	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details	
EXAS, South Panhandle					
X-Z026) CHILDRESS, (TX-Z041)) LYNN, (TX-Z042) GARZA				
	01/01/21 00:00 CST		0	Winter Storm	
	01/01/21 06:00 CST		0		
TX-Z030) FLOYD, (TX-Z031) MOT	TLEY, (TX-Z035) LUBBOCK, (TX-Z036) CRC	OSBY, (TX-Z037) D	CKENS, (TX-Z038	3) KING, (TX-Z043) KENT, (TX-Z044)	
STONEWALL	04/04/04 00:00 007		0		
	01/01/21 00:00 CST 01/01/21 05:00 CST		0 0	Winter Weather	
A strong upper level low which brought thunderstorms and snow to the region on the 29th and 30th of December finally moved northeastward out of northern Mexico on the 31st. Following the precipitation on the 30th, a notable dry layer aloft moved overhead delaying the start of precipitation on the 31st until the afternoon and evening hours. Most areas on the South Plains were unable to moisten up enough to experience accumulating snowfall. Although this dry air reduced the amount of precipitation that made it to the ground, it promoted evaporative cooling, which allowed temperatures to quickly drop to and below freezing. This kept most of the precipitation in the form of snow and sleet. The snow quickly diminished from southwest to northeast early in the morning on 1 January. A widespread area of snowfall of two to three inches fell over the Rolling Plains and portions of the eastern South Plains. A narrow snow band developed over Garza County which produced up to 8.5 inches of snowfall. Note that this event began on 31 December and ended on 1 January. Snowfall reports are from NWS cooperative weather observers, social media, and law enforcement: 8.5 inches at Post (Garza County), 6.0 inches at Lake Alan Henry (Garza County), 4.5 inches at Childress (Childress County), 4.0 inches at Tahoka (Lynn County), 3.5 inches at Slaton (Lubbock County), 3.5 inches at Jayton (Kent County), 3.0 inches at Matador (Motley County), 3.0 inches at Crosbyton (Crosby County), 2.5 inches at Dickens (Dickens County), 2.0 inches at Floydada (Floyd County), 1.6 inches at Aspermont (Stonewall County), and 1.0 inches at Guthrie (King County).					
TX-Z034) HOCKLEY, (TX-Z035) L	LUBBOCK, (TX-Z039) YOAKUM, (TX-Z040) * 01/01/21 00:00 CST	TERRY, (TX-Z041)	LYNN 0	Drought	
	01/31/21 23:59 CST		0		
-	er slight improvement through the month o nts over all of the South Plains, Rolling Pla	-		-	
conditions remained over a majo D1). A number of significant precipita northern Mexico which initially b upper level storm system moved end on January 1st across the Re observed with isolated amounts and southern Rolling Plains saw Plains saw widespread 4-7 incher hird precipitation event occurred	he western South Plains just to the extrem brity of the South Plains. Most of the Rollin ation events occurred during the month of rought a line of thunderstorms to the easter lout over central Texas producing widespro- olling Plains and portions of the eastern So up to 8.5 inches. The next winter storm oc the most snow from this system with 11 in as of snowfall from this storm while the ext d on the 24th. A broken line of thunderstor 5 inches of rainfall.	ng Plains remained January. A strong tern South Plains a read snowfall that south Plains. Wides ccurred from the 9t nches at Denver Ci treme southern Tex	in abnormally dry upper level storm nd Rolling Plains began on Decemi spread snowfall o h into the 10th. Th ty. Much of the S kas Panhandle ob	y (D0) to moderate drought n system dived into on the 29th. This strong ber 31st and came to an f two to four inches was ne southern South Plains outh Plains and Rolling served 1-3 inches. A	
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A major winter storm impacted the South Plains, Rolling Plains, and extreme southern Texas Panhandle from late on the 9th through the

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

10th. A strong upper level low pressure system moved to the southeast across the Intermountain West on the 9th emerging in New Mexico late in the evening. The system then tracked into southeastern New Mexico and eastward on the 10th. Snow began late on the 9th in the western South Plains and spread eastward early on the 10th. As the upper level system moved away from the area late on the 10th, lingering light snow continued into late in the afternoon tapering off from west to east. The largest swath of heavy snow fell across the southwestern South Plains. This storm system brought a larger swath of heavy snow to Colorado, Texas, Oklahoma, Louisiana, and Mississippi.

Snowfall reports are from NWS cooperative weather observers:

11.0 inches at Denver City (Yoakum County), 9.0 inches at Post (Garza County), 8.0 inches at Tahoka (Lynn County), 7.6 inches at Lubbock International Airport (Lubbock County), 7.0 inches at Plains (Yoakum County), 7.0 inches at Jayton (Kent County), 7.0 inches at Crosbyton (Crosby County), 7.0 inches at Spur (Dickens County), 7.0 inches at Brownfield (Terry County), 7.0 inches at White River Lake (Crosby County), 6.0 inches at Ropesville (Hockley County), 5.3 inches at Levelland (Hockley County), 5.0 inches at Matador (Motley County), 5.0 inches at Floydada (Floyd County), 5.0 inches at Aspermont (Stonewall County), 4.0 inches at Guthrie (King County), 4.0 inches at Silverton (Briscoe County), 4.0 inches at Turkey (Hall County), 3.9 inches at Shallowater (Lubbock County), 3.5 inches at Vigo Park (Swisher County), 3.0 inches at Levelland (Lamb County), 3.0 inches at Hart (Castro County), 3.0 inches at Olton (Lamb County), 2.5 inches at Muleshoe (Bailey County), 2.5 inches at Dimmitt (Castro County), 2.5 inches at Friona (Parmer County), 2.5 inches at Tulia (Swisher County), 1.9 inches at Plainview (Hale County), 1.5 inches at Tell (Childress County), and 1.0 inch at Childress (Childress County).



Heavy snow blanketing Brownfield on the morning of 10 January. The picture is courtesy of David Drummond.

(TX-Z023	SWISHER.	(TX-Z025) HALL	
(1)(=0=0	,		

01/14/21 04:58 CST 01/14/21 06:44 CST

0 0 High Wind (MAX 55 kt)

Early in the morning on the 14th, a strong cold front moved through the region. Very strong winds aloft were able to mix down to the surface along with strong pressure rises behind the cold front.

High wind reports are from the Texas Tech University West Texas mesonet:

63 mph at Lesley (Hall County), 61 mph at Memphis (Hall County), and 58 mph at Tulia (Swisher County).

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	01/24/21 23:00 CST		0	Hail (2.25 in)
	01/24/21 23:21 CST		0	Source: COOP Observer

A large swath of hail began near New Moore near the intersection of Farm to Market Roads 213 and 179. The hail tracked to the east-northeast across Lynn County crossing US Highway 87 ending to the northeast of the intersection of Farm to Market Roads 3332 and 2956. The size of the hail varied from golf ball size near New Moore to tennis ball size east of US Highway 87. Extensive damage was also reported the next day from this hail storm including damage to vehicles and farm equipment. It was also reported that 302 birds were killed by the hail.

An unusual January severe storm occurred late on the 24th in Lynn County. Warm and moist air was drawn up into the region from the south in response to an approaching upper level storm system in the southwestern United States. As a result, a broken line of thunderstorms developed from northeast to southwest and moved eastward late in the evening. Many of these storms dropped small hail but one in Lynn County became severe producing hail up to the size of billiard balls. Numerous reports of property and crop damage were received, as well as a report of numerous wildlife deaths.

(TX-Z022) CASTRO, (TX-Z023) SWISHER, (TX-Z024) BRISCOE, (TX-Z025) HALL, (TX-Z027) BAILEY, (TX-Z028) LAMB, (TX-Z029) HALE, (TX-Z030) FLOYD, (TX-Z031) MOTLEY, (TX-Z032) COTTLE, (TX-Z033) COCHRAN, (TX-Z034) HOCKLEY, (TX-Z035) LUBBOCK, (TX-Z036) CROSBY, (TX-Z037) DICKENS, (TX-Z040) TERRY, (TX-Z042) GARZA

	01/30/21 08:39 CST	0	High Wind (MAX 59 kt)	
	01/30/21 14:50 CST	0		
(TX-Z034) HOCKLEY, (TX-Z035) L	JBBOCK			
(TX-Z034) HOCKLEY, (TX-Z035) L	JBBOCK 01/30/21 11:00 CST	0	Dust Storm	

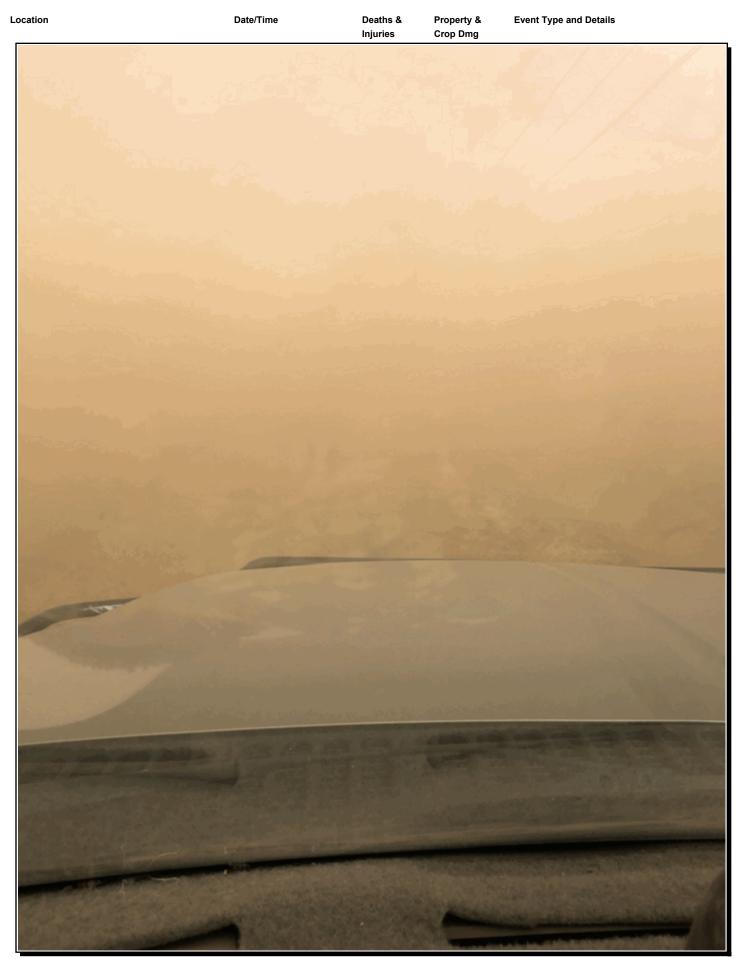
A powerful upper level storm system which brought several feet of snow to the Sierra Nevada mountains of California also brought widespread high winds to the South Plains and extreme southern Texas Panhandle. This system quickly accelerated as it moved across the Intermountain West emerging onto the High Plains early in the morning of the 30th. Strong winds aloft, already in place over the region early in the morning, quickly mixed down to the surface after sunrise. Most of the South Plains and extreme southern Texas Panhandle saw wind gusts in excess of 58 mph or sustained winds exceeding 40 mph during the morning to early afternoon hours. As the upper level storm system pulled away from the region during the afternoon, winds diminished through the afternoon hours. The strong winds also brought widespread blowing dust which reduced visibilities to under one mile at times. In Hockley and Lubbock Counties, visibility was reduced to near zero in some locations.

High wind gusts per county are from the Texas Tech University West Texas mesonet:

68 mph at Reese Center (Lubbock County), 64 mph at Ralls (Crosby County), 64 mph at Roaring Springs (Motley County), 62 mph at McAdoo (Dickens County), 61 mph at Littlefield (Lamb County), 61 mph at Levelland (Hockley County), 61 mph at Graham (Garza County), 60 mph at Turkey (Hall County), 60 mph at Abernathy (Hale County), 60 mph at Floydada (Floyd County), 59 mph at Brownfield (Terry County), 58 mph at Morton (Cochran County), 58 mph at Caprock Canyons State Park (Briscoe County), and 58 mph at Hackberry (Cottle County).

Sustained high wind reports per county from the Texas Tech University West Texas mesonet are below:

45 mph at Vigo Park (Swisher County), 42 mph at Dimmitt (Castro County), and 42 mph at Muleshoe (Bailey County).



Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Photograph of thick blowing dust in Hockley County showing zero visibility. Photo is courtesy of Mike Hill.