



Austin/San Antonio Weather Forecast Office WEATHER EVENT SUMMARY

February 2017 Severe Weather Outbreak

19 - 20 February 2017



Severe Weather February 19-20, 2017

EVENT SUMMARY

Overview

On the evening of Sunday, February 19th, 2017 and the overnight hours of Monday, February 20th, 2017, an upper level disturbance and surface cold front triggered severe weather across south central Texas. Scattered thunderstorms formed across northern Mexico, Maverick, Kinney and Edwards Counties around 5 pm Sunday afternoon. As the storms slowly moved to the east/northeast, they began morphing into a squall line. By 8:30 pm, a well-defined line of thunderstorms was oriented north-south from northern Uvalde County to near Laredo. During this period, the storms had only produced isolated wind damage and severe hail. As the line of thunderstorms reached Bexar County around 10 pm, low-level rotation along the leading edge of the line began to increase. The first tornado of the night occurred in the Ridgeview/Alamo Heights area around 10:36 pm CST. Bexar County would be affected by two additional tornadoes, an EF-1 in the Northern Hills subdivision and an EF-0 in the Glen Heights subdivision, both on the northeast side of San Antonio. A brief EF-0 tornado occurred around 11:00 pm south of Schoenthal Ranch in unincorporated Comal County between Garden Ridge and New Braunfels, followed by another brief EF-0 tornado south of Seguin along Highway 123 in Guadalupe County around 11:16 pm. As the line continued northeastward toward the Austin area, an EF-1 tornado tracked from northwest of San Marcos to near Kyle in Hays County. Around 11:48 pm, an EF-0 impacted the Niederwald and Mustang Ridge areas in Hays and Travis Counties. Lastly, two EF-2 tornadoes impacted the communities of Thrall and Noack in eastern Williamson County around 12:30 am. The line of thunderstorms exited the region around 1 am Monday morning, but not before producing a total of 9 tornadoes and numerous severe straight-line wind events.

TORNADO SUMMARY

#	Tornado	Rating	Time (CST)	Length (miles)	Width	Fatalities	Injuries
1	Ridgeview / Alamo Heights (Bexar County)	EF2	2236-2243	4.6 mi	600 yds	0	?
2	Northern Hills (Bexar County)	EF1	2243-2249	3.0 mi	200 yds	0	?
3	Glen Heights (Bexar County)	EF0	2242-2245	1.6 mi	100 yds	0	?
4	Schoenthal Ranch (Comal County)	EF0	2300-2302	0.7 mi	100 yds	0	?
5	Southern Guadalupe County (Guadalupe County)	EF0	2316-2318	0.23 mi	75 yds	0	0
6	San Marcos (Hays County)	EF1	2326-2335	9.75 mi	300 yds	0	0
7	Mustang Ridge (Travis County)	EF0	2348-2351	3.0 mi	100 yds	0	0
8	Thrall (Williamson County)	EF2	0025-0033	9.4 mi	200 yds	0	0
9	Noack (Williamson County)	EF2	0028-0031	4.24 mi	100 yds	0	0

EF Scale

EF Rating	Wind Speeds	Expected Damage
EF-0	65-85 mph	<p>'Minor' damage: shingles blown off or parts of a roof peeled off, damage to gutters/siding, branches broken off trees, shallow rooted trees toppled.</p> 
EF-1	86-110 mph	<p>'Moderate' damage: more significant roof damage, windows broken, exterior doors damaged or lost, mobile homes overturned or badly damaged.</p> 
EF-2	111-135 mph	<p>'Considerable' damage: roofs torn off well constructed homes, homes shifted off their foundation, mobile homes completely destroyed, large trees snapped or uprooted, cars can be tossed.</p> 
EF-3	136-165 mph	<p>'Severe' damage: entire stories of well constructed homes destroyed, significant damage done to large buildings, homes with weak foundations can be blown away, trees begin to lose their bark.</p> 
EF-4	166-200 mph	<p>'Extreme' damage: Well constructed homes are leveled, cars are thrown significant distances, top story exterior walls of masonry buildings would likely collapse.</p> 
EF-5	> 200 mph	<p>'Massive/incredible' damage: Well constructed homes are swept away, steel-reinforced concrete structures are critically damaged, high-rise buildings sustain severe structural damage, trees are usually completely debarked, stripped of branches and snapped.</p> 

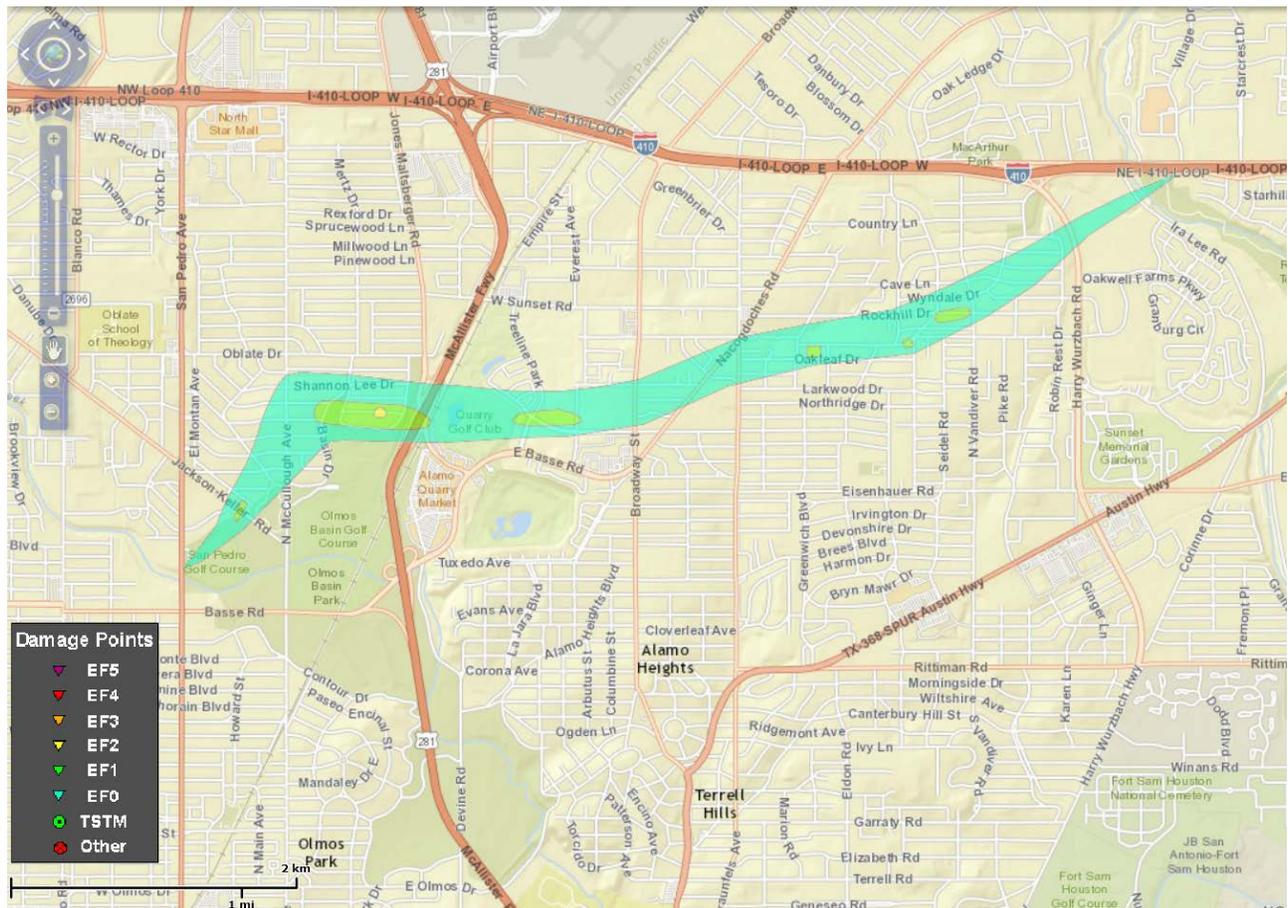
INDIVIDUAL BREAKDOWN

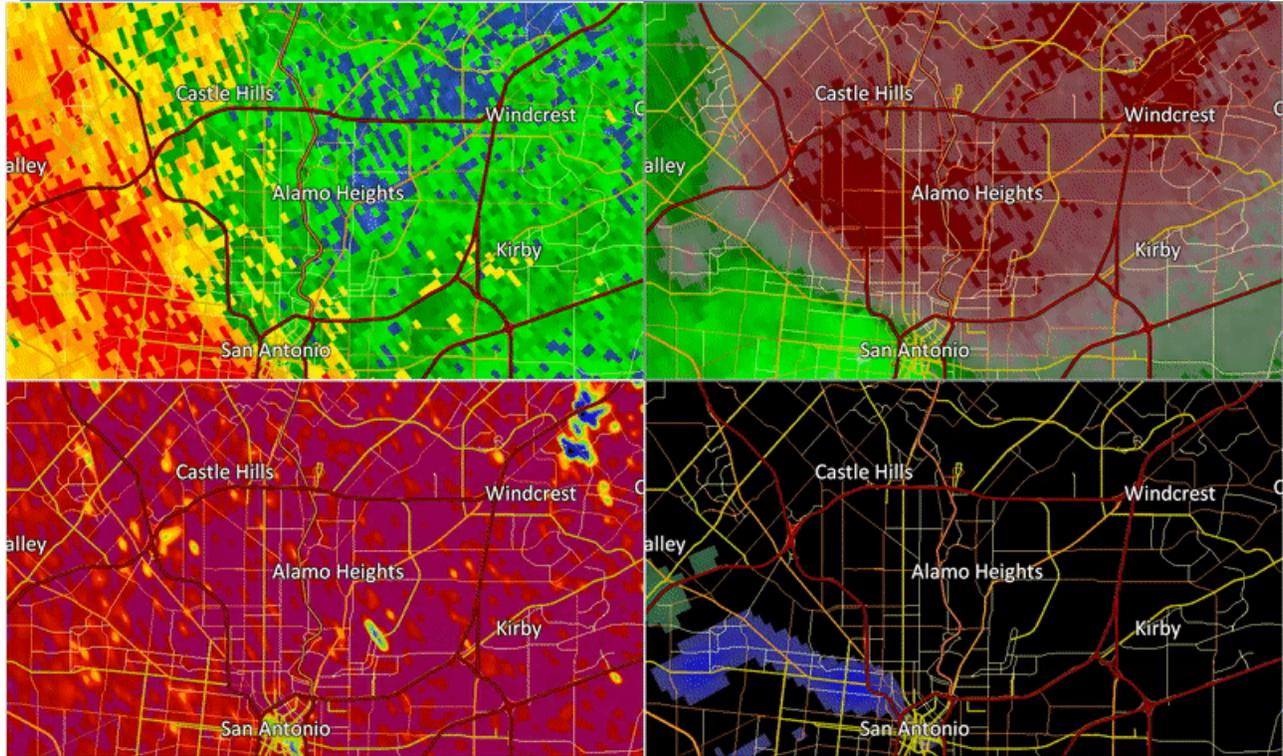
Ridgeview / Alamo Heights (Bexar County)

Ridgeview/Alamo Heights Tornado (Bexar County)

#	Rating	Max Winds	Time (LST)	Start	End	Length	Width	Fatalities	Injuries
1	EF2	120 MPH	2236-2243	29.4907/-98.4991	29.5154/-98.4273	4.6 mi	600 yds	0	?

A tornado formed near San Pedro Avenue at the San Pedro Golf course and moved northeast while strengthening to an EF-1 near Jackson-Keller Road. As it got to Linda Drive is strengthened and the damage path was its widest at near 600 yards. The tornado took a bit of a right turn and moved due east along Linda and Sharon Drives where it had peak winds of near 120 mph making it an EF-2 Tornado. A few homes in this area had their roofs completely removed. The tornado crossed Highway 281 near the Alamo Quarry Market shopping center as an EF-1 and continued on and East-Northeast track through Alamo Heights. Along its path numerous homes had roof damage and major tree damage with large oak trees snapped and uprooted. The rest of the track was mainly EF-0 wind speeds but with a few smaller pockets of EF-1 damage. The tornado crossed near the Nacogdoches/New Braunfels Ave. intersection, moved east-northeast, crossing Harry Wurzbach and finally dissipating near the Loop 410/Salado Creek area.





Public Information Statement

Public Information Statement...Updated

National Weather Service Austin/San Antonio TX

650 AM CST Thu Feb 23 2017

Updated to extend Northern Hills Tornado track.

...NWS DAMAGE SURVEY FOR 02/19/17 TORNADO EVENTS IN BEXAR/COMAL COUNTIES...

.OVERVIEW...STORM SURVEYS WERE CONDUCTED BY NWS METEOROLOGISTS ACROSS PORTIONS OF BEXAR AND COMAL COUNTIES. THESE REPORTS SHOULD STILL BE CONSIDERED PRELIMINARY AND SOME ADJUSTMENTS MAY STILL BE MADE OVER THE COMING DAYS.

.Ridgeview/Alamo Heights Tornado...

Rating:	EF-2
Estimated Peak Wind:	120 mph
Path Length /Statute/:	4.6 Miles
Path Width /Maximum/:	600 Yards
Fatalities:	0



Injuries: Unknown

Start Date: Feb 19 2017
Start Time: 1036 PM CST
Start Location: 5 N San Antonio / Bexar County / TX
Start Lat/Lon: 29.4907 / -98.4991

End Date: Feb 19 2017
End Time: 1043 PM CST
End Location: 3 NNE Terrell Hills / Bexar County / TX
End Lat/Lon: 29.5154 / -98.4273

Survey Summary: A tornado formed near San Pedro Avenue at the San Pedro Golf course and moved northeast while strengthening to an EF-1 near Jackson-Keller Road. As it got to Linda Drive is strengthened and the damage path was its widest at near 600 yards. The tornado took a bit of a right turn and moved due east along Linda and Sharon Drives where it had peak winds of near 120 mph making it an EF-2 Tornado. A few homes in this area had their roofs completely removed. The tornado crossed Highway 281 near the Alamo Quarry Market shopping center as an EF-1 and continued on and East-Northeast track through Alamo Heights. Along its path numerous homes had roof damage and major tree damage with large oak trees snapped and uprooted. The rest of the track was mainly EF-0 wind speeds but with a few smaller pockets of EF-1 damage. The tornado crossed near the Nacogdoches/New Braunfels Ave. intersection, moved east-northeast, crossing Harry Wurzbach and finally dissipating near the Loop 410/Salado Creek area.

.Northern Hills Tornado...

Rating: EF-1
Estimated Peak Wind: 105 mph
Path Length /Statute/: 3.0 Miles
Path Width /Maximum/: 200 Yards
Fatalities: 0
Injuries: Unknown

Start Date: Feb 19 2017



Start Time: 1043 PM CST
Start Location: 3 NW of Windcrest / Bexar County / TX
Start Lat/Lon: 29.5551 / -98.4117

End Date: Feb 19 2017
End Time: 1049 PM CST
End Location: 3 NW of Live Oak / Bexar County / TX
End Lat/Lon: 29.5860 / -98.3780

Survey Summary: A tornado formed just northeast of Thousand Oaks Drive along Scarsdale Drive. The tornado moved to the northeast through residential neighborhoods between Nacogdoches Road and Stahl Road. The tornado produced widespread EF0 damage and pockets of EF1 damage to homes and trees. Some single family homes lost sections of their roofs. There was also significant damage to large utility structures. The tornado lifted near the intersection of Judson Road and Stahl Road.

.Glen Heights Tornado...

Rating: EF-0
Estimated Peak Wind: 80 mph
Path Length /Statute/: 1.6 Miles
Path Width /Maximum/: 100 Yards
Fatalities: 0
Injuries: Unknown

Start Date: Feb 19 2017
Start Time: 1042 PM CST
Start Location: 5 SW of Universal City / Bexar County / TX
Start Lat/Lon: 29.5016 / -98.3601

End Date: Feb 19 2017
End Time: 1045 PM CST
End Location: 3 SW of Universal City / Bexar County / TX
End Lat/Lon: 29.5219 / -98.3469



Survey Summary: A tornado formed near the intersection of Walzem Road and New World Drive. This tornado produced EF0 damage as it traveled to the northeast before lifting near the intersection of Crestway Road and Oconnor Road. There was primarily damage to trees and minor damage to roofs and carports.

.Schoenthal Ranch Tornado...

Rating: EF-0
Estimated Peak Wind: 85 mph
Path Length /Statute/: 0.7 miles
Path Width /Maximum/: 100 Yards
Fatalities: 0
Injuries: Unknown

Start Date: Feb 19 2017
Start Time: 1100 PM CST
Start Location: 3 NE of Garden Ridge / Comal County / TX
Start Lat/Lon: 29.6714 / -98.2650

End Date: Feb 19 2017
End Time: 1102 PM CST
End Location: 4 NE of Garden Ridge / Comal County / TX
End Lat/Lon: 29.6786 / -98.2581

Survey Summary: A tornado initially occurred at the end of Dedeke Drive near the Dry Comal Creek. This tornado primarily produced minor tree damage as it traveled northeast before lifting northeast of Tonne Drive East.

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

Note:

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

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Pictures











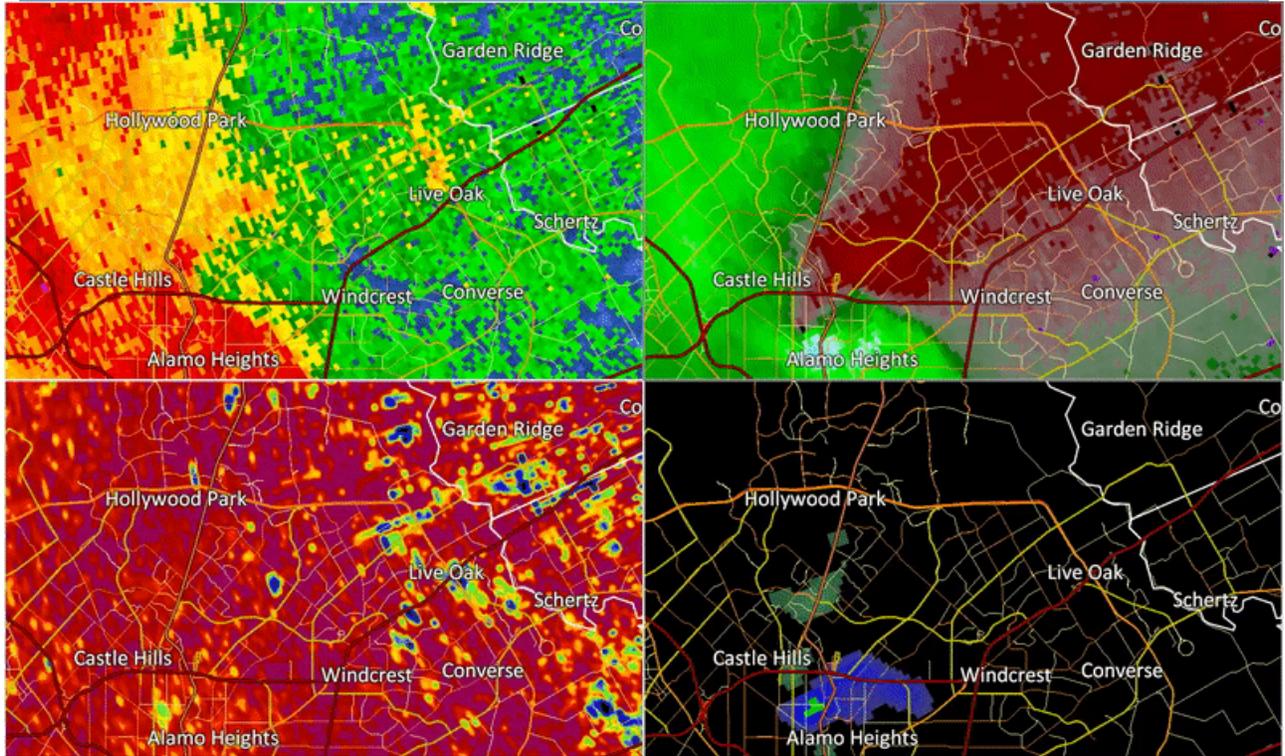
Northern Hills (Bexar County)

Northern Hills Tornado (Bexar County)

#	Rating	Max Winds	Time (LST)	Start	End	Length	Width	Fatalities	Injuries
2	EF1	105 MPH	2243-2249	29.5551/-98.4117	29.5860/-98.3780	3.0 mi	200 yds	0	?

A tornado formed just northeast of Thousand Oaks Drive along Scarsdale Drive. The tornado moved to the northeast through residential neighborhoods between Nacogdoches Road and Stahl Road. The tornado produced widespread EF0 damage and pockets of EF1 damage to homes and trees. Some single family homes lost sections of their roofs. There was also significant damage to large utility structures. The tornado lifted near the intersection of Judson Road and Stahl Road.





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.Ridgeview/Alamo Heights Tornado...

Rating:	EF-2
Estimated Peak Wind:	120 mph
Path Length /Statute/:	4.6 Miles
Path Width /Maximum/:	600 Yards
Fatalities:	0
Injuries:	Unknown



Start Date: Feb 19 2017
Start Time: 1036 PM CST
Start Location: 5 N San Antonio / Bexar County / TX
Start Lat/Lon: 29.4907 / -98.4991

End Date: Feb 19 2017
End Time: 1043 PM CST
End Location: 3 NNE Terrell Hills / Bexar County / TX
End Lat/Lon: 29.5154 / -98.4273

Survey Summary: A tornado formed near San Pedro Avenue at the San Pedro Golf course and moved northeast while strengthening to an EF-1 near Jackson-Keller Road. As it got to Linda Drive is strengthened and the damage path was its widest at near 600 yards. The tornado took a bit of a right turn and moved due east along Linda and Sharon Drives where it had peak winds of near 120 mph making it an EF-2 Tornado. A few homes in this area had their roofs completely removed. The tornado crossed Highway 281 near the Alamo Quarry Market shopping center as an EF-1 and continued on and East-Northeast track through Alamo Heights. Along its path numerous homes had roof damage and major tree damage with large oak trees snapped and uprooted. The rest of the track was mainly EF-0 wind speeds but with a few smaller pockets of EF-1 damage. The tornado crossed near the Nacogdoches/New Braunfels Ave. intersection, moved east-northeast, crossing Harry Wurzbach and finally dissipating near the Loop 410/Salado Creek area.

.Northern Hills Tornado...

Rating: EF-1
Estimated Peak Wind: 105 mph
Path Length /Statute/: 3.0 Miles
Path Width /Maximum/: 200 Yards
Fatalities: 0
Injuries: Unknown

Start Date: Feb 19 2017
Start Time: 1043 PM CST



Start Location: 3 NW of Windcrest / Bexar County / TX
Start Lat/Lon: 29.5551 / -98.4117

End Date: Feb 19 2017
End Time: 1049 PM CST
End Location: 3 NW of Live Oak / Bexar County / TX
End Lat/Lon: 29.5860 / -98.3780

Survey Summary: A tornado formed just northeast of Thousand Oaks Drive along Scarsdale Drive. The tornado moved to the northeast through residential neighborhoods between Nacogdoches Road and Stahl Road. The tornado produced widespread EF0 damage and pockets of EF1 damage to homes and trees. Some single family homes lost sections of their roofs. There was also significant damage to large utility structures. The tornado lifted near the intersection of Judson Road and Stahl Road.

.Glen Heights Tornado...

Rating: EF-0
Estimated Peak Wind: 80 mph
Path Length /Statute/: 1.6 Miles
Path Width /Maximum/: 100 Yards
Fatalities: 0
Injuries: Unknown

Start Date: Feb 19 2017
Start Time: 1042 PM CST
Start Location: 5 SW of Universal City / Bexar County / TX
Start Lat/Lon: 29.5016 / -98.3601

End Date: Feb 19 2017
End Time: 1045 PM CST
End Location: 3 SW of Universal City / Bexar County / TX
End Lat/Lon: 29.5219 / -98.3469

Survey Summary: A tornado formed near the intersection of Walzem



Road and New World Drive. This tornado produced EF0 damage as it traveled to the northeast before lifting near the intersection of Crestway Road and Oconnor Road. There was primarily damage to trees and minor damage to roofs and carports.

.Schoenthal Ranch Tornado...

Rating:	EF-0
Estimated Peak Wind:	85 mph
Path Length /Statute/:	0.7 miles
Path Width /Maximum/:	100 Yards
Fatalities:	0
Injuries:	Unknown
Start Date:	Feb 19 2017
Start Time:	1100 PM CST
Start Location:	3 NE of Garden Ridge / Comal County / TX
Start Lat/Lon:	29.6714 / -98.2650
End Date:	Feb 19 2017
End Time:	1102 PM CST
End Location:	4 NE of Garden Ridge / Comal County / TX
End Lat/Lon:	29.6786 / -98.2581

Survey Summary: A tornado initially occurred at the end of Dedeke Drive near the Dry Comal Creek. This tornado primarily produced minor tree damage as it traveled northeast before lifting northeast of Tonne Drive East.

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

Note:

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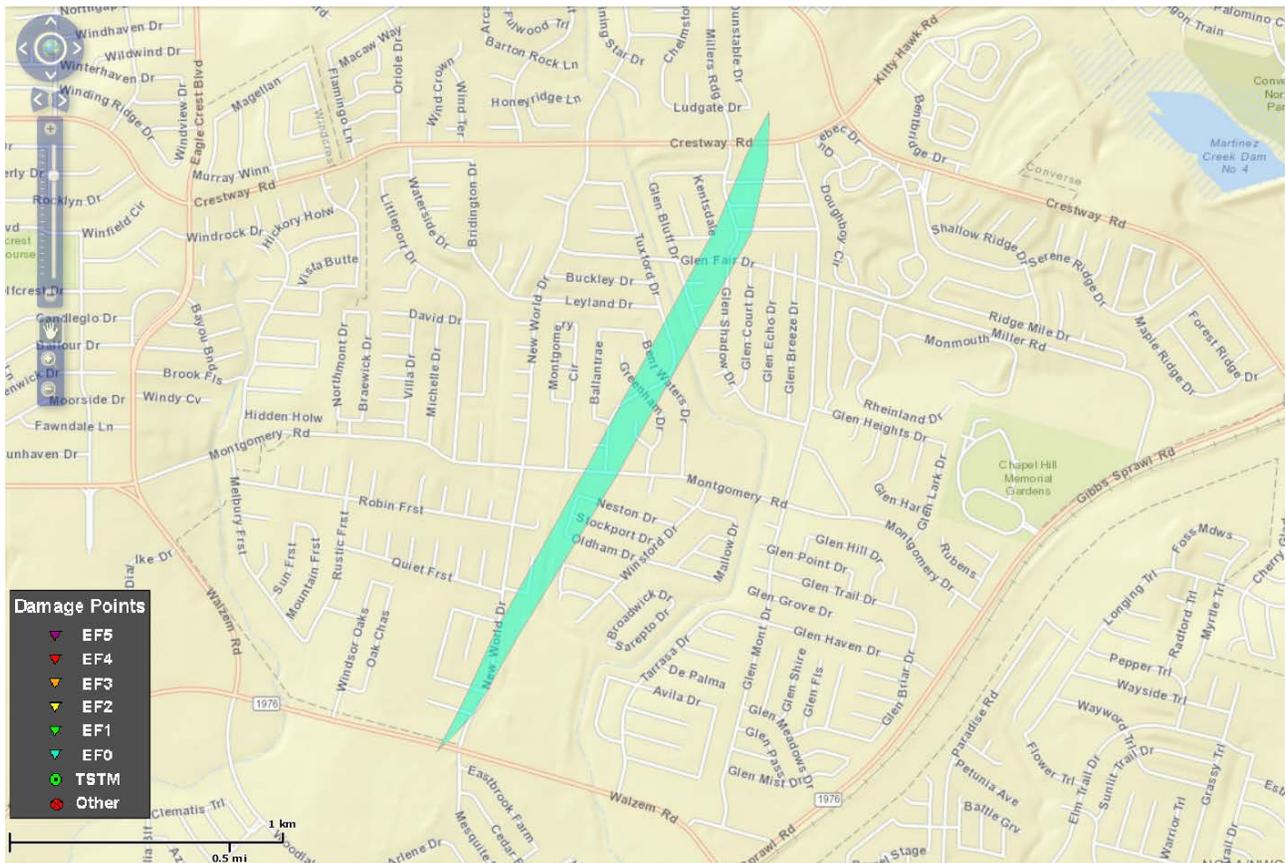


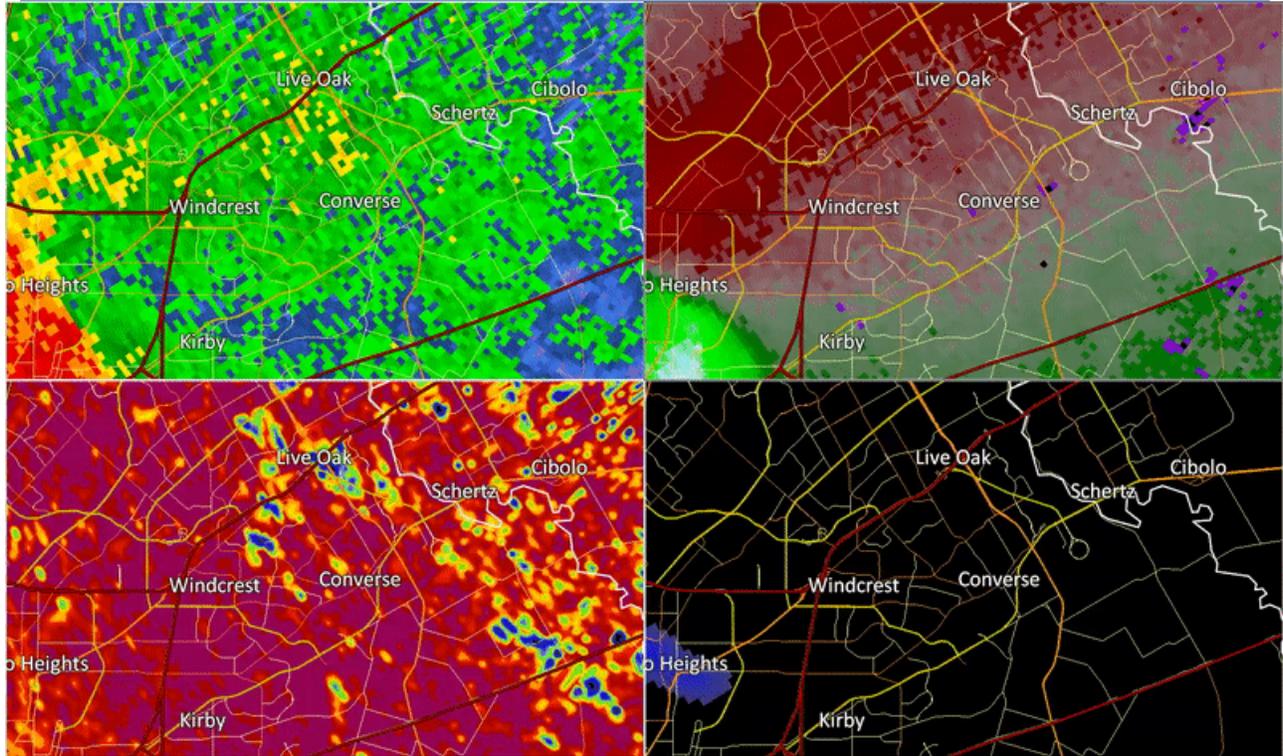
Glen Heights (Bexar County)

Glen Heights Tornado (Bexar County)

#	Rating	Max Winds	Time (LST)	Start	End	Length	Width	Fatalities	Injuries
3	EF0	80 MPH	2242-2245	29.5016/-98.3601	29.5219/-98.3469	1.6 mi	100 yds	0	?

A tornado formed near the intersection of Walzem Road and New World Drive. This tornado produced EF0 damage as it traveled to the northeast before lifting near the intersection of Crestway Road and O'Connor Road. There was primarily damage to trees and minor damage to roofs and carports.





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Updated to extend Northern Hills Tornado track.

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.Ridgeview/Alamo Heights Tornado...

Rating:	EF-2
Estimated Peak Wind:	120 mph
Path Length /Statute/:	4.6 Miles
Path Width /Maximum/:	600 Yards
Fatalities:	0



Injuries: Unknown

Start Date: Feb 19 2017
Start Time: 1036 PM CST
Start Location: 5 N San Antonio / Bexar County / TX
Start Lat/Lon: 29.4907 / -98.4991

End Date: Feb 19 2017
End Time: 1043 PM CST
End Location: 3 NNE Terrell Hills / Bexar County / TX
End Lat/Lon: 29.5154 / -98.4273

Survey Summary: A tornado formed near San Pedro Avenue at the San Pedro Golf course and moved northeast while strengthening to an EF-1 near Jackson-Keller Road. As it got to Linda Drive is strengthened and the damage path was its widest at near 600 yards. The tornado took a bit of a right turn and moved due east along Linda and Sharon Drives where it had peak winds of near 120 mph making it an EF-2 Tornado. A few homes in this area had their roofs completely removed. The tornado crossed Highway 281 near the Alamo Quarry Market shopping center as an EF-1 and continued on and East-Northeast track through Alamo Heights. Along its path numerous homes had roof damage and major tree damage with large oak trees snapped and uprooted. The rest of the track was mainly EF-0 wind speeds but with a few smaller pockets of EF-1 damage. The tornado crossed near the Nacogdoches/New Braunfels Ave. intersection, moved east-northeast, crossing Harry Wurzbach and finally dissipating near the Loop 410/Salado Creek area.

.Northern Hills Tornado...

Rating: EF-1
Estimated Peak Wind: 105 mph
Path Length /Statute/: 3.0 Miles
Path Width /Maximum/: 200 Yards
Fatalities: 0
Injuries: Unknown

Start Date: Feb 19 2017



Start Time: 1043 PM CST
Start Location: 3 NW of Windcrest / Bexar County / TX
Start Lat/Lon: 29.5551 / -98.4117

End Date: Feb 19 2017
End Time: 1049 PM CST
End Location: 3 NW of Live Oak / Bexar County / TX
End Lat/Lon: 29.5860 / -98.3780

Survey Summary: A tornado formed just northeast of Thousand Oaks Drive along Scarsdale Drive. The tornado moved to the northeast through residential neighborhoods between Nacogdoches Road and Stahl Road. The tornado produced widespread EF0 damage and pockets of EF1 damage to homes and trees. Some single family homes lost sections of their roofs. There was also significant damage to large utility structures. The tornado lifted near the intersection of Judson Road and Stahl Road.

.Glen Heights Tornado...

Rating: EF-0
Estimated Peak Wind: 80 mph
Path Length /Statute/: 1.6 Miles
Path Width /Maximum/: 100 Yards
Fatalities: 0
Injuries: Unknown

Start Date: Feb 19 2017
Start Time: 1042 PM CST
Start Location: 5 SW of Universal City / Bexar County / TX
Start Lat/Lon: 29.5016 / -98.3601

End Date: Feb 19 2017
End Time: 1045 PM CST
End Location: 3 SW of Universal City / Bexar County / TX
End Lat/Lon: 29.5219 / -98.3469



Survey Summary: A tornado formed near the intersection of Walzem Road and New World Drive. This tornado produced EF0 damage as it traveled to the northeast before lifting near the intersection of Crestway Road and Oconnor Road. There was primarily damage to trees and minor damage to roofs and carports.

.Schoenthal Ranch Tornado...

Rating:	EF-0
Estimated Peak Wind:	85 mph
Path Length /Statute/:	0.7 miles
Path Width /Maximum/:	100 Yards
Fatalities:	0
Injuries:	Unknown
Start Date:	Feb 19 2017
Start Time:	1100 PM CST
Start Location:	3 NE of Garden Ridge / Comal County / TX
Start Lat/Lon:	29.6714 / -98.2650
End Date:	Feb 19 2017
End Time:	1102 PM CST
End Location:	4 NE of Garden Ridge / Comal County / TX
End Lat/Lon:	29.6786 / -98.2581

Survey Summary: A tornado initially occurred at the end of Dedeke Drive near the Dry Comal Creek. This tornado primarily produced minor tree damage as it traveled northeast before lifting northeast of Tonne Drive East.

EF Scale: The enhanced fujita scale classifies tornadoes into the following categories.

- EF0...Weak.....65 TO 85 mph
- EF1...Weak.....86 TO 110 mph
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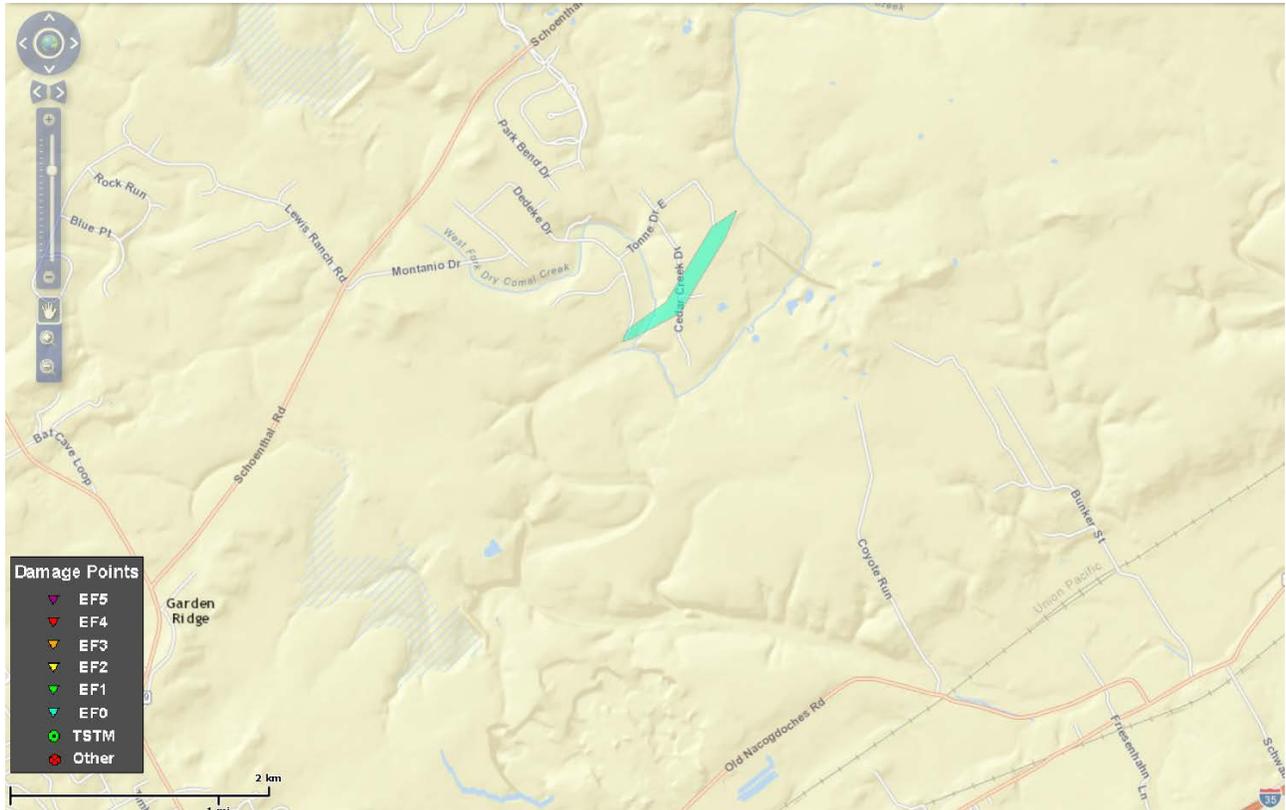


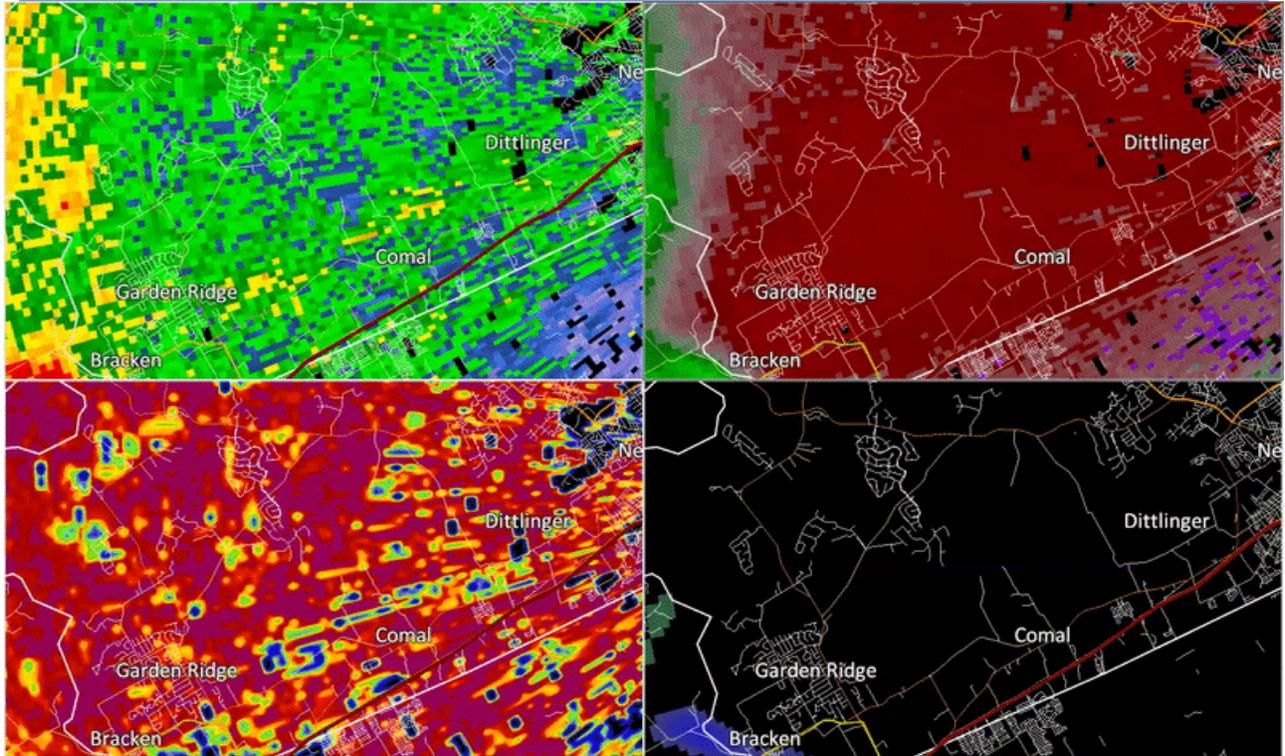
Schoenthal Ranch (Comal County)

Schoenthal Ranch Tornado (Comal County)

#	Rating	Max Winds	Time (LST)	Start	End	Length	Width	Fatalities	Injuries
4	EF0	85 MPH	2300-2302	29.6714/-98.2650	29.6786/-98.2581	0.7 mi	100 yds	0	?

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Path Width /Maximum/:	600 Yards
Fatalities:	0



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Start Date: Feb 19 2017
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Rating: EF-1
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.Schoenthal Ranch Tornado...

Rating:	EF-0
Estimated Peak Wind:	85 mph
Path Length /Statute/:	0.7 miles
Path Width /Maximum/:	100 Yards
Fatalities:	0
Injuries:	Unknown
Start Date:	Feb 19 2017
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Survey Summary: A tornado initially occurred at the end of Dedeke Drive near the Dry Comal Creek. This tornado primarily produced minor tree damage as it traveled northeast before lifting northeast of Tonne Drive East.

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

Note:

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

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Yura

Pictures









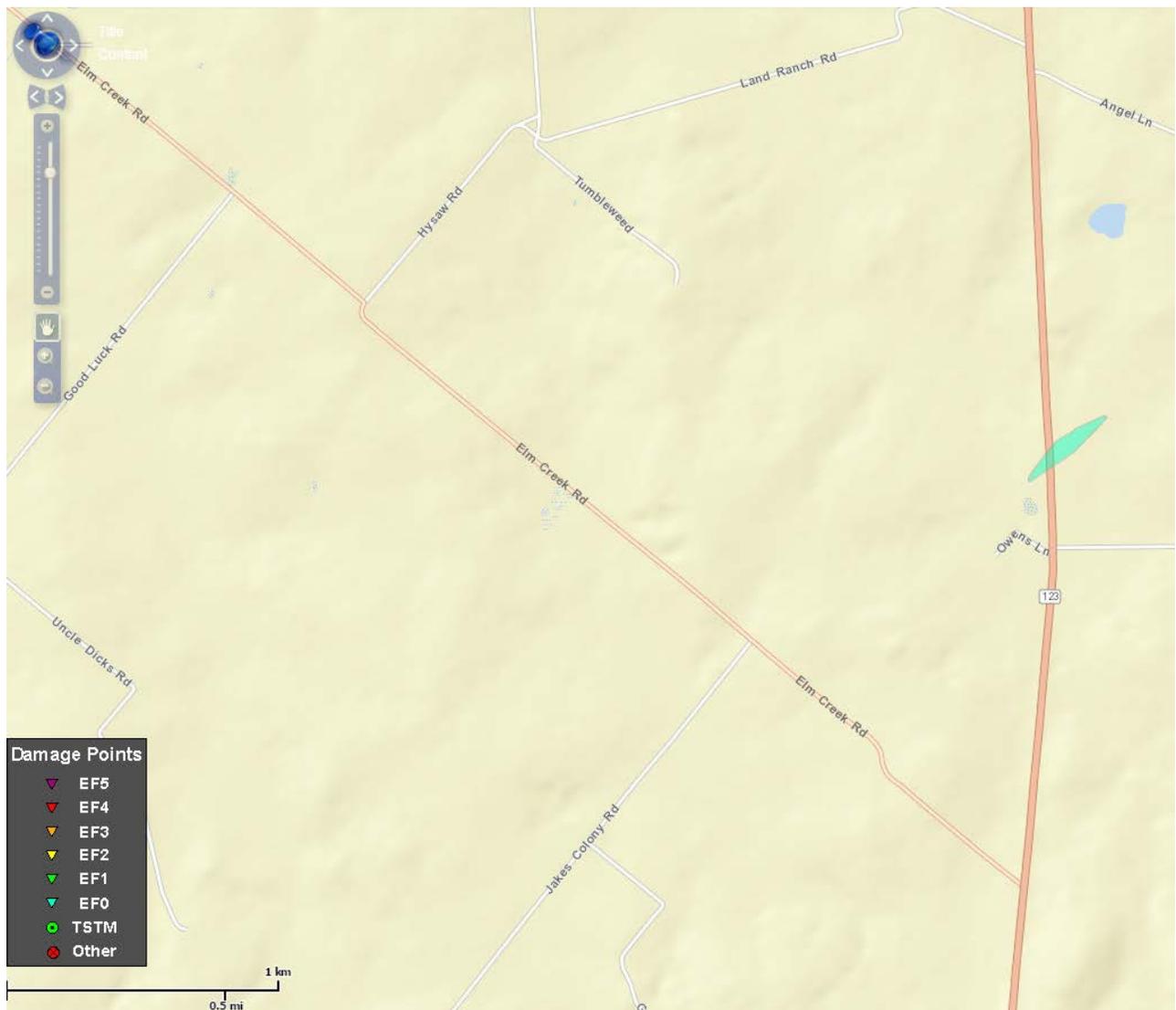


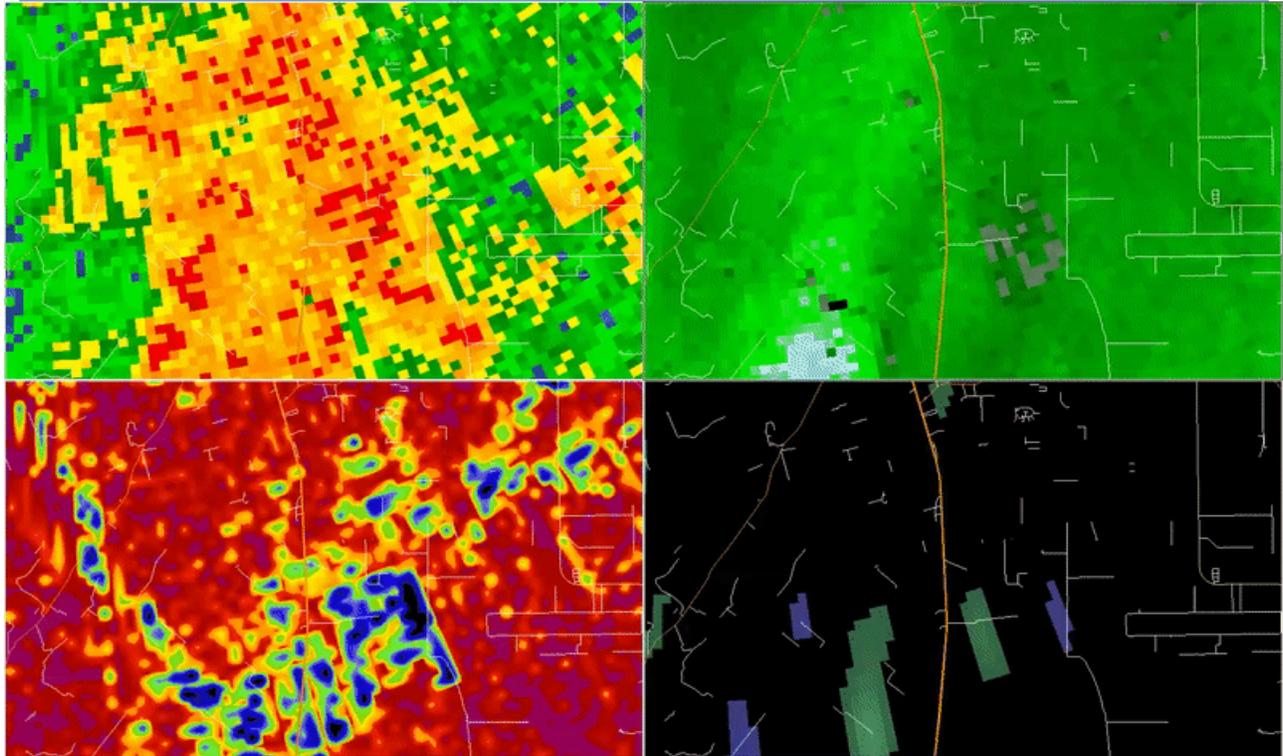
Southern Guadalupe County (Guadalupe County)

Seguin Tornado (Guadalupe County)

#	Rating	Max Winds	Time	Start	End	Length	Width	Fatalities	Injuries
5	EF0	85 MPH	2316-2318	29.4605/-97.9487	29.4626/-97.9458	0.23 mi	75 yds	0	0

This short-lived tornado occurred about 7 miles south of Seguin along Highway 123. This tornado caused several recreational vehicles to overturn, and caused damage to several sheds and outbuildings.





Public Information Statement

Public Information Statement

National Weather Service Austin/San Antonio TX

230 PM CST Tue Feb 21 2017

...NWS DAMAGE SURVEY FOR 02/19/2017 TORNADO EVENT IN GUADALUPE COUNTY...

.Seguin Tornado...

Rating: EF-0
Estimated Peak Wind: 85 mph
Path Length /Statute/: 0.23 Miles
Path Width /Maximum/: 75 Yards
Fatalities: 0
Injuries: 0

Start Date: Feb 19 2017
Start Time: 1116 PM CST
Start Location: 7 S Seguin / Guadalupe County / TX
Start Lat/Lon: 29.4605 / -97.9487



End Date: Feb 19 2017
End Time: 1118 PM CST
End Location: 7 S Seguin / Guadalupe County / TX
End Lat/Lon: 29.4626 / -97.9458

Survey_Summary: This short-lived tornado occurred about 7 miles south of Seguin along Highway 123. This tornado caused several recreational vehicles to overturn, and caused damage to several sheds and outbuildings.

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

Note:

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Hampshire/Williams/Sullivan

Pictures



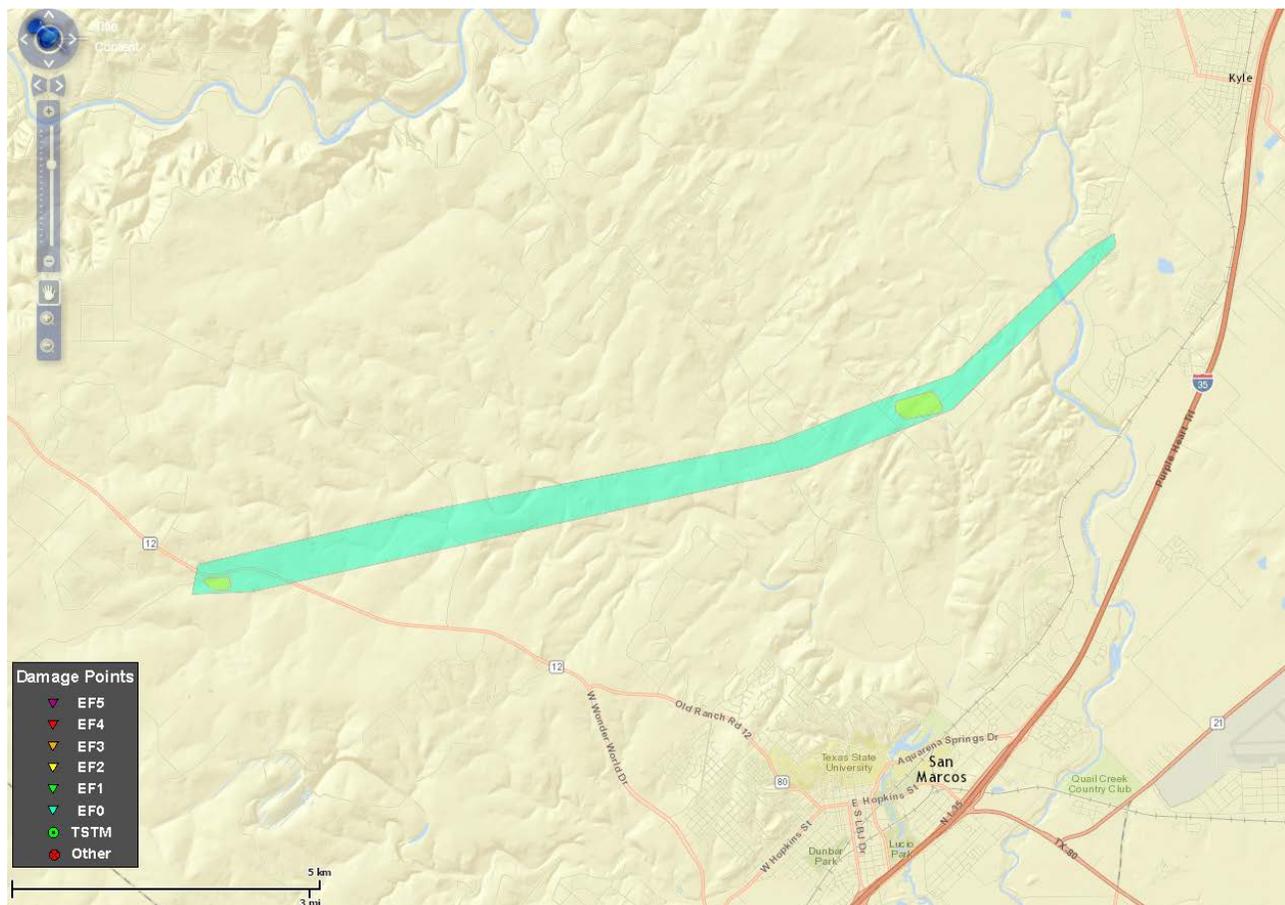


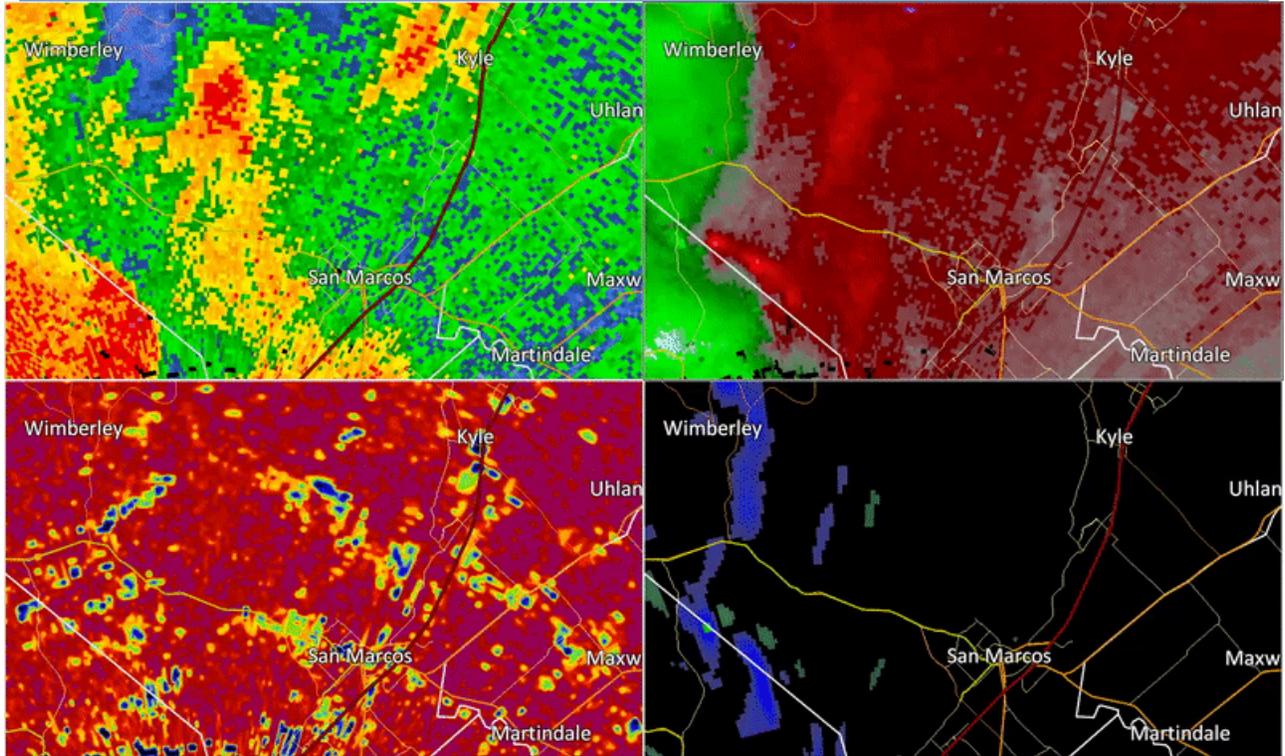
San Marcos (Hays County)

San Marcos/Kyle Tornado (Hays County)

#	Rating	Max Winds	Time	Start	End	Length	Width	Fatalities	Injuries
6	EF1	100 MPH	2326-2335	29.9156/-98.0480	29.9636/-97.8986	9.75 mi	300 yds	0	0

The survey team concluded that a tornado began at the intersection of Ranch Road 12 and Hugo Road where some trees were noted as snapped and a small business had considerable structural damage. The tornado traveled northeast and likely traversed a large area of land that was inaccessible until reaching Hilliard Road and a neighborhood along Thousand Oaks Loop where a wide area of considerable tree damage, including a tree uprooted and fallen onto a vehicle, was found. The tornado path crossed the Blanco River before ending near the Kyle Cemetery on Old Stagecoach Road. At this point, damage became much less significant and sporadic moving east toward I-35.





Public Information Statement

Public Information Statement

National Weather Service Austin/San Antonio TX

630 PM CST Tue Feb 21 2017

...NWS DAMAGE SURVEY FOR 02/19/2017 TORNADO EVENT IN HAYS COUNTY...

.OVERVIEW...STORM SURVEYS WERE CONDUCTED BY NWS METEOROLOGISTS ACROSS HAYS COUNTY...PRIMARILY ALONG RANCH ROAD 12 AND NEW RANCH ROAD 12 ACROSS NORTHWESTERN AND NORTHERN SAN MARCOS AND INTO WESTERN KYLE. THESE REPORTS SHOULD STILL BE CONSIDERED PRELIMINARY AND SOME ADJUSTMENTS MAY BE MADE TO THE TORNADO PATHS AND STRENGTHS OVER THE COMING DAYS.

.SAN MARCOS/KYLE TORNADO...

Rating: EF-1
Estimated Peak Wind: 100 mph
Path Length /Statute/: 9.75 Miles
Path Width /Maximum/: 300 Yards



Fatalities: 0
Injuries: 0

Start Date: Feb 19 2017
Start Time: 1126 PM CST
Start Location: 7 NW San Marcos / Hays County / TX
Start Lat/Lon: 29.9156 / -98.0480

End Date: Feb 19 2017
End Time: 1135 PM CST
End Location: 2 SW Kyle / Hays County / TX
End Lat/Lon: 29.9636 / -97.8986

Survey_Summary: The survey team concluded that a tornado began at the intersection of Ranch Road 12 and Hugo Road where some trees were noted as snapped and a small business had considerable structural damage. The tornado traveled northeast and likely traversed a large area of land that was inaccessible until reaching Hilliard Road and a neighborhood along Thousand Oaks Loop where a wide area of considerable tree damage, including a tree uprooted and fallen onto a vehicle, was found. The tornado path crossed the Blanco River before ending near the Kyle Cemetery on Old Stagecoach Road. At this point, damage became much less significant and sporadic moving east toward I-35.

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

Note:

The information in this statement is preliminary and subject to



change pending final review of the event and publication in
NWS Storm Data.

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Pictures







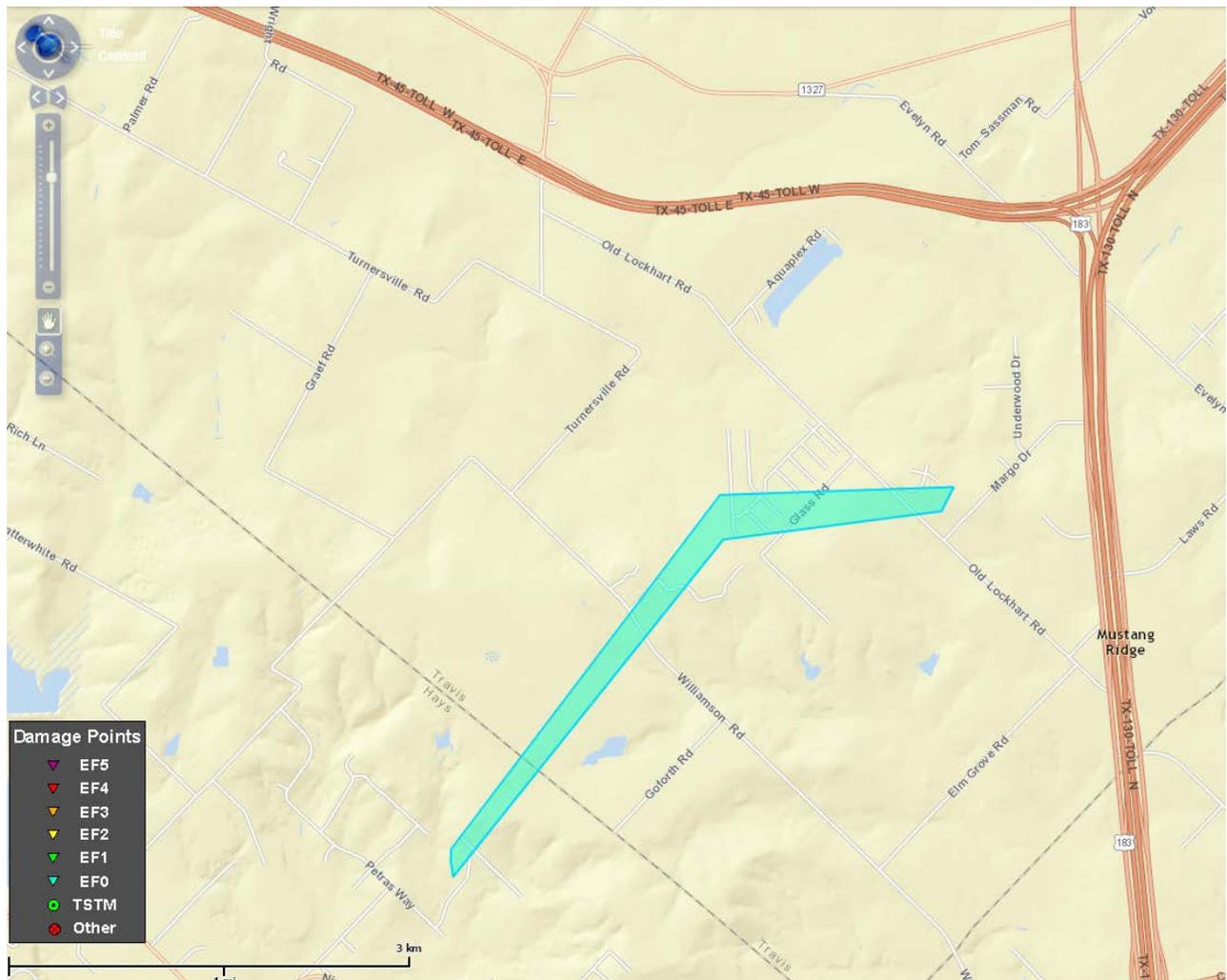


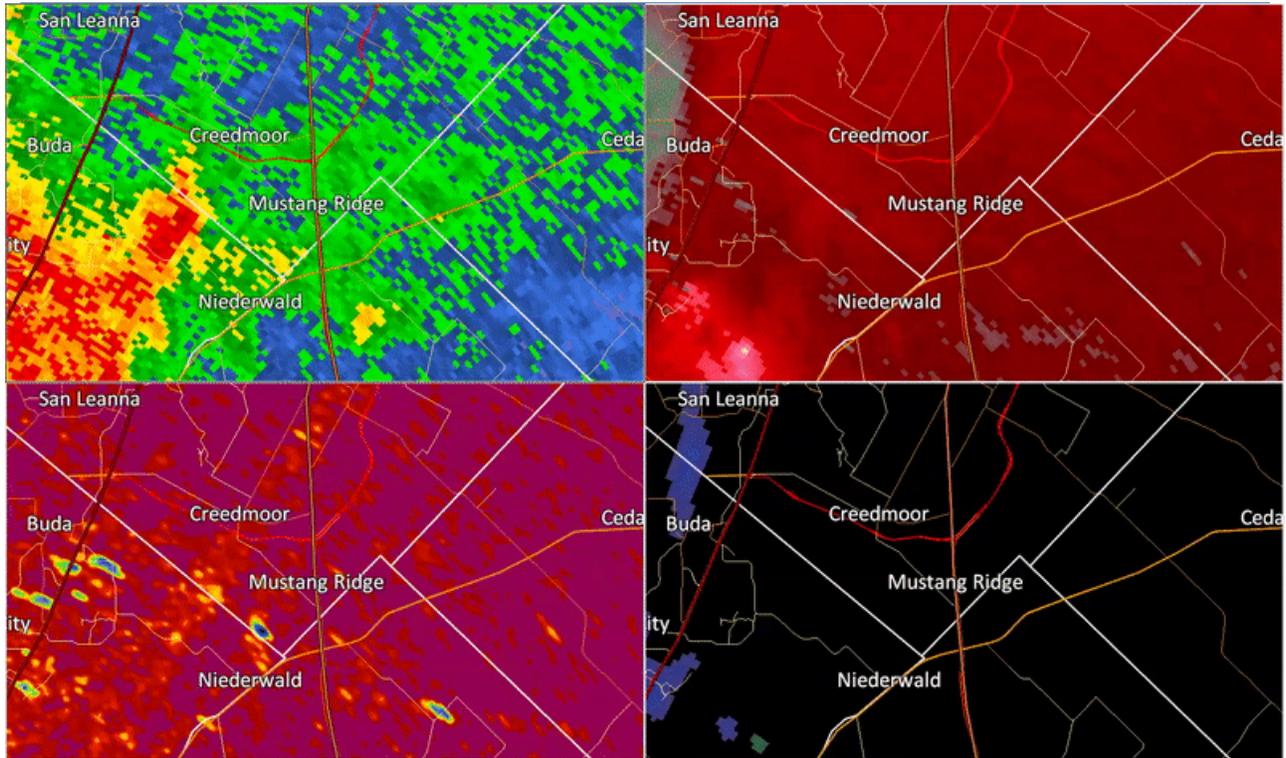


Mustang Ridge (Travis County)

Niederwald/Mustang Ridge Tornado (Hays/Travis County)									
#	Rating	Max Winds	Time	Start	End	Length	Width	Fatalities	Injuries
7	EF0	85 MPH	2348-2351	30.0361/-97.7415	30.0613/-97.7046	3.0 mi	100 yds	0	0

The survey team concluded that many damage areas across central Hays County were due to straight line winds, but a new tornado indeed developed northwest of Niederwald. Damage in this area included a destroyed aluminum barn structure, car port damage, and a few trees with large limbs snapped. As the tornado moved northeast into the Mustang Ridge area, multiple mobile homes had significant roof damage consistent with EF-0 speeds. The tornado likely lifted as it approached SH 130 as damage east of SH 130 was found to be caused by straight line winds.





Public Information Statement

Public Information Statement

National Weather Service Austin/San Antonio TX

949 PM CST Tue Feb 21 2017

...NWS DAMAGE SURVEY FOR 02/19/2017 TORNADO EVENT IN EASTERN HAYS COUNTY AND SOUTHERN TRAVIS COUNTY...

.OVERVIEW...STORM SURVEYS WERE CONDUCTED BY NWS METEOROLOGISTS ACROSS HAYS AND SOUTHERN TRAVIS COUNTY. THESE REPORTS SHOULD STILL BE CONSIDERED PRELIMINARY AND SOME ADJUSTMENTS MAY BE MADE TO THE TORNADO PATHS AND STRENGTHS OVER THE COMING DAYS. OTHER DAMAGE SURVEYS WILL CONTINUE ACROSS SOUTH CENTRAL TEXAS IN THE NEXT FEW DAYS.

.NIEDERWALD/MUSTANG RIDGE TORNADO...

Rating:	EF-0
Estimated Peak Wind:	85 mph
Path Length /Statute/:	3 Miles
Path Width /Maximum/:	100 Yards



Fatalities: 0
Injuries: 0

Start Date: Feb 19 2017
Start Time: 1148 PM CST
Start Location: 2 NW Niederwald / Hays County / TX
Start Lat/Lon: 30.0361 / -97.7415

End Date: Feb 19 2017
End Time: 1151 PM CST
End Location: 1 NW Mustang Ridge / Travis County / TX
End Lat/Lon: 30.0613 / -97.7046

Survey_Summary: The survey team concluded that many damage areas across central Hays county were due to straight line winds, but a new tornado indeed developed northwest of Niederwald. Damage in this area included a destroyed aluminum barn structure, car port damage, and a few trees with large limbs snapped. As the tornado moved northeast into the Mustang Ridge area, multiple mobile homes had significant roof damage consistent with EF-0 speeds. The tornado likely lifted as it approached SH 130 as damage east of SH 130 was found to be caused by straight line winds.

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

Note:

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



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Pictures











Thrall / Noack (Williamson County)

Thrall/Noack Tornadoes (Williamson County)

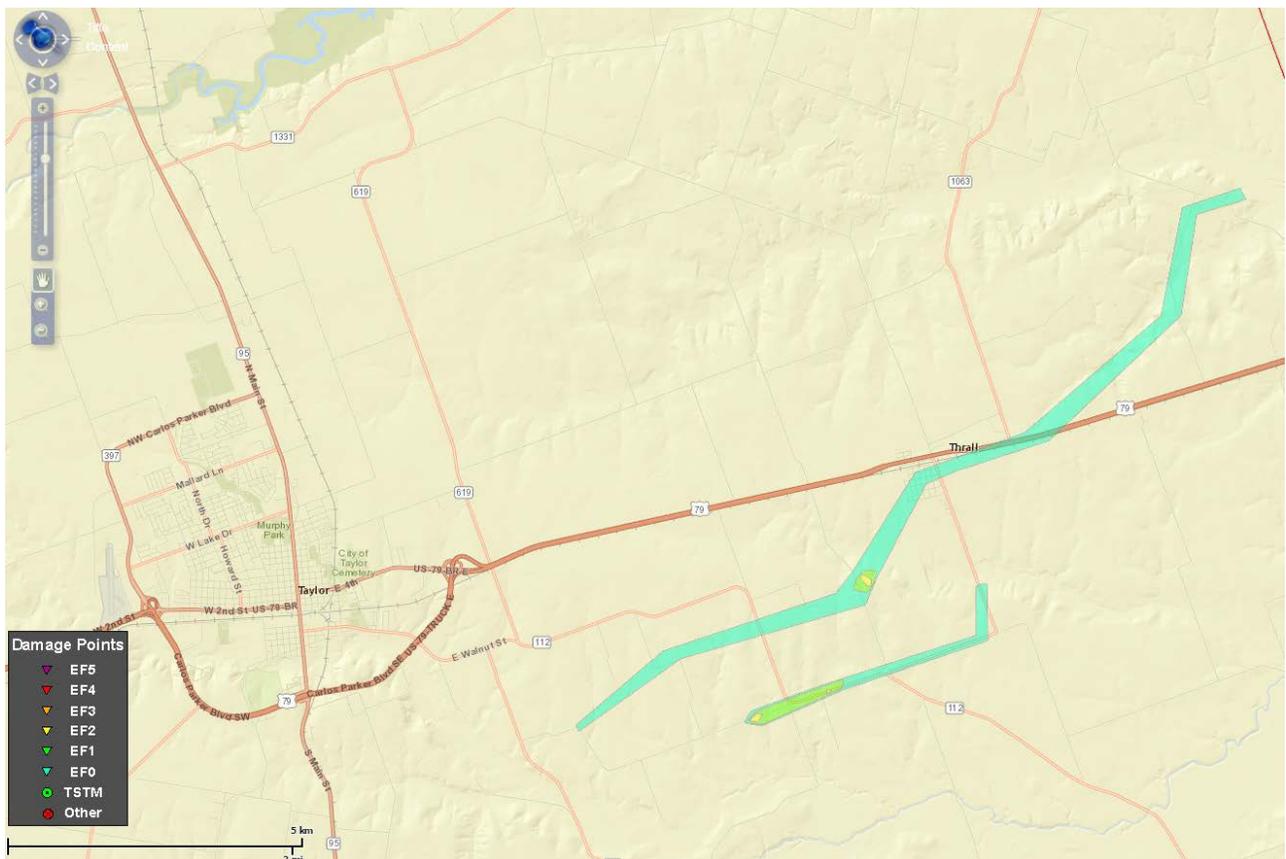
#	Rating	Max Winds	Time	Start	End	Length	Width	Fatalities	Injuries
8	EF2	118 MPH	0025-0033	30.5501/-97.3594	30.6312/-97.2436	9.4 mi	200 yds	0	0
9	EF2	112 MPH	0028-0031	30.5443/-97.3525	30.5709/-97.2883	4.24 mi	100 yds	0	0

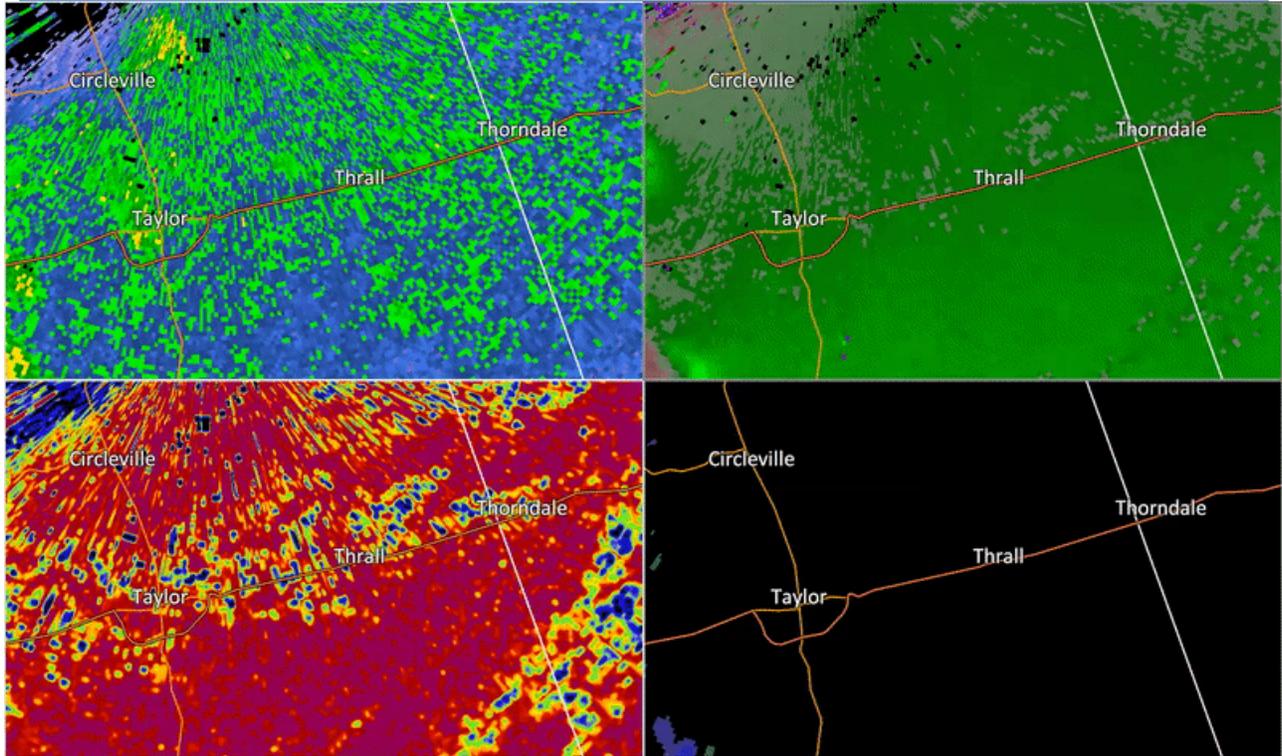
[8] Thrall (EF2)

This tornado was the northern one of a pair on near parallel tracks a few miles south of U.S. Highway 79. Damage was sporadic...but concentrated when it occurred. The most significant damage was to a metal building system home...at least five other single family homes...and 12 railroad cars blown off the tracks east of Thrall. The train cars may have also been affected by strong straight-line winds.

[9] Noack (EF2)

This tornado was the southern one of a pair on near parallel tracks a few miles south of U.S. Highway 79. Damage was sporadic...but concentrated when it occurred. The most significant damage was to a 3-bin grain storage facility...where the bins were completely destroyed and swept from their foundations. Additional damage occurred to an extension of Christ Lutheran Church of Noack on FM 112...where the walls were bolted to the foundation.





Public Information Statement

Public Information Statement...CORRECTED

National Weather Service

Austin/San Antonio TX

210 PM CST Tue Feb 21 2017

Corrected for Noack tornado End Location and Lat/Lon.

Corrected for Noack tornado Path Length.

...NWS DAMAGE SURVEY FOR 02/20/17 TORNADO EVENTS IN EASTERN WILLIAMSON COUNTY...

.OVERVIEW...STORM SURVEYS WERE CONDUCTED BY NWS METEOROLOGISTS ACROSS EASTERN WILLIAMSON COUNTY...PRIMARILY IN AREAS SOUTH OF U.S. HIGHWAY 79 FROM SOUTH OF TAYLOR TO THRALL...AND JUST NORTH/NORTHEAST OF THRALL. THESE REPORTS SHOULD STILL BE CONSIDERED PRELIMINARY AND SOME ADJUSTMENTS MAY BE MADE TO THE TORNADO PATHS AND STRENGTHS OVER THE COMING DAYS. OTHER DAMAGE SURVEYS WILL CONTINUE ACROSS SOUTH CENTRAL TEXAS IN THE NEXT FEW DAYS.

.THRALL TORNADO...

Rating:

EF-2



Estimated Peak Wind: 118 mph
Path Length /Statute/: 9.4 Miles
Path Width /Maximum/: 200 Yards
Fatalities: 0
Injuries: 0

Start Date: Feb 20 2017
Start Time: 1225 AM CST
Start Location: 5 WSW Thrall / Williamson County / TX
Start Lat/Lon: 30.5501 / -97.3594

End Date: Feb 20 2017
End Time: 1233 AM CST
End Location: 4 ENE Thrall / Williamson County / TX
End Lat/Lon: 30.6312 / -97.2436

Survey_Summary: This tornado was the northern one of a pair on near parallel tracks a few miles south of U.S. Highway 79. Damage was sporadic...but concentrated when it occurred. The most significant damage was to a metal building system home...at least five other single family homes...and 12 railroad cars blown off the tracks east of Thrall. The train cars may have also been affected by strong straight-line winds.

.NOACK TORNADO...

Rating: EF-2
Estimated Peak Wind: 112 mph
Path Length /Statute/: 4.24 Miles
Path Width /Maximum/: 100 Yards
Fatalities: 0
Injuries: 0

Start Date: Feb 20 2017
Start Time: 1228 AM CST
Start Location: 5 SW Thrall / Williamson County / TX
Start Lat/Lon: 30.5443 / -97.3525



End Date: Feb 20 2017
End Time: 1231 AM CST
End Location: 1SSE Thrall / Williamson County / TX
End Lat/Lon: 30.5709 / -97.2883

Survey_Summary: This tornado was the southern one of a pair on near parallel tracks a few miles south of U.S. Highway 79. Damage was sporadic...but concentrated when it occurred. The most significant damage was to a 3-bin grain storage facility...where the bins were completely destroyed and swept from their foundations. Additional damage occurred to an extension of Christ Lutheran Church of Noack on FM 112...where the walls were bolted to the foundation.

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

Note:

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Pictures









