

Storm Data and Unusual Weather Phenomena - February 2019

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

(TX-Z028) LAMB, (TX-Z033) COCHRAN, (TX-Z034) HOCKLEY, (TX-Z035) LUBBOCK, (TX-Z039) YOAKUM, (TX-Z041) LYNN

	02/11/19 14:00 CST		3K	High Wind (MAX 38 kt)
	02/11/19 18:00 CST		0	

An upper level short wave trough emerged from the southern Rockies on the 11th. This allowed strong mid and upper level winds to spread across the region during the daytime hours. High winds did not develop until the mid-afternoon hours because abundant high level cloud cover prevented significant boundary layer mixing during the morning. Damages included: a power pole was blown over near the intersection of Interstate 27 and US Highway 84 in the city of Lubbock. Several Texas Tech University West Texas Mesonet stations met or exceeded sustained winds of 40 mph. High wind reports are listed below.

44 mph at Reese Center (Lubbock County), 43 mph at Amherst (Lamb County), 42 mph at Morton (Cochran County), 42 mph at Plains (Yoakum County), 42 mph at Anton (Hockley County), 42 mph at New Home (Lynn County), 41 mph at Denver City (Yoakum County), and 40 mph at Tahoka (Lynn County).

(TX-Z024) BRISCOE

	02/14/19 00:09 CST		0	High Wind (MAX 53 kt)
	02/14/19 06:25 CST		0	

During the pre-dawn hours, a strong westerly low level jet around 60 mph created a turbulent rotor downwind of the Caprock escarpment in Briscoe County. This rotor caused several instances of high winds for just over six hours in Caprock Canyons State Park, with a peak gust measured as high as 61 mph at 3:06 CST. No known damage accompanied these winds.

(TX-Z022) CASTRO, (TX-Z023) SWISHER, (TX-Z024) BRISCOE, (TX-Z025) HALL, (TX-Z026) CHILDRESS, (TX-Z028) LAMB, (TX-Z029) HALE, (TX-Z030) FLOYD, (TX-Z031) MOTLEY, (TX-Z032) COTTLE, (TX-Z034) HOCKLEY, (TX-Z035) LUBBOCK, (TX-Z036) CROSBY, (TX-Z038) KING, (TX-Z039) YOAKUM, (TX-Z041) LYNN

	02/23/19 03:00 CST		0	High Wind (MAX 53 kt)
	02/23/19 13:54 CST		0	

On the heels of overnight showers and thunderstorms across the western South Plains and southwest Panhandle with even a narrow band of light snow falling later in northern Bailey County, a strong Pacific front plowed east before daybreak. A few high wind gusts accompanied this frontal passage, but the widespread high wind event moved into high gear around 9 AM with many locations registering sustained winds of 40 mph or more, with frequent gusts of 50 to 60 mph. Fortunately, the parent upper low moved out of the Panhandle by midday and prevented what could have been an all-day wind and much worse dust event. Still, the three to four hours of high winds dealt a number of impacts to the region including sporadic power outages, minor structural damage, some downed tree limbs, and widespread blowing dust that reduced visibility in most areas to 3 to 5 miles for about two hours. Some locales saw dust storm conditions (visibility below 1/4 mile with strong winds) just before the noon hour, but this was not widespread enough to meet dust storm warning criteria. At one point, all westbound lanes of the South Loop in Lubbock at Quaker Avenue were closed due to a fallen power line on the road. Despite the high winds and dry vegetation, wildfire potential was curbed by relatively cool and moist conditions.