

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE RALEIGH NC
258 PM EDT WED APR 16 2014

...NWS RALEIGH CONFIRMS THAT A MICROBURST/STRAIGHT-LINE WIND
DAMAGE OCCURRED 4.25 MILES EAST OF EASTOVER IN CUMBERLAND COUNTY
NORTH CAROLINA...

LOCATION...4.25 MILES EAST OF EASTOVER IN CUMBERLAND COUNTY NORTH
CAROLINA

DATE...APRIL 15, 2014

ESTIMATED TIME...7:20 AM EDT

ESTIMATED MAXIMUM WIND SPEED...60 TO 65 MPH

* FATALITIES...0

* INJURIES...0

* THE INFORMATION IN THIS STATEMENT IS PRELIMINARY AND SUBJECT TO
CHANGE PENDING FINAL REVIEW OF THE EVENT(S) AND PUBLICATION IN NWS
STORM DATA.

...SUMMARY...

THE NATIONAL WEATHER SERVICE IN RALEIGH NC HAS CONFIRMED THAT A
MICROBURST/STRAIGHT-LINE WIND DAMAGE OCCURRED 4.25 MILES EAST OF
EASTOVER IN CUMBERLAND COUNTY NORTH CAROLINA ON APRIL 15, 2014.

A STORM SURVEY WAS CONDUCTED THIS MORNING AT THE DAMAGE SITE. DAMAGE
INCLUDED SEVERAL TREES AND TREE BRANCHES THAT WERE SNAPPED AND CARRIED
DOWNWIND (IN A STRAIGHT-LINE FASHION) APPROXIMATELY 30 YARDS...ALONG
WITH TWO TREES THAT WERE BLOWN OVER...IN THE SAME DIRECTION. IN
ADDITION...ONE MOBILE HOME SUSTAINED DAMAGE WHICH INCLUDED SHINGLE
REMOVAL ON THE UPWIND SIDE OF THE ROOF...SIDING PEELED AWAY FROM THE
FRAME...ONE BROKEN WINDOW AS A RESULT OF DEBRIS BLOWN INTO IT...AND A
PORTION OF THE BASE BLOCKS WHICH WERE PUSHED OVER. A WINDOW OF A
VEHICLE PARKED AT THE RESIDENCE WAS SHATTERED AS A TREE BRANCH FLEW
INTO IT. A NEIGHBORING HOME ALSO HAD SOME MINOR SIDING DAMAGE.
FINALLY...A CARPORT WAS UPLIFTED AND CARRIED ACROSS THE ROAD...AND
LANDED IN A PATTERN SIMILAR TO THE TREE DAMAGE...WHICH ALSO SUGGESTED
STRAIGHT-LINE WIND DAMAGE. THE NATURE AND DEGREE OF DAMAGE SUGGESTED A
MAXIMUM WIND GUST OF 60 TO 65 MPH.

THIS INFORMATION CAN ALSO BE FOUND ON OUR WEBSITE AT
WEATHER.GOV/RAH.

FOR REFERENCE...

A MICROBURST IS A CONVECTIVE DOWNDRAFT WITH AN AFFECTED OUTFLOW
AREA OF LESS THAN 2 1/2 MILES WIDE AND PEAK WINDS LASTING LESS
THAN 5 MINUTES. MICROBURSTS MAY INDUCE DANGEROUS
HORIZONTAL/VERTICAL WIND SHEARS...WHICH CAN ADVERSELY AFFECT
AIRCRAFT PERFORMANCE AND CAUSE PROPERTY DAMAGE. STRAIGHT-LINE
WINDS ARE GENERALLY ANY WIND THAT IS NOT ASSOCIATED WITH
ROTATION...USED MAINLY TO DIFFERENTIATE THEM FROM TORNADIC WINDS.

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