

## Storm Data and Unusual Weather Phenomena - October 2022

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|-----------|-------------------|---------------------|------------------------|
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### TEXAS, South Panhandle

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#### (TX-Z042) GARZA

|  |                    |   |  |                       |
|--|--------------------|---|--|-----------------------|
|  | 10/15/22 22:44 CST | 0 |  | High Wind (MAX 59 kt) |
|  | 10/16/22 00:08 CST | 0 |  |                       |

A slow moving cut off upper level low pressure system over Arizona continued to spread moisture over the region on the 16th. Scattered rain showers and isolated thunderstorms persisted for much of the day and evening hours. Evaporatively enhanced winds on the edge of a precipitation shield led to intermittent severe wind gusts in Garza County. The peak gust at a Texas Texas West Texas mesonet site near Graham was 68 mph.

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#### COTTLE COUNTY --- CEE VEE [34.22, -100.45]

|  |                    |   |  |                         |
|--|--------------------|---|--|-------------------------|
|  | 10/27/22 17:45 CST | 0 |  | Hail (1.50 in)          |
|  | 10/27/22 17:45 CST | 0 |  | Source: Broadcast Media |

Local broadcast media relayed a photograph of hail up to ping pong ball size.

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#### (TX-Z040) TERRY

|  |                    |   |  |                       |
|--|--------------------|---|--|-----------------------|
|  | 10/28/22 06:03 CST | 0 |  | High Wind (MAX 56 kt) |
|  | 10/28/22 06:07 CST | 0 |  |                       |

A compact but strong upper level low pressure system dropped southeast across New Mexico on the 27th. Cold temperatures aloft and abundant low level moisture were able to create a modestly unstable environment within an atmosphere of strong wind shear. The combination of these features created strong thunderstorms on the afternoon and evening of the 27th. One of these storms produced ping pong ball size hail as it moved over Cee Vee (Cottle County). Lingering moderate rain showers early in the morning of the 28th generated a brief period of severe wind gusts near Brownfield (Terry County). A Texas Texas University West Texas mesonet site near Brownfield measured severe wind gusts from 0603 CST through 0607 CST with a peak gust of 65 mph.