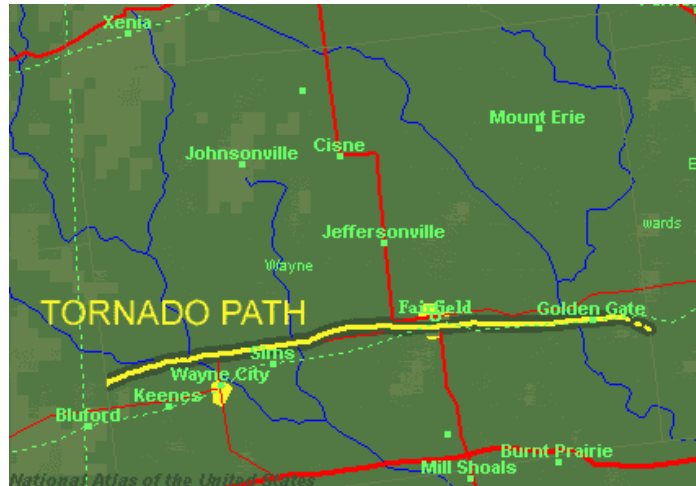


APRIL, 2002 TORNADOES

Wayne County Illinois Tornado: April 21, 2002



The tornado entered Wayne County about a half mile north of Illinois Route 15, then proceeded to move northeast to a point about 1.5 miles north of Wayne City. The tornado then paralleled Route 15 just north of Sims. The tornado continued moving east toward Fairfield, and passed through the southern part of Fairfield with F-3 intensity winds. The tornado then travelled slightly south of east toward Golden Gate. The tornado weakened east of Golden Gate and finally dissipated in extreme eastern Wayne County near Ellery. The sole fatality occurred 4 miles west of Wayne City, when a 47-year-old man was killed inside his mobile home. Of the 42 hospital-treated injuries, 13 were critical. A total of 35 homes were destroyed, and 16 received major damage. The average wind speed in the tornado was 130 to 170 MPH, with peak winds at or approaching 200 MPH. The F-3 damage was located near Sims, southern sections of Fairfield, near Merriam, and areas west and north of Wayne City. Vehicles were picked up and deposited in houses. Well-constructed houses lost roofs and some walls. Weaker structures, including a tavern near Sims, were demolished.









TORNADO PICS BY MARY HURLEY



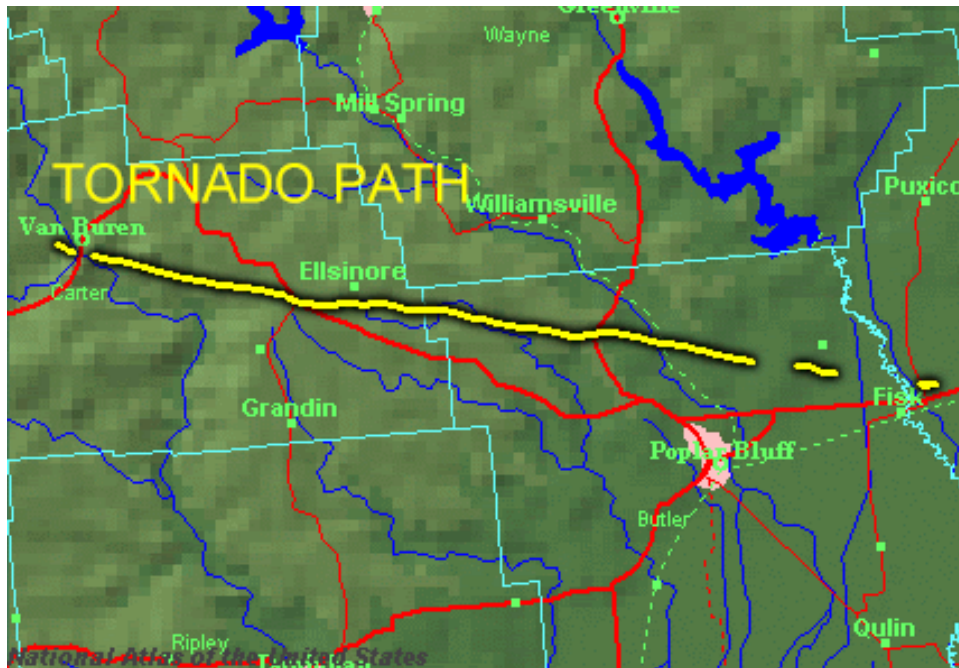






CARTER/BUTLER COUNTY MO TORNADO:

April 24, 2002



The tornado damage path began on the west side of Van Buren, right along the Current River, and crossed U.S. Route 60 very close to the Current River bridge. Two businesses in Van Buren, a lodge and a restaurant, were heavily damaged by F-2 intensity winds. The tornado travelled southeast across hilly and forested terrain until reaching the community of Ellsinore. Damage on the south side of Ellsinore was severe, where about 7 businesses were destroyed. Most of the damage at Ellsinore, which was inflicted by F-4 intensity winds, occurred along and near U.S. Highway 60. Across Carter County, 13 homes were destroyed and 12 homes suffered major damage. The tornado then moved into the Mark Twain National Forest and crossed into Butler County north of Highway 60.

The tornado crossed into Butler County in the Mark Twain National Forest, then proceeded east-southeast, passing 6 to 7 miles north of Poplar Bluff. An upscale residential subdivision beyond the northern outskirts of Poplar Bluff, just off U.S. Route 67, received extensive damage. At least two well-constructed homes were levelled by peak winds estimated around 210 MPH. A total of 50 homes were destroyed in Butler County, 16 others received major damage, and 30 homes received minor damage. Most of the damaged homes were north of Poplar Bluff. Total damage figures for Butler County included timber losses in the national forest. The total number of injuries requiring hospital care that were directly attributed to the storm was 16. Five of the injured were admitted in critical condition. There were no fatalities from the storm. A woman who lived off U.S. Highway 67 took shelter in her bathtub. She reported that she and the bathtub were blown about 200 feet. She was reportedly found in the median of the highway. She was treated for a cracked sternum, broken ribs, a broken toe, and bruised lungs. In another incident on Highway 67, a large chunk of asphalt was blown through a vehicle's window, striking one of the people inside. The car was extensively damaged when it was blown off the road, but the 3 people inside received only cuts and bruises.

PUBLIC INFORMATION STATEMENT...RETRANSMISSION
NATIONAL WEATHER SERVICE PADUCAH KY
550 PM CDT THU APR 25 2002

...PRELIMINARY TORNADO ASSESSMENT FOR CARTER AND BUTLER COUNTIES IN MISSOURI...

...*** DENOTES UPDATED INFORMATION...

ON APRIL 25TH 2002 A REPRESENTATIVE FROM THE NATIONAL WEATHER SERVICE IN PADUCAH KENTUCKY IS CONDUCTING A SURVEY OF STORM DAMAGE IN CARTER AND BUTLER COUNTIES IN SOUTHEAST MISSOURI. THE FOLLOWING ARE THE PRELIMINARY FINDINGS OF THIS INVESTIGATION THAT IS ONGOING.

- * EVENT DATE: 24 APR 2002
- * EVENT TYPE: PRELIMINARY RESULTS REFLECT F4 TORNADO DAMAGE
- * ESTIMATED MAX WIND SPEED: 210 MPH
- * PRELIMINARY ESTIMATED INITIAL TIME OF TOUCHDOWN...423PM
- * DAMAGE PATH WIDTH: 650 YARDS...AT ONE OF ITS WIDEST POINTS
- * DAMAGE AREA: THE TORNADO DAMAGE PATH BEGAN ON THE WEST SIDE OF VAN BUREN MISSOURI (CARTER COUNTY) RIGHT ON THE RIVER. THE TORNADO THEN TRAVELED SOUTHEAST TO ELLSINORE AND THEN TO WILBY...WHICH IS JUST NORTH OF POPLAR BLUFF. THE TORNADO TRACKED ABOUT 2 AND 1/2 MILES WEST OF ROMBAUER...WHICH IS JUST WEST OF HIGHWAY T. THE TORNADO TRAVELED CONTINUOUSLY ON THE GROUND FOR ABOUT 38 MILES...BEFORE LIFTING. HOWEVER...THE TORNADO THEN TOUCHED DOWN AGAIN BETWEEN HIGHWAY T AND HIGHWAY Z...ABOUT A MILE SOUTHWEST OF ROMBAUER...AND ENDED AT HIGHWAY Z.
- * DAMAGE PATH LENGTH: 38 MILES
- ***DAMAGE: APPROXIMATELY 6 HOMES COMPLETELY LEVELED...AT LEAST 2 OF THESE HOMES WERE LOCATED IN THE PINE CONE SUBDIVISION. EARLY ESTIMATES SUGGEST THAT DAMAGE OCCURRED TO AT LEAST 130 HOMES IN BUTLER COUNTY ALONE. 50 HOMES IN CARTER COUNTY ARE DAMAGED BEYOND REPAIR OR DESTROYED.

A PRELIMINARY REPORT WAS PROVIDED TO THE NATIONAL WEATHER SERVICE IN PADUCAH VIA THE STATE OF MISSOURI EMERGENCY MANAGEMENT AGENCY. THIS REPORT STATED THAT THE AMERICAN RED CROSS REPORTED THAT 30 HOMES WERE DESTROYED...16 ADDITIONAL HOMES HAVE MAJOR DAMAGE AND 150 HOMES HAVE MINOR DAMAGE IN THE POPLAR BLUFF AREA IN BUTLER COUNTY. AROUND 40 TO 50 HOMES WERE DESTROYED IN ELLSINORE (CARTER COUNTY)...AND 7 BUSINESSES TOTALLY DESTROYED WHICH MADE UP THE CORE OF THE TOWN. TWO BUSINESSES WERE SEVERELY DAMAGED IN VAN BUREN.
- ***DAMAGE COST: 30 MILLION DOLLARS IN BUTLER COUNTY...FIGURE NOW INCLUDES DAMAGE IN THE MARK TWAIN NATIONAL FOREST. CARTER COUNTY DAMAGE ESTIMATED AT 15 MILLION DOLLARS.
- * INJURIES: THE TOTAL PHYSICAL INJURIES REQUIRING HOSPITAL CARE THAT WERE DIRECTLY ATTRIBUTED TO THE STORM WAS 16...5 OF WHICH WERE CRITICAL.
- * FATALITIES: NONE

* ADDITIONAL FINDINGS: THE HAZARDOUS WEATHER OUTLOOK ISSUED AT 436 PM CDT ON TUESDAY (APRIL 23RD) STATED THAT THERE WAS A SLIGHT RISK OF SEVERE THUNDERSTORMS OVER THE ENTIRE AREA DURING THE DAY ON WEDNESDAY. IT ALSO STATED THAT A BROKEN LINE OF THUNDERSTORMS ...POSSIBLY SEVERE...WILL LIKELY DEVELOP OVER SOUTHEAST MISSOURI BY EARLY WEDNESDAY AFTERNOON. THE HAZARDOUS WEATHER OUTLOOK ISSUED AT 700 AM CDT ON WEDNESDAY (APRIL 24TH) STATED THAT A SLIGHT RISK OF SEVERE THUNDERSTORMS CONTINUED OVER THE QUAD STATE REGION THAT AFTERNOON AND EVENING. IT ALSO CONTINUED TO INDICATE THAT A BROKEN LINE OF POSSIBLY SEVERE THUNDERSTORMS WAS EXPECTED TO FORM IN THE EARLY AFTERNOON HOURS OVER SOUTH CENTRAL MISSOURI. AT 1222 PM CDT...AN UPDATED HAZARDOUS WEATHER OUTLOOK WAS ISSUED. IT STATED THAT THE THREAT FOR SEVERE WEATHER WOULD INCREASE DRAMATICALLY IN THE AFTERNOON...AND THAT ISOLATED TORNADOES WERE POSSIBLE.

THE PUBLIC FORECASTS ISSUED FROM 330 PM MONDAY AFTERNOON THROUGH WEDNESDAY AFTERNOON CONTINUED TO FORECAST THUNDERSTORMS AND THE POSSIBILITY FOR SOME OF THE THUNDERSTORMS TO BECOME SEVERE ON WEDNESDAY.

AT 230 PM CDT ON WEDNESDAY...THE STORM PREDICTION CENTER ISSUED A TORNADO WATCH FOR PORTIONS OF CENTRAL AND SOUTHERN ILLINOIS... AND SOUTH CENTRAL AND SOUTHEASTERN MISSOURI...VALID UNTIL 800 PM CDT. THE DISCUSSION INCLUDED WITH THIS WATCH INDICATED THE INCREASING POSSIBILITY FOR SUPERCELLS AND TORNADOES.

AT 333 PM CDT...THE NATIONAL WEATHER SERVICE IN PADUCAH ISSUED A SEVERE THUNDERSTORM WARNING FOR CARTER COUNTY MISSOURI VALID UNTIL 430 PM CDT.

AT 411 PM CDT...THE NATIONAL WEATHER SERVICE IN PADUCAH ISSUED A TORNADO WARNING FOR CARTER COUNTY MISSOURI VALID UNTIL 445 PM CDT.

AT 433 PM CDT...THE NATIONAL WEATHER SERVICE IN PADUCAH ISSUED A TORNADO WARNING FOR NORTHERN BUTLER COUNTY MISSOURI VALID UNTIL 515 PM CDT.

AT 506 PM CDT...THE NATIONAL WEATHER SERVICE IN PADUCAH ISSUED A SEVERE THUNDERSTORM WARNING FOR CARTER COUNTY MISSOURI VALID UNTIL 530 PM CDT.

AT 513 PM CDT...THE NATIONAL WEATHER SERVICE IN PADUCAH ISSUED A TORNADO WARNING FOR NORTHERN BUTLER COUNTY IN MISSOURI VALID UNTIL 615 PM CDT.

AT 554 PM CDT...THE NATIONAL WEATHER SERVICE IN PADUCAH ISSUED A SEVERE THUNDERSTORM WARNING FOR BUTLER COUNTY MISSOURI VALID UNTIL 630 PM CDT.

PERSONNEL FROM THE NATIONAL WEATHER SERVICE OFFICE IN PADUCAH REMAIN ON SITE IN CARTER AND BUTLER COUNTIES IN SOUTHEAST MISSOURI AND CONTINUE TO ASSESS THE DAMAGE. FURTHER INFORMATION WILL BE PROVIDED AS IT BECOMES AVAILABLE.

Damage Photos:





Photo taken by Mike Gossett, National Park Service, Ozark National Scenic Riverways Carter County, Missouri



BOLLINGER COUNTY, MO to HOPKINS COUNTY, KY TORNADOES APRIL 28, 2002



April 28 - Bollinger County, MO

This strong tornado with peak winds near 180 MPH touched down in a rural area southwest of Marble Hill. A total of 19 residences were severely damaged, and 6 were destroyed. Approximately 10 of the residences were mobile homes and 15 were single-family homes. Another 50 outbuildings, such as barns and sheds, were destroyed or damaged. Seven people were inside a house that was demolished. One of the victims, a 12-year-old boy, was thrown about 50 yards from the house and fatally injured. Several others in the immediate area, possibly the other occupants of the house, were thrown into a nearby lake and swam to safety. Of the 16 people injured in the tornado, four were air lifted to hospitals with serious injuries. Cars were stacked atop cars. Several residents were trapped inside the debris of their homes for up to 3 hours. The large number of trees down across roads delayed the arrival of rescue teams.

April 28 - Dongola to Cypress, IL (Union/Johnson Co.)

The tornado first touched down in very hilly terrain in the Shawnee National Forest and then tracked east, crossing Route 127 just north of Mill Creek. The tornado then directly struck the community of Dongola, where most of the damage and casualties occurred. A 69-year-old woman was killed as she was attempting to flee her mobile home. The woman had just gotten into her car, started the engine, and turned the lights on when the tornado struck. She was blown away from the car and found dead under a structure across the road from where the vehicle was parked and still running. Elsewhere in the Dongola area, a train was blown off the tracks. Several wood houses were demolished, and seven double-wide trailers were destroyed. Approximately 75 homes were damaged. A recreational vehicle was tossed across Lake Dongola and impaled into the ground. The tornado entered Johnson County near Cypress and was on the ground for only a few miles in Johnson County. Cypress was impacted directly, where about 50 structures were damaged, including a school. The school lost portions of upper story walls and the roof. Two trailers were destroyed.

April 28 - Providence, KY to northern Hopkins Co., KY

The tornado crossed southern Webster County, producing major damage as it paralleled Highway 120 through Providence. About two dozen persons were injured, and they were transported by ambulance to regional hospitals. One person was critically injured. The tornado produced F-3 damage in Providence, then weakened to an F-2 tornado just east of the city limits. The tornado struck a mobile home park in Providence, destroying 16 of the 20 mobile homes there. About 10 permanent homes were destroyed, and about 100 more homes were damaged. The tornado crossed into Hopkins County just west-northwest of Nebo, and finally lifted after moving through Hanson. The tornado was rated at F-3 intensity in the Nebo area, where four chicken houses were blown off their foundations. About 45,000 chickens were left in the debris. Damage to one chicken facility was estimated between one and two million dollars. The tornado weakened as it progressed across the county. About 10 to 15 residences were significantly damaged.

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
435 PM CDT TUE APR 30 2002

...SUMMARY OF EVENTS FOR APRIL 28TH 2002...

THE FOLLOWING IS A SUMMARY OF THE 8 TORNADOES AND THE STRAIGHT LINE WIND EVENT THAT OCCURRED EARLY SUNDAY MORNING...APRIL 28TH 2002. THIS INFORMATION IS BASED ON THE LATEST AERIAL AND GROUND SURVEYS AND SUPERSEDES ALL PREVIOUS INFORMATION.

FRANKLIN COUNTY ILLINOIS:

MICROBURST
ESTIMATED MAX WIND SPEEDS: 90 MPH
TIME OF DAMAGE: 1220 AM CDT
DAMAGE PATH WIDTH: 1/2 MILE
PATH LENGTH: 3 MILES
FATALITIES: NONE
INJURIES: NONE
DAMAGE AREA: 1 MILE SOUTH OF SESSER IL...TO 2 MILES EAST OF
SESSER IL.

BOLLINGER COUNTY MISSOURI

F3 TORNADO
ESTIMATED MAX WIND SPEEDS 180 MPH
ESTIMATED TIME OF TOUCHDOWN: 1240 AM CDT
DAMAGE PATH WIDTH: 150-200 YARDS
PATH LENGTH: 4 MILES
FATALITIES: 1 (12 YR OLD BOY) 7 MILES SOUTHWEST OF MARBLE HILL
MO.
INJURIES: 16
DAMAGE AREA: 6 TO 8 MILES SOUTHWEST OF MARBLE HILL MO.

SALINE COUNTY ILLINOIS

F2 TORNADO
ESTIMATED MAX WIND SPEED: 130 MPH
ESTIMATED TIME OF TOUCHDOWN: 109 AM CDT
DAMAGE PATH WIDTH: 200 YARDS
PATH LENGTH: 8 MILES
FATALITIES: NONE
INJURIES: 3
DAMAGE AREA: 1 MILE WEST OF GALATIA IL TO 7 MILES EAST OF
GALATIA IL.

UNION COUNTY...JOHNSON COUNTY ILLINOIS

F3 TORNADO
ESTIMATED MAX WIND SPEED: 180 MPH

ESTIMATED TIME OF TOUCHDOWN: 123 AM CDT
DAMAGE PATH WIDTH: 400 YARDS
PATH LENGTH: 19 MILES
FATALITIES: 1 (69 YR OLD WOMAN) IN DONGOLA ILLINOIS (UNION
COUNTY)
INJURIES: 6
DAMAGE AREA: 4 MILES WEST OF MILL CREEK TO 1 MILE EAST OF
CYPRESS.

SOUTHEASTERN JOHNSON COUNTY ILLINOIS

F2 TORNADO
ESTIMATED MAX WIND SPEED: 130 MPH
ESTIMATED TIME OF TOUCHDOWN: 152 AM CDT
DAMAGE PATH WIDTH: 400 YARDS
PATH LENGTH: 7 MILES
FATALITIES: NONE
INJURIES: 2
DAMAGE AREA: 3 MILES SOUTH OF VIENNA IL TO GANNTOWN IL.

POPE COUNTY ILLINOIS...LIVINGSTON COUNTY KENTUCKY

F3 TORNADO
ESTIMATED MAX WIND SPEED: 190 MPH
ESTIMATED TIME OF TOUCHDOWN: 202 AM CDT
DAMAGE PATH WIDTH: 200 YARDS
PATH LENGTH: 24 MILES
FATALITIES: NONE
INJURIES: 1
DAMAGE AREA: 1 MILE SOUTH OF DIXON SPRINGS IL TO 5 MILES EAST OF
JOY KY.

WESTERN CRITTENDEN COUNTY KENTUCKY

F1 TORNADO
ESTIMATED MAX WIND SPEED: 80 MPH
ESTIMATED TIME OF TOUCHDOWN: 238 AM CDT
DAMAGE PATH WIDTH: 100 YARDS
PATH LENGTH: 2 MILES
FATALITIES: NONE
INJURIES: NONE
DAMAGE AREA: 1 MILE NORTH OF SHERIDAN KY.

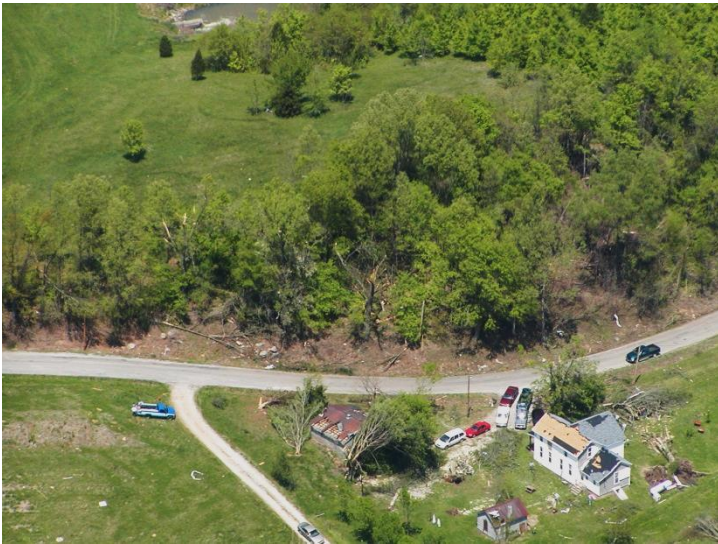
CENTRAL CRITTENDEN COUNTY KENTUCKY

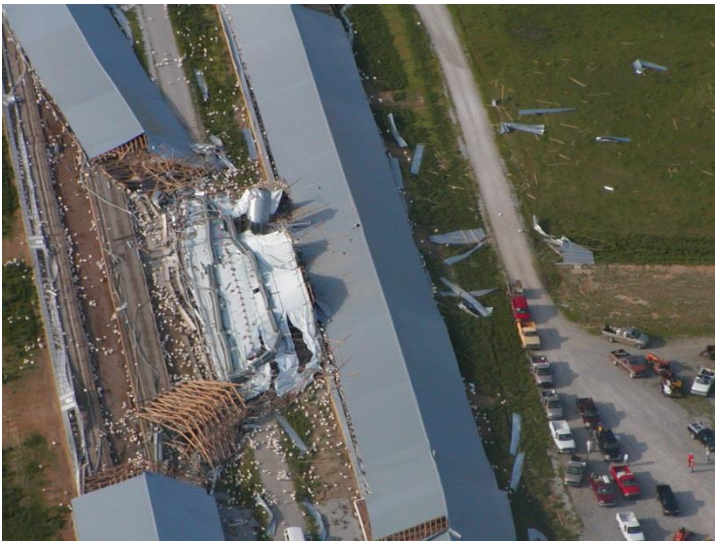
F1 TORNADO
ESTIMATED MAX WIND SPEED: 90 MPH
ESTIMATED TIME OF TOUCHDOWN: 243 AM CDT
DAMAGE PATH WIDTH: 200 YARDS
PATH LENGTH: 1 MILES
FATALITIES: NONE
INJURIES: NONE
DAMAGE AREA: 4 TO 5 MILES NORTHEAST OF MARION KY.

EASTERN CRITTENDEN COUNTY...WEBSTER COUNTY...HOPKINS COUNTY KENTUCKY

F3 TORNADO
ESTIMATED MAX WIND SPEED: 200 MPH
ESTIMATED TIME OF TOUCHDOWN: 250 AM CDT
DAMAGE PATH WIDTH: 880 YARDS
PATH LENGTH: 25 MILES
FATALITIES: NONE
INJURIES: 26 (IN WEBSTER COUNTY)
DAMAGE AREA: 7 MILES WEST OF PROVIDENCE KY TO JUST SOUTHEAST OF
HANSON KY.

Photos:







SOUTHERN ILLINOIS DAMAGE PHOTOS: UNION/JOHNSON COUNTIES

APRIL 28, 2002





PUBLIC INFORMATION STATEMENT...UPDATED
NATIONAL WEATHER SERVICE PADUCAH KY
807 CDT MON APR 29 2002

...PRELIMINARY TORNADO ASSESSMENT FOR UNION AND JOHNSON COUNTIES IN
SOUTHERN ILLINOIS...

*** DENOTED UPDATED INFORMATION

A DAMAGE SURVEY TEAM FROM THE NATIONAL WEATHER SERVICE IN PADUCAH
KENTUCKY HAS COMPLETED AN AERIAL SURVEY OF THE STORM DAMAGE IN UNION
AND JOHNSON COUNTIES IN SOUTHERN ILLINOIS. THE FOLLOWING ARE
PRELIMINARY FINDINGS OF THIS INVESTIGATION THAT IS ONGOING.

* EVENT DATE: 28 APR 2002

***EVENT TYPE: PRELIMINARY RESULTS REFLECT 2 SEPARATE
TORNADOES.

***ESTIMATED MAX WIND SPEED: UNION...JOHNSON COUNTY TORNADO - 180 MPH
SOUTHEAST JOHNSON COUNTY TORNADO - 130 MPH

***ESTIMATED INITIAL TIME OF TOUCHDOWN IN UNION COUNTY...118 AM CDT

***DAMAGE PATH WIDTH: UNION...JOHNSON COUNTY TORNADO - 400 YARDS...
AT ONE OF ITS WIDEST POINTS.
SOUTHEAST JOHNSON COUNTY...400 YARDS AT ONE OF
ITS WIDEST POINTS.

*** DAMAGE AREA: THE TORNADO INITIALLY TOUCHED DOWN 4 AND 1/2 MILES
WEST OF MILL CREEK (UNION COUNTY). THE TORNADO THEN TRAVELED
EAST ACROSS THE REST OF UNION COUNTY AND HIT THE TOWN OF
DONGOLA. THEN THE TORNADO MOVED INTO JOHNSON COUNTY...AND
DIRECTLY AFFECTED THE TOWN OF CYPRESS. THE TORNADO THEN LIFTED
JUST EAST OF CYPRESS AT AROUND 200 AM. THE TORNADO TRAVELED A TOTAL
OF 16 MILES AND WAS CLASSIFIED AS AN F3 TORNADO.

ANOTHER TORNADO THEN TOUCHED DOWN IN SOUTHEAST JOHNSON COUNTY...
ALONG HIGHWAY 45...3 MILES SOUTH OF VIENNA. PRELIMINARY
ESTIMATES INDICATE THAT THIS TORNADO TOUCHED DOWN AT
APPROXIMATELY 206 AM. THE TORNADO MOVED EAST TO I-24 AND
CONTINUED MOVING EAST TO GANNTOWN. THE TORNADO TRAVELED A TOTAL
OF 7 MILES AND WAS CLASSIFIED AS AN F2 TORNADO.

***DAMAGE PATH LENGTH: SEE ABOVE

* DAMAGE: NUMEROUS HOMES AND BUSINESSES

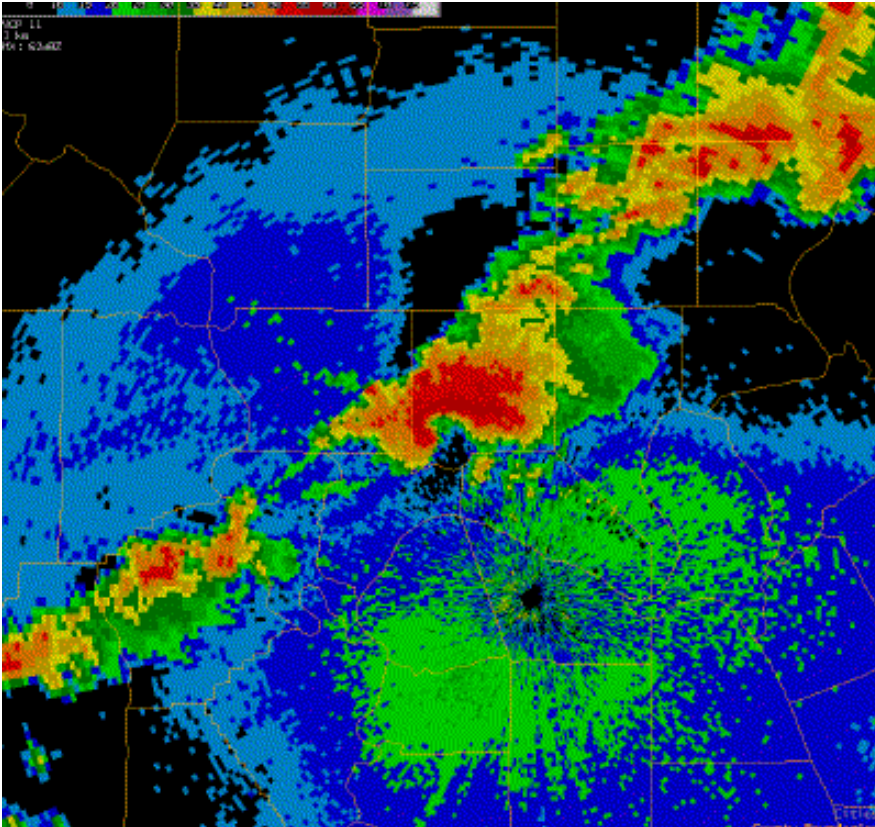
* DAMAGE COST: TBD

***INJURIES: 8 INJURIES IN UNION COUNTY. 2 INJURIES
IN JOHNSON COUNTY.

***FATALITIES: 1 IN DONGOLA (UNION COUNTY)...69 YR OLD WOMAN. THIS
WOMAN WAS TRYING TO FLEE HER MOBILE HOME TO SAFETY.
SHE GOT IN HER CAR...STARTED THE ENGINE AND TURNED
THE LIGHTS ON. SHE WAS BLOWN OUT OF THE CAR AND FOUND
DEAD UNDER A STRUCTURE ACROSS THE ROAD FROM WHERE THE
VEHICLE WAS PARKED AND STILL RUNNING.

PERSONNEL FROM THE NATIONAL WEATHER SERVICE OFFICE IN PADUCAH REMAIN
ON SITE. FURTHER INFORMATION WILL BE PROVIDED AS IT BECOMES
AVAILABLE.

These images were taken as the tornadic thunderstorm passed over Cypress, Illinois, which is in southwest Johnson County. The hook-shaped or comma-shaped radar echo in the center of the first image is the tornadic storm. The red/blue couplet in the second image is the rotation couplet associated with the storm.



SOUTHEAST MISSOURI DAMAGE PHOTOS: BOLLINGER COUNTY

APRIL 28, 2002





BOLLINGER TORNADO DAMAGE PATH MAP

