

Oklahoma, Eastern June 1993

Creek County, Depew	03	0255CST	0	0		Hail (2.75)
Creek County, 1 S Shamrock	03	0259CST	0	0		Hail (1.75)
Creek County, Depew	03	0259CST	0	0		TSTM Wind (52)
Creek County, Bristow	03	0305CST	0	0	4	Hail (4.50)
Creek County, 5 S Bristow	03	0305CST	0	0		Hail (4.50)
Creek County, Slick	03	0315CST	0	0	4	Hail (2.75)
Creek County, 3 SE Slick	03	0325CST	0	0		Hail (1.75)
Okmulgee County, Beggs	03	0330CST	0	0		Hail (4.50)
Okmulgee County, Preston	03	0332CST	0	0		Hail (2.75)
Okmulgee County, 2 E Beggs	03	0335CST	0	0		Hail (2.75)
Craig County, 4 E Welch	03	0340CST	0	0		Hail (0.75)
Ottawa County, 5 W Miami	03	0350CST	0	0		Hail (0.75)
Osage County, 3 S Burbank	03	0400CST	0	0		Hail (1.75)
Osage County, Fairfax	03	0400CST	0	0		TSTM Wind (56)
Okmulgee County, 5 N Morris	03	0400CST	0	0		Hail (0.75)
Muskogee County, 1 NW Haskell	03	0410CST	0	0		Hail (0.75)
Osage County, 4 W Pawhuska	03	0430CST	0	0	5	TSTM Wind (78)
Osage County, 5 NW Okesa	03	0450CST	0	0		Hail (0.88)
Osage County, 5 NW Barnsdall	03	0500CST	0	0		Hail (1.75)
Nowata County, Nowata	03	0518CST	0	0		Hail (0.88)
Osage County, 5 N Hallett	03	0525CST	0	0		Hail (0.88)
Nowata County, 2 NW Nowata	03	0529CST	0	0		Hail (1.75)
Nowata County, 2 N Nowata	03	0529CST	0	0		Hail (1.75)
Craig County, 3 E White Oak	03	0530CST	0	0		Hail (0.88)
Pawnee County, Cleveland	03	0536CST	0	0		Hail (1.00)
Osage County, Hominy	03	0537CST	0	0		Hail (0.75)
Craig County, 3 E White Oak	03	0538CST	0	0		Hail (2.75)

5 W White Oak					
Rogers County, 3 S Talala	03	0540CST	0	0	Hail (0.75)
Pawnee County, 10 E Hallett	03	0541CST	0	0	Hail (0.75)
Pawnee County, Cleveland	03	0546CST	0	0	Hail (1.00)
Craig County, Vinita	03	0547CST	0	0	Hail (1.75)
Washington County, 4 SE Bartlesville	03	0550CST	0	0	Hail (0.75)
Craig County, Vinita	03	0555CST	0	0	Hail (1.75)
Osage County, 1 N Skiatook	03	0600CST	0	0	Hail (0.75)
Tulsa County, Skiatook	03	0600CST	0	0	Hail (2.75)
Tulsa County, Sperry	03	0600CST	0	0	Hail (1.75)
Delaware County, Bernice	03	0600CST	0	0	Hail (2.75)
Tulsa County, Sperry	03	0605CST	0	0	Hail (0.75)
Ottawa County, 4 E Afton	03	0605CST	0	0	Hail (0.75)
Tulsa County, Owasso	03	0608CST	0	0	Hail (0.75)
Washington County, Bartlesville	03	0610CST	0	0	TSTM Wind (56)
Delaware County, Grove	03	0610CST	0	0	Hail (2.75)
Tulsa County, Owasso	03	0613CST	0	0	Hail (0.88)
Washington County, Vera	03	0620CST	0	0	Hail (0.75)
Mayes County, 5 SW Pryor	03	0638CST	0	0	Hail (1.75)
Mayes County, 5 S Pryor	03	0640CST	0	0	Hail (1.75)
Rogers County, Tiawah	03	0645CST	0	0	Hail (0.75)
Adair County, Watts	03	0715CST	0	0	Hail (0.88)

Severe thunderstorms developed in northeast Oklahoma during the early morning of June 3rd. A few locations received damaging winds, but large hail was the main feature associated with the storms. One particularly severe storm moved across Creek and Okmulgee Counties before dissipating in Muskogee County. Very large hail occurred with this storm at several locations. Softball size hail fell at Beggs, and baseball to softball size hail fell at Bristow and 5 miles south of Bristow. Numerous windshields were broken by the hail in Bristow. Baseball size hail fell at Slick, where hail broke through the roof of one mobile home and through the siding of another home. Baseball size hail also occurred at Depew and Preston, and golfball to baseball size hail occurred 2 miles east of Beggs. In addition to the hail, thunderstorm winds also gusted to 60 miles an hour at Depew. Golfball size hail fell 1 mile south of Shamrock and 3 miles southeast of Slick, and dime size hail fell 5 miles north of Morris and 1 mile northwest of Haskell. Large hail also accompanied many of the other storms the

morning of June 3rd. Baseball size hail fell 5 miles west of White Oak and at Skiatook. Golfball to baseball size hail covered the ground at Grove, and dime to baseball size hail fell at Bernice. Dime to golfball size hail fell at numerous other locations throughout northeast Oklahoma. Strong thunderstorm winds estimated at 90 miles an hour caused damage to airplanes and mobile homes at and near the Pawhuska Airport, which is located 4 miles west of Pawhuska. A large tree was downed by 60 to 70 mile an hour winds in Bartlesville, and 60 to 70 mile an hour winds also occurred at Fairfax.

Nowata County, South Coffeyville	04	0330CST	0	0	Hail (2.75)
Nowata County, New Alluwe	04	0345CST	0	0	Hail (1.00)
Craig County, White Oak	04	0400CST	0	0	Hail (0.88)
Ottawa County, Miami	04	0410CST	0	0	Hail (0.75)
Ottawa County, Commerce	04	0415CST	0	0	Hail (0.75)

Severe thunderstorms produced large hail in extreme northeast Oklahoma during the early morning of June 4th. In Nowata County, baseball size hail fell at South Coffeyville, and quarter size hail fell at New Alluwe. Dime to nickel size hail occurred at White Oak in Craig County. In Ottawa County, dime size hail fell at both Miami and Commerce.

Creek County, 3 NW Depew	08	0030CST	0	0	TSTM Wind (52)
Tulsa County, West Tulsa	08	0124CST	0	0	Hail (0.75)
Tulsa County, Tulsa International Airport	08	0130CST	0	0	TSTM Wind (50)
Tulsa County, Tulsa	08	0130CST	0	0	5 TSTM Wind
Tulsa County, Broken Arrow	08	0135CST	0	0	3 TSTM Wind
Tulsa County, Broken Arrow	08	0135CST	0	0	Hail (0.75)
Tulsa County, 2 SE Broken Arrow	08	0137CST	0	0	TSTM Wind (52)
Tulsa County, 2 SE Broken Arrow	08	0137CST	0	0	Hail (1.75)
Wagoner County, 3 E Broken Arrow	08	0145CST	0	0	TSTM Wind
Rogers County, Claremore	08	0150CST	0	0	4 TSTM Wind (65)
Rogers County, 2 SW Oologah	08	0155CST	0	0	4 TSTM Wind
Tulsa County, Tulsa	08	0200CST	0	0	TSTM Wind
Rogers County, Claremore	08	0200CST	0	0	TSTM Wind
Mayes County, Pryor	08	0205CST	0	0	TSTM Wind (70)
Cherokee County, 1 N Peggs	08	0235CST	0	0	TSTM Wind (70)
Cherokee County, 1 N Moodys	08	0235CST	0	0	TSTM Wind (65)
Craig County, 1 N Moodys	08	0235CST	0	0	TSTM Wind (52)

Vinita

Tulsa County, Tulsa	08 0248CST	0	0		Hail (0.75)
Ottawa County, Miami	08 0255CST	0	0		TSTM Wind (52)
Delaware County, Jay	08 0300CST	0	0	3	TSTM Wind
Nowata County, 3 N New Alluwe	08 0415CST	0	0		Hail (1.00)

Severe thunderstorms developed in northeast Oklahoma during the early morning of June 8th and produced large hail and damaging winds. Strong thunderstorm winds downed numerous trees and power lines and caused roof damage on the south side of the city of Tulsa. Most of the damage occurred between 71st Street South and 81st Street South between Sheridan Road and Memorial Avenue. Several trees were also downed near 51st Street South and 131st East Avenue on the east side of the city of Tulsa, and a 3 foot tree was blown down across County Line Road 3 miles east of Broken Arrow in Wagoner County. Strong thunderstorm winds destroyed a metal and wood garage 2 miles southwest of Oologah, and 5 vehicles in the garage received minor damage. Thunderstorm winds as high as 75 miles an hour blew part of the roof off a retirement home in Claremore, and 81 mile an hour winds caused tree damage in Pryor. Windows were blown out of a house on the west side of the town of Jay, and windows were also blown out of a shopping center in Broken Arrow. Thunderstorm winds gusted to 80 miles an hour just north of Peggs, and to 70 to 80 miles an hour just north of Moodys. 60 mile an hour winds occurred 3 miles northwest of Depew, at Miami, at Vinita, and 2 miles southeast of Broken Arrow. Golfball size hail also accompanied the strong winds 2 miles southeast of Broken Arrow. Thunderstorm winds gusted to 58 miles an hour at the Tulsa International Airport. Quarter size hail fell 3 miles north of New Alluwe, and dime size hail fell in Broken Arrow. Dime size hail also fell at the intersection of 61st Street South and 32nd West Avenue on the west side of the city of Tulsa, and at the intersection of Admiral Place and Garnett Road on the east side of the city of Tulsa.

Pittsburg County, McAlester	08 1038CST	0	0		Hail (1.75)
Pittsburg County, McAlester	08 1042CST	0	0		Hail (1.00)
Pittsburg County, McAlester	08 1046CST	0	0		Hail (1.00)
Cherokee County, 4 E Moodys	08 1100CST	0	0		Hail (0.88)

Isolated severe thunderstorms developed in parts of east central and southeast Oklahoma during the late morning of June 8th. The storms produced hail up to golfball size at McAlester, and nickel size hail 4 miles east of Moodys.

Washington County, 1 S Copan	08 1835CST	0.1	30	0	0	Tornado (F-0)
Osage County, 1 N Pawhuska	08 1849CST	0	0			TSTM Wind (65)
Osage County, 1 N Pawhuska	08 1849CST	0	0			Hail (0.75)
Nowata County, South Coffeyville	08 1906CST	0	0			TSTM Wind (52)
Nowata County, South Coffeyville	08 1906CST	0	0			Hail (1.00)

Severe thunderstorms developed in northeast Oklahoma during the early evening of June 8th. There was a brief touchdown of a tornado at 1835 CST 1 mile south of Copan near U.S. Highway 75. No damage occurred as a result of this F-0 tornado. Thunderstorm winds gusted to between 70 and 80 miles an hour just north of Pawhuska, and dime size hail also

fell at this location. Quarter size hail fell at South Coffeyville, and winds also gusted to 60 miles an hour at this location.

Pawnee County, 3 E Maramec	09	1350CST			0	0			Hail (0.75)
Rogers County, NR Chelsea	09	1430CST			0	0			Hail (0.75)
Rogers County, NR Chelsea	09	1450CST			0	0			Hail (0.75)
Osage County, 1 W Skiatook	09	1512CST			0	0			Hail (1.00)
Osage County, 2 W Skiatook	09	1530CST			0	0			Hail (0.75)
Creek County, Bristow	09	1530CST			0	0	3		TSTM Wind
Creek County, Mounds	09	1545CST			0	0			TSTM Wind (52)
Okfuskee County, Boley	09	1545CST			0	0			TSTM Wind (52)
Creek County, Sapulpa	09	1555CST			0	0			TSTM Wind
Tulsa County, Glenpool	09	1558CST	0.1	30	0	1	5		Tornado (F-0)
Creek County- Tulsa County 4 NNE Sapulpa - 3 NNW Jenks	09	1600CST- 1606CST	3	50	0	0	5		Tornado (F-1)
Tulsa County, 10 S Jenks	09	1600CST			0	0	4		TSTM Wind
Craig County, Big Cabin	09	1610CST			0	0			TSTM Wind
Craig County, Big Cabin	09	1610CST			0	0			Hail (0.88)
Tulsa County, Tulsa	09	1610CST- 1620CST			0	0	5		TSTM Wind
Tulsa County, Broken Arrow	09	1615CST	0.1	50	0	0	5		Tornado (F-1)
Tulsa County, Broken Arrow	09	1615CST			0	0	5		TSTM Wind
Okmulgee County, 1 W Beggs	09	1615CST			0	0			TSTM Wind
Wagoner County, NR Oneta	09	1619CST	0.1	30	0	0			Tornado (F-0)
Wagoner County, 4 N Coweta	09	1620CST			0	0	4		TSTM Wind
Wagoner County, Coweta	09	1620CST			0	0			TSTM Wind
Muskogee County, Muskogee	09	1640CST			0	0			TSTM Wind (52)
Cherokee County, NR Peggs	09	1653CST			0	0	4		TSTM Wind
Cherokee County, Hulbert	09	1653CST			0	0			TSTM Wind (70)
Cherokee County, Tahlequah	09	1704CST			0	0			TSTM Wind (61)
Mayes County, Adair	09	1715CST			0	0	3		TSTM Wind

Wagoner County, 6 E Wagoner	09 1715CST	0	0	TSTM Wind (52)
Delaware County, Colcord - West Siloam Springs	09 1725CST	0	0	TSTM Wind
Rogers County, Chelsea	09 1730CST- 1800CST	0	0	Flash Flood
Adair County, Watts	09 1737CST	0	0	TSTM Wind (52)

Severe thunderstorms moved across northeast and east central Oklahoma during the afternoon of June 9th. Widespread wind damage occurred with the storms, and 4 tornadoes occurred within a few miles of Tulsa. A few locations also received dime to quarter size hail. A fast moving line of thunderstorms was responsible for most of the wind damage, and 3 of the tornadoes occurred as this line of storms intersected a southward moving outflow boundary produced by a severe thunderstorm north of Tulsa.

The first tornado was the only one which did not occur along these intersecting boundaries. This tornado touched down briefly at 1558 CST near the intersection of U.S. Highway 75 and 141st Street South in Glenpool. The tornado damaged a lumber yard and 2 or 3 mobile homes in this area before lifting. Damage to the lumber yard was estimated at \$150,000, and the manager of the lumber yard sustained a broken hand. This tornado was rated F-0 in intensity. The second tornado touched down at 1600 CST 4 miles north northeast of Sapulpa. The tornado damaged a house, garage, and trees on the north side of Interstate 44 before crossing the interstate and damaging a truck driving school. The tornado moved east into Tulsa County at 1605 CST and damaged several homes and one apartment near 61st Street South and 33rd West Avenue. Several vehicles were also damaged in this area. The tornado lifted at 1606 CST near the intersection of U.S. Highway 75 and 61st Street South. The 3 mile long and 50 yard wide damage path was not continuous, and the tornado produced F-0 to occasional F-1 damage. The third tornado touched down at 1615 CST near the intersection of Kent and Lyons Streets in Broken Arrow. The tornado caused considerable damage to several homes in this area. This 50 yard wide tornado was on the ground for less than 1/8 mile and produced F-0 to F-1 damage. The fourth tornado touched down very briefly near Oneta at 1619 CST. Trees were uprooted in this area, but no other damage occurred, and this tornado was rated F-0 in intensity.

The storms produced damaging winds in 11 counties of northeast and east central Oklahoma. In Creek County, trees were downed and windows were blown out in Bristow, and widespread wind damage occurred in Sapulpa. Thunderstorm winds gusted to 60 miles an hour at Mounds. In Okfuskee County, 3 inch diameter tree limbs were downed by 60 mile an hour winds in Boley. In Tulsa County, the Liberty Park Fire Station 10 miles south of Jenks had 3 bay doors blown out or heavily damaged. Across the street at Liberty School, 3 lights at the football field were bent and nearly broken, and nearby houses received shingle damage. Numerous trees and power lines were downed throughout the city of Tulsa. Considerable roof damage occurred at the Union High School at 66th Street South and Mingo Road. Roof damage also occurred at the Williamsburg Apartments on Lewis Street between 67th Street South and 71st Street South, and windows were blown out at the apartment complex. A sign was blown down at a Western Sizzlin' Restaurant in this area, and fence damage also occurred in the same area. A carport was blown away near Sheridan Road and 56th Street South. Trees were downed and roof damage occurred in Broken Arrow as well. A total of 37 homes were damaged in Broken Arrow. This includes damage from both the tornado and straightline winds. In Craig County, a large tree was downed in Big Cabin, and in Okmulgee County, a large tree was downed west of Beggs. In Wagoner County, a vacant mobile home was destroyed and the roof was blown off a barn 4 miles north of Coweta. Substantial tree damage also occurred in this area. Large trees and tree limbs were downed in Coweta, and several trees were downed at Sequoyah State Park 6 miles east of Wagoner. In Muskogee County, tree limbs were blown onto power lines in the town of Muskogee. In Cherokee County, 5 homes were damaged by strong winds near Peggs. Thunderstorm winds gusted to 80 miles an hour at Hulbert and to 70 miles an hour at Tahlequah. In Mayes County, a satellite dish was blown down and a storm door was blown off a house in Adair. In Delaware County, trees were downed along a path from Colcord to West Siloam Springs. In Adair County, thunderstorm winds gusted to 60 miles an hour at Watts.

The storms produced large hail at 5 locations in northeast Oklahoma. Quarter size hail fell 1 mile west of Skiatook, and nickel size hail fell at Big Cabin. Dime size hail fell 3 miles east of Maramec on the Cimarron Turnpike. Dime size hail also fell near Chelsea and 2 miles west of Skiatook. Heavy rains from the thunderstorms also resulted in street flooding in Chelsea.

Cherokee County, 14	1520CST	0	0		Hail (0.75)
10 SW Tahlequah					
Okmulgee County, 14	1530CST	0	0		TSTM Wind
Dewar					
Okmulgee County, 14	1530CST	0	0		Hail (0.88)
Dewar					
Cherokee County, 14	1600CST-	0	0		Flash Flood
Peggs - Hulbert	1730CST				
Muskogee County, 14	1625CST	0	0	4	TSTM Wind
Webbers Falls					
Adair County, 14	1800CST-	0	0		Flash Flood
5 SE Stilwell	1830CST				

Severe thunderstorms developed in east central Oklahoma along a cold front during the late afternoon of June 14th. The storms produced strong winds in Webbers Falls which downed several large trees, destroyed a small storage building, and downed a chain link fence. Dime size hail fell 10 miles southwest of Tahlequah on State Highway 62, and nickel size hail fell at Dewar. Tree limbs were also downed by strong winds in Dewar.

Pittsburg County, 15	0715CST	1	1	3	Lightning
Alderson					
Latimer County, 15	0730CST	0	0	3	TSTM Wind
1 N Gowen					
Pittsburg County, 15	0910CST-	0	0		Flash Flood
McAlester	1010CST				

Thunderstorms developed in southeast Oklahoma during the morning of June 15th. One person was killed and another person was injured in Alderson when lightning struck in the backyard of a trailer home. The lightning also caused minor property damage at the same location. One of the storms also produced a microburst which caused wind damage 1 mile north of Gowen. Four trees ranging from 4 to 12 inches in diameter were blown down, two television antennas were blown down, and some tin was blown off a roof on a barn. All of the damage occurred at one residence on the north side of U.S. Highway 270. Heavy rains from the storms also resulted in street flooding on the south side of McAlester.

Osage County, 23	1330CST	0	0		TSTM Wind
Grainola					
Osage County, 23	1330CST	0	0		TSTM Wind (55)
Foraker					
Washington County, 23	1435CST	0	0		Hail (0.75)
Bartlesville					
Ottawa County, 23	1455CST	0	0		TSTM Wind (56)
Miami					
Ottawa County, 23	1500CST	0	0		TSTM Wind
Fairland					
Ottawa County, 23	1510CST	0	0		TSTM Wind
Wyandotte					
Rogers County, 23	1515CST	0	0		TSTM Wind
Talala					
Cherokee County, 23	1614CST	0	0		TSTM Wind (52)
Peggs					
Cherokee County, 23	1619CST	0	0		TSTM Wind (56)

Moodys

Cherokee County, 3 N Tahlequah	23	1620CST	0	0	Hail (1.00)
Cherokee County, 1 W Tahlequah	23	1635CST	0	0	TSTM Wind (61)
Cherokee County, Tahlequah	23	1640CST	0	0	TSTM Wind
Adair County, 0.5 W Proctor	23	1640CST	0	0	TSTM Wind (56)

Severe thunderstorms developed in northeast Oklahoma during the afternoon of June 23rd. The storms produced quarter size hail 3 miles north of Tahlequah and dime size hail at Bartlesville, but damaging winds were the main feature associated with the storms. Strong thunderstorm winds estimated at 65 miles an hour downed trees, tree limbs, and utility poles in Miami, and trees and tree limbs were downed in Tahlequah. Large tree limbs were downed in Grainola and Talaha. Thunderstorm winds gusted to 70 miles an hour just west of Tahlequah, and to between 60 and 70 miles an hour at Moodys. A few other locations in northeast Oklahoma received winds between 60 and 65 miles an hour.

Haskell County, Stigler	25	1000CST- 1030CST	0	0	Flash Flood
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Thunderstorms in Haskell County during the morning of June 25th produced heavy rain which resulted in street flooding in Stigler.

Ottawa County, Quapaw	29	0330CST	0	0	TSTM Wind
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An isolated severe thunderstorm developed in Ottawa County during the early morning of June 29th. The storm produced strong winds which downed 2 inch diameter tree limbs in Quapaw.