

OKLAHOMA MONTHLY SUMMARY APRIL 1995

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MONTHLY SUMMARY FOR APRIL 1995

The capriciousness of springtime weather in Oklahoma was very evident during April as tornadoes, snow, a hard freeze and temperatures in the high 90s all were reported during one three-day period. Overall, the state was cooler and wetter than normal during the month, although many areas of the northwest received much less than normal precipitation. Based on preliminary data, the average temperature for the month was 58.3 degrees (2.4 degrees below normal), the 24th coolest April since 1893. The statewide averaged monthly precipitation of 4.39 inches was 1.30 inches greater than normal, the state's 22nd greatest April precipitation. The average temperature through the four months of 1995 is 48.7 degrees (1.3 degrees greater than normal). The year-to-date precipitation total of 9.93 inches is 1.03 inches above normal.

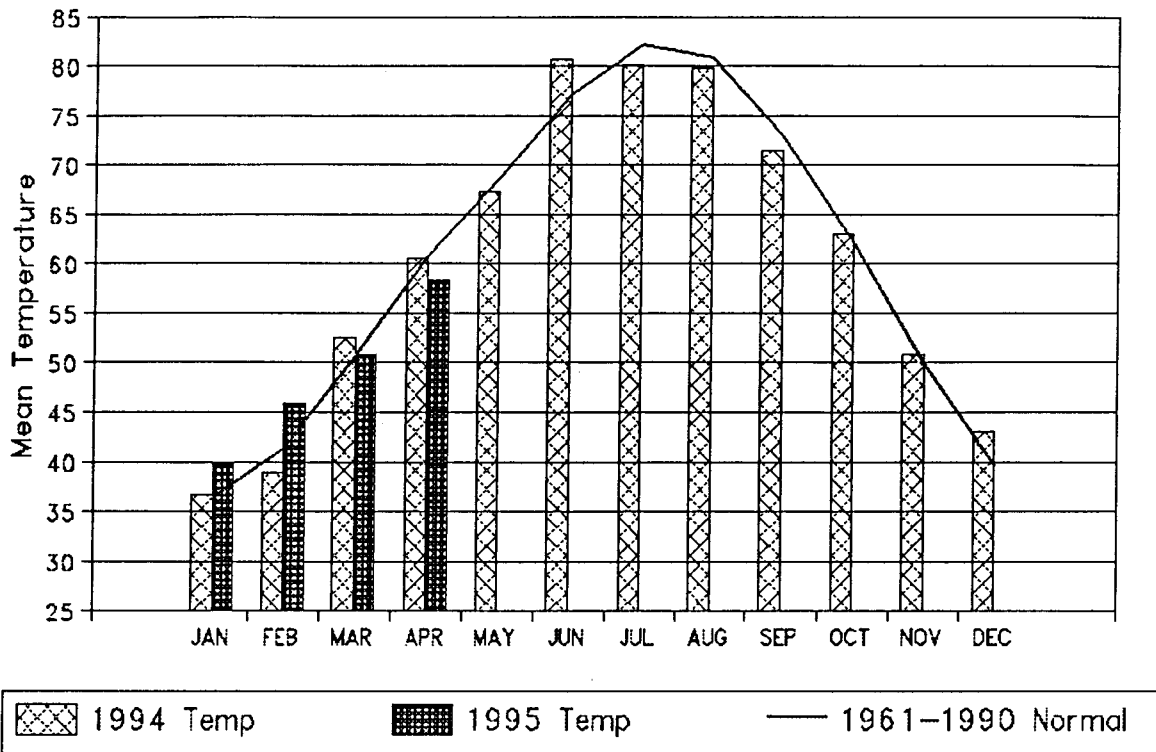
Thunderstorms developed on the 3rd in southwestern Oklahoma and moved across southern portions of the state. Large hail was reported at Temple (Cotton County) and several observers reported over two inches of rain. Afternoon temperatures in the 90s were reported over much of western Oklahoma from the 7th to the 10th, peaking at 98 degrees in Chattanooga (Comanche) on the 10th. A cold front entered northwestern Oklahoma on the 8th, bringing significantly lower temperatures and an inch of snow to Boise City (Cimarron). The front stayed in the state for two days before it moved through on the 10th. Large hail and strong thunderstorm winds were reported in many areas in central and eastern Oklahoma on the 10th. Boynton (Muskogee) reported 4.05 inches of rain and street flooding was reported in Tahlequah. Very cold air moved into northwestern Oklahoma behind the system. Temperatures in the Panhandle dropped into the teens by the morning of the 11th. The Oklahoma Mesonet site at Hooker (Texas) recorded a low of 15 degrees and the temperature at Guymon (Texas) fell to 19 degrees. The cold weather extensively damaged the wheat crop in Texas and Cimarron counties.

Beginning on the 16th, a series of storm systems moved through the state, keeping the weather unsettled for the remainder of the month. Small tornadoes struck near Avant (Osage) and Tipton (Tillman) on the 16th. A supercell thunderstorm moved from the Red River southwest of Grandfield (Tillman) through south central Oklahoma on the 17th, maintaining its structure well into northeastern Oklahoma. A number of tornadoes were reported, including southeast of Devol (Cotton), north of Temple (Cotton), near Corum (Stephens), south of Comanche (Stephens) and northwest of Joy near the Garvin/Murray county line. Other tornadoes were reported near Wewoka (Seminole), Henryetta (Okmulgee), Council Hill (Muskogee), Okay (Wagoner) and Peggs (Cherokee). Street flooding was reported in Comanche, which received 3.66 inches of rain. Hominy (Osage) and Pauls Valley (Garvin) each reported over 3 inches of rain. Local flooding, large hail and damaging winds were reported at numerous locations in the storm's path. Meanwhile, Kenton received a three inch snow between midnight and 8 AM on the 18th. Tornadoes were reported near Colcord (Delaware) and Stilwell (Sequoyah) on the 18th and near Fox (Stephens) and Haldton (Carter) on the 19th.

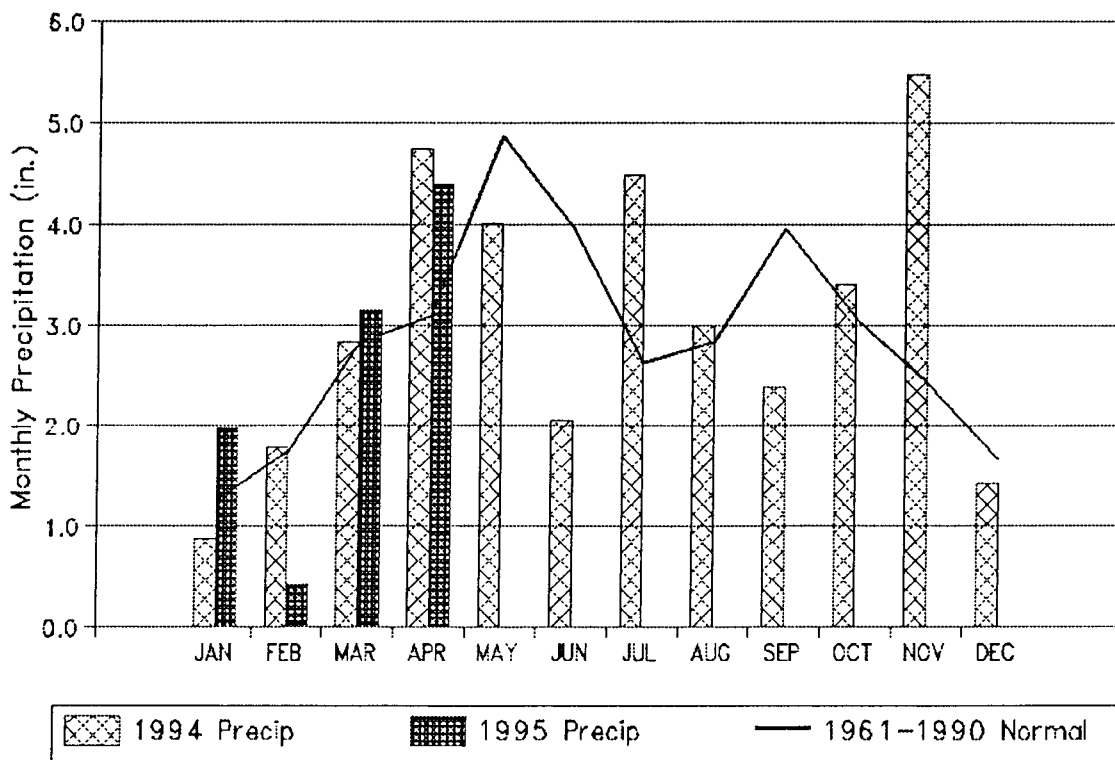
Sleet mixed with rain fell at Kenton and Arnett (Ellis) on the 22nd while thunderstorms rolled over much of southern Oklahoma. A thunderstorm produced damaging winds in Vinita (Craig) on the 24th. Other thunderstorms struck in McIntosh, Bryan and Choctaw counties on the 26th. Braman (Kay) reported 4.82 inches of rain from midnight through the morning of the 29th. That storm system also produced large hail in Kay, Osage and Mayes counties and strong winds in Grant, Washington and Rogers counties. Ponca City, (Kay), Ralston (Pawnee), Bartlesville (near Washington/Osage county line) and Keystone Dam (Tulsa) each reported over three inches of rain. Another round of thunderstorms on the 30th produced large hail in many areas of southern and eastern Oklahoma, including hailstones up to two and three-fourths inches in diameter near Talihina in LeFlore County.

Howard L. Johnson

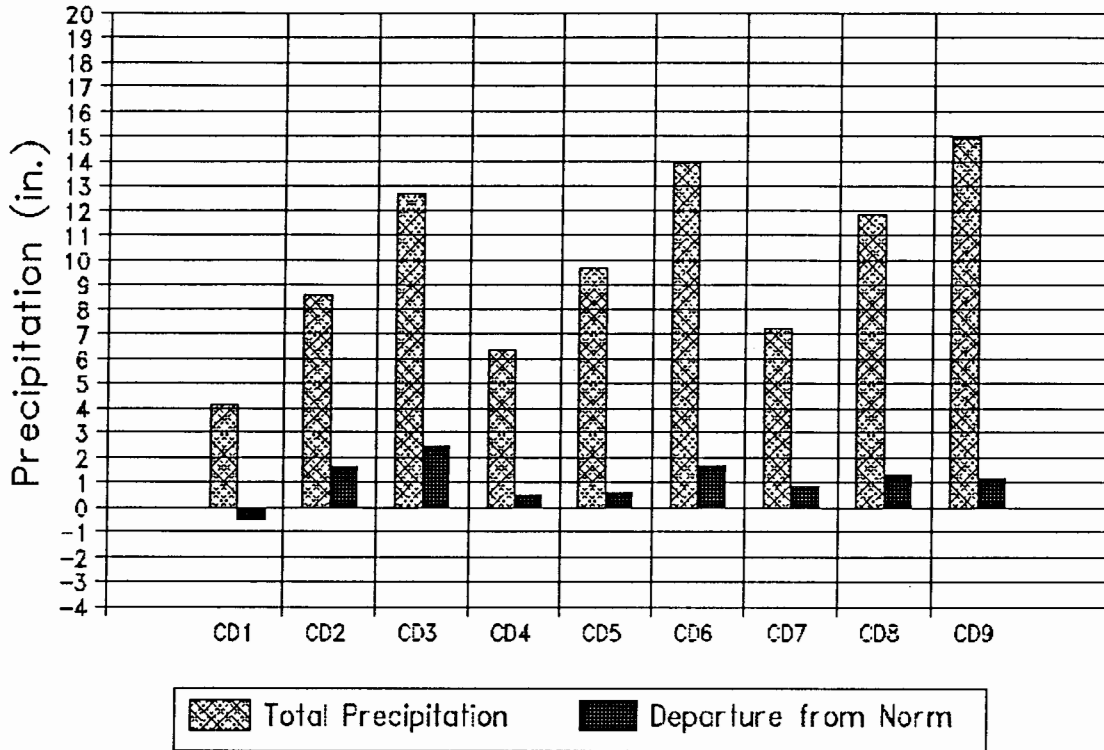
1994 and 1995 STATEWIDE TEMPERATURES Monthly Averages



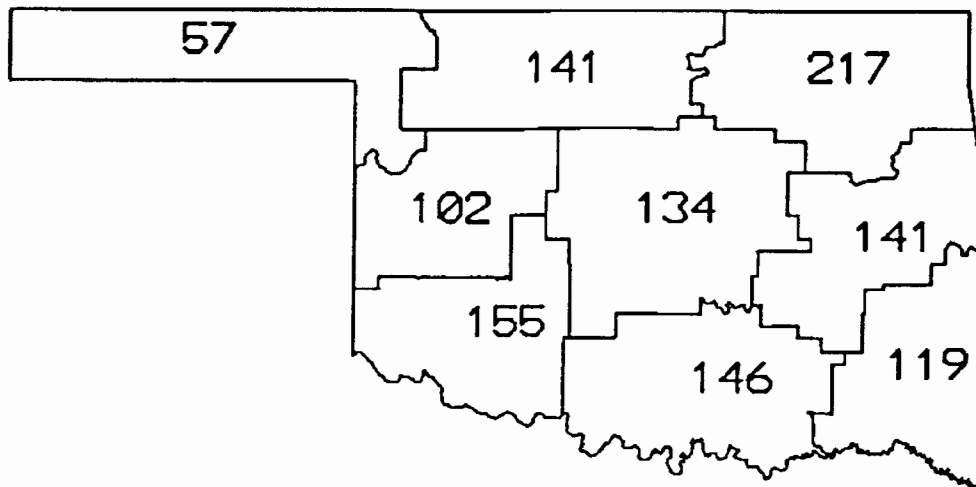
1994 and 1995 STATEWIDE PRECIPITATION Monthly Totals



CD Averaged Precipitation January through April 1995



CD PERCENT OF NORMAL PRECIPITATION



APRIL 1995

EXTREME VALUES OF TEMPERATURE AND PRECIPITATION IN EACH CLIMATE DIVISION
April 1995

CD	MAX			MIN			24-HOUR			MONTHLY	
	TEMP	DATE	LOCATION	TEMP	DATE	LOCATION	PRECIP	DATE	LOCATION	PRECIP	LOCATION
1	92	15	BEAVER	17	12	HOOKER	.89	23	FARGO	1.53	BOISE CITY
	92	8	GOODWELL								
2	93	9	FREEDOM	25	11	FT SUPPLY DAM	4.35	29	BRAMAN	7.47	BRAMAN
	93	8	WAYNOKA								
3	88	8	MANNFORD	31	11	CLEVELAND	3.50	29	RALSTON	10.85	SKIATOOK
				31	5	HULAH DAM					
				31	13	HULAH DAM					
				31	11	MANNFORD					
4	93	8	ERICK	26	11	CANTON DAM	1.10	18	CANTON DAM	3.25	TALOGA
				26	11	CLINTON					
				26	11	REYDON					
5	90	8	GUTHRIE	28	11	KINGFISHER	2.40	18	WEWOKA	6.44	CUSHING
	90	9	GUTHRIE								
6	88	10	LAKE EUFAULA	25	12	LAKE EUFAULA	4.05	11	BOYNTON	11.74	BOYNTON
7	95	8	HOLLIS	25	11	MANGUM	2.97	17	FREDERICK	5.93	FORT SILL
8	90	8	WAURIKA	30	11	MARLOW	3.66	17	COMANCHE	9.60	COMANCHE
				30	1	MCGEE CREEK					
9	87	9	HUGO	29	1	SMITHVILLE	2.23	20	BENGAL	7.27	HEAVENER

TABLE OF 1995/1996 COMPARISONS

Station	April Temperature (°F)		April Precipitation (in.)	
	1994	1995	1994	1995
Arnett	55.4	51.7	3.26	0.91
Enid	59.4	57.7	7.62	5.18
Mutual	57.8	52.8	3.25	2.07
Tulsa	59.8	59.0	6.41	5.49
Oklahoma City	59.4	56.8	3.38	3.76
McAlester	62.9	62.0	4.32	3.40
Altus Irr Sta	62.4	60.5	4.06	3.48
Ada	61.7	59.9	4.10	5.56
Hugo	64.6	65.1	5.52	4.68

EXTREMES

Variable	Station	Division	Observation	Date
Minimum temperature (°F)	Hooker	1	17	12
Maximum temperature (°F)	Hollis	7	95	8
Maximum 24-hour precipitation	Braman	2	4.35"	29

APRIL 1995 SUMMARY FOR NORTHWEST DIVISION (CD1)

NAME	ID	CD	DEV				HEAT		DEV		COOL		DEV		DEV			
			MEAN	NUM	FROM	MAX	MIN	DEG	FROM	DEG	FROM	TOT	NUM	FROM	MAX	24-HR	DAY	
			TEMP	OBS	NORM	TEMP	DAY	TEMP	DAY	DEG	NORM	DAY	NORM	PPT	OBS	NORM	24-HR	DAY
ARNETT	332	1	51.7	30	-5.4	89.	9	23.	12	403.5	143.5	4.0	-19.0	.910	30	-.87	.73	23
BEAVER	593	1	51.5	30	-4.3	92.	15	22.	12	408.0	114.0	3.0	-15.0	.981	30	-.57	.43	20
BOISE CITY 2 E	908	1	50.1	29	-5.1	83.	7	19.	11	433.0	127.0	.5	-11.5	1.531	30	.35	.47	20
BUFFALO	1243	1	56.2	30	-3.5	90.	8	25.	11	288.5	80.5	24.0	-25.0	.490	30	-1.86	.35	29
FARGO	3070	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.462	30	-.55	.89	23
GAGE FAA APT	3407	1	54.2	30	-4.5	90.	8	25.	12	338.0	117.0	14.0	-18.0	1.013	30	-.86	.41	22
GATE	3489	1	53.8	30	-3.4	90.	15	24.	12	347.0	83.0	12.5	-17.5	1.454	30	-.38	.54	23
GOODWELL RES ST	3628	1	49.8	30	-4.7	92.	8	20.	11	459.0	132.0	4.0	-8.0	.572	30	-.66	.45	20
GUYMON	3835	1	52.4	19	*****	87.	8	19.	11	247.5	*****	8.0	*****	.180	23	*****	.09	17
HOOKER	4298	1	50.7	30	-5.7	90.	15	17.	12	431.0	154.0	1.5	-17.5	.822	30	-.56	.33	20
KENTON	4766	1	51.0	30	-2.4	82.	8	23.	10	418.5	62.5	.0	-8.0	1.390	30	.18	.58	9
LAVERNE	5045	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.484	30	-.14	.86	23
REGNIER	7534	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.321	30	.23	.39	10
TURPIN 4 SSE	9017	1	50.3	28	*****	89.	16	19.	11	411.0	*****	.5	*****	1.082	28	*****	.42	20

APRIL 1995 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)

NAME	ID	CD	DEV				HEAT		DEV		COOL		DEV		DEV			
			MEAN	NUM	FROM	MAX	MIN	DEG	FROM	DEG	FROM	TOT	NUM	FROM	MAX	24-HR	DAY	
			TEMP	OBS	NORM	TEMP	DAY	TEMP	DAY	DEG	NORM	DAY	NORM	PPT	OBS	NORM	24-HR	DAY
ALVA	193	2	56.6	30	*****	91.	8	27.	11	265.5	*****	13.0	*****	2.850	30	*****	1.02	19
VANCE AFB	302	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.651	29	*****	.67	16
BILLINGS	755	2	53.2	30	-4.9	82.	15	28.	11	355.5	119.5	1.5	-27.5	3.432	30	.34	1.15	23
BLACKWELL 2E	818	2	57.9	27	*****	88.	8	33.	11	209.5	*****	19.0	*****	5.361	30	2.39	2.55	29
BRAMAN	1075	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	7.470	30	*****	4.35	29
CEDARDALE	1620	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.790	30	*****	1.02	23
CHEROKEE	1724	2	56.3	30	-3.8	89.	8	26.	11	273.5	85.5	13.5	-27.5	4.240	30	1.86	1.26	17
ENID	2912	2	57.7	30	-2.8	87.	8	27.	11	238.0	61.0	19.5	-22.5	5.180	30	2.31	1.40	18
FT SUPPLY DAM	3304	2	53.0	30	-4.2	90.	9	25.	11	369.0	107.0	8.5	-19.5	2.011	30	.27	.67	23
FREEDOM	3358	2	51.9	30	-7.9	93.	9	26.	12	405.0	207.0	11.0	-31.0	1.850	30	-.32	.72	23
GREAT SALT PLNS	3740	2	53.3	20	*****	87.	10	28.	12	233.5	*****	.0	*****	3.732	30	1.07	1.78	18
HARDY	3909	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.422	30	*****	1.00	28
HELENA 1 SSE	4019	2	53.4	30	-3.7	87.	9	27.	12	350.5	92.5	2.5	-18.5	3.681	30	1.20	1.50	18
JEFFERSON	4573	2	56.8	30	-2.9	89.	8	27.	11	264.0	64.0	19.5	-21.5	4.450	30	1.69	1.61	17
LAMONT	5013	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.101	30	*****	1.01	18
MEDFORD	5768	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.870	30	*****	1.45	17
MORRISON	6065	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.481	30	*****	1.20	23
MUTUAL	6139	2	52.8	30	-4.3	87.	9	26.	12	368.5	105.5	2.0	-24.0	2.070	30	-.36	.96	23
NEWKIRK	6278	2	55.8	30	-3.8	87.	8	29.	11	291.0	90.0	14.5	-24.5	4.742	30	1.65	2.20	29
ORIENTA	6751	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.820	30	.21	1.48	18
PERRY	7012	2	59.2	30	-2.2	89.	8	29.	11	197.0	36.0	22.0	-31.0	3.210	30	.51	1.10	23
PONCA CITY FAA	7201	2	57.6	29	-1.5	90.	8	31.	11	242.0	30.0	27.5	-7.5	5.722	29	*****	3.55	29
RED ROCK 1 NNE	7505	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.210	30	1.45	1.13	18
WAYNOKA	9404	2	55.9	30	-4.1	93.	8	27.	11	287.5	91.5	13.5	-32.5	2.380	30	.29	.86	22

APRIL 1995 SUMMARY FOR NORTHEAST DIVISION (CD3)

NAME	ID	CD	DEV				HEAT		DEV		COOL		DEV		TOT	NUM	DEV		MAX	DAY
			MEAN	NUM	FROM	MAX	MIN	DAY	DEG	FROM	DEG	FROM	DEG	FROM			FROM	NORM		
BARNSDALL	535	3	57.6	30	-3.5	84.	8	33.	13	235.0	72.0	12.5	-33.5	8.001	30	4.66	1.80	18		
BARTLESVILLE 2W	548	3	58.7	30	-2.6	85.	8	35.	13	208.0	47.0	20.0	-30.0	9.662	30	6.27	3.20	29		
BIXBY	782	3	57.2	30	-2.2	84.	10	35.	24	251.5	61.5	18.0	-4.0	5.730	30	2.20	1.60	29		
BURBANK	1256	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	7.382	30	4.62	2.88	29		
CHELSEA 4 S	1717	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	8.640	30	*****	1.99	11		
CLAREMORE	1828	3	56.5	30	-2.5	81.	9	34.	25	272.0	70.0	16.5	-5.5	8.700	30	5.15	1.68	11		
CLEVELAND 5 WSW	1902	3	59.5	30	*****	87.	8	31.	11	196.5	*****	31.0	*****	8.830	30	*****	2.47	29		
FORAKER	3250	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.710	30	2.59	1.74	18		
HOLLOW	4258	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	6.791	30	3.17	1.69	11		
HOMINY	4289	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	9.660	30	6.59	3.12	17		
HULAH DAM	4393	3	53.9	20	*****	85.	24	31.	13	222.0	*****	.0	*****	5.111	30	1.77	.98	23		
JAY TOWER	4567	3	58.2	30	*****	86.	10	35.	12	236.5	*****	31.0	*****	8.740	30	*****	2.15	11		
KANSAS 1 ESE	4672	3	58.6	29	-1.9	82.	9	34.	24	206.5	35.5	20.5	-15.5	8.073	29	*****	2.87	11		
KEYSTONE DAM	4812	3	56.7	26	*****	84.	9	33.	6	237.5	*****	21.0	*****	9.012	30	5.45	3.05	29		
LENAPAH	5118	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	8.380	30	*****	2.44	18		
MANNFORD 6 NW	5522	3	59.4	30	-2.6	88.	8	31.	11	199.0	51.0	32.0	-26.0	7.510	30	4.22	2.08	29		
MARAMEC	5540	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.460	30	2.41	1.18	23		
MIAMI	5855	3	56.6	30	-2.1	82.	9	36.	6	257.0	49.0	5.0	-14.0	5.192	30	1.16	1.62	11		
NOWATA	6485	3	56.3	30	-4.0	81.	9	36.	12	277.5	92.5	15.0	-29.0	8.870	30	5.23	1.75	29		
PAWHUSKA	6935	3	57.1	30	-3.5	85.	8	33.	14	252.0	76.0	16.0	-28.0	7.881	30	4.54	2.10	29		
PAWNEE	6940	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.320	30	2.21	1.40	17		
PRYOR 6 N	7309	3	55.7	30	-3.1	83.	10	33.	5	297.0	84.0	18.5	-8.5	6.432	30	2.52	1.78	11		
RALSTON	7390	3	58.1	30	-2.8	87.	8	33.	13	232.0	62.0	25.0	-22.0	6.550	30	3.39	3.50	29		
RAMONA 4 N	7394	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	8.180	30	*****	2.00	11		
SKIATOOK	8258	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	10.850	26	*****	2.26	17		
SPAVINAW	8380	3	60.4	30	-1.2	83.	10	37.	11	178.0	28.0	40.5	-7.5	8.911	30	4.92	2.20	11		
TULSA WSO APT	8992	3	59.0	30	-2.5	83.	8	36.	11	206.5	55.5	28.0	-18.0	5.490	30	1.77	1.58	29		
UPPER SPAVINAW	9101	3	57.8	30	*****	85.	8	34.	2	244.5	*****	27.0	*****	8.790	30	*****	2.20	10		
VINITA 2 N	9203	3	58.0	30	-1.5	83.	9	34.	25	231.0	37.0	22.5	-6.5	9.260	30	5.43	2.65	17		
WAGONER	9247	3	60.1	30	-1.7	84.	9	35.	24	172.5	34.5	26.5	-15.5	10.601	30	6.34	2.93	11		
WANN	9298	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.201	24	*****	1.28	23		
WYONOA	9792	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	7.022	30	*****	1.48	11		

APRIL 1995 SUMMARY FOR WEST CENTRAL DIVISION (CD4)

NAME	ID	CD	DEV				HEAT		DEV		COOL		DEV		TOT	NUM	DEV		MAX	DAY
			MEAN	NUM	FROM	MAX	MIN	DAY	DEG	FROM	DEG	FROM	DEG	FROM			FROM	NORM		
CANTON DAM	1445	4	53.6	30	-4.6	86.	9	26.	11	346.0	109.0	4.0	-29.0	2.700	30	.41	1.10	18		
CLINTON	1909	4	57.6	30	-3.4	89.	8	26.	11	240.5	69.5	19.5	-31.5	1.990	30	-.32	.52	3		
COLONY	2039	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.521	30	*****	.90	23		
CORDELL	2125	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.870	30	-.16	.45	23		
ELK CITY 1 E	2849	4	58.6	29	-1.7	89.	8	27.	11	204.0	26.0	17.5	-19.5	2.390	30	.33	.54	23		
ERICK 4 E	2944	4	56.9	30	-3.3	93.	8	28.	11	258.5	77.5	16.5	-20.5	2.510	30	.47	1.09	18		
GEARY	3497	4	57.9	30	-2.3	88.	8	33.	11	228.0	40.0	16.0	-28.0	2.110	30	-.30	.84	23		
HAMMON 3 SSW	3871	4	54.0	30	-4.5	91.	9	27.	11	336.0	106.0	7.5	-27.5	2.700	30	.74	.94	18		
LEEDEY	5090	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.340	30	.10	.83	22		
MACKIE 4 NNW	5463	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.930	30	*****	.84	23		
MORAVIA 2 NNE	6035	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.562	30	-.45	.36	17		
KEENE	6629	4	57.3	30	-3.7	88.	8	27.	12	247.5	75.5	15.0	-34.0	1.430	30	-.95	.71	23		
RETROP	7565	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.760	30	*****	.60	17		
REYDON	7579	4	58.0	27	*****	91.	8	26.	11	212.5	*****	23.0	*****	1.832	30	-.19	1.02	22		
SAYRE	7952	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.861	30	.94	1.06	18		
SWEETWATER 2 E	8652	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.550	28	*****	.75	23		
TALOGA	8708	4	55.0	30	-4.1	88.	8	27.	11	307.0	98.0	7.5	-24.5	3.251	30	.89	.85	23		
THOMAS	8815	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.590	30	*****	.65	17		
VICI	9172	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.490	30	.02	1.04	23		
WATONGA	9364	4	56.9	30	-3.1	90.	8	27.	11	261.0	72.0	18.0	-21.0	2.631	30	.23	.78	18		
WEATHERFORD	9422	4	56.1	30	-2.6	88.	14	28.	11	279.0	62.0	11.0	-17.0	2.340	30	.22	.64	2		

APRIL 1995 SUMMARY FOR CENTRAL DIVISION (CD5)

NAME	ID	CD	DEV				HEAT				COOL				DEV				
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	FROM NORM	MAX 24-HR DAY				
AMBER	200	5	****	0	****	****	0	****	0	****	****	****	****	****	3.880	30	****	1.60	18
ARCADIA	288	5	****	0	****	****	0	****	0	****	****	****	****	****	2.932	30	****	1.40	18
TINKER AFB	325	5	****	0	****	****	0	****	0	****	****	****	****	****	2.170	29	****	1.09	22
BLANCHARD 2 SSW	830	5	60.7	30	-1.5	88.	8	30.	11	170.5	29.5	40.5	-16.5	4.292	30	1.18	1.60	11	
BRISTOW	1144	5	59.7	30	-2.5	84.	9	32.	11	188.0	44.0	28.0	-32.0	5.442	30	2.11	1.43	23	
CHANDLER	1684	5	59.1	30	-3.0	87.	8	32.	11	201.5	60.5	25.5	-28.5	2.900	30	-.29	1.45	11	
CHICKASHA EX ST	1750	5	59.4	30	-3.1	89.	8	30.	11	205.5	70.5	37.0	-23.0	4.480	30	1.73	1.16	23	
COX CITY 1 E	2196	5	****	0	****	****	0	****	0	****	****	****	****	4.450	30	****	2.02	18	
CRESCENT	2242	5	****	0	****	****	0	****	0	****	****	****	****	4.990	30	****	1.33	23	
CUSHING	2318	5	57.8	30	-2.3	85.	10	31.	12	235.5	55.5	18.0	-15.0	6.440	30	3.13	1.97	29	
EL RENO 1 N	2818	5	58.2	30	-2.4	87.	8	29.	11	224.5	47.5	21.0	-24.0	3.150	30	.58	1.28	23	
GUTHRIE	3821	5	60.6	29	-1.2	90.	9	30.	11	169.0	17.0	42.0	-14.0	4.540	30	1.88	1.81	18	
HENNESSEY 4 ESE	4055	5	55.6	29	-4.6	84.	8	29.	12	278.5	91.5	5.5	-37.5	2.630	30	-.06	1.00	23	
INGALLS	4489	5	****	0	****	****	0	****	0	****	****	****	****	5.301	30	****	1.38	23	
KINGFISHER 2 SE	4861	5	56.6	30	-4.5	88.	8	28.	11	263.5	89.5	12.5	-44.5	3.461	30	.85	1.29	23	
KONAWA	4915	5	****	0	****	****	0	****	0	****	****	****	****	4.471	30	.39	2.13	18	
MARSHALL	5589	5	****	0	****	****	0	****	0	****	****	****	****	3.160	31	.60	1.33	18	
MEEKER 4 W	5779	5	59.0	30	-2.5	87.	8	31.	11	207.0	49.0	28.5	-27.5	4.260	30	1.00	1.41	22	
MULHALL	6110	5	****	0	****	****	0	****	0	****	****	****	****	3.590	30	****	1.38	23	
NORMAN NWS	6386	5	59.6	30	-2.9	89.	8	30.	11	197.5	69.5	35.0	-18.0	4.331	30	1.10	1.26	23	
OILTON 2 SE	6616	5	****	0	****	****	0	****	0	****	****	****	****	6.212	30	****	1.69	17	
OKEMAH	6638	5	63.1	30	1.2	86.	9	40.	11	100.5	-36.5	44.5	.5	5.410	30	1.49	1.81	11	
OKLAHOMA CTY WS	6661	5	56.8	30	-3.6	86.	8	30.	11	259.0	83.0	13.5	-24.5	3.761	30	.99	1.40	22	
PERKINS	7003	5	****	0	****	****	0	****	0	****	****	****	****	4.750	30	1.83	1.72	11	
PIEDMONT	7068	5	****	0	****	****	0	****	0	****	****	****	****	3.610	30	****	1.42	23	
PRAGUE	7264	5	****	0	****	****	0	****	0	****	****	****	****	3.661	30	-.04	1.20	17	
PURCELL 5 SW	7327	5	60.0	30	-2.4	87.	9	31.	11	184.0	52.0	34.5	-19.5	4.322	30	.71	1.50	18	
SEMINOLE	8042	5	60.9	30	-2.7	85.	9	33.	11	162.5	56.5	39.5	-24.5	5.131	30	1.31	1.47	18	
SHAWNEE	8110	5	****	0	****	****	0	****	0	****	****	****	****	3.110	30	-.87	1.38	18	
STELLA	8479	5	****	0	****	****	0	****	0	****	****	****	****	3.330	30	****	1.05	18	
STILLWATER 2 W	8501	5	57.4	30	-1.9	89.	9	30.	11	249.5	45.5	22.0	-11.0	4.412	30	1.49	1.08	23	
STROUD 1 N	8563	5	****	0	****	****	0	****	0	****	****	****	****	5.122	30	****	1.67	23	
TECUMSEH	8751	5	****	0	****	****	0	****	0	****	****	****	****	3.650	30	****	1.75	18	
UNION CITY 1 SE	9086	5	****	0	****	****	0	****	0	****	****	****	****	3.751	30	.89	1.43	18	
WELTY 1 SSE	9479	5	****	0	****	****	0	****	0	****	****	****	****	3.821	30	****	.82	23	
WEWOKA	9575	5	****	0	****	****	0	****	0	****	****	****	****	6.340	30	2.63	2.40	18	

APRIL 1995 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

NAME	ID	CD	DEV							HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN TEMP	DAY	DAY									
ASHLAND	364	6	****	0	****	****	0	****	0	****	0	****	3.910	30	****	1.57	20	
BEGGS	631	6	****	0	****	****	0	****	0	****	0	****	6.350	30	****	1.70	11	
BOYNTON	1027	6	****	0	****	****	0	****	0	****	0	****	11.740	30	****	4.05	11	
CALVIN	1391	6	****	0	****	****	0	****	0	****	0	****	3.000	30	-1.20	3.00	10	
CHECOTAH	1711	6	****	0	****	****	0	****	0	****	0	****	6.360	30	2.24	1.82	11	
CLAYTON 14 WNW	1858	6	****	0	****	****	0	****	0	****	0	****	6.380	30	****	2.33	11	
DEWAR 2 NE	2485	6	****	0	****	****	0	****	0	****	0	****	5.324	19	****	1.87	18	
DUSTIN	2690	6	****	0	****	****	0	****	0	****	0	****	4.740	30	****	1.90	11	
EUFALA	2993	6	62.2	29	-1.1	85.	9	37.	11	120.0	4.0	39.5	-25.5	7.540	29	****	1.92	10
HANNA	3884	6	61.2	28	****	85.	9	35.	24	148.5	****	43.0	****	5.541	30	1.45	1.70	11
HARTSHORNE	3946	6	****	0	****	****	0	****	0	****	****	****	****	5.340	30	****	2.04	20
HASKELL	3956	6	****	0	****	****	0	****	0	****	****	****	****	8.831	30	5.18	2.85	11
HOLDENVILLE	4235	6	60.1	30	-2.0	84.	9	33.	11	174.0	45.0	26.0	-16.0	4.771	30	.78	2.27	11
LAKE EUFAULA	4975	6	59.1	26	****	88.	10	25.	12	177.0	****	24.5	****	6.910	29	****	2.28	20
LYONS 2 N	5437	6	****	0	****	****	0	****	0	****	****	****	****	5.890	30	1.12	1.32	20
MCALESTER FAA	5664	6	62.0	30	.1	86.	14	35.	24	136.5	-5.5	46.5	-2.5	3.402	30	-.70	.93	10
MCCURTAIN 1 SE	5693	6	62.1	30	-.9	86.	9	36.	24	136.5	22.5	49.0	-5.0	4.791	30	.25	1.45	20
MUSKOGEE	6130	6	60.9	29	-1.1	84.	9	35.	24	155.5	23.5	36.0	-6.0	7.370	29	****	2.42	29
OKMULGEE W W	6670	6	57.1	29	-3.1	84.	10	34.	12	254.0	82.0	24.5	-3.5	9.082	30	4.89	2.25	18
OKTAHA 2 NE	6678	6	****	0	****	****	0	****	0	****	****	****	****	5.870	30	****	1.58	11
QUINTON	7372	6	****	0	****	****	0	****	0	****	****	****	****	6.092	26	****	1.85	19
SALLISAW 2 NW	7862	6	59.1	30	-3.2	84.	10	35.	24	206.5	75.5	29.0	-21.0	5.780	30	1.39	1.83	20
SCIPIO	7979	6	****	0	****	****	0	****	0	****	****	****	****	5.800	30	****	1.92	11
SCRAPER	7993	6	****	0	****	****	0	****	0	****	****	****	****	1.040	30	****	1.01	29
SHORT	8170	6	****	0	****	****	0	****	0	****	****	****	****	6.290	30	****	2.13	20
STILWELL 1 NE	8506	6	58.2	30	-2.1	82.	9	30.	24	224.5	49.5	20.5	-13.5	5.890	30	1.39	1.95	11
TAHLEQUAH	8677	6	59.2	30	-1.9	83.	9	31.	24	194.5	32.5	20.0	-25.0	5.630	30	1.47	2.73	10
WEBBERS FALLS	9445	6	58.8	30	-1.5	86.	10	35.	25	215.0	41.0	27.5	-5.5	6.670	30	2.47	1.93	20
WESTVILLE	9523	6	****	0	****	****	0	****	0	****	****	****	****	7.240	30	****	2.22	11
WETUMKA 3 NE	9571	6	****	0	****	****	0	****	0	****	****	****	****	6.940	30	2.70	2.98	11

APRIL 1995 SUMMARY FOR SOUTHWEST DIVISION (CD7)

NAME	ID	CD	DEV							HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN TEMP	DAY	DAY									
ALTUS IRR STA	179	7	60.5	30	-2.8	94.	8	28.	11	165.5	42.5	30.0	-42.0	3.480	30	1.56	2.34	17
ALTUS DAM	184	7	59.8	30	-1.6	94.	9	28.	11	202.5	46.5	46.0	-2.0	1.920	30	.01	.92	17
APACHE	260	7	****	0	****	****	0	****	0	****	****	****	****	5.360	30	2.76	2.00	18
ALTUS AFB	447	7	****	0	****	****	0	****	0	****	****	****	****	3.094	29	****	1.87	17
ANADARKO	224	7	59.7	30	-1.8	90.	8	29.	11	194.0	39.0	34.0	-16.0	2.531	27	****	1.00	18
CARNEGIE 2 ENE	1504	7	59.0	30	-2.6	90.	8	28.	11	211.0	57.0	30.0	-22.0	3.012	30	.65	.96	17
CHATTANOOGA	1706	7	60.7	29	-2.0	91.	9	29.	11	161.0	26.0	37.5	-28.5	4.250	30	1.72	1.42	17
DUNCAN 11 W	2668	7	****	0	****	****	0	****	0	****	****	****	****	3.860	30	****	1.87	18
FREDERICK	3353	7	59.2	28	****	93.	10	29.	11	186.5	****	23.0	****	5.130	30	2.83	2.97	17
HEADRICK	3998	7	****	0	****	****	0	****	0	****	****	****	****	4.160	30	****	2.51	16
HOBART FAA APT	4204	7	58.3	29	-3.1	91.	8	29.	11	223.0	60.0	28.0	-27.0	2.933	29	****	1.74	17
HOLLIS	4249	7	58.8	30	-4.1	95.	8	27.	11	214.5	83.5	28.0	-40.0	1.130	30	-.85	.25	17
LAWTON	5063	7	58.9	28	****	90.	9	32.	11	189.5	****	18.5	****	4.470	30	2.04	1.25	18
FORT SILL	5068	7	59.8	30	****	90.	8	32.	11	180.5	****	26.0	****	5.931	30	****	1.74	17
LOOKEBA 2 ENE	5329	7	****	0	****	****	0	****	0	****	****	****	****	2.481	30	.02	1.02	23
MANGUM RES STA	5509	7	60.3	30	-2.6	94.	8	25.	11	184.0	53.0	44.0	-24.0	1.520	30	-.27	.41	23
RANDLETT 9 E	7403	7	****	0	****	****	0	****	0	****	****	****	****	3.370	30	****	1.11	18
ROOSEVELT	7727	7	****	0	****	****	0	****	0	****	****	****	****	3.350	30	.99	2.17	17
SEDAN	8016	7	****	0	****	****	0	****	0	****	****	****	****	3.191	30	****	1.02	18
SNYDER	8299	7	****	0	****	****	0	****	0	****	****	****	****	4.271	30	2.02	2.21	17
VINSON 3 WNW	9212	7	****	0	****	****	0	****	0	****	****	****	****	1.840	30	.16	.44	17
WALTERS	9278	7	62.0	30	-1.5	90.	8	31.	11	137.0	16.0	45.5	-30.5	3.050	30	.17	1.52	18
WICHITA MT WLR	9629	7	55.6	26	****	90.	10	28.	12	245.5	****	.5	****	3.862	30	1.21	1.40	17
WILLOW	9668	7	****	0	****	****	0	****	0	****	****	****	****	1.931	30	****	.62	17

APRIL 1995 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

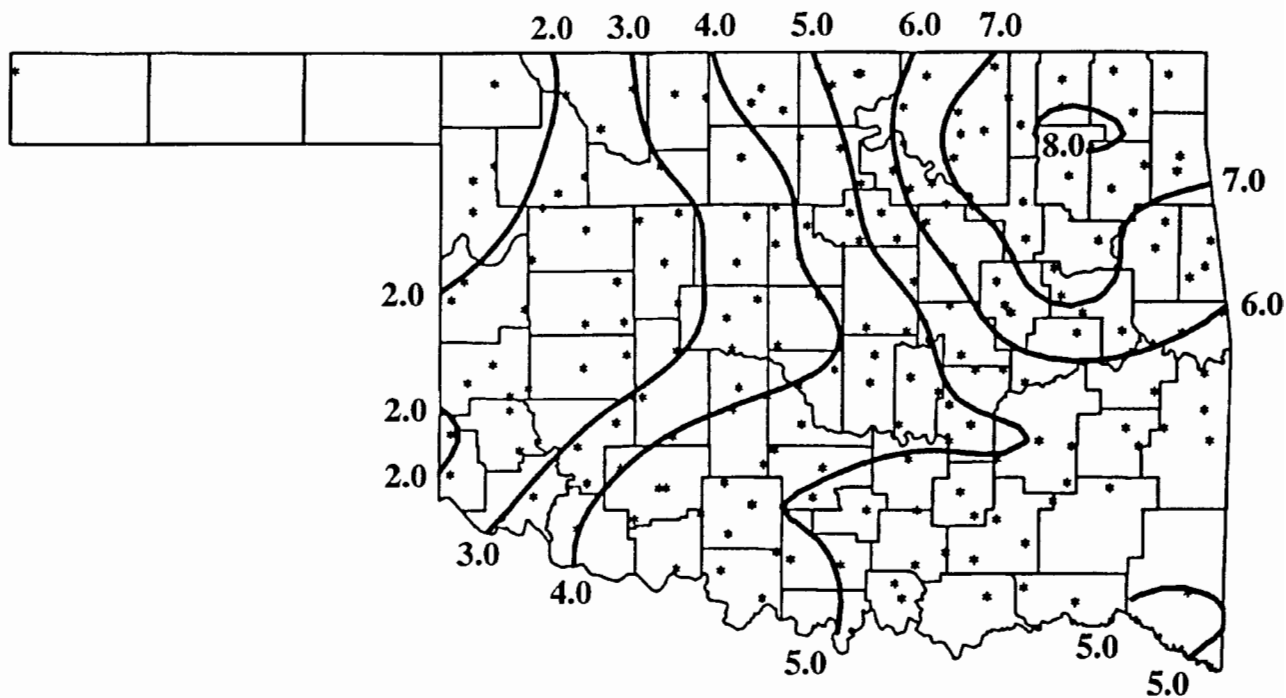
NAME	ID	CD	DEV							HEAT		DEV		COOL		DEV		TOT	NUM	DEV	MAX	24-HR	DAY
			MEAN	NUM	FROM	MAX	MIN	DAY	TEMP	DAY	DEG	FROM	DEG	FROM	DEG	FROM	PPT						
ADA	17	8	59.9	30	-2.5	83.	9	33.	12	171.5	39.5	17.5	-36.5	5.560	30	2.07	2.72	11					
ALLEN	147	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	6.030	30	*****	2.05	11					
ARDMORE	292	8	62.5	30	-2.3	84.	9	34.	11	117.0	21.0	43.0	-47.0	3.950	30	.42	1.52	4					
ATOKA DAM	394	8	59.5	20	*****	85.	10	37.	24	116.5	*****	5.5	*****	5.562	30	1.01	2.60	11					
BOKCHITO	917	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.970	30	*****	1.49	20					
CANEY	1437	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	7.280	30	*****	2.42	4					
CENTRAHOMA	1648	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.150	30	*****	1.60	20					
CHICKASAW NRA	1745	8	61.7	30	.1	86.	10	36.	24	147.0	2.0	48.0	5.0	6.150	30	2.56	2.20	11					
COLEMAN	2011	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	7.090	30	*****	2.25	4					
COMANCHE	2054	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	9.600	30	6.62	3.66	17					
DAISY 4 ENE	2354	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.471	30	.42	1.82	11					
DUNCAN	2660	8	60.0	30	-2.5	87.	9	31.	11	184.5	57.5	36.0	-16.0	6.190	30	3.20	2.20	18					
DURANT USDA	2678	8	59.5	30	-2.7	82.	10	34.	24	186.0	47.0	21.0	-34.0	5.700	30	1.46	1.74	4					
ELMORE CITY	2872	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.710	13	*****	.49	11					
GRADY	3688	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.620	30	*****	1.15	16					
HEALDTON	4001	8	62.2	30	-1.0	88.	9	33.	11	133.5	14.5	49.0	-16.0	3.790	30	.35	1.03	17					
HENNEPIN	4052	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.810	30	*****	1.24	11					
KETCHUM RANCH	4780	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.950	30	*****	1.50	18					
KINGSTON	4865	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	6.480	30	2.60	2.15	11					
LEHIGH	5108	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	6.455	30	*****	2.05	11					
LINDSAY 2 W	5216	8	61.0	30	-1.4	86.	8	32.	11	161.0	24.0	42.5	-16.5	3.450	30	.10	1.74	18					
LOCO 6 SE	5247	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.970	30	*****	1.58	17					
MADILL	5468	8	60.8	29	-2.8	82.	10	35.	11	149.5	47.5	28.0	-32.0	6.910	30	2.91	2.16	3					
MARIETTA	5563	8	63.3	30	-3	85.	9	36.	11	104.5	1.5	52.5	-8.5	4.470	30	.86	1.62	4					
MARLOW 1 WSW	5581	8	61.8	30	-5	87.	8	30.	11	147.5	14.5	51.5	-.5	4.170	30	1.25	.99	18					
MCGEE CREEK DAM	5713	8	61.3	30	*****	85.	10	30.	1	141.5	*****	31.0	*****	5.862	30	*****	1.90	4					
PAULS VALLEY	6926	8	61.3	30	-1.9	87.	8	33.	11	154.5	32.5	44.5	-23.5	5.560	30	2.11	3.10	18					
PONTOTOC	7214	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.721	30	.90	1.22	18					
TISHOMINGO NWLR	8884	8	61.6	24	*****	85.	8	34.	24	117.5	*****	36.0	*****	6.480	30	2.28	2.10	4					
TUSSY	9032	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.151	30	*****	1.90	18					
WAURIKA	9395	8	61.6	30	-2.5	90.	8	33.	11	154.0	44.0	52.5	-30.5	2.220	30	-.72	.70	3					
WAURIKA DAM	9399	8	60.8	30	*****	88.	10	32.	11	155.0	*****	28.0	*****	4.310	26	*****	1.50	17					

APRIL 1995 SUMMARY FOR SOUTHEAST DIVISION (CD9)

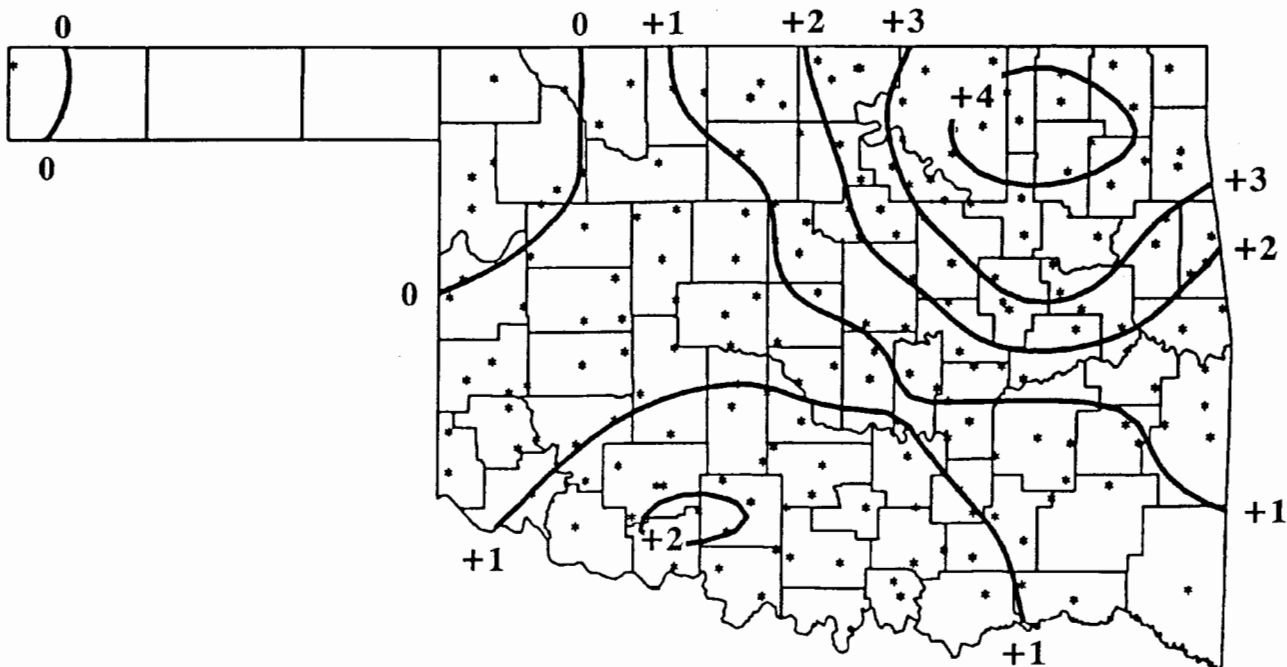
NAME	ID	CD	DEV							HEAT		DEV		COOL		DEV		TOT	NUM	DEV	MAX	24-HR	DAY
			MEAN	NUM	FROM	MAX	MIN	DAY	TEMP	DAY	DEG	FROM	DEG	FROM	DEG	FROM	PPT						
ANTLERS	256	9	61.2	30	-1.7	84.	10	32.	23	136.5	27.5	21.5	-24.5	*****	0	*****	*****	*****					
BATTIEST 1 SSW	567	9	58.3	30	*****	81.	9	30.	1	209.5	*****	7.5	*****	6.000	30	*****	1.52	4					
BEAR MT TWR	584	9	59.1	16	*****	84.	11	37.	12	94.0	*****	.0	*****	3.260	30	-1.35	1.94	4					
BENGAL	670	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.870	30	*****	2.23	20					
BOSWELL 4 NNW	980	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.366	30	.47	1.57	4					
BROKEN BOW 1 N	1162	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.550	30	.04	1.68	11					
BROKEN BOW DAM	1168	9	59.6	30	-1.9	86.	9	35.	11	171.0	34.0	9.5	-22.5	6.181	30	1.53	1.75	10					
CARNASAW TWR	1499	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.860	30	-.03	1.95	11					
CARTER TWR	1544	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.180	30	.50	1.72	4					
FANSHAW	3065	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.390	30	.78	2.10	20					
HEAVENER 1 SE	4008	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	7.270	30	2.80	1.75	19					
HEE MT TWR	4017	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.450	30	.72	1.79	11					
HUGO	4384	9	65.1	30	1.0	87.	9	41.	24	69.0	-21.0	73.0	10.0	4.681	30	.51	1.95	4					
IDABEL	4451	9	59.8	30	-2.3	85.	10	35.	1	175.5	44.5	18.0	-23.0	5.250	30	.83	1.54	11					
PINE CREEK DAM	7080	9	60.1	20	*****	85.	10	37.	3	108.0	*****	10.5	*****	3.902	20	*****	1.90	4					
POTEAU W W	7254	9	59.0	24	*****	85.	8	34.	23	163.0	*****	19.5	*****	3.750	30	*****	1.86	19					
SMITHVILLE 1 W	8285	9	57.6	30	-3.0	82.	9	29.	1	232.0	74.0	9.5	-16.5	6.301	30	1.56	1.60	11					
SPIRO	8416	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.850	30	1.49	2.08	20					
TUSKAHOMA	9023	9	61.2	30	-1.7	83.	9	31.	24	154.5	35.5	40.0	-16.0	5.082	30	.36	1.85	20					
VALLIANT 3 W	9118	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.141	30	-.20	1.67	4					
WILBURTON 9 ENE	9634	9	60.8	30	-1.2	86.	9	32.	1	161.5	22.5	35.5	-13.5	5.560	30	.86	1.47	19					

APRIL 1995 CLIMATE DIVISION SUMMARY

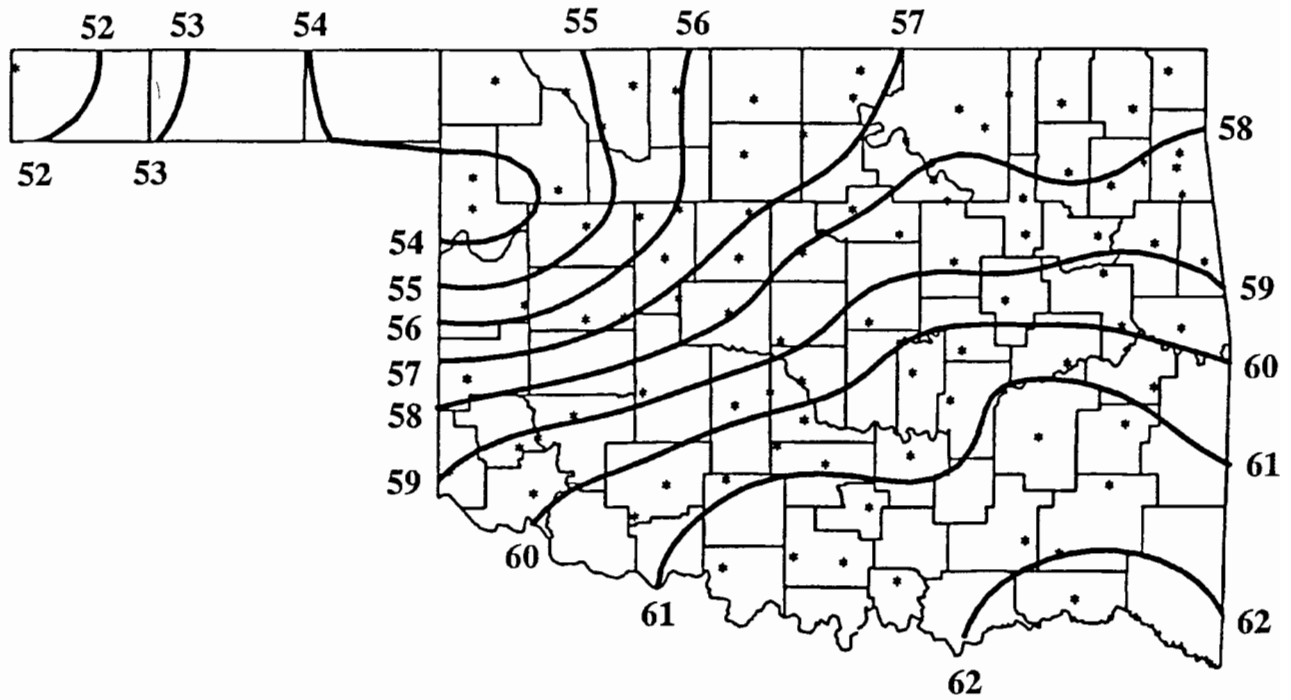
CLIMATE DIV	MEAN TEMP	NUM STA	DEV		MIN			HEAT	DEV	COOL		DEV	TOT	NUM	DEV		24-HR DAY
			FROM NORM	MAX TEMP	DAY	TEMP	DAY	DAYS	DEGREE	FROM	DEGREE	FROM	NORM	PPT	STA	NORM	
1	52.1	9	-4.3	92.0	8	17.0	12	391.8	112.6	7.1	-15.5	1.12	12	-.47	.89	23	
2	55.4	13	-3.7	93.0	8	25.0	11	300.5	86.3	13.0	-23.0	3.65	22	1.05	4.35	29	
3	58.0	18	-2.3	88.0	8	31.0	11	230.7	52.8	22.5	-15.2	7.65	29	4.13	3.50	29	
4	56.4	10	-3.4	93.0	8	26.0	11	270.8	75.0	13.3	-26.3	2.24	20	.05	1.10	18	
5	59.0	16	-2.5	90.0	9	28.0	11	206.0	53.3	28.0	-22.0	4.26	35	1.06	2.40	18	
6	60.0	10	-1.8	88.0	10	25.0	12	181.7	38.7	31.9	-12.7	5.89	25	1.70	4.05	11	
7	59.9	10	-2.3	95.0	8	25.0	11	187.3	43.8	34.9	-22.7	3.41	21	1.14	2.97	17	
8	61.3	14	-1.7	90.0	8	30.0	1	150.5	27.9	38.9	-22.0	5.39	30	1.72	3.66	17	
9	60.4	8	-2.0	87.0	9	29.0	1	163.7	40.6	26.8	-19.6	5.21	19	.69	2.23	20	



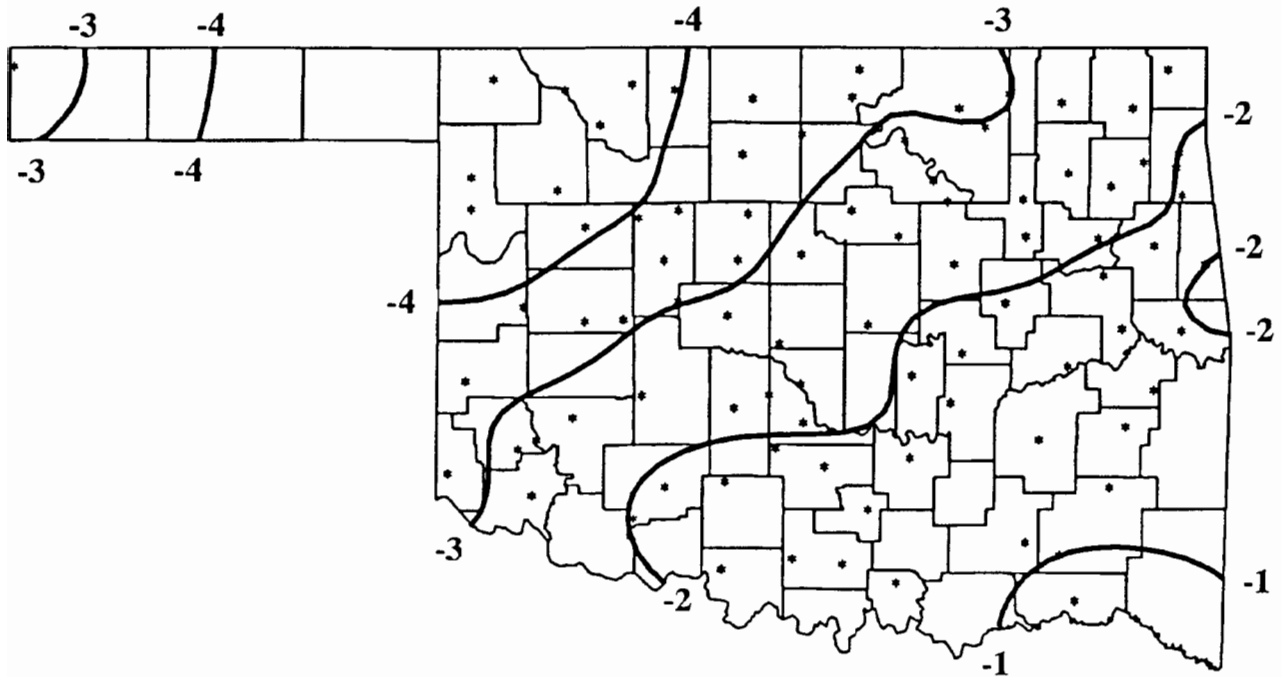
APRIL 1995 TOTAL PRECIPITATION
(Inches)



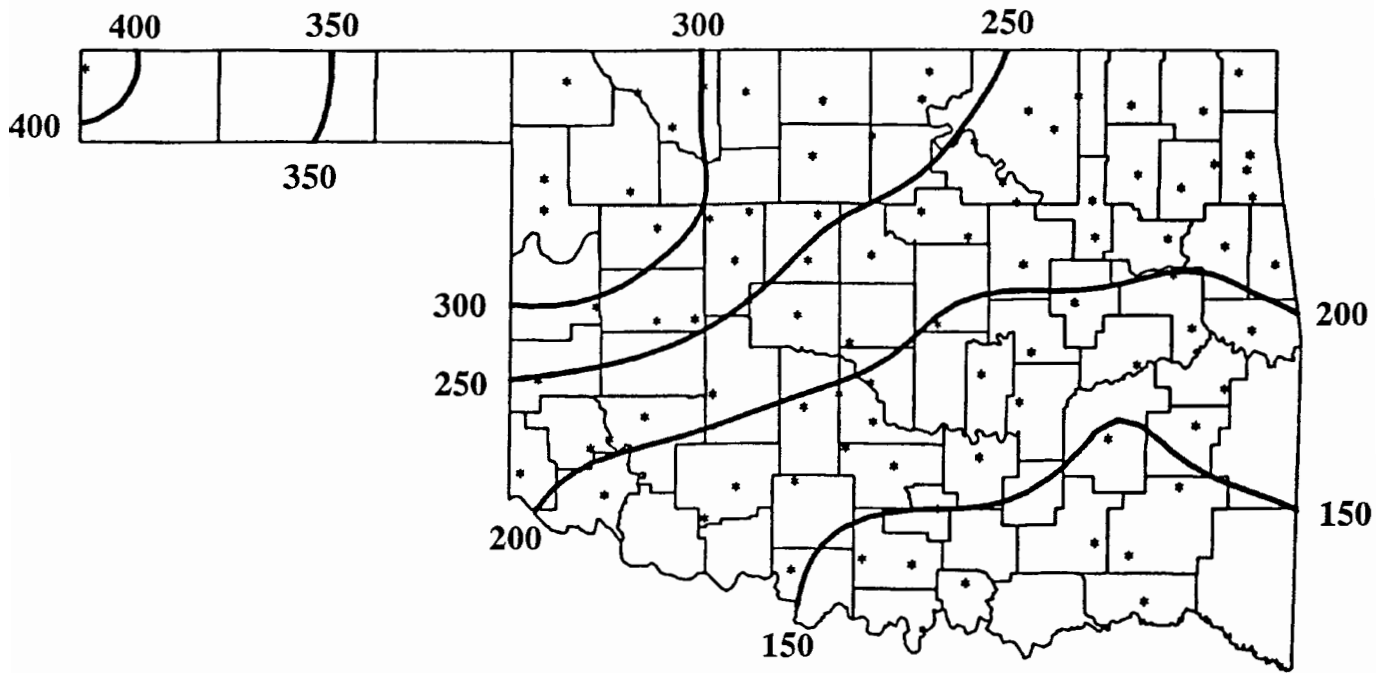
APRIL 1995 DEVIATION FROM NORMAL PRECIPITATION
(Inches)



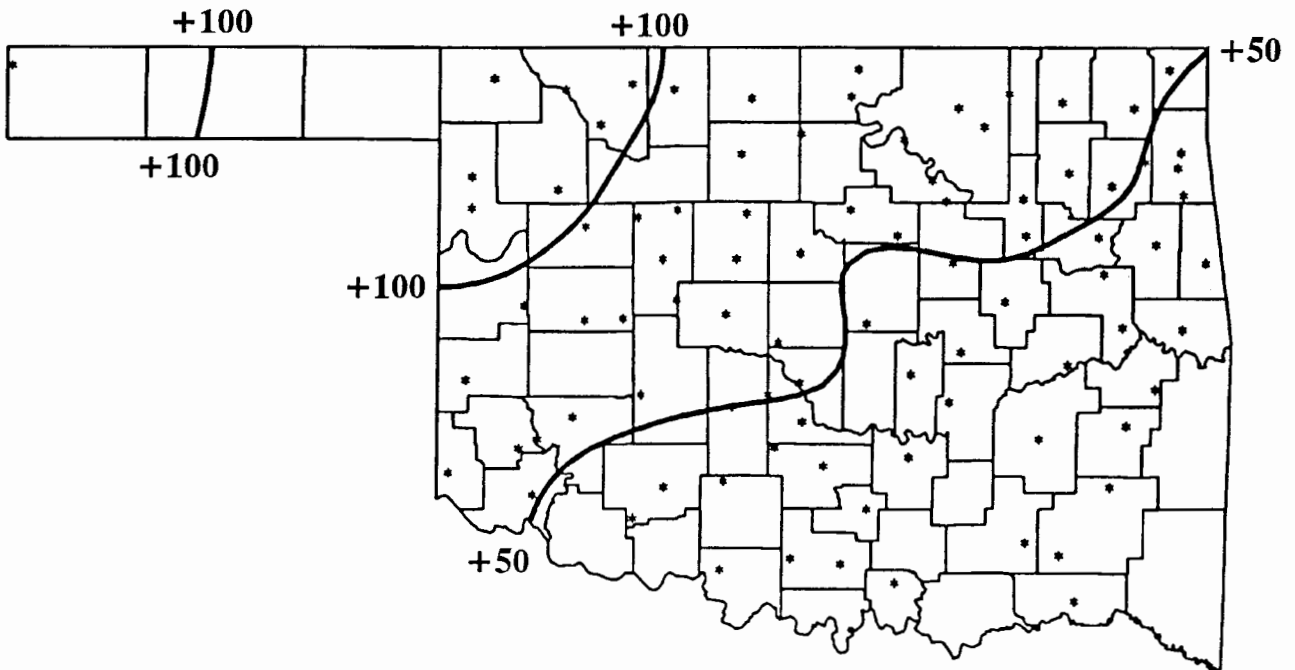
APRIL 1995 AVERAGE MONTHLY TEMPERATURES
(Degrees F)



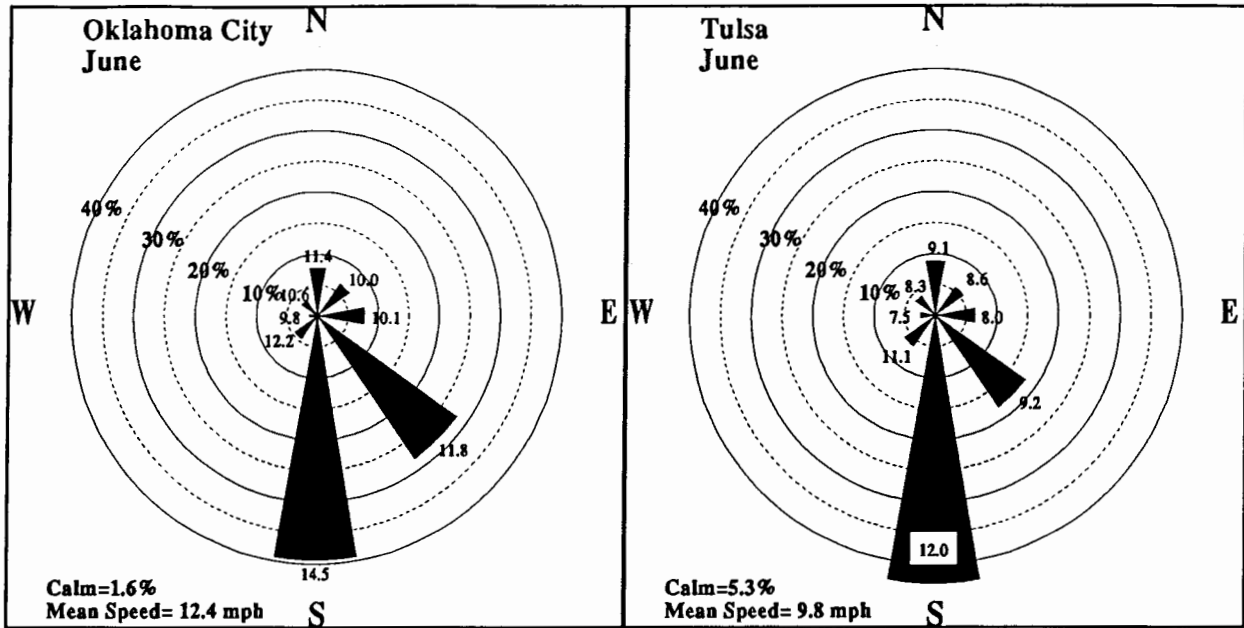
APRIL 1995 DEVIATION FROM NORMAL TEMPERATURES
(Degrees F)



APRIL 1995 HEATING DEGREE DAYS



APRIL 1995 DEVIATION FROM NORMAL HEATING DEGREE DAYS



June Wind Roses for Oklahoma City and Tulsa. Percents represent the frequency of winds from each direction. The numbers at the ends of the bars indicate the average wind speed (miles per hour) from that direction.

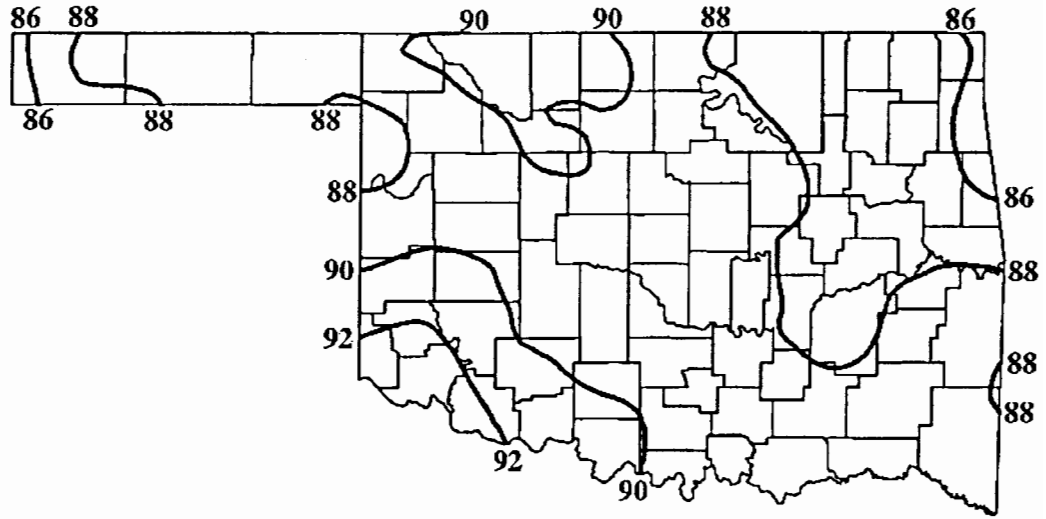
JUNE 1995 SUNRISE AND SUNSET

OKLAHOMA CITY

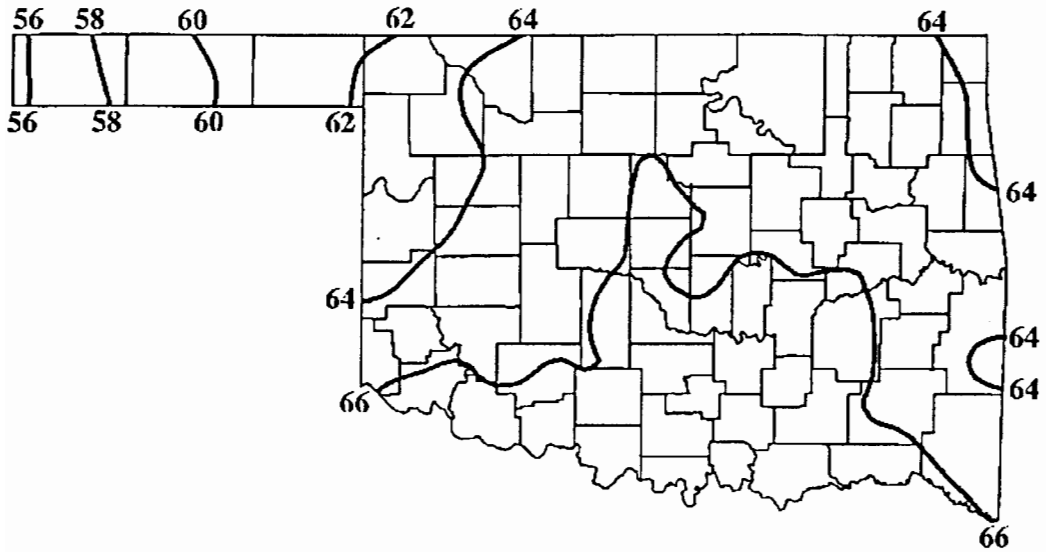
DATE	SUNRISE	SUNSET	DAYLIGHT
95 6 1	6:19AM	8:37PM CDT	14 hrs 19 mins
95 6 2	6:18AM	8:38PM CDT	14 hrs 19 mins
95 6 3	6:18AM	8:38PM CDT	14 hrs 20 mins
95 6 4	6:18AM	8:39PM CDT	14 hrs 21 mins
95 6 5	6:18AM	8:40PM CDT	14 hrs 22 mins
95 6 6	6:18AM	8:40PM CDT	14 hrs 23 mins
95 6 7	6:17AM	8:41PM CDT	14 hrs 23 mins
95 6 8	6:17AM	8:41PM CDT	14 hrs 24 mins
95 6 9	6:17AM	8:42PM CDT	14 hrs 24 mins
95 610	6:17AM	8:42PM CDT	14 hrs 25 mins
95 611	6:17AM	8:43PM CDT	14 hrs 26 mins
95 612	6:17AM	8:43PM CDT	14 hrs 26 mins
95 613	6:17AM	8:43PM CDT	14 hrs 26 mins
95 614	6:17AM	8:44PM CDT	14 hrs 27 mins
95 615	6:17AM	8:44PM CDT	14 hrs 27 mins
95 616	6:17AM	8:45PM CDT	14 hrs 28 mins
95 617	6:17AM	8:45PM CDT	14 hrs 28 mins
95 618	6:17AM	8:45PM CDT	14 hrs 28 mins
95 619	6:17AM	8:46PM CDT	14 hrs 28 mins
95 620	6:18AM	8:46PM CDT	14 hrs 28 mins
95 621	6:18AM	8:46PM CDT	14 hrs 28 mins
95 622	6:18AM	8:46PM CDT	14 hrs 28 mins
95 623	6:18AM	8:46PM CDT	14 hrs 28 mins
95 624	6:18AM	8:47PM CDT	14 hrs 28 mins
95 625	6:19AM	8:47PM CDT	14 hrs 28 mins
95 626	6:19AM	8:47PM CDT	14 hrs 28 mins
95 627	6:19AM	8:47PM CDT	14 hrs 28 mins
95 628	6:20AM	8:47PM CDT	14 hrs 28 mins
95 629	6:20AM	8:47PM CDT	14 hrs 27 mins
95 630	6:20AM	8:47PM CDT	14 hrs 27 mins

TULSA

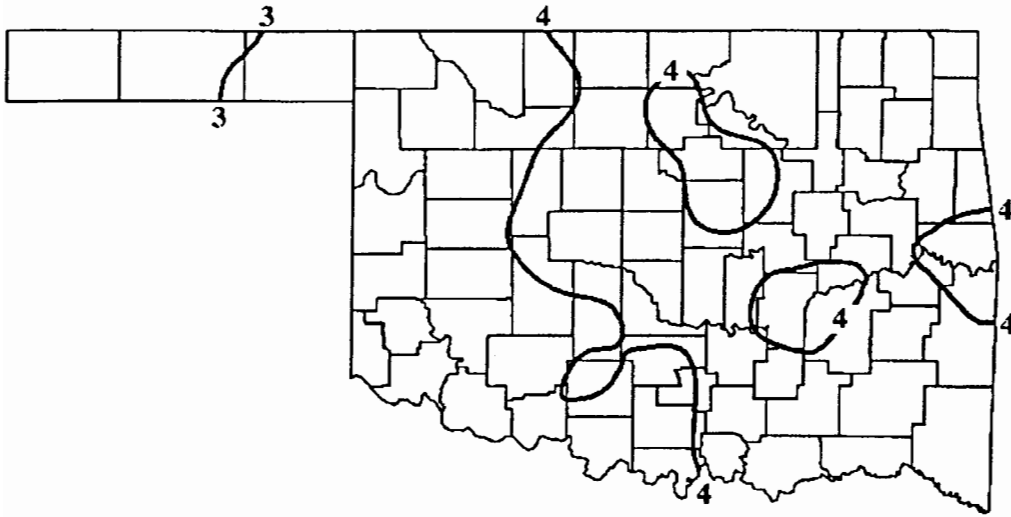
DATE	SUNRISE	SUNSET	DAYLIGHT
95 6 1	6:10AM	8:32PM CDT	14 hrs 23 mins
95 6 2	6:10AM	8:33PM CDT	14 hrs 23 mins
95 6 3	6: 9AM	8:34PM CDT	14 hrs 24 mins
95 6 4	6: 9AM	8:34PM CDT	14 hrs 25 mins
95 6 5	6: 9AM	8:35PM CDT	14 hrs 26 mins
95 6 6	6: 9AM	8:35PM CDT	14 hrs 27 mins
95 6 7	6: 8AM	8:36PM CDT	14 hrs 27 mins
95 6 8	6: 8AM	8:36PM CDT	14 hrs 28 mins
95 6 9	6: 8AM	8:37PM CDT	14 hrs 29 mins
95 610	6: 8AM	8:37PM CDT	14 hrs 29 mins
95 611	6: 8AM	8:38PM CDT	14 hrs 30 mins
95 612	6: 8AM	8:38PM CDT	14 hrs 30 mins
95 613	6: 8AM	8:39PM CDT	14 hrs 31 mins
95 614	6: 8AM	8:39PM CDT	14 hrs 31 mins
95 615	6: 8AM	8:40PM CDT	14 hrs 31 mins
95 616	6: 8AM	8:40PM CDT	14 hrs 32 mins
95 617	6: 8AM	8:40PM CDT	14 hrs 32 mins
95 618	6: 8AM	8:41PM CDT	14 hrs 32 mins
95 619	6: 8AM	8:41PM CDT	14 hrs 32 mins
95 620	6: 9AM	8:41PM CDT	14 hrs 33 mins
95 621	6: 9AM	8:41PM CDT	14 hrs 33 mins
95 622	6: 9AM	8:42PM CDT	14 hrs 33 mins
95 623	6: 9AM	8:42PM CDT	14 hrs 33 mins
95 624	6: 9AM	8:42PM CDT	14 hrs 33 mins
95 625	6:10AM	8:42PM CDT	14 hrs 32 mins
95 626	6:10AM	8:42PM CDT	14 hrs 32 mins
95 627	6:10AM	8:42PM CDT	14 hrs 32 mins
95 628	6:11AM	8:43PM CDT	14 hrs 32 mins
95 629	6:11AM	8:43PM CDT	14 hrs 32 mins
95 630	6:11AM	8:43PM CDT	14 hrs 31 mins



June Normal Daily Maximum Temperatures (°F)



June Normal Daily Minimum Temperatures (°F)



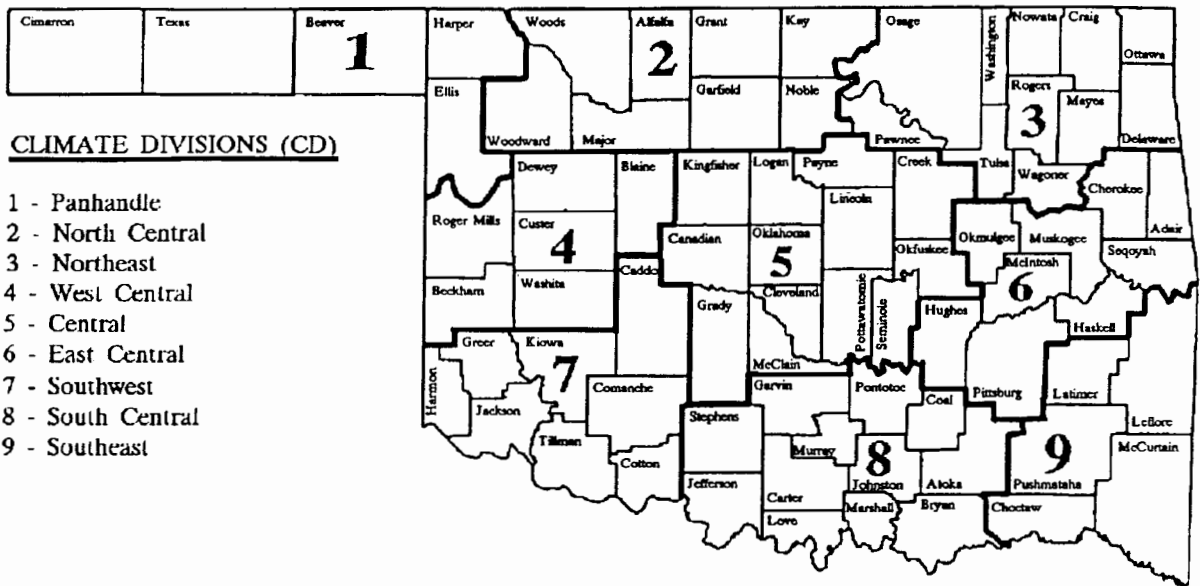
June Normal Monthly Precipitation (inches)

SEASONAL NATIONAL WEATHER SERVICE OUTLOOK

(June through August 1995)

Precipitation - Near Normal Statewide

Temperature - Above Normal Southeast
Near Normal Elsewhere



EXPLANATION OF TABLES

Two kinds of tables appear in this summary. The first is a set of tables containing all reporting stations grouped by climate division. The figure above shows the locations of the climate divisions. Each table contains the following information for each station:

- Station Name:
- Station Identification Number: These are usually assigned by the National Climatic Data Center.
- Climate Division: See the figure above.
- Number of Temperature Observations: These are the actual number of temperature reports recorded at the station during the current month. Missing observations may result in artificially high or low mean monthly temperatures.
- Deviation from Normal: The deviation of the observed mean monthly temperature from the monthly station normal. A positive value indicates the month was warmer than normal. A negative value indicates the month was cooler than normal. Normal monthly temperatures may be calculated by subtracting the deviation from the observed temperature.
- Maximum Daily Maximum: The maximum daily maximum temperature observed during the current month and year and the day which it occurred.
- Minimum Daily Minimum: The minimum daily minimum temperature observed during the current month and year and the day which it occurred.
- Heating Degree Days: HDD are calculated each day of the month for which there is a temperature report and the average temperature for the day is less than 65 degrees. Daily values are summed to arrive at a monthly total. They are a qualitative measure of how much heat was required to maintain a comfortable indoor temperature. Missing observations may result in an artificially high or low value. For February 1984 HDD would be calculated as:

$$\sum_{i=1}^{29} 65 - ((TMAX_i + TMIN_i) / 2)$$

Deviation from Normal Heating Degree Days: A positive value indicates higher than normal heating requirements for the month as a whole. A negative value indicates lower than normal heating requirements for the month as a whole. Normal HDD may be calculated by subtracting the deviation from observed HDD.

Cooling Degree Days: CDD are calculated each day of the month for which there is a temperature report and the average temperature for the day exceeds 65 degrees. Daily values are summed to give a monthly total. They are a proxy measure of how much cooling was required to maintain a comfortable indoor temperature. Missing observations may result in an artificially high or low value. For June, CDD would be calculated as:

$$\sum_{i=1}^{30} ((TMAX_i + TMIN_i) / 2) - 65$$

Deviation from Normal Cooling Degree Days: A positive value indicates higher than normal cooling requirements for the month as a whole. A negative value indicates lower than normal cooling requirements for the month as a whole. Normal cooling degree days may be found by subtracting the deviation from the observed cooling degree days.

Total Precipitation: Often incorrectly referred to as mean precipitation, this value is the sum of all precipitation reported during the month at a station. If snow occurred, it is to be melted and its water equivalent recorded.

Number of Precipitation Observations: The number of days a rain or no-rain observation was reported. Missing observations frequently result in artificially low total precipitation values.

Deviation from Normal Precipitation: A positive value indicates more rain than normal was received. A negative value indicates less than was expected rainfall was received. Normal rainfall may be calculated by subtracting the deviation from monthly total.

Maximum 24-Hour Report and Day: The maximum amount of precipitation recorded during the station's 24-hour observation period for the current month and year and the day on which it was recorded.

The second set of tables contain similar information but are the average or extreme over all the stations reporting in each climate division.

OKLAHOMA CITY CLIMATE CALENDAR

The data on this calendar are for Oklahoma City.
 Normal values are calculated for the period
 1961-1990. Extremes are found for the period
 of record (1891-present).

June 1995

Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual
80.7 max 61.7 min 25 ppt 0 hdd 7 cdd	99-1913 Highest Max 58-1903 Lowest Max 48-1982 Lowest Min 75-1943 Highest Min 3-37-1962 Greatest ppt	81.5 max 62.1 min 24 ppt 1 hdd 7 cdd	97-1910 Highest Max 56-1919 Lowest Max 46-1917 Lowest Min 74-1980 Highest Min 1-66-1973 Greatest ppt	82.8 max 62.6 min 21 ppt 0 hdd 8 cdd	95-1913 Highest Max 62-1928 Lowest Max 47-1954 Lowest Min 75-1911 Highest Min 3-90-1904 Greatest ppt	83.8 max 63.6 min 11 ppt 0 hdd 9 cdd	99-1917 Highest Max 66-1982 Lowest Max 48-1919 Lowest Min 75-1980 Highest Min 1-48-1927 Greatest ppt	85.2 max 64.0 min 9 ppt 0 hdd 10 cdd	102-1911 Highest Max 69-1989 Lowest Max 52-1917 Lowest Min 75-1990 Highest Min 3-01-1941 Greatest ppt	86.6 max 64.9 min 11 ppt 0 hdd 11 cdd	100-1911 Highest Max 66-1891 Lowest Max 51-1953 Lowest Min 78-1980 Highest Min 1-44-1908 Greatest ppt	87.2 max 66.4 min 18 ppt 0 hdd 12 cdd	100-1968 Highest Max 64-1913 Lowest Max 52-1915 Lowest Min 76-1984 Highest Min 2-60-1974 Greatest ppt	87.0 max 66.3 min 10 ppt 0 hdd 12 cdd	101-1924 Highest Max 70-1927 Lowest Max 52-1906 Lowest Min 78-1968 Highest Min 4-56-1989 Greatest ppt	88.5 max 67.2 min 18 ppt 0 hdd 13 cdd	106-1953 Highest Max 63-1927 Lowest Max 51-1947 Lowest Min 78-1953 Highest Min 3-95-1930 Greatest ppt
87.8 max 66.5 min 10 ppt 0 hdd 12 cdd	105-1953 Highest Max 71-1908 Lowest Max 55-1969 Lowest Min 79-1953 Highest Min 3-01-1930 Greatest ppt	86.7 max 66.3 min 18 ppt 0 hdd 12 cdd	106-1911 Highest Max 70-1951 Lowest Max 50-1917 Lowest Min 77-1953 Highest Min 3-59-1955 Greatest ppt	88.8 max 67.8 min 16 ppt 0 hdd 13 cdd	101-1956 Highest Max 68-1912 Lowest Max 53-1912 Lowest Min 78-1924 Highest Min 9-31-1957 Greatest ppt	89.4 max 67.8 min 9 ppt 0 hdd 14 cdd	101-1953 Highest Max 70-1920 Lowest Max 55-1926 Lowest Min 80-1953 Highest Min 1-68-1987 Greatest ppt	89.8 max 67.6 min 22 ppt 0 hdd 14 cdd	105-1953 Highest Max 73-1905 Lowest Max 51-1976 Lowest Min 77-1990 Highest Min 2-28-1958 Greatest ppt	89.8 max 68.4 min 25 ppt 0 hdd 14 cdd	104-1953 Highest Max 69-1902 Lowest Max 56-1906 Lowest Min 79-1953 Highest Min 3-28-1948 Greatest ppt	91.3 max 68.9 min 14 ppt 0 hdd 15 cdd	105-1980 Highest Max 75-1923 Lowest Max 52-1974 Lowest Min 79-1947 Highest Min 3-10-1988 Greatest ppt	91.0 max 68.3 min 4 ppt 0 hdd 15 cdd	105-1994 Highest Max 75-1904 Lowest Max 52-1974 Lowest Min 79-1947 Highest Min 2-19-1907 Greatest ppt	91.3 max 68.9 min 14 ppt 0 hdd 15 cdd	105-1980 Highest Max 75-1923 Lowest Max 52-1974 Lowest Min 79-1947 Highest Min 3-10-1988 Greatest ppt
90.0 max 68.2 min 16 ppt 0 hdd 14 cdd	107-1936 Highest Max 73-1912 Lowest Max 50-1902 Lowest Min 79-1936 Highest Min 2-38-1957 Greatest ppt	88.3 max 67.8 min 20 ppt 0 hdd 13 cdd	101-1934 Highest Max 68-1921 Lowest Max 58-1958 Lowest Min 77-1934 Highest Min 2-79-1908 Greatest ppt	88.7 max 68.3 min 21 ppt 0 hdd 14 cdd	105-1980 Highest Max 68-1967 Lowest Max 51-1974 Lowest Min 82-1911 Highest Min 2-29-1960 Greatest ppt	89.5 max 68.3 min 11 ppt 0 hdd 14 cdd	104-1918 Highest Max 69-1904 Lowest Max 50-1958 Lowest Min 81-1993 Highest Min 1-70-1985 Greatest ppt	91.0 max 68.3 min 4 ppt 0 hdd 15 cdd	105-1994 Highest Max 75-1904 Lowest Max 52-1974 Lowest Min 79-1947 Highest Min 2-19-1907 Greatest ppt	91.3 max 68.9 min 14 ppt 0 hdd 15 cdd	105-1980 Highest Max 75-1923 Lowest Max 52-1974 Lowest Min 79-1947 Highest Min 3-10-1988 Greatest ppt	91.3 max 68.9 min 14 ppt 0 hdd 15 cdd	105-1980 Highest Max 75-1923 Lowest Max 52-1974 Lowest Min 79-1947 Highest Min 3-10-1988 Greatest ppt	91.0 max 68.3 min 4 ppt 0 hdd 15 cdd	105-1994 Highest Max 75-1904 Lowest Max 52-1974 Lowest Min 79-1947 Highest Min 2-19-1907 Greatest ppt	91.3 max 68.9 min 14 ppt 0 hdd 15 cdd	105-1980 Highest Max 75-1923 Lowest Max 52-1974 Lowest Min 79-1947 Highest Min 3-10-1988 Greatest ppt
91.8 max 69.7 min 6 ppt 0 hdd 16 cdd	103-1925 Highest Max 76-1908 Lowest Max 54-1923 Lowest Min 78-1947 Highest Min 2-00-1987 Greatest ppt	91.8 max 70.4 min 6 ppt 0 hdd 16 cdd	102-1925 Highest Max 73-1923 Lowest Max 58-1923 Lowest Min 80-1960 Highest Min 2-33-1981 Greatest ppt	91.8 max 70.4 min 6 ppt 0 hdd 16 cdd	102-1925 Highest Max 73-1923 Lowest Max 58-1923 Lowest Min 80-1960 Highest Min 2-33-1981 Greatest ppt	91.8 max 70.4 min 6 ppt 0 hdd 16 cdd	102-1925 Highest Max 73-1923 Lowest Max 58-1923 Lowest Min 80-1960 Highest Min 2-33-1981 Greatest ppt	91.8 max 70.4 min 6 ppt 0 hdd 16 cdd	102-1925 Highest Max 73-1923 Lowest Max 58-1923 Lowest Min 80-1960 Highest Min 2-33-1981 Greatest ppt	91.8 max 70.4 min 6 ppt 0 hdd 16 cdd	102-1925 Highest Max 73-1923 Lowest Max 58-1923 Lowest Min 80-1960 Highest Min 2-33-1981 Greatest ppt	91.8 max 70.4 min 6 ppt 0 hdd 16 cdd	102-1925 Highest Max 73-1923 Lowest Max 58-1923 Lowest Min 80-1960 Highest Min 2-33-1981 Greatest ppt	91.8 max 70.4 min 6 ppt 0 hdd 16 cdd	102-1925 Highest Max 73-1923 Lowest Max 58-1923 Lowest Min 80-1960 Highest Min 2-33-1981 Greatest ppt	91.8 max 70.4 min 6 ppt 0 hdd 16 cdd	102-1925 Highest Max 73-1923 Lowest Max 58-1923 Lowest Min 80-1960 Highest Min 2-33-1981 Greatest ppt

JUNE AVERAGES

TEMPERATURE : 76.9°F
 PRECIPITATION : 4.36"
 HEATING DEGREE DAYS : 1
 COOLING DEGREE DAYS : 362

TULSA CLIMATE CALENDAR

June 1995

The data on this calendar are for Tulsa. Normal values are calculated for the period 1948-1992; Temperature extremes are for the period 1905-1994; precipitation extremes are for the period 1948-1994.

<p>Normal 1 Actual 82.0 max 52.0 min .21 ppt 0 hdd 7 cdd Highest Max 98-1934 Lowest Max 71-1957 Lowest Min 51-1992 Highest Min 77-1980 Greatest ppt 2.83-1963</p>	<p>Normal 2 Actual 81.0 max 63.0 min .28 ppt 0 hdd 8 cdd Highest Max 102-1911 Lowest Max 61-1970 Lowest Min 49-1907 Highest Min 76-1980 Greatest ppt 2.14-1973</p>	<p>Normal 3 Actual 82.0 max 63.0 min .13 ppt 0 hdd 8 cdd Highest Max 101-1911 Lowest Max 58-1970 Lowest Min 52-1946 Highest Min 73-1985 Greatest ppt 1.67-1982</p>	<p>Normal 4 Actual 84.0 max 64.0 min .16 ppt 0 hdd 10 cdd Highest Max 102-1911 Lowest Max 71-1982 Lowest Min 49-1954 Highest Min 75-1980 Greatest ppt 2.87-1985</p>	<p>Normal 5 Actual 84.0 max 65.0 min .24 ppt 0 hdd 10 cdd Highest Max 102-1911 Lowest Max 73-1985 Lowest Min 49-1919 Highest Min 78-1980 Greatest ppt 3.11-1952</p>	<p>Normal 6 Actual 86.0 max 65.0 min .20 ppt 0 hdd 11 cdd Highest Max 106-1911 Lowest Max 74-1989 Lowest Min 54-1950 Highest Min 77-1990 Greatest ppt 2.65-1974</p>	<p>Normal 7 Actual 87.0 max 66.0 min .15 ppt 0 hdd 12 cdd Highest Max 100-1911 Lowest Max 73-1989 Lowest Min 51-1935 Highest Min 79-1980 Greatest ppt 1.25-1956</p>
<p>Normal 8 Actual 86.0 max 68.0 min .21 ppt 0 hdd 13 cdd Highest Max 104-1911 Lowest Max 75-1971 Lowest Min 52-1915 Highest Min 79-1984 Greatest ppt 4.90-1974</p>	<p>Normal 9 Actual 87.0 max 67.0 min .12 ppt 0 hdd 12 cdd Highest Max 105-1911 Lowest Max 68-1969 Lowest Min 56-1978 Highest Min 79-1981 Greatest ppt 2.84-1979</p>	<p>Normal 10 Actual 87.0 max 67.0 min .10 ppt 0 hdd 12 cdd Highest Max 108-1911 Lowest Max 70-1955 Lowest Min 54-1955 Highest Min 75-1953 Greatest ppt 1.27-1950</p>	<p>Normal 11 Actual 88.0 max 67.0 min .15 ppt 0 hdd 13 cdd Highest Max 100-1924 Lowest Max 75-1975 Lowest Min 51-1955 Highest Min 77-1964 Greatest ppt 2.07-1967</p>	<p>Normal 12 Actual 88.0 max 68.0 min .11 ppt 0 hdd 13 cdd Highest Max 99-1953 Lowest Max 73-1985 Lowest Min 50-1913 Highest Min 77-1958 Greatest ppt 1.20-1965</p>	<p>Normal 13 Actual 88.0 max 68.0 min .07 ppt 0 hdd 13 cdd Highest Max 101-1924 Lowest Max 76-1989 Lowest Min 52-1985 Highest Min 80-1958 Greatest ppt .88-1975</p>	<p>Normal 14 Actual 89.0 max 68.0 min .21 ppt 0 hdd 14 cdd Highest Max 107-1911 Lowest Max 70-1989 Lowest Min 51-1942 Highest Min 78-1963 Greatest ppt 2.58-1961</p>
<p>Normal 15 Actual 89.0 max 68.0 min .19 ppt 0 hdd 13 cdd Highest Max 102-1924 Lowest Max 71-1961 Lowest Min 52-1933 Highest Min 77-1980 Greatest ppt 2.66-1981</p>	<p>Normal 16 Actual 87.0 max 67.0 min .08 ppt 0 hdd 12 cdd Highest Max 106-1911 Lowest Max 74-1961 Lowest Min 50-1917 Highest Min 78-1953 Greatest ppt .83-1958</p>	<p>Normal 17 Actual 88.0 max 67.0 min .17 ppt 0 hdd 13 cdd Highest Max 102-1925 Lowest Max 72-1980 Lowest Min 52-1960 Highest Min 79-1980 Greatest ppt 3.97-1980</p>	<p>Normal 18 Actual 90.0 max 69.0 min .10 ppt 0 hdd 15 cdd Highest Max 104-1918 Lowest Max 78-1976 Lowest Min 54-1912 Highest Min 80-1953 Greatest ppt 1.50-1978</p>	<p>Normal 19 Actual 89.0 max 69.0 min .06 ppt 0 hdd 14 cdd Highest Max 106-1918 Lowest Max 76-1973 Lowest Min 51-1912 Highest Min 80-1953 Greatest ppt .87-1992</p>	<p>Normal 20 Actual 90.0 max 69.0 min .09 ppt 0 hdd 15 cdd Highest Max 107-1918 Lowest Max 77-1961 Lowest Min 53-1976 Highest Min 77-1964 Greatest ppt 1.45-1978</p>	<p>Normal 21 Actual 89.0 max 69.0 min .24 ppt 0 hdd 15 cdd Highest Max 107-1936 Lowest Max 74-1978 Lowest Min 54-1961 Highest Min 78-1952 Greatest ppt 4.37-1948</p>
<p>Normal 22 Actual 90.0 max 69.0 min .14 ppt 0 hdd 15 cdd Highest Max 106-1936 Lowest Max 80-1965 Lowest Min 56-1935 Highest Min 77-1984 Greatest ppt 1.67-1985</p>	<p>Normal 23 Actual 88.0 max 69.0 min .26 ppt 0 hdd 14 cdd Highest Max 103-1934 Lowest Max 69-1948 Lowest Min 57-1920 Highest Min 77-1950 Greatest ppt 2.65-1948</p>	<p>Normal 24 Actual 89.0 max 70.0 min .09 ppt 0 hdd 14 cdd Highest Max 104-1933 Lowest Max 77-1982 Lowest Min 55-1974 Highest Min 80-1980 Greatest ppt 1.12-1968</p>	<p>Normal 25 Actual 89.0 max 70.0 min .18 ppt 0 hdd 15 cdd Highest Max 105-1933 Lowest Max 70-1987 Lowest Min 52-1974 Highest Min 80-1980 Greatest ppt 1.98-1967</p>	<p>Normal 26 Actual 90.0 max 70.0 min .15 ppt 0 hdd 15 cdd Highest Max 105-1918 Lowest Max 75-1968 Lowest Min 53-1974 Highest Min 80-1978 Greatest ppt 2.77-1949</p>	<p>Normal 27 Actual 91.0 max 69.0 min .07 ppt 0 hdd 15 cdd Highest Max 102-1980 Lowest Max 78-1985 Lowest Min 53-1968 Highest Min 80-1980 Greatest ppt 1.15-1956</p>	<p>Normal 28 Actual 91.0 max 70.0 min .17 ppt 0 hdd 16 cdd Highest Max 106-1925 Lowest Max 81-1948 Lowest Min 58-1985 Highest Min 80-1980 Greatest ppt 2.75-1977</p>
<p>Normal 29 Actual 92.0 max 71.0 min .06 ppt 0 hdd 17 cdd Highest Max 105-1925 Lowest Max 78-1973 Lowest Min 57-1923 Highest Min 80-1980 Greatest ppt 1.97-1992</p>	<p>Normal 30 Actual 91.0 max 72.0 min .14 ppt 0 hdd 17 cdd Highest Max 107-1925 Lowest Max 76-1951 Lowest Min 57-1943 Highest Min 80-1980 Greatest ppt 2.78-1951</p>	JUNE AVERAGES				
<p>TEMPERATURE : 77.7°F</p>						
<p>PRECIPITATION : 4.53"</p>						
<p>HEATING DEGREE DAYS : 0</p>						
<p>COOLING DEGREE DAYS : 391</p>						

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