OKLAHOMA
MONTHLY SUMMARY
FEBRUARY 1994

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MONTHLY SUMMARY FOR FEBRUARY 1994

Preliminary statistics indicate that Oklahoma experienced a February that averaged cooler and wetter than normal across the state, although significant precipitation did not occur in the northwestern third of the state. The average temperature in the state for the month was 38.9 degrees, 2.4 degrees less than normal. The average monthly precipitation of 1.82 inches was .09 inch above normal. Statistics for the three winter months indicate that the winter of 1993-94 produced near normal temperatures and precipitation. The average temperature for the season was 39.3 degrees, .3 degree above normal. Total precipitation for the season averaged 4.52 inches across the state, a total that is .18 below normal.

Stations in northwestern and north central Oklahoma received precipitation that averaged less than two-thirds of normal amounts in February. In contrast, precipitation amounts in northeastern Oklahoma, exceeded normal values by almost one-third.

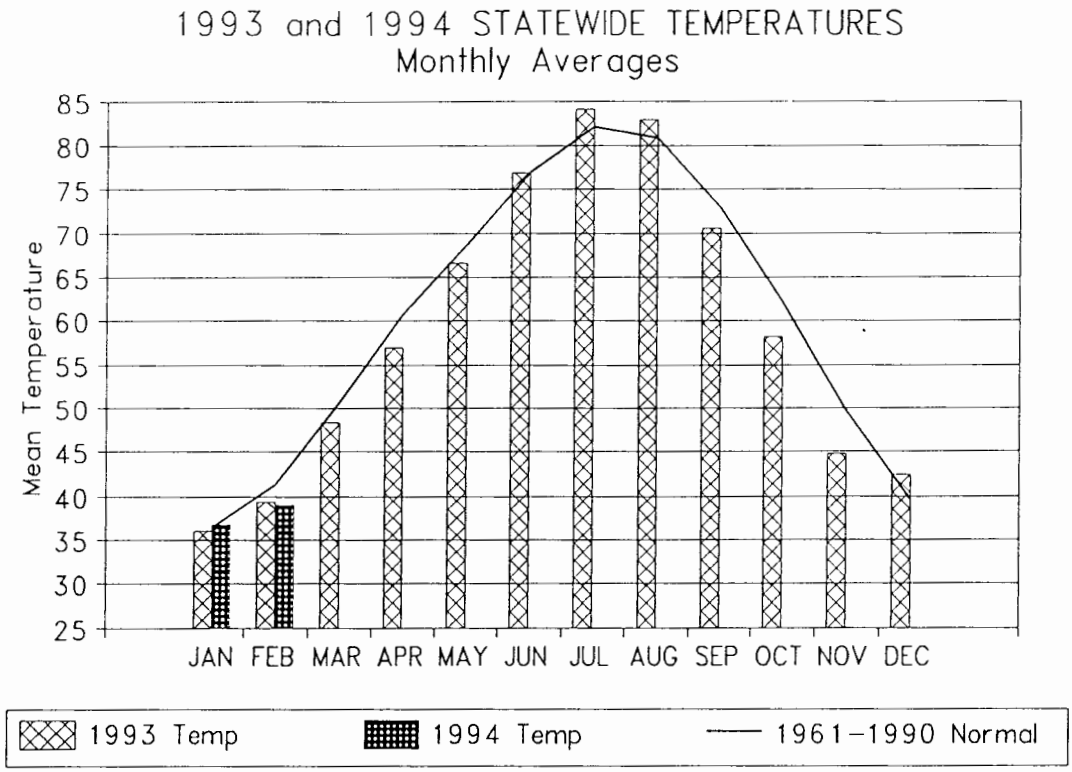
Monthly temperatures in the eastern third of the state averaged less than one degree below normal while the rest of the state was averaging two to four degrees below normal values.

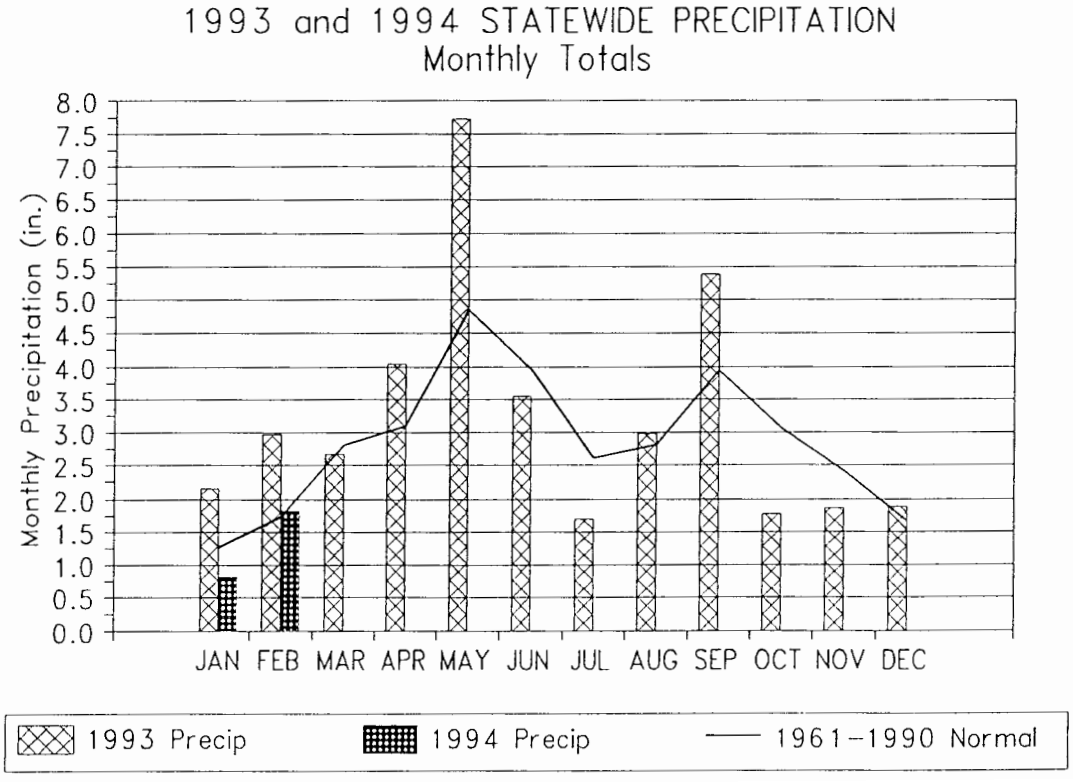
The month's lowest temperatures were reported on the 1st when Hammon, Mutual and Fort Supply each reported lows of zero. Another blast of Arctic air lowered daily minimum temperatures in northwestern Oklahoma into single digits from the 8th through the 11th. Light freezing rain and drizzle covered most of the state on the 8th and 9th, causing numerous traffic accidents. Sleet fell from thunderstorms in Bryan County.

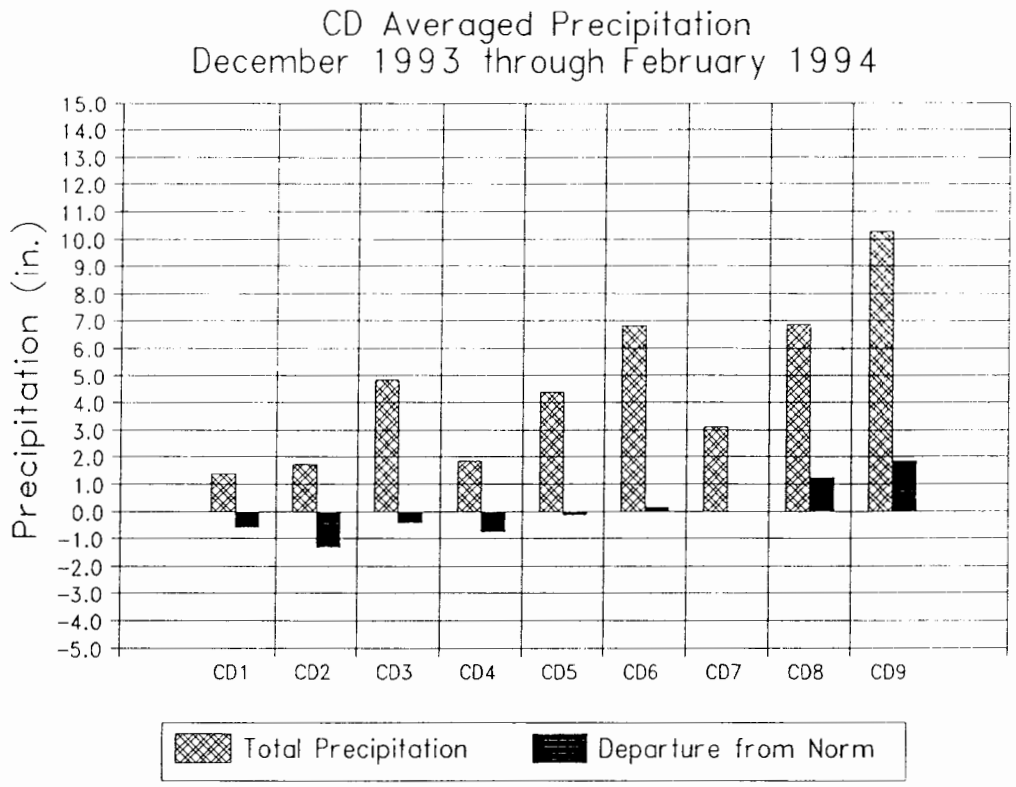
Thunderstorms developed in advance of an approaching frontal system on the 19th, producing strong winds in central and northeastern parts of the state. Gusts estimated to be in excess of 70 miles per hour overturned a mobile home between Bristow and Sapulpa. Wind caused an estimated $25,000 worth of damage in Delaware County. Thunderstorms on the 21st produced 60 to 65 mile-per-hour winds and dime sized hail in Jefferson County. Limbs with diameters up to 2 inches were knocked off of trees in Ryan. Up to 2 inches of snow fell in the northwest on the 21st, but it was not enough moisture to ease the dry conditions that have plagued northwestern Oklahoma since last summer.

Thunderstorm winds caused minor roof damage in Glenpool on the 24th in advance of another cold front which lowered temperatures in the northwest into single digits once again. Thunderstorms produced heavy rains in parts of southeastern Oklahoma on the 27th.

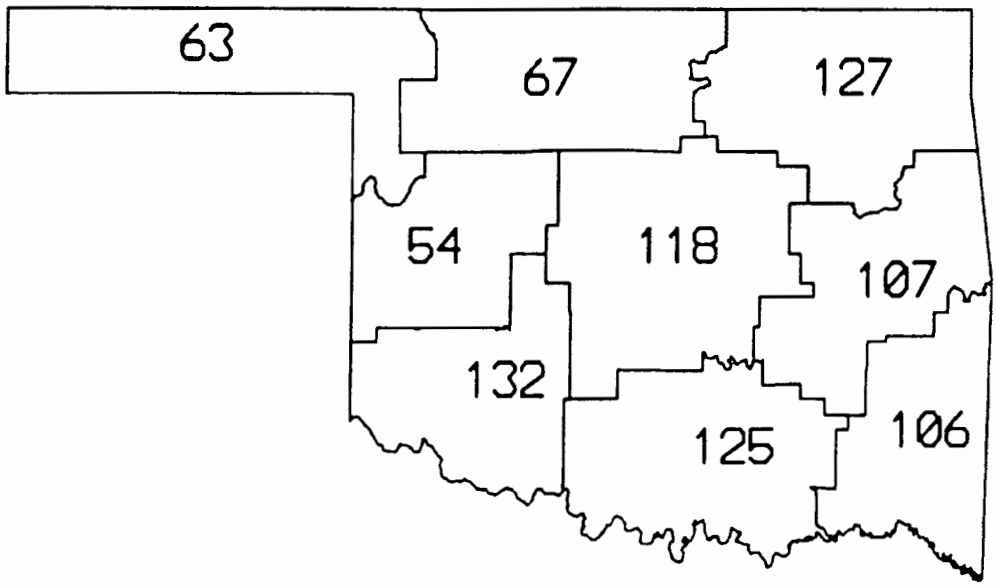
Howard L. Johnson


1993 and 1994 STATEWIDE TEMPERATURES
Monthly Averages
Mean Temperature
85
80
75
70
65
60
55
50
45
40
35
30
25
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1993 Temp
1994 Temp
1961-1990 Normal


1993 and 1994 STATEWIDE PRECIPITATION
Monthly Totals
Monthly Precipitation (in.)
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1993 Precip
1994 Precip
1961-1990 Normal



CD PERCENT OF NORMAL PRECIPITATION



FEBRUARY 1994

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

CD	MAX TEMP	DATE	LOCATION	MIN TEMP	DATE	LOCATION	24-HOUR PRECIP	DATE	LOCATION	MONTHLY PRECIP	LOCATION
1	79	19	BEAVER	-2	1	BEAVER	.45	22	BUFFALO	1.05	BUFFALO
							.45	22	FARGO		
2	76	17	ALVA	0	1	FT SUPPLY DAM	.75	22	CHEROKEE	1.66	MORRISON
				0	1	MUTUAL					
3	88	19	RALSTON	6	9	HULAH DAM	2.68	20	PAWHUSKA	3.67	PAWHUSKA
				6	10	HULAH DAM					
				6	10	JAY TOWER					
				6	9	MIAMI					
				6	10	MIAMI					
4	72	17	ERICK	0	1	HAMMON	.73	22	COLONY	1.20	THOMAS
	72	18	HAMMON								
5	73	17	GUTHRIE	2	1	NORMAN	2.22	20	INGALLS	3.34	CUSHING
6	75	20	MCALESTER	8	9	TAHLEQUAH	3.27	20	SALLISAW	4.83	SALLISAW
7	73	19	ALTUS IRR STA	1	1	ALTUS DAM	2.15	22	RANDLETT	2.74	ANADARKO
	73	7	CHATTANOOGA	1	2	ALTUS DAM					
	73	19	MANGUM RES	1	1	HOLLIS					
				1	1	MANGUM RES					
8	76	7	HEALDTON	8	1	MARLOW	2.95	21	CANEY	5.20	CANEY
				8	1	PAULS VALLEY					
9	82	9	IDABEL	9	1	SMITHVILLE	2.15	22	TUSKAHOMA	4.73	WILBURTON

TABLE OF 1993/1994 COMPARISONS

	February Temperature (°F)		February Precipitation (in.)	
Station	1993	1994	1993	1994
Arnett	33.9	32.1	1.36	0.24
Enid	36.7	37.0	1.75	0.77
Mutual	34.3	32.4	1.05	0.53
Tulsa	40.5	40.1	2.56	1.88
Elk City	38.4	38.8	1.68	0.37
Oklahoma City	38.8	37.4	2.80	2.56
McAlester	43.6	44.8	3.83	2.71
Altus Irr Sta	42.5	40.7	2.20	1.17
Durant	43.0	42.2	5.62	3.31
Ada	41.7	40.0	5.14	1.74
Hugo	45.1	46.7	5.64	3.22

EXTREMES

Variable	Station	Division	Observation	Date
Minimum temperature (°F)	Beaver	1	-02	1
Maximum temperature (°F)	Ralston	3	88	19
Maximum 24-hour precipitation	Sallisaw	6	3.27"	20

FEBRUARY 1994 SUMMARY FOR NORTHWEST DIVISION (CD1)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ARNETT	332	1	32.1	28	-5.0	71.	18	1.	1	921.5	140.5	.0	.0	.241	28	-.77	.21	22
BEAVER	593	1	32.9	28	-3.1	79.	19	-2.	1	899.5	87.5	.0	.0	.250	28	-.53	.17	22
BOISE CITY 2 E	908	1	37.3	28	-.7	75.	17	3.	9	776.5	20.5	.0	.0	.003	28	-.49	.00	22
BUFFALO	1243	1	38.3	28	-1.7	77.	17	6.	10	748.5	48.5	.0	.0	1.050	28	.01	.45	22
FARGO	3070	1	*****	0	*****	****	0	****	0	******	******	******	******	.520	28	-.46	.45	22
GAGE FAA APT	3407	1	35.2	27	-3.7	74.	17	5.	9	803.5	72.5	.0	.0	.414	27	*****	.23	22
GATE	3489	1	33.1	28	-4.3	72.	17	3.	1	892.5	119.5	.0	.0	.321	28	-.52	.28	22
GOODWELL RES ST	3628	1	34.3	28	-1.8	78.	18	4.	9	860.5	51.5	.0	.0	.030	28	-.39	.03	22
GUYMON	3835	1	34.6	20	*****	78.	17	4.	9	608.0	******	.0	******	.000	25	*****	.00	28
HOOKER	4298	1	32.6	28	-5.1	76.	19	4.	10	907.5	143.5	.0	.0	.021	28	-.57	.02	22
KENTON	4766	1	37.9	25	*****	73.	16	5.	1	677.0	******	.0	******	.000	25	*****	.00	28
LAVERNE	5045	1	*****	0	*****	****	0	****	0	******	******	******	******	.351	28	-.62	.28	22
OPTIMA LAKE	6740	1	29.3	17	*****	75.	17	0.	1	607.5	******	.0	******	.030	21	*****	.03	22
REGNIER	7534	1	*****	0	*****	****	0	****	0	******	******	******	******	.001	28	-.32	.00	22
TURPIN 4 SSE	9017	1	32.9	28	*****	77.	18	2.	1	898.5	******	.0	******	.060	28	*****	.05	22

FEBRUARY 1994 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ALVA	193	2	36.1	28	*****	76.	17	6.	10	808.5	******	.0	******	.920	28	*****	.54	22
VANCE AFB	302	2	*****	0	*****	****	0	****	0	******	******	******	******	.685	28	*****	.63	22
BILLINGS	755	2	34.0	28	-3.8	73.	18	5.	10	869.0	107.0	.0	.0	.973	28	-.42	.62	23
BLACKWELL 2E	818	2	36.8	28	-1.4	72.	17	5.	9	790.0	40.0	.0	.0	.794	28	-.28	.40	23
BRAMAN	1075	2	*****	0	*****	****	0	****	0	******	******	******	******	.623	28	*****	.44	22
CEDARDALE	1620	2	*****	0	*****	****	0	****	0	******	******	******	******	.683	28	*****	.41	22
CHEROKEE	1724	2	35.9	27	-3.8	73.	17	4.	9	786.0	78.0	.0	.0	.851	27	*****	.75	22
ENID	2912	2	37.0	28	-3.1	71.	17	5.	9	783.5	86.5	.0	.0	.770	28	-.64	.42	22
FT SUPPLY DAM	3304	2	33.9	28	-3.2	72.	18	0.	1	871.5	90.5	.0	.0	.780	28	-.18	.52	22
FREEDOM	3358	2	31.0	28	-8.3	75.	18	1.	12	953.0	233.0	.0	.0	.580	28	-.30	.48	22
GREAT SALT PLNS	3740	2	34.1	28	-3.4	75.	18	2.	11	864.0	94.0	.0	.0	.632	28	-.38	.47	22
HARDY	3909	2	*****	0	*****	****	0	****	0	******	******	******	******	.623	28	*****	.40	21
HELENA 1 SSE	4019	2	33.7	28	-3.0	73.	18	3.	1	876.0	84.0	.0	.0	.703	28	-.45	.47	22
JEFFERSON	4573	2	38.1	28	-1.1	75.	17	3.	10	755.0	33.0	2.0	2.0	.820	28	-.35	.43	21
LAMONT	5013	2	*****	0	*****	****	0	****	0	******	******	******	******	.690	28	*****	.35	23
MEDFORD	5768	2	*****	0	*****	****	0	****	0	******	******	******	******	.990	28	*****	.52	21
MORRISON	6065	2	*****	0	*****	****	0	****	0	******	******	******	******	1.660	28	*****	.65	20
MUTUAL	6139	2	32.4	28	-5.0	71.	18	0.	1	911.5	138.5	.0	.0	.530	28	-.54	.30	22
NEWKIRK	6278	2	37.0	28	-1.5	71.	17	3.	9	785.0	43.0	.0	.0	.772	28	-.40	.37	22
ORIENTA	6751	2	*****	0	*****	****	0	****	0	******	******	******	******	.530	28	-.50	.32	22
PERRY	7012	2	38.4	28	-2.4	72.	17	7.	9	745.5	67.5	.0	.0	1.100	28	-.46	.61	22
PONCA CITY FAA	7201	2	38.1	27	.5	71.	17	7.	9	726.5	-40.5	.0	.0	.724	27	*****	.51	22
RED ROCK 1 NNE	7505	2	*****	0	*****	****	0	****	0	******	******	******	******	.900	28	-.48	.52	22
WAYNOKA	9404	2	35.1	28	-4.9	73.	17	1.	10	837.0	137.0	.0	.0	.680	28	-.40	.39	22
WOODWARD	9760	2	*****	0	*****	****	0	****	0	******	******	******	******	.561	28	-.47	.45	22

FEBRUARY 1994 SUMMARY FOR NORTHEAST DIVISION (CD3)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
BARNSDALL	535	3	37.6	28	-2.4	71.	17	7.	9	766.0	66.0	.0	.0	2.563	28	.71	1.72	20
BARTLESVILLE 2W	548	3	38.0	28	-2.0	72.	17	7.	9	755.0	55.0	.0	.0	2.901	28	1.32	2.16	20
BIXBY	782	3	37.0	28	-1.9	72.	19	9.	10	783.5	52.5	.0	.0	1.950	28	.12	.98	22
BURBANK	1256	3	*****	0	*****	****	0	****	0	******	******	******	******	1.453	28	.05	.83	22
CHELSEA 4 S	1717	3	*****	0	*****	****	0	****	0	******	******	******	******	2.000	28	*****	.93	22
CLAREMORE	1828	3	36.8	28	-1.5	71.	18	10.	10	791.0	41.0	.0	.0	2.200	28	.20	1.08	22
CLEVELAND 5 WSW	1902	3	40.2	28	*****	78.	21	7.	9	695.5	******	.0	******	2.872	28	*****	1.80	20
FORAKER	3250	3	*****	0	*****	****	0	****	0	******	******	******	******	1.302	28	-.03	.77	20
HOLLOW	4258	3	*****	0	*****	****	0	****	0	******	******	******	******	1.911	28	.13	.94	20
HOMINY	4289	3	*****	0	*****	****	0	****	0	******	******	******	******	3.041	28	1.38	2.08	20
HULAH DAM	4393	3	34.4	19	*****	73.	18	6.	10	581.0	******	.0	******	2.750	26	*****	2.00	20
JAY TOWER	4567	3	37.3	28	*****	70.	19	6.	10	775.0	******	.0	******	2.580	28	*****	1.30	22
KANSAS 1 ESE	4672	3	40.4	28	-.6	67.	20	8.	9	689.5	17.5	.0	.0	2.642	28	.30	1.20	22
KEYSTONE DAM	4812	3	36.7	27	-2.2	72.	18	8.	10	764.5	33.5	.0	.0	1.045	28	-.96	.89	20
LENAPAH	5118	3	*****	0	*****	****	0	****	0	******	******	******	******	2.320	23	*****	1.56	20
MANNFORD 6 NW	5522	3	39.1	28	-1.8	74.	17	7.	9	725.0	50.0	.0	.0	2.040	28	.09	.95	20
MARAMEC	5540	3	*****	0	*****	****	0	****	0	******	******	******	******	3.062	28	1.50	1.95	20
MIAMI	5855	3	37.2	28	-.5	70.	18	6.	10	779.0	15.0	.0	.0	2.031	28	.00	.89	22
NOWATA	6485	3	38.4	28	-1.1	68.	18	7.	9	743.5	29.5	.0	.0	1.632	28	-.24	1.11	20
ONETA 1 WNW	6713	3	*****	0	*****	****	0	****	0	******	******	******	******	2.130	28	*****	1.05	22
PAWHUSKA	6935	3	37.9	28	-1.6	70.	17	6.	9	758.5	44.5	.0	.0	3.673	28	1.87	2.68	20
PAWNEE	6940	3	*****	0	*****	****	0	****	0	******	******	******	******	3.190	28	1.50	1.97	20
PRYOR 6 N	7309	3	37.2	25	*****	71.	19	9.	10	694.5	******	.0	******	2.053	25	*****	1.04	22
RALSTON	7390	3	39.5	28	-.5	88.	19	7.	9	722.5	22.5	8.0	8.0	1.552	28	-.08	1.55	20
RAMONA 4 N	7394	3	*****	0	*****	****	0	****	0	******	******	******	******	2.390	28	*****	1.56	21
SKIATOOK	8258	3	*****	0	*****	****	0	****	0	******	******	******	******	1.360	28	-.44	.63	22
SPAVINAW	8380	3	42.0	28	.7	66.	18	10.	9	643.5	-20.5	.0	.0	2.334	28	.39	1.16	20
TULSA WSO APT	8992	3	40.1	27	-.2	72.	17	9.	9	673.5	-18.5	.0	.0	1.883	27	*****	.83	22
UPPER SPAVINAW	9101	3	41.0	28	*****	69.	18	10.	1	671.5	******	.0	******	2.311	28	*****	1.20	22
VINITA 2 N	9203	3	42.0	17	*****	69.	18	15.	27	390.5	******	.0	******	1.571	18	*****	.72	22
WAGONER	9247	3	40.7	28	-1.1	69.	17	9.	9	679.5	29.5	.0	.0	2.431	28	.36	1.25	20
WANN	9298	3	*****	0	*****	****	0	****	0	******	******	******	******	3.181	28	*****	2.40	20
WYNONA	9792	3	*****	0	*****	****	0	****	0	******	******	******	******	2.651	28	*****	1.82	20

FEBRUARY 1994 SUMMARY FOR WEST CENTRAL DIVISION (CD4)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
CANTON DAM	1445	4	33.8	28	-4.6	69.	18	4.	1	874.0	129.0	.0	.0	.551	28	-.50	.40	22
CHEYENNE	1738	4	*****	0	*****	****	0	****	0	******	******	******	******	.390	28	-.59	.20	22
CLINTON	1909	4	37.7	28	-3.8	70.	17	6.	1	764.5	106.5	.0	.0	.782	28	-.41	.47	22
COLONY	2039	4	*****	0	*****	****	0	****	0	******	******	******	******	.731	28	*****	.73	22
CORDELL	2125	4	*****	0	*****	****	0	****	0	******	******	******	******	.801	28	-.40	.68	22
ELK CITY 1 E	2849	4	38.8	28	-2.3	69.	24	8.	10	734.5	65.5	.0	.0	.373	28	-.83	.30	22
ERICK 4 E	2944	4	38.1	28	-3.4	72.	17	3.	1	752.5	94.5	.0	.0	.231	28	-.74	.17	22
GEARY	3497	4	39.2	27	-1.2	70.	17	11.	10	696.0	7.0	.0	.0	.540	28	-.69	.54	22
HAMMON 1 NNE	3871	4	33.0	28	-5.8	72.	18	0.	1	895.5	161.5	.0	.0	.430	28	-.62	.31	22
LEEDEY	5090	4	*****	0	*****	****	0	****	0	******	******	******	******	.690	28	-.33	.33	22
MACKIE 4 NNW	5463	4	*****	0	*****	****	0	****	0	******	******	******	******	.170	28	*****	.12	22
MORAVIA 2 NNE	6035	4	*****	0	*****	****	0	****	0	******	******	******	******	.490	28	-.67	.42	22
OKEENE	6629	4	37.3	28	-4.0	71.	19	4.	10	777.0	111.0	.0	.0	.890	28	-.32	.49	22
RETROP	7565	4	*****	0	*****	****	0	****	0	******	******	******	******	.620	28	*****	.58	22
REYDON	7579	4	*****	0	*****	****	0	****	0	******	******	******	******	.270	28	-.71	.16	22
SAYRE	7952	4	*****	0	*****	****	0	****	0	******	******	******	******	.260	28	-.56	.25	22
SWEETWATER 2 E	8652	4	*****	0	*****	****	0	****	0	******	******	******	******	.621	28	*****	.38	28
TALOGA	8708	4	35.4	28	-4.4	70.	17	4.	10	830.0	124.0	.0	.0	.720	28	-.37	.68	22
THOMAS	8815	4	*****	0	*****	****	0	****	0	******	******	******	******	1.200	28	*****	.70	22
VICI	9172	4	*****	0	*****	****	0	****	0	******	******	******	******	.771	28	-.43	.45	22
WATONGA	9364	4	36.8	28	-3.5	70.	19	6.	10	788.5	96.5	.0	.0	.742	28	-.52	.64	22
WEATHERFORD	9422	4	35.4	24	*****	71.	20	7.	9	710.0	******	.0	******	.660	24	*****	.63	22

FEBRUARY 1994 SUMMARY FOR CENTRAL DIVISION (CD5)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
AMBER	200	5	*****	0	*****	****	0	****	0	******	******	******	******	2.130	28	*****	1.60	22
ARCADIA	288	5	*****	0	*****	****	0	****	0	******	******	******	******	2.840	28	*****	1.40	22
TINKER AFB	325	5	*****	0	*****	****	0	****	0	******	******	******	******	2.367	28	*****	1.28	22
BLANCHARD 2 SSW	830	5	40.0	28	-3.0	72.	17	9.	9	699.0	83.0	.0	.0	2.452	28	.70	1.58	22
BRISTOW	1144	5	40.2	28	-1.8	72.	17	8.	9	693.5	49.5	.0	.0	2.232	28	.30	1.06	22
CHANDLER	1684	5	39.1	23	*****	71.	18	8.	9	595.5	******	.0	******	2.550	23	*****	1.60	22
CHICKASHA EX ST	1750	5	37.4	28	-5.2	72.	17	9.	9	774.0	147.0	.0	.0	2.670	28	1.08	1.86	22
COX CITY 1 E	2196	5	*****	0	*****	****	0	****	0	******	******	******	******	2.220	28	*****	1.55	22
CRESCENT	2242	5	*****	0	*****	****	0	****	0	******	******	******	******	1.110	28	*****	.67	22
CUSHING	2318	5	36.1	26	*****	71.	17	7.	10	751.0	******	.0	******	3.340	26	*****	2.05	19
EL RENO 1 N	2818	5	38.4	28	-2.4	70.	17	8.	9	744.0	66.0	.0	.0	1.360	28	.06	.94	22
GUTHRIE	3821	5	40.2	28	-1.5	73.	17	8.	9	694.0	42.0	.0	.0	2.001	28	.34	1.10	22
HENNESSEY 4 ESE	4055	5	37.1	28	-3.1	70.	17	7.	10	781.0	87.0	.0	.0	.581	28	-.65	.44	22
INGALLS	4489	5	*****	0	*****	****	0	****	0	******	******	******	******	2.671	28	*****	2.22	20
KINGFISHER 2 SE	4861	5	36.9	28	-4.2	71.	17	8.	10	787.0	118.0	.0	.0	.671	28	-.72	.52	22
KONAWA	4915	5	*****	0	*****	****	0	****	0	******	******	******	******	1.760	28	-.32	1.04	22
MARSHALL	5589	5	*****	0	*****	****	0	****	0	******	******	******	******	.730	28	-.54	.52	22
MEEKER 4 W	5779	5	38.4	27	-3.5	70.	17	8.	9	718.0	71.0	.0	.0	2.631	27	*****	1.13	21
MULHALL	6110	5	*****	0	*****	****	0	****	0	******	******	******	******	1.210	28	*****	.69	22
NORMAN 3 S	6386	5	38.3	28	-4.5	72.	17	2.	1	747.5	125.5	.0	.0	2.391	28	.67	1.34	22
OILTON 2 SE	6616	5	*****	0	*****	****	0	****	0	******	******	******	******	3.121	28	*****	1.46	19
OKEMAH	6638	5	41.7	28	-.8	70.	17	8.	9	653.0	23.0	.0	.0	2.091	28	.18	1.04	22
OKLAHOMA CTY WS	6661	5	37.4	28	-3.5	71.	17	8.	9	774.0	99.0	.0	.0	2.562	28	1.00	1.32	21
PERKINS	7003	5	*****	0	*****	****	0	****	0	******	******	******	******	2.960	28	1.29	1.52	20
PIEDMONT	7068	5	*****	0	*****	****	0	****	0	******	******	******	******	1.560	27	*****	1.08	22
PRAGUE	7264	5	*****	0	*****	****	0	****	0	******	******	******	******	2.290	28	.35	1.28	22
PURCELL 5 SW	7327	5	39.5	28	-3.2	72.	17	7.	1	713.5	89.5	.0	.0	2.610	28	.64	1.60	22
SEMINOLE	8042	5	40.7	28	-3.4	70.	17	9.	9	681.0	96.0	.0	.0	1.880	28	-.13	1.10	22
SHAWNEE	8110	5	*****	0	*****	****	0	****	0	******	******	******	******	2.441	28	.43	1.32	22
STELLA	8479	5	*****	0	*****	****	0	****	0	******	******	******	******	2.490	28	*****	1.42	22
STILLWATER 2 W	8501	5	36.4	28	-2.2	72.	18	7.	9	800.5	61.5	.0	.0	2.122	28	.59	.89	22
STROUD 1 N	8563	5	*****	0	*****	****	0	****	0	******	******	******	******	1.802	28	*****	.95	22
TECUMSEH	8751	5	*****	0	*****	****	0	****	0	******	******	******	******	2.440	28	*****	1.43	22
TROUSDALE	8960	5	*****	0	*****	****	0	****	0	******	******	******	******	2.140	28	*****	1.29	22
UNION CITY 1 SE	9086	5	*****	0	*****	****	0	****	0	******	******	******	******	2.000	28	.42	1.58	22
WELTY 1 SSE	9479	5	*****	0	*****	****	0	****	0	******	******	******	******	2.113	28	*****	1.21	22
WEWOKA	9575	5	*****	0	*****	****	0	****	0	******	******	******	******	1.340	28	-.85	.73	22

FEBRUARY 1994 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ASHLAND	364	6	*****	0	*****	****	0	****	0	******	******	******	******	2.940	28	*****	1.93	22
BEGGS	631	6	*****	0	*****	****	0	****	0	******	******	******	******	2.440	28	*****	1.42	20
BOYNTON	1027	6	*****	0	*****	****	0	****	0	******	******	******	******	2.291	28	*****	1.07	22
CALVIN	1391	6	*****	0	*****	****	0	****	0	******	******	******	******	3.300	31	1.18	1.70	21
CHECOTAH	1711	6	*****	0	*****	****	0	****	0	******	******	******	******	2.831	28	.64	1.63	22
CLAYTON 14 WNW	1858	6	*****	0	*****	****	0	****	0	******	******	******	******	3.300	28	*****	1.70	22
DEWAR 2 NE	2485	6	*****	0	*****	****	0	****	0	******	******	******	******	1.350	28	-.88	1.20	22
DUSTIN	2690	6	*****	0	*****	****	0	****	0	******	******	******	******	1.980	28	*****	1.34	22
EUFAULA	2993	6	42.7	28	-.9	69.	19	12.	9	624.5	25.5	.0	.0	2.490	28	.12	1.41	22
HANNA	3884	6	41.0	23	*****	69.	18	10.	9	551.5	******	.0	******	2.400	28	.02	1.55	22
HARTSHORNE	3946	6	*****	0	*****	****	0	****	0	******	******	******	******	3.060	28	*****	1.73	22
HASKELL	3956	6	*****	0	*****	****	0	****	0	******	******	******	******	2.100	28	-.07	.91	22
HOLDENVILLE	4235	6	41.6	28	-1.9	71.	17	9.	9	654.5	46.5	.0	-6.0	1.870	28	-.08	1.12	22
LAKE EUFAULA	4975	6	39.8	26	*****	72.	19	10.	26	655.0	******	.0	******	2.373	26	*****	1.45	22
LYONS 2 N	5437	6	*****	0	*****	****	0	****	0	******	******	******	******	3.270	28	1.35	1.39	22
MARBLE CITY	5546	6	*****	0	*****	****	0	****	0	******	******	******	******	2.664	28	*****	1.51	22
MCALESTER FAA	5664	6	44.8	27	2.3	75.	20	13.	9	546.0	-84.0	.0	.0	2.711	26	*****	1.38	22
MCCURTAIN 1 SE	5693	6	44.4	28	.4	72.	17	13.	1	576.5	-11.5	.0	.0	2.462	28	-.48	1.40	22
MUSKOGEE	6130	6	41.7	27	-.4	69.	18	10.	9	629.0	-12.0	.0	.0	1.930	28	-.38	.65	20
OKMULGEE W W	6670	6	36.9	28	-3.2	70.	18	9.	10	787.0	90.0	.0	.0	1.782	28	-.37	.94	22
OKTAHA 2 NE	6678	6	*****	0	*****	****	0	****	0	******	******	******	******	2.420	28	*****	1.49	22
QUINTON	7372	6	*****	0	*****	****	0	****	0	******	******	******	******	2.853	28	.35	1.47	22
SALLISAW 2 NE	7862	6	42.8	25	*****	69.	17	11.	1	555.5	******	.0	******	4.831	25	*****	3.27	20
SCRAPER	7993	6	*****	0	*****	****	0	****	0	******	******	******	******	2.560	28	*****	1.16	22
SHORT	8170	6	*****	0	*****	****	0	****	0	******	******	******	******	3.050	28	*****	1.50	22
TAHLEQUAH	8677	6	41.1	28	-.2	69.	18	8.	9	669.0	5.0	.0	.0	2.750	28	.34	1.31	22
WEBBERS FALLS	9445	6	38.4	28	-1.9	69.	21	11.	10	746.0	54.0	.0	.0	2.540	28	.00	1.58	22
WESTVILLE	9523	6	*****	0	*****	****	0	****	0	******	******	******	******	2.680	28	*****	1.40	22
WETUMKA 3 NE	9571	6	*****	0	*****	****	0	****	0	******	******	******	******	1.990	28	-.15	1.10	22

FEBRUARY 1994 SUMMARY FOR SOUTHWEST DIVISION (CD7)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ALTUS IRR STA	179	7	40.7	28	-3.6	73.	19	5.	1	681.0	101.0	.0	.0	1.170	28	.07	1.12	22
ALTUS DAM	184	7	36.3	28	-5.2	72.	20	1.	2	804.5	146.5	.0	.0	.790	28	-.40	.76	22
ANADARKO	224	7	38.3	24	*****	71.	17	8.	8	640.5	******	.0	******	2.740	28	1.33	1.66	22
APACHE	260	7	*****	0	*****	****	0	****	0	******	******	******	******	2.600	28	1.16	2.00	22
ALTUS AFB	447	7	*****	0	*****	****	0	****	0	******	******	******	******	2.352	28	*****	1.88	22
CARNEGIE 2 ENE	1504	7	38.5	28	-3.5	72.	17	8.	2	741.5	97.5	.0	.0	.950	28	-.40	.90	22
CHATTANOOGA	1706	7	40.8	28	-3.0	73.	7	10.	1	677.0	83.0	.0	.0	2.010	28	.61	1.62	22
DUNCAN 11 W	2668	7	*****	0	*****	****	0	****	0	******	******	******	******	2.303	28	*****	1.71	21
FREDERICK	3353	7	38.8	28	-3.8	69.	21	8.	2	733.5	106.5	.0	.0	2.460	28	1.17	2.00	22
GRANDFIELD 4 NW	3709	7	*****	0	*****	****	0	****	0	******	******	******	******	2.380	28	.93	1.77	22
HEADRICK	3998	7	*****	0	*****	****	0	****	0	******	******	******	******	1.450	28	*****	1.20	22
HOBART FAA APT	4204	7	39.1	27	-2.8	71.	19	5.	1	698.5	51.5	.0	.0	.774	27	*****	.54	22
HOLLIS	4249	7	38.8	28	-4.8	72.	18	1.	1	733.5	134.5	.0	.0	.941	28	-.07	.93	22
LAWTON	5063	7	38.3	27	-3.6	70.	19	11.	10	721.0	74.0	.0	.0	2.100	27	*****	2.10	21
FORT SILL	5068	7	40.1	28	*****	70.	17	11.	1	697.0	******	.0	******	2.375	28	*****	1.87	21
LOOKEBA 2 ENE	5329	7	*****	0	*****	****	0	****	0	******	******	******	******	1.020	28	-.29	.84	22
MANGUM RES STA	5509	7	38.0	28	-5.5	73.	19	1.	1	756.0	154.0	.0	.0	.980	28	-.14	.94	22
RANDLETT 9 E	7403	7	*****	0	*****	****	0	****	0	******	******	******	******	2.492	28	*****	2.15	22
ROOSEVELT	7727	7	*****	0	*****	****	0	****	0	******	******	******	******	1.400	28	.26	1.40	22
SEDAN	8016	7	*****	0	*****	****	0	****	0	******	******	******	******	1.162	28	*****	1.11	22
SNYDER	8299	7	*****	0	*****	****	0	****	0	******	******	******	******	1.932	28	.70	1.38	22
VINSON 3 WNW	9212	7	*****	0	*****	****	0	****	0	******	******	******	******	.590	28	-.28	.51	22
WICHITA MT WLR	9629	7	36.1	28	-4.8	68.	18	7.	1	809.5	134.5	.0	.0	2.090	28	.63	1.67	21
WILLOW	9668	7	*****	0	*****	****	0	****	0	******	******	******	******	.651	28	*****	.59	22

FEBRUARY 1994 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

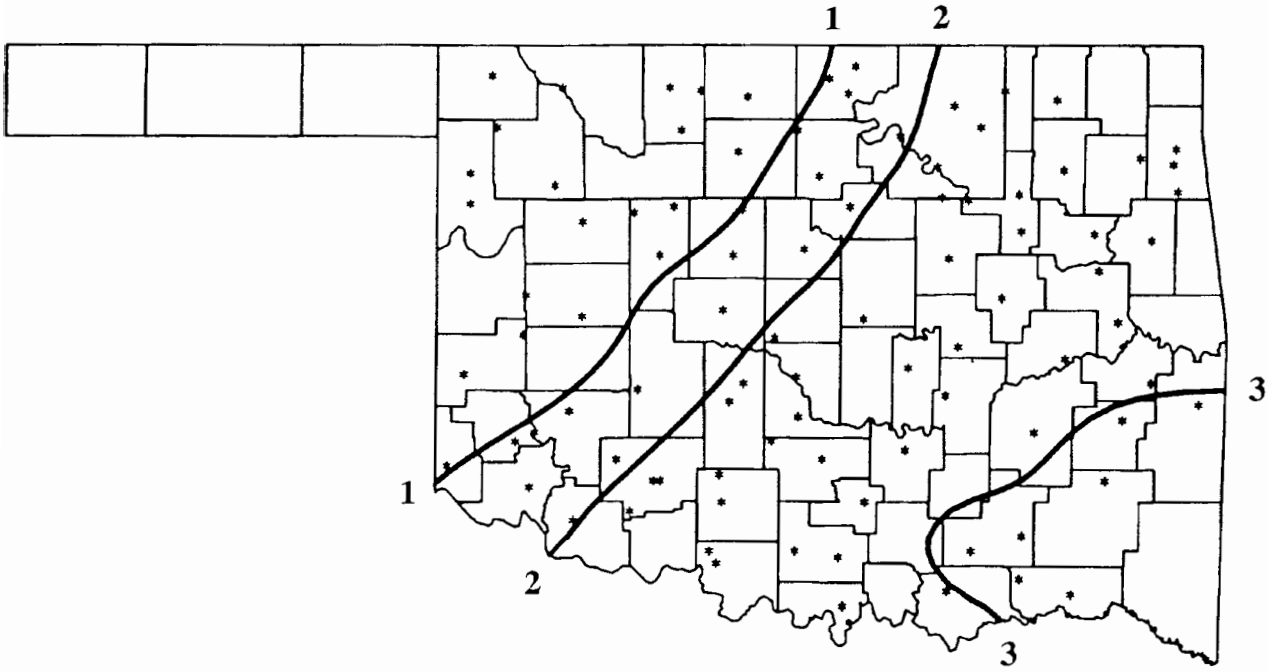
NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ADA	17	8	40.0	28	-3.7	69.	20	9.	10	699.5	103.5	.0	.0	1.740	28	-.41	1.11	22
ALLEN	147	8	*****	0	*****	****	0	****	0	******	******	******	******	2.100	28	*****	1.40	22
ARDMORE	292	8	44.3	28	-2.2	73.	7	12.	9	579.5	55.5	.0	-6.0	2.270	28	.25	1.30	22
ATOKA DAM	394	8	41.2	20	*****	72.	8	12.	1	477.0	******	.0	******	2.230	20	*****	1.54	22
BOKCHITO	917	8	*****	0	*****	****	0	****	0	******	******	******	******	2.280	28	*****	1.64	22
CANEY	1437	8	44.3	27	*****	70.	16	15.	9	558.0	******	.0	******	5.200	28	*****	2.95	21
CENTRAHOMA	1648	8	*****	0	*****	****	0	****	0	******	******	******	******	3.850	28	*****	1.60	28
CHICKASAW NRA	1745	8	39.4	28	-2.8	71.	21	10.	10	715.5	77.5	.0	.0	2.100	28	.12	1.29	22
COLEMAN	2011	8	*****	0	*****	****	0	****	0	******	******	******	******	3.200	28	*****	1.85	22
COMANCHE	2054	8	*****	0	*****	****	0	****	0	******	******	******	******	2.100	28	.36	1.53	21
DAISY 4 ENE	2354	8	*****	0	*****	****	0	****	0	******	******	******	******	2.390	28	-.73	1.73	22
DUNCAN	2660	8	39.5	28	-3.2	72.	8	11.	10	713.5	89.5	.0	.0	2.660	28	.96	1.68	22
DURANT USDA	2678	8	42.2	28	-1.3	71.	21	13.	1	638.5	36.5	.0	.0	3.310	28	.68	2.00	22
FARRIS 3 WNW	3083	8	*****	0	*****	****	0	****	0	******	******	******	******	3.250	28	.32	2.22	22
GRADY	3688	8	*****	0	*****	****	0	****	0	******	******	******	******	3.910	28	*****	2.03	28
HEALDTON	4001	8	42.7	28	-1.7	76.	7	11.	9	624.0	47.0	.0	.0	1.771	28	-.06	1.21	22
HENNEPIN	4052	8	*****	0	*****	****	0	****	0	******	******	******	******	2.250	28	*****	1.67	22
KETCHUM RANCH	4780	8	*****	0	*****	****	0	****	0	******	******	******	******	2.100	28	*****	1.24	22
KINGSTON	4865	8	*****	0	*****	****	0	****	0	******	******	******	******	2.200	28	-.43	.74	22
LEHIGH	5108	8	*****	0	*****	****	0	****	0	******	******	******	******	2.253	28	*****	1.50	22
LINDSAY 2 W	5216	8	40.0	28	-3.3	72.	17	10.	9	700.0	92.0	.0	.0	2.151	28	.37	1.64	22
LOCO 6 SE	5247	8	*****	0	*****	****	0	****	0	******	******	******	******	2.220	28	*****	2.08	22
MADILL	5468	8	43.8	28	-1.6	72.	19	13.	9	593.0	44.0	.0	.0	5.060	28	2.51	1.83	21
MARIETTA	5563	8	45.1	28	-.5	74.	20	13.	9	557.0	14.0	.0	.0	2.930	28	.77	1.50	22
MARLOW 1 WSW	5581	8	41.9	28	-1.6	72.	17	8.	1	648.0	46.0	.0	.0	2.220	28	.63	1.79	22
MCGEE CREEK DAM	5713	8	42.3	28	*****	72.	8	13.	1	637.0	******	.0	******	3.271	28	*****	2.06	22
PAULS VALLEY	6926	8	41.2	28	-2.7	72.	17	8.	1	666.0	75.0	.0	.0	2.800	28	.95	1.85	22
PONTOTOC	7214	8	*****	0	*****	****	0	****	0	******	******	******	******	3.652	28	1.52	1.55	28
TISHOMINGO NWLR	8884	8	41.6	19	*****	70.	17	9.	10	444.5	******	.0	******	2.840	19	*****	2.84	22
TUSSY	9032	8	*****	0	*****	****	0	****	0	******	******	******	******	2.040	28	*****	1.62	22
WAURIKA	9395	8	42.2	28	-3.2	75.	7	11.	9	638.5	89.5	.0	.0	2.321	28	.70	1.96	21
WAURIKA DAM	9399	8	41.7	28	*****	74.	8	11.	1	651.5	******	.0	******	2.410	28	*****	1.74	22

FEBRUARY 1994 SUMMARY FOR SOUTHEAST DIVISION (CD9)

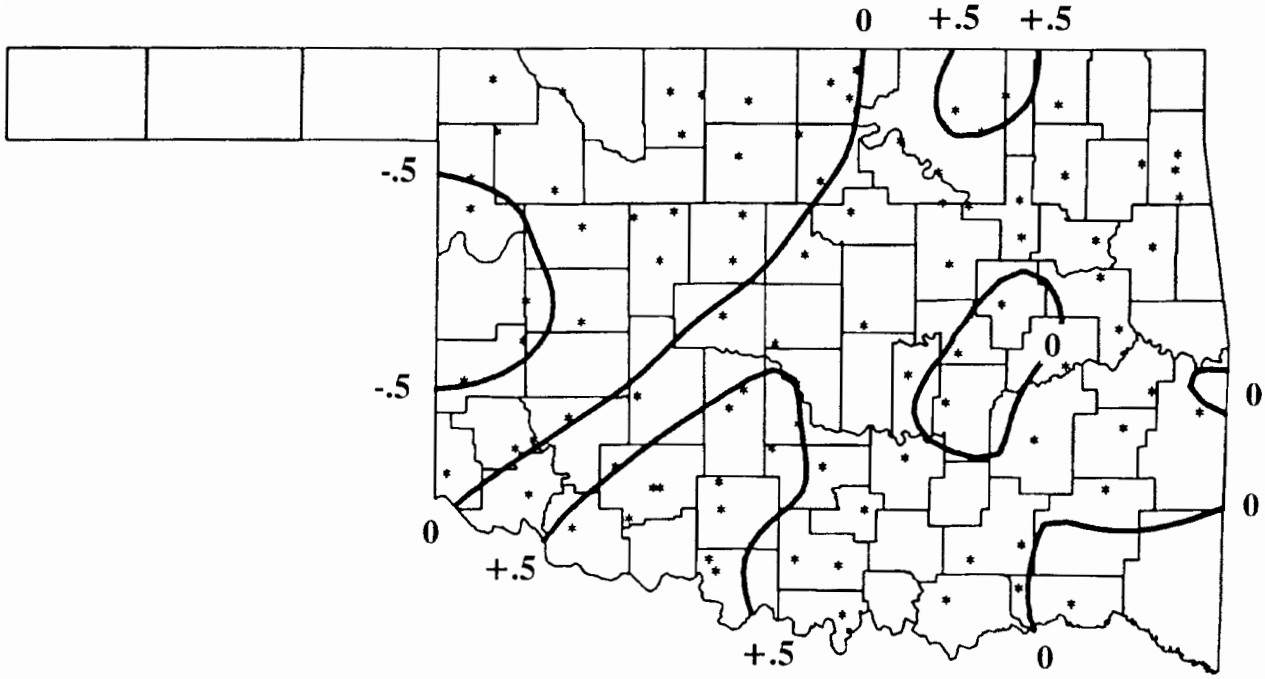
NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ANTLERS	256	9	43.1	26	*****	71.	6	12.	1	568.5	******	.0	******	******	0	*****	*****	0
BATTIEST 1 SSW	567	9	43.3	28	*****	74.	8	11.	1	608.5	******	1.5	******	2.881	28	*****	1.90	22
BEAR MT TWR	584	9	44.4	19	*****	71.	8	16.	1	390.5	******	.0	******	2.760	24	*****	1.73	22
BENGAL	670	9	*****	0	*****	****	0	****	0	******	******	******	******	3.220	28	*****	1.54	22
BOSWELL 4 NNW	980	9	44.9	28	-.3	72.	7	14.	1	561.5	7.5	.0	.0	2.741	28	-.32	1.86	22
BROKEN BOW 1 N	1162	9	*****	0	*****	****	0	****	0	******	******	******	******	3.020	28	-.48	1.38	22
BROKEN BOW DAM	1168	9	44.7	28	1.0	78.	8	15.	1	567.5	-28.5	.0	.0	2.821	28	-.72	1.41	21
CARNASAW TWR	1499	9	*****	0	*****	****	0	****	0	******	******	******	******	1.650	28	-1.89	1.21	22
CARTER TWR	1544	9	*****	0	*****	****	0	****	0	******	******	******	******	2.810	28	-.76	1.66	22
FANSHAWE	3065	9	*****	0	*****	****	0	****	0	******	******	******	******	2.710	28	-.43	1.50	22
HEAVENER 1 SE	4008	9	*****	0	*****	****	0	****	0	******	******	******	******	2.931	28	-.01	1.16	20
HEE MT TWR	4017	9	*****	0	*****	****	0	****	0	******	******	******	******	2.461	28	-1.18	1.47	22
HUGO	4384	9	46.7	28	.1	78.	8	16.	9	515.5	.5	3.0	3.0	3.221	28	-.11	1.90	22
IDABEL	4451	9	44.7	28	.3	82.	9	15.	1	567.5	-9.5	.0	.0	3.652	28	.12	1.67	20
POTEAU W W	7254	9	42.2	28	*****	72.	20	15.	10	639.0	******	.0	******	3.820	28	*****	1.20	28
SMITHVILLE 1 W	8285	9	43.4	28	.5	74.	8	9.	1	606.0	-13.0	1.0	1.0	2.154	28	-1.49	1.65	22
SPIRO	8416	9	*****	0	*****	****	0	****	0	******	******	******	******	2.380	28	-.50	1.35	22
TUSKAHOMA	9023	9	44.4	28	-.5	70.	20	10.	1	576.0	13.0	.0	.0	3.580	28	.64	2.15	22
VALLIANT 3 W	9118	9	*****	0	*****	****	0	****	0	******	******	******	******	2.632	28	-.84	1.88	22
WILBURTON 9 ENE	9634	9	42.8	28	-.4	73.	20	10.	1	621.0	11.0	.0	.0	4.730	28	1.70	1.82	28

FEBRUARY 1994 CLIMATE DIVISION SUMMARY

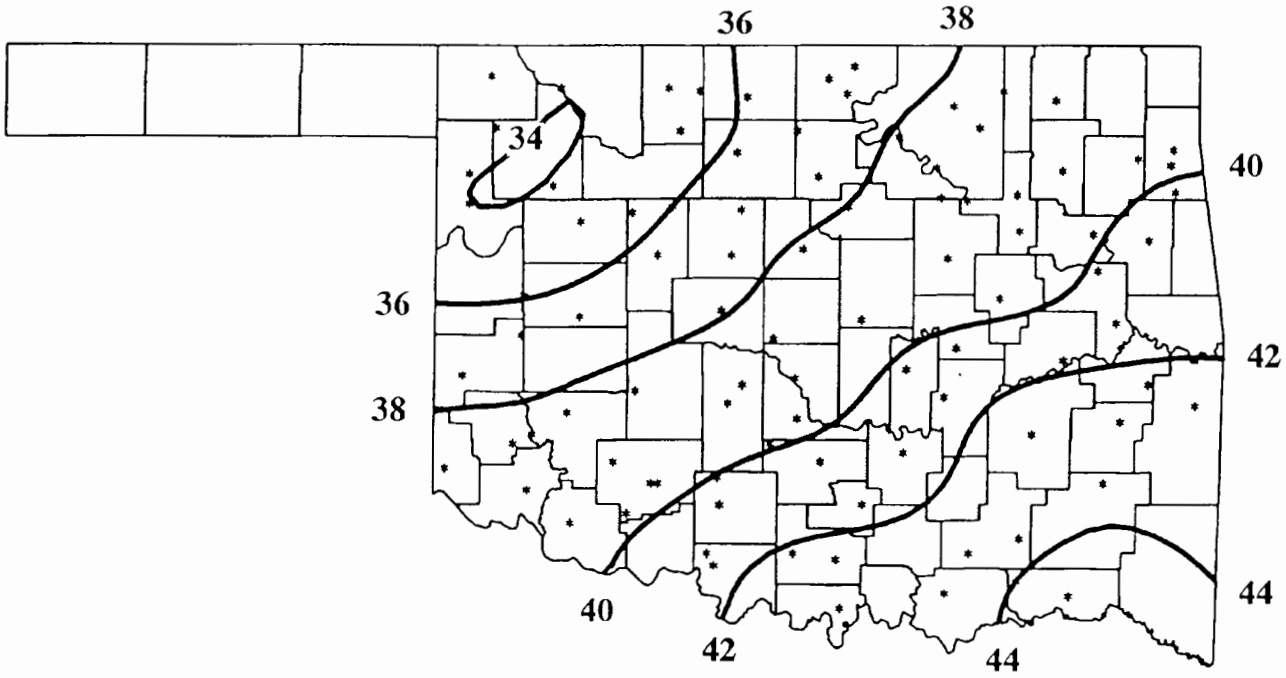
CLIMATE DIV	MEAN TEMP	NUM STA	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEGREE DAYS	DEV FROM NORM	COOL DEGREE DAYS	DEV FROM NORM	TOT PPT	NUM STA	DEV FROM NORM	MAX 24-HR	DAY
1	34.3	9	-3.2	79.0	19	-2.0	1	856.5	85.6	.0	.0	.26	11	-.46	.45	22
2	35.4	15	-3.2	76.0	17	.0	1	824.1	87.1	.1	.1	.78	23	-.38	.75	22
3	38.8	17	-.7	88.0	19	6.0	9	730.4	15.6	.5	.5	2.30	28	.49	2.68	20
4	36.7	9	-3.7	72.0	18	.0	1	790.3	100.5	.0	.0	.58	21	-.52	.73	22
5	38.8	14	-3.0	73.0	17	2.0	1	732.9	82.1	.0	.0	2.05	33	.32	2.22	20
6	41.4	8	-.9	75.0	20	8.0	9	654.1	19.6	.0	-.6	2.51	26	.18	3.27	20
7	38.7	11	-3.9	73.0	19	1.0	1	732.1	104.3	.0	.0	1.67	22	.43	2.15	22
8	42.0	15	-2.1	76.0	7	8.0	1	641.3	56.9	.0	-.4	2.73	30	.56	2.95	21
9	44.1	9	-.5	82.0	9	9.0	1	584.7	15.2	.6	.6	2.97	18	-.33	2.15	22



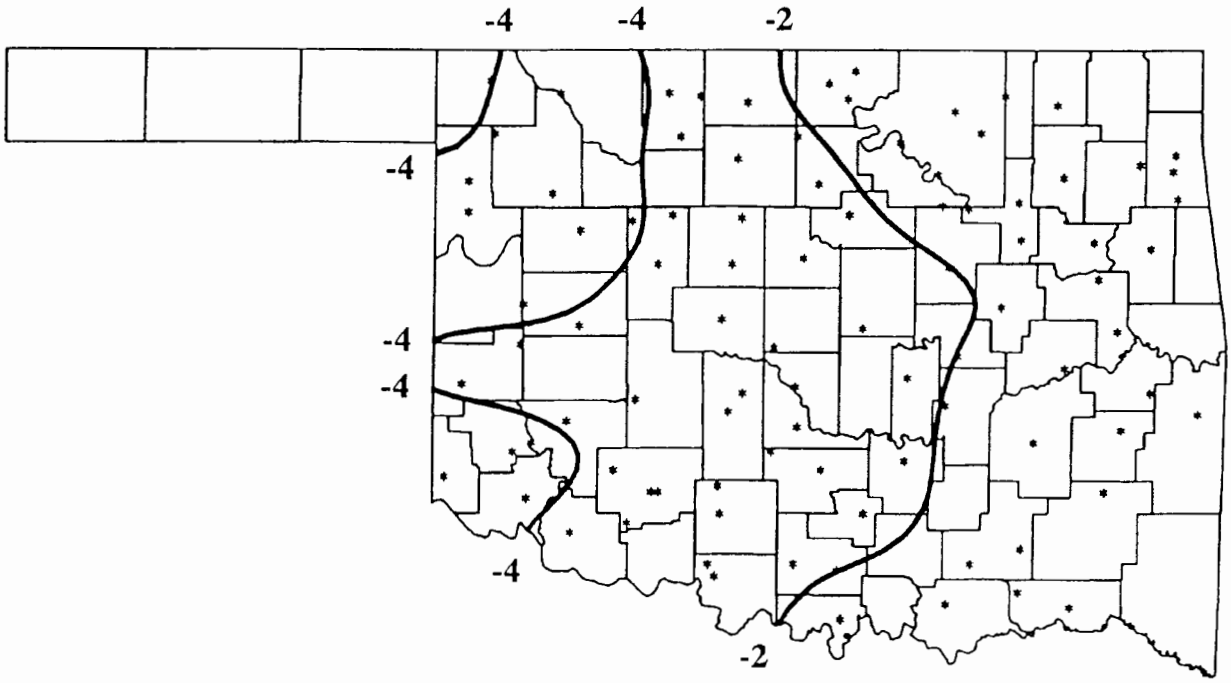
FEBRUARY 1994 TOTAL PRECIPITATION
(Inches)



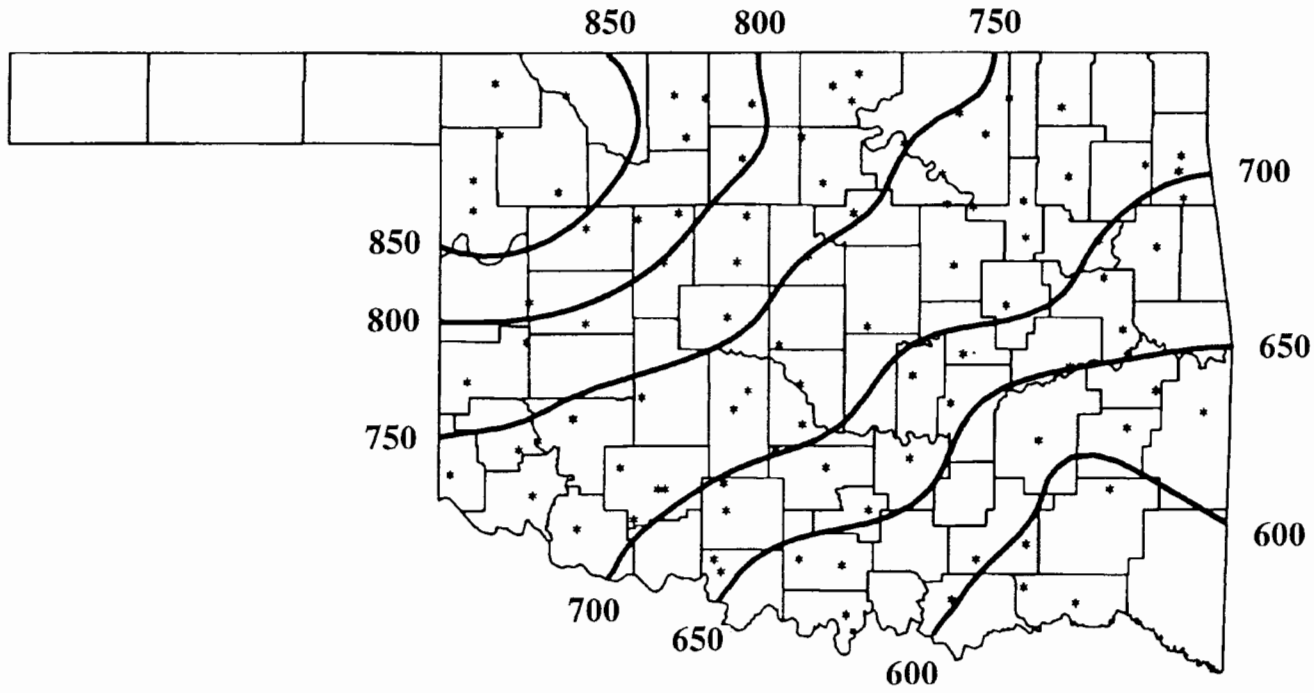
FEBRUARY 1994 DEVIATION FROM NORMAL PRECIPITATION
(Inches)



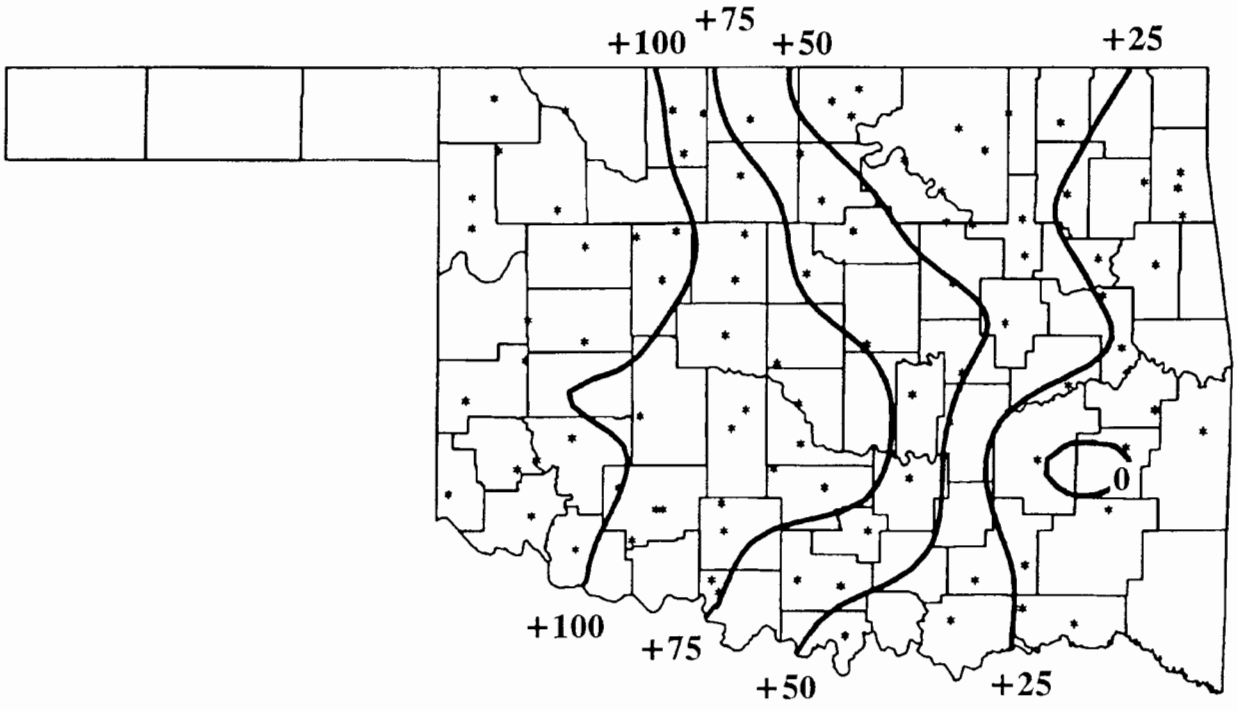
FEBRUARY 1994 AVERAGE MONTHLY TEMPERATURES
(Degrees F)



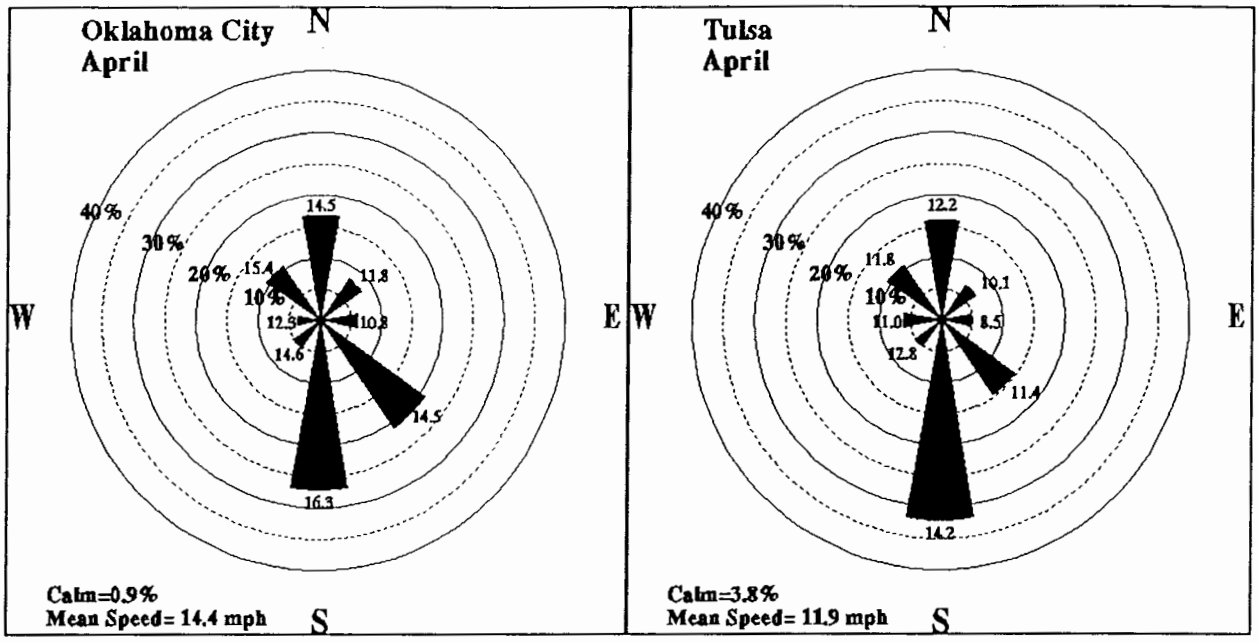
FEBRUARY 1994 DEVIATION FROM NORMAL TEMPERATURES
(Degrees F)



FEBRUARY 1994 HEATING DEGREE DAYS



FEBRUARY 1994 DEVIATION FROM NORMAL HEATING DEGREE DAYS



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

APRIL 1994 SUNRISE AND SUNSET

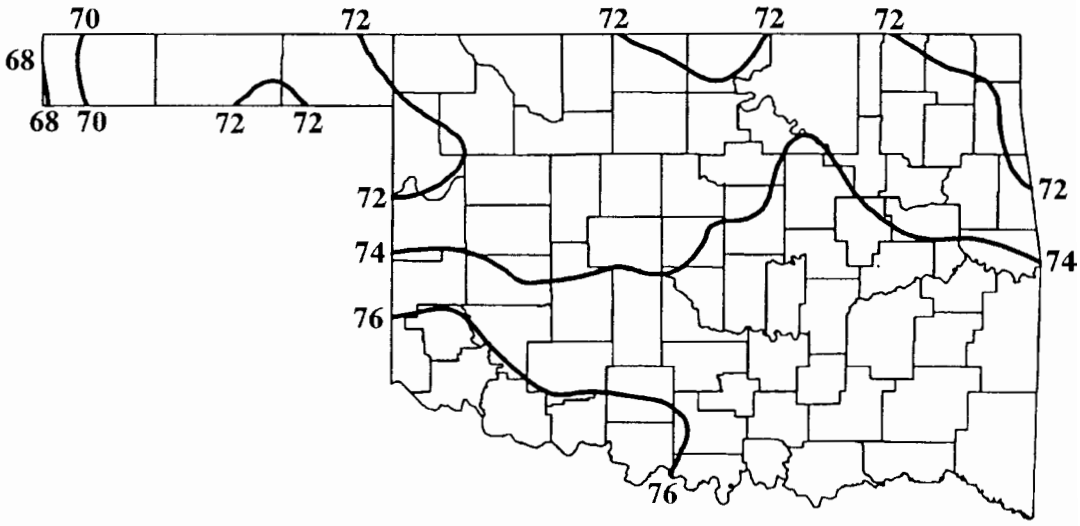
OKLAHOMA CITY

DATE	SUNRISE	SUNSET	DAYLIGHT
94 4 1	6:19AM	6:51PM CST	12 hrs 32 mins
94 4 2	6:17AM	6:51PM CST	12 hrs 34 mins
94 4 3	7:16AM	7:52PM CDT	12 hrs 36 mins
94 4 4	7:14AM	7:53PM CDT	12 hrs 39 mins
94 4 5	7:13AM	7:54PM CDT	12 hrs 41 mins
94 4 6	7:12AM	7:55PM CDT	12 hrs 43 mins
94 4 7	7:10AM	7:55PM CDT	12 hrs 45 mins
94 4 8	7: 9AM	7:56PM CDT	12 hrs 47 mins
94 4 9	7: 7AM	7:57PM CDT	12 hrs 50 mins
94 410	7: 6AM	7:58PM CDT	12 hrs 52 mins
94 411	7: 5AM	7:58PM CDT	12 hrs 54 mins
94 412	7: 3AM	7:59PM CDT	12 hrs 56 mins
94 413	7: 2AM	8: 0PM CDT	12 hrs 58 mins
94 414	7: 1AM	8: 1PM CDT	13 hrs 0 mins
94 415	6:59AM	8: 2PM CDT	13 hrs 2 mins
94 416	6:58AM	8: 2PM CDT	13 hrs 4 mins
94 417	6:57AM	8: 3PM CDT	13 hrs 7 mins
94 418	6:55AM	8: 4PM CDT	13 hrs 9 mins
94 419	6:54AM	8: 5PM CDT	13 hrs 11 mins
94 420	6:53AM	8: 6PM CDT	13 hrs 13 mins
94 421	6:52AM	8: 6PM CDT	13 hrs 15 mins
94 422	6:50AM	8: 7PM CDT	13 hrs 17 mins
94 423	6:49AM	8: 8PM CDT	13 hrs 19 mins
94 424	6:48AM	8: 9PM CDT	13 hrs 21 mins
94 425	6:47AM	8:10PM CDT	13 hrs 23 mins
94 426	6:46AM	8:10PM CDT	13 hrs 25 mins
94 427	6:45AM	8:11PM CDT	13 hrs 27 mins
94 428	6:44AM	8:12PM CDT	13 hrs 28 mins
94 429	6:42AM	8:13PM CDT	13 hrs 30 mins
94 430	6:41AM	8:14PM CDT	13 hrs 32 mins

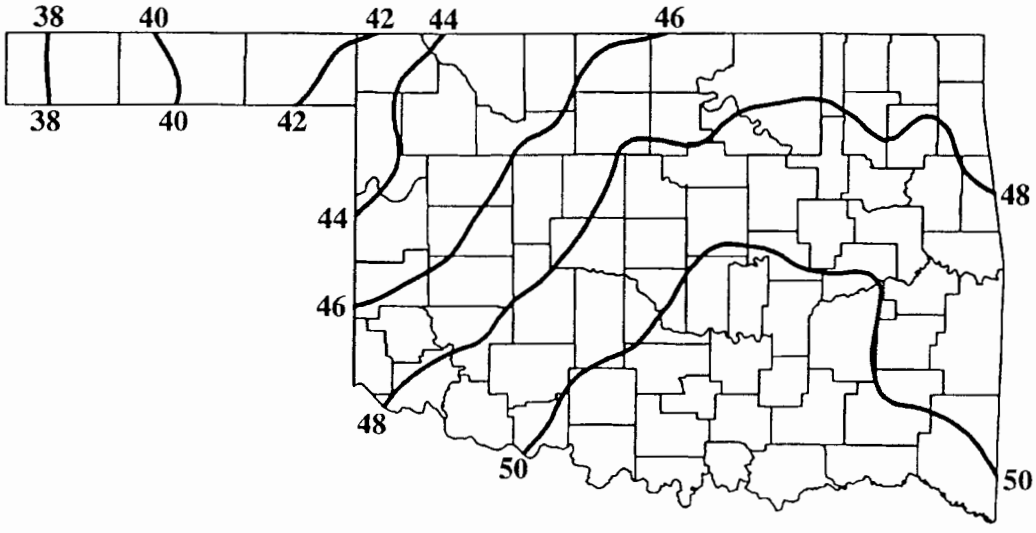
TULSA

DATE	SUNRISE	SUNSET	DAYLIGHT
94 4 1	6:11AM	6:44PM CST	12 hrs 33 mins
94 4 2	6:10AM	6:45PM CST	12 hrs 35 mins
94 4 3	7: 8AM	7:46PM CDT	12 hrs 37 mins
94 4 4	7: 7AM	7:47PM CDT	12 hrs 40 mins
94 4 5	7: 6AM	7:47PM CDT	12 hrs 42 mins
94 4 6	7: 4AM	7:48PM CDT	12 hrs 44 mins
94 4 7	7: 3AM	7:49PM CDT	12 hrs 46 mins
94 4 8	7: 1AM	7:50PM CDT	12 hrs 49 mins
94 4 9	7: 0AM	7:51PM CDT	12 hrs 51 mins
94 410	6:59AM	7:52PM CDT	12 hrs 53 mins
94 411	6:57AM	7:52PM CDT	12 hrs 55 mins
94 412	6:56AM	7:53PM CDT	12 hrs 57 mins
94 413	6:54AM	7:54PM CDT	13 hrs 0 mins
94 414	6:53AM	7:55PM CDT	13 hrs 2 mins
94 415	6:52AM	7:56PM CDT	13 hrs 4 mins
94 416	6:50AM	7:57PM CDT	13 hrs 6 mins
94 417	6:49AM	7:57PM CDT	13 hrs 8 mins
94 418	6:48AM	7:58PM CDT	13 hrs 10 mins
94 419	6:46AM	7:59PM CDT	13 hrs 13 mins
94 420	6:45AM	8: 0PM CDT	13 hrs 15 mins
94 421	6:44AM	8: 1PM CDT	13 hrs 17 mins
94 422	6:43AM	8: 1PM CDT	13 hrs 19 mins
94 423	6:41AM	8: 2PM CDT	13 hrs 21 mins
94 424	6:40AM	8: 3PM CDT	13 hrs 23 mins
94 425	6:39AM	8: 4PM CDT	13 hrs 25 mins
94 426	6:38AM	8: 5PM CDT	13 hrs 27 mins
94 427	6:37AM	8: 6PM CDT	13 hrs 29 mins
94 428	6:35AM	8: 6PM CDT	13 hrs 31 mins
94 429	6:34AM	8: 7PM CDT	13 hrs 33 mins
94 430	6:33AM	8: 8PM CDT	13 hrs 35 mins

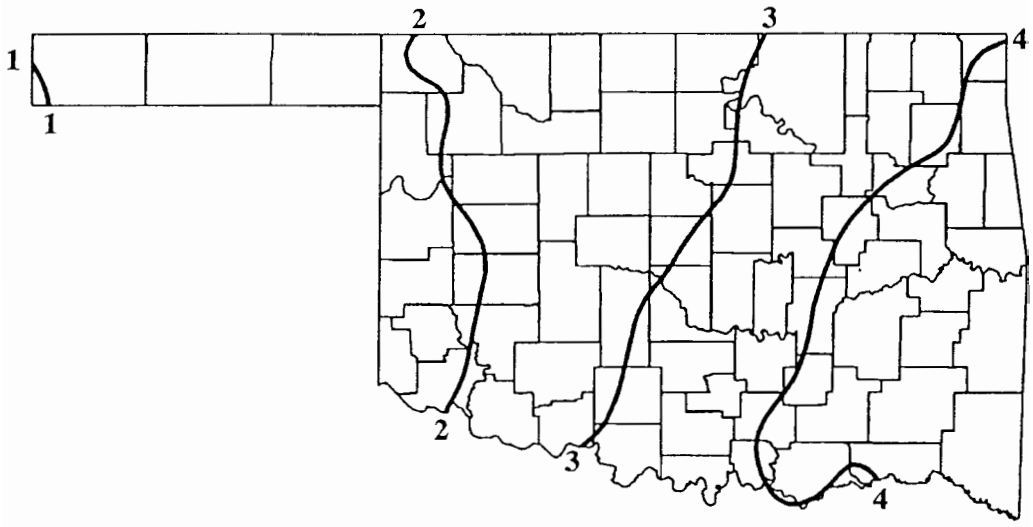
**Daylight Savings Time begins Sunday April 3, 1994



April Normal Daily Maximum Temperatures (°F)



April Normal Daily Minimum Temperatures (°F)



April Normal Monthly Precipitation (inches)

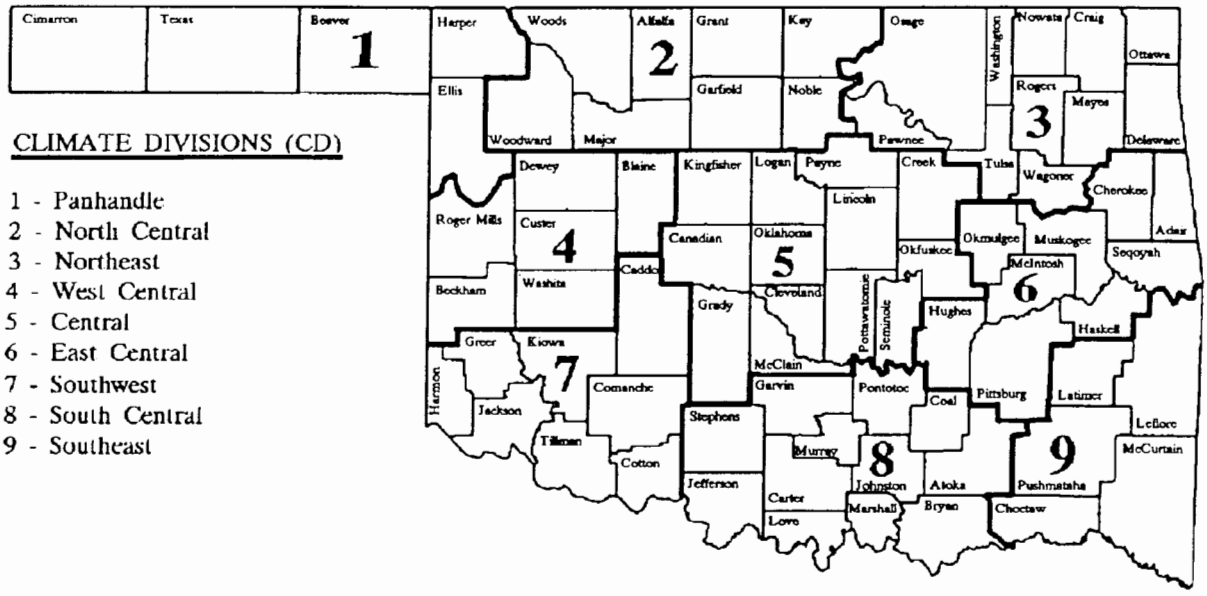
90-DAY NATIONAL WEATHER SERVICE OUTLOOK

(MARCH 1994 - MAY 1994)

Precipitation - Below Normal West
Near Normal Elsewhere

Temperature - Above Normal Statewide

OKLAHOMA



CLIMATE DIVISIONS (CD)

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

EXPLANATION OF TABLES

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

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

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

Deviation from Normal Heating Degree Days: A positive value indicates higher than normal heating requirements for the month as a whole. A negative value indicates lower than normal heating requirements for the month as a whole. Normal HDD may be calculated by subtracting the deviation from observed HDD.
Cooling Degree Days: CDD are calculated each day of the month for which there is a temperature report and the average temperature for the day exceeds 65 degrees. Daily values are summed to give a monthly total. They are a proxy measure of how much cooling was required to maintain a comfortable indoor temperature. Missing observations may result in an artificially high or low value. For June, CDD would be calculated as:

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

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

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

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

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

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

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

OKLAHOMA CITY CLIMATE CALENDAR

April 1994

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

Normal 1	Actual	Normal 2	Actual	Normal 3	Actual	Normal 4	Actual	Normal 5	Actual	Normal 6	Actual	Normal 7	Actual
67.7 max		69.6 max		68.3 max		66.2 max		67.0 max		71.5 max		70.6 max	
44.3 min		45.5 min		44.3 min		42.8 min		42.2 min		44.6 min		46.4 min	
.04 ppt		.07 ppt		.09 ppt		.02 ppt		.14 ppt		.01 ppt		.05 ppt	
10 hdd		8 hdd		9 hdd		11 hdd		11 hdd		9 hdd		7 hdd	
1 cdd		1 cdd		1 cdd		1 cdd		1 cdd		2 cdd		1 cdd	
Highest Max 92-1946		Highest Max 88-1918		Highest Max 92-1893		Highest Max 93-1893		Highest Max 94-1893		Highest Max 95-1893		Highest Max 94-1893	
Lowest Max 45-1938		Lowest Max 43-1975		Lowest Max 43-1979		Lowest Max 38-1920		Lowest Max 43-1899		Lowest Max 41-1899		Lowest Max 38-1938	
Lowest Min 26-1899		Lowest Min 20-1936		Lowest Min 21-1975		Lowest Min 22-1891		Lowest Min 26-1970		Lowest Min 26-1936		Lowest Min 27-1938	
Highest Min 68-1946		Highest Min 67-1946		Highest Min 66-1934		Highest Min 56-1929		Highest Min 65-1978		Highest Min 68-1967		Highest Min 68-1893	
Greatest ppt 2.87-1905		Greatest ppt .99-1922		Greatest ppt 1.37-1919		Greatest ppt 2.05-1905		Greatest ppt 3.39-1953		Greatest ppt 1.24-1940		Greatest ppt 1.75-1942	
Normal 8	**Actual**	**Normal 9**	**Actual**	**Normal 10**	**Actual**	**Normal 11**	**Actual**	**Normal 12**	**Actual**	**Normal 13**	**Actual**	**Normal 14**	**Actual**
68.6 max		68.1 max		68.1 max		69.5 max		69.3 max		68.8 max		71.1 max	
47.3 min		45.0 min		45.8 min		46.5 min		46.9 min		46.1 min		46.2 min	
.09 ppt		.06 ppt		.09 ppt		.04 ppt		.09 ppt		.10 ppt		.08 ppt	
8 hdd		9 hdd		9 hdd		8 hdd		8 hdd		9 hdd		8 hdd	
1 cdd		1 cdd		1 cdd		1 cdd		1 cdd		1 cdd		1 cdd	
Highest Max 88-1905		Highest Max 90-1930		Highest Max 91-1934		Highest Max 90-1972		Highest Max 100-1972		Highest Max 94-1972		Highest Max 92-1936	
Lowest Max 36-1938		Lowest Max 44-1973		Lowest Max 45-1958		Lowest Max 47-1952		Lowest Max 35-1957		Lowest Max 43-1957		Lowest Max 46-1928	
Lowest Min 28-1938		Lowest Min 25-1914		Lowest Min 28-1973		Lowest Min 29-1940		Lowest Min 23-1957		Lowest Min 20-1957		Lowest Min 27-1980	
Highest Min 63-1894		Highest Min 66-1965		Highest Min 66-1965		Highest Min 56-1972		Highest Min 70-1972		Highest Min 65-1941		Highest Min 68-1972	
Greatest ppt 2.99-1922		Greatest ppt 2.91-1944		Greatest ppt 1.40-1979		Greatest ppt 1.10-1974		Greatest ppt 3.11-1967		Greatest ppt 3.75-1910		Greatest ppt 1.27-1947	
Normal 15	**Actual**	**Normal 16**	**Actual**	**Normal 17**	**Actual**	**Normal 18**	**Actual**	**Normal 19**	**Actual**	**Normal 20**	**Actual**	**Normal 21**	**Actual**
71.8 max		73.8 max		74.2 max		73.1 max		73.6 max		73.3 max		74.8 max	
47.9 min		49.4 min		51.2 min		51.9 min		51.8 min		51.7 min		51.9 min	
.05 ppt		.10 ppt		.09 ppt		.11 ppt		.16 ppt		.16 ppt		.03 ppt	
5 hdd		5 hdd		4 hdd		5 hdd		4 hdd		5 hdd		4 hdd	
1 cdd		2 cdd		2 cdd		2 cdd		2 cdd		2 cdd		2 cdd	
Highest Max 90-1940		Highest Max 92-1940		Highest Max 96-1925		Highest Max 96-1925		Highest Max 94-1987		Highest Max 91-1961		Highest Max 90-1965	
Lowest Max 51-1902		Lowest Max 49-1905		Lowest Max 47-1905		Lowest Max 47-1953		Lowest Max 50-1918		Lowest Max 43-1918		Lowest Max 45-1959	
Lowest Min 30-1928		Lowest Min 31-1921		Lowest Min 30-1953		Lowest Min 30-1953		Lowest Min 33-1953		Lowest Min 33-1966		Lowest Min 34-1966	
Highest Min 66-1982		Highest Min 67-1896		Highest Min 67-1963		Highest Min 66-1964		Highest Min 68-1948		Highest Min 69-1985		Highest Min 70-1961	
Greatest ppt 1.67-1947		Greatest ppt 1.08-1970		Greatest ppt 1.40-1908		Greatest ppt 2.97-1942		Greatest ppt 2.92-1919		Greatest ppt 2.07-1937		Greatest ppt .79-1899	
Normal 22	**Actual**	**Normal 23**	**Actual**	**Normal 24**	**Actual**	**Normal 25**	**Actual**	**Normal 26**	**Actual**	**Normal 27**	**Actual**	**Normal 28**	**Actual**
75.6 max		75.0 max		75.7 max		73.9 max		74.0 max		74.8 max		73.2 max	
52.8 min		52.9 min		51.9 min		52.6 min		52.9 min		51.3 min		52.2 min	
.14 ppt		.08 ppt		.08 ppt		.10 ppt		.09 ppt		.11 ppt		.11 ppt	
4 hdd		4 hdd		4 hdd		4 hdd		4 hdd		4 hdd		4 hdd	
3 cdd		3 cdd		2 cdd		2 cdd		2 cdd		3 cdd		2 cdd	
Highest Max 95-1955		Highest Max 89-1989		Highest Max 89-1901		Highest Max 91-1939		Highest Max 92-1896		Highest Max 91-1959		Highest Max 93-1902	
Lowest Max 45-1909		Lowest Max 52-1931		Lowest Max 52-1947		Lowest Max 51-1919		Lowest Max 50-1919		Lowest Max 57-1979		Lowest Max 50-1922	
Lowest Min 34-1959		Lowest Min 33-1909		Lowest Min 37-1910		Lowest Min 35-1910		Lowest Min 35-1907		Lowest Min 35-1920		Lowest Min 37-1979	
Highest Min 69-1961		Highest Min 70-1989		Highest Min 68-1989		Highest Min 56-1893		Highest Min 68-1975		Highest Min 69-1970		Highest Min 70-1970	
Greatest ppt 1.98-1915		Greatest ppt .96-1945		Greatest ppt 1.67-1948		Greatest ppt 2.64-1915		Greatest ppt 1.50-1963		Greatest ppt 1.57-1897		Greatest ppt 1.97-1960	
Normal 29	**Actual**	**Normal 30**	**Actual**										
75.0 max		74.2 max											
52.7 min		53.3 min											
.22 ppt		.19 ppt											
3 hdd		4 hdd											
2 cdd		2 cdd											
Highest Max 92-1936		Highest Max 93-1948											
Lowest Max 52-1908		Lowest Max 50-1907											
Lowest Min 34-1908		Lowest Min 32-1907											
Highest Min 68-1933		Highest Min 68-1936											
Greatest ppt 2.87-1974		Greatest ppt 2.13-1970											

APRIL AVERAGES

TEMPERATURE	:	60.2°F
PRECIPITATION	:	2.79"
HEATING DEGREE DAYS	:	192
COOLING DEGREE DAYS	:	49

TULSA CLIMATE CALENDAR

April 1994

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.

Normal 1	Actual	Normal 2	Actual	Normal 3	Actual	Normal 4	Actual	Normal 5	Actual	Normal 6	Actual	Normal 7	Actual
68.0 max		69.0 max		69.0 max		67.0 max		67.0 max		71.0 max		73.0 max	
45.0 min		46.0 min		45.0 min		44.0 min		43.0 min		46.0 min		46.0 min	
.07 ppt		.12 ppt		.13 ppt		.13 ppt		.08 ppt		.00 ppt		.05 ppt	
9 hdd		8 hdd		8 hdd		10 hdd		11 hdd		8 hdd		7 hdd	
1 cdd		1 cdd		1 cdd		1 cdd		1 cdd		2 cdd		1 cdd	
Highest Max 94-1946		Highest Max 89-1918		Highest Max 88-1965		Highest Max 90-1943		Highest Max 87-1967		Highest Max 92-1960		Highest Max 88-1949	
Lowest Max 44-1993		Lowest Max 41-1949		Lowest Max 46-1979		Lowest Max 46-1993		Lowest Max 47-1983		Lowest Max 50-1982		Lowest Max 52-1983	
Lowest Min 28-1972		Lowest Min 22-1936		Lowest Min 23-1975		Lowest Min 27-1972		Lowest Min 22-1920		Lowest Min 29-1936		Lowest Min 28-1939	
Highest Min 66-1967		Highest Min 65-1978		Highest Min 69-1981		Highest Min 60-1965		Highest Min 65-1967		Highest Min 65-1967		Highest Min 67-1986	
Greatest ppt 1.50-1988		Greatest ppt .83-1956		Greatest ppt 1.25-1978		Greatest ppt 4.40-1964		Greatest ppt 1.42-1953		Greatest ppt .08-1986		Greatest ppt 1.47-1975	

Normal 8	Actual	Normal 9	Actual	Normal 10	Actual	Normal 11	Actual	Normal 12	Actual	Normal 13	Actual	Normal 14	Actual
70.0 max		69.0 max		69.0 max		70.0 max		70.0 max		69.0 max		71.0 max	
47.0 min		45.0 min		46.0 min		48.0 min		49.0 min		47.0 min		48.0 min	
.05 ppt		.09 ppt		.15 ppt		.08 ppt		.10 ppt		.15 ppt		.07 ppt	
8 hdd		9 hdd		8 hdd		7 hdd		7 hdd		8 hdd		7 hdd	
1 cdd		1 cdd		1 cdd		1 cdd		2 cdd		1 cdd		1 cdd	
Highest Max 88-1965		Highest Max 90-1930		Highest Max 92-1927		Highest Max 93-1972		Highest Max 102-1972		Highest Max 96-1936		Highest Max 94-1936	
Lowest Max 47-1983		Lowest Max 43-1973		Lowest Max 47-1956		Lowest Max 49-1951		Lowest Max 36-1957		Lowest Max 45-1957		Lowest Max 54-1993	
Lowest Min 29-1938		Lowest Min 24-1914		Lowest Min 31-1973		Lowest Min 30-1940		Lowest Min 26-1957		Lowest Min 22-1957		Lowest Min 31-1957	
Highest Min 63-1978		Highest Min 64-1978		Highest Min 65-1981		Highest Min 68-1972		Highest Min 68-1981		Highest Min 69-1972		Highest Min 67-1972	
Greatest ppt .71-1961		Greatest ppt 1.25-1949		Greatest ppt 1.70-1979		Greatest ppt 1.10-1992		Greatest ppt 1.72-1967		Greatest ppt 1.33-1955		Greatest ppt 1.50-1965	

Normal 15	Actual	Normal 16	Actual	Normal 17	Actual	Normal 18	Actual	Normal 19	Actual	Normal 20	Actual	Normal 21	Actual
72.0 max		75.0 max		74.0 max		73.0 max		74.0 max		74.0 max		76.0 max	
48.0 min		50.0 min		52.0 min		53.0 min		53.0 min		53.0 min		53.0 min	
.11 ppt		.08 ppt		.17 ppt		.16 ppt		.23 ppt		.24 ppt		.13 ppt	
6 hdd		5 hdd		4 hdd		4 hdd		5 hdd		4 hdd		4 hdd	
1 cdd		2 cdd		2 cdd		2 cdd		3 cdd		2 cdd		3 cdd	
Highest Max 93-1936		Highest Max 93-1962		Highest Max 92-1987		Highest Max 95-1925		Highest Max 94-1987		Highest Max 92-1963		Highest Max 94-1965	
Lowest Max 53-1993		Lowest Max 55-1961		Lowest Max 57-1993		Lowest Max 48-1953		Lowest Max 45-1983		Lowest Max 54-1966		Lowest Max 50-1959	
Lowest Min 27-1928		Lowest Min 31-1953		Lowest Min 28-1921		Lowest Min 29-1953		Lowest Min 34-1953		Lowest Min 32-1953		Lowest Min 32-1966	
Highest Min 68-1982		Highest Min 72-1963		Highest Min 70-1963		Highest Min 70-1963		Highest Min 70-1964		Highest Min 71-1964		Highest Min 71-1961	
Greatest ppt 2.48-1973		Greatest ppt 1.38-1968		Greatest ppt 1.75-1953		Greatest ppt 1.40-1970		Greatest ppt 2.33-1976		Greatest ppt 2.51-1976		Greatest ppt 1.57-1958	

Normal 22	Actual	Normal 23	Actual	Normal 24	Actual	Normal 25	Actual	Normal 26	Actual	Normal 27	Actual	Normal 28	Actual
76.0 max		76.0 max		76.0 max		75.0 max		75.0 max		76.0 max		74.0 max	
53.0 min		54.0 min		53.0 min		54.0 min		54.0 min		54.0 min		53.0 min	
.15 ppt		.11 ppt		.08 ppt		.11 ppt		.09 ppt		.13 ppt		.12 ppt	
3 hdd		3 hdd		3 hdd		3 hdd		3 hdd		3 hdd		3 hdd	
3 cdd		3 cdd		3 cdd		3 cdd		3 cdd		3 cdd		2 cdd	
Highest Max 91-1965		Highest Max 93-1958		Highest Max 91-1975		Highest Max 89-1939		Highest Max 91-1987		Highest Max 92-1966		Highest Max 88-1970	
Lowest Max 52-1984		Lowest Max 57-1956		Lowest Max 58-1963		Lowest Max 57-1967		Lowest Max 55-1980		Lowest Max 61-1979		Lowest Max 53-1992	
Lowest Min 32-1931		Lowest Min 36-1909		Lowest Min 37-1909		Lowest Min 36-1910		Lowest Min 35-1910		Lowest Min 36-1920		Lowest Min 37-1965	
Highest Min 69-1961		Highest Min 69-1989		Highest Min 71-1989		Highest Min 68-1984		Highest Min 70-1975		Highest Min 70-1989		Highest Min 71-1970	
Greatest ppt 1.39-1985		Greatest ppt 3.22-1953		Greatest ppt .98-1973		Greatest ppt 1.14-1980		Greatest ppt .75-1990		Greatest ppt 1.65-1985		Greatest ppt 1.45-1960	

Normal 29	Actual	Normal 30	Actual
76.0 max		75.0 max	
54.0 min		55.0 min	
.11 ppt		.33 ppt	
3 hdd		3 hdd	
2 cdd		3 cdd	
Highest Max 92-1987		Highest Max 91-1987	
Lowest Max 57-1971		Lowest Max 56-1950	
Lowest Min 38-1969		Lowest Min 35-1908	
Highest Min 65-1985		Highest Min 69-1987	
Greatest ppt 1.70-1974		Greatest ppt 3.00-1970	

APRIL AVERAGES

TEMPERATURE	:	61.0°F
PRECIPITATION	:	3.63"
HEATING DEGREE DAYS	:	174
COOLING DEGREE DAYS	:	56