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PUBLIC INFORMATION STATEMENT

NATIONAL WEATHER SERVICE BURLINGTON VT
438 PM EDT THU JUL 22 2010

...STORM SURVEY RESULTS FOR ORANGE COUNTY VERMONT AND FRANKLIN COUNTY VERMONT...

...STRAIGHT-LINE WIND DAMAGE IN ORANGE COUNTY VERMONT...

A NATIONAL WEATHER SERVICE SURVEY TEAM HAS DETERMINED THAT STORM DAMAGE IN THE BROOKFIELD/CHELSEA AREA OF ORANGE COUNTY, VERMONT THAT OCCURED ON JULY 21ST SHORTLY AFTER 4PM WAS CAUSED BY STRAIGHT-LINE THUNDERSTORM WINDS.

THE MOST SIGNIFICANT DAMAGE OCCURRED IN BROOKFIELD, JUST WEST OF THE CHELSEA TOWN LINE, ALONG CHELSEA ROAD BETWEEN CEMETERY AND BUEMANN ROADS. IN THIS AREA, A SWATH OF STRAIGHT-LINE WIND DAMAGE ABOUT 1/2 MILE WIDE AND 1/2 MILE LONG OCCURRED. NEARLY ALL THE TREES, WHICH WERE MOSTLY PINES, WERE EITHER TOPPLED OR SNAPPED IN THIS AREA. BASED ON THE DAMAGE, WINDS WERE ESTIMATED TO HAVE BEEN IN THE 80 TO 90 MPH RANGE.

IN THE CENTER OF CHELSEA, SCATTERED WIND DAMAGE CONSISTED OF DOWNED TREES AND BRANCHES. WINDS IN THE AREA WERE ESTIMATED TO HAVE BEEN AROUND 60 MPH.

RESIDENTS IN THE AREA ALSO REPORTED LARGE HAIL, UP TO 2 INCHES IN DIAMETER, TO HAVE FALLEN WITH THE SEVERE THUNDERSTORM.

...STRAIGHT-LINE WIND DAMAGE IN FRANKLIN COUNTY NEW YORK...

A NATIONAL WEATHER SERVICE STORM SURVEY TEAM HAS DETERMINED THAT STORM DAMAGE IN FRANKLIN COUNTY NEW YORK WAS CAUSED BY STRAIGHT-LINE WINDS ESTIMATED AT 60 TO 75 MPH, WITH ISOLATED AREAS OF STRONGER WINDS. THE TEAM NOTED THAT ALL DAMAGE WAS ORIENTED IN A NORTHWEST TO SOUTHEAST DIRECTION, AND EYEWITNESSES REPORTED THE WIND WAS ACCOMPANIED BY HEAVY RAINFALL AND HAIL. BOTH FACTORS ARE CONSISTENT WITH STRAIGHT-LINE THUNDERSTORM DOWNBURST WINDS. THE STORM TRACKED THROUGH NORTHERN FRANKLIN COUNTY BETWEEN 1230 PM AND 145 PM WEDNESDAY JULY 21 2010.

STORM DAMAGE OCCURRED SPORADICALLY IN A SWATH EXTENDING FROM THE FRANKLIN/ST. LAWRENCE COUNTY LINE TO NEAR MALONE. MOST OF THE DAMAGE WAS IN AN AREA TWO TO THREE MILES WIDE BETWEEN ROUTES 11 AND 11B WEST OF MALONE. THE STRONGER WIND SPEEDS, ESTIMATED AT 85 MPH, CAUSED MORE EXTENSIVE DAMAGE NEAR BRUSHTON. HUNDREDS OF LARGE TREES WERE UPROOTED, AND AT LEAST 11 BUILDINGS FROM MOIRA TO MALONE SUSTAINED DAMAGE FROM TREES FALLING ON THEM OR FROM THE FORCE OF THE WIND ALONE.

IN ADDITION TO THE WIND, HAIL UP TO GOLF BALL SIZE WAS REPORTED ALONG WITH TORRENTIAL DOWNPOURS. THE COMBINATION OF WIND, HAIL,

AND RAIN DAMAGED 600 TO 800 ACRES OF CROPS.

THE NATIONAL WEATHER SERVICE IN BURLINGTON VERMONT EXTENDS ITS
THANKS TO FRANKLIN COUNTY EMERGENCY SERVICES FOR THEIR ASSISTANCE
IN THE STORM SURVEY.

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