

# OKLAHOMA MONTHLY SUMMARY FEBRUARY 1995

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## MONTHLY SUMMARY FOR FEBRUARY 1995

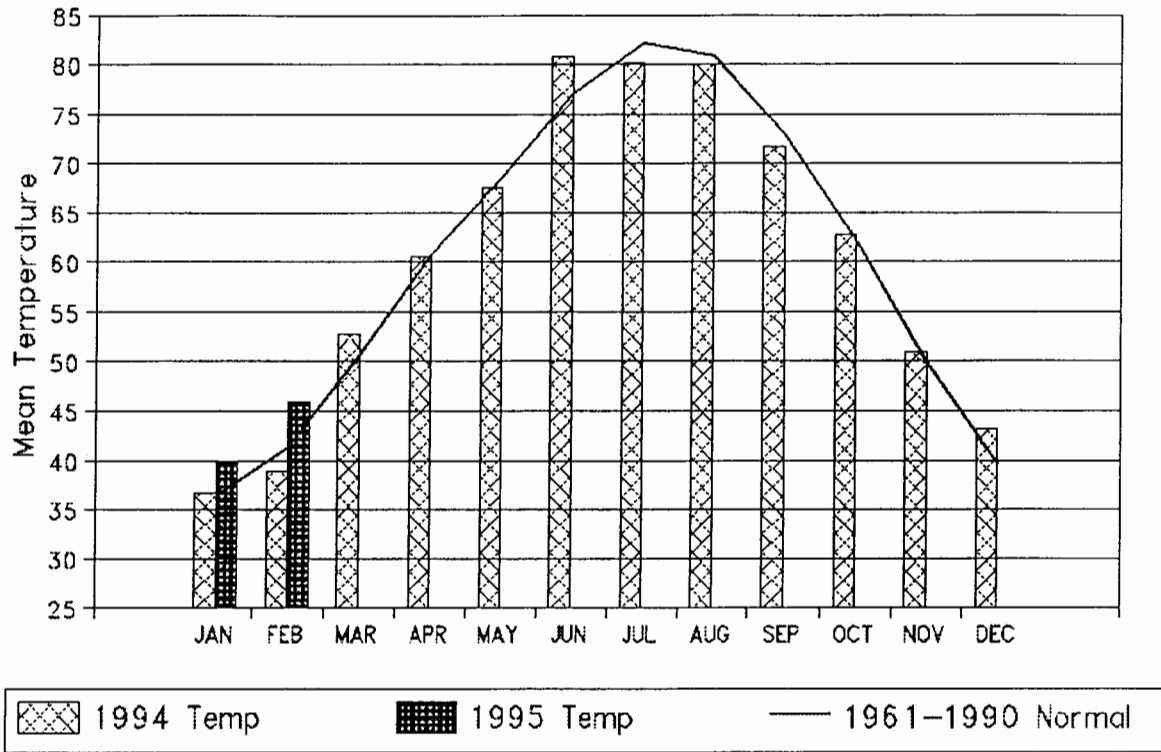
February was dry and warm in Oklahoma. Monthly precipitation averaged only 0.42 inch across the state during the month, the eighth lowest February total for the state since 1892. Statewide precipitation was 1.31 inches less than normal. Several reporting stations, mostly in western or central Oklahoma, did not receive any measurable precipitation during the month, while a number of others received all or most of their monthly totals from one or two events. Temperatures averaged 45.9 degrees, 4.6 degrees above normal, making this the 18th warmest February since 1892. Winter temperatures averaged 42.8 degrees, 3.8 degrees above normal, making the 1994-95 season Oklahoma's 11th warmest winter. Precipitation from December 1994 through February 1995 totaled 3.77 inches, 0.93 inch less than normal.

The month started warm in the west and south with several stations reporting daytime temperatures in the 80s on the 2nd. Cooler air moved into the state on the 3rd and another cold front on the 6th lowered overnight temperatures into the low teens in the northern part of the state. Kenton (Cimarron County) reported 4 inches of snow on the 10th and a high temperature of 18 degrees on the 11th as a cold front moved into the state. Light snow and freezing rain created hazardous driving conditions over most of the state over the next several days. Temperatures in the west remained below freezing from the 12th through the 14th.

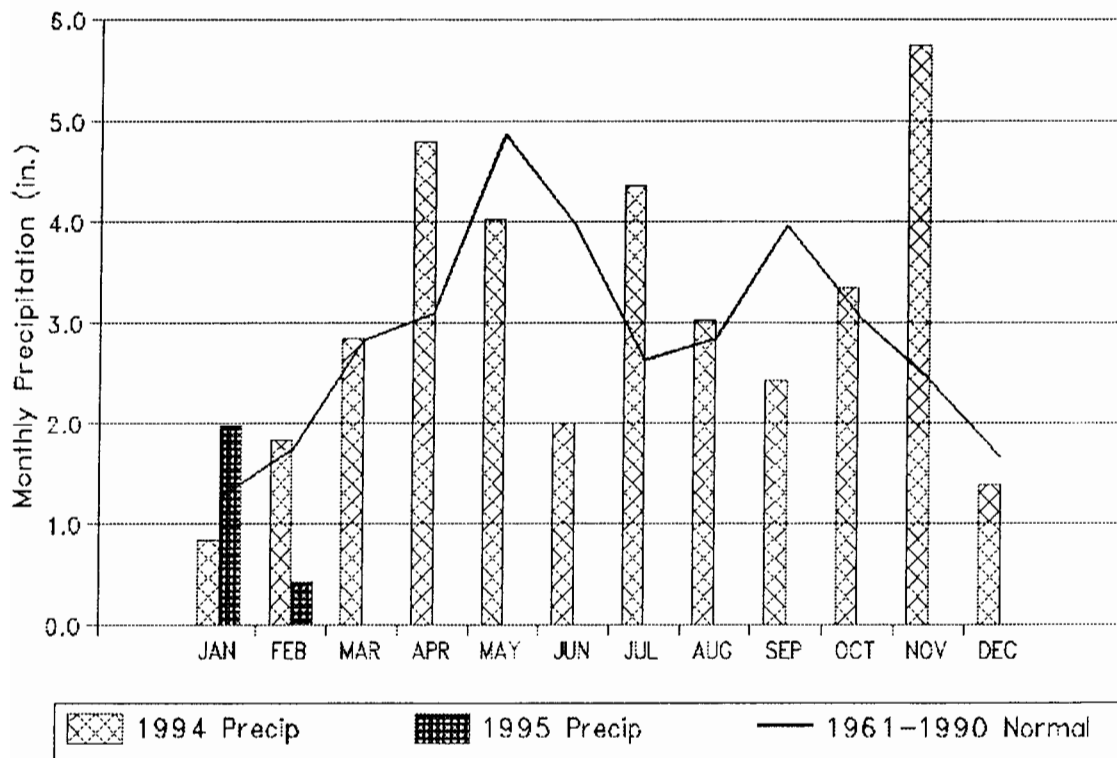
The 17th through the 24th were generally dry and mild. Daytime temperatures at many locations in the southern and western portions of the state were in the low 80s from the 20th through the 22nd. A very active storm system moved through the state on the 26th and 27th bringing significant precipitation to several areas in the northeastern quarter of the state. Thunderstorms developed in central Oklahoma on the afternoon of the 26th and moved eastward across the state. Large hail was reported in many areas from Watonga (Blaine) eastward to Hitchita (McIntosh). Golf ball-sized hail was reported at Cashion (Kingfisher) and Maramec (Pawnee) and near Castle (Okfuskee) and Beggs (Okmulgee). Maramec reported 2.22 inches of rain, Chandler (Lincoln) reported 2.10 inches and Bixby (Tulsa) received 2.00 inches. Burbank (Osage) and Stroud (Lincoln) reported 1.94 inches and 1.60 inches of precipitation, respectively. Colder air and wintry precipitation entered the state at the end of the month as Kenton reported 3 inches of snow and daily maximum temperatures in Northwestern Oklahoma were in the 20s on the 28th.

Howard L. Johnson

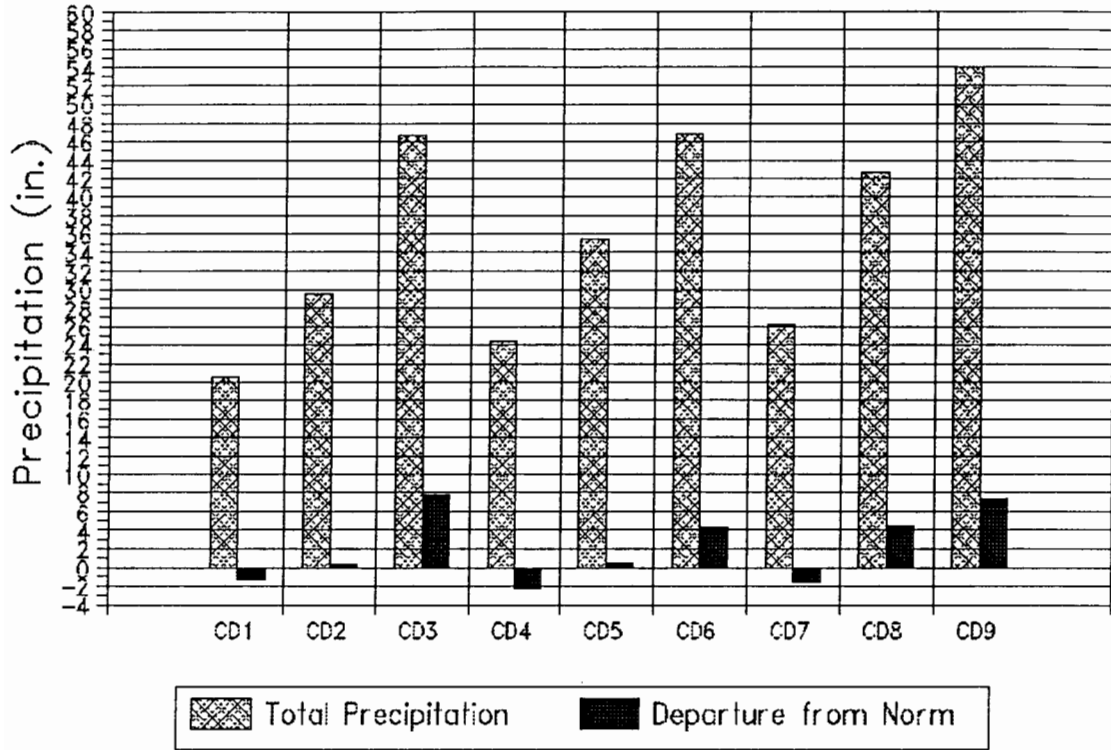
### 1994 and 1995 STATEWIDE TEMPERATURES Monthly Averages



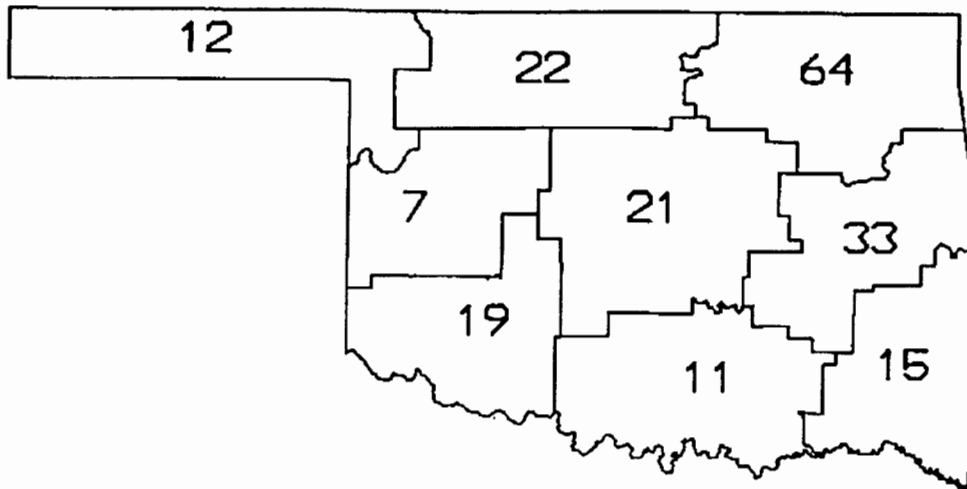
### 1994 and 1995 STATEWIDE PRECIPITATION Monthly Totals



### CD Averaged Precipitation March 1994 through February 1995



### CD PERCENT OF NORMAL PRECIPITATION



FEBRUARY 1995

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

CD	MAX			MIN			24-HOUR			MONTHLY	
	TEMP	DATE	LOCATION	TEMP	DATE	LOCATION	PRECIP	DATE	LOCATION	PRECIP	LOCATION
1	82	22	GAGE	12	8	GAGE	.20	10	KENTON	.20	KENTON
				12	17	GAGE					
2	82	22	WAYNOKA	11	9	FREEDOM	.48	27	NEWKIRK	.77	PONCA CITY
				11	17	FREEDOM					
				11	18	FREEDOM					
3	80	22	BARTLESVILLE	12	17	HULAH DAM	2.22	27	MARAMEC	2.35	MARAMEC
	80	22	RALSTON								
4	82	2	ELK CITY	13	8	REYDON	.40	14	OKEENE	.40	OKEENE
	82	2	ERICK								
	82	22	ERICK								
	82	3	HAMMON								
	82	22	REYDON								
5	82	2	OKEMAH	8	8	STILLWATER	2.10	27	CHANDLER	2.10	CHANDLER
6	83	2	MCCURTAIN	12	12	LAKE EUFAULA	1.33	27	BOYNTON	1.77	BOYNTON
7	85	2	HOLLIS	17	17	HOLLIS	.75	17	CHATTANOOGA	1.19	FREDERICK
				17	8	MANGUM					
8	84	3	MCGEE CREEK	18	8	MARLOW	.51	16	LINDSAY	.60	MARLOW
9	82	2	ANTLERS	19	18	TUSKAHOMA	.38	26	BROKEN BOW	1.15	BROKEN BOW
	82	2	TUSKAHOMA								

TABLE OF 1994/1995 COMPARISONS

Station	FEBRUARY Temperature (°F)		FEBRUARY Precipitation (in.)	
	1994	1995	1994	1995
Arnett	32.1	41.9	0.24	0.03
Mutual	32.4	42.8	0.53	0.12
Tulsa	40.1	44.6	1.88	0.57
Elk City	38.8	48.0	1.68	0.05
Oklahoma City	37.4	44.9	2.56	0.04
McAlester	44.8	47.4	2.71	0.09
Altus Irr Sta	40.7	48.5	1.17	0.13
Durant	42.2	48.4	3.31	0.14
Ada	40.0	****	1.74	****
Hugo	46.7	49.6	3.22	0.57

EXTREMES

Variable	Station	Division	Observation	Date
Minimum temperature (°F)	Stillwater	5	8	8
Maximum temperature (°F)	Hollis	7	85	2
Maximum 24-hour precipitation	Maramec	3	2.22"	27

FEBRUARY 1995 SUMMARY FOR NORTHWEST DIVISION (CD1)

Table with columns: NAME, ID CD, MEAN TEMP, NUM OBS, DEV FROM NORM, MAX TEMP, MIN DAY, HEAT DEG DAY, DEV FROM NORM, COOL DEG DAY, DEV FROM NORM, TOT PPT, NUM OBS, DEV FROM NORM, MAX 24-HR DAY. Rows include ARNETT, BUFFALO, FARGO, GAGE FAA APT, GUYMON, KENTON, LAVERNE.

FEBRUARY 1995 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)

Table with columns: NAME, ID CD, MEAN TEMP, NUM OBS, DEV FROM NORM, MAX TEMP, MIN DAY, HEAT DEG DAY, DEV FROM NORM, COOL DEG DAY, DEV FROM NORM, TOT PPT, NUM OBS, DEV FROM NORM, MAX 24-HR DAY. Rows include ALVA, VANCE AFB, BILLINGS, BRAMAN, FT SUPPLY DAM, FREEDOM, GREAT SALT PLNS, HELENA 1 SSE, JEFFERSON, LAMONT, MORRISON, MUTUAL, NEWKIRK, ORIENTA, PERRY, PONCA CITY FAA, RED ROCK 1 NNE, WAYNOKA.

FEBRUARY 1995 SUMMARY FOR NORTHEAST DIVISION (CD3)

Table with columns: NAME, ID CD, MEAN TEMP, NUM OBS, DEV FROM NORM, MAX TEMP, MIN DAY, HEAT DEG DAY, DEV FROM NORM, COOL DEG DAY, DEV FROM NORM, TOT PPT, NUM OBS, DEV FROM NORM, MAX 24-HR DAY. Rows include BARNSDALL, BARTLESVILLE 2W, BIXBY, BURBANK, CHELSEA 4 S, CLAREMORE, CLEVELAND 5 WSW, HOLLOW, HOMINY, HULAH DAM, JAY TOWER, KANSAS 1 ESE, KEYSTONE DAM, LENAPAH, MANNFORD 6 NW, MARAMEC, MIAMI, NOWATA, PAWHUSKA, PAWNEE, PRYOR 6 N, RALSTON, SKIATOOK, SPAVINAW, TULSA WSO APT, UPPER SPAVINAW, WAGONER, WANN, WYNONA.

**FEBRUARY 1995 SUMMARY FOR WEST CENTRAL DIVISION (CD4)**

NAME	ID	CD	DEV					HEAT		DEV		COOL		DEV		TOT	NUM	FROM	MAX	
			MEAN	NUM	FROM	MAX	MIN	DEG	FROM	DEG	FROM	DEG	FROM	DEG	FROM					DEG
			TEMP	OBS	NORM	TEMP	DAY	TEMP	DAY	DAY	NORM	DAY	NORM	DAY	NORM	PPT	OBS	NORM	24-HR	DAY
CANTON DAM	1445	4	44.4	26	*****	78.	3	17.	13	536.5	*****	.0	*****	.091	28	-.96	.05	13		
CLINTON	1909	4	45.9	28	4.4	79.	26	18.	17	536.0	-122.0	1.0	1.0	.023	28	-1.17	.01	27		
COLONY	2039	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.001	28	*****	.00	14		
CORDELL	2125	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.003	28	-1.20	.00	15		
ELK CITY 1 E	2849	4	48.0	28	6.9	82.	2	20.	12	477.0	-192.0	.0	.0	.051	28	-1.15	.03	12		
ERICK 4 E	2944	4	46.7	28	5.2	82.	22	16.	8	512.5	-145.5	.5	.5	.001	28	-.97	.00	12		
HAMMON 3 SSW	3871	4	43.1	28	4.3	82.	3	16.	18	612.0	-122.0	.0	.0	.000	28	-1.05	.00	28		
MORAVIA 2 NNE	6035	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.031	28	-1.13	.03	14		
OKEENE	6629	4	45.6	28	4.4	76.	3	18.	17	542.0	-124.0	.0	.0	.400	28	-.81	.40	14		
RETROP	7565	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.050	28	*****	.05	14		
REYDON	7579	4	49.2	28	9.0	82.	22	13.	8	444.5	-249.5	1.0	1.0	.001	28	-.98	.00	11		
SAYRE	7952	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.011	28	-.81	.01	15		
SWEETWATER 2 E	8652	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.000	28	*****	.00	28		
THOMAS	8815	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.200	28	*****	.20	14		
WATONGA	9364	4	45.1	28	4.8	79.	2	19.	17	558.0	-134.0	.0	.0	.383	28	-.88	.34	27		
WEATHERFORD	9422	4	46.0	25	*****	78.	21	20.	28	475.0	*****	.0	*****	.000	26	*****	.00	28		

**FEBRUARY 1995 SUMMARY FOR CENTRAL DIVISION (CD5)**

NAME	ID	CD	DEV					HEAT		DEV		COOL		DEV		TOT	NUM	FROM	MAX	
			MEAN	NUM	FROM	MAX	MIN	DEG	FROM	DEG	FROM	DEG	FROM	DEG	FROM					DEG
			TEMP	OBS	NORM	TEMP	DAY	TEMP	DAY	DAY	NORM	DAY	NORM	DAY	NORM	PPT	OBS	NORM	24-HR	DAY
AMBER	200	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.000	28	*****	.00	28		
ARCADIA	288	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.030	28	*****	.03	1		
TINKER AFB	325	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.007	28	*****	.00	28		
BLANCHARD 2 SSW	830	5	47.5	28	4.5	80.	2	20.	7	491.5	-124.5	.5	.5	.324	28	-1.43	.29	17		
BRISTOW	1144	5	46.4	28	4.4	79.	2	17.	17	520.5	-123.5	.0	.0	1.125	28	-.80	.93	27		
CHANDLER	1684	5	46.1	25	*****	81.	2	18.	12	472.0	*****	.0	*****	2.100	26	*****	2.10	27		
COX CITY 1 E	2196	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.660	28	*****	.49	17		
CRESCENT	2242	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.130	28	*****	.11	15		
CUSHING	2318	5	45.4	27	6.3	76.	23	20.	13	530.0	-195.0	.0	.0	.000	27	*****	.00	28		
EL RENO 1 N	2818	5	46.6	28	5.8	77.	2	20.	17	516.5	-161.5	.0	.0	.080	28	-1.22	.06	15		
GUTHRIE	3821	5	47.8	28	6.1	79.	22	18.	17	482.5	-169.5	.0	.0	.872	28	-.79	.67	27		
HENNESSEY 4 ESE	4055	5	43.3	23	*****	73.	2	18.	17	498.5	*****	.0	*****	.191	27	*****	.10	14		
INGALLS	4489	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.191	28	*****	.12	15		
KINGFISHER 2 SE	4861	5	44.6	28	3.5	79.	2	17.	17	571.5	-97.5	.0	.0	.070	28	-1.32	.04	27		
KONAWA	4915	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.030	28	-2.05	.03	9		
MARSHALL	5589	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.000	28	-1.27	.00	28		
MEEKER 4 W	5779	5	46.7	28	4.8	80.	2	19.	17	513.0	-134.0	.0	.0	.080	28	-1.95	.03	16		
MULHALL	6110	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.550	28	*****	.51	26		
NORMAN NWS	6386	5	46.5	28	3.7	80.	2	21.	17	518.5	-103.5	.0	.0	.334	28	-1.39	.27	17		
OKEMAH	6638	5	48.6	28	6.1	82.	2	22.	12	458.5	-171.5	.0	.0	.520	28	-1.39	.22	27		
OKLAHOMA CTY	WS6661	5	44.9	28	4.0	77.	2	19.	12	562.5	-112.5	.0	.0	.043	28	-1.52	.02	16		
PERKINS	7003	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.130	28	-1.54	.13	15		
PIEDMONT	7068	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.050	28	*****	.05	27		
PRAGUE	7264	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.211	28	-1.73	.10	17		
PURCELL 5 SW	7327	5	46.9	28	4.2	79.	2	18.	8	507.5	-116.5	.0	.0	.703	28	-1.27	.50	17		
SHAWNEE	8110	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.782	28	-1.23	.50	27		
STELLA	8479	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.320	28	*****	.25	17		
STILLWATER 2 W	8501	5	44.3	28	5.7	80.	23	8.	8	579.5	-159.5	.0	.0	.103	28	-1.43	.07	14		
STROUD 1 N	8563	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.803	28	*****	1.60	27		
TECUMSEH	8751	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.300	28	*****	.30	14		
UNION CITY 1 SE	9086	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.041	28	-1.54	.04	15		
WELTY 1 SSE	9479	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.003	28	*****	1.00	21		
WEWOKA	9575	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.281	28	-1.91	.15	17		

**FEBRUARY 1995 SUMMARY FOR EAST CENTRAL DIVISION (CD6)**

NAME	ID	CD	DEV				HEAT		DEV		COOL		DEV		TOT	NUM	FROM	MAX	24-HR	DAY
			MEAN	NUM	FROM	MAX	DEG	DAY	FROM	DEG	FROM	DEG	FROM	DEG						
ASHLAND	364	6	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.243	28	*****	.14	17		
BOYNTON	1027	6	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.773	28	*****	1.33	27		
CHECOTAH	1711	6	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.263	28	-.93	1.06	27		
CLAYTON 14 WNW	1858	6	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.280	28	*****	.11	26		
DUSTIN	2690	6	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.160	28	*****	.16	15		
HANNA	3884	6	46.2	28	3.1	82.	2	21.	12	526.0	-87.0	.0	.0	.252	28	-2.13	.08	15		
HARTSHORNE	3946	6	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.200	28	*****	.11	16		
HASKELL	3956	6	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.261	28	-.91	1.02	27		
HOLDENVILLE	4235	6	46.8	28	3.3	82.	2	21.	12	509.0	-99.0	.0	-6.0	.300	28	-1.65	.21	17		
LAKE EUFAULA	4975	6	43.3	19	*****	80.	3	12.	12	413.0	*****	.0	*****	.222	19	*****	.11	15		
LYONS 2 N	5437	6	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.040	28	-.88	.47	27		
MCALESTER FAA	5664	6	47.4	28	4.9	82.	2	22.	17	491.5	-138.5	.0	.0	.093	28	-2.55	.04	15		
MCCURTAIN 1 SE	5693	6	48.8	28	4.8	83.	2	21.	12	457.5	-130.5	3.0	3.0	.512	28	-2.43	.30	27		
MUSKOGEE	6130	6	45.4	28	3.3	75.	22	19.	12	548.0	-93.0	.0	.0	1.320	27	*****	1.15	27		
OKMULGEE W W	6670	6	44.0	27	3.9	80.	3	17.	17	566.0	-131.0	.0	.0	1.255	27	*****	1.00	27		
OKTAHA 2 NE	6678	6	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.120	28	*****	.89	27		
SALLISAW 2 NW	7862	6	50.8	13	*****	75.	23	28.	18	184.0	*****	.0	*****	.520	13	*****	.33	27		
SHORT	8170	6	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.420	28	*****	1.03	27		
STILWELL 1 NE	8506	6	43.6	28	2.4	76.	2	16.	12	600.5	-65.5	.0	.0	1.531	28	-1.13	1.10	27		
WEBBERS FALLS	9445	6	44.4	28	4.1	79.	3	19.	9	577.0	-115.0	.0	.0	1.190	28	-1.35	.88	27		
WESTVILLE	9523	6	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.110	28	*****	.82	27		
WETUMKA 3 NE	9571	6	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.220	28	-1.92	.12	17		

**FEBRUARY 1995 SUMMARY FOR SOUTHWEST DIVISION (CD7)**

NAME	ID	CD	DEV				HEAT		DEV		COOL		DEV		TOT	NUM	FROM	MAX	24-HR	DAY
			MEAN	NUM	FROM	MAX	DEG	DAY	FROM	DEG	FROM	DEG	FROM	DEG						
ALTUS IRR STA	179	7	48.5	28	4.2	84.	2	18.	17	464.0	-116.0	2.0	2.0	.130	28	-.97	.08	16		
ALTUS DAM	184	7	46.9	28	5.4	84.	3	18.	17	507.0	-151.0	1.0	1.0	.020	28	-1.17	.02	15		
APACHE	260	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.430	28	-1.01	.40	17		
ALTUS AFB	447	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.072	28	*****	.04	16		
CARNEGIE 2 ENE	1504	7	45.9	28	3.9	78.	22	19.	8	534.0	-110.0	.0	.0	.004	28	-1.35	.00	16		
CHATTANOOGA	1706	7	48.3	27	4.5	79.	2	18.	8	452.0	-142.0	.0	.0	.790	27	*****	.75	17		
DUNCAN 11 W	2668	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.001	12	*****	.00	22		
FREDERICK	3353	7	48.0	28	5.4	82.	3	22.	12	475.0	-152.0	.0	.0	1.190	28	-.10	.67	17		
HEADRICK	3998	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.282	28	*****	.23	16		
HOBART FAA APT	4204	7	46.1	28	4.2	78.	26	21.	17	531.0	-116.0	2.0	2.0	.016	28	-1.03	.01	16		
HOLLIS	4249	7	46.3	28	2.7	85.	2	17.	17	525.0	-74.0	1.5	1.5	.042	28	-.97	.03	14		
LAWTON	5063	7	46.9	21	*****	79.	3	24.	17	380.0	*****	.0	*****	.940	27	*****	.62	17		
FORT SILL	5068	7	47.4	28	*****	79.	26	23.	8	496.0	*****	2.0	*****	.663	28	*****	.64	16		
LOOKEBA 2 ENE	5329	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.051	28	-1.26	.05	14		
MANGUM RES STA	5509	7	47.8	28	4.3	84.	2	17.	8	482.5	-119.5	.0	.0	.040	28	-1.08	.03	15		
RANDLETT 9 E	7403	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.141	28	*****	.11	17		
ROOSEVELT	7727	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.000	28	-1.14	.00	28		
SEDAN	8016	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.320	28	*****	.20	17		
SNYDER	8299	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.342	28	-.89	.21	17		
VINSON 3 WNW	9212	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.011	28	-.86	.01	15		
WALTERS	9278	7	47.6	28	2.9	80.	2	21.	8	486.5	-81.5	.5	.5	.600	28	-1.20	.60	16		
WILLOW	9668	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.031	28	*****	.02	15		



**FEBRUARY 1995 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)**

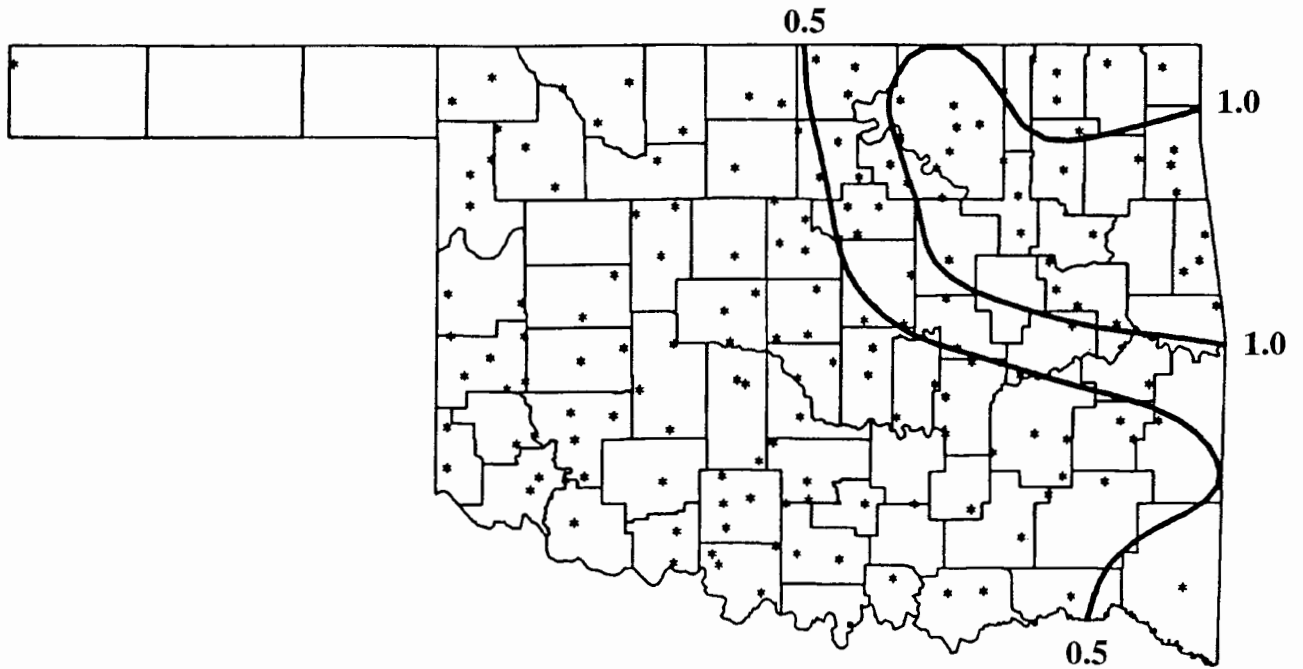
NAME	ID	CD	DEV			HEAT			DEV			COOL			DEV			TOT	NUM	FROM	MAX					
			MEAN	NUM	FROM	MAX	DEG	FROM	DEG	FROM	DEG	FROM	DEG	FROM	DEG	FROM	DEG					FROM	DEG	FROM	DEG	FROM
			TEMP	OBS	NORM	TEMP	DAY	TEMP	DAY	DAY	DEG	NORM	DAY	NORM	DAY	NORM	DAY	NORM	DAY	NORM	DAY	DAY	DAY			
ALLEN	147	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	.250	28	*****	.15	16
ARDMORE	292	8	50.0	28	3.5	79.	3	22.	9	420.0	-104.0	.0	-6.0	.142	28	-1.88	.07	17								
ATOKA DAM	394	8	48.5	20	*****	82.	3	29.	17	331.0	*****	.0	*****	.160	20	*****	.16	27								
BOKCHITO	917	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.000	28	*****	.00	28								
CHICKASAW NRA	1745	8	49.3	28	7.1	83.	3	21.	8	438.5	-199.5	.0	.0	.091	28	-1.89	.05	15								
COMANCHE	2054	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.310	28	-1.43	.24	17								
DAISY 4 ENE	2354	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.402	28	-2.72	.35	26								
DUNCAN	2660	8	47.2	26	*****	78.	3	23.	13	463.5	*****	.0	*****	.591	28	-1.11	.40	17								
DURANT USDA	2678	8	48.4	28	4.9	82.	3	20.	19	465.0	-137.0	.0	.0	.140	28	-2.49	.05	28								
ELMORE CITY	2872	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.420	28	*****	.37	16								
GRADY	3688	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.260	28	*****	.26	16								
HEALDTON	4001	8	48.8	28	4.4	80.	2	23.	8	454.5	-122.5	.0	.0	.251	28	-1.58	.20	27								
HENNEPIN	4052	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.160	28	*****	.12	17								
KETCHUM RANCH	4780	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.383	28	*****	.35	16								
LEHIGH	5108	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.005	28	*****	.00	27								
LINDSAY 2 W	5216	8	48.1	28	4.8	78.	2	23.	12	474.5	-133.5	.0	.0	.560	28	-1.22	.51	16								
LOCO 6 SE	5247	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.110	28	*****	.07	17								
MADILL	5468	8	48.8	28	3.4	80.	20	22.	8	455.0	-94.0	.5	.5	.110	28	-2.44	.11	13								
MARLOW 1 WSW	5581	8	49.2	28	5.7	79.	2	18.	8	444.5	-157.5	1.0	1.0	.601	28	-.99	.50	17								
MCGEE CREEK DAM	5713	8	47.9	28	*****	84.	3	25.	13	477.5	*****	.0	*****	.163	28	*****	.07	28								
PONTOTOC	7214	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.202	28	-1.93	.07	16								
TISHOMINGO NWLR	8884	8	48.0	20	*****	82.	2	20.	8	341.0	*****	.0	*****	.160	21	*****	.11	14								
TUSSY	9032	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.062	28	*****	.04	15								
WAURIKA	9395	8	49.3	28	3.9	80.	2	22.	8	440.5	-108.5	1.5	1.5	.101	28	-1.52	.10	16								
WAURIKA DAM	9399	8	48.2	19	*****	81.	3	22.	13	319.0	*****	.0	*****	.300	28	*****	.10	16								

**FEBRUARY 1995 SUMMARY FOR SOUTHEAST DIVISION (CD9)**

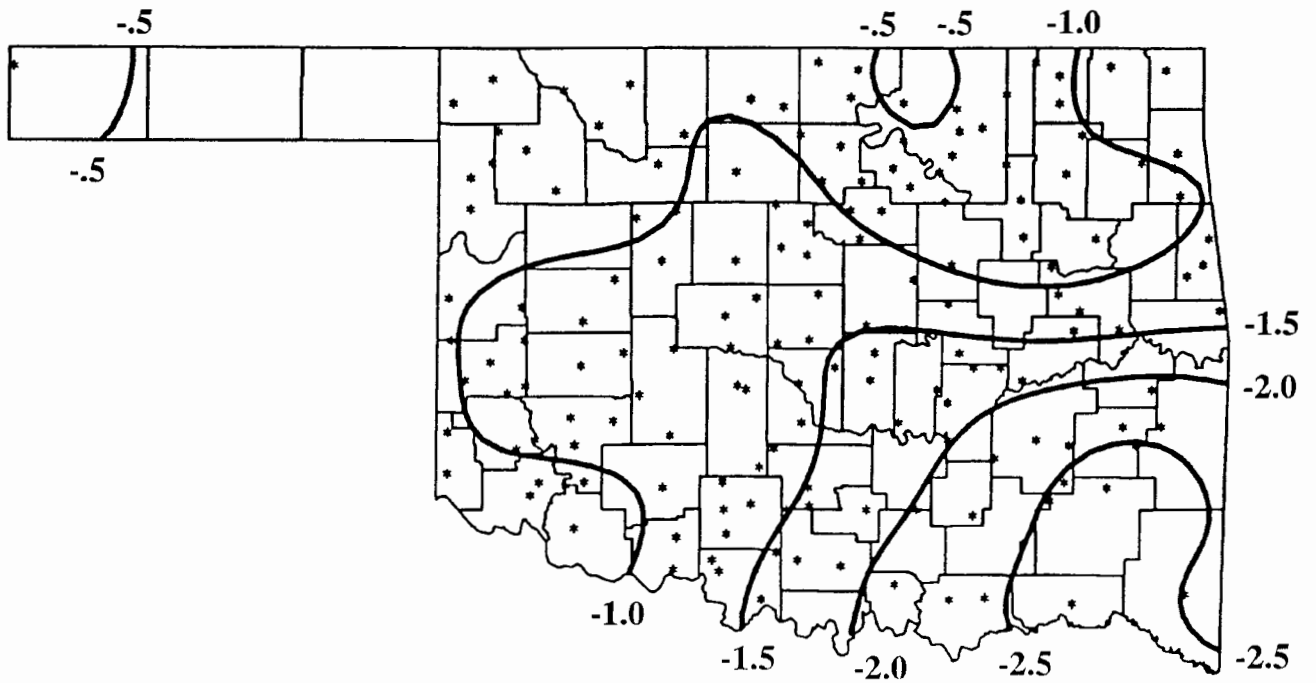
NAME	ID	CD	DEV			HEAT			DEV			COOL			DEV			TOT	NUM	FROM	MAX		
			MEAN	NUM	FROM	MAX	DEG	FROM	DEG	FROM	DEG	FROM	DEG	FROM	DEG	FROM	DEG					FROM	DEG
			TEMP	OBS	NORM	TEMP	DAY	TEMP	DAY	DAY	DEG	NORM	DAY	NORM	DAY	NORM	DAY	NORM	DAY	NORM	DAY	DAY	DAY
ANTLERS	256	9	47.8	28	3.0	82.	2	22.	18	483.0	-83.0	1.0	1.0	*****	0	*****	*****	0	*****	*****	*****	0	0
BENGAL	670	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.230	28	*****	.10	27					
BROKEN BOW 1 N	1162	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.151	28	-2.35	.38	26					
FANSHAW	3065	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.380	28	-2.76	.12	27					
HEAVENER 1 SE	4008	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.371	18	*****	.25	1					
HUGO	4384	9	49.6	28	3.0	81.	2	24.	12	432.0	-83.0	.0	.0	.572	28	-2.76	.30	26					
SPIRO	8416	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.550	27	*****	.26	27					
TUSKAHOMA	9023	9	47.8	28	2.9	82.	2	19.	18	482.5	-80.5	.0	.0	.192	28	-2.75	.07	27					
WILBURTON 9 ENE	9634	9	46.6	28	3.4	81.	2	21.	18	516.5	-93.5	.5	.5	.261	28	-2.77	.13	26					

**FEBRUARY 1995 CLIMATE DIVISION SUMMARY**

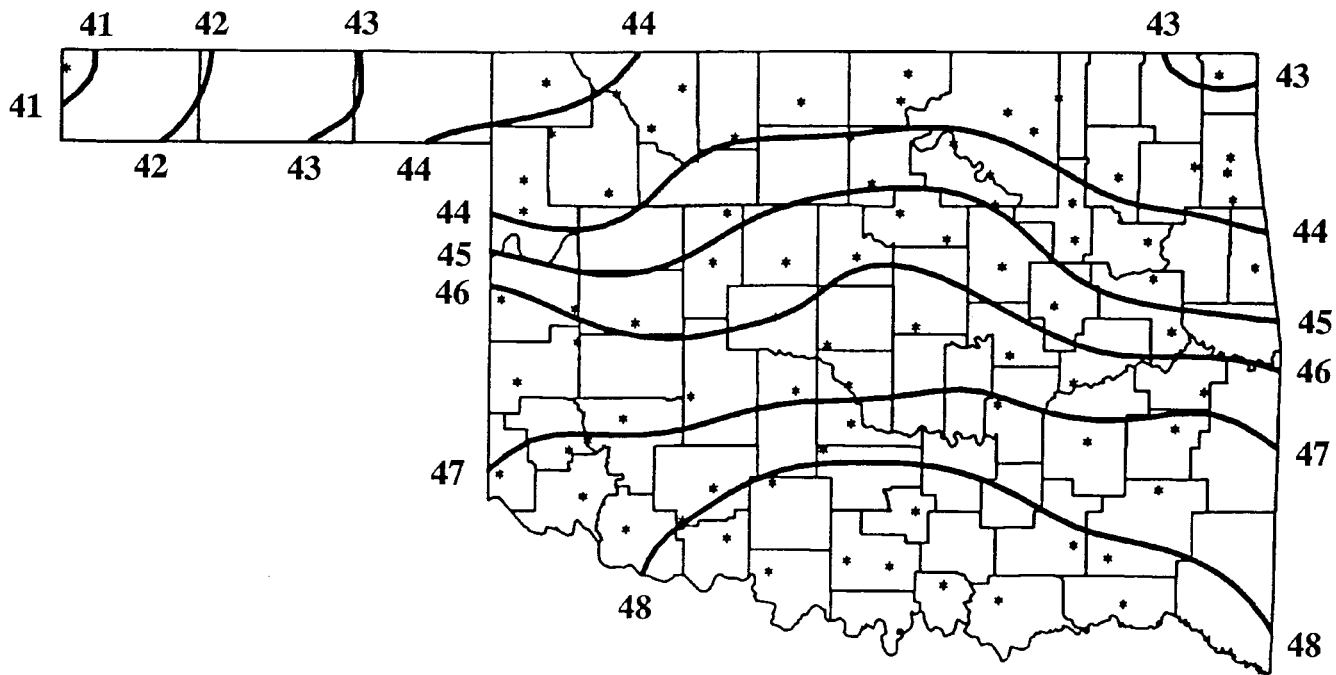
CLIMATE	DIV	MEAN	NUM	DEV			HEAT			DEV			COOL			DEV								
				TEMP	STA	NORM	TEMP	DAY	TEMP	DAY	TEMP	DAY	DEGREE	FROM	DEGREE	FROM	DEGREE	FROM	TOT	NUM	FROM	MAX		
1	43.5	4	5.5	82.0	22	12.0	17	601.9	-154.1	.9	.10	6	-.76	.20	10									
2	43.5	11	5.1	82.0	22	11.0	18	600.6	-145.5	.3	.3	.26	17	-.91	.48	27								
3	43.9	15	4.3	80.0	22	12.0	17	589.1	-124.5	.0	.0	1.17	26	-.65	2.22	27								
4	46.2	7	5.8	82.0	22	13.0	8	526.0	-162.4	.4	.4	.08	15	-1.02	.40	14								
5	46.3	12	4.8	82.0	2	8.0	8	521.0	-135.4	.0	.0	.36	30	-1.37	2.10	27								
6	45.8	8	3.6	83.0	2	12.0	12	534.4	-104.2	.4	-.3	.78	18	-1.59	1.33	27								
7	47.3	10	4.3	85.0	2	17.0	8	495.3	-121.2	.9	.9	.23	19	-1.01	.75	17								
8	48.9	9	4.8	84.0	3	18.0	8	452.2	-134.3	.3	-.2	.24	23	-1.87	.51	16								
9	47.9	4	3.0	82.0	2	19.0	18	478.5	-85.0	.4	.4	.46	6	-2.59	.38	26								



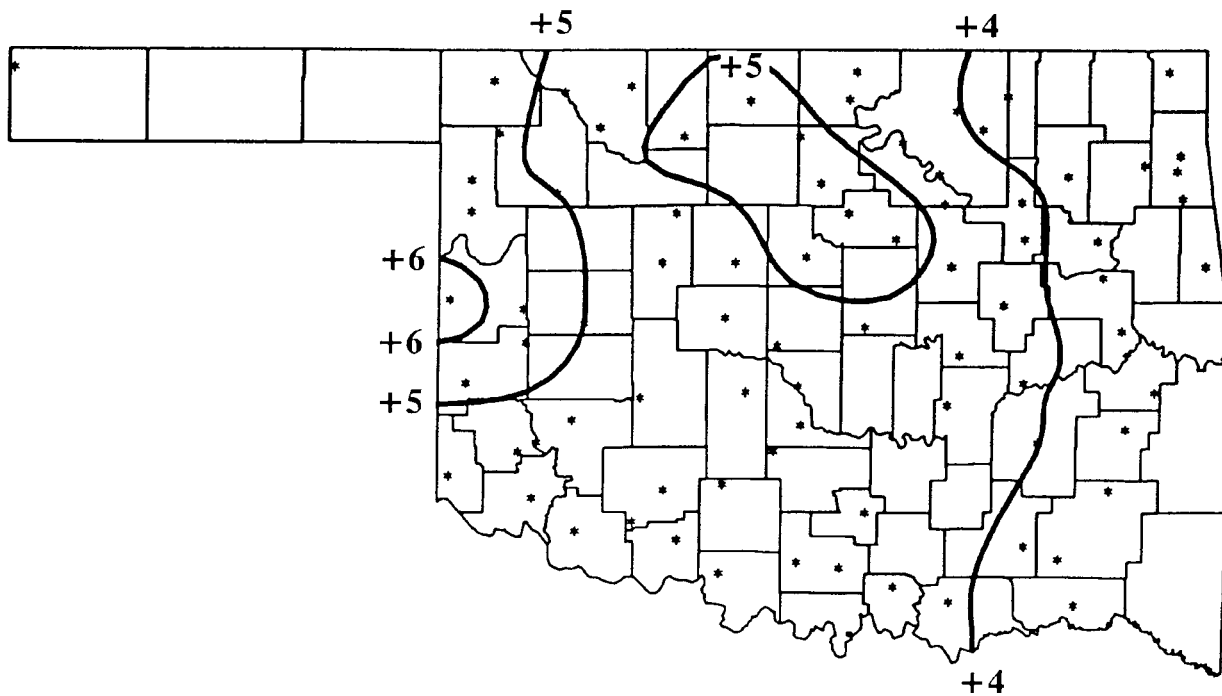
FEBRUARY 1995 TOTAL PRECIPITATION  
(Inches)



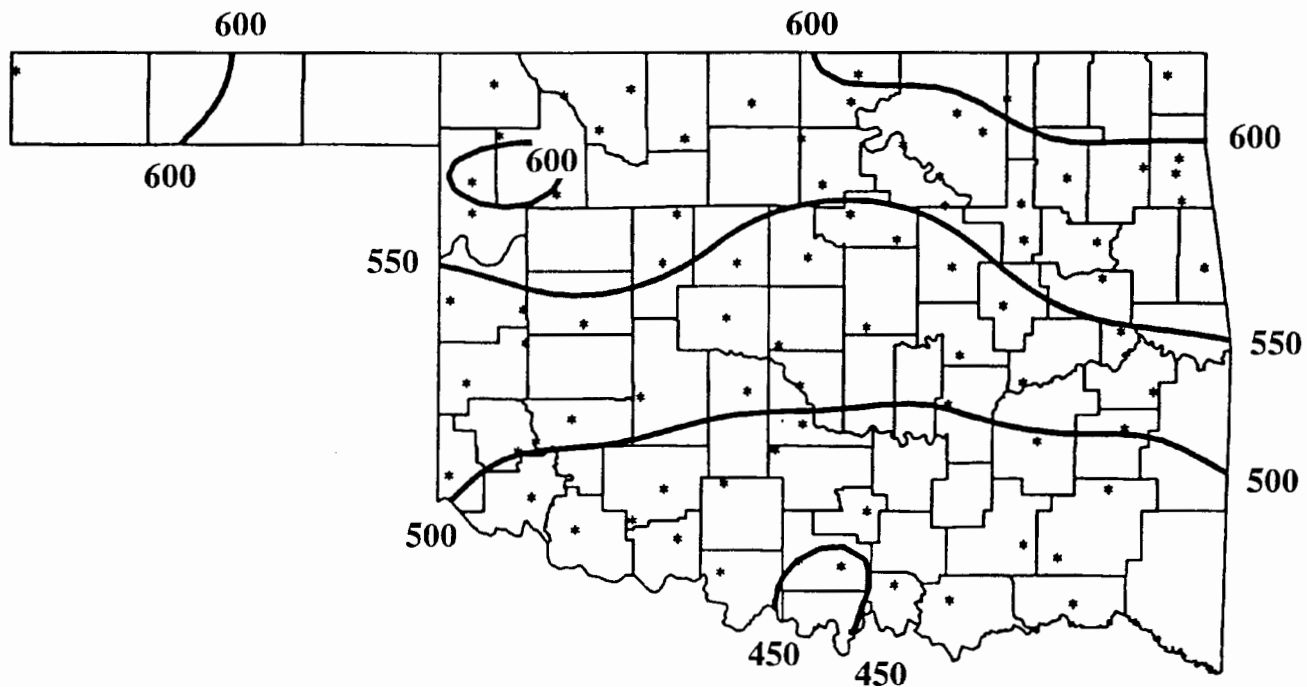
FEBRUARY 1995 DEVIATION FROM NORMAL PRECIPITATION  
(Inches)



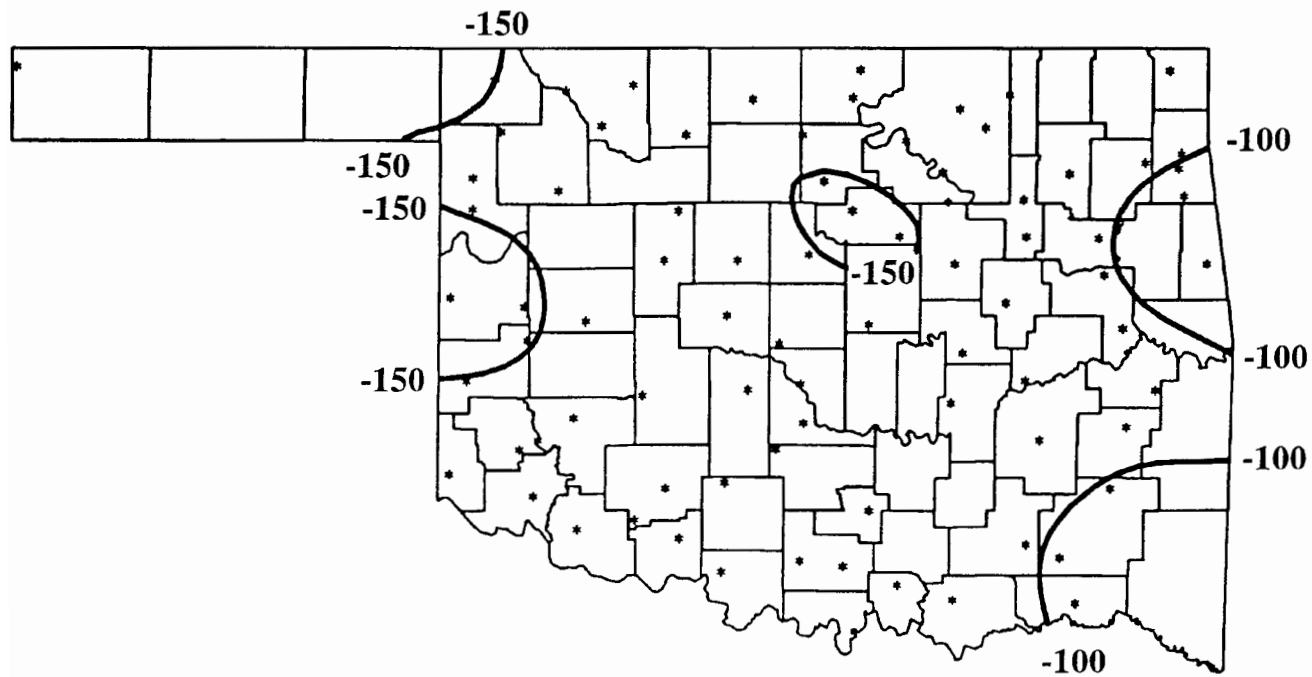
FEBRUARY 1995 AVERAGE MONTHLY TEMPERATURES  
(Degrees F)



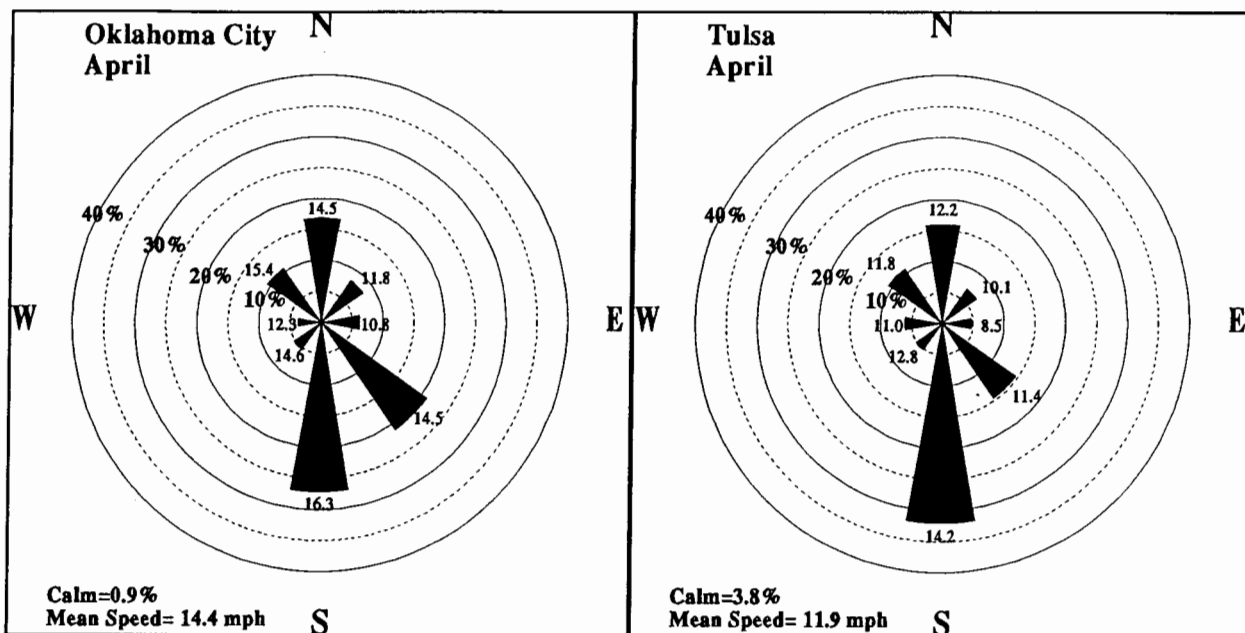
FEBRUARY 1995 DEVIATION FROM NORMAL TEMPERATURES  
(Degrees F)



FEBRUARY 1995 HEATING DEGREE DAYS



FEBRUARY 1995 DEVIATION FROM NORMAL HEATING DEGREE DAYS



**April 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.

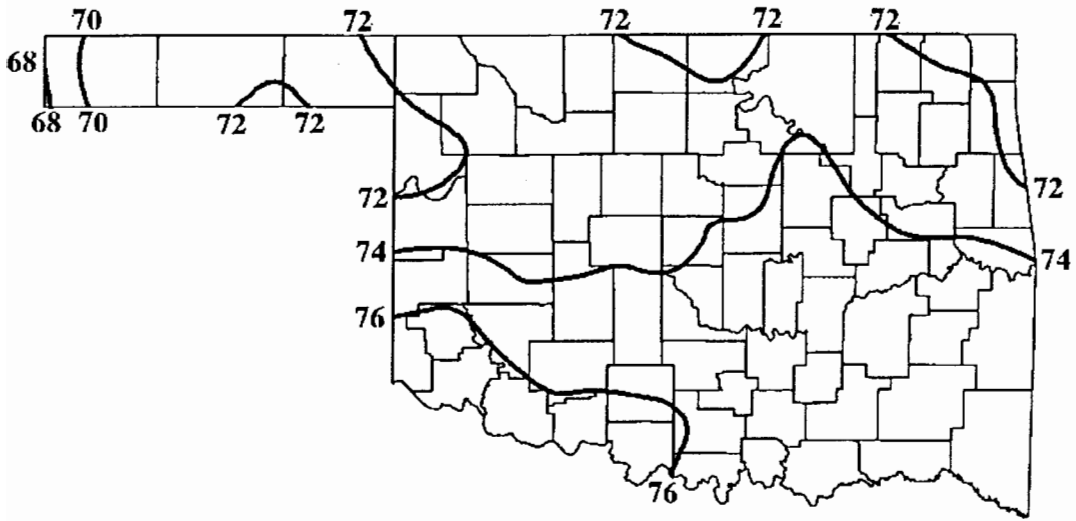
**APRIL 1995 SUNRISE AND SUNSET**

**OKLAHOMA CITY**

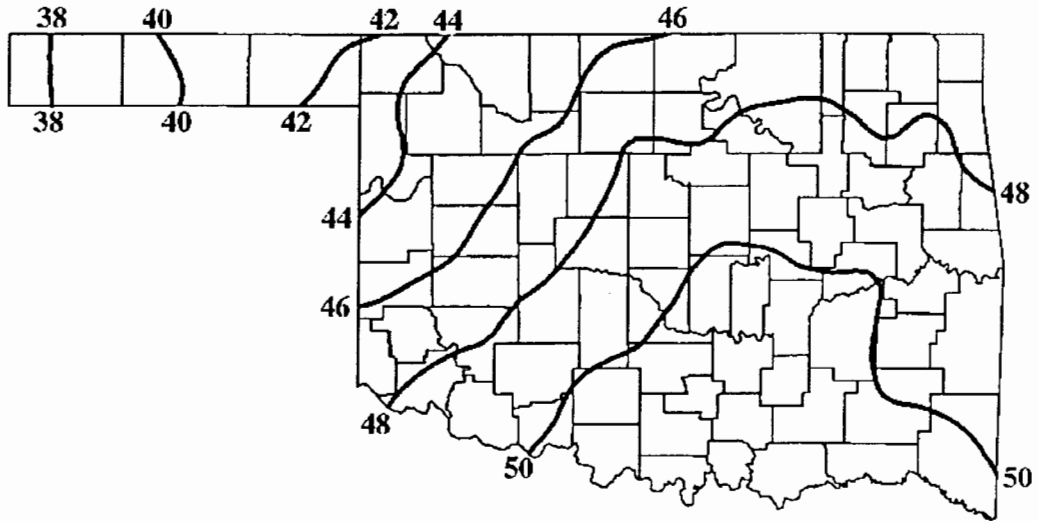
DATE	SUNRISE	SUNSET	DAYLIGHT
95 4 1	6:19AM	6:51PM CST	12 hrs 32 mins
95 4 2	7:17AM	7:51PM CDT	12 hrs 34 mins
95 4 3	7:16AM	7:52PM CDT	12 hrs 36 mins
95 4 4	7:14AM	7:53PM CDT	12 hrs 39 mins
95 4 5	7:13AM	7:54PM CDT	12 hrs 41 mins
95 4 6	7:12AM	7:55PM CDT	12 hrs 43 mins
95 4 7	7:10AM	7:55PM CDT	12 hrs 45 mins
95 4 8	7: 9AM	7:56PM CDT	12 hrs 47 mins
95 4 9	7: 7AM	7:57PM CDT	12 hrs 50 mins
95 4 10	7: 6AM	7:58PM CDT	12 hrs 52 mins
95 4 11	7: 5AM	7:58PM CDT	12 hrs 54 mins
95 4 12	7: 3AM	7:59PM CDT	12 hrs 56 mins
95 4 13	7: 2AM	8: 0PM CDT	12 hrs 58 mins
95 4 14	7: 1AM	8: 1PM CDT	13 hrs 0 mins
95 4 15	6:59AM	8: 2PM CDT	13 hrs 2 mins
95 4 16	6:58AM	8: 2PM CDT	13 hrs 4 mins
95 4 17	6:57AM	8: 3PM CDT	13 hrs 7 mins
95 4 18	6:55AM	8: 4PM CDT	13 hrs 9 mins
95 4 19	6:54AM	8: 5PM CDT	13 hrs 11 mins
95 4 20	6:53AM	8: 6PM CDT	13 hrs 13 mins
95 4 21	6:52AM	8: 6PM CDT	13 hrs 15 mins
95 4 22	6:50AM	8: 7PM CDT	13 hrs 17 mins
95 4 23	6:49AM	8: 8PM CDT	13 hrs 19 mins
95 4 24	6:48AM	8: 9PM CDT	13 hrs 21 mins
95 4 25	6:47AM	8:10PM CDT	13 hrs 23 mins
95 4 26	6:46AM	8:10PM CDT	13 hrs 25 mins
95 4 27	6:45AM	8:11PM CDT	13 hrs 27 mins
95 4 28	6:44AM	8:12PM CDT	13 hrs 28 mins
95 4 29	6:42AM	8:13PM CDT	13 hrs 30 mins
95 4 30	6:41AM	8:14PM CDT	13 hrs 32 mins

**TULSA**

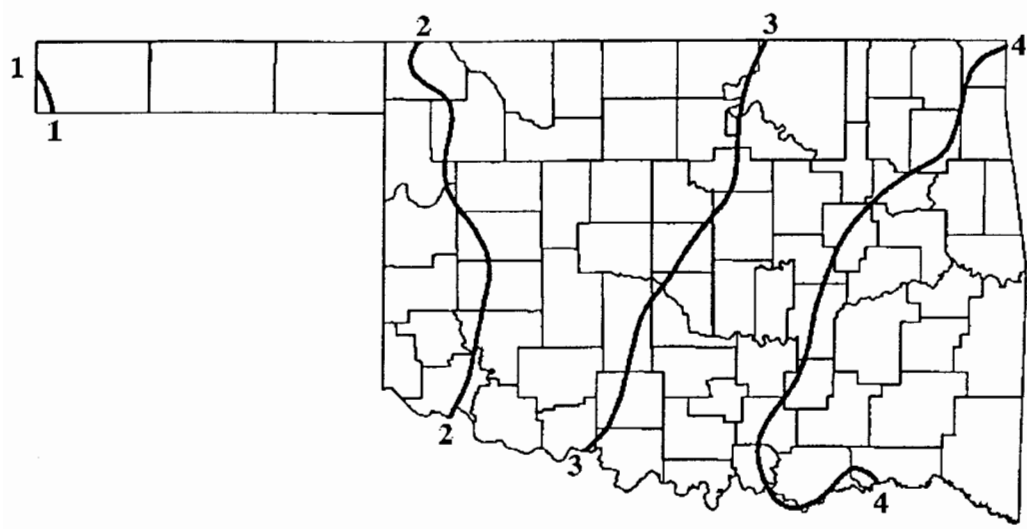
DATE	SUNRISE	SUNSET	DAYLIGHT
95 4 1	6:11AM	6:44PM CST	12 hrs 33 mins
95 4 2	7:10AM	7:45PM CDT	12 hrs 35 mins
95 4 3	7: 8AM	7:46PM CDT	12 hrs 37 mins
95 4 4	7: 7AM	7:47PM CDT	12 hrs 40 mins
95 4 5	7: 6AM	7:47PM CDT	12 hrs 42 mins
95 4 6	7: 4AM	7:48PM CDT	12 hrs 44 mins
95 4 7	7: 3AM	7:49PM CDT	12 hrs 46 mins
95 4 8	7: 1AM	7:50PM CDT	12 hrs 49 mins
95 4 9	7: 0AM	7:51PM CDT	12 hrs 51 mins
95 4 10	6:59AM	7:52PM CDT	12 hrs 53 mins
95 4 11	6:57AM	7:52PM CDT	12 hrs 55 mins
95 4 12	6:56AM	7:53PM CDT	12 hrs 57 mins
95 4 13	6:54AM	7:54PM CDT	13 hrs 0 mins
95 4 14	6:53AM	7:55PM CDT	13 hrs 2 mins
95 4 15	6:52AM	7:56PM CDT	13 hrs 4 mins
95 4 16	6:50AM	7:57PM CDT	13 hrs 6 mins
95 4 17	6:49AM	7:57PM CDT	13 hrs 8 mins
95 4 18	6:48AM	7:58PM CDT	13 hrs 10 mins
95 4 19	6:46AM	7:59PM CDT	13 hrs 13 mins
95 4 20	6:45AM	8: 0PM CDT	13 hrs 15 mins
95 4 21	6:44AM	8: 1PM CDT	13 hrs 17 mins
95 4 22	6:43AM	8: 1PM CDT	13 hrs 19 mins
95 4 23	6:41AM	8: 2PM CDT	13 hrs 21 mins
95 4 24	6:40AM	8: 3PM CDT	13 hrs 23 mins
95 4 25	6:39AM	8: 4PM CDT	13 hrs 25 mins
95 4 26	6:38AM	8: 5PM CDT	13 hrs 27 mins
95 4 27	6:37AM	8: 6PM CDT	13 hrs 29 mins
95 4 28	6:35AM	8: 6PM CDT	13 hrs 31 mins
95 4 29	6:34AM	8: 7PM CDT	13 hrs 33 mins
95 4 30	6:33AM	8: 8PM CDT	13 hrs 35 mins



April Normal Daily Maximum Temperatures (°F)



April Normal Daily Minimum Temperatures (°F)



April Normal Monthly Precipitation (inches)

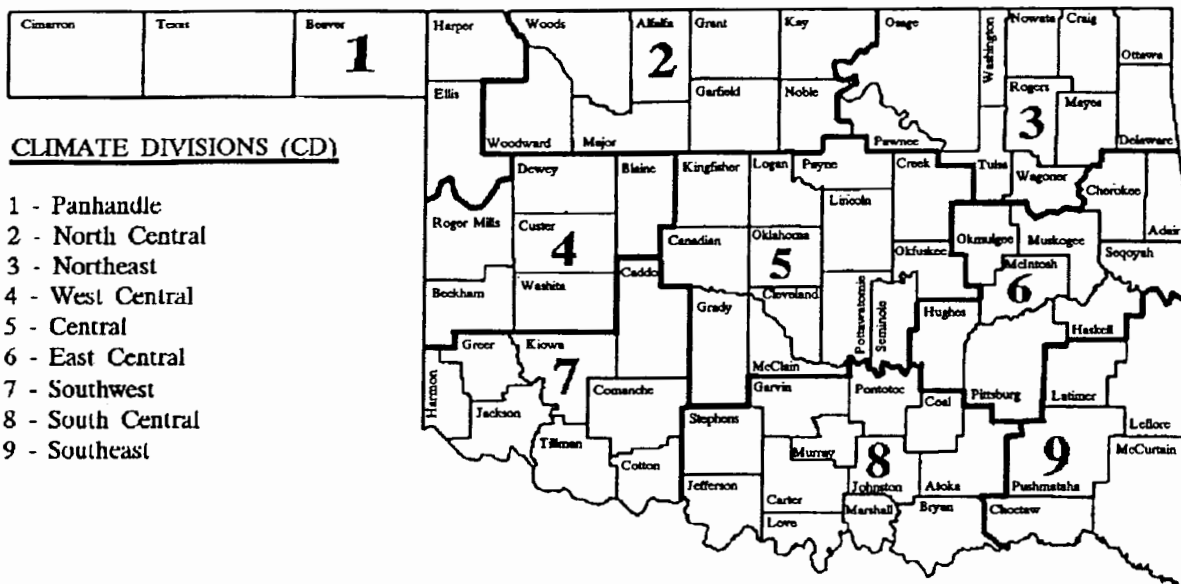
**SEASONAL NATIONAL WEATHER SERVICE OUTLOOK**

(April through June 1995)

Precipitation - Near Normal Statewide

Temperature - Greater than Normal West  
Near Normal Elsewhere

# OKLAHOMA



**CLIMATE DIVISIONS (CD)**

- 1 - Panhandle
- 2 - North Central
- 3 - Northeast
- 4 - West Central
- 5 - Central
- 6 - East Central
- 7 - Southwest
- 8 - South Central
- 9 - Southeast

### 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

April 1995

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).

Normal 1	Actual	Normal 2	Actual	Normal 3	Actual	Normal 4	Actual	Normal 5	Actual	Normal 6	Actual	Normal 7	Actual						
67.7 44.3 0.4 1 1	max min ppt hdd cdd	69.6 45.5 0.7 6 1	max min ppt hdd cdd	68.3 44.3 0.9 9 1	max min ppt hdd cdd	66.2 42.8 0.2 11 1	max min ppt hdd cdd	67.0 42.2 1.4 1 1	max min ppt hdd cdd	71.5 44.8 0.1 9 2	max min ppt hdd cdd	70.6 46.4 0.5 7 1	max min ppt hdd cdd						
Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	92-1946 45-1938 28-1898 68-1948 2-87-1905	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1918 43-1975 20-1956 67-1945 99-1922	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	92-1893 43-1979 21-1975 68-1934 1-37-1919	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	93-1893 38-1920 22-1991 68-1929 2-06-1906	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	94-1893 43-1899 28-1970 65-1978 3-30-1953	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	95-1893 41-1898 28-1936 68-1967 1-24-1940	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	94-1893 38-1938 27-1938 68-1893 1-76-1942						
Normal 8	Actual	Normal 9	Actual	Normal 10	Actual	Normal 11	Actual	Normal 12	Actual	Normal 13	Actual	Normal 14	Actual						
68.6 47.3 0.9 8 1	max min ppt hdd cdd	68.1 45.0 0.6 9 1	max min ppt hdd cdd	68.1 43.8 0.9 9 1	max min ppt hdd cdd	69.5 46.5 0.4 8 1	max min ppt hdd cdd	69.3 46.9 0.9 8 1	max min ppt hdd cdd	68.8 46.1 1.0 9 1	max min ppt hdd cdd	71.1 46.2 0.8 8 1	max min ppt hdd cdd						
Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1905 38-1938 28-1928 63-1894 2-89-1922	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	90-1930 44-1973 25-1914 66-1927 2-81-1944	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1934 45-1928 28-1973 68-1966 1-40-1979	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	90-1972 47-1952 23-1940 66-1972 1-10-1974	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	100-1972 35-1957 23-1957 70-1972 3-11-1967	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	94-1972 43-1957 20-1957 65-1941 3-76-1910	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	92-1936 46-1928 27-1980 68-1972 1-27-1947						
Normal 15	Actual	Normal 16	Actual	Normal 17	Actual	Normal 18	Actual	Normal 19	Actual	Normal 20	Actual	Normal 21	Actual						
71.8 47.9 0.6 1 1	max min ppt hdd cdd	73.8 49.4 1.0 5 2	max min ppt hdd cdd	74.2 51.2 0.9 4 2	max min ppt hdd cdd	73.1 51.9 1.1 5 2	max min ppt hdd cdd	73.6 51.8 1.6 4 2	max min ppt hdd cdd	73.3 51.7 1.6 5 2	max min ppt hdd cdd	74.8 51.9 0.3 4 2	max min ppt hdd cdd						
Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	90-1940 51-1902 30-1928 66-1982 1-67-1947	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	92-1940 49-1905 31-1921 67-1986 1-08-1970	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	96-1925 47-1905 30-1953 67-1963 1-40-1908	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	96-1925 47-1953 30-1953 66-1964 2-97-1942	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	94-1987 50-1918 33-1953 68-1948 2-32-1919	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1961 45-1959 33-1966 69-1985 2-07-1937	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	90-1965 45-1959 34-1966 70-1961 79-1999						
Normal 22	Actual	Normal 23	Actual	Normal 24	Actual	Normal 25	Actual	Normal 26	Actual	Normal 27	Actual	Normal 28	Actual						
75.6 52.8 1.4 4 3	max min ppt hdd cdd	75.0 52.9 0.8 4 3	max min ppt hdd cdd	75.7 51.9 0.8 4 2	max min ppt hdd cdd	73.9 52.6 1.0 4 2	max min ppt hdd cdd	74.0 52.9 0.9 4 2	max min ppt hdd cdd	74.8 51.3 1.1 4 3	max min ppt hdd cdd	73.2 52.2 1.1 4 2	max min ppt hdd cdd						
Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	95-1955 45-1909 34-1959 68-1961 1-98-1915	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	89-1989 52-1931 33-1909 70-1989 95-1945	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	89-1901 52-1947 37-1910 68-1989 1-67-1948	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1939 51-1919 36-1910 66-1893 2-64-1915	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	92-1896 50-1919 35-1907 68-1976 1-50-1983	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1959 57-1979 35-1920 69-1970 1-57-1997	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	93-1902 50-1922 37-1970 70-1970 1-97-1980						
Normal 29	Actual	Normal 30	Actual	APRIL AVERAGES															
75.0 52.7 2.2 3 2	max min ppt hdd cdd	74.2 53.3 1.9 4 2	max min ppt hdd cdd	TEMPERATURE : 60.2°F															
Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	92-1936 50-1964 34-1908 68-1903 2-87-1974	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	93-1948 48-1904 32-1907 68-1936 2-13-1970	PRECIPITATION : 2.79"															
										HEATING DEGREE DAYS : 192									
										COOLING DEGREE DAYS : 49									



Oklahoma Climatological Survey  
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