

# OKLAHOMA MONTHLY SUMMARY DECEMBER 1995

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## MONTHLY SUMMARY FOR DECEMBER 1995

A major winter storm that swept through Oklahoma in the middle of December brought enough rain and snow to the state to alleviate the soil moisture shortages that had developed during the autumn. According to preliminary data, the statewide average precipitation for December was 1.94 inches, 0.28 greater than normal. The December moisture brought the annual precipitation for 1995 up to 38.69 inches, 4.45 inches greater than normal and the state's 25th greatest annual precipitation total since 1892. The December average temperature of 39.8 degrees was 0.3 degree above normal. The 1995 annual temperature was 60.2 degrees, 0.1 degree less than normal.

The month started unusually warm for December with afternoon temperatures in the upper 70s and lower 80s in many areas of southern and western Oklahoma. A strong cold front plunged through the state on the 5th. The highest temperatures through the following week were in the 60s and low temperatures plunged into the single digits as far south as Smithville (McCurtain County) and Durant (Bryan). Overnight low temperatures were below freezing across the entire state on the 9th and 10th. Freedom (Woods) reported a low temperature of 2 degrees on the 9th.

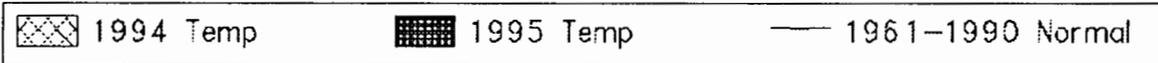
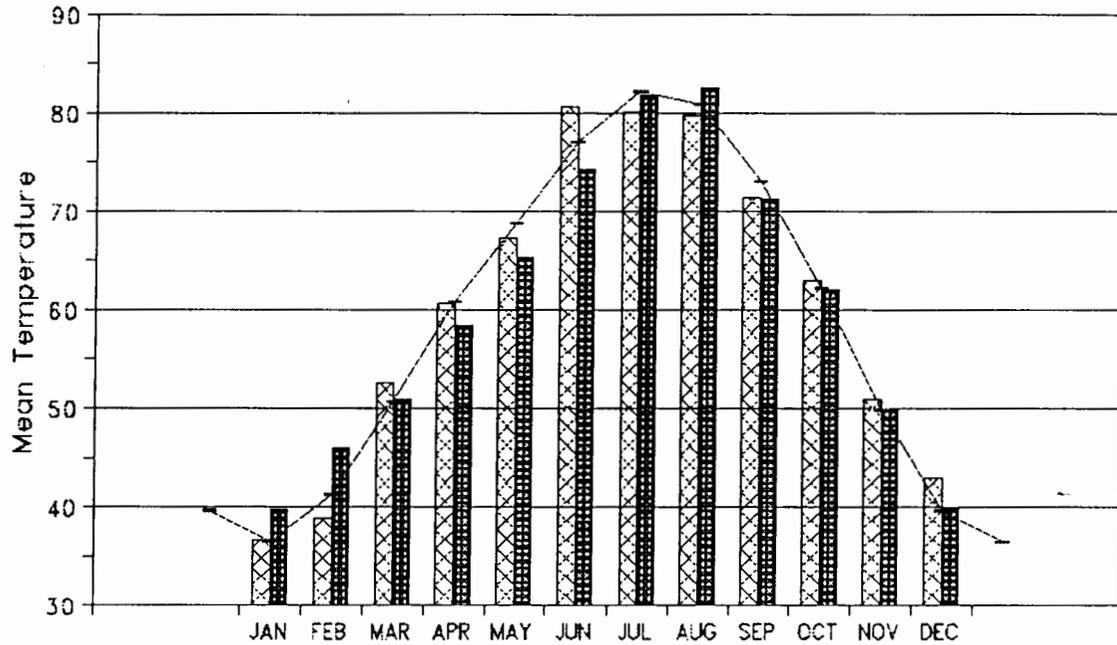
Southerly winds produced a warming trend on the 13th and 14th that saw daytime temperatures reach the 80s again in the southwest. A major storm system moved through the state at mid-month, producing showers in the south and rain turning to snow in the north and west that brought the first significant precipitation in two months to most areas of the state. Spiro (LeFlore) and Wilburton (Latimer) each reported over 3 inches of rain spread over a 3-day period. Perhaps more significantly, rain, followed by a wet snow, covered much of parched western Oklahoma. As much as a foot of snow was reported in the Boise City (Cimarron) area. Five inches of snow fell on Webbers Falls (Muskogee) and Newcastle (McClain). Four-inch snowfalls were reported at Chickasha and Cox City (both in Grady County). Snow fell as far south as Smithville (McCurtain) which reported a trace amount.

By the 20th the highest temperatures in the state were in the low 40s, a drop of 40 degrees from the highest temperatures on the 14th. Subfreezing overnight low temperatures were commonplace for the remainder of the month, statewide, with many areas experiencing temperatures in the low teens. In many areas of northern Oklahoma, temperatures remained in the lower 30s or below from the 19th through 24th.

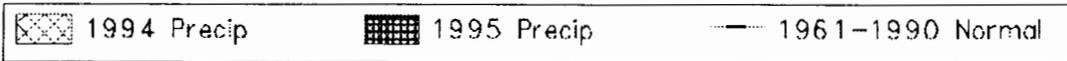
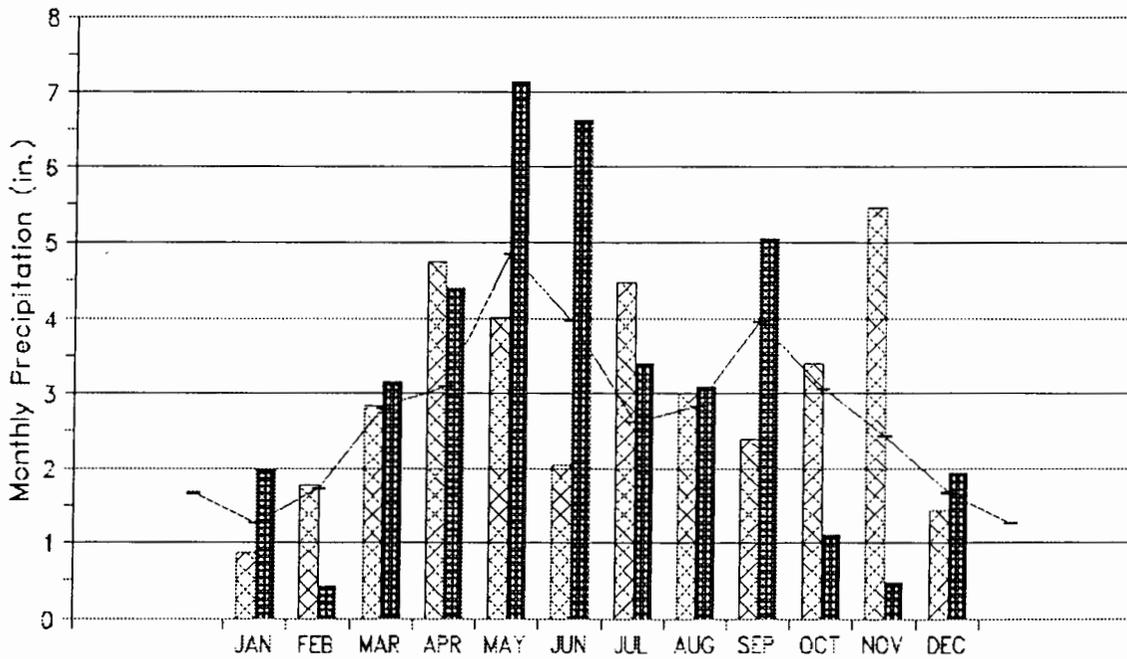
Another storm system, though weaker, brought scattered showers and some snow to the state on the 29th. Rainfall amounts were generally less than an inch, although Oilton (Creek) reported 1.34 inches of rain. Snow was confined to the north with Laverne (Harper) reporting 3.5 inches and Arnett (Ellis) reporting 3 inches. Light snow was moving into western Oklahoma and much of the state was under a winter storm watch as the year ended.

Howard L. Johnson

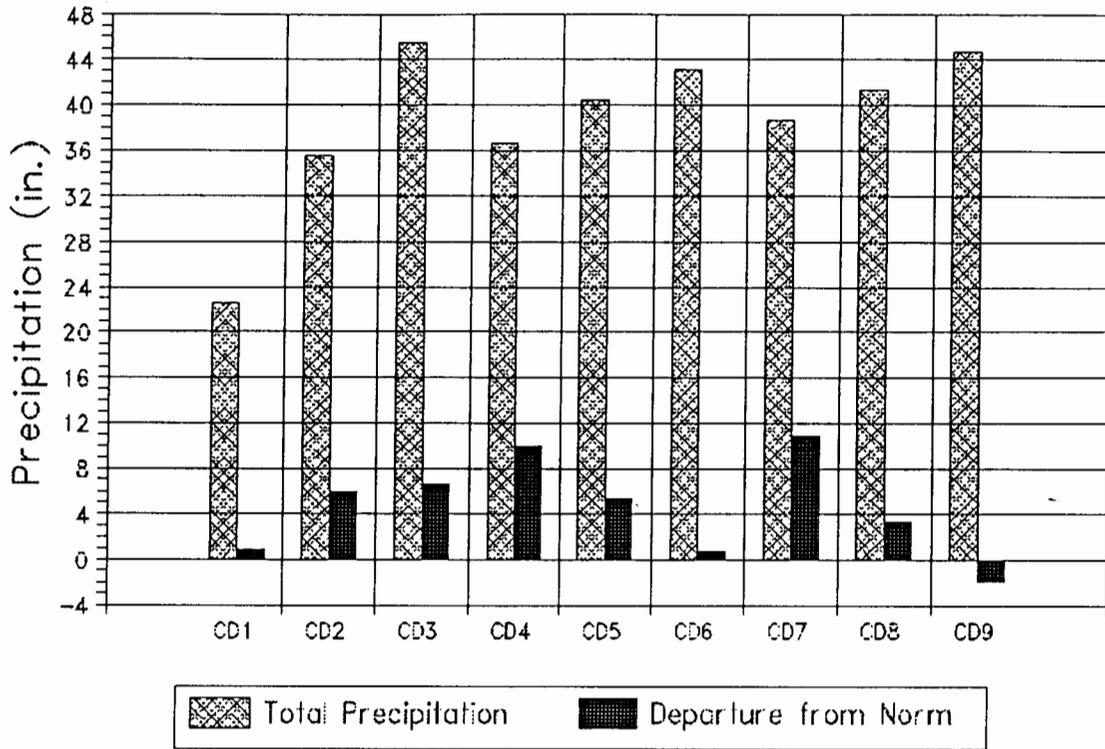
### 1994 and 1995 STATEWIDE TEMPERATURES Monthly Averages



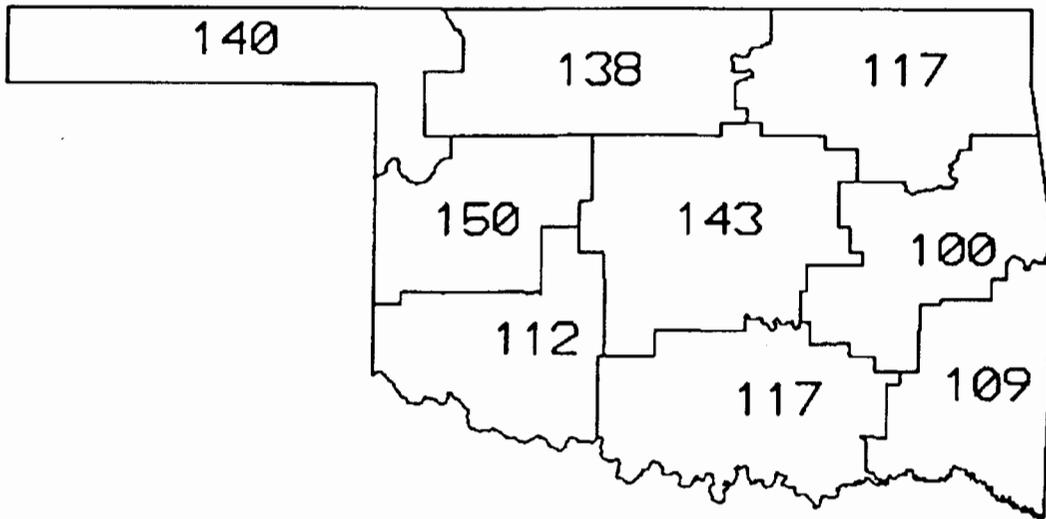
### 1994 and 1995 STATEWIDE PRECIPITATION Monthly Totals



### CD Averaged Precipitation January through December 1995



### CD PERCENT OF NORMAL PRECIPITATION



DECEMBER 1995

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

CD	MAX			MIN			24-HOUR			MONTHLY	
	TEMP	DATE	LOCATION	TEMP	DATE	LOCATION	PRECIP	DATE	LOCATION	PRECIP	LOCATION
1	80	1	GAGE	1	10	GOODWELL	1.36	18	GATE	1.95	GATE
2	78	1	FREEDOM	2	9	FREEDOM	1.36	19	ALVA	2.28	MORRISON
3	79	3	JAY TOWER	3	11	HULAH DAM	1.84	18	WAGONER	3.74	KANSAS
				3	10	VINITA					
4	80	2	ERICK	5	9	REYDON	1.25	18	REYDON	1.71	REYDON
5	77	2	OKEMAH	7	10	GUTHRIE	1.40	19	PURCELL	3.65	PURCELL
6	79	14	MCALESTER	5	10	STILWELL	1.85	17	MCCURTAIN	3.89	MCCURTAIN
7	83	2	ALTUS IRR ST	8	10	WICHITA MT	3.20	18	ANADARKO	3.30	ANADARKO
8	81	13	WAURIKA	9	10	PAULS VALLEY	2.25	18	TISHOMINGO	3.73	DURANT
	81	4	WAURIKA DAM	9	10	TISHOMINGO					
	81	14	WAURIKA DAM								
9	79	15	BROKEN BOW	8	10	BATTIEST	2.00	17	HEAVENER	4.59	SPIRO
	79	15	IDABEL	8	10	POTEAU					
	79	15	PINE CREEK	8	10	SMITHVILLE					
				8	10	TUSKAHOMA					
				8	10	WILBURTON					

TABLE OF 1994/1995 COMPARISONS

Station	DECEMBER Temperature (°F)		DECEMBER Precipitation (in.)	
	1994	1995	1994	1995
Arnett	40.4	34.7	0.72	1.63
Mutual	38.8	35.0	0.46	1.17
Tulsa	42.8	39.4	1.21	1.77
Elk City	43.1	38.7	0.33	1.21
Oklahoma City	42.5	40.0	1.63	2.35
McAlester	45.9	43.7	3.25	1.61
Altus Irr Sta	44.6	42.8	0.27	0.90
Ada	44.2	41.1	1.60	2.16
Hugo	47.3	45.2	3.42	2.58

Variable	EXTREMES			
	Station	Division	Observation	Date
Minimum temperature (°F)	Goodwell	1	01	10
Maximum temperature (°F)	Altus Irr	7	83	02
Maximum 24-hour precipitation	Anadarko	7	3.20"	18

**DECEMBER 1995 SUMMARY FOR NORTHWEST DIVISION (CD1)**

NAME	ID	CD	DEV				MIN			HEAT	DEV	COOL	DEV	TOT	NUM	DEV	MAX	24-HR	DAY
			MEAN	NUM	FROM	MAX	DAY	TEMP	DAY	DEG	FROM	DEG	FROM						
ARNETT	332	1	34.7	31	-.7	78.	2	5.	9	940.0	22.0	.0	.0	1.630	29	*****	1.23	18	
BEAVER	593	1	33.2	31	-.8	78.	2	2.	10	985.0	24.0	.0	.0	.930	31	.34	.38	19	
BOISE CITY 2 E	908	1	37.0	31	1.3	76.	1	2.	9	866.5	-41.5	.0	.0	.571	31	.19	.50	18	
BUFFALO	1243	1	34.9	31	-2.2	76.	2	4.	9	933.5	68.5	.0	.0	.450	30	*****	.45	18	
FARGO	3070	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.190	31	.42	.63	18	
GAGE FAA APT	3407	1	34.2	31	-2.5	80.	1	4.	9	955.0	78.0	.0	.0	1.184	31	.52	.46	17	
GATE	3489	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.951	31	1.25	1.36	18	
GOODWELL RES ST	3628	1	37.2	27	*****	77.	2	1.	10	750.5	*****	.0	*****	.511	30	*****	.35	18	
GUYMON	3835	1	34.9	31	*****	75.	13	8.	20	934.0	*****	.0	*****	.920	31	*****	.50	18	
HOOKER	4298	1	34.2	31	-.8	76.	3	4.	10	956.0	26.0	.0	.0	.521	31	.11	.44	18	
KENTON	4766	1	37.6	31	3.9	73.	11	6.	9	849.0	-121.0	.0	.0	.452	27	*****	.45	18	
LAVERNE	5045	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.035	31	.30	.45	30	
REGNIER	7534	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.324	31	-.01	.20	18	
TURPIN 4 SSE	9017	1	33.2	29	*****	74.	3	3.	9	921.0	*****	.0	*****	.640	30	*****	.55	18	

**DECEMBER 1995 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)**

NAME	ID	CD	DEV				MIN			HEAT	DEV	COOL	DEV	TOT	NUM	DEV	MAX	24-HR	DAY
			MEAN	NUM	FROM	MAX	DAY	TEMP	DAY	DEG	FROM	DEG	FROM						
ALVA	193	2	35.6	31	*****	71.	2	8.	9	912.5	*****	.0	*****	1.600	31	*****	1.36	19	
VANCE AFB	302	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.875	31	*****	.37	17	
BILLINGS	755	2	37.2	31	1.2	74.	2	6.	9	861.0	-38.0	.0	.0	1.181	30	*****	.60	18	
BLACKWELL 2E	818	2	41.0	30	4.5	72.	2	9.	9	721.0	-163.0	.0	.0	2.061	31	.71	.78	19	
BRAMAN	1075	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.461	31	*****	.48	18	
CEDARDALE	1620	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.941	31	*****	.46	19	
CHEROKEE	1724	2	36.0	30	-1.3	75.	1	6.	10	870.5	11.5	.0	.0	.600	31	-.53	.50	18	
ENID	2912	2	38.2	31	.2	69.	2	8.	9	831.5	-5.5	.0	.0	1.250	31	.11	.43	18	
FT SUPPLY DAM	3304	2	35.2	29	*****	77.	2	6.	9	865.0	*****	.0	*****	1.135	31	.41	.45	18	
FREEDOM	3358	2	32.7	31	-3.7	78.	1	2.	9	1001.5	114.5	.0	.0	1.090	31	.28	.50	18	
GREAT SALT PLNS	3740	2	37.1	21	*****	76.	1	7.	11	585.5	*****	.0	*****	1.350	21	*****	.57	18	
HARDY	3909	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.542	31	*****	.50	18	
HELENA 1 SSE	4019	2	35.7	31	.6	72.	1	7.	9	909.0	-18.0	.0	.0	1.552	31	.57	.61	19	
JEFFERSON	4573	2	37.5	31	.5	77.	1	6.	9	851.0	-17.0	.0	.0	1.362	31	.17	.46	18	
LAMONT	5013	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.211	31	*****	.52	18	
MEDFORD	5768	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.150	31	*****	.63	31	
MORRISON	6065	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.280	31	*****	.76	19	
MUTUAL	6139	2	35.0	31	-.5	75.	3	7.	10	928.5	13.5	.0	.0	1.170	31	.43	.72	18	
NEWKIRK	6278	2	37.4	31	.8	71.	2	6.	9	855.5	-24.5	.0	.0	1.971	31	.54	.85	19	
ORIENTA	6751	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.880	31	.07	.60	18	
PERRY	7012	2	40.1	31	1.3	73.	2	13.	9	771.5	-40.5	.0	.0	2.050	31	.72	.72	18	
PONCA CITY FAA	7201	2	39.2	31	3.4	73.	2	9.	9	800.5	-104.5	.0	.0	1.984	31	.57	1.02	18	
RED ROCK 1 NNE	7505	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.880	31	.54	.86	19	
WAYNOKA	9404	2	35.0	31	-2.2	73.	1	6.	9	930.0	68.0	.0	.0	1.340	31	.44	.61	19	
WOODWARD	9760	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.072	31	.23	.68	18	

**DECEMBER 1995 SUMMARY FOR NORTHEAST DIVISION (CD3)**

NAME	ID	CD	DEV				MIN		HEAT	DEV	COOL	DEV	TOT	NUM	DEV		24-HR	DAY
			MEAN	NUM	FROM	MAX	DAY	TEMP	DAY	DEG	FROM	DEG			FROM	PPT		
BARNSDALL	535	3	38.0	31	-.1	74.	2	6.	10	835.5	1.5	.0	.0	1.785	31	-.11	1.18	19
BARTLESVILLE 2W	548	3	37.8	31	-.3	74.	2	5.	10	843.5	9.5	.0	.0	2.111	31	.48	1.14	19
BIXBY	782	3	38.8	30	.6	76.	3	10.	11	787.0	-44.0	.0	.0	1.660	31	-.30	.46	19
BURBANK	1256	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.092	31	.59	1.39	18
CHELSEA 4 S	1717	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.020	31	*****	1.40	19
CLAREMORE	1828	3	38.5	30	1.1	74.	3	7.	10	794.0	-62.0	.0	.0	2.210	30	*****	1.42	19
CLEVELAND 5 WSW	1902	3	39.4	31	*****	74.	2	8.	9	794.0	*****	.0	*****	2.282	31	*****	1.20	19
FORAKER	3250	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.730	31	.23	.83	19
HOLLOW	4258	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.202	30	*****	1.55	19
HOMINY	4289	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.883	31	.31	1.32	19
HULAH DAM	4393	3	37.1	20	*****	76.	5	3.	11	558.5	*****	.0	*****	1.710	27	*****	1.00	19
JAY TOWER	4567	3	39.7	31	*****	79.	3	4.	9	784.5	*****	.0	*****	2.550	31	*****	1.22	19
KANSAS 1 ESE	4672	3	40.1	31	.6	71.	2	6.	10	772.0	-19.0	.0	.0	3.745	31	.54	1.37	17
KEYSTONE DAM	4812	3	39.6	27	*****	75.	3	9.	9	686.0	*****	.0	*****	1.320	29	*****	.90	19
LENAPAH	5118	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.540	31	*****	1.30	19
MANNFORD 6 NW	5522	3	40.5	30	1.6	75.	3	9.	10	734.5	-74.5	.0	.0	2.662	31	.87	1.21	19
MARAMEC	5540	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.090	31	.61	1.00	19
NOWATA	6485	3	37.7	31	-.3	73.	3	5.	9	847.0	10.0	.0	.0	2.370	31	.35	1.44	19
OLOGAH DAM	6729	3	38.7	31	*****	75.	3	6.	10	814.5	*****	.0	*****	2.022	31	*****	1.28	19
PAWHUSKA	6935	3	37.9	31	.3	73.	2	6.	9	839.5	-9.5	.0	.0	2.312	31	.64	1.39	19
PAWNEE	6940	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.360	31	.83	1.00	19
PRYOR 6 N	7309	3	39.2	31	2.1	74.	3	9.	10	799.5	-65.5	.0	.0	2.294	31	-1.11	1.13	19
RALSTON	7390	3	38.5	31	.6	73.	2	8.	10	821.5	-18.5	.0	.0	2.281	31	.72	1.05	20
SKIATOOK	8258	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.620	31	-.04	.87	19
SPAVINAW	8380	3	41.7	31	1.3	73.	2	8.	9	721.0	-42.0	.0	.0	2.775	31	.27	1.27	19
TULSA WSO APT	8992	3	39.4	31	.5	76.	2	10.	9	794.5	-14.5	.0	.0	1.773	31	-.39	.76	18
UPPER SPAVINAW	9101	3	40.4	31	*****	73.	2	6.	9	763.0	*****	.0	*****	2.202	31	*****	1.15	19
VINITA 2 N	9203	3	38.3	31	.8	73.	2	3.	10	828.5	-24.5	.0	.0	2.440	31	-.09	1.41	19
WAGONER	9247	3	40.8	31	.2	75.	2	9.	10	750.5	-5.5	.0	.0	2.401	31	-.04	1.84	18
WYNONA	9792	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.162	31	*****	1.35	19
WANN	9298	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.180	31	*****	1.20	19

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

NAME	ID	CD	DEV				MIN		HEAT	DEV	COOL	DEV	TOT	NUM	DEV		24-HR	DAY
			MEAN	NUM	FROM	MAX	DAY	TEMP	DAY	DEG	FROM	DEG			FROM	PPT		
CANTON DAM	1445	4	36.4	30	.2	72.	2	10.	11	859.0	-34.0	.0	.0	.780	30	*****	.57	18
CLINTON	1909	4	38.3	31	-1.0	72.	13	12.	10	827.0	30.0	.0	.0	.975	31	-.02	.52	18
COLONY	2039	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.602	31	*****	.40	19
CORDELL	2125	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.183	31	.28	.48	18
ELK CITY 1 E	2849	4	38.7	31	.0	78.	2	11.	9	816.0	1.0	.0	.0	1.213	31	.44	.70	18
ERICK 4 E	2944	4	38.9	31	-.1	80.	2	10.	10	809.5	3.5	.0	.0	1.342	31	.63	.97	18
GEARY	3497	4	38.0	31	-.4	67.	13	12.	28	836.0	11.0	.0	.0	1.540	31	.60	.60	18
HAMMON 3 SSW	3871	4	36.0	31	-.2	77.	3	10.	10	898.0	5.0	.0	.0	1.610	31	.85	1.10	18
LEEDY	5090	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.390	31	.75	.72	18
MORAVIA 2 NNE	6035	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.140	31	.32	.82	18
OKEENE	6629	4	37.1	31	-1.8	70.	1	9.	9	863.5	54.5	.0	.0	1.550	31	.50	.60	18
RETROP	7565	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.191	31	*****	.80	18
REYDON	7579	4	36.0	30	-2.0	78.	2	5.	9	871.5	34.5	.0	.0	1.710	30	*****	1.25	18
SAYRE	7952	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.182	31	.59	.83	18
SWEETWATER 2 E	8652	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.473	31	*****	1.05	17
TALOGA	8708	4	35.7	31	-1.6	75.	2	8.	10	908.0	49.0	.0	.0	1.290	31	.61	.52	19
THOMAS	8815	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.900	31	*****	.50	18
VICI	9172	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.581	31	.72	.70	18
WATONGA	9364	4	38.1	31	.0	72.	1	11.	9	834.5	.5	.0	.0	1.582	31	.52	.65	18
WEATHERFORD	9422	4	38.2	31	1.1	73.	1	12.	10	829.5	-35.5	.0	.0	.800	31	-.09	.49	18

DECEMBER 1995 SUMMARY FOR CENTRAL DIVISION (CD5)

NAME	ID	CD	DEV					MIN	DAY	DAY	HEAT DEG	DEV FROM NORM	COOL DEG	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX	24-HR	DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	DAY													
AMBER	200	5	****	0	****	****	0	****	0	*****	*****	*****	*****	1.690	31	****	.80	19		
ARCADIA	288	5	****	0	****	****	0	****	0	*****	*****	*****	*****	2.250	31	****	.85	21		
TINKER AFB	325	5	****	0	****	****	0	****	0	*****	*****	*****	*****	2.143	31	****	.99	18		
BLANCHARD 2 SSW	830	5	41.4	31	.1	76.	13	12.	9	731.0	-4.0	.0	.0	2.302	31	.71	1.06	19		
BRISTOW	1144	5	40.9	31	.8	76.	2	9.	10	748.5	-23.5	.0	.0	1.822	31	-.25	1.13	19		
CHANDLER	1684	5	42.0	27	****	75.	3	11.	9	620.0	*****	.0	*****	1.770	31	.24	.65	17		
CHICKASHA EX ST	1750	5	39.6	31	-.9	75.	13	9.	10	787.5	27.5	.0	.0	1.750	31	.49	.90	19		
COX CITY 1 E	2196	5	****	0	****	****	0	****	0	*****	*****	*****	*****	2.370	31	****	.75	19		
CRESCENT	2242	5	****	0	****	****	0	****	0	*****	*****	*****	*****	1.600	31	****	.72	18		
CUSHING	2318	5	39.5	31	1.3	73.	3	9.	10	792.0	-39.0	.0	.0	2.201	31	.67	.96	19		
EL RENO 1 N	2818	5	40.9	31	2.1	72.	2	14.	9	747.0	-65.0	.0	.0	1.540	31	.50	.54	19		
GUTHRIE	3821	5	38.4	31	-1.5	73.	2	7.	10	825.0	47.0	.0	.0	2.254	31	.75	.65	19		
HENNESSEY 4 ESE	4055	5	37.7	31	-.4	69.	2	9.	9	847.5	13.5	.0	.0	1.970	31	.93	.64	18		
INGALLS	4489	5	****	0	****	****	0	****	0	*****	*****	*****	*****	2.381	31	****	.80	19		
KINGFISHER 2 SE	4861	5	38.6	31	-.5	72.	2	11.	10	818.0	15.0	.0	.0	2.380	31	1.19	.83	19		
KONAWA	4915	5	****	0	****	****	0	****	0	*****	*****	*****	*****	2.921	31	1.04	1.32	16		
MARSHALL	5589	5	****	0	****	****	0	****	0	*****	*****	*****	*****	1.760	31	.61	.64	18		
MEEKER 4 W	5779	5	40.7	30	.5	76.	2	10.	10	729.0	-40.0	.0	.0	2.640	31	1.22	1.13	18		
MULHALL	6110	5	****	0	****	****	0	****	0	*****	*****	*****	*****	1.980	31	****	.65	18		
NORMAN NWS	6386	5	40.2	31	-.8	76.	13	9.	10	768.0	24.0	.0	.0	2.700	31	1.12	1.00	19		
OILTON 2 SE	6616	5	****	0	****	****	0	****	0	*****	*****	*****	*****	3.410	31	****	1.34	29		
OKMAH	6638	5	43.6	31	2.8	77.	2	14.	9	663.5	-86.5	.0	.0	2.101	31	.10	.92	19		
OKLAHOMA CTY WS	6661	5	40.0	31	.7	74.	13	11.	10	776.5	-20.5	.0	.0	2.354	31	.95	1.10	18		
PERKINS	7003	5	****	0	****	****	0	****	0	*****	*****	*****	*****	2.230	31	.70	.68	18		
PIEDMONT	7068	5	****	0	****	****	0	****	0	*****	*****	*****	*****	1.830	31	****	.60	18		
PRAGUE	7264	5	****	0	****	****	0	****	0	*****	*****	*****	*****	1.420	31	-.40	.67	19		
PURCELL 5 SW	7327	5	41.5	31	1.0	76.	2	9.	10	727.5	-32.5	.0	.0	3.650	31	1.82	1.40	19		
SEMINOLE	8042	5	42.2	31	.2	75.	2	11.	10	705.5	-7.5	.0	.0	2.130	31	.31	1.12	17		
SHAWNEE	8110	5	****	0	****	****	0	****	0	*****	*****	*****	*****	2.201	31	.32	.90	17		
STELLA	8479	5	****	0	****	****	0	****	0	*****	*****	*****	*****	2.844	31	****	1.30	19		
STILLWATER 2 W	8501	5	39.7	31	2.3	74.	3	10.	10	784.5	-71.5	.0	.0	2.281	31	.98	.78	19		
STROUD 1 N	8563	5	****	0	****	****	0	****	0	*****	*****	*****	*****	1.822	31	****	.77	19		
TECUMSEH	8751	5	****	0	****	****	0	****	0	*****	*****	*****	*****	2.900	31	****	1.00	17		
TROUSDALE 6S	8960	5	****	0	****	****	0	****	0	*****	*****	*****	*****	2.610	31	****	.91	19		
UNION CITY 1 SE	9086	5	****	0	****	****	0	****	0	*****	*****	*****	*****	1.462	31	.11	.47	19		
WELTY 1 SSE	9479	5	****	0	****	****	0	****	0	*****	*****	*****	*****	2.312	31	****	.95	17		
WEWOKA	9575	5	****	0	****	****	0	****	0	*****	*****	*****	*****	2.220	31	.32	.90	17		

DECEMBER 1995 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

NAME	ID	CD	DEV					MIN	DAY	DAY	HEAT DEG	DEV FROM NORM	COOL DEG	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX	24-HR	DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	DAY													
ASHLAND	364	6	****	0	****	****	0	****	0	*****	*****	*****	*****	2.083	31	****	1.02	19		
BEGGS	631	6	****	0	****	****	0	****	0	*****	*****	*****	*****	2.180	31	****	.77	19		
BOYNTON	1027	6	****	0	****	****	0	****	0	*****	*****	*****	*****	2.262	31	****	.87	19		
CALVIN	1391	6	****	0	****	****	0	****	0	*****	*****	*****	*****	2.410	31	.22	1.21	19		
CHECOTAH	1711	6	****	0	****	****	0	****	0	*****	*****	*****	*****	2.113	31	-.34	1.00	19		
CLAYTON 14 WNW	1858	6	****	0	****	****	0	****	0	*****	*****	*****	*****	3.320	31	****	1.33	17		
DEWAR 2 NE	2485	6	****	0	****	****	0	****	0	*****	*****	*****	*****	2.254	31	.16	.81	19		
DUSTIN	2690	6	****	0	****	****	0	****	0	*****	*****	*****	*****	2.120	31	****	.77	17		
EUFULA	2993	6	42.0	30	-.9	73.	15	11.	9	690.0	5.0	.0	.0	2.360	31	-.34	.80	18		
HANNA	3884	6	41.1	31	-.4	76.	14	9.	10	739.5	10.5	.0	.0	2.035	31	-.40	.70	19		
HARTSHORNE	3946	6	****	0	****	****	0	****	0	*****	*****	*****	*****	2.900	31	****	.99	17		
HASKELL	3956	6	****	0	****	****	0	****	0	*****	*****	*****	*****	2.101	31	-.18	.83	19		
HOLDENVILLE	4235	6	41.3	31	-.5	76.	14	9.	10	735.5	16.5	.0	.0	1.890	31	-.06	.85	19		
LAKE EUFAULA	4975	6	37.6	25	****	75.	15	6.	10	685.5	*****	.0	*****	2.321	29	****	.87	18		
LYONS 2 N	5437	6	****	0	****	****	0	****	0	*****	*****	*****	*****	3.270	31	.52	1.28	18		
MCALESTER FAA	5664	6	43.7	31	2.5	79.	14	11.	10	667.0	-71.0	7.0	7.0	1.615	31	-1.00	.66	18		
MCCURTAIN 1 SE	5693	6	42.3	31	-.2	77.	14	6.	10	705.0	7.0	.0	.0	3.891	31	1.07	1.85	17		
MUSKOGEE	6130	6	42.2	31	1.6	76.	2	10.	10	705.5	-50.5	.0	.0	2.321	31	-.58	1.29	18		
OKMULGEE W W	6670	6	39.8	30	.4	77.	4	8.	11	756.5	-37.5	.0	.0	1.861	31	-.37	.74	17		
OKTAHA 2 NE	6678	6	****	0	****	****	0	****	0	*****	*****	*****	*****	2.370	31	****	1.16	19		
QUINTON	7372	6	****	0	****	****	0	****	0	*****	*****	*****	*****	2.180	31	-.46	.78	17		
SALLISAW 2 NW	7862	6	39.7	31	-1.6	74.	15	9.	11	783.0	48.0	.0	.0	2.880	31	.07	1.27	19		
SCIPIO	7979	6	****	0	****	****	0	****	0	*****	*****	*****	*****	2.070	31	****	.79	19		
SHORT	8170	6	****	0	****	****	0	****	0	*****	*****	*****	*****	3.020	31	****	1.11	19		
STILWELL 1 NE	8506	6	39.2	31	-.8	72.	14	5.	10	800.5	25.5	.0	.0	3.540	30	****	1.73	19		
TAHLEQUAH	8677	6	40.2	31	.5	73.	14	6.	10	768.0	-16.0	.0	.0	2.171	31	-.83	1.21	19		
WEBBERS FALLS	9445	6	40.1	30	.7	76.	3	8.	10	746.5	-47.5	.0	.0	2.842	30	****	.95	19		
WESTVILLE	9523	6	****	0	****	****	0	****	0	*****	*****	*****	*****	3.060	31	****	1.03	31		
WETUMKA 3 NE	9571	6	****	0	****	****	0	****	0	*****	*****	*****	*****	2.780	31	.66	.82	19		

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

NAME	ID	CD	DEV					HEAT		DEV		COOL		DEV		TOT	NUM	DEV	MAX	DAY
			MEAN	NUM	FROM	MAX	MIN	DEG	FROM	DEG	FROM	DEG	FROM	FROM	NORM					
			TEMP	OBS	NORM	TEMP	DAY	TEMP	DAY	DAY	NORM	DAY	NORM	PPT	OBS	NORM	24-HR			
ALTUS IRR STA	179	7	42.8	25	*****	83.	2	18.	23	554.5	*****	.0	*****	.900	31	-.01	.70	18		
ALTUS DAM	184	7	40.9	31	1.2	81.	14	9.	10	747.5	-36.5	.0	.0	1.080	31	.22	.86	18		
ANADARKO	224	7	41.2	26	*****	73.	13	11.	10	619.5	*****	.0	*****	3.300	30	*****	3.20	18		
APACHE	260	7	*****	0	*****	***	0	****	0	*****	*****	*****	*****	1.510	31	.35	.65	18		
ALTUS AFB	447	7	*****	0	*****	***	0	****	0	*****	*****	*****	*****	.765	31	*****	.63	17		
CARNEGIE 2 ENE	1504	7	40.2	31	.3	77.	13	11.	10	769.5	-8.5	.0	.0	.852	31	-.21	.50	17		
CHATTANOOGA	1706	7	42.8	31	1.3	78.	2	13.	10	687.5	-41.5	.0	.0	.890	31	-.29	.37	18		
DUNCAN 11 W	2668	7	*****	0	*****	***	0	****	0	*****	*****	*****	*****	1.342	31	*****	.51	17		
FREDERICK	3353	7	42.5	28	*****	82.	14	14.	9	629.5	*****	.0	*****	.720	31	-.31	.60	18		
HEADRICK	3998	7	*****	0	*****	***	0	****	0	*****	*****	*****	*****	.670	31	*****	.48	17		
HOBART FAA APT	4204	7	40.0	31	.1	78.	13	13.	10	776.5	-1.5	.0	.0	.773	31	-.07	.29	17		
HOLLIS	4249	7	40.2	31	-.6	82.	2	11.	10	769.5	19.5	.0	.0	1.940	31	1.26	.97	31		
LAWTON	5063	7	41.3	31	1.4	76.	14	14.	9	735.5	-42.5	.0	.0	1.180	31	-.07	.44	18		
FORT SILL	5068	7	42.3	30	*****	77.	13	15.	10	680.0	*****	.0	*****	1.254	30	*****	.67	17		
LOOKEBA 2 ENE	5329	7	*****	0	*****	***	0	****	0	*****	*****	*****	*****	1.351	31	.33	.47	19		
MANGUM RES STA	5509	7	41.5	31	.7	82.	2	13.	10	728.0	-22.0	.0	.0	.990	31	.20	.80	18		
RANDLETT 9 E	7403	7	*****	0	*****	***	0	****	0	*****	*****	*****	*****	1.410	31	*****	.54	18		
ROOSEVELT	7727	7	*****	0	*****	***	0	****	0	*****	*****	*****	*****	.490	31	-.48	.35	18		
SEDAN	8016	7	*****	0	*****	***	0	****	0	*****	*****	*****	*****	.552	31	*****	.26	18		
SNYDER	8299	7	*****	0	*****	***	0	****	0	*****	*****	*****	*****	.580	31	-.40	.36	18		
VINSON 3 WNW	9212	7	*****	0	*****	***	0	****	0	*****	*****	*****	*****	1.380	31	.68	1.03	18		
WALTERS	9278	7	42.4	31	-.1	79.	2	12.	10	700.0	2.0	.0	.0	1.760	31	.36	.75	17		
WICHITA MT WLR	9629	7	39.2	31	.7	77.	14	8.	10	799.5	-22.5	.0	.0	.620	31	-.64	.29	18		
WILLOW	9668	7	*****	0	*****	***	0	****	0	*****	*****	*****	*****	1.492	31	*****	.98	18		

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

NAME	ID	CD	DEV					HEAT		DEV		COOL		DEV		TOT	NUM	DEV	MAX	DAY
			MEAN	NUM	FROM	MAX	MIN	DEG	FROM	DEG	FROM	DEG	FROM	FROM	NORM					
			TEMP	OBS	NORM	TEMP	DAY	TEMP	DAY	DAY	NORM	DAY	NORM	PPT	OBS	NORM	24-HR			
ADA	17	8	41.1	31	-1.1	76.	14	10.	10	741.0	34.0	.0	.0	2.160	31	.18	.87	17		
ALLEN	147	8	*****	0	*****	***	0	****	0	*****	*****	*****	*****	2.520	31	*****	1.25	19		
ARDMORE	292	8	44.8	31	.1	79.	13	13.	10	628.0	-1.0	3.0	3.0	1.840	31	-.01	.78	19		
ATOKA DAM	394	8	46.1	19	*****	79.	14	12.	11	365.0	*****	5.5	*****	2.030	27	*****	1.35	18		
CANEY	1437	8	*****	0	*****	***	0	****	0	*****	*****	*****	*****	2.300	31	*****	1.32	18		
CENTRAHOMA	1648	8	*****	0	*****	***	0	****	0	*****	*****	*****	*****	2.050	31	*****	.85	19		
CHICKASAW NRA	1745	8	41.1	28	*****	78.	4	11.	27	670.5	*****	.0	*****	2.780	31	.91	1.17	17		
COLEMAN	2011	8	*****	0	*****	***	0	****	0	*****	*****	*****	*****	2.350	31	*****	.85	30		
COMANCHE	2054	8	*****	0	*****	***	0	****	0	*****	*****	*****	*****	1.820	31	.22	.70	18		
DAISY 4 ENE	2354	8	*****	0	*****	***	0	****	0	*****	*****	*****	*****	3.691	31	.78	1.80	17		
DUNCAN	2660	8	42.3	31	1.0	78.	14	13.	9	702.5	-32.5	.0	.0	2.170	31	.68	.70	18		
DURANT USDA	2678	8	42.8	31	.6	79.	15	12.	11	690.5	-16.5	2.0	2.0	3.730	31	1.51	1.45	17		
ELMORE CITY	2872	8	*****	0	*****	***	0	****	0	*****	*****	*****	*****	3.020	31	*****	1.00	19		
GRADY	3688	8	*****	0	*****	***	0	****	0	*****	*****	*****	*****	1.630	31	*****	.58	17		
HEALDTON	4001	8	43.5	31	1.2	80.	13	11.	10	668.5	-35.5	1.0	1.0	2.120	31	.47	.76	19		
HENNEPIN	4052	8	*****	0	*****	***	0	****	0	*****	*****	*****	*****	2.260	31	*****	.59	19		
KETCHUM RANCH	4780	8	*****	0	*****	***	0	****	0	*****	*****	*****	*****	2.580	31	*****	1.60	18		
KINGSTON	4865	8	*****	0	*****	***	0	****	0	*****	*****	*****	*****	2.430	31	.31	1.93	17		
LEHIGH	5108	8	*****	0	*****	***	0	****	0	*****	*****	*****	*****	2.051	31	*****	.60	19		
LINDSAY 2 W	5216	8	41.7	31	.5	77.	13	11.	10	722.5	-15.5	.0	.0	2.372	31	.68	.76	17		
LOCO 6 SE	5247	8	*****	0	*****	***	0	****	0	*****	*****	*****	*****	1.320	31	*****	.42	19		
MADILL	5468	8	43.7	31	-.1	78.	13	11.	10	661.5	4.5	.0	.0	2.430	31	.42	.67	22		
MARIETTA	5563	8	44.8	31	1.0	80.	14	12.	10	627.0	-30.0	.0	.0	2.230	31	.38	.90	19		
MARLOW 1 WSW	5581	8	42.7	31	1.2	78.	13	12.	10	691.5	-37.5	.0	.0	1.820	31	.43	.59	18		
MCGEE CREEK DAM	5713	8	43.5	31	*****	79.	14	12.	11	672.0	*****	4.0	*****	2.301	31	*****	1.28	18		
PAULS VALLEY	6926	8	42.3	31	.5	79.	14	9.	10	702.5	-16.5	.0	.0	2.730	31	.93	.98	17		
PONTOTOC	7214	8	*****	0	*****	***	0	****	0	*****	*****	*****	*****	2.621	31	.76	1.06	16		
TISHOMINGO NWLR	8884	8	43.1	31	.3	77.	14	9.	10	678.5	-9.5	.5	.5	2.250	31	.12	2.25	18		
TUSSY	9032	8	*****	0	*****	***	0	****	0	*****	*****	*****	*****	1.460	31	*****	.60	17		
WAURIKA	9395	8	44.0	31	.6	81.	13	14.	10	650.5	-19.5	.5	.5	2.450	31	.90	1.78	17		
WAURIKA DAM	9399	8	45.8	20	*****	81.	14	13.	11	385.0	*****	.0	*****	2.381	31	*****	1.00	17		

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

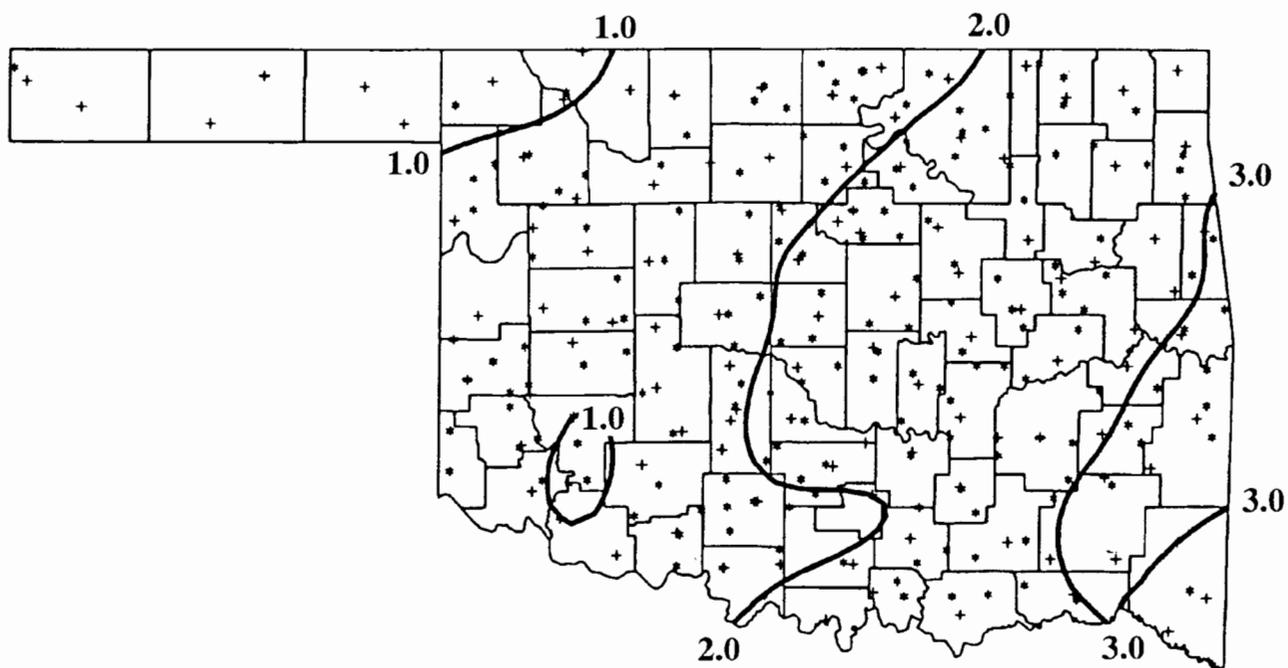
NAME	ID	CD	DEV					HEAT		DEV		COOL		DEV		DEV		
			MEAN	NUM	FROM	MAX	MIN	DEG	FROM	DEG	FROM	TOT	NUM	FROM	MAX	24-HR	DAY	
			TEMP	OBS	NORM	TEMP	DAY	TEMP	DAY	DAY	NORM	DAY	NORM	PPT	OBS	NORM	MAX	
ANTLERS	256	9	43.8	31	.7	77.	14	11.	10	660.0	-19.0	1.5	1.5	*****	0	*****	*****	0
BATTIEST 1 SSW	567	9	40.5	30	*****	73.	14	8.	10	734.5	*****	.0	*****	3.050	31	*****	1.05	18
BEAR MT TWR	584	9	41.0	13	*****	76.	4	13.	9	312.0	*****	.0	*****	2.410	31	-1.85	.83	19
BENGAL	670	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.400	31	*****	1.26	19
BOSWELL 4 NNW	980	9	43.6	31	-.2	78.	14	9.	10	669.0	12.0	4.5	4.5	3.380	31	.60	1.23	17
BROKEN BOW 1 N	1162	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.930	31	-1.05	1.45	18
BROKEN BOW DAM	1168	9	43.8	31	1.1	79.	15	12.	11	657.0	-34.0	.0	.0	2.610	31	-1.49	1.18	18
CARNASAW TWR	1499	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.300	31	-.81	.89	18
CARTER TWR	1544	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.080	31	-1.04	1.05	17
FANSHAWE	3065	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.770	31	-.44	1.00	18
HEAVENER 1 SE	4008	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.760	31	.27	2.00	17
HUGO	4384	9	45.2	31	.4	78.	13	13.	10	618.5	-7.5	4.0	4.0	2.580	31	-.74	.85	19
IDABEL	4451	9	42.6	31	-.7	79.	15	11.	11	697.0	24.0	4.0	4.0	4.450	31	.77	1.20	9
PINE CREEK DAM	7080	9	44.2	21	*****	79.	15	12.	11	437.0	*****	.5	*****	3.660	31	*****	1.75	19
POTEAU W W	7254	9	40.8	31	*****	77.	15	8.	10	751.5	*****	.0	*****	3.551	31	*****	1.65	17
SMITHVILLE 1 W	8285	9	40.6	31	-1.1	73.	14	8.	10	755.0	33.0	.0	.0	3.052	31	-1.30	1.25	18
SPIRO	8416	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.590	31	1.53	1.46	18
TUSKAHOMA	9023	9	43.9	31	.7	76.	14	8.	10	658.5	-17.5	4.0	4.0	2.331	31	-.49	.90	19
VALLIANT 3 W	9118	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.810	31	.10	1.46	18
WILBURTON 9 ENE	9634	9	42.1	31	.3	76.	14	8.	10	710.0	-9.0	.0	.0	4.241	31	1.25	1.80	17

**DECEMBER 1995 CLIMATE DIVISION SUMMARY**

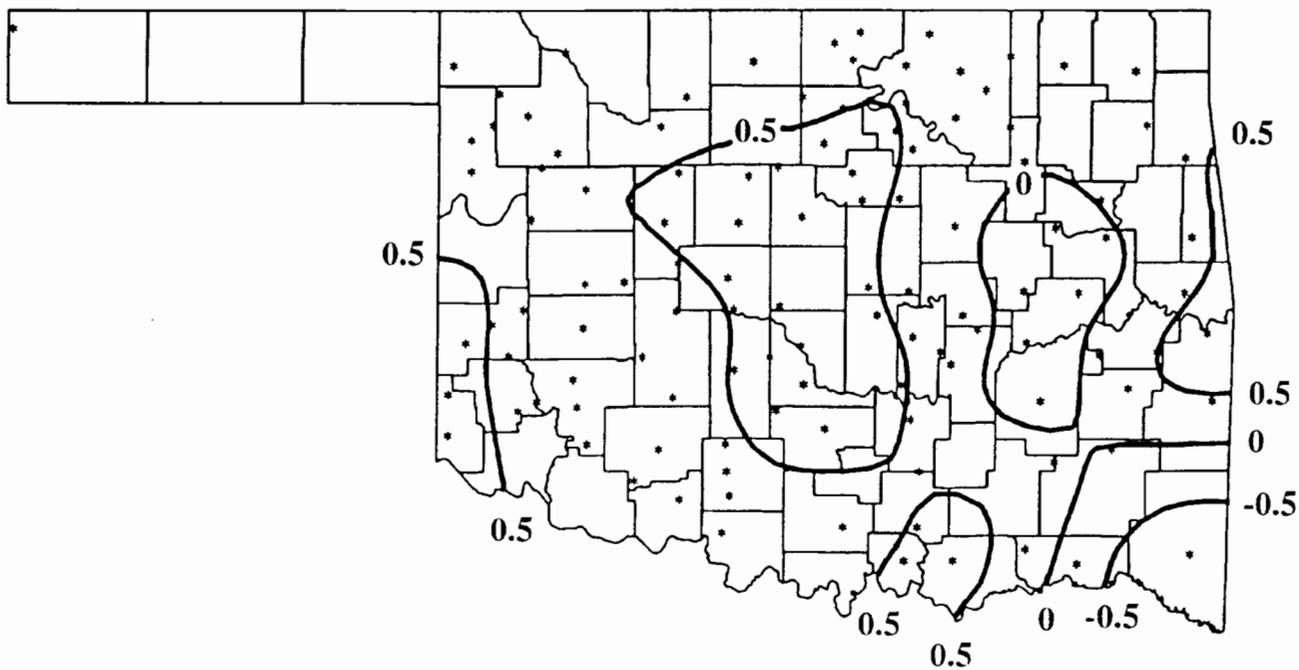
CLIMATE	MEAN	NUM	DEV					HEAT		DEV		COOL		DEV		DEV	
			FROM	MAX	MIN	DEGREE	FROM	DEGREE	FROM	TOT	NUM	FROM	MAX	24-HR	DAY		
DIV	TEMP	STA	NORM	TEMP	DAY	TEMP	DAY	DAYS	NORM	DAYS	NORM	PPT	STA	NORM	24-HR	DAY	
1	35.1	8	-.1	80.0	1	1.0	10	927.4	2.6	.0	.0	.96	9	.40	1.36	18	
2	37.0	13	.4	78.0	1	2.0	9	864.9	-17.1	.0	.0	1.45	23	.38	1.36	19	
3	39.2	18	1.0	79.0	3	3.0	10	795.8	-34.1	.0	.0	2.23	27	.30	1.84	18	
4	37.4	11	-.7	80.0	2	5.0	9	850.2	15.3	.0	.0	1.25	18	.44	1.25	18	
5	40.3	15	.3	77.0	2	7.0	10	763.4	-12.3	.0	.0	2.22	37	.67	1.40	19	
6	41.1	11	.1	79.0	14	5.0	10	736.1	-10.0	.6	.6	2.44	26	-.10	1.85	17	
7	41.1	10	.6	83.0	2	8.0	10	739.3	-20.7	.0	.0	1.06	22	.04	3.20	18	
8	43.1	13	.7	81.0	14	9.0	10	679.7	-20.7	.8	.8	2.33	30	.43	2.25	18	
9	42.7	10	-.5	79.0	15	8.0	10	691.1	15.7	1.8	1.8	3.31	19	-.24	2.00	17	

MESONET MONTHLY SUMMARY FOR DECEMBER 1995

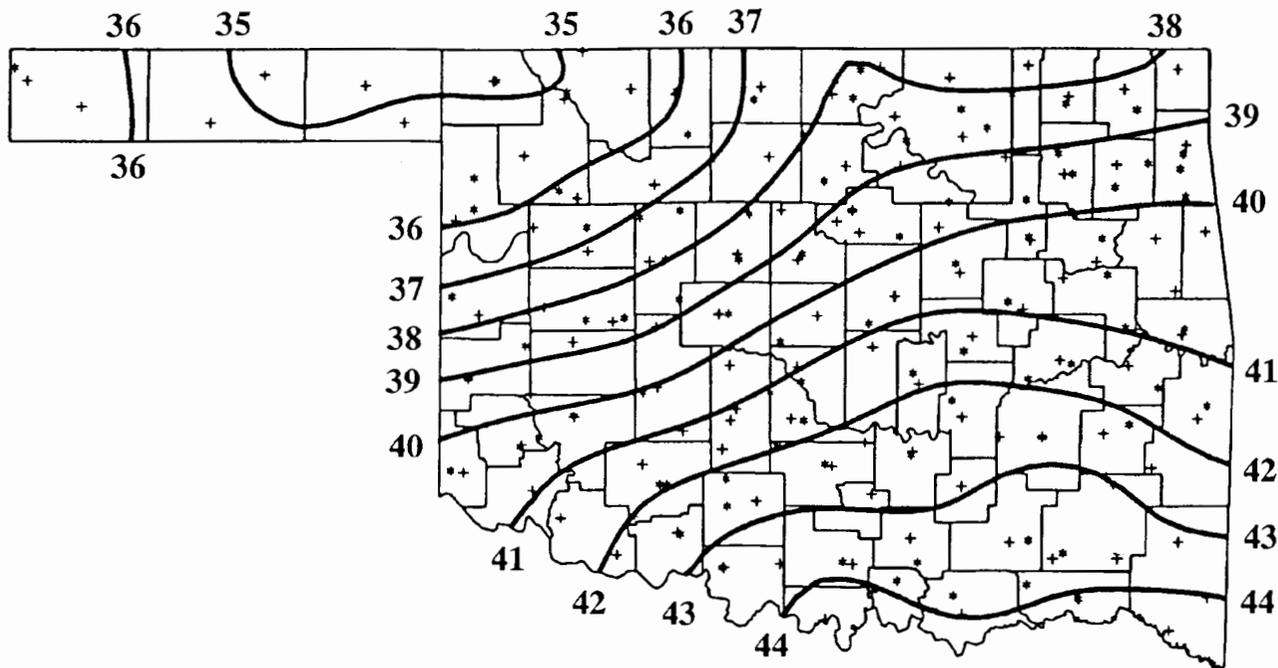
NAME	MEAN TEMP	MAX TEMP	DAY	MIN TEMP	DAY	HDD	CDD	TOT PPT	MAX 24-HR	DAY	NAME	MEAN TEMP	MAX TEMP	DAY	MIN TEMP	DAY	HDD	CDD	TOT PPT	MAX 24-HR	DAY
NORTHWEST																					
ARNETT	36.7	79	1	7	9	877	0	1.41	.78	17	GOODWELL	35.5	76	1	3	9	916	0	.67	.29	17
BEAVER	34.4	79	1	1	9	950	0	.44	.11	19	HOOKER	34.0	78	1	3	9	961	0	.36	.28	17
BOISE CITY	36.7	75	2	2	9	878	0	.18	.08	19	KENTON	36.1	73	2	5	9	895	0	.13	.04	18
BUFFALO	34.2	76	1	4	9	955	0	.65	.30	30	SLAPOUT	36.1	78	1	4	9	896	0	.79	.30	17
NORTH CENTRAL																					
ALVA	35.1	70	1	7	9	927	0	.96	.39	18	MAY RANCH	35.8	76	1	4	9	904	0	.80	.23	30
BLACKWELL	38.0	72	2	8	9	835	0	1.84	.56	18	MEDFORD	37.3	71	1	7	9	859	0	1.20	.31	18
BRECKENRIDGE	37.5	71	1	8	9	851	0	1.80	.44	26	NEWKIRK	37.0	70	1	4	9	868	0	1.93	.83	18
CHEROKEE	34.4	70	2	5	9	949	0	1.26	.40	18	RED ROCK	38.4	73	2	7	9	826	0	1.99	.68	17
FAIRVIEW	37.5	71	1	9	9	854	0	2.05	.73	5	SEILING	36.9	79	1	8	9	870	0	1.30	.42	17
FREEDOM	35.5	77	1	7	9	913	0	1.09	.31	19	WOODWARD	37.0	79	1	7	9	866	0	.29	.20	17
LAHOMA	36.8	69	1	8	9	874	0	1.06	.28	17											
NORTHEAST																					
BIXBY	40.7	78	2	11	10	754	0	1.68	.81	18	NOWATA	37.9	74	2	4	10	839	0	2.25	1.28	18
BURBANK	36.9	72	2	6	9	871	0	2.20	.78	18	PAWNEE	39.6	75	2	9	9	786	0	2.01	.60	17
CLAREMORE	39.9	77	2	8	10	778	0	****	****	0	PRYOR	39.4	76	2	6	10	794	0	2.23	1.08	18
COPAN	37.4	73	2	5	9	855	0	1.95	.52	18	SKIATOOK	39.9	76	2	8	9	-779	0	2.05	.96	18
FORAKER	37.5	74	2	5	9	853	0	1.91	.88	18	TULLAHASSEE	40.2	74	2	10	9	769	0	2.23	1.06	18
JAY	38.6	74	2	3	10	818	0	2.87	1.15	18	VINITA	37.2	73	2	2	10	862	0	2.37	1.33	18
MIAMI	36.9	72	2	3	10	870	0	2.78	1.23	18	WYNONA	39.0	76	2	8	9	804	0	1.82	.82	18
WEST CENTRAL																					
BESSIE	39.1	76	13	13	9	802	0	1.18	.57	17	PUTNAM	37.4	77	1	9	9	857	0	1.29	.49	17
BUTLER	38.4	79	2	12	9	825	0	1.71	.88	17	RETROP	40.0	81	13	12	9	773	0	1.13	.74	17
CAMARGO	36.0	78	2	9	9	900	0	1.28	.56	17	WATONGA	38.8	72	1	12	9	811	0	.95	.35	17
CHEYENNE	38.1	79	2	8	9	832	0	1.91	1.15	17	WEATHERFORD	38.5	72	13	12	9	820	0	.80	.33	17
ERICK	38.6	83	2	10	9	819	0	1.37	.96	17											
CENTRAL																					
ACME	42.5	78	13	12	10	699	0	1.69	.75	17	MINCO	40.4	74	2	12	10	761	0	1.90	.61	17
BOWLEGS	42.4	78	2	10	10	701	0	1.88	.66	17	NINNEKAH	42.3	78	13	11	10	704	0	1.71	.70	17
BRISTOW	40.9	78	2	8	10	746	0	2.22	.90	18	NORMAN	42.0	76	2	14	9	712	0	2.63	1.28	17
CHANDLER	40.4	75	2	11	9	761	0	1.99	.70	17	OILTON	39.0	77	2	8	10	805	0	2.64	1.01	18
CHICKASHA	41.3	77	13	10	10	733	0	1.98	.72	17	OKEMAH	41.1	77	2	10	10	739	0	2.17	.71	18
EL RENO	39.1	73	2	11	10	801	0	1.45	.51	17	PERKINS	40.0	77	1	11	9	776	0	2.39	.95	17
GUTHRIE	40.6	74	1	12	9	757	0	2.18	.89	17	SHAWNEE	41.8	76	2	13	9	719	0	1.41	.52	18
KINGFISHER	38.2	71	1	11	9	831	0	2.24	.88	17	SPENCER	39.8	75	13	10	9	780	0	2.76	1.27	17
MARENA	39.7	74	2	10	9	784	0	2.35	.85	17	STILLWATER	38.5	73	2	10	9	822	0	1.94	.69	17
MARSHALL	37.7	71	1	9	9	846	0	1.60	.69	17	WASHINGTON	41.9	77	13	12	10	717	0	2.84	1.21	17
EAST CENTRAL																					
CALVIN	42.6	78	2	11	10	696	1	2.09	.84	18	SALLISAW	41.5	78	2	10	10	727	0	2.82	1.17	18
COOKSON	40.2	74	2	6	10	769	0	2.72	1.10	18	STIGLER	40.8	76	14	10	10	749	0	2.29	.84	17
EUFULA	41.8	75	2	12	9	718	0	2.58	1.07	18	STUART	42.8	77	2	10	10	691	4	2.20	.81	18
HASKELL	40.4	77	2	10	10	761	0	2.45	1.02	17	TAHLEQUAH	39.2	72	2	5	9	798	0	2.53	1.02	18
MCALESTER	42.7	77	14	10	10	697	5	1.87	.61	18	WEBBERS FALLS	41.7	78	14	11	10	723	0	2.37	.90	18
OKMULGEE	40.8	78	2	9	10	749	0	2.07	.73	18	WESTVILLE	40.4	73	14	6	10	762	0	3.30	1.44	18
SOUTHWEST																					
ALTUS	41.1	82	2	11	10	742	0	.84	.65	17	HOLLIS	40.6	84	2	11	9	756	0	****	****	0
APACHE	39.7	73	13	12	9	784	0	1.59	.79	17	MANGUM	40.6	82	13	10	10	757	0	.99	.77	17
FORT COBB	39.8	78	13	12	10	781	0	.54	.24	17	MEDICINE PARK	42.9	78	13	14	9	686	0	.98	.47	17
GRANDFIELD	41.9	81	2	13	10	715	0	1.14	.82	17	TIPTON	40.7	84	13	13	10	752	0	.57	.36	17
HINTON	38.8	73	13	12	9	813	0	1.12	.33	17	WALTERS	42.7	81	2	12	10	690	0	1.45	.72	17
HOBART	39.5	79	13	12	10	791	0	.79	.35	17											
SOUTH CENTRAL																					
ADA	43.1	79	2	12	10	682	3	2.24	.69	17	LANE	43.6	77	2	11	10	668	4	3.23	1.93	17
ARDMORE	45.1	81	2	13	10	626	8	2.17	.89	18	MADILL	45.8	82	2	11	10	603	9	2.36	1.07	18
BURNEYVILLE	43.9	81	13	7	10	661	5	2.93	1.47	17	PAULS VALLEY	44.0	81	13	14	10	653	3	1.25	.62	17
BYARS	42.6	78	13	13	9	696	2	2.81	1.26	18	RINGLING	44.1	83	13	11	10	653	4	1.70	.79	17
CENTRAHOMA	43.5	80	2	9	10	674	6	2.14	.94	18	SULPHUR	41.7	78	13	8	10	724	1	.67	.14	18
DURANT	45.1	80	2	15	9	628	10	3.59	2.42	17	TISHOMINGO	42.0	78	13	9	10	713	1	2.15	.77	18
KETCHUM RANCH	42.5	79	13	13	9	699	0	2.32	1.34	17	WAURIKA	44.1	83	13	12	10	651	2	2.25	1.45	17
SOUTHEAST																					
ANTLERS	43.7	81	14	9	10	667	6	3.28	1.99	17	IDABEL	45.3	80	14	13	10	621	11	3.87	1.21	8
BROKEN BOW	44.9	80	14	13	10	623	0	.46	.19	17	MT HERMAN	41.6	73	14	10	10	725	0	3.62	1.50	17
CLAYTON	43.6	79	14	10	10	671	7	4.20	2.35	17	TALIHINA	43.0	77	14	10	10	686	3	4.41	2.38	17
CLOUDY	43.4	76	2	13	10	669	0	3.68	1.67	17	WILBURTON	42.8	78	2	11	10	691	4	1.28	.43	17
HUGO	44.6	78	14	14	10	640	7	2.77	.99	18	WISTER	40.4	75	14	8	10	762	0	3.18	1.91	17



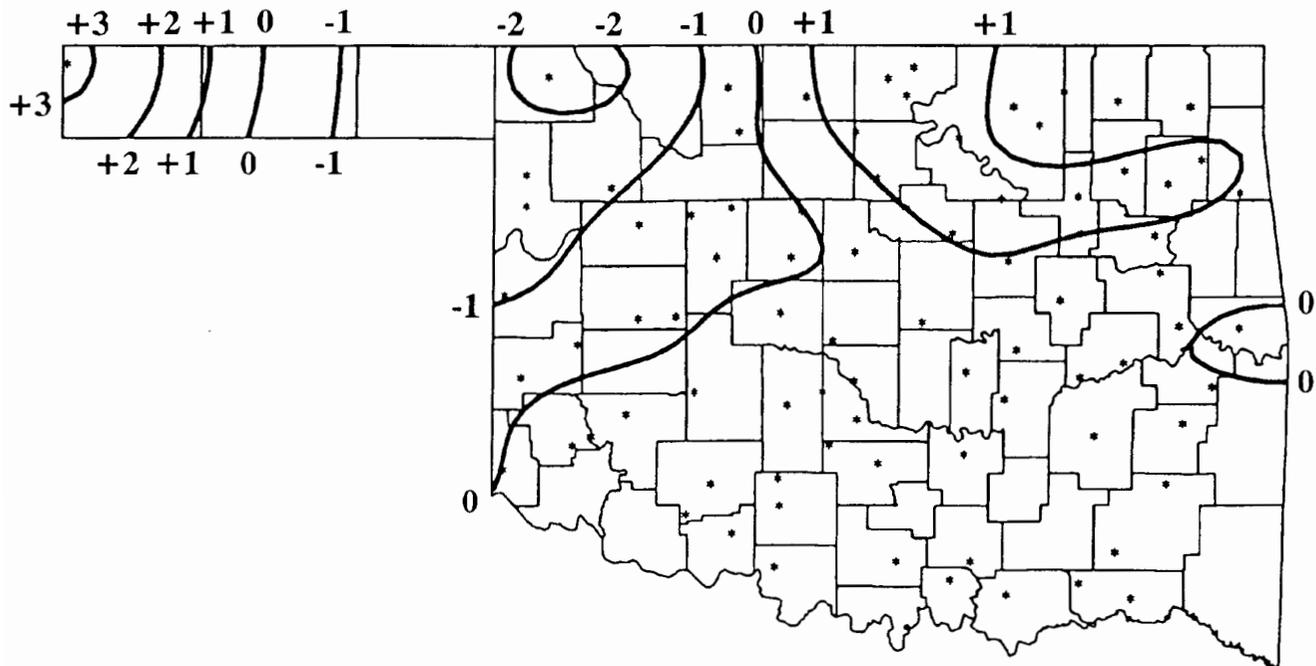
DECEMBER 1995 TOTAL PRECIPITATION  
(Inches)



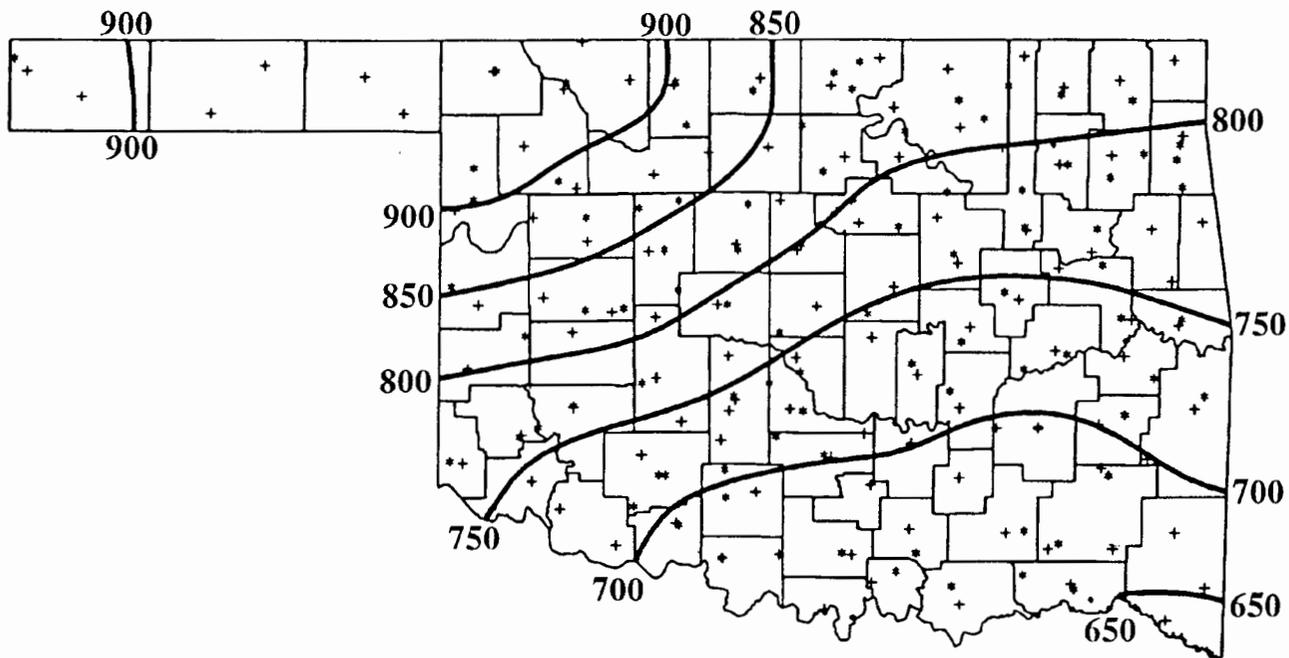
DECEMBER 1995 DEVIATION FROM NORMAL PRECIPITATION  
(Inches)



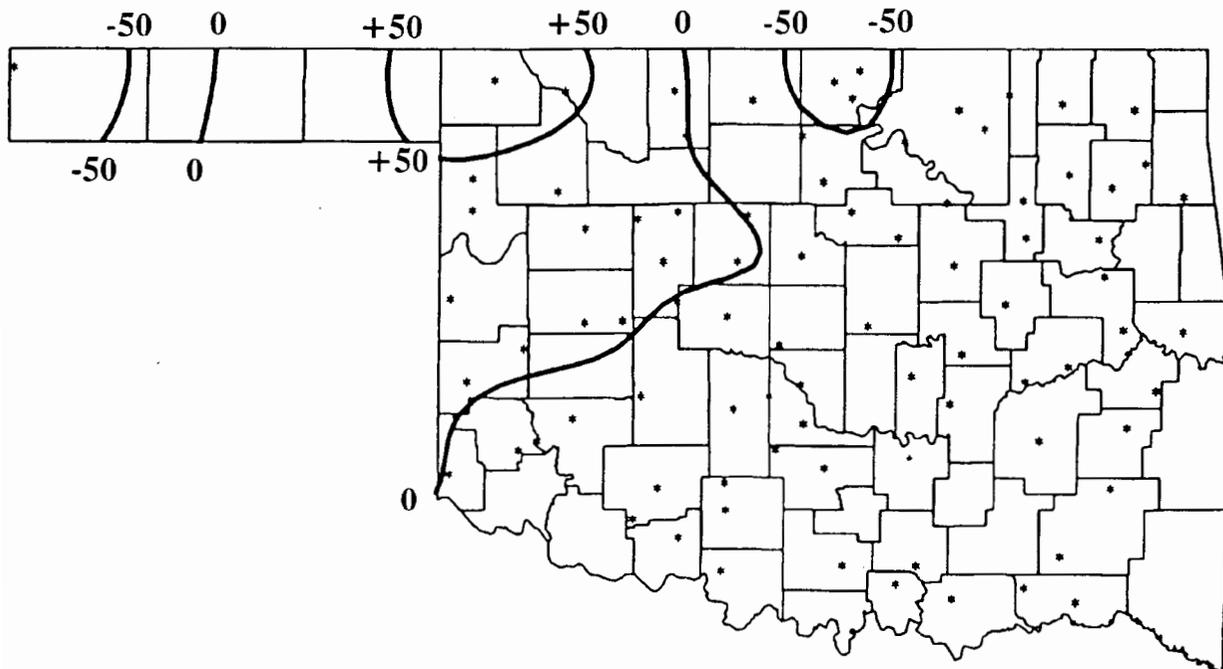
DECEMBER 1995 AVERAGE MONTHLY TEMPERATURES  
(Degrees F)



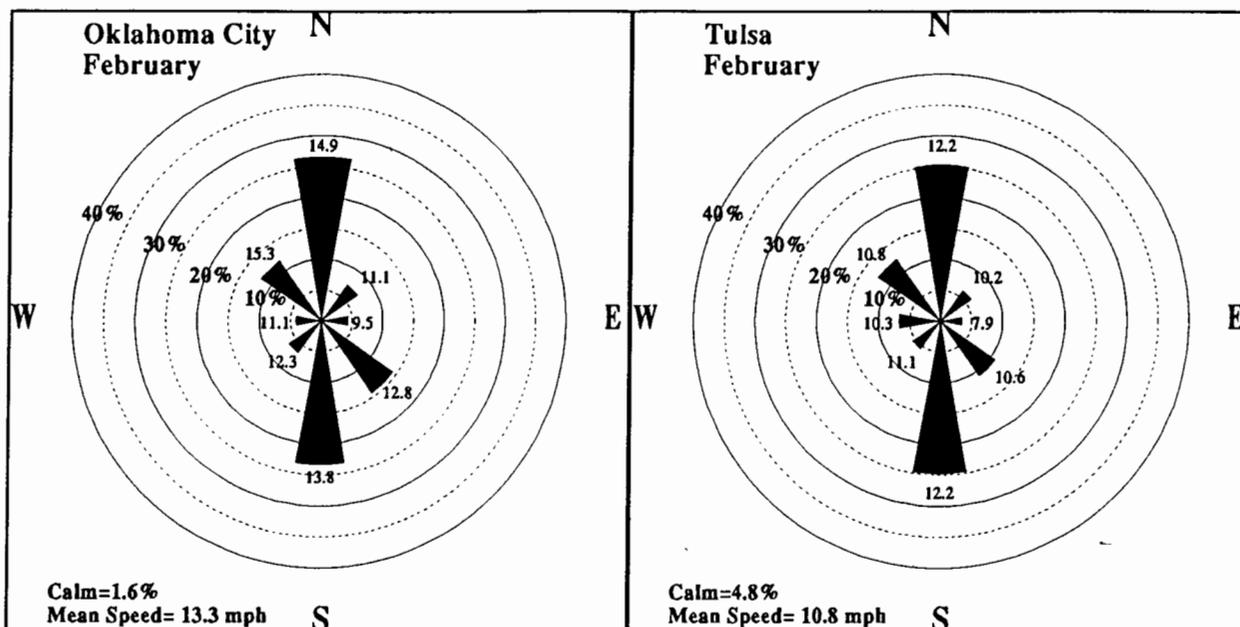
DECEMBER 1995 DEVIATION FROM NORMAL TEMPERATURES  
(Degrees F)



DECEMBER 1995 HEATING DEGREE DAYS



DECEMBER 1995 DEVIATION FROM NORMAL HEATING DEGREE DAYS



**February 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.

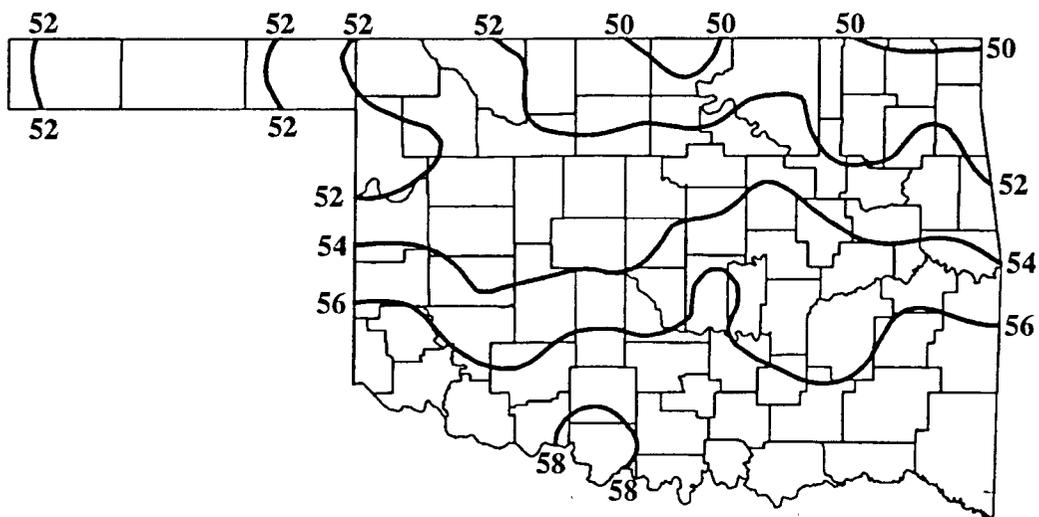
**FEBRUARY 1996 SUNRISE AND SUNSET**

**OKLAHOMA CITY**

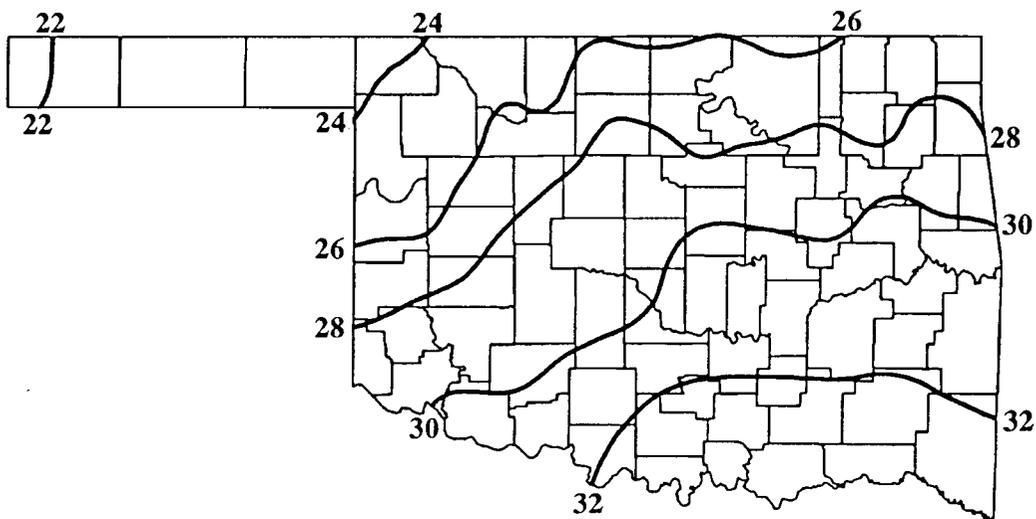
**TULSA**

DATE	SUNRISE	SUNSET	DAYLIGHT
96 2 1	7:30AM	5:58PM cst	10 hrs 28 mins
96 2 2	7:29AM	5:59PM cst	10 hrs 29 mins
96 2 3	7:28AM	6: 0PM cst	10 hrs 31 mins
96 2 4	7:28AM	6: 1PM cst	10 hrs 33 mins
96 2 5	7:27AM	6: 2PM cst	10 hrs 35 mins
96 2 6	7:26AM	6: 3PM cst	10 hrs 36 mins
96 2 7	7:25AM	6: 4PM cst	10 hrs 38 mins
96 2 8	7:24AM	6: 5PM cst	10 hrs 40 mins
96 2 9	7:24AM	6: 6PM cst	10 hrs 42 mins
96 210	7:23AM	6: 7PM cst	10 hrs 44 mins
96 211	7:22AM	6: 8PM cst	10 hrs 46 mins
96 212	7:21AM	6: 9PM cst	10 hrs 48 mins
96 213	7:20AM	6:10PM cst	10 hrs 50 mins
96 214	7:19AM	6:11PM cst	10 hrs 52 mins
96 215	7:18AM	6:12PM cst	10 hrs 54 mins
96 216	7:17AM	6:13PM cst	10 hrs 56 mins
96 217	7:16AM	6:13PM cst	10 hrs 58 mins
96 218	7:15AM	6:14PM cst	11 hrs 0 mins
96 219	7:14AM	6:15PM cst	11 hrs 2 mins
96 220	7:13AM	6:16PM cst	11 hrs 4 mins
96 221	7:11AM	6:17PM cst	11 hrs 6 mins
96 222	7:10AM	6:18PM cst	11 hrs 8 mins
96 223	7: 9AM	6:19PM cst	11 hrs 10 mins
96 224	7: 8AM	6:20PM cst	11 hrs 12 mins
96 225	7: 7AM	6:21PM cst	11 hrs 14 mins
96 226	7: 5AM	6:22PM cst	11 hrs 16 mins
96 227	7: 4AM	6:23PM cst	11 hrs 19 mins
96 228	7: 3AM	6:24PM cst	11 hrs 21 mins
96 229	7: 2AM	6:25PM cst	11 hrs 23 mins

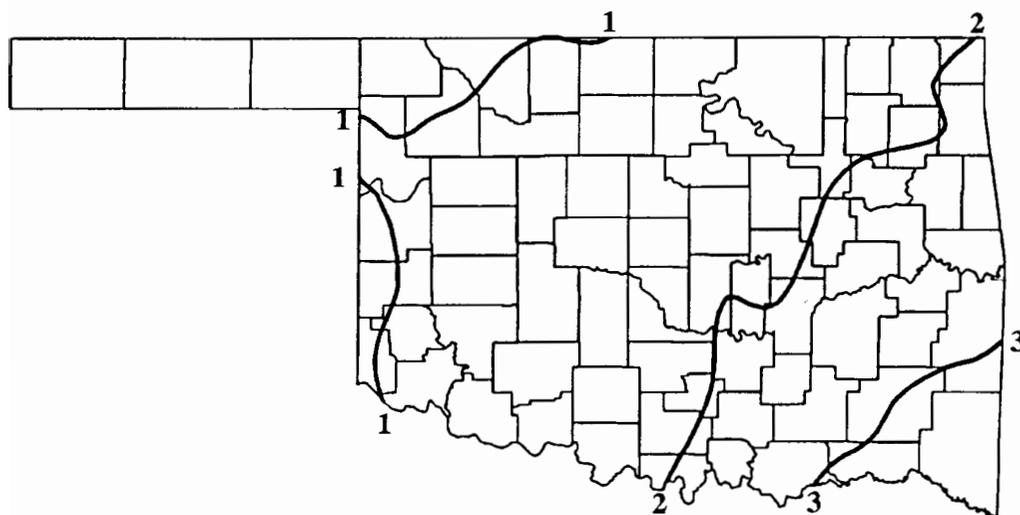
DATE	SUNRISE	SUNSET	DAYLIGHT
96 2 1	7:25AM	5:49PM cst	10 hrs 25 mins
96 2 2	7:24AM	5:50PM cst	10 hrs 27 mins
96 2 3	7:23AM	5:51PM cst	10 hrs 28 mins
96 2 4	7:22AM	5:52PM cst	10 hrs 30 mins
96 2 5	7:22AM	5:54PM cst	10 hrs 32 mins
96 2 6	7:21AM	5:55PM cst	10 hrs 34 mins
96 2 7	7:20AM	5:56PM cst	10 hrs 36 mins
96 2 8	7:19AM	5:57PM cst	10 hrs 38 mins
96 2 9	7:18AM	5:58PM cst	10 hrs 40 mins
96 210	7:17AM	5:59PM cst	10 hrs 42 mins
96 211	7:16AM	6: 0PM cst	10 hrs 43 mins
96 212	7:15AM	6: 1PM cst	10 hrs 45 mins
96 213	7:14AM	6: 2PM cst	10 hrs 47 mins
96 214	7:13AM	6: 3PM cst	10 hrs 50 mins
96 215	7:12AM	6: 4PM cst	10 hrs 52 mins
96 216	7:11AM	6: 5PM cst	10 hrs 54 mins
96 217	7:10AM	6: 6PM cst	10 hrs 56 mins
96 218	7: 9AM	6: 7PM cst	10 hrs 58 mins
96 219	7: 8AM	6: 8PM cst	11 hrs 0 mins
96 220	7: 7AM	6: 9PM cst	11 hrs 2 mins
96 221	7: 5AM	6:10PM cst	11 hrs 4 mins
96 222	7: 4AM	6:11PM cst	11 hrs 6 mins
96 223	7: 3AM	6:12PM cst	11 hrs 8 mins
96 224	7: 2AM	6:13PM cst	11 hrs 11 mins
96 225	7: 1AM	6:13PM cst	11 hrs 13 mins
96 226	6:59AM	6:14PM cst	11 hrs 15 mins
96 227	6:58AM	6:15PM cst	11 hrs 17 mins
96 228	6:57AM	6:16PM cst	11 hrs 19 mins
96 229	6:56AM	6:17PM cst	11 hrs 22 mins



February Normal Daily Maximum Temperatures (°F)



February Normal Daily Minimum Temperatures (°F)



February Normal Monthly Precipitation (inches)

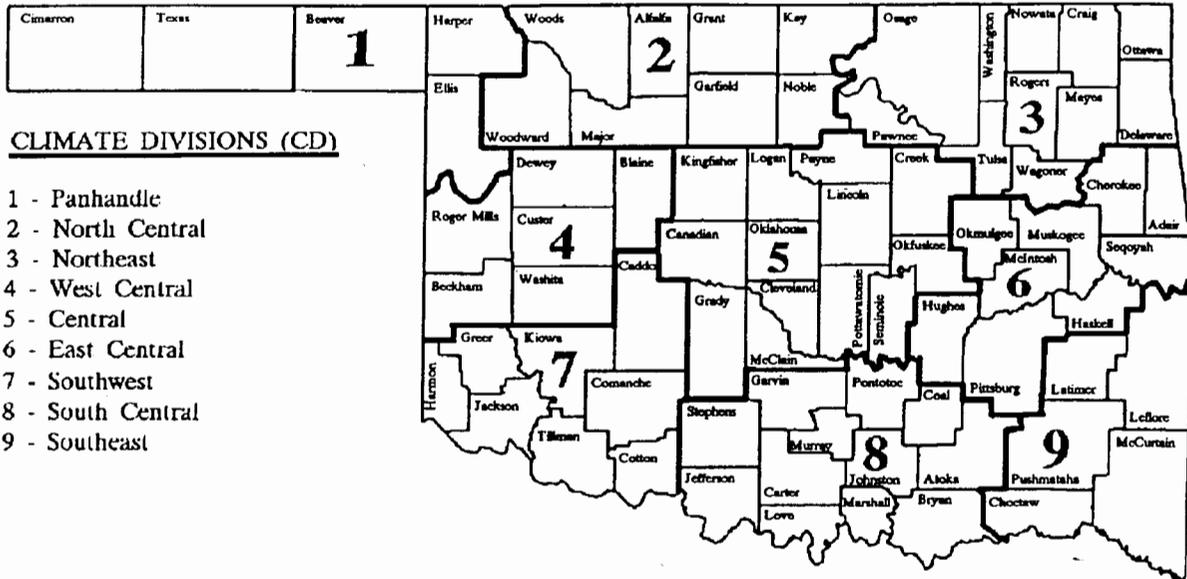
SEASONAL NATIONAL WEATHER SERVICE OUTLOOK

(February through April 1996)

Precipitation - Near Normal Statewide

Temperature - Near Normal Statewide

# OKLAHOMA



## 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).

February 1996

Normal	1	Actual	Normal	2	Actual	Normal	3	Actual	Normal	4	Actual	Normal	5	Actual	Normal	6	Actual	Normal	7	Actual
48.4	max		45.2	max		47.1	max		49.6	max		47.5	max		45.0	max		47.3	max	
27.5	min		26.1	min		26.6	min		28.5	min		28.3	min		26.3	min		24.9	min	
0.4	ppt		0.3	ppt		0.6	ppt		0.7	ppt		0.9	ppt		0.2	ppt		0.5	ppt	
27	hdd		29	hdd		28	hdd		26	hdd		27	hdd		29	hdd		29	hdd	
0	ddd		0	ddd		0	ddd		0	ddd		0	ddd		0	ddd		0	ddd	
	Highest Max	90-1911		Highest Max	77-1962		Highest Max	78-1962		Highest Max	77-1962		Highest Max	77-1962		Highest Max	73-1904		Highest Max	76-1937
	Lowest Max	14-1918		Lowest Max	10-1905		Lowest Max	7-1905		Lowest Max	15-1989		Lowest Max	16-1982		Lowest Max	16-1905		Lowest Max	6-1933
	Lowest Min	2-1951		Lowest Min	4-1895		Lowest Min	0-1989		Lowest Min	-1-1959		Lowest Min	3-1989		Lowest Min	3-1895		Lowest Min	-8-1895
	Highest Min	58-1986		Highest Min	58-1986		Highest Min	58-1986		Highest Min	58-1927		Highest Min	57-1908		Highest Min	54-1931		Highest Min	50-1894
	Greatest ppt	71-1990		Greatest ppt	88-1943		Greatest ppt	1-13-1950		Greatest ppt	1-32-1964		Greatest ppt	1-05-1987		Greatest ppt	1-38-1892		Greatest ppt	84-1980
Normal	8	Actual	Normal	9	Actual	Normal	10	Actual	Normal	11	Actual	Normal	12	Actual	Normal	13	Actual	Normal	14	Actual
48.8	max		50.8	max		53.1	max		49.4	max		52.2	max		53.5	max		52.4	max	
28.1	min		27.8	min		27.1	min		28.1	min		28.9	min		30.3	min		31.9	min	
0.6	ppt		0.4	ppt		0.3	ppt		0.6	ppt		0.8	ppt		0.4	ppt		1.0	ppt	
27	hdd		27	hdd		25	hdd		26	hdd		25	hdd		23	hdd		23	hdd	
0	ddd		0	ddd		0	ddd		0	ddd		0	ddd		0	ddd		0	ddd	
	Highest Max	73-1943		Highest Max	84-1922		Highest Max	79-1922		Highest Max	82-1962		Highest Max	84-1962		Highest Max	82-1962		Highest Max	81-1954
	Lowest Max	12-1925		Lowest Max	16-1899		Lowest Max	16-1933		Lowest Max	15-1989		Lowest Max	2-1905		Lowest Max	21-1905		Lowest Max	18-1951
	Lowest Min	5-1933		Lowest Min	3-1979		Lowest Min	4-1929		Lowest Min	-12-1899		Lowest Min	-17-1899		Lowest Min	-11-1905		Lowest Min	1-1936
	Highest Min	53-1966		Highest Min	51-1932		Highest Min	52-1952		Highest Min	57-1938		Highest Min	57-1962		Highest Min	54-1976		Highest Min	55-1954
	Greatest ppt	62-1966		Greatest ppt	2-10-1898		Greatest ppt	50-1953		Greatest ppt	1-12-1977		Greatest ppt	2-21-1978		Greatest ppt	76-1908		Greatest ppt	89-1938
Normal	15	Actual	Normal	16	Actual	Normal	17	Actual	Normal	18	Actual	Normal	19	Actual	Normal	20	Actual	Normal	21	Actual
50.4	max		51.3	max		53.8	max		54.6	max		53.9	max		54.7	max		51.3	max	
30.5	min		29.8	min		30.0	min		32.4	min		32.0	min		31.7	min		30.6	min	
0.6	ppt		0.2	ppt		0.4	ppt		0.4	ppt		0.5	ppt		0.8	ppt		1.0	ppt	
25	hdd		24	hdd		23	hdd		22	hdd		22	hdd		22	hdd		24	hdd	
0	ddd		0	ddd		0	ddd		0	ddd		0	ddd		0	ddd		0	ddd	
	Highest Max	81-1954		Highest Max	81-1927		Highest Max	79-1991		Highest Max	78-1986		Highest Max	83-1986		Highest Max	84-1981		Highest Max	79-1935
	Lowest Max	17-1909		Lowest Max	15-1903		Lowest Max	17-1936		Lowest Max	24-1936		Lowest Max	21-1929		Lowest Max	25-1918		Lowest Max	25-1911
	Lowest Min	7-1909		Lowest Min	4-1903		Lowest Min	5-1900		Lowest Min	-1-1978		Lowest Min	7-1903		Lowest Min	9-1918		Lowest Min	9-1939
	Highest Min	59-1976		Highest Min	63-1911		Highest Min	50-1926		Highest Min	53-1971		Highest Min	48-1906		Highest Min	55-1894		Highest Min	58-1922
	Greatest ppt	93-1938		Greatest ppt	2-15-1940		Greatest ppt	88-1961		Greatest ppt	88-1946		Greatest ppt	68-1994		Greatest ppt	1-31-1985		Greatest ppt	1-63-1971
Normal	22	Actual	Normal	23	Actual	Normal	24	Actual	Normal	25	Actual	Normal	26	Actual	Normal	27	Actual	Normal	28	Actual
54.0	max		54.4	max		53.9	max		57.8	max		58.6	max		58.3	max		56.9	max	
31.6	min		32.6	min		32.0	min		33.9	min		34.4	min		34.4	min		34.3	min	
0.7	ppt		0.3	ppt		0.5	ppt		0.2	ppt		0.3	ppt		0.8	ppt		0.7	ppt	
22	hdd		22	hdd		22	hdd		19	hdd										
0	ddd		0	ddd		0	ddd		0	ddd		0	ddd		0	ddd		0	ddd	
	Highest Max	83-1982		Highest Max	88-1918		Highest Max	87-1918		Highest Max	84-1917		Highest Max	78-1986		Highest Max	83-1918		Highest Max	90-1904
	Lowest Max	24-1968		Lowest Max	21-1914		Lowest Max	19-1960		Lowest Max	27-1960		Lowest Max	21-1924		Lowest Max	25-1962		Lowest Max	19-1922
	Lowest Min	11-1963		Lowest Min	7-1910		Lowest Min	7-1965		Lowest Min	10-1960		Lowest Min	10-1891		Lowest Min	12-1962		Lowest Min	7-1962
	Highest Min	55-1985		Highest Min	52-1956		Highest Min	58-1930		Highest Min	56-1944		Highest Min	59-1981		Highest Min	56-1981		Highest Min	62-1904
	Greatest ppt	1-15-1985		Greatest ppt	81-1985		Greatest ppt	94-1952		Greatest ppt	74-1936		Greatest ppt	1-34-1903		Greatest ppt	1-32-1966		Greatest ppt	98-1990
Normal	29	Actual	Normal	30	Actual	Normal	31	Actual	Normal	32	Actual	Normal	33	Actual	Normal	34	Actual	Normal	35	Actual
56.0	max		56.0	max		56.0	max		56.0	max		56.0	max		56.0	max		56.0	max	
31.0	min		31.0	min		31.0	min		31.0	min		31.0	min		31.0	min		31.0	min	
0.4	ppt		0.4	ppt		0.4	ppt		0.4	ppt		0.4	ppt		0.4	ppt		0.4	ppt	
22	hdd		22	hdd		22	hdd		22	hdd		22	hdd		22	hdd		22	hdd	
0	ddd		0	ddd		0	ddd		0	ddd		0	ddd		0	ddd		0	ddd	
	Highest Max	81-1972																		
	Lowest Max	22-1960																		
	Lowest Min	13-1960																		
	Highest Min	58-1932																		
	Greatest ppt	42-1948																		

FEBRUARY AVERAGES

TEMPERATURE : 41.1°F  
 PRECIPITATION : 1.55"  
 HEATING DEGREE DAYS : 696  
 COOLING DEGREE DAYS : 0



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