

Storm Data and Unusual Weather Phenomena - February 2016

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|-----------|-------------------|---------------------|------------------------|
|----------|-----------|-------------------|---------------------|------------------------|

TEXAS, South

(TX-Z248) ZAPATA, (TX-Z250) BROOKS, (TX-Z251) KENEDY, (TX-Z252) STARR

| | | |
|--------------------|---|--------------|
| 02/05/16 03:00 CST | 0 | Frost/Freeze |
| 02/05/16 07:45 CST | 0 | |

A reinforcing shot of colder and drier air pushed across Deep South Texas on February 4th. Light winds, low dewpoints, and mostly clear skies provided a good set up for a traditional cooling event that resulted in a short duration freeze for Zapata, Brooks, Starr, and Kenedy counties. Temperatures across these counties dropped to or below freezing for several hours during the early morning hours of February 5th.

(TX-Z248) ZAPATA, (TX-Z250) BROOKS, (TX-Z251) KENEDY, (TX-Z252) STARR

| | | |
|--------------------|---|--------------|
| 02/07/16 01:35 CST | 0 | Frost/Freeze |
| 02/07/16 07:45 CST | 0 | |

Persistent and dry northwesterly flow behind a cold front combined with light surface winds, low dewpoints and clear skies to set the stage for a prime radiational cooling event. Temperatures dropped to or below freezing across Kenedy, Starr, Brooks, and Zapata counties.

(TX-Z253) HIDALGO

| | | |
|--------------------|---|----------|
| 02/24/16 12:00 CST | 0 | Wildfire |
| 02/24/16 18:00 CST | 0 | |

The combination of rapidly drying fuels (grasses and brush) with very low afternoon humidity (below 15 percent) and frequent wind gusts between 20 and 25 mph allowed a grass fire to grow rapidly and burn nearly 700 acres of land near Sullivan City. Sparks from someone burning trash ignited the fire and strong winds fueled the fire. No injuries were reported.