April 4, 2011 Tornadoes

Three significant areas of damage occurred across western Kentucky on Monday. The following are preliminary summaries of these events from their damage surveys. An EF-2 tornado near Hopkinsville, KY received national media attention after striking a manufacturing plant and injuring about seven workers. A few other tornadoes occurred in western Kentucky, including one that injured a farm worker in Ballard County.

The following radar images are from the Fort Campbell, KY radar near Hopkinsville. Both images were taken around 11:55 A.M. CDT.

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BALLARD, MUHLENBERG and CHRISTIAN COUNTY, KY DAMAGE SURVEYS

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
747 PM CDT MON APR 4 2011

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

THE FOLLOWING IS THE PRELIMINARY DAMAGE ASSESSMENT FOR BALLARD COUNTY, KENTUCKY...

EVENT 1...
* EVENT TYPE..........EF1 TORNADO
* EVENT DATE..........APRIL 4, 2011
* EVENT TIME..........1018 AM TO 1022 AM
* EVENT LOCATION.......2.5 MILES SW OF SLATER/4 MILES NE WICKLIFFE TO 1.5 MILES E OF SLATER
EVENT 2...
* EVENT TYPE........... **EF2 TORNADO**
* EVENT DATE.......... APRIL 4, 2011
* EVENT TIME.......... 1020 AM TO 1027 AM
* EVENT LOCATION..... SLATER TO 2.5 MILES SE OF KEVIL
* PEAK WIND.......... 120 MPH
* TRACK LENGTH........ 7 MILES
* AVERAGE PATH WIDTH... 250 YARDS
* INJURIES............. 1 (MAN TRAPPED IN FARM BUILDING DESTROYED NEAR HINKLEVILLE)
* FATALITIES........... NONE
* DAMAGE DETAIL........ 2 STORY HOUSE WITH ROOF REMOVED AND GARAGE LEVELED. SEVERAL OTHER HOMES WITH ROOF DAMAGE, INCLUDING PARTIAL ROOF LOSS. 2 MOBILE HOMES OVERTURNED. 2 LARGE CHICKEN BARNs DESTROYED WITH 2 OTHERS HEAVILY DAMAGED. NUMEROUS FARM BUILDINGS... INCLUDING GRAIN BINS DESTROYED. MANY DOZENS OF LARGE TREES SNAPPED OR UPROOTED.

NOTE: WHILE DAMAGE WAS PREDOMINANTLY CAUSED BY THE TORNADO ...SOME DAMAGE SOUTHEAST OF HINKLEVILLE WAS CAUSED BY A COMBINATION OF TORNADIC AND STRAIGHT LINE WINDS.

SURVEYORS....... SHANKLIN/LUDINGTON/MACK

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PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
445 PM CDT TUE APR 5 2011

...DAMAGE SURVEY RESULTS FOR MUHLENBERG COUNTY KENTUCKY...

THE FOLLOWING IS THE PRELIMINARY DAMAGE ASSESSMENT FOR MUHLENBERG COUNTY KENTUCKY FROM NEAR GREENVILLE TO CLEATON...

* EVENT TYPE........... **EF1 TORNADO**
* EVENT DATE.......... APRIL 4 2011
* EVENT TIME.......... 1155 AM CDT
* EVENT LOCATION..... FROM SOUTH SIDE OF GREENVILLE TO CLEATON KY
* PEAK WIND.......... 109 MPH
* AVG. PATH WIDTH.... 100 YARDS
* PATH LENGTH........ 7.5 MILES
* INJURIES............. 3
* FATALITIES........... NONE
* DAMAGE DETAIL......EF1 TORNADO DAMAGE WAS AT A MOBILE HOME PARK IN GREENVILLE. 1 MOBILE HOME WAS DESTROYED.

SURVEYORS.......PS/KL

Mobile home destroyed by Muhlenberg county tornado.

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE PADUCAH KY
458 PM CDT TUE APR 5 2011

...DAMAGE SURVEY RESULTS FOR HOPKINSVILLE/CHRISTIAN COUNTY KY...

THE FOLLOWING IS THE PRELIMINARY DAMAGE ASSESSMENT FOR ENTER NAME HERE.

* EVENT TYPE........EF2 TORNADO
* EVENT DATE.........MONDAY APRIL 4 2011
* EVENT TIME........ESTIMATED AT 1204 PM CDT
* EVENT LOCATION.....TOUCHED DOWN AT INDUSTRIAL BUILDING ON U.S. HIGHWAY 41 6.5 MILES SOUTHEAST OF HOPKINSVILLE. ENDED 3.2 MILES NORTHEAST OF PEMBROKE.
* PEAK WIND.........130 MPH
* AVG. PATH WIDTH....150 YARDS
* PATH LENGTH........4.5 MILES
* INJURIES.............7
* FATALITIES...........NONE
* DAMAGE DETAIL.......AT LARGE MANUFACTURING/WAREHOUSE TYPE METAL BUILDING ON U.S. HIGHWAY 41...LARGE SECTIONS OF ROOF UP TO 100 BY 400 FEET WERE REMOVED. SMALL SECTIONS OF EXTERIOR WALL BLOWN IN OR PEELED BACK. ROOFTOP HVAC UNIT BLOWN OFF. IN FRONT OF BUILDING...STEEL UTILITY POLES BENT ALMOST TO THE GROUND. ALL 7 INJURIES OCCURRED AT THIS BUILDING...WHERE WORKERS INSIDE WERE STRUCK BY FLYING OBJECTS. ALL BUT ONE INJURED PERSON RELEASED FROM HOSPITAL AS OF TUESDAY MORNING. STRONG EVIDENCE OF ROTATION IN DEBRIS PATTERN OUTSIDE THE BUILDING. REMAINDER OF PATH WAS THROUGH SPARSELY POPULATED FARM COUNTRY. TWO BARNs LEVELLED. METAL ROOFS OFF TWO HOUSES. DOZENS OF UPROOTED TREES. PATH WIDTH UP TO 200 YARDS MAXIMUM.

A COUPLE OF UPROOTED TREES IN PEMBROKE WERE CAUSED BY STRAIGHT LINE WINDS AND NOT DIRECTLY RELATED TO THE TORNADO. A SMALL BUILDING FORMERLY USED AS A CAR WASH WAS UNROOFED IN THE COMMUNITY OF LACEY IN NORTHERN CHRISTIAN COUNTY. THIS WAS CAUSED BY STRAIGHT LINE WINDS OF AROUND 75 MPH AND NOT DIRECTLY RELATED TO THE TORNADO.

SURVEYORS.......SHANKLIN/YORK

The following image, shows the path of the EF-2 Tornado in Christian County, KY
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>City Location</th>
<th>Mag.</th>
<th>County Location</th>
<th>County</th>
<th>ST</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>0745 AM</td>
<td>Hail</td>
<td>Smithland</td>
<td>0.75</td>
<td>Livingston</td>
<td>KY</td>
<td></td>
<td>Emergency Mngr</td>
</tr>
<tr>
<td>0831 AM</td>
<td>TSTM Wnd DMG</td>
<td>5 SE Thebes</td>
<td></td>
<td>Alexander</td>
<td>IL</td>
<td></td>
<td>Trained Spotter</td>
</tr>
<tr>
<td>1015 AM</td>
<td>Heavy Rain</td>
<td>Parma</td>
<td>1.50</td>
<td>New Madrid</td>
<td>MO</td>
<td></td>
<td>Trained Spotter</td>
</tr>
<tr>
<td>1032 AM</td>
<td>TSTM Wnd GST</td>
<td>Paducah</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
04/04/2011  M63.00 MPH  MCCracken  KY  Trained Spotter

63 MPH Gust at Kentucky Oaks Mall

1033 AM  TSTM Wnd GSt  Paducah  37.07N 88.64W
04/04/2011  M61.00 MPH  MCCracken  KY  Asos

1039 AM  TSTM Wnd Dmg  La Center  37.07N 88.97W
04/04/2011

Building collapsed with individuals trapped.

1048 AM  Heavy Rain  Eddyville  37.50N 88.59W
04/04/2011  U0.00 Inch  Pope  IL  Trained Spotter

Street flooding in the city limits

1059 AM  Heavy Rain  Evansville  37.98N 87.54W
04/04/2011  M0.60 Inch  Vanderburgh  IN  Trained Spotter

Rainfall in past 30 minutes. Localized street flooding.

1059 AM  Hail  1 E Harvey  36.81N 88.40W
04/04/2011  M0.75 Inch  Marshall  KY  Trained Spotter

Dime size hail reported.

1100 AM  Heavy Rain  New Concord  36.60N 88.07W
04/04/2011  M2.00 Inch  Calloway  KY  Trained Spotter

2 inches of rain in the past hour. Localized street
flooding. Digital communications lost.

1144 AM  TSTM Wnd GSt  Cadiz  36.87N 87.82W
04/04/2011  M65.00 MPH  Trigg  KY  Trained Spotter

Occurred on west side of community.

1146 AM  Funnel Cloud  2 S Nortonville  37.16N 87.46W
04/04/2011  2 S Nortonville  KY  Trained Spotter

1200 PM  Tornado  1 W Greenville  37.21N 87.20W
04/04/2011  Muhlenberg  KY  Law Enforcement

...unconfirmed...possible tornado along Highway 62. 1
Mobile home overturned with 1 child injured. 1 mobile home
blown off of foundation. Trees and limbs down. Mobile home
park being evacuated due to gas leak.

1204 PM  Tornado  3 SE Hopkinsville  36.82N 87.45W
04/04/2011  Christian  KY  Emergency Mngr
TORNADO ON SOUTHEAST SIDE OF COMMUNITY. THE TGASK MANUFACTURING PLANT DIRECTLY HIT. SEVERAL INJURIES WITH WIDESPREAD DEBRIS FIELD. THE PLANT IS LOCATED BETWEEN HOPKINSVILLE AND PEMBROKE.