

Storm Data and Unusual Weather Phenomena - March 2020

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

HOCKLEY COUNTY --- 2.5 E COBLE [33.60, -102.46], 0.5 ENE SMYER [33.58, -102.16]

03/17/20 07:55 CST	0	Hail (1.00 in)
03/17/20 08:13 CST	0	Source: Trained Spotter

A swath of quarter size hail was reported along Texas Highway 114 from approximately five miles west of Levelland to Smyer. No damage was reported.

LUBBOCK COUNTY --- 0.6 SE DOUD [33.56, -101.92]

03/17/20 08:45 CST	0	Hail (1.00 in)
03/17/20 08:45 CST	0	Source: Trained Spotter

Numerous reports of penny size hail were reported across the western portion of the city of Lubbock with one report of quarter size hail near the intersection of Slide Road and US Highway 62/82. No damage was known.

CROSBY COUNTY --- RALLS [33.68, -101.38]

03/17/20 09:45 CST	0	Hail (1.00 in)
03/17/20 09:45 CST	0	Source: Public

A report was received of quarter size hail in Ralls. No damage was reported.

Very moist air streaming into the region interacted with a slow moving cold frontal boundary draped across the region from west to east. Significant amounts of elevated instability existed above the frontal boundary which allowed morning thunderstorms to become severe as they moved across the South Plains and Rolling Plains. The complex of thunderstorms produced mostly penny to quarter size hail on the caprock with mostly pea size hail off the caprock.

LUBBOCK COUNTY --- 4.1 S WOLFFORTH [33.44, -102.02], 2.3 W LUBBOCK [33.58, -101.89]

03/18/20 16:29 CST	0	Hail (2.25 in)
03/18/20 16:54 CST	0	Source: NWS Employee

Numerous reports of hail from off-duty NWS employees and social media were received as a severe thunderstorm tracked from south of Wolfforth to western Lubbock. Hail ranged in size from quarters to one report of tennis ball size. No damage was reported.

CHILDRESS COUNTY --- 0.4 ENE CHILDRESS [34.42, -100.19], 7.0 N CHILDRESS [34.52, -100.20]

03/18/20 17:00 CST	0	Hail (1.75 in)
03/18/20 17:15 CST	0	Source: Public

A swath of golf ball size hail fell from southeastern Childress to approximately seven miles north of Childress along US Highway 83. No damage was reported.

LUBBOCK COUNTY --- 2.8 NE WOLFFORTH [33.53, -101.98]

03/18/20 17:20 CST	0	Hail (1.25 in)
03/18/20 17:20 CST	0	Source: Social Media

A picture on social media depicted half dollar size hail along US Highway 62/82 northeast of Wolfforth. No damage was reported.

Several consecutive days of southwesterly flow aloft were capped off by a final day of severe convection on the 18th. A short wave moved from southwest to northeast over the region ahead of a large upper level low off the southern California coast. Strong low level moisture was present in the region which created a very unstable atmosphere. Although convection was fairly unorganized, a few strong updrafts were able to generate very large hail. One of these thunderstorms developed over the southwestern portion of Lubbock County and tracked through Wolfforth (Lubbock County) and western portions of the city of Lubbock (Lubbock County). A swath of severe hail was reported through this track with a maximum hail size of 2.25 inches. A second severe thunderstorm tracked from the southeastern side of Childress (Childress County) northward up US Highway 83. This storm produced hail up to golf ball size.