

...NWS Damage Survey for 04/23/23 Thunderstorm Wind Event in eastern Cameron County...

.70 mph Thunderstorm Wind...

Peak Wind /E/: 65-70 mph
Path Length /statute/: N/A
Path Width /maximum/: N/A
Fatalities: 0
Injuries: 0

Start Date: Apr 23 2023
Start Time: 1259 pm CDT
Start Location: 2 miles S of Arroyo City / Cameron TX
Start Lat/Lon: 26.2900 / -97.4500

End Date: Apr 23 2023
End Time: 105 pm CDT
End Location: 1 mile S of Rio Hondo / Cameron TX
End Lat/Lon: 26.2300 / -97.6000

Survey Summary: Scattered damage consistent with 65 to 70 mph straight-line winds was found from Arroyo City to Rio Hondo. Damage to manufactured homes, utility poles, and tree branches was noted. There was no evidence of tornado damage discovered as the dominant damage direction was south-southeast, implying very strong, but straight-line, north-northwest winds.

.75 mph Thunderstorm Wind...

Peak Wind /E/: 70-75 mph
Path Length /statute/: N/A
Path Width /maximum/: N/A
Fatalities: 0
Injuries: 0

Start Date: Apr 23 2023
Start Time: 110 pm CDT
Start Location: 3 miles N of Bayview / Cameron TX
Start Lat/Lon: 26.1700 / -97.3900

End Date: Apr 23 2023
End Time: 117 pm CDT
End Location: 1 miles SW of Los Fresnos / Cameron TX
End Lat/Lon: 26.0600 / -97.5000

Survey Summary: Scattered damage consistent with 70 to 75 mph straight-line winds was found from Bayview to Los Fresnos. Damage was slightly stronger than in the Arroyo City to Rio Hondo area as the bow echo accelerated southward. This damage included at least two uprooted trees in the Bayview area and the removal of a metal roof covering a church building in Los Fresnos. There was no evidence of tornado damage discovered as the dominant damage direction was again south-southeast.

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NOTE:

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

For specific surveyed locations on a map, as well as associated photos and specific wind ratings, can be found at <https://apps.dat.noaa.gov/StormDamage/DamageViewer/>. When on this page, change the dates in the upper right corner to "begin date" of 4/23/2023 and "end date" of 4/24/2023.

Preliminary Storm Reports across the Rio Grande Valley from April 23, 2023. These include initial reports from the survey above, as well as other reports from Willacy County, Hidalgo County, and the coast. We hope to create a larger "story map" for both episodes from the weekend of April 21-23 at a later date.

Tstm Wnd Dmg = Thunderstorm Wind Damage (information)

Tstm Wnd Gst = Thunderstorm Wind Gust (observation)

1228 PM Tstm Wnd Dmg 1 ENE Raymondville 26.48N 97.77W
04/23/2023 Willacy TX Public

Blowing debris with sheet metal pieces lofted hundreds of feet in the air along a thunderstorm outflow. Timing estimated by radar.

1230 PM Tstm Wnd Dmg 1 W Raymondville 26.48N 97.79W
04/23/2023 Willacy TX Public

Roof peeled back.

0102 PM Tstm Wnd Gst 2 S Mcallen 26.18N 98.24W
04/23/2023 M68 MPH Hidalgo TX ASOS

0103 PM Tstm Wnd Gst 3 NE Harlingen 26.23N 97.66W
04/23/2023 E61 MPH Cameron TX ASOS

0135 PM Non-Tstm Wnd Gst 6 NNW SOUTH PADRE ISLAN 26.16N 97.18W
04/23/2023 M61 MPH Cameron TX Mesonet

MESONET STATION XSPP SPIW PARK.

0138 PM Tstm Wnd Gst 4 NE Bayview 26.17N 97.35W
04/23/2023 M68 MPH Cameron TX AWOS

0145 PM Tstm Wnd Dmg 1 NNE Los Fresnos 26.08N 97.48W
04/23/2023 Cameron TX Public

Siding damage to house in north Los Fresnos. Location and timing are approximated.

0147 PM Tstm Wnd Gst 4 ESE Brownsville 25.91N 97.43W

04/23/2023 M59 MPH Cameron TX ASOS

0153 PM Tstm Wnd Dmg 5 ENE Brownsville 25.95N 97.42W
04/23/2023 Cameron TX NWS Employee

Wood paneled fence and gate blown down at
the SA Recycling facility.

0153 PM Tstm Wnd Dmg 3 E Brownsville 25.92N 97.43W
04/23/2023 Cameron TX NWS Employee

Multiple large tree branches down in
residential area.

0200 PM Tstm Wnd Dmg 1 NNW South Padre Islan 26.09N 97.16W
04/23/2023 Cameron TX Public

Powerlines down at the intersection of
Highway 100 and Padre Blvd in South Padre
Island. Time approximated based on radar and
time report was received.

0200 PM Tstm Wnd Dmg 2 NE Brownsville 25.95N 97.45W
04/23/2023 Cameron TX NWS Employee

Power lines down near IDEA Robindale school.

0209 PM Tstm Wnd Dmg 1 ENE Port Isabel 26.08N 97.21W
04/23/2023 Cameron TX Public

Palm tree down on highway 100 near the base
of the causeway.

0212 PM Tstm Wnd Dmg Los Fresnos 26.07N 97.48W
04/23/2023 Cameron TX Broadcast Media

Large metal structure destroyed and blown
onto highway 100 about a mile or two west of
downtown Los Fresnos.

0330 PM Flood 4 N South Padre Island 26.13N 97.17W
04/23/2023 Cameron TX Public

Water completely covering Padre Blvd on the
north side of SPI.

0210 PM Non-Tstm Wnd Gst 54 ENE Port Mansfield 26.97N 96.69W
04/23/2023 M58 MPH GMZ175 TX Mesonet

Mesonet station 42020 54 ENE Port Mansfield.

0135 PM Non-Tstm Wnd Gst 6 NNW South Padre Islan 26.16N 97.18W
04/23/2023 M61 MPH GMZ130 TX Mesonet

Mesonet station XSPPIW Park.