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**PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE BOSTON/NORTON MA
356 PM EDT WED OCT 24 2018**

..NWS DAMAGE SURVEY FOR 10/23/18 TORNADO EVENTS

NORTH PROVIDENCE AND LINCOLN, RI TORNADO

START LOCATION...NORTH PROVIDENCE IN PROVIDENCE COUNTY, RI
END LOCATION...LINCOLN IN PROVIDENCE COUNTY, RI
DATE...OCTOBER 23 2018
ESTIMATED TIME...331-334 PM EDT
MAXIMUM EF-SCALE RATING...EF-1
ESTIMATED MAXIMUM WIND SPEED...90-100 MPH
MAXIMUM PATH WIDTH...250 YARDS
PATH LENGTH...1.5 MILES (DISCONTINUOUS)
BEGINNING LAT/LON...41.8659/-71.4677
ENDING LAT/LON...41.8813/-71.4452
* FATALITIES...0
* INJURIES...0

..SUMMARY

THE TORNADO INITIALLY TOUCHED DOWN IN NORTH PROVIDENCE ON MEADOW VIEW BOULEVARD AROUND 331 PM EDT, WHERE LARGE BRANCHES WERE DOWNED, INCLUDING ONE ON A CAR AND FENCE. IN THIS AREA, WIND SPEEDS WERE ESTIMATED TO BE 60-70 MPH, WHICH IS CLASSIFIED AS EF-0 ON THE ENHANCED FUJITA SCALE. FROM THERE, DAMAGE WAS DISCONTINUOUS AS THE TORNADO HEADED TOWARD THE SOUTHWEST PART OF LINCOLN, WITH ONLY A FEW TREETOPS SNAPPED AND DOWNED BRANCHES. IN LINCOLN, THE TORNADO CAUSED EXTENSIVE DAMAGE ON ANGELL ROAD AND RIATA DRIVE AROUND 333 PM EDT. THERE WERE NUMEROUS UPROOTED OR SNAPPED TREES, SHINGLES BLOWN OFF SEVERAL HOUSES, AND LARGE BRANCHES DOWNED. WIND SPEEDS WERE ESTIMATED TO BE 90-100 MPH, WHICH IS CLASSIFIED AS EF-1. DAMAGE BECAME MORE SPORADIC FARTHER NORTH ON ELDEN COURT, DENNELL DRIVE, AND CHRISTOPHER DRIVE, WHERE A FEW LARGE TREES AND BRANCHES WERE DOWNED. WINDS IN THESE AREAS WERE ESTIMATED AT 60-80 MPH, WHICH IS CLASSIFIED AS EF-0. THE TORNADO LIFTED NEAR CHRISTOPHER DRIVE AROUND 334 PM EDT.

THE NWS SURVEY TEAM WOULD LIKE TO EXTEND THEIR APPRECIATION TO THE RHODE ISLAND EMERGENCY MANAGEMENT AGENCY, THE NORTH PROVIDENCE FIRE AND POLICE DEPARTMENTS, THE LINCOLN FIRE AND POLICE DEPARTMENTS, AND SKYWARN AMATEUR RADIO OPERATORS FOR THEIR ASSISTANCE IN HELPING US COMPLETE THE SURVEY.

NORTON, MA TORNADO

START LOCATION...NORTON IN BRISTOL COUNTY, MA
END LOCATION...NORTON IN BRISTOL COUNTY, MA
DATE...OCTOBER 23, 2018
ESTIMATED TIME...413-415 PM EDT
MAXIMUM EF-SCALE RATING...EF-1
ESTIMATED MAXIMUM WIND SPEED...90-95 MPH
MAXIMUM PATH WIDTH...170 YARDS
PATH LENGTH...0.8 MILES
BEGINNING LAT/LON...41.9628/-71.1996
ENDING LAT/LON...41.9736/-71.1917
* FATALITIES...0

* INJURIES...0

..SUMMARY

THE SAME STORM CELL THAT PRODUCED THE NORTH PROVIDENCE AND LINCOLN TORNADO SPAWNED ANOTHER TORNADO, WHICH TOUCHED DOWN IN NORTON, MA AT APPROXIMATELY 413 PM. THE TORNADO BEGAN ON FREEMAN STREET, JUST NORTH OF WEST MAIN STREET (ROUTE 123). IT TRAVELED TO THE NORTHEAST, CUTTING ACROSS THE EXTREME SOUTHERN PORTION OF THE NORTON RESERVOIR AND MANSFIELD AVENUE (ROUTE 140), AND LIFTED AT THE SOUTHERNMOST PORTION OF RESERVOIR STREET AROUND 415 PM EDT. ON FREEMAN STREET, AN OAK TREE WAS DOWNED WITH LARGE BRANCHES LEANING ON A HOUSE. BETWEEN THE RESERVOIR AND MANSFIELD AVENUE, NUMEROUS OAK AND PINE TREES WERE SNAPPED MID-WAY UP, BUT A FEW WERE SNAPPED NEAR THEIR BASES. A TREE FELL ONTO A GARAGE CAUSING SIGNIFICANT STRUCTURAL DAMAGE. THERE WAS SOME DAMAGE TO A HOME, BUT IT WAS SPARED ANY SIGNIFICANT DAMAGE. THERE WAS VERY PRONOUNCED CONVERGENCE IN THE DOWNED TREES WITH SOME DOWNED FROM SOUTHWEST TO NORTHEAST AND OTHERS FROM SOUTHEAST TO NORTHWEST.

THE NWS WOULD LIKE TO THANK THE NORTON FIRE DEPARTMENT, THE MASSACHUSETTS EMERGENCY MANAGEMENT AGENCY, AND A RESIDENT FOR THEIR HELP WITH THE CONDUCTING OF THE SURVEY. WE WOULD ALSO LIKE TO THANK SKYWARN AMATEUR RADIO OPERATORS FOR INITIALLY PINPOINTING THE LOCATION OF THE DAMAGE.

EF SCALE: THE ENHANCED FUJITA SCALE CLASSIFIES TORNADOES INTO THE FOLLOWING CATEGORIES:

EF0...WEAK.....65 TO 85 MPH
EF1...WEAK.....86 TO 110 MPH
EF2...STRONG....111 TO 135 MPH
EF3...STRONG....136 TO 165 MPH
EF4...VIOLENT...166 TO 200 MPH
EF5...VIOLENT...>200 MPH

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

NASH/DELLICARPINI/WILLIAMS/FIELD

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