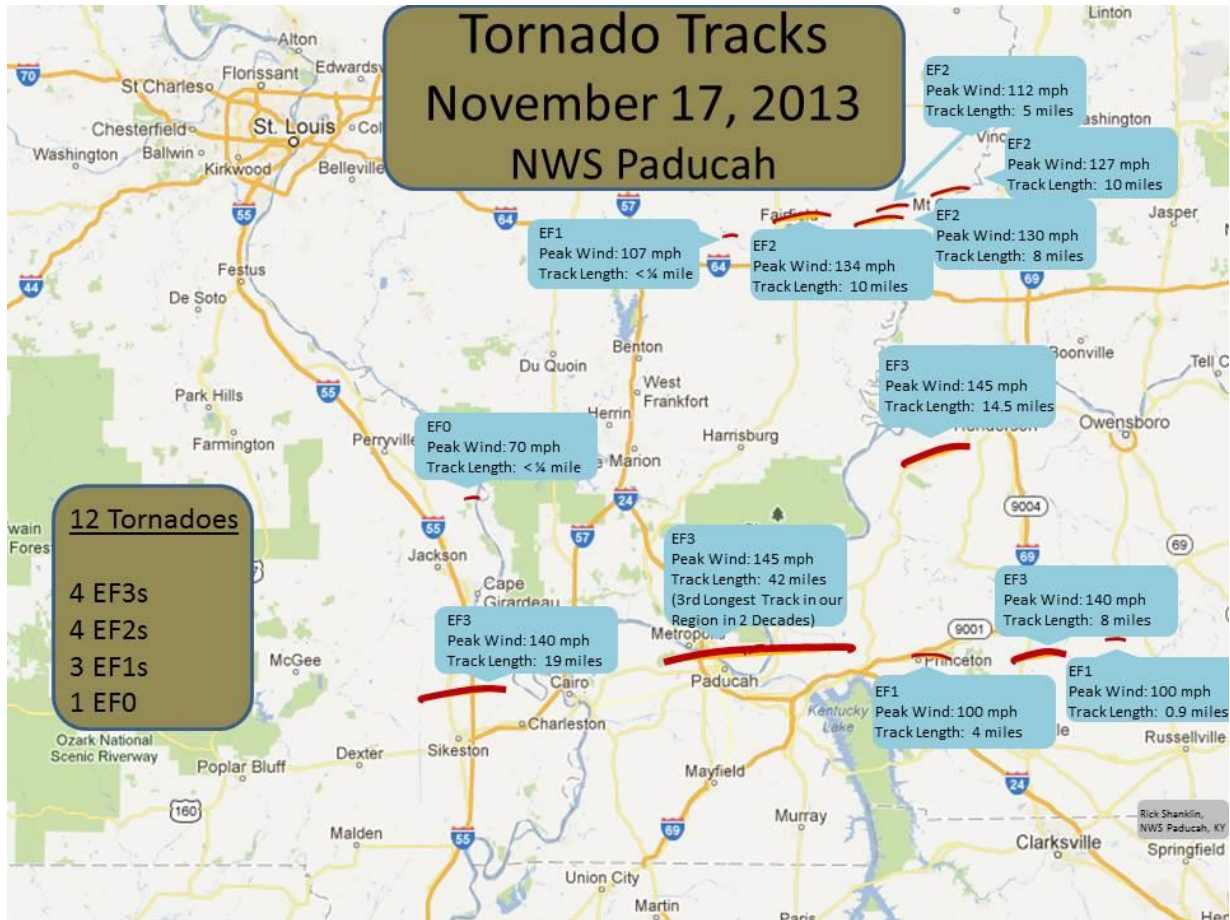


# Tornado Outbreak November 17, 2013

A major severe weather outbreak unfolded on Sunday as numerous tornadoes were spawned from supercell thunderstorms that formed in an unstable and highly sheared atmosphere. Provided below are results of several damage surveys conducted by the National Weather Service in Paducah over the past few days. Additional damage assessments are scheduled to take place in Scott County of southeast Missouri today.





Damage in Brookport, IL from Brookport Tornado.

**...DAMAGE SURVEY RESULTS FOR MCCRACKEN, MASSAC, POPE, LIVINGSTON, AND LYON COUNTIES...**

NOTE: THIS DAMAGE TRACK STARTS IN KENTUCKY, PASSES THROUGH ILLINOIS, AND ENDS IN KENTUCKY.

SURVEY IS NOW COMPLETE.

- \* EVENT TYPE.....**EF3 TORNADO**
- \* EVENT DATE.....**SUNDAY, NOVEMBER 17, 2013**

\* EVENT TIME.....205 PM-256 PM  
\* EVENT LOCATION....WOODVILLE KY TO 3 MILES NW OF EDDYVILLE KY  
\* PEAK WIND.....145 MPH  
\* MAX PATH WIDTH.....500 YARDS (AVERAGE WIDTH APPROX. 225 YARDS)  
\* PATH LENGTH.....42 MILES  
\* INJURIES.....13 PLUS  
\* FATALITIES.....3

\* DAMAGE DETAIL.....IN MCCRACKEN COUNTY: ABANDONED MOBILE HOME DEMOLISHED, UNDERCARRIAGE REMAINED. MANY HOUSES HAD DAMAGE TO SHINGLES AND SIDING. SOME METAL ROOFS SLIGHTLY DAMAGED. WOODEN FENCE RIPPED FROM GROUND. CHAIN LINK FENCES BLOWN OVER. TREES UPROOTED OR SNAPPED OFF, SOME STRIKING HOMES. CHURCH FOYER DESTROYED. ROAD SIGNS BENT. DAMAGE RATED EF-0/EF-1.

AT USEC, THREE METAL ROLL-UP DOORS ON MAIN PROCESSING BUILDING BLOWN IN ON WINDWARD SIDE. THIS CAUSED SOME WALL PANELS ON THE LEEWARD SIDE OF THE LARGE BUILDING TO BLOW OUT. THE TOPS OF THREE STEEL POWER TRANSMISSION TOWERS BENT OVER. A FEW POWER LINES SNAPPED. COOLING TOWER SHROUDS BLOWN OFF; SOME SIDING ON ONE COOLING TOWER DAMAGED. TRAIN CAR COVERS BLOWN OFF. ONE SPORT UTILITY VEHICLE SHOVED 30 YARDS INTO A DITCH, ACROSS THE TORNADO PATH. DAMAGE AT USEC RATED EF-2.

IN MASSAC COUNTY: DOZENS OF MOBILE HOMES DESTROYED, MANY BLOWN 100 FEET OR MORE. ONE HOME LEVELLED WITH DOZENS OF HOMES, GARAGES, STORAGE BUILDINGS, BUSINESSES AND OTHER BUILDINGS STRUCTURALLY DAMAGED. SEVERAL CARS AND A SCHOOL BUS TOSSED AROUND. AT LEAST HUNDREDS OF TREES SNAPPED AND UPROOTED. DAMAGE WAS IN BROOKPORT AND ALONG AND NORTH OF UNIONVILLE ROAD TO THE OHIO RIVER SOUTHWEST OF HAMLETSBURG, AND RATED EF-3.

IN LIVINGSTON COUNTY: SEVERAL MOBILE HOMES WERE DESTROYED. DAMAGE RATED EF-1/EF-2.

IN LYON COUNTY: DAMAGE WAS PRIMARILY UPROOTED TREES, AND RATED EF-0/EF-1.

### **...DAMAGE SURVEY RESULTS FOR CALDWELL COUNTY NEAR PRINCETON...**

\* EVENT TYPE.....**EF1 TORNADO**  
\* EVENT DATE.....SUNDAY, NOVEMBER 17, 2013  
\* EVENT TIME.....318 PM CST (APPROXIMATE)  
\* EVENT LOCATION.....3 MILES NORTHWEST OF PRINCETON TO 1 MILE NORTHEAST OF PRINCETON  
\* PEAK WIND.....100 MPH  
\* MAX PATH WIDTH.....200 YARDS  
\* PATH LENGTH.....4 MILES  
\* INJURIES.....0  
\* FATALITIES.....0  
\* DAMAGE DETAIL.....PARTIAL ROOF AND WALL LOSS TO LARGE METAL BUILDING. SEVERAL POWER POLES SNAPPED. PORCH LIFTED UP FROM FRONT OF HOUSE. SEVERAL HOUSES AND BUSINESSES WITH PARTIAL SHINGLE LOSS. DOZENS OF TREES SNAPPED OR UPROOTED.

### **...DAMAGE SURVEY RESULTS FOR SOUTHEAST HOPKINS COUNTY KENTUCKY...**

\* EVENT TYPE.....**EF3 TORNADO**  
\* EVENT DATE.....SUNDAY, NOVEMBER 17, 2013  
\* EVENT TIME.....332 PM TO 340 PM CST  
\* EVENT LOCATION.....4 MILES SOUTHWEST OF NORTONVILLE TO 3 MILES SOUTHEAST OF WHITE PLAINS  
\* PEAK WIND.....140 MPH  
\* MAX PATH WIDTH.....200 YARDS  
\* PATH LENGTH.....8 MILES  
\* INJURIES.....1 MINOR INJURY  
\* FATALITIES.....0  
\* DAMAGE DETAIL.....4 HOMES DESTROYED, INCLUDING 1 DOUBLE WIDE MOBILE HOME. A DOZEN HOMES WITH MINOR TO MODERATE DAMAGE. SEVERAL SHEDS AND BARNS DESTROYED. HUNDREDS OF TREES, SOME VERY LARGE, SNAPPED AND UPROOTED. MOST OF THE MAJOR DAMAGE WAS ALONG RED HILL ROAD.



### ...DAMAGE SURVEY RESULTS FOR MUHLENBERG COUNTY...

\* EVENT TYPE.....EF1 TORNADO  
\* EVENT DATE.....SUNDAY, NOVEMBER 17, 2013  
\* EVENT TIME.....350 PM CST  
\* EVENT LOCATION.....5.5 MILES SOUTHWEST OF GREENVILLE KY  
\* PEAK WIND.....100 MPH  
\* MAX PATH WIDTH.....80 YARDS  
\* PATH LENGTH.....0.9 MILES  
\* INJURIES.....0  
\* FATALITIES.....0  
\* DAMAGE DETAIL.....THIS FAST MOVING TORNADO TOUCHED DOWN NEAR TWO OLDER MOBILE HOMES ON GREENS CHAPEL ROAD...TEARING PARTS OF THE ROOF OFF BOTH HOMES AND TOPPLING TREES. THE TORNADO THEN MOVED EAST-SOUTHEAST UP A KNOLL...WHERE IT BUCKLED THE WEST-FACING DOOR OF AN ATTACHED GARAGE...ALLOWING THE 100 MPH WINDS TO BLOW OUT THE SIDE WALLS...INCLUDING PART OF THE CINDER BLOCK FOUNDATION. SEVERAL LARGE TREES AROUND THE HOME WERE EITHER UPROOTED OR SNAPPED AND PATIO FURNITURE WAS SCATTERED UP TO 100 YARDS TO THE EAST. THE TORNADO CONTINUED OVER OPEN PASTURE BEFORE TEARING THE ROOF AND TWO WALLS OFF A METAL OUTBUILDING AND UPROOTING SEVERAL TREES. JUST BEFORE CROSSING HIGHWAY 189...THE PATIO ROOF OF A BRICK HOME WAS TORN OFF AND BLOWN 100 YARDS TO THE NORTHEAST...ALONG WITH ADDITIONAL TREE DAMAGE.THE TORNADO CONTINUED 200 YARDS EAST OF HIGHWAY 189...WHERE IT SNAPPED SEVERAL TREE TRUNKS 30 FEET HIGH BEFORE LIFTING.

### ...DAMAGE SURVEY RESULTS FOR UNION AND HENDERSON COUNTIES...

\* EVENT TYPE.....EF3 TORNADO  
\* EVENT DATE.....SUNDAY, NOVEMBER 17, 2013  
\* EVENT TIME.....241 PM  
\* EVENT LOCATION.....1.2 MILES NORTHWEST OF MORGANFIELD TO 1 MILE EAST OF CORYDON.  
\* PEAK WIND.....145 MPH  
\* MAX PATH WIDTH.....200 YARDS  
\* PATH LENGTH.....14.5 MILES  
\* INJURIES.....0  
\* FATALITIES.....0  
\* DAMAGE DETAIL.....CHURCH ROOF LIFTED AND BLOWN SIDWAYS. NUMEROUS HOMES WITH ROOF DAMAGE...SOME SUBSTANTIAL STRUCTURAL DAMAGE. ONE HOME WITH TOTAL ROOF LOSS. NUMEROUS HARDWOOD TREES SNAPPED OR UPROOTED...SOME WERE VERY LARGE. SEVERAL BARNs AND OUTBUILDINGS DESTROYED. ONE MOBILE HOME SLID OFF FOUNDATION. ANOTHER MOBILE HOME DISINTEGRATED (NO WALLS...ROOF OR FLOORING FOUND) AND STEEL I-BEAM UNDERCARRIAGE THROWN 50 YARDS WITH TIE DOWN STRAPS SHEARED OFF (THEY WERE IN CONCRETE). LARGE STEEL CONSTRUCTED BARNs/STORAGE BUILDINGS DESTROYED...STEEL I-BEAMS ALONG ROOF WERE TWISTED. FULL GRAIN BINS HAD TOPS BLOWN OFF. METAL FOUND IN FIELDS AND WRAPPED AROUND TREES ALONG PATH. NUMEROUS POWER LINES DOWN...SOME POWER POLES BLOWN OVER. ONE WELL BUILT HOME HAD A TWO CAR GARAGE COMPLETELY RIPPED OFF. WINDOWS AND DOORS ALSO BLOWN OUT OF HOME ALONG WITH SIDING/ROOF DAMAGE.

### ...DAMAGE SURVEY RESULTS FOR SOUTHEAST PERRY COUNTY MISSOURI...

\* EVENT TYPE.....EF0 TORNADO  
\* EVENT DATE.....SUNDAY, NOVEMBER 17, 2013  
\* EVENT TIME.....1226 PM  
\* EVENT LOCATION.....2.5 MILES SOUTHWEST OF FROHNA...NEAR INDIAN CREEK  
\* PEAK WIND.....70 MPH  
\* MAX PATH WIDTH.....50 YARDS  
\* PATH LENGTH.....150 YARDS (BRIEF TOUCHDOWN)  
\* INJURIES.....0  
\* FATALITIES.....0  
\* DAMAGE DETAIL.....A BRIEF TOUCHDOWN TOOK DOWN SMALL TO MEDIUM TREES AND TREE

