Public Information Statement

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Public Information Statement
National Weather Service Fort Worth TX
314 PM CDT Thu May 2 2019

...NWS Damage Survey For 04/30/19 Tornado Events in Denton County...

.Overview...Early in the evening of April 30th, 2019, a severe
thunderstorm moved northeastward out of Tarrant County, across
most of Denton County. An NWS WFO Dallas/Fort Worth survey team
assessed damage east of Justin, TX, and in Denton, TX, and
determined that this storm produced two separate EF-1 tornadoes
in these areas of Denton County. In addition, some minor wind
damage was reported with this storm in northwest Tarrant County,
along the east shore of Eagle Mountain Lake. An NWS survey team
examined this wind damage, but was not able to confirm a tornado
in this area.


..Justin/Northlake Tornado...

Rating:                 EF1
Estimated Peak Wind:    90 mph
Path Length /statute/:  1.46 miles
Path Width /maximum/:   150.0 yards
Fatalities:             0
Injuries:               0

Start Date:             04/30/2019
Start Time:             06:25 PM CDT
Start Location:         1 WNW Northlake / Denton County / TX
Start Lat/Lon:          33.084 / -97.2758

End Date:               04/30/2019
End Time:               06:29 PM CDT
End Location:           2 NNW Northlake / Denton County / TX
End Lat/Lon:            33.1033 / -97.2658

Survey Summary:
This tornado initially formed in open pasture land approximately
1.2 miles east southeast of Justin, snapping small trees. The
tornado moved northeastward, crossing Denton Creek immediately
east of the FM 407 bridge over this stream. In this heavily
forested bottomland, numerous large hardwood trees were snapped
and twisted approximately 25-50 feet off the ground. Winds along
this portion of the path were estimated at 85-90 mph, resulting in
a maximum low end EF-1 intensity rating. The tornado continued
northeastward, uprooting or snapping several trees along FM 407
beyond the Denton Creek bridge, before finally recrossing FM 407
near the entrance to the Northridge Estates subdivision in
Northlake. Several homes in this subdivision sustained minor roof
and tree damage consistent with 60-70 mph EF-0 winds. The tornado
dissipated soon after entering this neighborhood.

..Denton Tornado...

Rating:                 EF1
Estimated Peak Wind:    90 mph
Path Length /statute/:  2.89 miles
Path Width /maximum/:   250.0 yards
Fatalities:             0
Injuries:               0

Start Date:             04/30/2019
Start Time:             06:52 PM CDT
Start Location:         1 NNE Denton / Denton County / TX
Start Lat/Lon:          33.2261 / -97.1252

End Date:               04/30/2019
End Time:               07:01 PM CDT
End Location:           4 NNE Denton / Denton County / TX
End Lat/Lon:            33.2643 / -97.1053

Survey Summary:
This tornado formed on the east side of the Texas Womans
University (TWU) campus, initially producing some minor tree
damage behind Jones Hall. Moving northeastward, the tornado
uprooted several large trees along the edge of the TWU golf course
before crossing University Drive. The track continued
northeastward through heavily wooded neighborhoods in northeast
Denton, snapping or uprooting numerous trees. Several large trees
(and many smaller trees/limbs) fell on homes and vehicles,
resulting in significant property damage. This tornado crossed
Loop 288 and caused some minor tree damage before dissipating near
the intersection of Sherman Drive (FM 428) and Hartlee Fields
Road. During the vast majority of its lifetime, the tornado
produced EF-0 damage on the order of 60- 75 mph. However, tree
damage at a couple of locations, particularly just south of
University Drive, was consistent with high end EF-0/low end EF-1
intensity winds on the order of 85- 90 mph.

EF Scale: The Enhanced Fujita Scale classifies tornadoes into the
following categories:
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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

NOTE:
The information in this statement is preliminary and subject to
change pending final review of the events and publication in NWS
Storm Data.

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Bradshaw
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