Stor	rm	Natio Data a							omena			
	_	Time Local/	Path Length	Path Width	Numb	ons		nage		eptember 1998		
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm			
ARKANSAS, Northwes	<u>st</u>											
ARZ029	Sebasti 04 05 Septerr	an 0000CST 2359CST iber 4 and 5, 1998	, both had rec	cord-setting h	0 eat at the Fo	0 ort Smith 1	Regional Ai	rport (KFS	Excessive Heat			
	On September 4, the high temperature of 109 degrees was the hottest temperature ever recorded in the month of September in Fort Smith. Needless to say, this was also a new record high for the day.											
	On Sep	On September 5, the high temperature of 104 degrees was enough to tie the record high for the day.										
OKLAHOMA, Eastern	L											
Washington County Dewey	01	1945CST			0	0	0.30K		Thunderstorm	Wind		
	Several trees were blown down just west of Dewey. Summary for September 1 1998:											
	in the v		stationary fro	nt. The storn					County near Dewey. the Bartlesville airp			
OKZ060	Tulsa 04 The hig the date	· ·	he Tulsa Inte	rnational Air	0 port on this	0 date was	107 degrees	, tying the	Excessive Heat previous record high	temperature for		
OKZ073	Pittsbu											
	04 07	0000CST 2359CST			0	0			Excessive Heat			
	Each day from September 4-7, 1998, produced record heat at the McAlester Regional Airport (KMLC). On September 4, the high temperature reached 110 degrees, not only breaking the daily temperature record but also making this the hottest September day on record in McAlester. In addition, the low temperature for the day was 80 degrees, making this the warmest low temperature on record for the date.											
	On September 5, the high temperature reached 102 degrees, breaking the record high temperature for the date. In addition, the low temperature for the day was 81 degrees, making this the warmest low temperature on record for the date. The low of 81 is also the warmest low temperature on record for the month of September in McAlester.											
	On September 6, the low temperature of 77 degrees tied for being the warmest low temperature on record for the date.											
0.1170.60		otember 7, the high	temperature	of 102 degre	es broke the	e record hi	gh temperat	ure for the	date.			
OKZ060	Tulsa 06	0000CST 2359CST			0	0			Excessive Heat			
		2359CST w temperature at th for this date in Tul		rnational Airj	port (KTUL) for the d	ay was 80 d	egrees. Tl	his is the warmest lov	w temperature on		
Cherokee County 15 W Tahlequah	13 14 Low-ly	2245CST 0400CST ring spots on severa	al roads in Se	quoyah State	0 Park were	0 flooded.	Water was a	t the edge	Flash Flood of the roadway on St	ate Hwy 51.		
Muskogee County Ft Gibson	13 14 George	2300CST 0700CST etown Road and se	veral county	roads were fl	0 ooded near l	0 Fort Gibse	on.		Flash Flood			
Adair County Stilwell	14	0030CST 0600CST was one foot of wa			0	0		oded.	Flash Flood			

Sto	rm	Natio Data ar						omena	
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numbe Perso Killed	ons	Estimated Damage operty Crops	Se Character of Storm	eptember 1998
OKLAHOMA, Eastern	<u>l</u>								
Cherokee County Tahlequah	14 Severa	0030CST 0500CST 1 low-water bridges	were flooded a	and there wa	0 as other stre	0 et flooding in	n and near Tahlequ	Flash Flood 1ah.	
Ottawa County 4 W Miami		0230CST 0600CST Highway 10 west of 7 roads were flooded			0 vater. Some	0 cars were sta	randed by the high	Flash Flood water. Some low-wa	ter bridges and
Sequoyah County 3 N Marble City	14 Little S	0300CST 0500CST Sallisaw Creek nortl	n of Marble Ci	ty overflow	0 ed a low-wa	0 ater crossing.		Flash Flood	
Delaware County Kansas	14 Severa	0415CST 0600CST al county roads were	flooded near t	he town of I	0 Kansas.	0		Flash Flood	
Muskogee County Muskogee	14 Severa	0430CST 0630CST al low-water bridges	were flooded a	and impassa	0 ible, while o	0 other county 1	roads were flooded	Flash Flood near Muskogee.	
	much- during Rains southe Texas, 1-3 ind	needed rainfall to ea the overnight hours on the 12th mostly a prin Oklahoma throug , but a fetch of deep	stern Oklahon , specifically c affected southe gh July and Au tropical moistu ern Oklahoma	ha by Septer on the early ast Oklahor gust. On the are was esta early on the	mber 12. A morning of na and soak he 13th, the blished fror e 13th. Ag	s is typical w the 13th and ced into the s circulation a n the Gulf of ain, most of t	ith inland tropical again on the 14th. bil readily because ssociated with Fran Mexico right into his rain soaked int	ard through eastern T systems, the heaviest of the drought that p nees had nearly dissip eastern Oklahoma, b o the soil because of t	rainfall took place lagued central and bated over northeast ringing widespread
	in an a with lo water above Some Webbe	urea roughly followin ocal amounts in exce crossings and even s flood stage on the 1 two-day rainfall tota ers Falls_3S7.33, 1	ng US Hwy 69 ess of 7 inches, ome main high 5th and 16th. Ils include (in i Miami_2NE	from Eufau causing fla ways. In a nches): Mu 7.00, Vinita	ula to Mian sh flooding ddition to th uskogee Da u_2N6.72	ni. Overnigh to commence ne flash flood vis Field (MI , Checotah)	t rainfall totals of 4 e. Most of the floo ing described abov (CO)8.08, Spavin 6.70, Wagoner6.	tch of rich moisture te to 5 inches were cor ding involved the inu ve, the Neosho River a aw Dam8.07, Okta 66, Wilburton_9ENF	nmon in this area ndation of low- at Commerce rose ha_2NE7.42,
OKZ058	Ottawa 14 17 The N	1700CST 0200CST			0	0		Flood I of 18.2 feet at 11 Al	M CDT on
Osage County 7 SW Burbank	21 Measu	1945CST ured at Oklahoma m	esonet site		0	0		Thunderstorm	Wind (G50)
Osage County Burbank	21	1956CST			0	0		Hail (0.88)	
Osage County Burbank Osage County	21	1956CST			0	0		Thunderstorm	Wind (G52)
Fairfax Osage County 2 E Fairfax	21 21	2010CST 2012CST			0 0	0 0		Hail (1.75) Hail (1.75)	



National Weather Service Storm Data and Unusual Weather Phenomena

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numl Per Killed	ber of sons Injured	Estimated Damage Property Crops	September 1998 Character of Storm			
OKLAHOMA, East	ern										
Creek County Shamrock	21	2030CST			0	0		Thunderstorm Wind (G61)			
Creek County											
Sapulpa	21	2055CST			0	0	1.5K	Thunderstorm Wind			
	Trees	Trees and power lines were blown down near Sapulpa.									
	Sumn	Summary of events for Monday, September 21, 1998:									
	northy throug strong	A broken line of severe thunderstorms developed over central Oklahoma on the evening of Sept. 21 as a cold front approached from the northwest. Some of these severe thunderstorms moved into eastern Oklahoma after 830 PM CDT. One thunderstorm moved southeast through Osage County from Burbank to Fairfax and points southeast along the Arkansas River. This thunderstorm showed signs of strong rotation, but there were no tornadoes reported with this storm. The other storm of concern moved eastward into Creek County around 930 PM CDT, producing severe reports in the form of strong winds from Shamrock to Sapulpa.									
	movir							ne of thunderstorms continued southeast, e produced widespread wind gusts of 30 to			
OKZ060	Tulsa										
	26	0000CST			0	0		Excessive Heat			
		2359CST The Tulsa International Aiport recorded a low temperature for the day of 73 degrees, tying for the warmest low temperature on record for this date.									
Creek County											
Slick	30	1610CST			0	0		Hail (2.00)			
	2-inch	hail accompanied	d by 50 to 60	mph winds.							
Creek County											
2 E Slick	30	1623CST			0	0		Thunderstorm Wind (G61)			
Creek County Edna	30	1626CST			0	0		Hail (1.00)			
Okmulgee County											
Okmulgee	30	1654CST			0	0		Thunderstorm Wind (G52)			
Cherokee County	••	1018007			^	~					
Cookson	30	1817CST			0	0		Thunderstorm Wind (G52)			
	Locat	Location: Blue Top Cafe									

Summary of events for September 30 1998:

A strong cold front moving south across eastern Oklahoma and an active upper level pattern caused widespread thunderstorm activity across northeast Oklahoma on the evening of Sept. 30. One thunderstorm became severe as it moved across Creek and Okmulgee Counties between 500 and 630 PM CDT. The storm weakened as it moved across Muskogee County but restrengthened briefly over southern Cherokee County. This storm had a history of 60 to 70 mph winds, and hail as large as hen eggs over southeast Creek County.