



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

OKLAHOMA, Western, Central and Southeast

** • • • • • • • • • • • • • • • • • •									
Kay County Tonkawa	10	1255CST	0	0		Hail (0.75)			
Kay County									
5 W Ponca City	10	1305CST	0	0	5K	Thunderstorm Wind			
	A 15x75-foot wooden horse barn was destroyed, and debris was blown into several other horse trailers.								
Kay County									
1 SW Ponca City	10	1310CST	0	0	0.50K	Thunderstorm Wind			
	Trees a	and power lines were blown down.							
Kay County									
Countywide	10	1430CST	0	0		Flash Flood			
	Severa	l roads in Kay County were closed due to high	water.						
Woods County									
16 N Freedom	10	1735CST	0	0		Thunderstorm Wind (G50)			
	measu	red at the Oklahoma Mesonet site.							
Comanche County									
Fletcher to	10	1800CST	0	0		Flash Flood			
Elgin	Flash f	2030CST looding of Tony Creek resulted in the flooding	of one hom	e and th	e emergency rescues o	f a total of 7 teenagers. Water in the			
		normally only a few inches deep, rose to an esti							
		escued as the water rose to near the foundation.	Three oth	er teens	were stranded in their	car at the intersection of Hwy 277			
	and 10	ony Creek Rd and also had to be rescued.							
Comanche County 5 E Lawton	10	1000CCT	0	0		Th J			
	10	1800CST	U	U		Thunderstorm Wind (G52)			
Caddo County 2 S Cogar	10	1815CST	0	0	20K	Thunderstorm Wind			
2 S Cogai			Ü	-					
		thunderstorm winds, probably associated with as also blown over onto a house and tin an 2x4				and patio off a trailer house. A light			
Comanche County	pole	as also elevin ever elle a lleuse and the all 2/1	oom do wel		into the ground.				
1 W Elgin	10	1830CST	0	0		Flash Flood			
- ··· g		2.5 feet of water covered U.S. Highway 277.							
C-11- C	op to .	2.3 feet of water covered 0.5. Highway 277.							
Caddo County Cyril	10	1900CST	0	0		Flash Flood			
CJIII			-	v		Tush Tioou			
	water	up to a foot deep covered roads in the business	district.						
Caddo County	10	1915CST	0	0		Flash Flood			
2 W Cyril			U	U		Flash Flood			
	A brid	ge was partially washed out by high water.							
Comanche County	10	2100 CCT				E1 1 E1 1			
Fletcher	10	2100CST	0	0		Flash Flood			
	Water	rose curb-deep across town and covered sidewa	ılks in som	e places.					
Comanche County									
1 W Elgin	10	2145CST	0	0		Flash Flood			
	U.S. H	lighway 277 was closed due to high water.							

Summary of events of July 10, 1997:

Two areas of severe and heavy thunderstorms in northern and southwestern Oklahoma caused serious flash flooding and isolated wind damage during the afternoon and evening of the 10th.

In northern Oklahoma, severe thunderstorms caused damage west and southwest of Ponca City in Kay County and flash flooding was reported countywide across Kay County.



Blaine County 7 N Watonga

15

0900CST

National Weather Service Storm Data and Unusual Weather Phenomena



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OKLAHOMA, Western, Central and Southeast

In southwestern Oklahoma, northeastern portions of Comanche County were particularly hard-hit. Localized heavy rain resulted in the flash flooding of Tony Creek and its tributaries, stranding several motorists and residents in the Fletcher and Elgin areas. See preceding individual Storm Data entries for further details and additional reports. **Washita County** Canute Thunderstorm Wind Two tractor trailer trucks were blown over on Interstate 40, and numerous limbs were broken, trees were snapped, and power lines were downed. **Harmon County** Hollis 11 1820CST 25K Thunderstorm Wind Severe thunderstorm winds damaged fences and roofs, blew windows out, split or uprooted several trees, and destroyed one carport. **Harmon County** 3 W Gould 1830CST Thunderstorm Wind (G55) measured at the Oklahoma Mesonet site. **Jackson County** 3 E Eldorado 11 1845CST 0.40KThunderstorm Wind Power poles were blown down. **Washita County** 10 NE Willow 11 1935CST 0 Thunderstorm Wind (G56) measured at the Oklahoma Mesonet site. **Greer County** 2200CST Countywide 11 Flash Flood Water covered Highway 6 south of Granite and Highway 283 east of Mangum. Many rural roads were flooded. **Jackson County** 6 W Blair 11 2230CST 0 Flash Flood Rural roads were closed due to high water. **Kiowa County** 6 S Lone Wolf 2230CST Flash Flood A farm road was closed due to high water. Summary of events of July 11, 1997: Afternoon and evening severe thunderstorms moved across portions of southwestern Oklahoma, bringing strong winds and significant damage. By late evening, extended periods of heavy rain also began to cause flash flooding. The strongest winds were measured near Willow in Greer County, where thunderstorm winds reached 64 mph. Damage was reported in Canute in Washita County, in Hollis in Harmon County, and east of Eldorado in Jackson County. The most extensive flash flooding occurred in Greer County, with other reports of flash flooding near Lone Wolf in Kiowa and near Blair in Jackson County. See preceding individual Storm Data entries for further information and additional reports. **Blaine County** 2 E Southard 15 0755CST 0 Hail (1.25) **Blaine County** 15 2 E Southard 0755CST 0 0.01K**Thunderstorm Wind** Four-inch diameter tree limbs were blown down.

0

Hail (0.88)





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed		Estimated Damage Property Crops	Character of Storm	July 1997
OKLAHOMA, Western, Central and Southeast									
Comanche County Lake Lawtonka	15	1315CST			0	0		Hail (0.88)	
Garvin County	10	1313631			v	v		11an (0.00)	
Lindsay	15	1335CST			0	0		Hail (0.75)	
Mcclain County Wayne	15	1348CST			0	0		Hail (1.00)	
Mcclain County Wayne	15	1348CST			0	0	2K	Thunderstorm Wi	nd (G61)
	A roof at 70 n		a wellhouse, sev	veral trees w	ere blown o	ver, and se	everal awnings were b	blown off buildings by w	rinds estimated
Coal County 5 N Cairo	15	1435CST			0	0		Hail (0.88)	
Marshall County Madill	15	1515CST			0	0	0.40K	Thunderstorm Wi	nd
	Power	poles were blow	vn down.						
Seminole County Cromwell	15	1625CST			0	0		Hail (1.00)	
	Summ	ary of events of	July 15, 1997:						
	Daytin	ne severe thunde	erstorms moved	l across porti	ons of centr	al and sou	thern Oklahoma, brin	nging strong winds and l	arge hail.
	The largest reported hail fell east of Southard in Blaine County, where hail as large as half-dollars was observed. Significant wind damage occurred in Wayne in McClain County, where severe thunderstorm winds estimated at 70 mph damaged awnings, a wellhouse, and several trees. Other more minor damage was reported near Southard in Blaine County and in Madill in Marshall County.								nings, a
	See pro	eceding individu	al Storm Data	entries for fu	rther inform	nation and	additional reports.		
Kay County 3 N Braman	16	1810CST			0	0	·	Hail (0.88)	
Kay County Nardin	16	1930CST			0	0		Hail (1.75)	
Kay County Nardin	16	1935CST			0	0		Hail (1.75)	
Kay County Tonkawa	16	2020CST			0	0		Flash Flood	
	Water	to a depth of up	to three feet co	overed parts of	of town.				
Kay County Countywide	16	2100CST			0	0		Flash Flood	
	Brama	n-Bender Road	was closed east	t of Braman	and numero	us roads n	ear Blackwell were al	lso closed due to flash fl	ooding.
Kay County Ponca City	17	0200CST			0	2	35K	Lightning	
Tonca City			et fire to a hous	se, destroving				of the house were injure	d in the fire.
Kay County	8	8		,	,		· · · · · · · · · · · · · · · · · · ·	,	
Ponca City	17	0815CST			0	0		Flash Flood	
		ard Road west of all closed.	Waverly, State	e Highway ar	d Hubbard	Road at H	lighway 60, and High	land Extension just west	of Ponca City
Kay County 2 N Ponca City	17	0815CST			0	0		Flash Flood	

Radio Tower Road was closed due to flooding.





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OKLAHOMA, Western, Central and Southeast

Kay County	15	0920CCT	0	0		El-al El-al
Braman	17 Panda	0830CST r Road was closed due to high water.	0	0		Flash Flood
Kay County	Bellue	Road was closed due to high water.				
1 N Tonkawa	17	0830CST	0	0		Flash Flood
	Due to	high water, 13th Street was closed near Stink (Creek.			
Payne County 3 SE Glencoe	17	1925CST	0	0		Hail (1.75)
Payne County Yale	17	1933CST	0	0	80K	Lightning
	Lightn	ing struck and set fire to a house, destroying the	home and	its con	tents.	
Payne County						
Cushing	17	2100CST	0	0	0.01K	Thunderstorm Wind
	Severe	thunderstorm winds downed numerous tree lin	ıbs.			
Garfield County						
4 E Garber	18	0020CST	0	0		Hail (1.00)
Garfield County 4 E Garber	18	0020CST	0	0	0.01K	Thunderstorm Wind
	Limbs	up to eight inches in diameter were blown dow	n.			
Garfield County Waukomis	18	0030CST	0	0	5K	Thunderstorm Wind
	Severe	thunderstorm winds downed large trees, broke	plate glass	windov	ws, damaged signs, and	snapped numerous tree limbs.
Grant County 3 E Renfrow	18	0100CST	0	0		Hail (1.75)
Grant County 3 E Renfrow	18	0100CST	0	0	0.01K	Thunderstorm Wind
	Limbs	up to four inches in diameter were blown down				
Grant County Medford	18	0130CST	0	0	0.10K	Thunderstorm Wind
	Severe	thunderstorm winds downed a large tree at a cl	nuch.			
Lincoln County 1 S Chandler	18	0203CST	0	0		Flash Flood
	The so	outhbound lane of Highway 18 was blocked due	to high wa	ter.		
Kingfisher County		5 ,	Ü			
Hennessey	18	0300CST	0	0	50K	Lightning
	Lightn	ing struck and set fire to a lawnmower repair sh	op, comple	etely de	stroying the shop and tw	vo vehicles.
Hughes County Holdenville	18	0715CST	0	0	100K	Lightning
	Lightn	ing struck and set fire to a brick home destroy	ng the hou	co and i	te contente	

Lightning struck and set fire to a brick home, destroying the house and its contents.

Summary of events of evening of July 17, 1997 through the morning of July 18, 1997:

Nighttime thunderstorms moved through northern and central Oklahoma, producing large hail, severe winds, and flash flooding. The largest hail was reported southeast of Glencoe in Payne County, where hail reached the size of golf balls. Severe thunderstorm winds caused damage in Cushing in Payne County, in Waukomis and east of Garber in Garfield County, in Medford and east of Renfrow in Grant County. Flash flooding occurred in Lincoln County near Chandler.

See preceding individual Storm Data entries for further details and additional reports.





July 1997 Estimated
Damage
erty Crops Number of Persons Time Local/ Path Width Length (Miles) Date Character of Storm Standard (Yards Injured OKLAHOMA, Western, Central and Southeast **Kay County** 18 2058CST 0 Flash Flood Blackwell 0 Water covered Hwy 177 just south of town. **Alfalfa County** 19 0300CST 0 Flash Flood Goltry Water covered Highway 45 including the towns of Goltry, Helena, and Carrier. **Garfield County** 19 Countywide 0300CST 0 **1M** Flash Flood Numerous roads across the county were closed as water rose to depths of up to four feet. In all, nine bridges were destroyed or severely damaged and eight roads were indefinately closed due to this bridge damage. County officials estimated total losses to the county (due to road and bridge damage) at \$1,000,000. **Grant County** 2 W Nash 19 0300CST 0 Flash Flood Water washed over a small bridge on Highway 64. **Kay County** Ponca City 19 0310CST 0 0 Flash Flood Roads in and near town were completely flooded. **Noble County** 19 0347CST 0 Flash Flood 0 Countywide Water was curb-deep in towns throughout the county. **Garfield County** Lahoma 0500CST 1030CST Flash Flood Turkey Creek flooded north and east of town and resulted in the closing of Highway 412. One farmer lost 31 head of cattle in the floodwaters. Numerous other animals were injured as Turkey Creek and its tributaries rose to near-record flood levels. **Major County Eastern Half** 50K The eastern half of Major County suffered extensive damage to roads and bridges due to flash flooding. County officials estimated the county's losses at \$50,000. **Alfalfa County** 0700CST 1030CST Cherokee 19 Flash Flood Highway 64 from Jett to Cherokee was closed. **Garfield County** Enid 5K Flash Flood A major flash flood on Turkey Creek resulted in the flooding of a house and a nearby mobile home trailer and necessitated the swiftwater rescue of a family of four from this flooded home. Oklahoma County Harrah Flash Flood Several cars stalled on roads that were nearly impassable due to the high water.

Summary of events of July 19, 1997:

Slow-moving nighttime thunderstorms containing torrential rain moved across northern and central Oklahoma. With the ground already at or near saturation across much of the area, these thunderstorms triggered widespread flash flooding, particularly in north-central Oklahoma. Primarily in Garfield and eastern Major Counties, Turkey Creek, Indian Creek, and Sand Creek and their tributaries that normally only contain a scant foot of water swelled to 8 to 10 feet deep in less than 3 hours. Long time area residents could not recall a time when these creeks had ever been higher or risen as fast. Flood damage to county roads and bridges in these two counties was extensive, topping the million dollar mark.

See preceding individual Storm Data entries for further details and additional reports.





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OKLAHOMA, Western, Central and Southeast

W. G.									
Kiowa County Mountain View	21	1350CST	0	0	0.30K	Thunderstorm Wind			
	Severe thunderstorm winds blew down several trees and highway signs. A cotton warehouse and a barn also suffered roof damage.								
Washita County Cowden	21	1410CST	0	0		Hail (0.88)			
Greer County 5 SE Mangum	21	1455CST	0	0		Thunderstorm Wind (G62)			
	measur	ed at the Oklahoma Mesonet site							
Logan County Crescent	21	1500CST	0	0	25K	Thunderstorm Wind			
Crescen	21 1500CST 1523CST The east side of town was hardest hit by severe thunderstorm winds. Several homes and businesses were damaged by falling trees, railroad crossing light was blown down, a gas pump was blown over, and a carwash canopy was destroyed by the severe thunderstorm winds. Numerous trees and power lines were also blown down.								
Logan County Crescent	21	1510CST	0	0		Hail (0.75)			
Oklahoma County Oklahoma City	21	1557CST	0	0	1K	Thunderstorm Wind			
	A large	tree was blown by severe winds onto a house	at the 1500) block (of NW 15th Street.				
Kingfisher County 3 SE Kingfisher	21	1610CST	0	0		Hail (1.00)			
Oklahoma County									
Oklahoma City	21	1611CST	0	1	0.75K	Thunderstorm Wind			
	A perso	on was injured when a large tree fell on a mob	ile home at	the inte	rsection of NW 14th St	reet and Classen Boulevard.			
Oklahoma County Oklahoma City	21	1613CST	0	0		Flash Flood			
	People	had to be rescued from their stranded vehicle	at the inter	section o	of NW 23rd and Cross S	Street.			
Oklahoma County Oklahoma City	21	1623CST	0	0	0.50K	Thunderstorm Wind			
	Trees a	nd power poles were blown over on the 1400	block of N	W 100th	Street.				
Oklahoma County Oklahoma City	21	1630CST	0	1	1K	Lightning			
		ng struck and split a tree at NW 15th Street are by, injuring the driver of the van.	d Classen	Blvd. T	he falling tree hit the w	indshield of a minivan as it was			
Oklahoma County Oklahoma City	21	1651CST	0	0		Flash Flood			
	People	had to be rescued from their stranded vehicle	at the inter	section o	of Kentucky and Linwoo	od Streets.			
Payne County Perkins	21	1710CST	0	0		Hail (0.88)			
Noble County 7 SE Red Rock	21	1740CST	0	0		Thunderstorm Wind (G50)			
	measur	ed at the Oklahoma Mesonet site							
Noble County 7 SE Red Rock	21	1745CST	0	0		Thunderstorm Wind (G50)			
	measur	ed at the Oklahoma Mesonet site							
	Summa	ary of events of July 21, 1997:							





Time Path Path Width Persons Damage
Location Date Standard (Miles) (Yards) Killed Injured Property Crops Character of Storm

OKLAHOMA, Western, Central and Southeast

Afternoon severe thunderstorms moved from southwestern Oklahoma into central and north-central Oklahoma, producing large hail and damaging thunderstorm winds. The largest hail was reported southeast of Kingfisher in Kingfisher County, where hail as large as quarters fell. The strongest measured wind speeds reached 71 mph at the Oklahoma Mesonet site southeast of Mangum in Greer County. Wind damage occurred in Mountain View in Kiowa County, in Crescent in Logan County, and in Oklahoma City in Oklahoma County.

See preceding individual Storm Data entries for further details and additional reports.

Johnston County Bromide	22	1345CST	0	0	Thunderstorm Wind (G56)
Garvin County Paoli	22	1407CST	0	0	Hail (0.88)
Garvin County Paoli	22	1407CST	0	0	Thunderstorm Wind (G61)
Pontotoc County 6 SW Fittstown	22	1500CST	0	0	Hail (0.75)
Pontotoc County 6 SW Fittstown	22	1500CST	0	0	Thunderstorm Wind (G61)
Cotton County Walters	22	1548CST	0	0	Hail (1.00)
Cotton County Temple	22	1600CST	0	0	Hail (0.88)

Summary of events of July 22, 1997:

Afternoon severe thunderstorms produced large hail and severe winds as they moved across portions of central and southern Oklahoma. Hail as large as quarters fell in Walters in Cotton County, and wind speeds reached an estimated 70 mph in Paoli in Garvin County and near Fittstown in Pontotoc County.

	See preceding individual Storm Data entries for further details and additional reports.						
Johnston County Tishomingo	29	1200CST	0	0	5.1K	Thunderstorm Wind	
		e thunderstorm winds blew a tree home north of town.	ree onto a gas meter, destre	oyed a dı	igout at the Tisho	mingo ballpark, and blew the roof off a	
Cotton County Walters	29	1620CST	0	0		Hail (1.00)	
Cotton County Walters	29	1620CST	0	0	0.02K	Thunderstorm Wind	
	A sec	tion of a six-foot wood fence w	as blown over at a private	residenc	e.		

TEXAS, North Central

Wilbarger County Vernon	10	1600CST	0	0	7K	Thunderstorm Wind
	park.	e thunderstorm winds downed trees, blew pla Power lines were blown down, and several la r's windows.				d blew the roof off the bathrooms at the city arge limb landed on a car, breaking out all of
Clay County 2 NW Bellevue	15 An 18	1650CST -wheeler was overturned on US Hwy 287 by	0 severe thu	0 inderstorm	10K winds.	Thunderstorm Wind
Clay County 2 N Bellevue	15	1655CST	0	0	30K	Thunderstorm Wind





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TEXAS, North Central

Severe thunderstorm winds destroyed one mobile home and two barns and blew siding off of several other mobile homes. A 40x40 foot sign on high beams was blown down, and the tops of eight utility poles were blown off.

Clay County 1 SE Joy

15 1727CST

) (

Hail (0.75)

Wichita County Wichita Falls

22 1435CST

0 0

Lightning

Ligtning struck and set fire to a house, completely destroying the home and its contents.

Wichita County

3 E Iowa Park 22 1445CST

0

Thunderstorm Wind

Severe thunderstorm winds blew the roof off a barn and blew a boat and camper over.

Wichita County Wichita Falls

22 1445CST

0

0

25K

75K

4K

Lightning

According to witnesses, lightning struck an antenna on a house, sending a fireball into the air which landed on a nearby apartment and set the apartment building on fire.