

# OKLAHOMA MONTHLY SUMMARY MARCH 1994

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## MONTHLY SUMMARY FOR MARCH 1994

During March 1994, Oklahoma was warmer than normal with near normal precipitation. A major spring snow storm provided much needed moisture to western and northern Oklahoma during March. The snow brought relief to the state's wheat crop which had been suffering from a lack of moisture since last autumn.

The statewide average of monthly total precipitation was 2.84 inches, exceeding normal by .03 inch. Year-to-date precipitation is 5.48 inches, approximately one-third of an inch below normal. Despite the recent snow, precipitation for the year in many areas of northern and western Oklahoma remains well below normal. The statewide average temperature for the month was 52.8 degrees, 2.1 degrees above normal. During the first three months of 1994 the average temperature of 42.9 degrees exceeds normal for the period by .1 degree.

March opened with a wintry mix of snow, sleet and rain. The greatest precipitation was in south central Oklahoma where Tishomingo, Ardmore and Kingston each reported more than 2 inches of precipitation on the 1st. Precipitation turned to snow at most locations overnight with Dewar reporting 3 inches of snow on the 2nd. Bartlesville reported 2 inches of snow and measurable snowfall was reported as far south as Pontotoc in Johnston County.

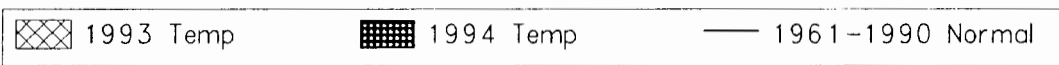
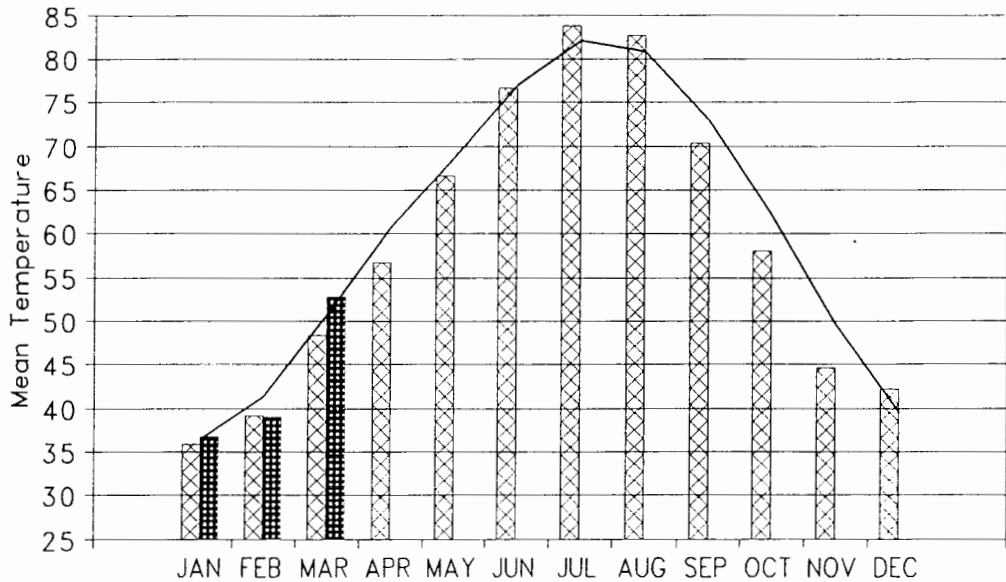
Thunderstorms in northeastern Oklahoma on the 6th reportedly produced a tornado near Lenapah in Nowata County. Strong winds shattered windows at Vinita. Thunderstorms that developed in western Oklahoma the following afternoon moved across the state overnight and produced over two inches of rain at such diverse locations as Altus Air Force Base in the southwest, Allen (Pontotoc County) in south central Oklahoma and Lyons (Adair County) in extreme eastern Oklahoma. Large hail was reported at many locations, including a report of baseball-sized hail near Davidson (Tillman County).

Very cold air entered northwestern Oklahoma on the 7th, lowering overnight temperatures in the Panhandle into the teens, and spread across the state on the 8th. A major late winter snowstorm developed on the 8th and moved across western and northern Oklahoma, leaving as much as 15 inches on snow in its path. The National Weather Service in Tulsa reported 12.1 inches of snow, breaking that city's all time record for snow in a 24-hour period. Guymon (Texas County), Okeene (Blaine County), Mulhall (Logan County) and Cleveland (Osage County) each reported 14 inches of snow. The 13 inches reported at Stillwater was a one-day snowfall record for that station.

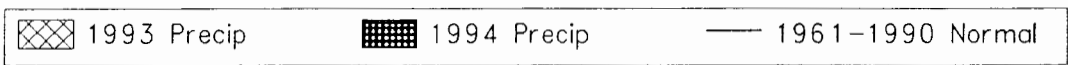
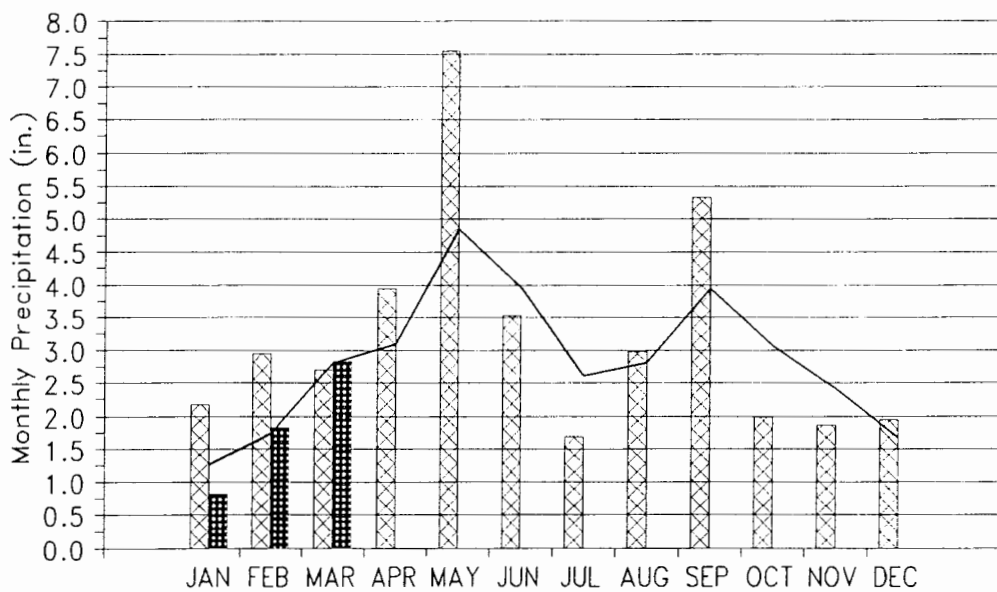
Daytime temperatures reached the 90s in western Oklahoma on the 16th through the 21st. Dry conditions, accompanied by strong winds supported grass fires in Woods County and near Keystone Lake from the 22nd through the 24th. Thunderstorms produced hail in south central Oklahoma on the 24th and in central parts of the state on the morning of the 28th. Westville (Adair County) reported over 2 inches of rain on the 26th. A cold front drove temperatures into the teens in extreme northwestern Oklahoma on the 27th and by the end of the month, overnight low temperatures in the 20s were reported as far southeast as Boswell (Choctaw County).

Howard L. Johnson

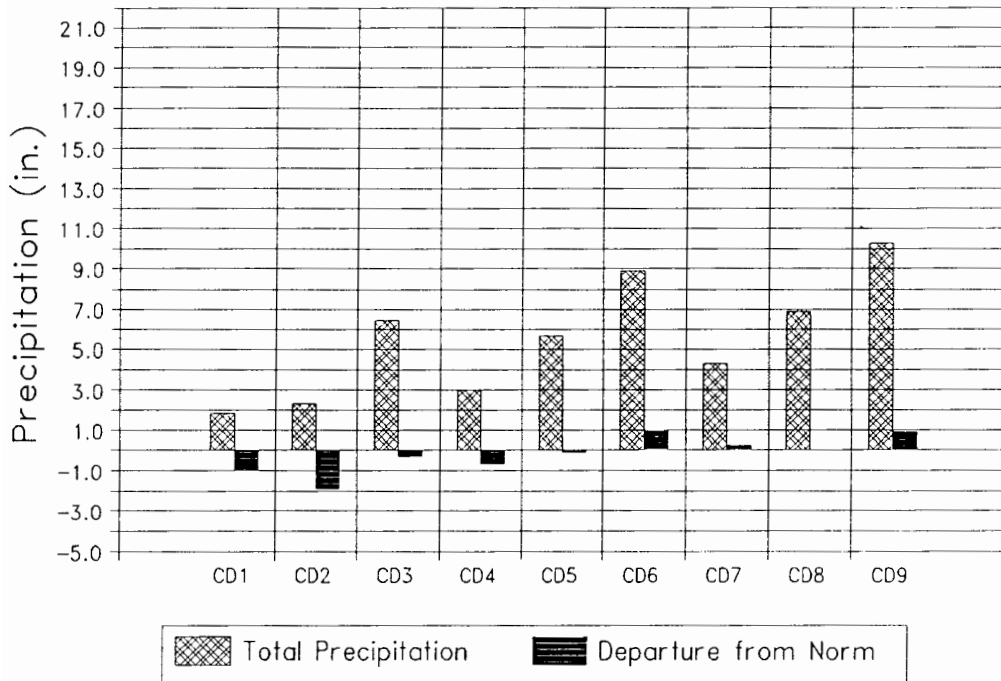
### 1993 and 1994 STATEWIDE TEMPERATURES Monthly Averages



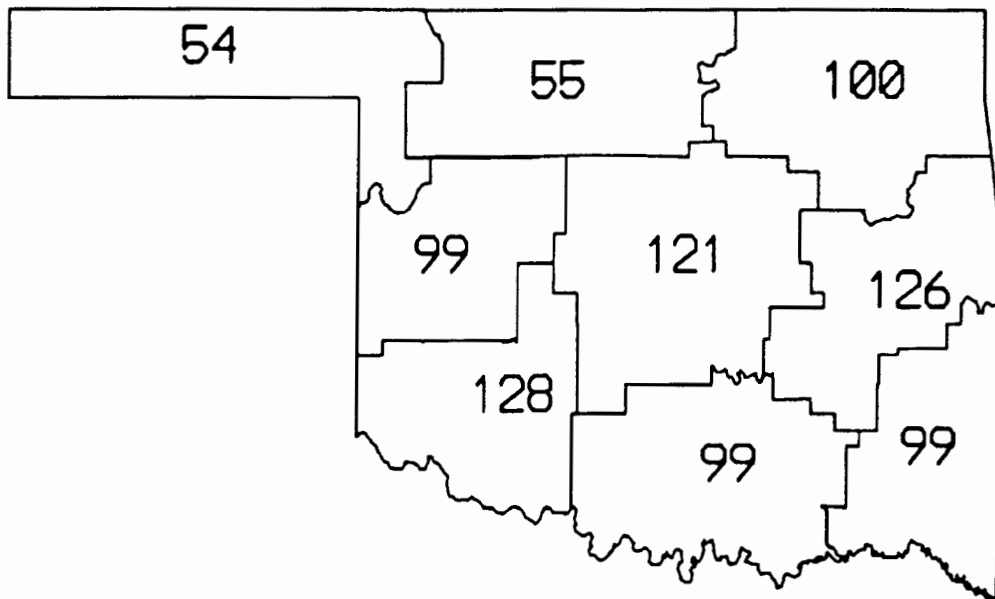
### 1993 and 1994 STATEWIDE PRECIPITATION Monthly Totals



### CD Averaged Precipitation January through March 1994



### CD PERCENT OF NORMAL PRECIPITATION



MARCH 1994

EXTREME VALUES OF TEMPERATURE AND PRECIPITATION IN EACH CLIMATE DIVISION  
MARCH, 1994

CD	MAX			MIN			24-HOUR			MONTHLY	
	TEMP	DATE	LOCATION	TEMP	DATE	LOCATION	PRECIP	DATE	LOCATION	PRECIP	LOCATION
1	92	17	GAGE	10	9	GOODWELL	1.40	9	BOISE CITY	1.66	GUYMON
				10	9	KENTON					
2	95	17	ALVA	18	10	FT SUPPLY DAM	1.15	9	HELENA	2.38	MORRISON
3	90	21	HULAH DAM	22	10	KANSAS	1.92	8	WAGONER	6.54	WAGONER
	90	20	MANNFORD	22	2	KEYSTONE DAM					
4	94	17	REYDON	18	10	TALOGA	1.85	8	THOMAS	3.56	COLONY
5	90	19	CHANDLER	21	10	HENNESSEY	2.10	8	COX CITY	5.10	WELTY
	90	20	CHANDLER								
	90	20	CHICKASHA								
6	88	20	HOLDENVILLE	17	3	SALLISAW	2.40	8	LYONS	6.21	DUSTIN
	88	24	MCCURTAIN								
7	93	19	ALTUS IRR STA	22	10	ALTUS DAM	2.75	8	ALTUS AFB	3.39	APACHE
				22	10	MANGUM					
				22	28	MANGUM					
8	90	20	HEALDTON	22	10	CHICKASAW NR	2.50	8	ALLEN	6.01	COMANCHE
	90	20	MARIETTA								
	90	20	WAURIKA DAM								
	90	21	WAURIKA DAM								
9	86	21	BROKEN BOW DM	21	10	BATTIEST	2.10	9	HEAVENER	5.43	BENGAL
				21	10	SMITHVILLE					
				21	10	TUSKAHOMA					

TABLE OF 1993/1994 COMPARISONS

Station	MARCH Temperature (°F)		MARCH Precipitation (in.)	
	1993	1994	1993	1994
Arnett	43.6	47.7	1.82	0.62
Enid	45.8	52.3	2.05	1.86
Mutual	44.4	48.3	1.68	0.82
Tulsa	47.5	53.4	2.30	3.59
Elk City	49.4	52.9	2.66	1.75
Oklahoma City	47.9	52.7	2.83	3.18
McAlester	51.9	55.8	3.07	4.77
Altus Irr Sta	51.5	55.2	2.50	2.11
Durant	51.5	55.8	3.84	2.86
Ada	50.5	54.8	4.32	5.53
Hugo	53.8	57.1	4.66	4.10

EXTREMES

Variable	Station	Division	Observation	Date
Minimum temperature (°F)	Goodwell	1	10	9
	Kenton	1	10	9
Maximum temperature (°F)	Alva	2	95	17
Maximum 24-hour precipitation	Altus AFB	7	2.75"	8

**MARCH 1994 SUMMARY FOR NORTHWEST DIVISION (CD1)**

NAME	ID	CD	DEV				HEAT			DEV		COOL		DEV		TOT	NUM	FROM	MAX	24-HR	DAY
			MEAN	NUM	FROM	MAX	DEG	DAY	FROM	DEG	DAY	DEG	FROM	PPT	OBS						
ARNETT	332	1	47.7	31	1.9	90.	18	19.	10	541.0	-54.0	5.5	5.5	.622	31	-1.01	.40	9			
BEAVER	593	1	46.5	31	1.9	85.	18	16.	28	574.5	-57.5	2.5	2.5	.951	31	-.50	.85	9			
BOISE CITY 2 E	908	1	47.4	31	2.1	80.	16	11.	9	545.5	-65.5	.0	.0	1.403	30	*****	1.40	9			
BUFFALO	1243	1	53.1	31	4.1	88.	17	21.	30	375.5	-130.5	7.5	-2.5	.400	31	-1.46	.25	9			
FARGO	3070	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.171	31	-.46	.88	9			
GAGE FAA APT	3407	1	50.2	31	2.2	92.	17	17.	30	475.5	-58.5	17.0	10.0	.662	31	-.85	.43	8			
GATE	3489	1	49.8	31	4.0	87.	18	20.	28	479.5	-122.5	7.0	.0	1.150	31	-.53	.78	9			
GOODWELL RES ST	3628	1	46.0	31	2.1	83.	18	10.	9	590.0	-64.0	.0	.0	.730	31	-.14	.73	9			
GUYMON	3835	1	47.8	26	*****	80.	23	17.	10	446.5	*****	.5	*****	1.660	28	*****	1.05	8			
HOOKER	4298	1	46.5	31	.6	84.	18	14.	9	576.0	-16.0	2.0	2.0	1.021	31	-.14	1.00	9			
KENTON	4766	1	47.1	31	4.1	82.	18	10.	9	555.0	-127.0	1.5	1.5	.632	30	*****	.61	9			
LAVERNE	5045	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.020	31	-.68	.71	9			
OPTIMA LAKE	6740	1	46.9	31	*****	88.	20	16.	28	564.5	*****	4.5	*****	.661	31	*****	.59	9			
REGNIER	7534	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.541	31	-.19	.51	8			
TURPIN 4 SSE	9017	1	45.9	31	*****	82.	18	14.	9	593.5	*****	.0	*****	.701	31	*****	.65	9			

**MARCH 1994 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)**

NAME	ID	CD	DEV				HEAT			DEV		COOL		DEV		TOT	NUM	FROM	MAX	24-HR	DAY
			MEAN	NUM	FROM	MAX	DEG	DAY	FROM	DEG	DAY	DEG	FROM	PPT	OBS						
ALVA	193	2	53.5	31	*****	95.	17	26.	30	376.5	*****	20.5	*****	1.700	31	*****	1.02	26			
VANCE AFB	302	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.071	29	*****	.54	8			
BILLINGS	755	2	48.8	31	1.0	84.	24	23.	2	506.0	-35.0	4.0	-4.0	1.410	31	-1.28	.82	9			
BLACKWELL 2E	818	2	51.2	31	3.1	85.	23	24.	30	439.0	-91.0	10.0	4.0	.901	31	-1.50	.47	9			
BRAMAN	1075	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.952	31	*****	.53	27			
CEDARDALE	1620	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.995	31	*****	.70	9			
CHEROKEE	1724	2	52.7	30	3.2	93.	17	23.	30	390.0	-100.0	19.5	10.5	1.071	30	*****	1.07	26			
ENID	2912	2	52.3	31	2.4	85.	17	26.	10	406.5	-71.5	14.0	4.0	1.860	31	-.43	1.09	9			
FT SUPPLY DAM	3304	2	48.9	31	2.9	90.	18	18.	10	500.0	-96.0	1.0	-6.0	.730	31	-.89	.52	9			
FREEDOM	3358	2	48.0	31	-.7	93.	18	19.	2	533.0	18.0	4.5	-5.5	1.350	31	-.51	.90	26			
GREAT SALT PLNS	3740	2	50.8	31	3.8	92.	18	25.	30	446.0	-118.0	7.0	1.0	.941	31	-1.42	.50	9			
HARDY	3909	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.250	31	*****	.55	25			
HELENA 1 SSE	4019	2	50.9	31	4.6	90.	18	25.	30	441.5	-138.5	5.5	5.5	1.474	31	-.92	1.15	9			
JEFFERSON	4573	2	53.2	31	4.1	90.	17	22.	30	386.0	-114.0	21.0	14.0	.703	31	-1.89	.49	8			
LAMONT	5013	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.010	31	*****	.46	9			
MEDFORD	5768	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.771	31	*****	.40	8			
MORRISON	6065	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.380	31	*****	.75	9			
MUTUAL	6139	2	48.3	31	2.1	92.	18	20.	30	524.0	-59.0	7.5	7.5	.820	31	-1.24	.70	9			
NEWKIRK	6278	2	51.6	31	2.8	85.	23	23.	30	430.0	-82.0	15.0	5.0	1.271	31	-1.10	.46	9			
ORIENTA	6751	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.310	31	-1.78	.25	27			
PERRY	7012	2	54.0	31	3.5	85.	23	24.	10	364.5	-99.5	24.5	10.5	2.220	31	-.49	.82	8			
PONCA CITY FAA	7201	2	52.9	31	5.0	90.	23	24.	30	403.0	-135.0	27.0	19.0	1.392	31	-1.14	.55	8			
RED ROCK 1 NNE	7505	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.891	31	-.70	.83	9			
WAYNOKA	9404	2	52.0	31	2.6	93.	17	21.	10	422.5	-71.5	19.5	9.5	.921	31	-.99	.62	9			
WOODWARD	9760	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.080	31	-.74	.80	9			

**MARCH 1994 SUMMARY FOR NORTHEAST DIVISION (CD3)**

NAME	ID	CD	DEV					HEAT		DEV		COOL		DEV		TOT	NUM	DEV	MAX	24-HR	DAY
			MEAN	NUM	FROM	MAX	MIN	DEG	FROM	DEG	FROM	DEG	FROM	FROM	NORM						
BARNSDALL	535	3	51.9	31	1.8	88.	20	25.	10	428.0	-44.0	21.5	11.5	2.370	29	*****	.77	9			
BARTLESVILLE 2W	548	3	53.1	31	2.9	89.	20	27.	3	388.5	-79.5	19.5	10.5	2.350	31	-.90	.95	9			
BIXBY	782	3	51.2	31	2.7	86.	24	28.	10	441.5	-78.5	13.5	5.5	5.400	31	2.25	1.54	8			
BURBANK	1256	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.332	31	-1.66	.64	8			
CHELSEA 4 S	1717	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.810	31	*****	.93	8			
CLAREMORE	1828	3	49.7	31	1.7	85.	24	25.	11	480.5	-51.5	6.5	1.5	4.440	31	.86	1.10	27			
CLEVELAND 5 WSW	1902	3	54.2	31	*****	89.	20	26.	10	365.0	*****	30.0	*****	3.611	31	*****	.92	8			
FORAKER	3250	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.970	30	*****	.39	27			
HOLLOW	4258	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.680	31	-1.00	.68	27			
HOMINY	4289	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.702	31	.26	1.54	9			
HULAH DAM	4393	3	48.3	23	*****	90.	21	25.	11	383.5	*****	.0	*****	.880	31	-2.19	.45	27			
JAY TOWER	4567	3	49.4	31	*****	82.	20	24.	10	485.5	*****	1.0	*****	5.040	31	*****	1.20	9			
KANSAS 1 ESE	4672	3	52.3	30	1.9	78.	18	22.	10	385.5	-78.5	5.0	-7.0	5.801	30	*****	1.75	8			
KEYSTONE DAM	4812	3	50.2	31	1.7	86.	20	22.	2	469.5	-48.5	9.5	3.5	3.510	31	.16	1.12	9			
LENAPAH	5118	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.090	31	*****	1.16	7			
MANNFORD 6 NW	5522	3	54.9	30	4.0	90.	20	25.	10	337.5	-110.5	33.5	22.5	3.440	30	*****	.96	8			
MARAMEC	5540	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.321	31	.12	1.14	9			
MIAMI	5855	3	49.3	31	1.4	82.	24	24.	10	488.0	-49.0	.0	-7.0	2.871	31	-1.22	.82	27			
NOWATA	6485	3	51.9	31	2.3	84.	23	27.	11	418.0	-66.0	12.5	6.5	3.232	31	-.38	.88	9			
ONETA 1 WNW	6713	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.110	31	*****	1.39	8			
PAWHUSKA	6935	3	52.4	31	2.8	87.	20	27.	11	410.5	-75.5	20.0	11.0	1.922	31	-1.33	.62	9			
PAWNEE	6940	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.620	31	.53	1.50	9			
PRYOR 6 N	7309	3	48.6	31	.6	83.	24	24.	10	509.0	-25.0	1.0	-6.0	4.252	31	.68	1.12	27			
RALSTON	7390	3	52.3	31	2.3	87.	20	24.	9	409.5	-62.5	16.5	9.5	2.471	31	-.60	1.10	8			
RAMONA 4 N	7394	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.490	31	*****	1.27	9			
SKIATOOK	8258	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.690	31	-.59	1.07	9			
SPAVINAW	8380	3	53.7	31	2.5	81.	23	28.	3	367.0	-73.0	16.5	4.5	4.492	31	.91	1.41	27			
TULSA WSO APT	8992	3	53.4	31	2.8	86.	20	30.	30	384.5	-72.5	25.0	14.0	3.592	31	.13	1.80	8			
UPPER SPAVINAW	9101	3	51.6	28	*****	80.	23	26.	10	385.5	*****	11.0	*****	5.570	31	*****	1.60	27			
VINITA 2 N	9203	3	52.0	27	*****	82.	23	25.	29	355.0	*****	4.0	*****	2.572	27	*****	.91	26			
WAGONER	9247	3	53.7	31	2.0	83.	23	25.	10	360.5	-64.5	9.5	-3.5	6.542	31	2.97	1.92	8			
WANN	9298	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.700	31	*****	1.32	7			
WYONOA	9792	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.722	31	*****	1.00	9			

**MARCH 1994 SUMMARY FOR WEST CENTRAL DIVISION (CD4)**

NAME	ID	CD	DEV					HEAT		DEV		COOL		DEV		TOT	NUM	DEV	MAX	24-HR	DAY
			MEAN	NUM	FROM	MAX	MIN	DEG	FROM	DEG	FROM	DEG	FROM	FROM	NORM						
CANTON DAM	1445	4	49.1	28	*****	88.	18	24.	28	448.0	*****	2.5	*****	1.770	28	*****	.71	9			
CHEYENNE	1738	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.960	31	-.64	.96	8			
CLINTON	1909	4	52.7	31	1.9	90.	19	24.	10	404.5	-44.5	22.5	13.5	2.001	31	-.03	.79	9			
COLONY	2039	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.560	31	*****	1.74	8			
CORDELL	2125	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.461	31	.51	1.20	8			
ELK CITY 1 E	2849	4	52.9	31	2.9	93.	17	24.	10	403.0	-69.0	27.0	20.0	1.751	31	-.29	.79	9			
ERICK 4 E	2944	4	52.4	31	2.2	93.	17	22.	28	409.0	-56.0	17.0	11.0	1.660	31	-.04	.65	9			
GEARY	3497	4	52.9	31	3.0	87.	22	27.	10	387.5	-87.5	13.5	6.5	.830	31	-1.24	.50	1			
HAMMON 1 NNE	3871	4	48.7	30	1.3	93.	18	20.	10	498.0	-53.0	9.0	3.0	2.460	30	*****	1.30	8			
LEEDEY	5090	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.130	31	.41	1.55	9			
MACKIE 4 NNW	5463	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.910	31	*****	1.04	8			
MORAVIA 2 NNE	6035	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.050	31	.24	.78	8			
OKEENE	6629	4	52.5	31	2.0	88.	17	25.	10	404.0	-54.0	18.0	9.0	2.510	31	.37	1.40	9			
RETROP	7565	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.250	31	*****	.88	8			
REYDON	7579	4	58.6	19	*****	94.	17	25.	10	156.5	*****	34.0	*****	.570	31	-1.01	.32	8			
SAYRE	7952	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.160	31	-.37	.51	8			
SWEETWATER 2 E	8652	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.300	31	*****	.90	8			
TALOGA	8708	4	50.9	31	2.0	93.	17	18.	10	456.0	-50.0	17.5	10.5	1.122	31	-.79	.75	9			
THOMAS	8815	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.850	31	*****	1.85	8			
VICI	9172	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.851	31	-.38	1.40	9			
WATONGA	9364	4	52.5	31	2.9	88.	17	24.	10	411.5	-72.5	23.5	16.5	3.450	31	1.24	1.70	9			
WEATHERFORD	9422	4	52.5	24	*****	87.	18	28.	30	305.0	*****	5.0	*****	1.970	31	.06	1.25	8			

MARCH 1994 SUMMARY FOR CENTRAL DIVISION (CD5)

NAME	ID	CD	DEV					HEAT		DEV		COOL		DEV		TOT PPT	NUM OBS	FROM NORM	MAX	24-HR	DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN DAY	DEG DAY	FROM NORM	DEG DAY	FROM NORM	DEG DAY	FROM NORM	FROM NORM							
AMBER	200	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	3.320	31	*****	1.33	8			
ARCADIA	288	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.880	31	*****	1.80	8			
TINKER AFB	325	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	2.171	31	*****	1.34	8			
BLANCHARD 2 SSW	830	5	55.5	31	3.0	88.	20	27.	9	325.5	-75.5	32.5	19.5	3.590	31	.90	1.34	9			
BRISTOW	1144	5	54.4	31	2.7	88.	20	27.	11	353.0	-71.0	24.0	12.0	5.091	31	2.05	1.52	8			
CHANDLER	1684	5	54.8	30	3.1	90.	20	27.	10	333.0	-91.0	28.0	16.0	3.530	30	*****	1.48	8			
CHICKASHA EX ST	1750	5	52.7	31	.5	90.	20	26.	10	406.0	-3.0	24.0	12.0	3.310	31	.81	1.10	8			
COX CITY 1 E	2196	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.530	31	*****	2.10	8			
CRESCENT	2242	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	3.250	31	*****	1.03	8			
CUSHING	2318	5	51.7	31	2.9	89.	21	27.	9	425.5	-85.5	12.0	3.0	2.790	31	-.31	.98	9			
EL RENO 1 N	2818	5	53.3	31	3.0	86.	20	27.	9	383.5	-79.5	21.5	13.5	2.450	31	.11	1.44	8			
GUTHRIE	3821	5	54.9	31	3.6	88.	20	25.	10	346.0	-90.0	33.5	22.5	3.901	31	1.08	1.20	8			
HENNESSEY 4 ESE	4055	5	50.8	31	1.0	85.	20	21.	10	452.5	-26.5	11.5	3.5	2.710	31	.36	.98	9			
INGALLS	4489	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	1.742	31	*****	.57	9			
KINGFISHER 2 SE	4861	5	52.2	31	1.3	85.	23	25.	10	414.0	-32.0	18.0	9.0	3.150	31	.90	1.20	9			
KONAWA	4915	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.840	31	1.63	1.53	8			
MARSHALL	5589	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	.900	31	-1.57	.47	1			
MEEKER 4 W	5779	5	54.9	24	*****	87.	20	28.	11	269.0	*****	27.5	*****	.980	24	*****	.51	25			
MULHALL	6110	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	2.320	31	*****	.80	8			
NORMAN 3 S	6386	5	53.6	31	1.2	89.	20	25.	10	379.5	-24.5	26.0	13.0	3.691	31	.80	1.12	8			
OILTON 2 SE	6616	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	1.560	31	*****	.87	7			
OKEMAH	6638	5	54.5	29	*****	88.	20	28.	9	324.5	*****	20.0	*****	4.192	31	1.04	1.53	8			
OKLAHOMA CTY WS	6661	5	52.7	31	2.4	87.	20	27.	10	400.5	-63.5	18.5	9.5	3.183	31	.47	1.82	8			
PERKINS	7003	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	3.080	31	.18	1.58	8			
PIEDMONT	7068	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	3.750	31	*****	1.78	8			
PRAGUE	7264	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	3.500	31	.32	1.70	9			
PURCELL 5 SW	7327	5	54.4	31	1.9	88.	20	23.	10	355.5	-44.5	26.0	14.0	3.420	31	.29	1.20	8			
SEMINOLE	8042	5	55.6	31	2.2	89.	20	28.	11	322.5	-55.5	32.5	14.5	4.000	31	.73	1.38	8			
SHAWNEE	8110	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	3.502	31	.31	1.60	8			
STELLA	8479	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.230	31	*****	1.24	9			
STILLWATER 2 W	8501	5	51.6	31	3.4	87.	21	25.	10	423.5	-103.5	7.5	1.5	3.691	31	.90	1.28	9			
STROUD 1 N	8563	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	3.511	31	*****	1.42	8			
TECUMSEH	8751	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.000	31	*****	1.23	8			
TROUSDALE	8960	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	3.820	31	*****	1.50	8			
UNION CITY 1 SE	9086	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.760	31	1.85	1.83	8			
WELTY 1 SSE	9479	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	5.101	31	*****	1.82	8			
WEWOKA	9575	5	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.050	31	.80	1.41	8			

MARCH 1994 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

NAME	ID	CD	DEV					HEAT		DEV		COOL		DEV		TOT PPT	NUM OBS	FROM NORM	MAX	24-HR	DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN DAY	DEG DAY	FROM NORM	DEG DAY	FROM NORM	DEG DAY	FROM NORM	FROM NORM							
ASHLAND	364	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.712	31	*****	1.60	1			
BEGGS	631	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.710	31	*****	1.70	8			
BOYNTON	1027	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.612	31	*****	1.65	8			
CALVIN	1391	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	1.600	31	-2.20	1.60	7			
CHECOTAH	1711	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	5.892	31	2.19	1.77	8			
CLAYTON 14 WNW	1858	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.480	31	*****	1.96	1			
DEWAR 2 NE	2485	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	5.750	31	2.20	1.87	8			
DUSTIN	2690	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	6.210	31	*****	1.91	8			
EUFAULA	2993	6	55.1	31	1.7	85.	23	28.	11	332.0	-46.0	25.0	6.0	3.270	31	-.90	.86	27			
HANNA	3884	6	53.9	31	1.2	85.	19	26.	10	360.5	-36.5	17.0	1.0	5.930	31	1.86	1.32	8			
HARTSHORNE	3946	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.560	31	*****	1.93	1			
HASKELL	3956	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	5.520	31	1.92	1.71	8			
HOLDENVILLE	4235	6	54.8	30	2.3	88.	20	26.	10	330.0	-70.0	23.5	11.5	4.810	30	*****	1.58	9			
LAKE EUFAULA	4975	6	53.0	31	*****	85.	24	27.	10	384.0	*****	13.5	*****	4.720	31	*****	1.19	8			
LYONS 2 N	5437	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.980	31	.73	2.40	8			
MARBLE CITY	5546	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.832	31	*****	1.23	8			
MCALISTER FAA	5664	6	55.8	31	3.6	86.	19	25.	10	317.5	-93.5	32.0	18.0	4.772	31	.77	1.68	1			
MCCURTAIN 1 SE	5693	6	56.0	31	2.5	88.	24	28.	10	310.5	-66.5	30.5	10.5	4.820	31	.71	1.35	1			
MUSKOGEE	6130	6	53.6	29	*****	84.	20	26.	10	347.5	*****	17.0	*****	5.060	29	*****	1.50	6			
OKMULGEE W W	6670	6	51.3	31	1.7	86.	24	27.	3	434.0	-53.0	9.5	.5	5.371	30	*****	2.05	8			
OKTAHA 2 NE	6678	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	6.030	31	*****	2.04	8			
QUINTON	7372	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.442	31	.44	1.17	1			
SALLISAW 2 NE	7862	6	53.5	31	1.2	82.	19	17.	3	366.5	-39.5	8.5	-4.5	2.251	31	-1.99	1.70	8			
SCIPIO	7979	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.290	31	*****	1.62	8			
SHORT	8170	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.580	31	*****	1.33	9			
STILWELL 1 NE	8506	6	54.3	15	*****	78.	23	27.	31	166.5	*****	6.0	*****	1.900	15	*****	1.81	27			
TAHLEQUAH	8677	6	52.0	31	.9	82.	19	25.	10	412.0	-31.0	9.0	-3.0	4.070	31	-.02	1.70	27			
WEBBERS FALLS	9445	6	51.1	31	1.1	84.	24	25.	10	442.0	-30.0	10.5	3.5	5.310	31	1.36	1.40	8			
WESTVILLE	9523	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.380	31	*****	2.10	26			
WETUMKA 3 NE	9571	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.560	31	.96	1.61	8			



**MARCH 1994 SUMMARY FOR SOUTHWEST DIVISION (CD7)**

NAME	ID	CD	DEV				HEAT			DEV		COOL		DEV		TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	DEG DAY	FROM NORM	DEG DAY	FROM NORM	DEG DAY	FROM NORM	FROM NORM	MAX						
ALTUS IRR STA	179	7	55.2	31	1.7	93.	19	25.	28	329.0	-41.0	26.5	12.5	2.110	31	.55	1.20	8		
ALTUS DAM	184	7	51.1	31	.3	92.	20	22.	10	441.0	-8.0	10.5	1.5	2.460	31	.73	1.26	8		
ANADARKO	224	7	53.2	28	****	87.	20	27.	10	346.0	*****	16.5	*****	2.770	29	*****	1.50	8		
APACHE	260	7	****	0	****	****	0	****	0	*****	*****	*****	*****	3.390	31	1.04	1.68	8		
ALTUS AFB	447	7	****	0	****	****	0	****	0	*****	*****	*****	*****	3.240	30	*****	2.75	8		
CARNEGIE 2 ENE	1504	7	53.9	31	2.5	90.	20	25.	28	370.0	-60.0	26.0	18.0	2.630	31	.63	1.30	8		
CHATTANOOGA	1706	7	54.4	31	1.5	88.	20	26.	28	351.5	-35.5	23.0	11.0	2.100	31	-.03	.86	8		
DUNCAN 11 W	2668	7	****	0	****	****	0	****	0	*****	*****	*****	*****	1.841	31	*****	.78	7		
FREDERICK	3353	7	53.2	31	1.6	89.	20	27.	28	384.5	-41.5	17.5	6.5	2.740	31	.67	1.30	8		
GRANDFIELD 4 NW	3709	7	****	0	****	****	0	****	0	*****	*****	*****	*****	2.430	31	.31	1.45	8		
HEADRICK	3998	7	****	0	****	****	0	****	0	*****	*****	*****	*****	3.090	31	*****	2.10	8		
HOBART FAA APT	4204	7	52.4	30	.9	88.	20	26.	28	396.0	-32.0	17.0	7.0	1.891	31	.22	1.38	8		
HOLLIS	4249	7	52.8	31	-.1	92.	17	24.	28	393.5	5.5	15.0	3.0	1.860	31	.48	.81	8		
LAWTON	5063	7	53.3	31	2.0	89.	21	28.	10	386.5	-47.5	23.5	13.5	2.040	31	-.09	1.16	8		
FORT SILL	5068	7	54.7	31	****	90.	20	27.	10	353.0	*****	35.0	*****	3.351	31	*****	1.89	8		
LOOKEBA 2 ENE	5329	7	****	0	****	****	0	****	0	*****	*****	*****	*****	3.130	31	.95	1.70	8		
MANGUM RES STA	5509	7	52.8	30	-.2	92.	19	22.	28	388.0	1.0	23.5	8.5	2.290	31	.76	1.30	8		
RANDLETT 9 E	7403	7	****	0	****	****	0	****	0	*****	*****	*****	*****	2.800	31	*****	1.04	8		
ROOSEVELT	7727	7	****	0	****	****	0	****	0	*****	*****	*****	*****	2.260	31	.53	1.26	8		
SEDAN	8016	7	****	0	****	****	0	****	0	*****	*****	*****	*****	3.220	31	*****	1.90	8		
SNYDER	8299	7	****	0	****	****	0	****	0	*****	*****	*****	*****	2.731	31	.94	1.37	8		
VINSON 3 WNW	9212	7	****	0	****	****	0	****	0	*****	*****	*****	*****	2.140	31	.67	1.01	8		
WALTERS	9278	7	57.6	14	****	89.	19	30.	31	126.0	*****	22.5	*****	.000	14	*****	.00	31		
WICHITA MT WLR	9629	7	51.6	31	2.0	89.	20	27.	11	428.5	-59.5	13.5	2.5	2.380	31	-.02	1.50	8		
WILLOW	9668	7	****	0	****	****	0	****	0	*****	*****	*****	*****	2.651	31	*****	1.22	8		

**MARCH 1994 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)**

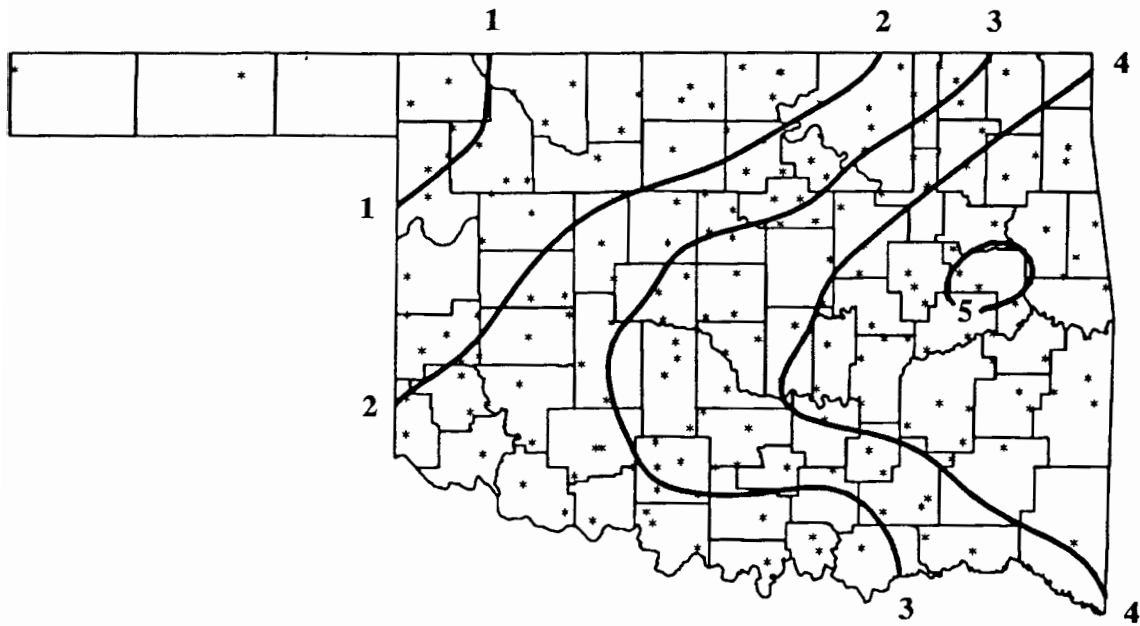
NAME	ID	CD	DEV				HEAT			DEV		COOL		DEV		TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	DEG DAY	FROM NORM	DEG DAY	FROM NORM	DEG DAY	FROM NORM	FROM NORM	MAX						
ADA	17	8	54.8	31	1.9	87.	20	28.	10	336.0	-56.0	20.5	3.5	5.530	31	2.27	1.97	8		
ALLEN	147	8	****	0	****	****	0	****	0	*****	*****	*****	*****	5.400	31	*****	2.50	8		
ARDMORE	292	8	57.0	31	1.5	88.	20	28.	10	284.5	-35.5	38.0	12.0	3.230	31	.13	2.23	1		
ATOKA DAM	394	8	51.4	22	****	88.	21	25.	10	304.0	*****	4.0	*****	3.530	23	*****	1.81	1		
BOKCHITO	917	8	****	0	****	****	0	****	0	*****	*****	*****	*****	2.500	31	*****	1.86	1		
CANEY	1437	8	56.6	31	****	85.	20	30.	10	291.0	*****	30.0	*****	2.290	31	*****	.95	9		
CENTRAHOMA	1648	8	****	0	****	****	0	****	0	*****	*****	*****	*****	2.100	31	*****	.75	2		
CHICKASAW NRA	1745	8	53.6	31	2.3	87.	21	22.	10	381.0	-55.0	27.0	16.0	3.590	31	.15	1.15	1		
COMANCHE	2054	8	****	0	****	****	0	****	0	*****	*****	*****	*****	6.010	31	3.38	2.33	8		
DAISY 4 ENE	2354	8	****	0	****	****	0	****	0	*****	*****	*****	*****	3.891	31	-.49	1.96	1		
DUNCAN	2660	8	54.0	31	2.2	88.	20	28.	10	366.5	-54.5	27.0	15.0	3.150	31	.56	1.15	8		
DURANT USDA	2678	8	55.8	31	3.5	85.	20	28.	10	316.0	-95.0	31.5	14.5	2.860	31	-.88	1.46	1		
FARRIS 3 WNW	3083	8	****	0	****	****	0	****	0	*****	*****	*****	*****	4.720	31	.95	1.80	1		
GRADY	3688	8	****	0	****	****	0	****	0	*****	*****	*****	*****	.910	31	*****	.61	8		
HEALDTON	4001	8	55.3	25	****	90.	20	26.	10	266.5	*****	24.0	*****	2.610	26	*****	.79	1		
HENNEPIN	4052	8	****	0	****	****	0	****	0	*****	*****	*****	*****	4.160	31	*****	1.98	8		
KETCHUM RANCH	4780	8	****	0	****	****	0	****	0	*****	*****	*****	*****	3.130	31	*****	2.15	8		
KINGSTON	4865	8	****	0	****	****	0	****	0	*****	*****	*****	*****	3.070	31	-.49	2.10	1		
LEHIGH	5108	8	****	0	****	****	0	****	0	*****	*****	*****	*****	3.352	31	*****	1.40	1		
LINDSAY 2 W	5216	8	55.1	31	2.4	86.	21	27.	10	329.5	-65.5	23.5	10.5	3.301	31	.41	1.84	8		
LOCO 6 SE	5247	8	****	0	****	****	0	****	0	*****	*****	*****	*****	2.330	31	*****	1.11	1		
MADILL	5468	8	55.8	31	1.4	88.	20	30.	10	312.0	-37.0	27.0	7.0	.900	31	-2.60	.57	8		
MARIETTA	5563	8	57.5	31	2.9	90.	20	27.	10	272.0	-70.0	39.5	19.5	2.890	31	-.42	1.94	1		
MARLOW 1 WSW	5581	8	56.1	31	3.1	89.	20	25.	10	311.5	-74.5	37.0	23.0	2.751	31	.31	1.30	8		
MCGEE CREEK DAM	5713	8	55.0	31	****	87.	20	26.	10	341.0	*****	31.0	*****	4.861	31	*****	1.77	1		
PAULS VALLEY	6926	8	55.5	31	2.1	89.	20	25.	10	332.0	-42.0	36.0	21.0	3.420	31	.50	1.35	8		
PONTOTOC	7214	8	****	0	****	****	0	****	0	*****	*****	*****	*****	1.700	31	-1.95	.65	8		
TISHOMINGO NWLR	8884	8	53.9	23	****	83.	23	29.	10	267.0	*****	11.5	*****	3.720	24	*****	2.26	1		
TUSSY	9032	8	****	0	****	****	0	****	0	*****	*****	*****	*****	3.360	31	*****	1.58	8		
WAURIKA	9395	8	55.0	31	.2	88.	19	28.	2	340.5	1.5	30.0	7.0	1.432	31	-.93	.75	1		
WAURIKA DAM	9399	8	54.9	31	****	90.	21	27.	10	341.0	*****	29.0	*****	2.951	31	*****	1.30	8		

**MARCH 1994 SUMMARY FOR SOUTHEAST DIVISION (CD9)**

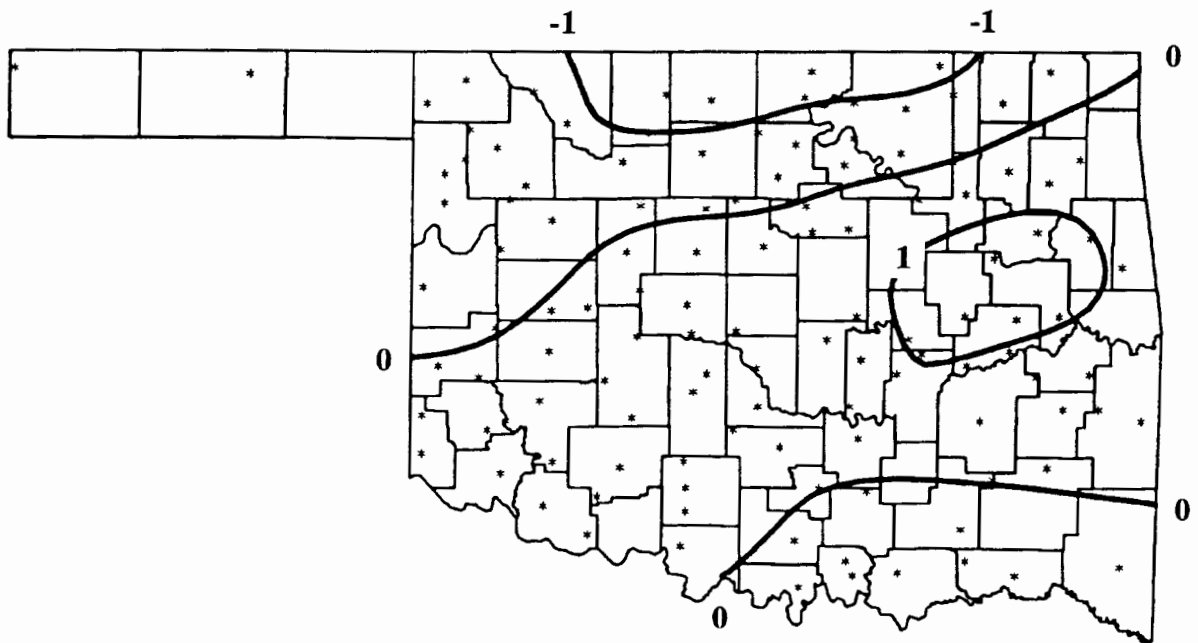
NAME	ID	CD	DEV						HEAT		DEV		COOL		DEV		TOT	NUM	FROM	MAX	24-HR	DAY
			MEAN	NUM	FROM	MAX	MIN	DAY	DEG	FROM	DEG	FROM	DEG	FROM	DEG	FROM						
ANTLERS	256	9	54.1	31	.2	85.	18	24.	11	346.5	-16.5	7.5	-11.5	4.900	31	1.11	1.60	1				
BATTIEST 1 SSW	567	9	52.5	31	*****	81.	19	21.	10	391.5	*****	3.0	*****	3.751	31	*****	1.70	9				
BEAR MT TWR	584	9	58.1	21	*****	85.	19	33.	14	168.0	*****	22.5	*****	4.610	26	*****	1.16	9				
BENGAL	670	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.430	31	*****	1.76	1				
BOSWELL 4 NNW	980	9	55.7	31	1.5	84.	19	26.	10	308.0	-43.0	19.5	3.5	2.260	31	-1.52	1.10	9				
BROKEN BOW 1 N	1162	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.790	31	-1.10	1.30	25				
BROKEN BOW DAM	1168	9	52.5	31	.3	86.	21	25.	11	391.5	-13.5	5.5	-3.5	3.901	31	-1.41	1.08	9				
CARNASAW TWR	1499	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.740	31	-1.52	1.05	8				
CARTER TWR	1544	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.450	31	-.41	1.25	10				
FANSHAW	3065	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.200	31	.87	1.59	1				
HEAVENER 1 SE	4008	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.050	31	.97	2.10	9				
HEE MT TWR	4017	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.421	31	-2.80	.98	9				
HUGO	4384	9	57.1	31	1.6	84.	19	28.	10	273.0	-43.0	29.5	8.5	4.101	31	-.09	1.68	9				
IDABEL	4451	9	54.9	31	1.5	85.	20	26.	10	329.5	-41.5	17.5	5.5	5.151	31	.30	1.42	9				
POTEAU	7246	9	53.4	31	-.2	83.	20	26.	31	370.5	-2.5	12.0	-8.0	5.050	31	1.04	1.40	8				
SMITHVILLE 1 W	8285	9	51.5	31	-.3	82.	18	21.	10	418.5	-3.5	1.0	-12.0	3.705	31	-1.63	1.65	9				
SPIRO	8416	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.692	31	-.62	.93	1				
TUSKAHOMA	9023	9	55.2	31	1.2	83.	19	21.	10	324.0	-35.0	21.0	3.0	4.351	31	.22	1.80	1				
VALLIANT 3 W	9118	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.932	31	-.53	1.18	9				
WILBURTON 9 ENE	9634	9	54.3	31	1.6	84.	19	25.	31	344.0	-52.0	13.0	-1.0	3.270	31	-.90	1.00	8				

**MARCH 1994 CLIMATE DIVISION SUMMARY**

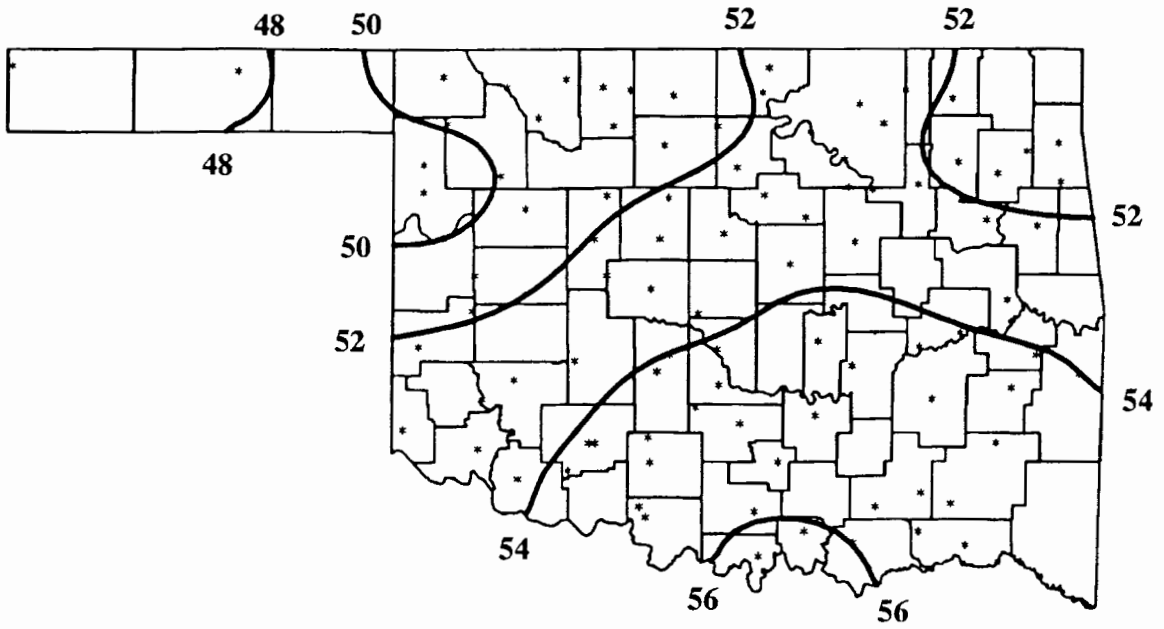
CLIMATE	MEAN	NUM	DEV						HEAT		DEV		COOL		DEV		TOT	NUM	FROM	MAX	24-HR	DAY
			TEMP	STA	NORM	TEMP	DAY	TEMP	DAY	DEGREE	FROM	DEGREE	FROM	DEGREE	FROM	DEGREE						
1	47.9	11	2.2	92.0	17	10.0	9	533.7	-67.2	4.3	1.7	.80	12	-.52	1.40	9						
2	51.3	15	3.0	95.0	17	18.0	10	437.9	-87.5	13.4	5.8	1.23	23	-1.05	1.15	9						
3	51.9	17	2.4	90.0	20	22.0	2	419.3	-70.1	14.2	5.9	3.48	28	.05	1.92	8						
4	51.9	8	2.5	94.0	17	18.0	10	421.7	-67.6	18.5	11.8	1.92	20	.01	1.85	8						
5	53.4	14	2.1	90.0	20	21.0	10	380.0	-55.1	22.5	11.4	3.49	35	.62	2.10	8						
6	53.6	10	1.8	88.0	24	17.0	3	368.9	-53.6	17.9	4.6	4.66	26	.79	2.40	8						
7	53.2	11	1.2	93.0	19	22.0	28	383.8	-29.7	21.0	9.7	2.52	22	.58	2.75	8						
8	55.5	14	2.1	90.0	21	22.0	10	325.3	-52.6	30.5	13.6	3.21	28	-.04	2.50	8						
9	54.1	10	.5	86.0	21	21.0	10	349.7	-19.9	12.9	-3.4	4.11	19	-.43	2.10	9						



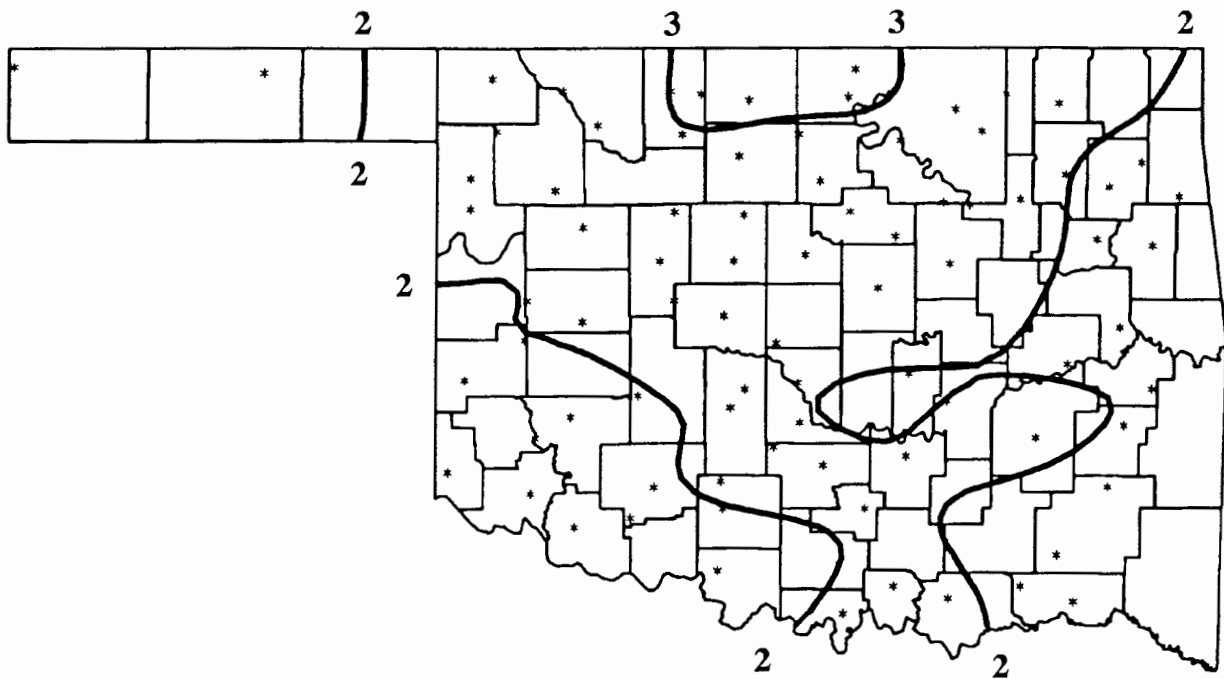
MARCH 1994 TOTAL PRECIPITATION  
(Inches)



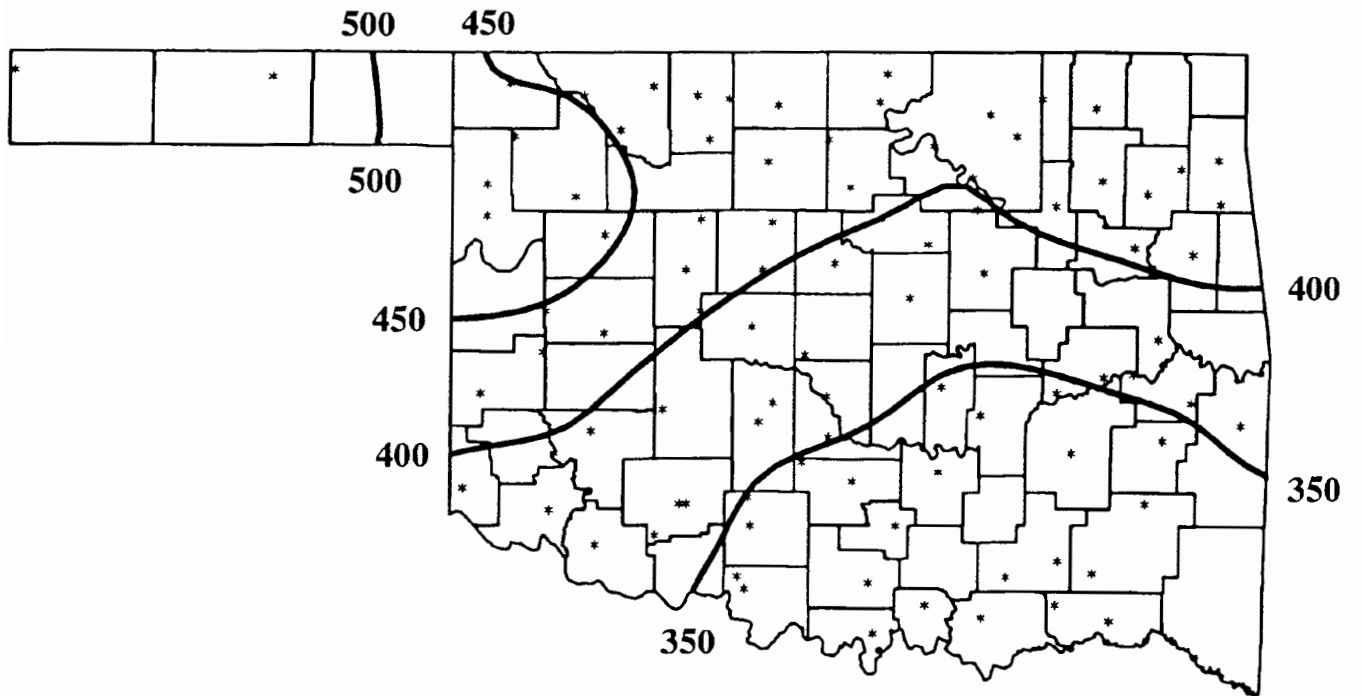
MARCH 1994 DEVIATION FROM NORMAL PRECIPITATION  
(Inches)



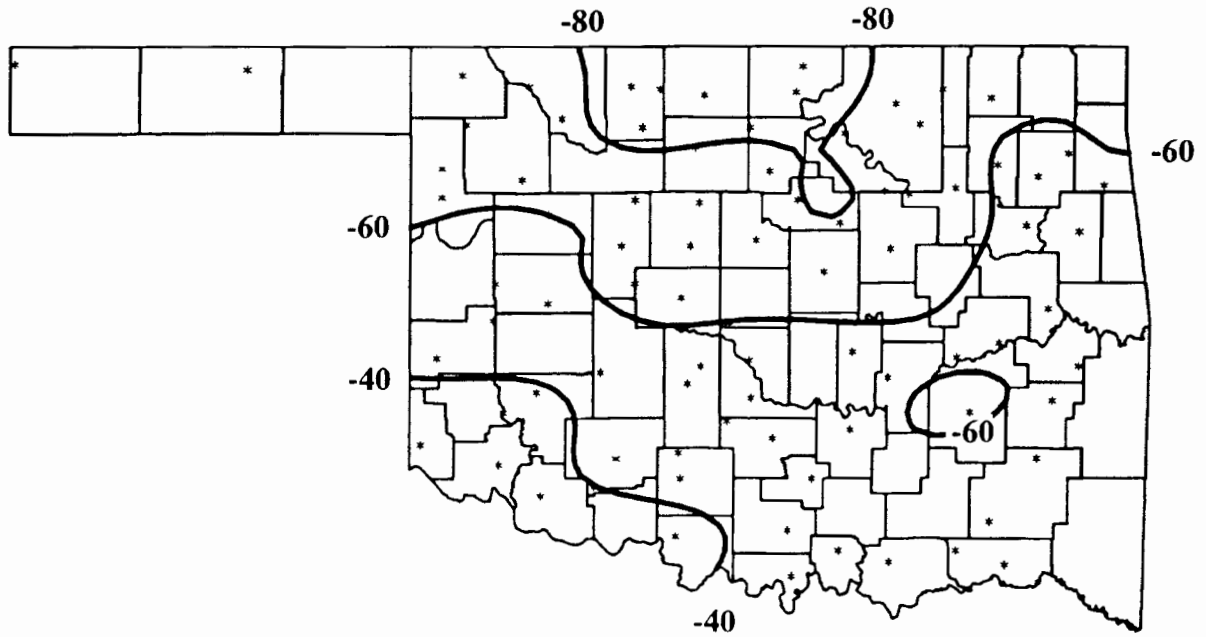
**MARCH 1994 AVERAGE MONTHLY TEMPERATURES  
(Degrees F)**



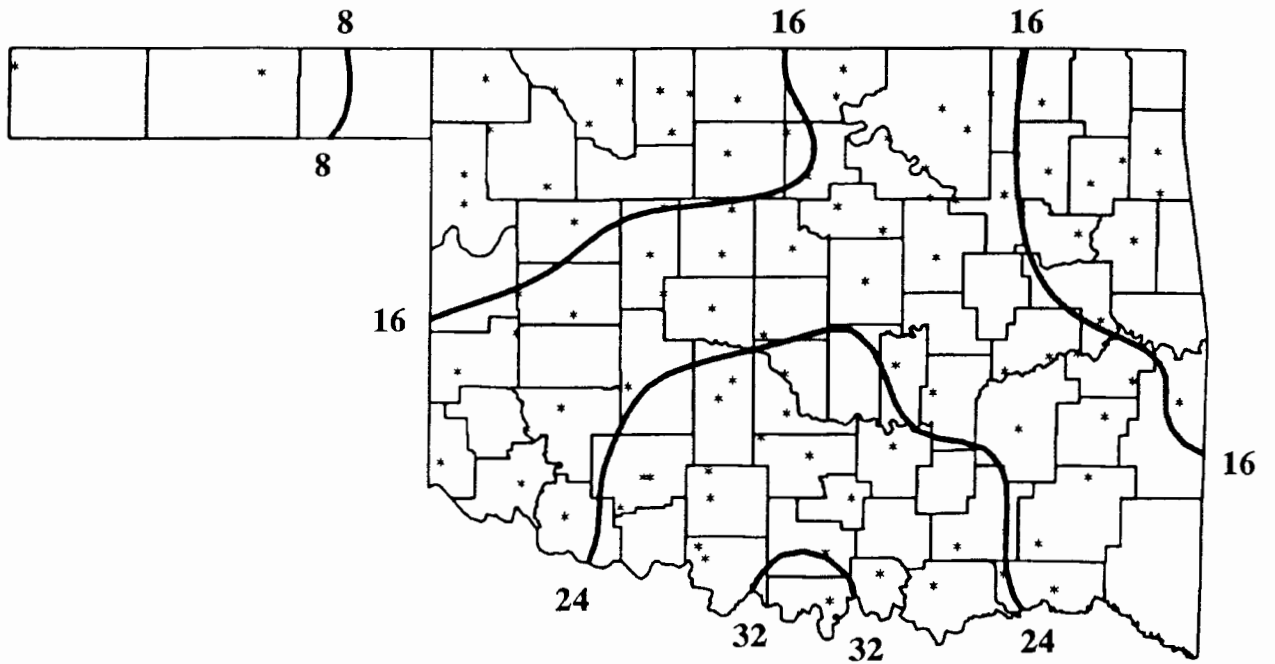
**MARCH 1994 DEVIATION FROM NORMAL TEMPERATURES  
(Degrees F)**



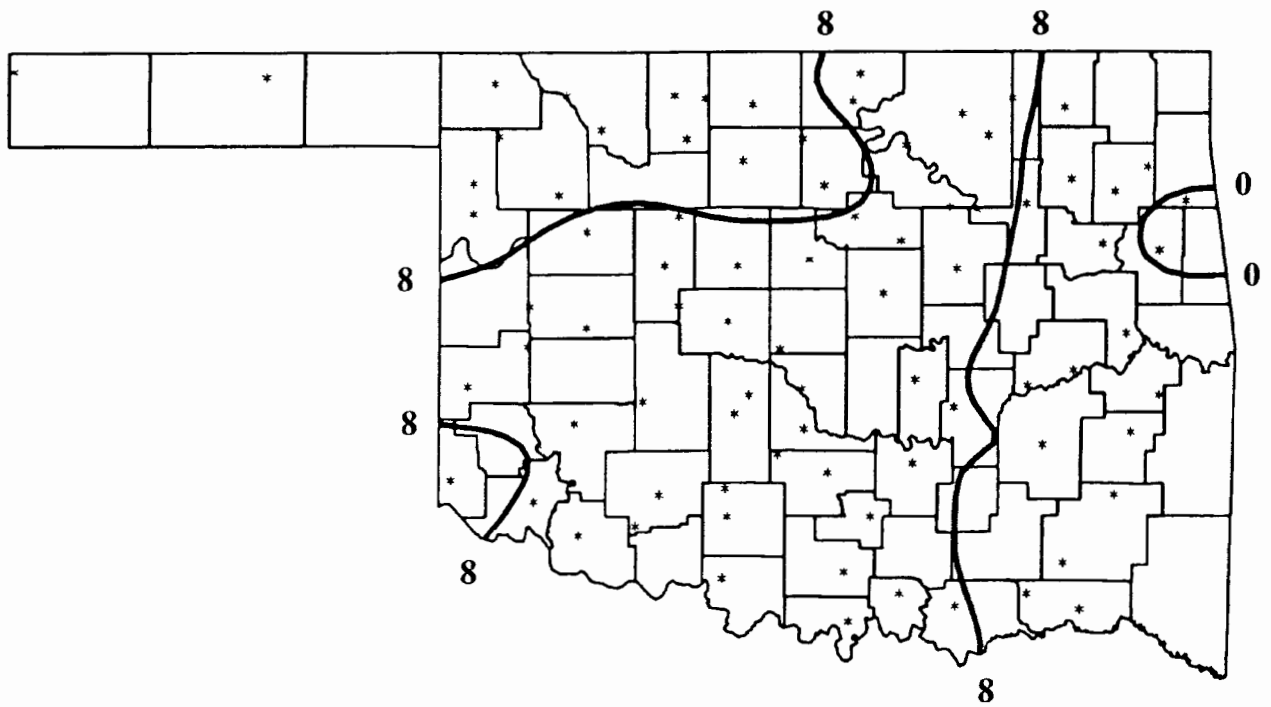
MARCH 1994 HEATING DEGREE DAYS



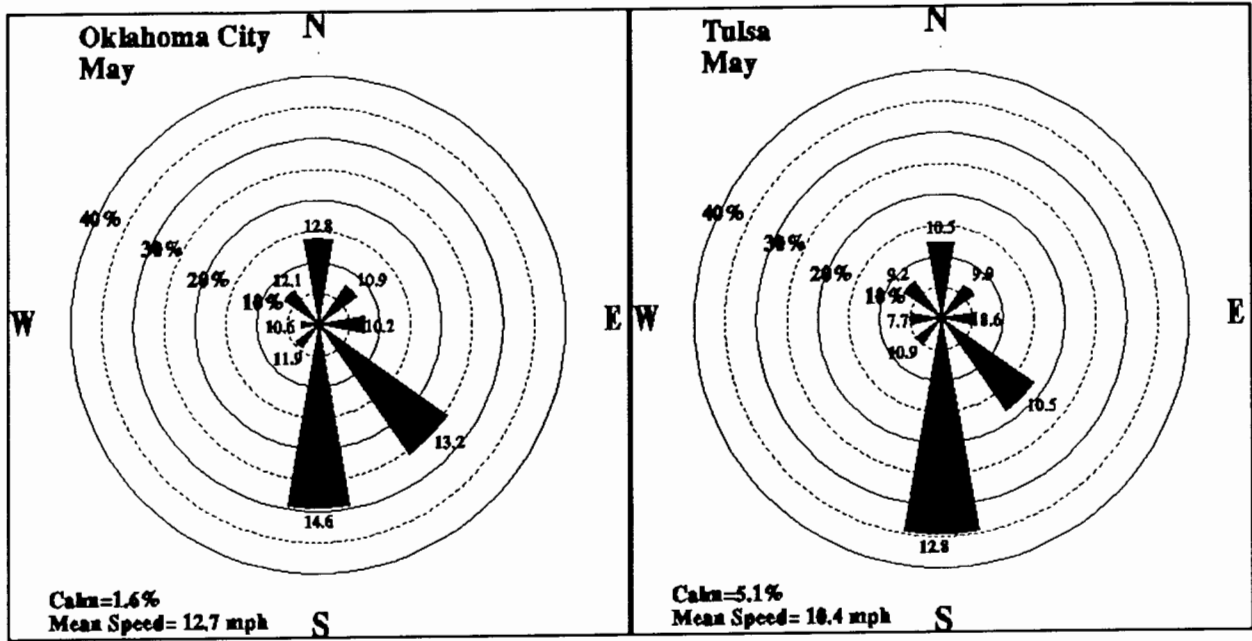
MARCH 1994 DEVIATION FROM NORMAL HEATING DEGREE DAYS



MARCH 1994 COOLING DEGREE DAYS



MARCH 1994 DEVIATION FROM NORMAL COOLING DEGREE DAYS



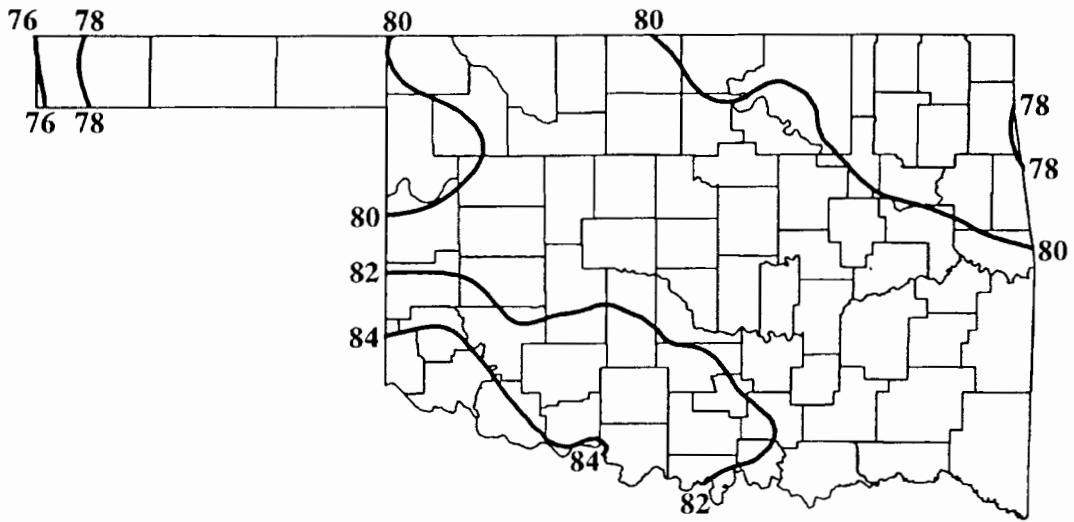
May Wind Roses for Oklahoma City and Tulsa. Percents represent the frequency of winds from each direction. The numbers at the ends of the bars indicate the average wind speed (miles per hour) from that direction.

MAY 1994 SUNRISE AND SUNSET

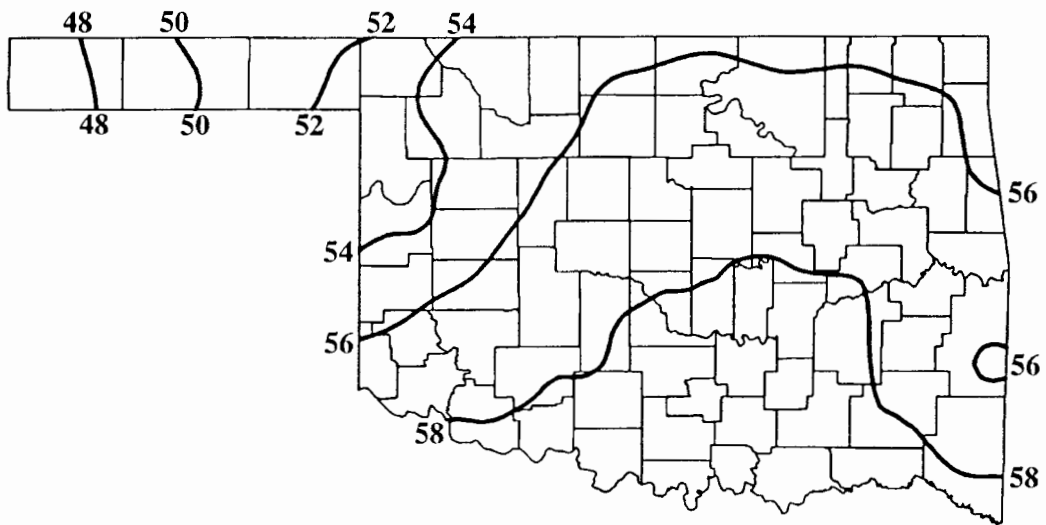
OKLAHOMA CITY

TULSA

DATE	SUNRISE	SUNSET	DAYLIGHT	DATE	SUNRISE	SUNSET	DAYLIGHT
94 5 1	6:40AM	8:14PM CDT	13 hrs 34 mins	94 5 1	6:32AM	8: 9PM CDT	13 hrs 37 mins
94 5 2	6:39AM	8:15PM CDT	13 hrs 36 mins	94 5 2	6:31AM	8:10PM CDT	13 hrs 39 mins
94 5 3	6:38AM	8:16PM CDT	13 hrs 38 mins	94 5 3	6:30AM	8:11PM CDT	13 hrs 41 mins
94 5 4	6:37AM	8:17PM CDT	13 hrs 40 mins	94 5 4	6:29AM	8:11PM CDT	13 hrs 42 mins
94 5 5	6:36AM	8:18PM CDT	13 hrs 41 mins	94 5 5	6:28AM	8:12PM CDT	13 hrs 44 mins
94 5 6	6:35AM	8:18PM CDT	13 hrs 43 mins	94 5 6	6:27AM	8:13PM CDT	13 hrs 46 mins
94 5 7	6:34AM	8:19PM CDT	13 hrs 45 mins	94 5 7	6:26AM	8:14PM CDT	13 hrs 48 mins
94 5 8	6:33AM	8:20PM CDT	13 hrs 47 mins	94 5 8	6:25AM	8:15PM CDT	13 hrs 50 mins
94 5 9	6:33AM	8:21PM CDT	13 hrs 48 mins	94 5 9	6:24AM	8:15PM CDT	13 hrs 51 mins
94 510	6:32AM	8:22PM CDT	13 hrs 50 mins	94 510	6:23AM	8:16PM CDT	13 hrs 53 mins
94 511	6:31AM	8:22PM CDT	13 hrs 52 mins	94 511	6:22AM	8:17PM CDT	13 hrs 55 mins
94 512	6:30AM	8:23PM CDT	13 hrs 53 mins	94 512	6:22AM	8:18PM CDT	13 hrs 56 mins
94 513	6:29AM	8:24PM CDT	13 hrs 55 mins	94 513	6:21AM	8:19PM CDT	13 hrs 58 mins
94 514	6:28AM	8:25PM CDT	13 hrs 56 mins	94 514	6:20AM	8:19PM CDT	14 hrs 0 mins
94 515	6:28AM	8:25PM CDT	13 hrs 58 mins	94 515	6:19AM	8:20PM CDT	14 hrs 1 mins
94 516	6:27AM	8:26PM CDT	13 hrs 59 mins	94 516	6:18AM	8:21PM CDT	14 hrs 3 mins
94 517	6:26AM	8:27PM CDT	14 hrs 1 mins	94 517	6:18AM	8:22PM CDT	14 hrs 4 mins
94 518	6:26AM	8:28PM CDT	14 hrs 2 mins	94 518	6:17AM	8:23PM CDT	14 hrs 6 mins
94 519	6:25AM	8:28PM CDT	14 hrs 4 mins	94 519	6:16AM	8:23PM CDT	14 hrs 7 mins
94 520	6:24AM	8:29PM CDT	14 hrs 5 mins	94 520	6:16AM	8:24PM CDT	14 hrs 8 mins
94 521	6:24AM	8:30PM CDT	14 hrs 6 mins	94 521	6:15AM	8:25PM CDT	14 hrs 10 mins
94 522	6:23AM	8:31PM CDT	14 hrs 7 mins	94 522	6:14AM	8:26PM CDT	14 hrs 11 mins
94 523	6:23AM	8:31PM CDT	14 hrs 9 mins	94 523	6:14AM	8:26PM CDT	14 hrs 12 mins
94 524	6:22AM	8:32PM CDT	14 hrs 10 mins	94 524	6:13AM	8:27PM CDT	14 hrs 14 mins
94 525	6:22AM	8:33PM CDT	14 hrs 11 mins	94 525	6:13AM	8:28PM CDT	14 hrs 15 mins
94 526	6:21AM	8:33PM CDT	14 hrs 12 mins	94 526	6:12AM	8:28PM CDT	14 hrs 16 mins
94 527	6:21AM	8:34PM CDT	14 hrs 13 mins	94 527	6:12AM	8:29PM CDT	14 hrs 17 mins
94 528	6:20AM	8:35PM CDT	14 hrs 15 mins	94 528	6:11AM	8:30PM CDT	14 hrs 18 mins
94 529	6:20AM	8:35PM CDT	14 hrs 16 mins	94 529	6:11AM	8:31PM CDT	14 hrs 20 mins
94 530	6:19AM	8:36PM CDT	14 hrs 17 mins	94 530	6:11AM	8:31PM CDT	14 hrs 21 mins
94 531	6:19AM	8:37PM CDT	14 hrs 18 mins	94 531	6:10AM	8:32PM CDT	14 hrs 22 mins

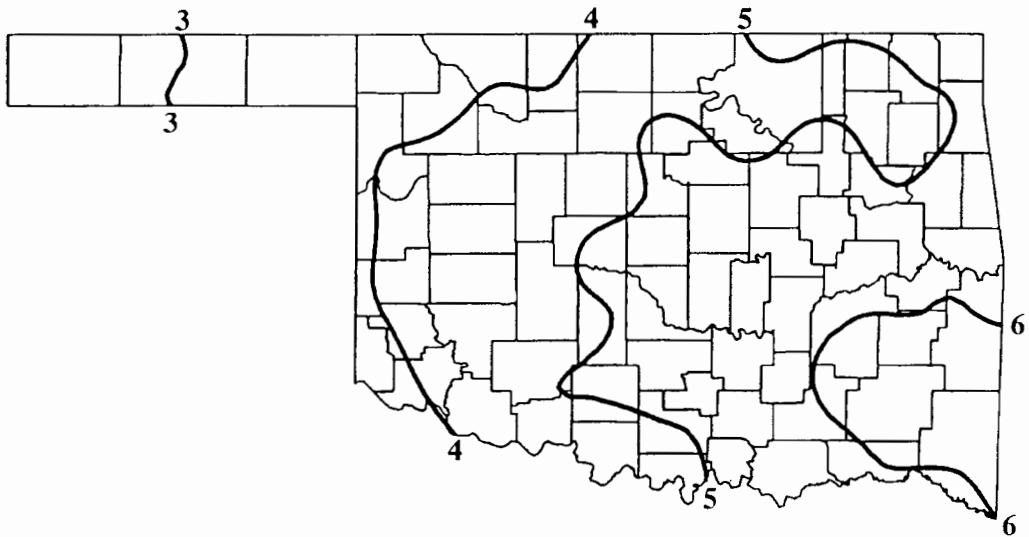


May Normal Daily Maximum Temperatures (°F)



May Normal Daily Minimum Temperatures (°F)





May Normal Monthly Precipitation (inches)

90-DAY NATIONAL WEATHER SERVICE OUTLOOK

(APRIL 1994 - JUNE 1994)

Precipitation - Below Normal Statewide

Temperature - Above Normal Statewide



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 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.

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).

OKLAHOMA CITY CLIMATE CALENDAR

May 1994

Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual																						
73.0 max 52.7 min .09 ppt 4 hdd 1 cdd	93-1948 Highest Max 52-1966 Lowest Max 33-1969 Lowest Min 06-1938 Highest Min 1.53-1954 Greatest ppt	73.6 max 52.2 min .19 ppt 4 hdd 2 cdd	94-1943 Highest Max 52-1954 Lowest Max 39-1961 Lowest Min 09-1959 Highest Min 2.99-1990 Greatest ppt	74.5 max 53.8 min .10 ppt 3 hdd 3 cdd	95-1920 Highest Max 49-1978 Lowest Max 32-1954 Lowest Min 70-1949 Highest Min 3.58-1898 Greatest ppt	76.8 max 54.0 min .12 ppt 3 hdd 3 cdd	93-1955 Highest Max 44-1935 Lowest Max 34-1907 Lowest Min 72-1950 Highest Min 3.60-1898 Greatest ppt	77.4 max 57.2 min .15 ppt 4 hdd 4 cdd	94-1940 Highest Max 50-1935 Lowest Max 37-1917 Lowest Min 09-1940 Highest Min 4.24-1899 Greatest ppt	77.0 max 56.0 min .10 ppt 2 hdd 3 cdd	92-1918 Highest Max 48-1908 Lowest Max 37-1944 Lowest Min 70-1986 Highest Min 2.61-1930 Greatest ppt	78.4 max 55.3 min .11 ppt 2 hdd 4 cdd	96-1918 Highest Max 50-1943 Lowest Max 37-1917 Lowest Min 70-1927 Highest Min 5.64-1993 Greatest ppt	78.2 max 56.0 min .14 ppt 2 hdd 4 cdd	92-1952 Highest Max 55-1934 Lowest Max 41-1963 Lowest Min 70-1899 Highest Min 2.48-1896 Greatest ppt	79.0 max 57.6 min .14 ppt 2 hdd 5 cdd	90-1966 Highest Max 48-1945 Lowest Max 38-1907 Lowest Min 71-1990 Highest Min 3.59-1920 Greatest ppt	79.6 max 59.2 min .28 ppt 1 hdd 5 cdd	94-1990 Highest Max 53-1942 Lowest Max 42-1892 Lowest Min 73-1953 Highest Min 2.74-1979 Greatest ppt	81.0 max 58.4 min .22 ppt 6 hdd 6 cdd	96-1973 Highest Max 61-1943 Lowest Max 40-1894 Lowest Min 71-1933 Highest Min 3.35-1955 Greatest ppt	81.3 max 60.0 min .15 ppt 6 hdd 6 cdd	95-1953 Highest Max 56-1968 Lowest Max 42-1892 Lowest Min 73-1953 Highest Min 2.81-1922 Greatest ppt	80.8 max 58.5 min .19 ppt 1 hdd 5 cdd	92-1906 Highest Max 48-1945 Lowest Max 38-1907 Lowest Min 71-1990 Highest Min 1.81-1986 Greatest ppt	80.1 max 58.7 min .11 ppt 1 hdd 5 cdd	95-1956 Highest Max 59-1943 Lowest Max 45-1976 Lowest Min 72-1938 Highest Min 1.50-1902 Greatest ppt	80.8 max 59.5 min .20 ppt 1 hdd 6 cdd	99-1939 Highest Max 60-1963 Lowest Max 42-1892 Lowest Min 72-1953 Highest Min 4.16-1908 Greatest ppt	82.5 max 61.7 min .15 ppt 7 hdd 7 cdd	94-1939 Highest Max 63-1947 Lowest Max 42-1935 Lowest Min 72-1989 Highest Min 4.06-1903 Greatest ppt	81.5 max 60.5 min .32 ppt 1 hdd 7 cdd	96-1953 Highest Max 58-1950 Lowest Max 45-1901 Lowest Min 74-1916 Highest Min 2.00-1959 Greatest ppt	81.3 max 59.5 min .37 ppt 1 hdd 6 cdd	96-1927 Highest Max 59-1893 Lowest Max 42-1907 Lowest Min 74-1912 Highest Min 5.38-1987 Greatest ppt	82.6 max 61.6 min .30 ppt 0 hdd 8 cdd	94-1985 Highest Max 57-1902 Lowest Max 39-1947 Lowest Min 73-1989 Highest Min 5.03-1970 Greatest ppt	82.0 max 63.0 min .22 ppt 1 hdd 8 cdd	98-1934 Highest Max 54-1903 Lowest Max 44-1983 Lowest Min 74-1991 Highest Min 2.14-1892 Greatest ppt	83.2 max 62.8 min .20 ppt 0 hdd 8 cdd	104-1985 Highest Max 64-1915 Lowest Max 45-1947 Lowest Min 74-1974 Highest Min 1.07-1958 Greatest ppt

**MAY AVERAGES**  
 TEMPERATURE : 68.5°F  
 PRECIPITATION : 5.66"  
 HEATING DEGREE DAYS : 46  
 COOLING DEGREE DAYS : 152

The data on this calendar are for Tulsa. Normal values are calculated for the period 1948-1992. Temperature extremes are for the period 1905-1993; precipitation extremes are for the period 1948-1993.

**TULSA CLIMATE CALENDAR**

**May 1994**

Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual
74.0 54.0 17 3 3 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	89-1948 53-1966 32-1909 67-1987 1-20-1978	75.0 53.0 15 2 3 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	94-1943 58-1990 32-1909 69-1959 2-78-1990	76.0 54.0 12 3 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	96-1920 52-1978 36-1976 67-1987 2-19-1979	78.0 56.0 14 2 4 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	97-1918 62-1993 37-1938 71-1985 3-66-1981	77.0 57.0 13 2 5 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	93-1918 54-1954 38-1923 72-1948 1-70-1965	77.0 57.0 16 2 5 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	94-1980 60-1993 39-1924 74-1956 2-76-1980	77.0 57.0 19 2 4 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1992 62-1966 40-1960 75-1956 4-05-1982	78.0 56.0 14 2 4 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	93-1911 51-1953 41-1971 72-1991 3-05-1975
79.0 57.0 10 1 5 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	95-1911 58-1976 35-1907 69-1963 1-15-1989	81.0 59.0 10 1 6 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	94-1911 66-1981 40-1907 74-1974 1-27-1959	81.0 60.0 18 1 6 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	94-1911 67-1959 40-1945 76-1974 1-58-1988	81.0 60.0 18 1 6 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	94-1911 65-1981 46-1976 74-1987 2-49-1960	81.0 60.0 18 1 6 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	94-1911 65-1981 46-1976 74-1987 2-49-1960	81.0 60.0 18 1 6 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	94-1911 65-1981 46-1976 74-1987 2-49-1960	81.0 60.0 18 1 6 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	94-1911 65-1981 46-1976 74-1987 2-49-1960	81.0 60.0 18 1 6 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	94-1911 65-1981 46-1976 74-1987 2-49-1960
82.0 62.0 11 0 8 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	93-1953 64-1963 44-1931 77-1953 1-24-1971	82.0 62.0 18 0 7 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	93-1939 52-1963 41-1917 75-1953 1-45-1952	82.0 62.0 18 0 7 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	93-1939 52-1963 41-1917 75-1953 1-45-1952	82.0 62.0 18 0 7 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	93-1939 52-1963 41-1917 75-1953 1-45-1952	82.0 62.0 18 0 7 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	93-1939 52-1963 41-1917 75-1953 1-45-1952	82.0 62.0 18 0 7 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	93-1939 52-1963 41-1917 75-1953 1-45-1952	82.0 62.0 18 0 7 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	93-1939 52-1963 41-1917 75-1953 1-45-1952	82.0 62.0 18 0 7 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	93-1939 52-1963 41-1917 75-1953 1-45-1952
83.0 62.0 09 0 8 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	98-1926 69-1964 40-1947 75-1982 1-32-1981	83.0 63.0 10 1 9 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	98-1934 59-1964 45-1947 75-1974 2-71-1976	83.0 63.0 10 1 9 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	98-1934 59-1964 45-1947 75-1974 2-71-1976	83.0 63.0 10 1 9 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	98-1934 59-1964 45-1947 75-1974 2-71-1976	83.0 63.0 10 1 9 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	98-1934 59-1964 45-1947 75-1974 2-71-1976	83.0 63.0 10 1 9 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	98-1934 59-1964 45-1947 75-1974 2-71-1976	83.0 63.0 10 1 9 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	98-1934 59-1964 45-1947 75-1974 2-71-1976	83.0 63.0 10 1 9 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	98-1934 59-1964 45-1947 75-1974 2-71-1976

**MAY AVERAGES**

TEMPERATURE : 69.2°F  
 PRECIPITATION : 5.76"  
 HEATING DEGREE DAYS : 37  
 COOLING DEGREE DAYS : 177