Storm Data and Unusual Weather Phenomena - March 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Panhandle				
(OK-Z001) CIMARRON, (OK-Z002	P) TEXAS. (OK-Z003) BEAVER			
(011 200 1) 011111 1111011, (011 2002	03/01/22 00:00 CST		0	Drought
	03/31/22 23:59 CST		0	•
and Texas Panhandles. Soil mois Other concerns for ranchers was conditions contributed to multip	August of 2021 with only a few isolated ever sture remained short to very short with supp s the threat of wildfires. Tillage and winter w le wildfires when combined with high wind tal of 51082 acres were burned with 35 struc	plemental feeding heat needed irrig days and low rela	required for cattle ation in order to the tive humidity. Acr	e with bare pastures. nrive. These drought oss the combined Texas
(OK-Z002) TEXAS				
	03/17/22 11:46 CST		0	High Wind (MAX 51 kt)
	03/17/22 11:46 CST		0	
(OK-Z001) CIMARRON, (OK-Z003	8) BEAVER 03/21/22 21:00 CST 03/22/22 10:00 CST	anhandles.	0	Winter Weather
(OK-Z001) CIMARRON, (OK-Z002	D) TEVAS			
(OK-2001) CIMARRON, (OK-2002	03/22/22 10:50 CST		0	High Wind (MAX 54 kt)
	03/22/22 15:00 CST		0	riigii vviila (iw vc o- kc)
This system brought some preci sustained, with gusts up to 64 m stayed just above freezing with s	ved through the combined Oklahoma and To ipitation in the form of rain and snow and hi iph. The night of the 21st, temperatures dro snow being very wet and heavy, which made ian River Valley where 6 to 9 inches of snow	gh winds. Winds oped to around 30 e it hard to be blo	were anywhere fro to 34 degrees Fa wn around by the	om 20 to 45 mph hrenheit. Many areas
(OK-Z002) TEXAS, (OK-Z003) BE	AVER			
	03/29/22 09:35 CST		0	High Wind (MAX 61 kt)
westerly winds and dry air to the around 25 to 45 mph. With such gusts between 58 and 64 mph. T many wild fires breaking out acre	03/29/22 17:20 CST bught a Pacific front through the combined of a area. The pressure gradient along with strong winds aloft from this system many a he strong winds combined with the extreme oss the area. These fires impacted Hemphi ures along with farm equipment were lost to	ong winds aloft cr reas across the c ely dry air, along v ll, Hutchinson, an	reated breezy to w ombined Panhand vith drought cond	indy sustained winds lles experienced wind itions in place, led to

TEXAS, North Panhandle

(TX-Z001) DALLAM, (TX-Z002) SHERMAN, (TX-Z003) HANSFORD, (TX-Z004) OCHILTREE, (TX-Z005) LIPSCOMB, (TX-Z006) HARTLEY, (TX-Z007) MOORE, (TX-Z008) HUTCHINSON, (TX-Z009) ROBERTS, (TX-Z010) HEMPHILL, (TX-Z011) OLDHAM, (TX-Z012) POTTER, (TX-Z013) CARSON, (TX-Z014) GRAY, (TX-Z015) WHEELER, (TX-Z016) DEAF SMITH, (TX-Z017) RANDALL COUNTY, (TX-Z018) ARMSTRONG, (TX-Z019) DONLEY, (TX-Z020) COLLINGSWORTH

03/01/22 00:00 CST 0 Drought 03/31/22 23:59 CST 0

Dry conditions continued since August of 2021 with only a few isolated events bringing minimal precipitation to the combined Oklahoma and Texas Panhandles. Soil moisture remained short to very short with supplemental feeding required for cattle with bare pastures. Other concerns for ranchers was the threat of wildfires. Tillage and winter wheat needed irrigation in order to thrive. These drought conditions contributed to multiple wildfires when combined with high wind days and low relative humidity. Across the combined Texas and Oklahoma Panhandles, a total of 51082 acres were burned with 35 structures and 11 vehicles lost due to the fires.

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Storm Data and Unusual Weather Phenomena - March 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details	
X-Z012) POTTER					
	03/03/22 15:12 CST		0	Wildfire	
	03/06/22 08:30 CST		0		
Prolonged drought conditions coupled onditions across the Texas Panhandle	-	= '			
TX-Z006) HARTLEY					
	03/14/22 10:05 CST		0	High Wind (MAX 53 kt)	
	03/14/22 10:05 CST		0		
During the morning of the 14th a strong around 30 to 35 mph. Some strong win gust of 61 mph that was measured by t	d a loft from a passing low pressure	system managed	to mix down to th	e surface creating a wind	
TX-Z006) HARTLEY, (TX-Z007) MOORE	E, (TX-Z008) HUTCHINSON, (TX-Z011)) OLDHAM			
	03/17/22 11:27 CST		0	High Wind (MAX 56 kt)	
	03/17/22 18:08 CST		0		
were able to measure gusts between 56 (TX-Z002) SHERMAN, (TX-Z006) HARTL		JTCHINSON, (TX-	•	' ' ' '	
, , , , , ,	02/24/22 44:20 CST		0	High Mind (MAY 57 kt)	
, , ,	03/21/22 14:29 CST 03/22/22 17:07 CST	,	0	High Wind (MAX 57 kt)	
, , , , , ,	03/21/22 14:29 CST 03/22/22 17:07 CST	,	0	High Wind (MAX 57 kt)	
	03/22/22 17:07 CST			High Wind (MAX 57 kt)	
	03/22/22 17:07 CST			High Wind (MAX 57 kt) Winter Storm	
	03/22/22 17:07 CST		0		
TX-Z012) POTTER, (TX-Z017) RANDAL	03/22/22 17:07 CST L COUNTY 03/21/22 20:00 CST 03/22/22 10:55 CST COMB, (TX-Z009) ROBERTS, (TX-Z01	0) HEMPHILL, (T)	0 0 0	Winter Storm	
TX-Z012) POTTER, (TX-Z017) RANDAL	03/22/22 17:07 CST L COUNTY 03/21/22 20:00 CST 03/22/22 10:55 CST COMB, (TX-Z009) ROBERTS, (TX-Z01	0) HEMPHILL, (T)	0 0 0	Winter Storm	
TX-Z012) POTTER, (TX-Z017) RANDAL	03/22/22 17:07 CST L COUNTY 03/21/22 20:00 CST 03/22/22 10:55 CST COMB, (TX-Z009) ROBERTS, (TX-Z01 DEAF SMITH, (TX-Z018) ARMSTRON	0) HEMPHILL, (T)	0 0 0 (- Z-Z011) OLDHAM , (Winter Storm (TX-Z013) CARSON, (TX-Z014)	
TX-Z012) POTTER, (TX-Z017) RANDAL TX-Z004) OCHILTREE, (TX-Z005) LIPSO GRAY, (TX-Z015) WHEELER, (TX-Z016) A strong upper level system moved thr This system brought precipitation in the with gusts up to 64 mph. The night of to above freezing with snow being very we branches and power lines leading to so northeastward. There was a small corri	03/22/22 17:07 CST 03/21/22 20:00 CST 03/22/22 10:55 CST COMB, (TX-Z009) ROBERTS, (TX-Z01 DEAF SMITH, (TX-Z018) ARMSTRON 03/21/22 22:00 CST 03/22/22 10:00 CST rough the combined Oklahoma and True form of rain and snow, and high withe 21st, temperatures dropped to arcet and heavy, which made it hard to ome damage and power outages main	0) HEMPHILL, (TX IG exas Panhandles inds. Winds were ound 30 to 34 deg be blown around nly along portions	0 0 0 C-Z011) OLDHAM, (0 0 starting on the 21 anywhere from 20 rees Fahrenheit. N by the wind but the	Winter Storm (TX-Z013) CARSON, (TX-Z014) Winter Weather st and ending on the 22nd. to 45 mph sustained, flany areas stayed just e snow stuck in tree Highway 60 from Amarillo	
TX-Z012) POTTER, (TX-Z017) RANDAL TX-Z004) OCHILTREE, (TX-Z005) LIPSO GRAY, (TX-Z015) WHEELER, (TX-Z016) A strong upper level system moved thr This system brought precipitation in the with gusts up to 64 mph. The night of to above freezing with snow being very we oranches and power lines leading to so northeastward. There was a small corriccted.	03/22/22 17:07 CST 03/21/22 20:00 CST 03/22/22 10:55 CST COMB, (TX-Z009) ROBERTS, (TX-Z01 DEAF SMITH, (TX-Z018) ARMSTRON 03/21/22 22:00 CST 03/22/22 10:00 CST rough the combined Oklahoma and True form of rain and snow, and high with the 21st, temperatures dropped to are the total total the combined of the combined of the 21st, temperatures dropped to are the 21st, tempe	0) HEMPHILL, (TX IG exas Panhandles inds. Winds were ound 30 to 34 deg be blown around nly along portions	0 0 0 3-Z-Z011) OLDHAM, 0 0 starting on the 21 anywhere from 20 rees Fahrenheit. Me by the wind but the s of I-40 and along	Winter Storm (TX-Z013) CARSON, (TX-Z014) Winter Weather st and ending on the 22nd. to 45 mph sustained, flany areas stayed just e snow stuck in tree Highway 60 from Amarillo fell by the morning of the	
TX-Z012) POTTER, (TX-Z017) RANDAL TX-Z004) OCHILTREE, (TX-Z005) LIPSO GRAY, (TX-Z015) WHEELER, (TX-Z016) A strong upper level system moved thr This system brought precipitation in the with gusts up to 64 mph. The night of to above freezing with snow being very we branches and power lines leading to so northeastward. There was a small corricated.	03/22/22 17:07 CST 03/21/22 20:00 CST 03/22/22 10:55 CST COMB, (TX-Z009) ROBERTS, (TX-Z01 DEAF SMITH, (TX-Z018) ARMSTRON 03/21/22 22:00 CST 03/22/22 10:00 CST rough the combined Oklahoma and The form of rain and snow, and high with e 21st, temperatures dropped to are ret and heavy, which made it hard to loome damage and power outages main idor just south of the Canadian River M, (TX-Z016) DEAF SMITH 03/23/22 12:46 CST	0) HEMPHILL, (TX IG exas Panhandles inds. Winds were ound 30 to 34 deg be blown around nly along portions	0 0 0 C-Z011) OLDHAM, 0 0 starting on the 21 anywhere from 20 rees Fahrenheit. N by the wind but th s of I-40 and along 9 inches of snow	Winter Storm (TX-Z013) CARSON, (TX-Z014) Winter Weather st and ending on the 22nd. to 45 mph sustained, flany areas stayed just e snow stuck in tree Highway 60 from Amarillo	
(TX-Z012) POTTER, (TX-Z017) RANDAL (TX-Z004) OCHILTREE, (TX-Z005) LIPS(GRAY, (TX-Z015) WHEELER, (TX-Z016) A strong upper level system moved thr This system brought precipitation in the with gusts up to 64 mph. The night of the above freezing with snow being very we branches and power lines leading to so the contract of the contract	03/22/22 17:07 CST 03/21/22 20:00 CST 03/22/22 10:55 CST COMB, (TX-Z009) ROBERTS, (TX-Z01 DEAF SMITH, (TX-Z018) ARMSTRON 03/21/22 22:00 CST 03/22/22 10:00 CST rough the combined Oklahoma and True form of rain and snow, and high with the 21st, temperatures dropped to are the total total the combined of the combined of the 21st, temperatures dropped to are the 21st, tempe	0) HEMPHILL, (TX IG exas Panhandles inds. Winds were ound 30 to 34 deg be blown around nly along portions	0 0 0 3-Z-Z011) OLDHAM, 0 0 starting on the 21 anywhere from 20 rees Fahrenheit. Me by the wind but the s of I-40 and along	Winter Storm (TX-Z013) CARSON, (TX-Z014) Winter Weather st and ending on the 22nd. to 45 mph sustained, flany areas stayed just e snow stuck in tree Highway 60 from Amarillo fell by the morning of the	
TX-Z012) POTTER, (TX-Z017) RANDAL TX-Z004) OCHILTREE, (TX-Z005) LIPSO GRAY, (TX-Z015) WHEELER, (TX-Z016) A strong upper level system moved thr This system brought precipitation in the with gusts up to 64 mph. The night of the above freezing with snow being very we broaches and power lines leading to so the control of the control TX-Z006) HARTLEY, (TX-Z011) OLDHA A strong cold front moved through the northwest winds around 25 to 35 mph in	03/22/22 17:07 CST 03/21/22 20:00 CST 03/22/22 10:55 CST COMB, (TX-Z009) ROBERTS, (TX-Z01 DEAF SMITH, (TX-Z018) ARMSTRON 03/21/22 22:00 CST 03/22/22 10:00 CST rough the combined Oklahoma and True form of rain and snow, and high with e 21st, temperatures dropped to are ret and heavy, which made it hard to bome damage and power outages main idor just south of the Canadian River M, (TX-Z016) DEAF SMITH 03/23/22 12:46 CST 03/23/22 15:10 CST combined Oklahoma and Texas Panimpacted the Panhandles behind this	0) HEMPHILL, (TX) IG Texas Panhandles inds. Winds were ound 30 to 34 deg be blown around nly along portions: Valley where 6 to handles early in the front. A few local	0 0 0 0 3-Z-Z011) OLDHAM, 0 0 0 starting on the 21 anywhere from 20 rees Fahrenheit. N by the wind but th s of I-40 and along 9 inches of snow	Winter Storm (TX-Z013) CARSON, (TX-Z014) Winter Weather st and ending on the 22nd. to 45 mph sustained, lany areas stayed just e snow stuck in tree Highway 60 from Amarillo fell by the morning of the High Wind (MAX 55 kt)	
(TX-Z012) POTTER, (TX-Z017) RANDAL (TX-Z004) OCHILTREE, (TX-Z005) LIPSO (GRAY, (TX-Z015) WHEELER, (TX-Z016) A strong upper level system moved thr (This system brought precipitation in the with gusts up to 64 mph. The night of the above freezing with snow being very we branches and power lines leading to so northeastward. There was a small corriccted.	03/22/22 17:07 CST 03/21/22 20:00 CST 03/22/22 10:55 CST COMB, (TX-Z009) ROBERTS, (TX-Z01 DEAF SMITH, (TX-Z018) ARMSTRON 03/21/22 22:00 CST 03/22/22 10:00 CST rough the combined Oklahoma and True form of rain and snow, and high with e 21st, temperatures dropped to are ret and heavy, which made it hard to bome damage and power outages main idor just south of the Canadian River M, (TX-Z016) DEAF SMITH 03/23/22 12:46 CST 03/23/22 15:10 CST combined Oklahoma and Texas Panimpacted the Panhandles behind this	0) HEMPHILL, (TX) IG Texas Panhandles inds. Winds were ound 30 to 34 deg be blown around nly along portions: Valley where 6 to handles early in the front. A few local	0 0 0 0 3-Z-Z011) OLDHAM, 0 0 0 starting on the 21 anywhere from 20 rees Fahrenheit. N by the wind but th s of I-40 and along 9 inches of snow	Winter Storm (TX-Z013) CARSON, (TX-Z014) Winter Weather st and ending on the 22nd. to 45 mph sustained, lany areas stayed just e snow stuck in tree Highway 60 from Amarillo fell by the morning of the High Wind (MAX 55 kt)	
TX-Z012) POTTER, (TX-Z017) RANDAL TX-Z004) OCHILTREE, (TX-Z005) LIPSG GRAY, (TX-Z015) WHEELER, (TX-Z016) A strong upper level system moved thr This system brought precipitation in the with gusts up to 64 mph. The night of the system brought snow being very we branches and power lines leading to so the strong cold from the system as a small corrication. TX-Z006) HARTLEY, (TX-Z011) OLDHA A strong cold front moved through the the strong cold front moved through the the strong cold front stronger winds also the strong cold front stronger winds also the	03/22/22 17:07 CST 03/21/22 20:00 CST 03/22/22 10:55 CST COMB, (TX-Z009) ROBERTS, (TX-Z01 DEAF SMITH, (TX-Z018) ARMSTRON 03/21/22 22:00 CST 03/22/22 10:00 CST rough the combined Oklahoma and True form of rain and snow, and high with e 21st, temperatures dropped to are ret and heavy, which made it hard to bome damage and power outages main idor just south of the Canadian River M, (TX-Z016) DEAF SMITH 03/23/22 12:46 CST 03/23/22 15:10 CST combined Oklahoma and Texas Panimpacted the Panhandles behind this	0) HEMPHILL, (TX) IG Texas Panhandles inds. Winds were ound 30 to 34 deg be blown around nly along portions: Valley where 6 to handles early in the front. A few local	0 0 0 0 3-Z-Z011) OLDHAM, 0 0 0 starting on the 21 anywhere from 20 rees Fahrenheit. N by the wind but th s of I-40 and along 9 inches of snow	Winter Storm (TX-Z013) CARSON, (TX-Z014) Winter Weather st and ending on the 22nd. to 45 mph sustained, lany areas stayed just e snow stuck in tree Highway 60 from Amarillo fell by the morning of the High Wind (MAX 55 kt)	

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(TX-Z002) SHERMAN, (TX-Z003) HANSFORD, (TX-Z006) HARTLEY, (TX-Z007) MOORE, (TX-Z008) HUTCHINSON, (TX-Z010) HEMPHILL, (TX-Z011)

Storm Data and Unusual Weather Phenomena - March 2022

OLDHAM, (TX-Z012) POTTER, (TX-Z014	CDAY	Injuries	Crop Dmg	
OLDHAM, (TX-Z012) POTTER, (TX-Z014	CDAY			
	03/29/22 09:59 CST		0	High Wind (MAX 56 kt)
	03/29/22 13:53 CST		0	
An upper level storm system brought a	Pacific front through the combined	Oklahoma and To	vae Danhandlae	The Pacific front brought
westerly winds and dry air to the area.	_			_
<u> </u>		=	·=	_
around 25 to 45 mph. With such strong				•
gusts between 58 and 64 mph. The stro	-		-	• •
many wild fires breaking out across the	area. These fires impacted Hemphi	ill, Hutchinson, an	d Roberts Count	y. A total of 48,568 acres
were burned and multiple structures ald	ong with farm equipment were lost to	o the fires.		
(TX-Z008) HUTCHINSON, (TX-Z009) ROI	BERTS, (TX-Z010) HEMPHILL			
	03/29/22 13:35 CST		0	Wildfire
	03/31/22 23:59 CST		0	
		idity, and receptive	e fuels contribut	ed to critical fire weather
Prolonged drought conditions coupled	with strong winds, low relative num	,,		
Prolonged drought conditions coupled conditions across the Texas Panhandle	• •	•		
Prolonged drought conditions coupled conditions across the Texas Panhandle	• •	•		

0

Wildfire

Prolonged drought conditions coupled with strong winds, low relative humidity, and receptive fuels contributed to critical fire weather conditions across the Texas Panhandle. A wildfire developed in Gray County and continued through Aril 1st.

03/31/22 14:00 CST

03/31/22 23:59 CST

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