Storm Data and Unusual Weather Phenomena - May 2014

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

OKLAHOMA, Panhandle

(OK-Z001) CIMARRON, (OK-Z002) TEXAS, (OK-Z003) BEAVER

	05/01/14 00:00 CST	0	Drought
	05/31/14 23:59 CST	0	

The dry spring pattern continued through most of May across the Oklahoma Panhandle before an abrupt change to a wet pattern over Memorial Day weekend. Prior to the start of the rainy weather, 3- to 4-year precipitation deficits rivaled those of the worst periods during the 1930s Dust Bowl and 1950s droughts of record. Most of the Panhandle received at least 1 inch of rain over the last 10 days of the month, and many areas received between 2 to 5 inches. Short-term dryness continued in the far western and eastern Oklahoma Panhandle. Widespread Exceptional (D4) Drought conditions at the start of May improved to a mix of Extreme (D3) and Exceptional Drought conditions at the end of the month. Guymon recorded 2.29 inches of precipitation for the month (0.15 inches below normal).

Soil moisture was rated from very short to adequate by the end of May, though soils were dry for most of the month before the onset of the rainy pattern. Farmers were rushing to plant summer crops, while most winter wheat had either been lost due to spring dryness or was being harvested. Rangeland quickly greened up following the rain, though range and pastures continued to be rated mostly in poor condition following several years of drought. Upper soil zones were greater than 40 percent full in the central Oklahoma Panhandle and between 20 to 30 percent full in the western and eastern parts of the Panhandle. Deeper soil zones were still drier, rated between 10 to 30 percent full. The Palmer Drought Severity Index indicated a rating of Severe Drought conditions for the Oklahoma Panhandle. A governor's burn ban was in effect for the Oklahoma Panhandle counties to start the month, but all burn bans were lifted by the end of the month.

Reservoirs and stream flows across the majority of the Oklahoma Panhandle were at below normal levels.

Economic losses due to the drought through May were predominately the result of supplemental watering, winter wheat losses, reduction of cattle herd sizes, and supplemental feed for cattle on drought-thinned rangeland and pastures.

(OK-Z002) TEXAS, (OK-Z003) BEAVER

	05/01/14 04:00 CST	0	Cold/Wind Chill
	05/01/14 09:00 CST	0	

A cold front moved through the Oklahoma Panhandle during the day time hours of the 30th. The cooler post frontal airmass allowed temperatures to drop to 28 degrees at Goodwell (Texas County), and 29 degrees at Beaver (Beaver County) by the morning of the 1st. The freezing temperatures threatened sensitive vegetation during the growing season. Temperatures warmed above freezing by 9:00 AM CST on the 1st.

(OK-Z001) CIMARRON, (OK-Z002) TEXAS, (OK-Z003) BEAVER

	05/02/14 04:00 CST	0	Cold/Wind Chill
	05/02/14 09:00 CST	0	

A cold front moved through the Oklahoma Panhandle during the day time hours of the 1st. The cooler post frontal airmass allowed temperatures to drop to 26 degrees at Boise City (Cimarron County), 31 degrees at Goodwill (Texas County), and 27 degrees at Beaver (Beaver County) by the morning of the 2nd. The freezing temperatures threatened sensitive vegetation during the growing season. Temperatures warmed above freezing by 9:00 AM CST on the 2nd.

BEAVER COUNTY --- 6.8 SSW BEAVER [36.73, -100.57], 2.1 S BEAVER [36.79, -100.52]

	05/11/14 14:25 CST	0	Hail (1.25 in)
	05/11/14 14:26 CST	0	Source: Storm Chaser

A discrete supercell developed over the eastern Oklahoma Panhandle during the afternoon hours of the 11 th. This storm strengthened as it moved northeastward along a dryline. As the storm approached the town of Beaver, a storm chaser 6 miles south-southwest of Beaver reported half dollar size hail (1.25 inches). This storm continued to move to the northeast after producing this hail.

BEAVER COUNTY --- 6.2 ESE FORGAN [36.88, -100.42], 8.2 ENE FORGAN [36.94, -100.39]

	05/11/14 14:35 CST	0	Hail (1.25 in)
	05/11/14 14:36 CST	0	Source: Emergency Manager

A discrete supercell developed over the eastern Oklahoma Panhandle during the afternoon hours of the 11 th. This storm strengthened as it moved northeastward along a dryline. As the storm approached the town of Mocane (Beaver County), the County Emergency Manager reported half dollar size hail (1.25 inches) 6 miles east of Mocane. This storm continued to move to the northeast after producing this hail.

BEAVER COUNTY --- 0.6 W KNOWLES [36.87, -100.19], 7.2 NNE KNOWLES [36.97, -100.14]

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/11/14 14:57 CST		0	Hail (1.00 in)
	05/11/14 14:59 CST		0	Source: Public

A discrete supercell developed over the eastern Oklahoma Panhandle during the afternoon hours of the 11 th. This storm strengthened as it moved northeastward along a dryline. As the storm approached the town of Knowles (Beaver County), a member of the public reported quarter size hail (1.00 inches) in Knowles. This storm continued to move to the northeast after producing this hail.

A brief round of convection occurred during the afternoon hours of the 11th. This convection was sparked by the combination of a dryline situated across the eastern Oklahoma Panhandle and a shortwave trough ejecting northeastward from New Mexico. Discrete supercells developed over the eastern Oklahoma Panhandle shortly before 2 PM CST. These supercells moved northeastward and entered southwestern Kansas by 4 PM CST.

(OK-Z001) CIMARRON

05/14/14 06:00 CST	0		Cold/Wind Chill
05/14/14 08:00 CST	0		

A cold front moved through the Oklahoma Panhandle during the day time hours of the 13th. The cooler post frontal airmass allowed temperatures to drop to 32 degrees at Boise City (Cimarron County) by the morning of the 14th. The freezing temperatures threatened sensitive vegetation during the growing season. Temperatures warmed above freezing by 8:00 AM CST on the 14th.

CIMARRON COUNTY --- 6.9 SE KENTON [36.83, -102.88]

05/22/14 16:05 CST	0		Thunderstorm Wind (MG 56 kt)
05/22/14 16:06 CST	0		Source: Mesonet

A decaying thunderstorm moved across Cimarron County during the evening hours of the 22nd. As it neared the city of Kenton (Cimarron County), the Oklahoma mesonet site 5 miles east of Kenton measured a 64 mph thunderstorm downburst gust. This storm continued to move eastward after producing this gust.

TEXAS COUNTY --- 1.7 E GOODWELL [36.60, -101.60]

05/22/14 17:45 CST	0		Thunderstorm Wind (MG 50 kt)
05/22/14 17:46 CST	0		Source: Mesonet

A decaying thunderstorm moved across Texas County during the evening hours of the 22nd. As it neared the city of Goodwell (Texas County), the Oklahoma mesonet site 2 miles east of Goodwell measured a 58 mph thunderstorm downburst gust. This storm continued to move eastward after producing this gust.

TEXAS COUNTY --- 0.9 NW (GUY)GUYMON MUNI ARP [36.69, -101.51]

05/22/14 17:49 CST	0		Thunderstorm Wind (MG 52 kt)
05/22/14 17:50 CST	0		Source: ASOS

A decaying thunderstorm moved across Texas County during the evening hours of the 22nd. As it neared the city of Guymon (Texas County), the NWS ASOS site 2 miles west of Guymon measured a 60 mph thunderstorm downburst gust. This storm continued to move eastward after producing this gust.

TEXAS COUNTY --- 1.7 E GOODWELL [36.60, -101.60]

05/22/14 17:50 CST	0		Thunderstorm Wind (MG 58 kt)
05/22/14 17:51 CST	0		Source: Mesonet

A decaying thunderstorm moved across Texas County during the evening hours of the 22nd. As it neared the city of Goodwell (Texas County), the Oklahoma mesonet site 2 miles east of Goodwell measured a 67 mph thunderstorm downburst gust. This storm continued to move eastward after producing this gust.

TEXAS COUNTY --- 0.9 NW (GUY)GUYMON MUNI ARP [36.69, -101.51]

05/22/14 17:51 CST	0		Thunderstorm Wind (MG 61 kt)
05/22/14 17:52 CST	0		Source: ASOS

A decaying thunderstorm moved across Texas County during the evening hours of the 22nd. As it neared the city of Guymon (Texas County), the NWS ASOS site 2 miles west of Guymon measured a 70 mph thunderstorm downburst gust. This storm continued to move eastward after producing this gust.

TEXAS COUNTY --- 0.9 NW (GUY)GUYMON MUNI ARP [36.69, -101.51]

05/22/14 17:55 CST	0		Thunderstorm Wind (MG 57 kt)
05/22/14 17:56 CST	0		Source: ASOS

A decaying thunderstorm moved across Texas County during the evening hours of the 22nd. As it neared the city of Guymon (Texas County), the NWS ASOS site 2 miles west of Guymon measured a 66 mph thunderstorm downburst gust. This storm continued to move eastward after producing this gust.

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TEXAS COUNTY --- 0.9 NW (GUY)GUYMON MUNI ARP [36.69, -101.51]				
	05/22/14 17:58 CST		0	Thunderstorm Wind (MG 61 kt)
	05/22/14 17:59 CST		0	Source: ASOS

A decaying thunderstorm moved across Texas County during the evening hours of the 22nd. As it neared the city of Guymon (Texas County), the NWS ASOS site 2 miles west of Guymon measured a 70 mph thunderstorm downburst gust. This storm continued to move eastward after producing this gust.

TEXAS COUNTY --- 0.9 NW (GUY)GUYMON MUNI ARP [36.69, -101.51]				
	05/22/14 18:07 CST		0	Thunderstorm Wind (MG 50 kt)
	05/22/14 18:08 CST		0	Source: ASOS

A decaying thunderstorm moved across Texas County during the evening hours of the 22nd. As it neared the city of Guymon (Texas County), the NWS ASOS site 2 miles west of Guymon measured a 58 mph thunderstorm downburst gust. This storm continued to move eastward after producing this gust.

TEXAS COUNTY --- 0.9 SW HOOKER [36.86, -101.23]				
	05/22/14 18:20 CST		0	Thunderstorm Wind (MG 50 kt)
	05/22/14 18:21 CST		0	Source: Mesonet

A decaying thunderstorm moved across Texas County during the evening hours of the 22nd. As it neared the city of Hooker (Texas County), the Oklahoma mesonet site 1 miles west of Hooker measured a 58 mph thunderstorm downburst gust. This storm continued to move eastward after producing this gust.

Decaying thunderstorms brought a brief period of downburst winds to the Oklahoma Panhandle during the evening hours of the 22nd. Thunderstorms developed along the New Mexico Mountains then moved eastward into the western Oklahoma Panhandle. The further east they moved the less upper level support they received as a shortwave was moving out of New Mexico towards the northeast. As they moved across the Oklahoma Panhandle they produced downburst of 58 to 70 mph. By 6:30 PM CST, these storms had decayed to a point where they were no longer able to produce severe level downburst winds.

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, (TX-Z018) ARMSTRONG, (TX-Z019) DONLEY, (TX-Z020) COLLINGSWORTH				
	05/01/14 00:00 CST		0	Drought
	05/31/14 23:59 CST		0	

The dry spring pattern continued through most of May across the Texas Panhandle before an abrupt change to a wet pattern over Memorial Day weekend. Prior to the start of the rainy weather, many locations across the Texas Panhandle were experiencing 3 to 4 year precipitation deficits rivaling those of the worst periods during the 1930s Dust Bowl and 1950s droughts of record. By the end of May though, some areas recorded greater than 150 percent of normal precipitation for the month. Short-term dryness continued in the northern and eastern Texas Panhandle. Widespread Exceptional (D4) Drought conditions at the start of May improved to a mix of Extreme (D3) and Exceptional Drought conditions at the end of the month. Amarillo recorded 3.55 inches of precipitation for the month (1.26 inches above normal), Dalhart recorded 1.55 inches of precipitation (0.69 inches below normal), and Borger recorded 1.74 inches of precipitation (1.43 inches below normal).

Soil moisture was rated from very short to adequate by the end of May, though soils were dry for most of the month before the onset of the rainy pattern. Farmers were rushing to plant summer crops, while most winter wheat had either been lost due to spring dryness or was being harvested. Rangeland quickly greened up following the rain, though range and pastures continued to be rated mostly in poor condition following several years of drought. Upper soil zones ranged from less than 10 percent full early in the month to mostly greater than 40 percent full at the end of the month. Deeper soil moisture was still below normal, though it was estimated to be near normal in parts of the southwestern Texas Panhandle. The Palmer Drought Severity Index indicated a rating of Severe Drought conditions for the Texas Panhandle. Countywide burn bans were supported in several counties.

Stream flows across the southern Texas Panhandle were near normal, but stream flows across the northern Texas Panhandle were below normal. The reservoirs of Palo Duro and Greenbelt Lake were below 3 percent and 14 percent capacity respectively, and Lake Meredith was at zero percent capacity. Water watches for several public water systems persisted through May while voluntary to mandatory mild water restrictions have been enacted.

Economic losses due to the drought through May were predominately the result of supplemental watering, winter wheat losses, reduction of cattle herd sizes, and supplemental feed for cattle on drought-thinned rangeland and pastures.

Storm Data and Unusual Weather Phenomena - May 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(TX-Z003) HANSFORD, (TX-Z004) OCHILTREE, (TX-Z005) LIPSCOMB, (TX-Z010) HEMPHILL, (TX-Z014) GRAY, (TX-Z016) DEAF SMITH, (TX-Z017) RANDALL				
	05/01/14 04:00 CST		0	Cold/Wind Chill
	05/01/14 09:00 CST		0	

A cold front moved through the Texas Panhandle during the day time hours of the 30th. The cooler post frontal airmass allowed temperatures to drop to 30 degrees at Hereford (Deaf Smith County),31 degrees at Pampa (Gray County), 29 degrees at Perryton (Ochiltree County), 30 degrees at Umbarger (Randall County), 31 degrees at Gruver (Hansford County), 31 degrees at Lipscomb (Lipscomb County), and 31 degrees at Canadian (Hemphill County) by the morning of the 1st. The freezing temperatures threatened sensitive vegetation during the growing season. Temperatures warmed above freezing by 9:00 AM CST on the 1st.

(TX-Z004) OCHILTREE, (TX-Z007) MOORE				
	05/02/14 04:00 CST		0	Cold/Wind Chill
	05/02/14 09:00 CST		0	

A cold front moved through the Texas Panhandle during the day time hours of the 1st. The cooler post frontal airmass allowed temperatures to drop to 31 degrees at Dumas (Moore County), and 31 Perryton (Ochiltree County) by the morning of the 2nd. The freezing temperatures threatened sensitive vegetation during the growing season. Temperatures warmed above freezing by 9:00 AM CST on the 2nd.

(TX-Z008) HUTCHINSON				
	05/11/14 07:34 CST		0	Wildfire
	05/11/14 13:30 CST		0	

The North 136 Wildfire began around 0734CST in Hutchinson county about four miles northwest of Stinnett Texas. The wildfire consumed an estimated four hundred and twenty and was caused by downed power lines. There was one home that was threatened but saved and there were no homes or other structures lost. There were no reports of injuries or fatalities. The wildfire was contained around 1330CST and a total of six fire departments and other agencies responded to the wildfire including the Texas A&M Forest Service.

OCHILTREE COUNTY --- 0.7 S PERRYTON [36.39, -100.80], 2.0 NE PERRYTON [36.42, -100.78]				
	05/11/14 13:55 CST		0	Hail (0.75 in)
	05/11/14 13:56 CST		0	Source: Public

A discrete supercell developed over the northeastern Texas Panhandle during the afternoon hours of the 11 th. This storm strengthened as it moved northeastward along a dryline. As the storm moved over the town of Perryton (Ochiltree County), a member of the public reported penny size hail (0.75 inch). This storm continued to move to the northeast after producing this hail.

DONLEY COUNTY --- 0.9 SE CLARENDON [34.92, -100.89], 7.7 ESE HOWARDWICK [35.04, -100.79]				
	05/11/14 22:02 CST		0	Hail (1.75 in)
	05/11/14 22:04 CST		0	Source: Law Enforcement

A line of thunderstorms developed in response to a cold front moving through the southeastern Texas Panhandle during the late evening hours of the 11 th. As the line moved toward the town of Clarendon (Donley County), a law enforcement official reported golf ball size hail (1.75 inches) 1 mile south of Clarendon. After producing this hail the line continued to slowly move to the east.

DONLEY COUNTY --- 0.9 NE CLARENDON [34.94, -100.89], 6.7 NNW LELIA LAKE [34.99, -100.81]				
	05/11/14 22:03 CST		0	Hail (1.00 in)
	05/11/14 22:04 CST		0	Source: Public

A line of thunderstorms developed in response to a cold front moving through the southeastern Texas Panhandle during the late evening hours of the 11 th. As the line moved over the town of Clarendon (Donley County), a member of the public reported quarter size hail (1.00 inch). After producing this hail the line continued to slowly move to the east.

ROBERTS COUNTY --- 0.9 SW MIAMI [35.69, -100.64], 3.6 N LORA [35.78, -100.55]				
	05/11/14 22:09 CST		0	Hail (0.88 in)
	05/11/14 22:12 CST		0	Source: Law Enforcement

A line of thunderstorms developed in response to a cold front moving through the southeastern Texas Panhandle during the late evening hours of the 11 th. As the line moved over the town of Miami (Roberts County), a law enforcement official reported nickel size hail (0.88 inch). After producing this hail the line continued to slowly move to the east.

DONLEY COUNTY --- 0.6 E HEDLEY [34.87, -100.66], 9.1 NE HEDLEY [34.97, -100.57]

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/11/14 22:30 CST		0	Hail (0.75 in)
	05/11/14 22:35 CST		0	Source: Trained Spotter

A line of thunderstorms developed in response to a cold front moving through the southeastern Texas Panhandle during the late evening hours of the 11 th. As the line moved toward the town of Hedley (Donley County), a trained spotter reported penny size hail (0.75 inch). After producing this hail the line continued to slowly move to the east.

DONLEY COUNTY --- 0.9 NE CLARENDON [34.94, -100.89], 6.5 NE CLARENDON [35.01, -100.83]

05/11/14 22:53 CST	0		Hail (1.00 in)
05/11/14 22:55 CST	0		Source: Law Enforcement

A line of thunderstorms developed in response to a cold front moving through the southeastern Texas Panhandle during the late evening hours of the 11 th. As the line moved over the town of Clarendon (Donley County), a law enforcement official reported quarter size hail (1.00 inch). After producing this hail the line continued to slowly move to the east.

DONLEY COUNTY --- 0.9 NE CLARENDON [34.94, -100.89], 4.7 NE CLARENDON [34.98, -100.85]

05/11/14 23:32 CST	0		Hail (1.50 in)
05/11/14 23:35 CST	0		Source: Public

A line of thunderstorms developed in response to a cold front moving through the southeastern Texas Panhandle during the late evening hours of the 11 th. As the line moved over the town of Clarendon (Donley County), a member of the public reported ping pong ball size hail (1.50 inches). After producing this hail the line continued to slowly move to the east.

Two rounds of convection occurred during the afternoon and overnight hours of the 11th. This convection was sparked by the combination of a dryline situated across the central Texas Panhandle and a shortwave trough ejecting northeastward from New Mexico. Discrete supercells developed across the northeastern Texas Panhandle shortly before 2 PM CST. These supercells moved northeastward along the dryline and entered southwestern Kansas by 4 PM CST. The next round of convection developed as a cold front dropped southeastward across the southeastern Texas Panhandle. This line of convection slowly drifted to the east with time before diminishing shortly after midnight on the 12th.

(TX-Z008) HUTCHINSON

05/11/14 15:20 CST	10M		Wildfire
05/14/14 11:00 CST	0		

The Double Diamond Wildfire began around 1520CST in Hutchinson county about two miles northwest of Fritch near the Harbor Bay area of Lake Meredith National Recreational Area. The wildfire consumed an estimated two thousand five hundred and eighty-three acres and was caused by a child playing with matches in an abandoned shed. A total of three hundred and sixty-eight structures were damaged or lost including two hundred and twenty-five homes that were destroyed along with one hundred and forty-three other structures. Also, a total of one hundred and forty-seven vehicles were destroyed. There was one report of a fatality from a heart attack that was indirectly related to the wildfire, however there were no reports of any injuries. The wildfire reportedly cased an estimated ten million or more dollars in property losses. The wildfire was finally contained between 1000CST to 1100CST on May 14. There were a total of thirty-seven fire departments that responded to the wildfire including the Texas A&M Forest Service.

(TX-Z016) DEAF SMITH

05/14/14 06:00 CST	0		Cold/Wind Chill
05/14/14 08:00 CST	0		

A cold front moved through the Texas Panhandle during the day time hours of the 13th. The cooler post frontal airmass allowed temperatures to drop to 32 degrees at Hereford (Deaf Smith County) by the morning of the 14th. The freezing temperatures threatened sensitive vegetation during the growing season. Temperatures warmed above freezing by 8:00 AM CST on the 14th.

ARMSTRONG COUNTY --- 4.4 NW GOODNIGHT [35.07, -101.26], 5.3 NW GOODNIGHT [35.09, -101.25]

05/21/14 16:22 CST	0		Hail (1.50 in)
05/21/14 16:23 CST	0		Source: Storm Chaser

A discrete thunderstorm developed over Armstrong County during the early evening hours of the 21st. This storm quick intensified as it moved to the northeast across the county. A storm chaser 5 miles west-northwest of the town of Goodnight reported this storm produced ping pong ball (1.50 inches) size hail. After producing this hail, the storm continued to move northeastward and began to diminish.

CARSON COUNTY --- 3.5 N GROOM [35.25, -101.11], 5.1 N GROOM [35.27, -101.10]

05/21/14 18:01 CST	0		Hail (0.75 in)
05/21/14 18:02 CST	0		Source: Trained Spotter

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

A diminishing thunderstorm moved into southern Carson County shortly before 6 PM CST. As the storm approached the town of Groom (Carson County), a trained storm spotter reported penny (0.75 inch) size hail. This storm continued to move to the northeast and diminished after producing this hail.

The evening of the 23rd saw a brief round of severe weather across the south central Texas Panhandle. The combination of a marginally unstable atmosphere, a surface trough situated over the central Texas Panhandle, and a weak shortwave allowed for the development of thunderstorms capable of producing hail ranging from pennies up to the size of ping pong balls. By 8 PM CST, the shortwave had progressed well north of the Texas Panhandle and the thunderstorms quickly diminished having lost the large scale forcing mechanism.

ARMSTRONG COUNTY --- 1.8 ESE CLAUDE [35.11, -101.34], 4.2 SSE CLAUDE [35.06, -101.34], 6.2 S CLAUDE [35.03, -101.37], 0.5 W CLAUDE [35.12, -101.38]

	05/21/14 17:26 CST	0	Flash Flood (due to Heavy Rain)
	05/21/14 19:51 CST	0	Source: Law Enforcement

A series of heavy rain producing thunderstorms moved over the same area during the evening hours of the 21st. This training of storms and heavy rain led to flash flooding on US Highway 287 east of the town of Claude (Armstrong County). This flash flooding was sufficient to completely submerge vehicle tires. Local law enforcement had to divert traffic from the highway. Thunderstorms diminished shortly before 8 PM CST and the flash flooding quickly dispersed. No injuries or fatalities were relayed in relation to this flash flooding.

ARMSTRONG COUNTY --- 0.7 WNW CLAUDE [35.13, -101.38], 2.1 E CLAUDE [35.12, -101.33], 5.7 SSE CLAUDE [35.04, -101.34], 6.5 S CLAUDE [35.03, -101.39]

	05/21/14 17:31 CST	0	Flash Flood (due to Heavy Rain)
	05/21/14 19:51 CST	0	Source: Emergency Manager

A series of heavy rain producing thunderstorms moved over the same area during the evening hours of the 21st. This training of storms and heavy rain led to flash flooding on State Road 207 south of the town of Claude (Armstrong County). This flash flooding was sufficient to completely cover the roadway. Thunderstorms diminished shortly before 8 PM CST and the flash flooding quickly dispersed. No injuries or fatalities were relayed in relation to this flash flooding.

The evening of the 23rd saw a brief round of severe thunderstorms across the south central Texas Panhandle. The combination of a marginally unstable atmosphere, a surface trough situated over the central Texas Panhandle, and a weak shortwave allowed for the development of thunderstorms. While precipitable water values were fairly normal for this time of year, the steering flow caused to train over the same area for an extended period of time. This led to the development of flash flooding over Armstrong County. By 8 PM CST, the shortwave had progressed well north of the Texas Panhandle and the thunderstorms quickly diminished having lost the large scale forcing mechanism.

POTTER COUNTY --- 2.9 NE (AMA)AMARILLO INTL A [35.25, -101.68], 3.9 SSE (AMA)AMARILLO INTL A [35.17, -101.68], 7.1 SW AMARILLO [35.13, -101.91], 6.3 WNW AMARILLO [35.24, -101.92]

	05/22/14 19:15 CST	0	Flash Flood (due to Heavy Rain)
	05/22/14 20:00 CST	0	Source: Public

A cluster of thunderstorms brought an extended period of heavy rain to the city of Amarillo (Randall and Potter County). This heavy rain led to the development of flash flooding. A member of the public reported water up the bumpers of cars at the Ross/Osage Road exit of Interstate 40 (Potter County). Thunderstorms moved east of the city which allowed the flood waters to recede by 8 PM CST. No reports of injuries were relayed with this report.

POTTER COUNTY --- 2.9 NE (AMA)AMARILLO INTL A [35.25, -101.68], 4.0 SSE (AMA)AMARILLO INTL A [35.17, -101.68], 7.1 SW AMARILLO [35.13, -101.91], 5.6 WNW AMARILLO [35.23, -101.91]

	05/22/14 19:15 CST	0	Flash Flood (due to Heavy Rain)
	05/22/14 20:00 CST	0	Source: NWS Employee

A cluster of thunderstorms brought an extended period of heavy rain to the city of Amarillo (Randall and Potter County). This heavy rain led to the development of flash flooding. A NWS employee reported cars stalled along the entrance ramp to Interstate 40 and Lakeside Road (Potter County). Thunderstorms moved east of the city which allowed the flood waters to recede by 8 PM CST. No reports of injuries were relayed with this report.

POTTER COUNTY --- 2.9 NE (AMA)AMARILLO INTL A [35.25, -101.68], 4.0 SSE (AMA)AMARILLO INTL A [35.17, -101.68], 7.1 SW AMARILLO [35.13, -101.91], 5.6 WNW AMARILLO [35.23, -101.91]

	05/22/14 19:15 CST	0	Flash Flood (due to Heavy Rain)
	05/22/14 20:00 CST	0	Source: NWS Employee

A cluster of thunderstorms brought an extended period of heavy rain to the city of Amarillo (Randall and Potter County). This heavy rain led to the development of flash flooding. A NWS employee reported stalled cars due to high water on Coulter Road (Randall County). Thunderstorms moved east of the city which allowed the flood waters to recede by 8 PM CST. No reports of injuries were relayed with this report.

A cluster of heavy rain producing thunderstorms developed over the southern Texas Panhandle during the evening hours of the 22nd. These thunderstorms produced high rain rates and remained over the same area for an extended period of time. This led to the

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

developed of flash flooding in and around the city of Amarillo. These storms moved east of the city around the 9 PM CST hour, which allowed the flash flooding to diminish across town.