



National Weather Service

Storm Data and Unusual Weather Phenomena



May 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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OKLAHOMA, Western, Central and Southeast

Oklahoma County									
Edmond	05	0100CST			0	0			Hail (1.75)
Lincoln County									
Meeker	05	0130CST			0	0	0.01K		Thunderstorm Wind
Harper County									
10 NW Buffalo	05	0135CST			0	0			Hail (0.75)
Woods County									
4 NE Waynoka	05	0210CST			0	0			Hail (0.88)
Logan County									
3 W Meridian	05	0300CST			0	0			Hail (0.75)
Hughes County									
Lamar	05	0530CST			0	0			Hail (0.75)

Isolated severe thunderstorms developed during the early morning of May 5th, resulting in numerous reports of large hail. Severe winds also blew down several large tree limbs in Meeker in Lincoln County.

OKZ013-017>020-023>032-037>048-050>052 **Noble - Blaine - Kingfisher - Logan - Payne - Caddo - Canadian - Oklahoma - Lincoln - Grady - McClain - Cleveland - Pottawatomie - Seminole - Hughes - Tillman - Comanche - Stephens - Garvin - Murray - Pontotoc - Coal - Cotton - Jefferson - Carter - Johnston - Atoka - Love - Marshall - Bryan**

06	0300CST				0	0			Fog
	0800CST								

Dense fog formed over most of central and southern Oklahoma during the early morning of May 6th, resulting in visibilities of less than one-quarter of a mile at many routine surface observation sights. Two automobile accidents, attributed at least in part to the dense fog, were reported. One woman involved in a single-vehicle accident at 0430 CST was killed near Elmore City (Garvin County) when she failed to make a sharp curve, went off the road and struck an embankment. Another woman was injured near Lawton (Comanche County) at 0700 CST when her car hit another vehicle which was trying to turn left out of a driveway.

Beckham County									
5 S Carter	08	1900CST			0	0	45K		Thunderstorm Wind (G61)
Greer County									
1 S Willow	08	1900CST			0	0	2.5K		Thunderstorm Wind
Kiowa County									
12 NW Lone Wolf	08	1905CST			0	0			Thunderstorm Wind (G61)
Washita County									
Sentinel	08	1930CST			0	0			Thunderstorm Wind (G61)
Beckham County									
2 N Delhi	08	2130CST			0	0	3K		Thunderstorm Wind
Beckham County									
4 SE Erick	08	2130CST			0	0			Thunderstorm Wind (G59)
Measured by Oklahoma Mesonet.									
Beckham County									
Erick	08	2130CST			0	0	0.40K		Thunderstorm Wind
Beckham County									
4 S Sayre	08	2130CST			0	0	15.5K		Thunderstorm Wind
Beckham County									
Sayre	08	2130CST			0	0	50K		Thunderstorm Wind
Beckham County									
6 E Sayre	08	2135CST			0	1	36K		Thunderstorm Wind
Beckham County									
Elk City	08	2141CST			0	0			Hail (0.88)
Beckham County									
6 S Elk City	08	2145CST			0	0	13K		Thunderstorm Wind



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OKLAHOMA, Western, Central and Southeast

Beckham County									
Elk City	08	2145CST			0	0	1K		Thunderstorm Wind
Beckham County									
8 S Elk City	08	2145CST			0	0	18.5K		Thunderstorm Wind
Washita County									
Canute	08	2210CST			0	0			Hail (0.88)
Washita County									
Canute	08	2210CST			0	0	0.60K		Thunderstorm Wind

Two severe thunderstorms developed over western Oklahoma the evening of May 8th. The first storm formed over Beckham, Greer, Kiowa and Washita Counties between 1900 CST and 1930 CST. Several mobile homes and barns were destroyed and one horse was killed 5 miles south of Carter in Beckham County. In Sentinel in Washita County severe winds destroyed fences, an elevator, a barn and several storage buildings while a gas pump was damaged, and a wood structure was blown onto Interstate 44. One mile south of Willow in Greer County 5 high-line power poles were broken. The other severe thunderstorm formed 2 hours later in Beckham County first blowing a roof off of a mobile home 2 miles north of Delhi, then knocking down power lines onto Highway 34 in Erick. As the storm moved to 4 miles south of Sayre, a metal tower was blown onto Highway 283 while roof damage occurred to a mobile home. Substantial damage was reported in Sayre where a semi-truck was blown off of Interstate 40. Additional damage included roof damage to a barn and well house, uprooted trees, one onto a house, a destroyed gas pump and a destroyed mobile home on Highway 52 just east of Sayre. Also east of Sayre, an ostrich was killed, and power was knocked out for 4 hours. Six miles east of Sayre, one person was injured due to flying debris; an oil rig was damaged, and one trailer was overturned while 3 others shifted off their foundation. Eight miles south of Elk City, two metal buildings were destroyed; a grain silo was blown over; a stock trailer was blown into a canyon and destroyed, and a barn roof was damaged. Two barns were destroyed; a trailer was blown off of its foundation; a house chimney was damaged, and house windows were broken 6 miles south of Elk City, while large trees fell over in Elk City crushing a fence and swing set. A tin roof was blown off a small out building in Canute. Power outages and downed 4 to 5 inch tree limbs were also reported.

Cleveland County									
2 W Moore	09	0615CST			0	0			Hail (0.75)
Cleveland County									
Norman	09	0620CST			0	0	0.10K		Thunderstorm Wind
Oklahoma County									
Tinker Afb	09	0630CST			0	0			Hail (0.75)
Pottawatomie County									
4 S Mc Loud	09	0705CST			0	0			Hail (0.88)

Isolated severe thunderstorms developed during the early morning of May 9th, resulting in a downed 6 inch diameter tree in Norman. Nickel size hail was reported 4 miles south of McLoud, while dime size hail fell 2 miles west of Moore and at Tinker Air Force Base.

Beckham County									
20 SW Erick	14	2000CST			0	0			Hail (0.75)
Beckham County									
12 SW Erick	14	2005CST			0	0			Hail (0.88)
Beckham County									
2 N Erick	14	2030CST			0	0			Thunderstorm Wind (G70)
Beckham County									
Erick	14	2030CST			0	0	45K		Thunderstorm Wind (G52)
Roger Mills County									
3 N Sweetwater	14	2030CST			0	0			Hail (0.75)
Beckham County									
1 S Elk City	14	2040CST			0	0	2K		Thunderstorm Wind
Roger Mills County									
7 N Sweetwater	14	2040CST			0	0			Hail (1.00)
Roger Mills County									
7 N Sweetwater	14	2040CST			0	0			Thunderstorm Wind (G52)



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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OKLAHOMA, Western, Central and Southeast									
Roger Mills County Cheyenne	14	2050CST			0	0	54.1K		Thunderstorm Wind
Harmon County 3 WNW Vinson	14	2100CST			0	0			Hail (0.75)
Harmon County Hollis	14	2135CST			0	0			Hail (1.25)
Roger Mills County 2 N Dempsey	14	2145CST			0	0			Hail (0.75)
Roger Mills County 2 N Dempsey	14	2145CST			0	0	0.01K		Thunderstorm Wind
Beckham County 4 ESE Erick	14	2200CST			0	0			Thunderstorm Wind (G60)
Major County 17 N Chester	14	2205CST			0	0	50K		Thunderstorm Wind
Beckham County Elk City	14	2215CST			0	0	9K		Thunderstorm Wind
Roger Mills County Cheyenne	14	2215CST			0	0	0.20K		Thunderstorm Wind
Woods County Waynoka	14	2215CST			0	0	2.5K		Thunderstorm Wind
Greer County 15 WNW Willow	15	0100CST			0	0			Hail (0.75)
Greer County 15 WNW Willow	15	0100CST			0	0	2K		Thunderstorm Wind
Roger Mills County 2 SW Durham	15	0130CST			0	0			Hail (0.75)
Roger Mills County 2 SW Durham	15	0130CST			0	0	0.10K		Thunderstorm Wind
Roger Mills County 6 SW Cheyenne	15	0140CST			0	0	2.5K		Thunderstorm Wind
Roger Mills County 2 N Dempsey	15	0155CST			0	0			Thunderstorm Wind (G70)
Jackson County Altus Muni Arpt	15	0200CST			0	0	20K		Thunderstorm Wind (G61)
Roger Mills County Cheyenne	15	0200CST			0	0			Thunderstorm Wind (G70)
Roger Mills County 2 W Cheyenne	15	0200CST			0	0	2K		Thunderstorm Wind
Ellis County Shattuck	15	0204CST			0	0	1K		Thunderstorm Wind
Jackson County Martha	15	0209CST			0	0	1.4K		Thunderstorm Wind
Tillman County Tipton	15	0227CST			0	0	0.80K		Thunderstorm Wind
Harper County 8 SW Laverne	15	0230CST			0	0			Hail (1.00)
Woodward County Woodward	15	0233CST			0	0	0.50K		Thunderstorm Wind



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OKLAHOMA, Western, Central and Southeast

Dewey County 5 SE Vici	15	0245CST			0	0	0.01K		Thunderstorm Wind
Major County 19 N Chester	15	0300CST			0	0	1K		Thunderstorm Wind
Comanche County 20 NW Lawton	15	0302CST			0	0	1.8K		Thunderstorm Wind
Alfalfa County Helena	15	0330CST			0	0	5.5K		Thunderstorm Wind
Blaine County Okeene	15	0330CST			0	0	6K		Thunderstorm Wind
Kingfisher County Lacey	15	0335CST			0	0	40K		Thunderstorm Wind
Kingfisher County 1 W Loyal	15	0335CST			0	0	2.5K		Thunderstorm Wind
Kingfisher County 1 S Hennessey	15	0338CST			0	0	5.5K		Thunderstorm Wind
Canadian County Calumet	15	0340CST			0	0	6K		Thunderstorm Wind
Garfield County Drummond	15	0345CST			0	0			Thunderstorm Wind (G52)
Garfield County Vance Afb	15	0357CST 0402CST			0	0	8K		Thunderstorm Wind (G65)
Wind gust to 56 knots at 0357 CST measured at Vance AFB. Wind gust to 65 knots at 0402 CST, also measured at Vance AFB.									
Garfield County Countywide	15	0400CST			0	0	8K		Thunderstorm Wind
Garfield County 1 S Enid	15	0405CST			0	0	10K		Thunderstorm Wind
Kay County Braman	15	0430CST			0	0	16.5K		Thunderstorm Wind
Kay County Tonkawa	15	0435CST			0	0	0.50K		Thunderstorm Wind
Grant County 2 ESE Lamont	15	0445CST			0	0	0.40K		Thunderstorm Wind
Kay County Blackwell	15	0445CST			0	0			Thunderstorm Wind (G60)
Measured by Oklahoma Mesonet.									
Kay County Blackwell	15	0445CST			0	0	2K		Thunderstorm Wind
Kay County Kildare	15	0450CST			0	0			Thunderstorm Wind (G61)
Cleveland County Norman	15	0505CST			0	0			Hail (0.75)
Cleveland County Norman	15	0515CST			0	0	6K		Thunderstorm Wind

A cluster of severe thunderstorms developed over portions of western Oklahoma during the evening of May 14th, before a large and intense line of severe thunderstorms accompanied by damaging winds and large hail moved into western Oklahoma and eventually central Oklahoma during the early morning of May 15th. In association with the first cluster of severe thunderstorms, two hangars were damaged, one destroyed at the airport in Erick in Beckham County. At least \$50,000 damage occurred to a church roof. A lumberyard



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					Killed	Injured	Property	Crops	

OKLAHOMA, Western, Central and Southeast

building was destroyed; Trees were downed, and windows were smashed in Erick. There were also many reports of roof damage in the city of Erick. Roof damage occurred at a sewer plant 1 mile south of Elk City, while in Elk City ten utility poles were snapped; one trailer was pushed off its foundation; semi trucks were blown off of Interstate 40; and damage occurred to many roofs. In Cheyenne in Roger Mills County severe winds damaged a gymnasium roof allowing rain to pour into a new \$52,000 floor causing major water damage. The roof was blown off at the Oklahoma Educational Television Association (OETA) translator station, and windows were blown out at a fire station. Tree limbs and power lines were also downed. Three inch diameter tree limbs were blown down 2 miles north of Dempsey. In Major County 17 miles north of Chester a garage roof was damaged, and a chicken house was destroyed, while a roof was blown off and high line poles were snapped in Waynoka. There were also many reports of large hail, the largest, half dollar size, occurred in Hollis (Harmon County) at 2135 CST.

Damaging winds accompanied a line of severe thunderstorms that moved through western and central Oklahoma between 0100 CST and 0515 CST on May 15th. A roof was blown off of a barn 15 miles northwest of Willow; 6 to 8 inch diameter tree limbs were blown down 2 miles southwest of Durham. Six miles southwest of Cheyenne, a wellhouse blew over, and roof damage occurred to a house. In Cheyenne severe winds damaged several homes, while a roof was blown off a trailer house 2 miles west of Cheyenne. Two hangar doors were blown off at Altus Municipal Airport. Numerous trees were downed in Shattuck in Ellis County; seven utility poles were snapped in Martha. Reports of snapped utility poles also came from Tipton. Trees were downed in Woodward; 2 inch diameter tree limbs were broken 5 miles southeast of Vici, and a roof was blown off of a garage 19 miles north of Chester in Major County. An antenna was destroyed 20 miles northwest of Lawton, while trees were uprooted, and damage occurred to a roof. In Helena several 3 inch diameter tree limbs were blown down; a swingset was blown over; a large cedar tree was snapped in half; power lines were downed; and damage occurred to many roofs, while in Okeene a large metal building was destroyed, and utility poles were snapped. In Lacey in Kingfisher County 2 large irrigation systems were destroyed. There were also reports of power outages and damage to many mobile homes and barns. One mile west of Loyal the doors and roof were blown off of a barn, while a shed was destroyed, and power lines were downed 1 mile south of Hennessey. A barn was demolished in Omega. Roof damage was reported southwest of Kingfisher. In Calumet in Canadian County a grain storage bin was damaged, and a barn was destroyed. Limbs and power lines were downed all across Garfield County, while a sheet metal building was destroyed in Enid. A guinea hen and two geese were also killed, and roofs were damaged, while a U-haul trailer was blown off of the highway 1 mile south of Enid. Several barns were damaged in Brahman. Power lines and numerous tree limbs were downed in Brahman and Tonkawa. A semi truck was blown off of Interstate 35 in Blackwell. Large trees were blown over 2 miles southeast of Lamont, and fences were blown down in Norman.

Oklahoma County Oklahoma City	20	1100CST			0	1			Lightning
Oklahoma County Oklahoma City	20	1100CST			0	0	2K		Thunderstorm Wind

An isolated severe thunderstorm developed over Oklahoma City the morning of May 20th. One man sustained minor burns when he was struck by lightning, and power was knocked out to 53 homes at May and NW 14th Street for over two hours.

Alfalfa County 1 S Amorita	24	1745CST	0.1	10	0	0			Tornado (F0)
Alfalfa County 3 ENE Amorita	24	1750CST	0.1	10	0	0			Tornado (F0)
Alfalfa County 8 E Amorita to 10 ESE Amorita	24	1755CST 1759CST	3.5	100	0	0	3K		Tornado (F1)
Grant County 8 SW Manchester to 9 SSE Manchester	24	1759CST 1805CST	1.5	100	0	0			Tornado (F0)
Grant County 4 WNW Wakita	24	1823CST	0.1	10	0	0			Tornado (F0)
Grant County 2 SW Wakita to 2 S Wakita	24	1825CST 1829CST	2.5	50	0	0			Tornado (F0)
Grant County 9 W Medford	24	1839CST	0.1	10	0	0			Tornado (F0)
Grant County 3 SE Wakita	24	1840CST	0.1	10	0	0			Tornado (F0)
Grant County 6 W Medford	24	1846CST 1853CST	1	250	0	0			Tornado (F0)



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OKLAHOMA, Western, Central and Southeast

Grant County									
6 W Medford	24	1847CST 1850CST	0.8	175	0	0			Tornado (F0)
Grant County									
4 W Medford	24	1909CST			0	0			Hail (2.75)
Kiowa County									
4 S Hobart	24	1910CST			0	0			Hail (0.75)
Grant County									
Deer Creek	24	1920CST			0	0			Hail (1.00)
Grant County									
2 SW Medford to 2 S Medford	24	1920CST 1924CST	2	75	0	0	5K		Tornado (F1)
Grant County									
Medford	24	1923CST			0	0			Hail (3.50)
Grant County									
3 SE Jefferson to 7 E Pond Creek	24	1929CST 1934CST	5	275	0	0	1K		Tornado (F0)
Jackson County									
Duke	24	1930CST			0	0			Hail (0.75)
Grant County									
4 ENE Pond Creek	24	1935CST 1936CST	1	200	0	0	5K		Tornado (F1)
Grant County									
1 N Salt Fork	24	1950CST	2	400	0	0	15K		Tornado (F1)
Kay County									
1 WNW Braman	24	1955CST	0.1	10	0	0			Tornado (F0)
Kay County									
4 N Blackwell	24	2000CST			0	0			Thunderstorm Wind (G52)
Grant County									
3.5 S Lamont to 4 NW Lamont	24	2010CST 2025CST	5.3	1300	0	0	2M		Tornado (F3)
Grant County									
13 W Medford to 4 WNW Pond Creek	24	2029CST 2038CST			0	0	10K		Thunderstorm Wind (G96)
Kay County									
8 E Newkirk	24	2030CST			0	0			Thunderstorm Wind (G63)
Measured by Oklahoma Mesonet.									
Kay County									
8 E Newkirk	24	2035CST			0	0			Thunderstorm Wind (G55)
Measured by Oklahoma Mesonet.									
Woods County									
16 NNE Freedom	24	2105CST			0	0			Thunderstorm Wind (G51)
Measured by Oklahoma Mesonet.									
Woods County									
16 E Freedom	24	2110CST			0	0			Thunderstorm Wind (G57)
Measured by Oklahoma Mesonet.									
Alfalfa County									
9 S Cherokee	24	2115CST			0	0			Hail (1.00)
Alfalfa County									
9 S Cherokee	24	2115CST			0	0			Thunderstorm Wind (G61)



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OKLAHOMA, Western, Central and Southeast

Kay County									
5 NW Tonkawa	24	2130CST	0.1	10	0	0			Tornado (F0)
Woodward County									
21 NNE Mooreland	24	2130CST			0	0			Thunderstorm Wind (G58)
Measured by Oklahoma Mesonet.									
Alfalfa County									
Goltry	24	2140CST			0	0			Hail (2.50)
Alfalfa County									
Goltry	24	2140CST			0	0			Thunderstorm Wind (G61)
Kay County									
Blackwell	24	2140CST			0	0			Hail (1.75)
Kay County									
Blackwell	24	2140CST			0	0			Thunderstorm Wind (G52)
Kay County									
Tonkawa	24	2140CST			0	0			Hail (1.00)
Kay County									
Tonkawa	24	2140CST			0	0			Thunderstorm Wind (G52)
Noble County									
7 W Billings	24	2140CST			0	0			Thunderstorm Wind (G61)
Grant County									
Jefferson	24	2145CST			0	0			Hail (0.88)
Grant County									
Jefferson	24	2145CST			0	0	4K		Thunderstorm Wind
Harper County									
11 NNE Selman	24	2155CST			0	0			Hail (1.25)
Alfalfa County									
8 S Cherokee	24	2200CST			0	0			Hail (1.75)
Alfalfa County									
8 S Cherokee	24	2200CST			0	0			Thunderstorm Wind (G61)
Harper County									
9 ENE Buffalo	24	2200CST			0	0			Hail (0.75)
Woods County									
14 NNE Camp Houston	24	2200CST			0	0			Hail (0.75)
Woods County									
14 NNE Camp Houston	24	2200CST			0	0	0.50K		Thunderstorm Wind
Alfalfa County									
Goltry	24	2230CST			0	0			Hail (2.50)
Alfalfa County									
Goltry	24	2230CST			0	0			Thunderstorm Wind (G61)
Kay County									
Blackwell	24	2230CST			0	0			Flash Flood
Kay County									
Blackwell	24	2230CST			0	0			Hail (0.75)
Alfalfa County									
Cherokee	24	2240CST			0	0			Hail (1.75)
Alfalfa County									
Cherokee	24	2240CST			0	0			Thunderstorm Wind (G61)



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OKLAHOMA, Western, Central and Southeast

Garfield County Kremlin	24	2300CST			0	0			Hail (0.88)
Alfalfa County Goltry	24	2305CST			0	0			Hail (2.75)
Garfield County Enid	24	2305CST			0	0			Hail (1.75)
Major County 5 NNE Meno	24	2310CST			0	0			Hail (0.88)
Garfield County Hillsdale	24	2315CST			0	0			Hail (2.00)
Garfield County 3 SE Breckinridge	24	2340CST			0	0			Thunderstorm Wind (G57)
Measured by Oklahoma Mesonet.									
Alfalfa County 9 W Cherokee	24	2345CST			0	0			Hail (0.75)
Alfalfa County 9 W Cherokee	24	2345CST			0	0	0.01K		Thunderstorm Wind
Harper County 9 ENE Buffalo	25	0000CST			0	0			Hail (0.88)
Harper County 11 NNE Selman	25	0000CST			0	0			Thunderstorm Wind (G70)
Woods County Alva	25	0055CST			0	0			Hail (1.75)
Woods County Alva	25	0055CST			0	1	55K		Thunderstorm Wind
Alfalfa County 6 W Cherokee	25	0100CST			0	0			Hail (1.00)
Alfalfa County 6 W Cherokee	25	0100CST			0	0			Thunderstorm Wind (G52)
Alfalfa County Cherokee	25	0115CST			0	0			Hail (1.00)
Alfalfa County Cherokee	25	0130CST			0	0	10K		Flash Flood
Alfalfa County Cherokee	25	0130CST			0	0			Thunderstorm Wind (G61)
Garfield County Hillsdale	25	0200CST			0	0			Hail (2.50)
Dewey County 5 NNE Leedey	25	0245CST			0	0			Hail (1.00)
Custer County Thomas	25	0300CST			0	0	0.11K		Thunderstorm Wind
Blaine County Watonga	25	0315CST			0	0			Hail (1.75)
Caddo County Hinton	25	0326CST			0	0			Thunderstorm Wind (G60)
Canadian County Okarche	25	0345CST			0	0			Hail (2.50)



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Kingfisher County 4 WNW Kingfisher	25	0400CST			0	0			Hail (0.75)
Kingfisher County 3 S Kingfisher	25	0400CST			0	0			Hail (0.88)
Canadian County 6 N Piedmont	25	0415CST			0	0			Hail (1.00)
Canadian County Piedmont	25	0415CST			0	0	40K		Lightning
Oklahoma County Oklahoma City	25	0420CST			0	0			Hail (1.50)
Oklahoma County Edmond	25	0430CST			0	0			Hail (0.75)
Oklahoma County Edmond	25	0430CST			0	0	0.10K		Thunderstorm Wind
Oklahoma County Oklahoma City	25	0430CST			0	0			Hail (0.75)
Oklahoma County Del City	25	0500CST			0	0			Hail (0.88)
Oklahoma County 3 S Choctaw	25	0515CST			0	0			Hail (0.88)
Pottawatomie County 4 S Mc Loud	25	0535CST			0	0			Hail (0.75)
Pottawatomie County Shawnee	25	0545CST			0	0	1K		Thunderstorm Wind

A large complex of severe thunderstorms moved from southern Kansas into northern and central Oklahoma during the evening of May 24th and the early morning of May 25th, resulting in 16 tornadoes, most of which occurred in Grant County. The strongest tornado, an F3, occurred near Lamont in Grant County. There were also reports of hail up to 3.5 inches in diameter, straight line wind damage, and flooding.

The first tornado, an F0, touched down in an open field 1 mile south of Amorita in Alfalfa County at 1745 CST lasting for less than one minute with no reports of damage. The second tornado, also an F0, was reported 5 minutes later by media chasers to have touched down in an open field 3 miles east northeast of Amorita. Touchdown was very brief with no damage reported. The third tornado was also observed by media chasers, this time in northeast Alfalfa County 8 miles east of Amorita. The tornado, an F1, damaged one house and knocked down power lines as it moved southeast and weakened while crossing into western Grant County for a total damage path length of 5 miles. There were no reports of damage with this segment of the tornado in Grant County and thus was rated an F0. An unusual aspect of this tornado was that it was reported to be rotating anticyclonically. The fourth and fifth tornadoes were also rated F0, the fourth reported by media chasers to have touched down in an open field 4 west northwest of Wakita with no damage, and the fifth observed by Wakita Fire Department to be on the ground for 2.5 miles from 2 miles southwest of Wakita to 2 miles south of Wakita. No damage was reported.

An off-duty National Weather Service meteorologist observed the sixth tornado, an F0, in an open field 9 miles west of Medford. The seventh tornado, also an F0, produced no damage as it rotated anticyclonically 3 miles southeast of Wakita. The eighth and ninth tornadoes, both F0, occurred simultaneously 6 miles west of Medford. The eighth tornado touched down just north of Highway 11 while the ninth tornado touched down just south of Highway 11. One house and a business were damaged by the tenth tornado which occurred in Grant County from 2 miles southwest of Medford to 2 miles south of Medford. The eleventh tornado, an F0, was observed by an off duty National Weather Service meteorologist to be knocking down trees and power lines in a 5 mile long damage path in southern Grant County. The twelfth tornado, an F1, snapped trees in half and damaged a private airstrip 4 miles east northeast of Pond Creek while the thirteenth tornado, also an F1, damaged several homes and knocked down trees and power lines 1 mile north of Salt Fork. The fourteenth tornado, an F0, was reported by spotters to have touched down briefly in an open field causing no damage.

The most destructive tornado occurred near the city of Lamont where damage estimates reached 2 million dollars. National Weather Service meteorologists conducted a survey of the area and found a damage path 5 1/4 miles long and 3/4 of a mile wide with F3 damage occurring 2 miles west of Lamont where a well-built brick home had all of its exterior walls destroyed. In addition, 6 single-family homes were destroyed 1.5 miles south of Lamont, while in the city of Lamont 3 single-family dwellings sustained major



National Weather Service

Storm Data and Unusual Weather Phenomena



May 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OKLAHOMA, Western, Central and Southeast

damage. Nine single-family homes suffered minor damage. Nearly a dozen vehicles were destroyed, including automobiles, pickup trucks, farm trucks, and farm tractors. Several barns were destroyed including one barn where 30 sheep were also killed. More than 70 utility poles were ripped down in a 3 mile stretch. The Lamont tornado, as it is referred, was unusual in its direction of movement. Several eye witnesses reported a southeast to northwest movement. WSR-88D data also showed the mesocyclone associated with the tornado moving from south to north in a looping manner when the tornado was reported. The last tornado, the sixteenth of this episode, touched down briefly in an open field 5 miles northwest of Tonkawa at 2130 CST. Tonkawa Emergency Management reported no damage. Thus, this tornado was rated an F0.

In addition to these tornadoes, a large macroburst containing damaging straight-line winds occurred from 13 miles west of Medford (Grant County) to 4 miles west northwest of Pond Creek. Satellite dishes owned by Classic Cable Company, which were rated at 110 mph, were flattened by the winds. Straight-line wind damage was also reported in Alva where one man sustained minor injuries when he was blown into the bed of a pickup truck. Also in Alva at least 3 mobile homes suffered major damage; several carports were destroyed; awning and minor roof damage occurred to many homes; and trees and power lines were blown down. One indirect fatality occurred in Alva when a man slipped and suffered a heart attack while seeking shelter in a storm cellar. Other reports of straight-line wind damage include major roof damage to an old schoolhouse gymnasium in the city of Jefferson in Grant County. Two large cedar trees were also uprooted in Jefferson. A tree limb was blown through a picture window 14 miles north northeast of Camp Houston in Woods County. Windows were also blown out of a shed, and numerous trees were downed. Four to six inch tree limbs were blown down 9 miles west of Cherokee in Alfalfa County. In Thomas in Custer County one utility pole was snapped and large limbs were blown down. Power lines were knocked down in Edmond in Oklahoma County. Severe winds also damaged the roof of the Fred Humphrey Pavilion in Shawnee in Pottawatomie County. The largest hail reported measured 3.5 inches in diameter and occurred in Medford in Grant County. Three reported events of at least tennis ball size hail occurred in Goltry (Alfalfa County) in less than 2 hours: tennis ball size hail at 2140 CST and 2230 CST, and baseball size hail at 2305 CST. Between 30 and 100 percent of the wheat crop was destroyed due to large hail from about 2 miles west of Jet to near Goltry. Another area south of Cherokee, near the junction of US 64 and SH 8 also sustained major wheat crop damage. In addition numerous vehicles had their windows broken. Tennis ball size hail also damaged the wheat crop and numerous vehicles in Okarche in Canadian County while in Watonga in Blaine County golf ball size hail damaged RV vehicles and street lights. Quarter size hail damaged several vehicles 6 miles north of Piedmont in Canadian County. Lightning struck a house in Piedmont causing a house to catch on fire. The last of the severe thunderstorms moved through northern Oklahoma during the early morning of May 25th, resulting in flooding near Cherokee and the National Wildlife Refuge in Alfalfa County, where 5.5 inches of rain fell. Several streets and the city park were also flooded in Blackwell in Kay County during the evening of May 24th.

Coal County									
Lehigh	25	2220CST			0	0	0		Hail (1.75)

TEXAS, Western North

Baylor County									
Seymour	08	1745CST			0	0	20K		Thunderstorm Wind
Westover	08	1805CST			0	0	0		Thunderstorm Wind (G57)
Archer City	08	1825CST			0	0	10.5K		Thunderstorm Wind
Windthorst	08	1845CST			0	0			Thunderstorm Wind (G57)
9 SW Joy	08	1850CST			0	0			Thunderstorm Wind (G61)

Severe thunderstorms affected western portions of north Texas during the afternoon of May 8th. Three to four walls of a building at Texas Compress and Warehouse Corporation in Seymour in Baylor County collapsed while in Archer City in Archer County severe thunderstorm winds destroyed an old barn and garage. Two cable television poles and a large tree were also blown down on the south side of Archer City.

Knox County									
Truscott	15	0140CST			0	0	0.01K		Thunderstorm Wind
5 NW Vernon	15	0215CST			0	0	0.60K		Thunderstorm Wind

Isolated severe thunderstorms developed over Knox and Wilbarger Counties during the early morning of May 15th. Four to five inch



National Weather Service

Storm Data and Unusual Weather Phenomena



May 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

TEXAS, Western North

diameter tree limbs were blown down near Truscott in Knox County and utility poles were snapped 5 miles northwest of Vernon in Wilbarger County.

Knox County									
10 W Benjamin	24	1655CST			0	0			Hail (1.00)
Knox County									
10 W Benjamin	24	1655CST			0	0			Thunderstorm Wind (G61)
Knox County									
Benjamin	24	1710CST			0	0			Hail (0.88)
Foard County									
8 N Crowell	24	1720CST			0	0			Hail (0.88)
Hardeman County									
13 S Quanah	24	1720CST			0	0			Hail (0.88)
Hardeman County									
Quanah	24	1735CST			0	0			Hail (1.00)
Hardeman County									
Quanah	24	1735CST			0	0			Thunderstorm Wind (G50)

Measured at Quanah Fire Department.

Hardeman County									
5 SE Quanah	24	1740CST			0	0	1K		Thunderstorm Wind

Severe thunderstorms developed over western portions of north Texas during the afternoon of May 24th, resulting in numerous reports of large hail and damaging winds. Several camping trailers were damaged 5 miles southeast of Quanah in Hardeman County at Lake Pauline. Quarter size hail was reported in Quanah in Hardeman County and also in Knox County 10 miles west of Benjamin.

Foard County									
Crowell	25	2220CST			0	0	0.50K		Thunderstorm Wind

An isolated severe thunderstorm developed over Foard County during the evening of May 25th, resulting in 4 to 6 inch diameter tree limbs being blown down in Crowell.