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PUBLIC INFORMATION STATEMENT...UPDATED
NATIONAL WEATHER SERVICE TWIN CITIES/CHANHASSEN MN
1045 PM CDT SUN JUN 20 2010

...UPDATED TO INCLUDE RATING INFORMATION...

...STORM DAMAGE SURVEY RESULTS FROM THE EASTERN FARIBAUT AND
CENTRAL FREEBORN COUNTY TORNADO...AFFECTING THE
CONGER...ARMSTRONG...MANCHESTER...AND HARTLAND COMMUNITIES...

A STORM DAMAGE SURVEY TEAM HAS DETERMINED AN EF-4 TORNADO OCCURRED IN WEST CENTRAL
FREEBORN COUNTY ON THURSDAY JUNE 17TH. THE FOLLOWING WAS DETERMINED FROM THIS SURVEY
AND VERIFIED REPORTS...COMBINED WITH RADAR DATA.

EVENT...TORNADO.

MAXIMUM INTENSITY...EF-4 WITH WINDS OF 175 MPH.

FATALITIES...ONE.

TRACK...FIRST TOUCHED DOWN 2.5 MILES WEST OF MANSFIELD AND MOVED
NORTHEAST TO APPROXIMATELY 3.5 MILES WEST OF CONGER...WHERE THE
TORNADO BEGAN TO MOVE MORE EASTERLY. NORTH OF CONGER...THE TORNADO
THEN TRACKED NEARLY DUE NORTH TO JUST WEST OF MANCHESTER...WHERE IT
BEGAN TO MOVE NORTHWESTERLY BEFORE DISSIPATING 1.5 MILES WEST OF
HARTLAND. TOTAL PATH LENGTH WAS APPROXIMATELY 21 MILES.

MAXIMUM WIDTH...ONE MILE.

TIMING...APPROXIMATELY 6:30 PM TO 7:15 PM CDT.

LOCATION...RATING INFORMATION...AND DAMAGE...

AT APPROXIMATELY 6:30 PM CDT...THE TORNADO DEVELOPED NEAR THE
INTERSECTION OF 610TH AVENUE AND 60TH STREET. THE TORNADO PRODUCED EF-1 DAMAGE...AND
SNAPPED NUMEROUS POWER POLES APPROXIMATELY FIVE FEET OFF THE GROUND ALONG COUNTY
ROAD 11. SEVERAL DOZEN TREES ALSO HAD LARGE BRANCHES SNAPPED OFF ABOUT 25 FEET OFF
OF THE GROUND.

THE TORNADO MOVED TO THE NORTHEAST AND GREW IN WIDTH TO APPROXIMATELY 250 YARDS.
NEAR 80TH STREET AND COUNTY ROAD 2...THE
TORNADO BEGAN PRODUCING EF-2 DAMAGE. CROP DAMAGE BECAME VERY EVIDENT WITH CORN
HAVING SEVERAL LEAVES STRIPPED. A HOMESTEAD NEAR THIS LOCATION WAS LIKELY IN THE

OUTER CIRCULATION OF THE TORNADO AND SUSTAINED SOME ROOF AND SIDING DAMAGE. A NEARBY BARN WAS DESTROYED TO IT/S BRICK FOUNDATION. A CAR WAS ALSO FLIPPED OVER LENGTHWISE AT THIS LOCATION. SOME EVIDENCE OF TREE DEBARKING WAS NOTED.

THE TORNADO CONTINUED TO THE NORTHEAST AND CAUSED EXTENSIVE CROP DAMAGE APPROXIMATELY 500 YARDS IN WIDTH. NEAR COUNTY ROADS 17 AND 63 THE TORNADO GREW TO EF-3 INTENSITY...AND IMPACTED A FARMSTEAD AND CAUSED THE COMPLETE DESTRUCTION OF THREE SWINE BARN AND THE LOSS OF 12 HEAD OF SWINE. TWO EMPTY GRAIN BINS WERE COMPLETELY BLOWN AWAY AT THIS LOCATION. THE HOUSE AT THIS LOCATION HAD SOME ROOF DAMAGE BUT APPEARED TO BE NORTHWEST OF THE MAIN TORNADO PATH. APPROXIMATELY 100 FEET NORTHEAST OF THE HOUSE...A 150 FOOT TRIPOD STYLE WIND TURBINE TOWER WAS TWISTED AND TOPPLED. THIS LOCATION ALSO MARKED THE BEGINNING OF CROPS BEING COMPLETELY RAKED...WITH ONLY STALKS OF CORN LEFT AND SOYBEAN FIELDS BEING ALMOST UNRECOGNIZABLE.

AFTER PASSING THROUGH THIS FARMSTEAD THE TORNADO TOOK A MORE EASTERLY PATH ACROSS COUNTY ROAD 63...AND MAINTAINED EF-3 STRENGTH INTENSITY. AFTER PASSING COUNTY ROAD 63...ANOTHER FARMSTEAD WAS HIT. AT THIS LOCATION...TWO EMPTY HARVESTOR SILOS WERE TOPPLED.

THE TORNADO CONTINUED TO THE NORTHEAST ACROSS COUNTY ROAD 4 WHERE CONTINUED RAKING OF THE FIELDS WAS NOTED WITH SIGNIFICANT DEPOSITION OF DEBRIS ALONG THE TORNADO PATH. NUMEROUS TREES WERE TOPPLED AT COUNTY ROAD 89 WHERE IT TURNS TO THE NORTH. THE TORNADO CONTINUED TO THE NORTH-NORTHEAST...GREW TO 1000 YARDS AND STRENGTHENED TO EF-4 INTENSITY...AND IMPACTED A FARMSTEAD NEAR THE INTERSECTION OF A LOCAL ROAD AND COUNTY ROAD 12 TWO MILES NORTH OF CONGER...AROUND 650 PM CDT. THE HOUSE AT THIS LOCATION WAS COMPLETELY DESTROYED AS WAS THE BARN AND SEVERAL OTHER BUILDINGS. EXTENSIVE TREE DAMAGE WAS NOTED WITH NEARLY ALL BRANCHES BEING REMOVED FROM THE TRUNKS. DEBARKING OF TREES WAS WIDESPREAD AT THIS LOCATION. FROM THIS LOCATION...A CAR WAS TUMBLED A DISTANCE OF 3200 FEET...AND CAME TO REST IN A FIELD EAST OF COUNTY ROAD 12.

THE TORNADO CONTINUED TO THE NORTHEAST ACROSS COUNTY ROAD 69 AND COUNTY ROAD 46...WHERE IT WEAKENED SLIGHTLY TO EF-3 INTENSITY. AS IT CROSSED COUNTY ROAD 46...A HOUSE WAS ROTATED OFF THE FOUNDATION. THE TORNADO WAS APPROXIMATELY 700 YARDS WIDE AT THIS POINT. TO THE NORTH NORTHEAST...A SWINE BARN WAS DESTROYED WITH SHEET METAL BEING CARRIED OFF TO INTERSTATE 90. AT THIS SAME TIME...A SATELLITE TORNADO DEVELOPED AND CAUSED DAMAGE IN THE TOWN OF ARMSTRONG.

THE MAIN TORNADO CONTINUED TO THE NORTH NORTHEAST AND WAS 500 YARDS IN WIDTH. THE TORNADO CROSSED COUNTY ROAD 74 AND CAUSED EF-2 DAMAGE TO THREE FARMSTEADS. ONE FARMSTEAD WITH A MANUFACTURED HOME WAS HIT...AND RESULTED IN ONE FATALITY AND ONE SEVERE INJURY.

THE TORNADO CROSSED INTERSTATE 90 JUST WEST OF COUNTY ROAD 14 AS IT GREW TO ONE THIRD OF A MILE IN WIDTH AND RE-STRENGTHENED TO EF-3 INTENSITY. SEVERAL FARMSTEADS SAW SIGNIFICANT DAMAGE BETWEEN SUGAR LAKE AND COUNTY ROAD 14 WITH A HOUSE AND TWO BARN COMPLETELY DESTROYED. FROM THIS POINT THE TORNADO CONTINUED TO THE NORTH...AND GREW TO ONE MILE IN WIDTH. AROUND 7 PM CDT...A HOUSE AND BARN WERE DESTROYED APPROXIMATELY ONE MILE WEST OF MANCHESTER ON COUNTY ROAD 25...WHERE EXTENSIVE TREE

AND STRUCTURAL DAMAGE WAS ALSO NOTED AT SEVERAL PROPERTIES IN THE AREA. ADDITIONALLY...WEST OF THIS TORNADIC DAMAGE...A SEPARATE AREA OF TREE AND STRUCTURAL DAMAGE WAS CAUSED BY STRONG THUNDERSTORM WINDS ASSOCIATED WITH WHAT IS KNOWN AS REAR FLANK DOWNDRAFT.

ABOUT ONE MILE NORTH...THE TORNADO WEAKENED SLIGHTLY TO EF-2 INTENSITY...WHERE IT DAMAGED THREE FULL GRAIN BINS NEAR COUNTY ROAD 29. THE TORNADO WAS APPROXIMATELY 1300 YARDS AT THIS POINT.

FURTHER NORTH...AT COUNTY ROAD 95...THE TORNADO CONTINUED TO WEAKEN...ALTHOUGH A FARMSTEAD STILL RECEIVED EF-1 DAMAGE TO TREES AND STRUCTURES.

FINALLY...THE TORNADO CONTINUED NORTH AND BEGAN TO NARROW AND WEAKEN. THE TORNADO DISSIPATED TO THE WEST OF HARTLAND AROUND 7:15 CDT.

A SPECIAL THANKS TO THE LOCAL EMERGENCY MANAGEMENT AGENCIES WHO PROVIDED THE SURVEY TEAM WITH VALUABLE INFORMATION FOR THIS SURVEY...ALONG WITH SPOTTERNETWORK.ORG FOR PROVIDING PRECISE LOCATIONS OF SEVERE WEATHER REPORTS.

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SCHMIT/WETTER