OKLAHOMA
MONTHLY SUMMARY
DECEMBER 1994

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MONTHLY SUMMARY FOR DECEMBER 1994

December was relatively mild and dry. The average temperature for the month was 43.1 degrees, 3.6 degrees above normal, ranking this as the 22nd warmest December on record. Precipitation for the month averaged 1.38 inches across the state, .28 inch below normal. Greater than normal precipitation fell in the northwest and southeast, but precipitation was less than two-thirds of normal in southwestern, west central, central and northeastern Oklahoma. The average temperature for 1994 of 60.6 degrees was .3 degree above normal. The statewide average precipitation for the year was 36.54 inches, 2.3 inches greater than normal. 1994 stands as the 31st greatest precipitation in the 103 years of record for the state, but it also had the lowest annual precipitation since 1989.

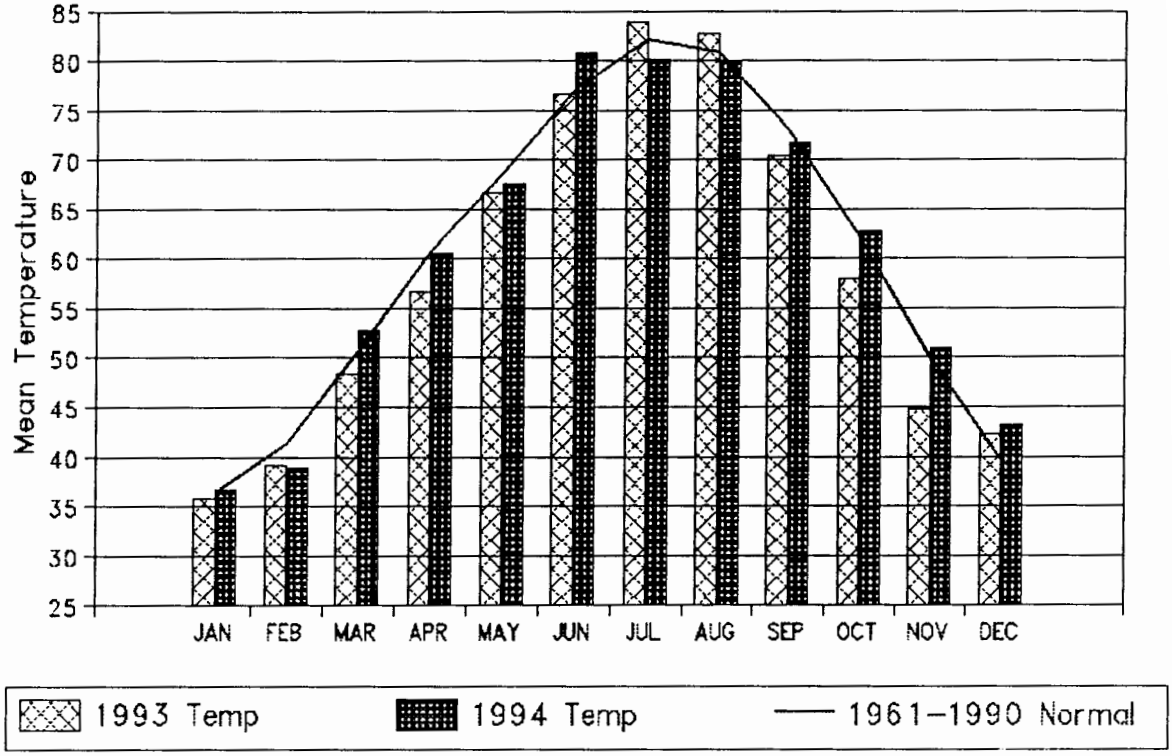
Autumn weather dominated the state during the first four days of the month with daytime temperatures in some areas soaring into the 70s. Dense early morning fog appeared in central Oklahoma on the third, a phenomenon which would occur frequently, especially in northern and eastern parts of the state through the 7th. Beginning late on the 5th much cooler air moved into the state. A slight glaze was reported at Hooker on the 6th. Ponca City reported some slight freezing rain late on the 7th. Freezing drizzle was reported at Laverne on the 8th. The greatest daily rainfall reported during the month occurred on the 7th and 8th, as Wilburton reported 2.88 inches and several other eastern Oklahoma locations noted over 2 inches of rain.

Cold air covered most of the state from the 9th through the 13th, with Freedom and Hulah Dam each reporting temperatures as low as 12 degrees. Widespread fog and a brief warming on the 14th and 15th presaged another cold front on the 15th and 16th. Thunderstorms in advance of the front produced large hail in east central Oklahoma. A few northwestern stations reported daily low temperatures in the upper teens from the 15th through the 19th.

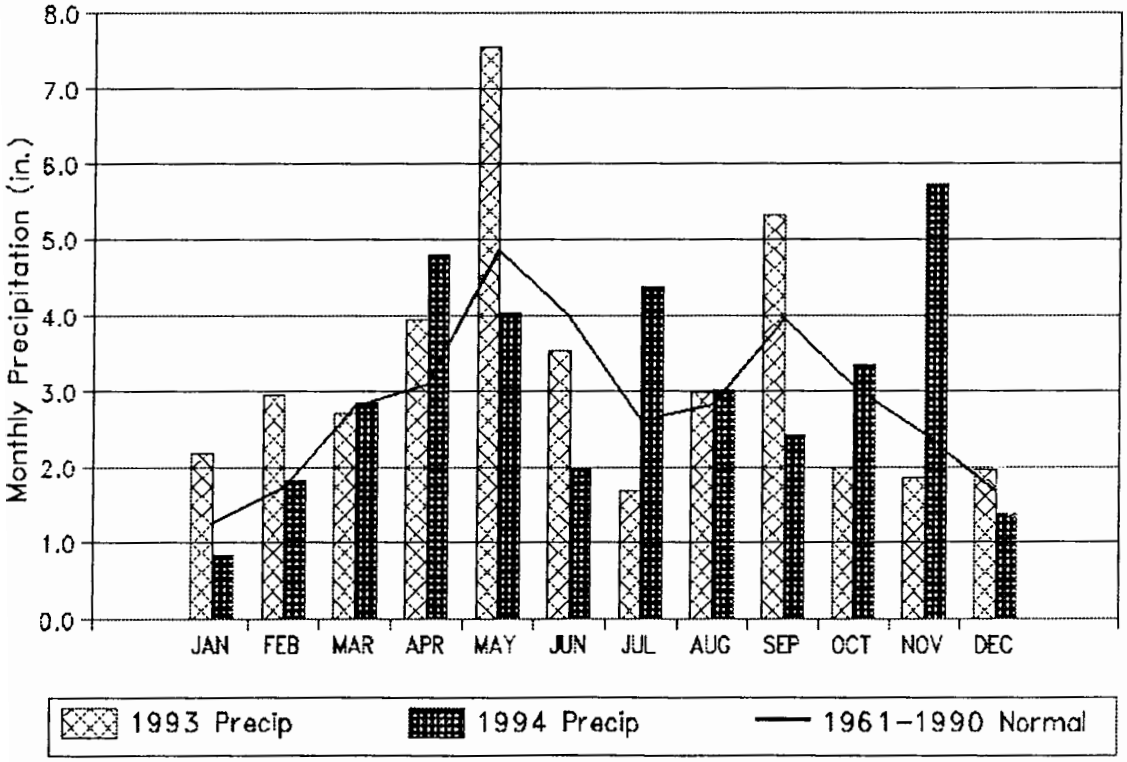
Fog was frequent especially in northern and central Oklahoma during the week before Christmas. Visibilities were reduced to less than a quarter of a mile in Oklahoma City, Enid, Ponca City, and Tulsa on the 23rd. While Christmas Day was generally gloomy in Tulsa, that city did receive some brief snow flurries. Light rain returned to southwestern Oklahoma on the 27th and 28th. Fog was prevalent over much of southern and western Oklahoma on the 29th and 30th. Oklahomans awaited the end of 1994 amid light rain and fog. Brief light snow and some freezing drizzle were reported at Gage.

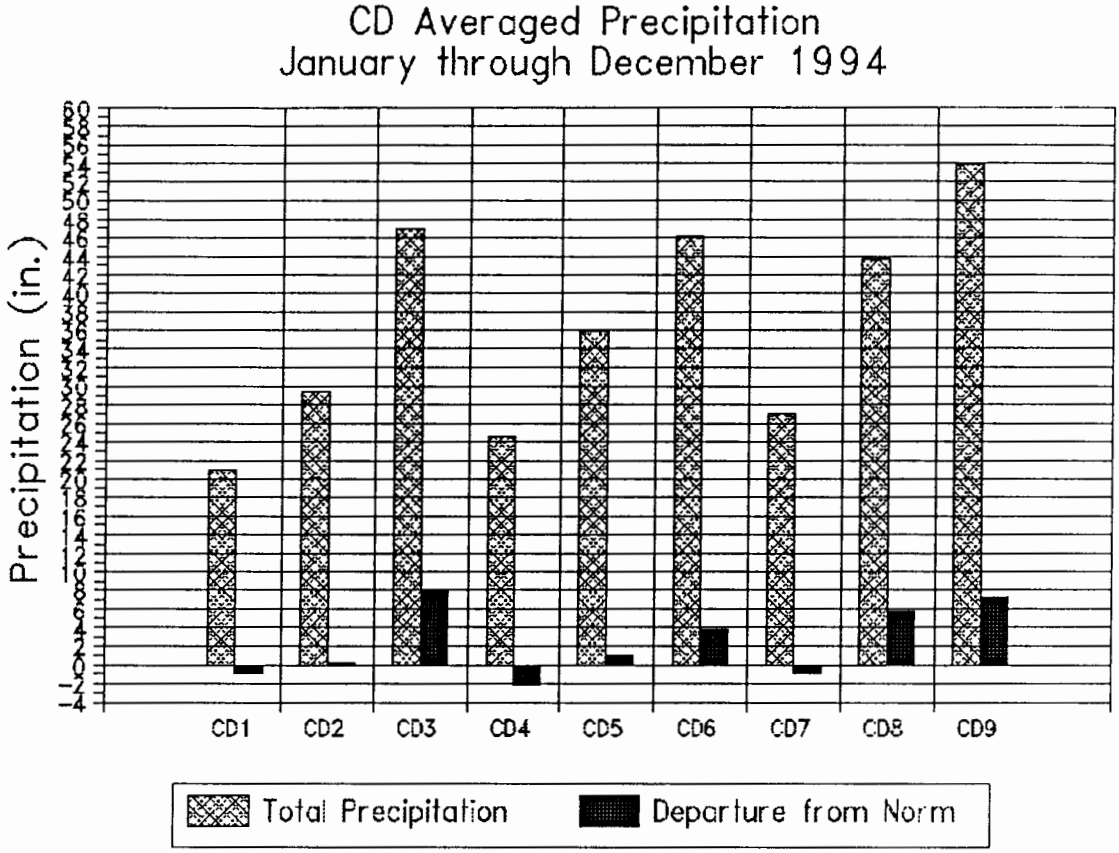
Howard L. Johnson

1993 and 1994 STATEWIDE TEMPERATURES
Monthly Averages

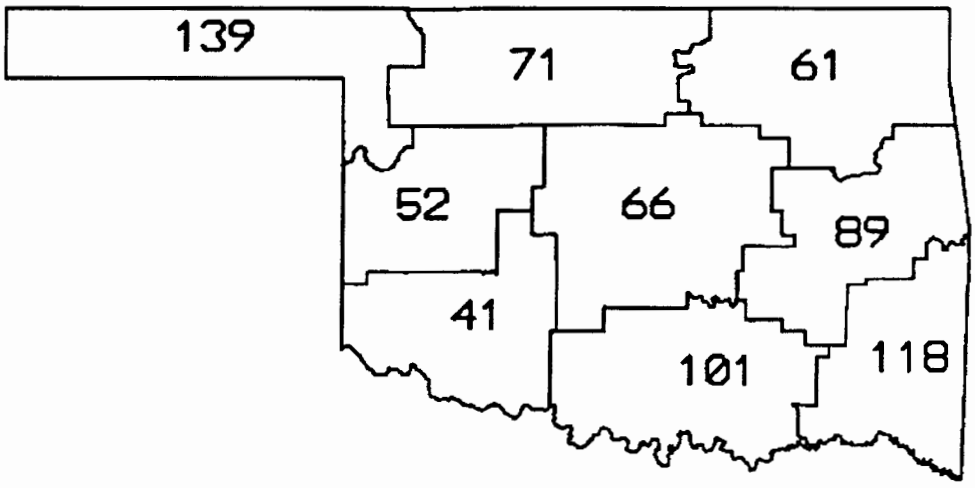


1993 and 1994 STATEWIDE PRECIPITATION
Monthly Totals





CD PERCENT OF NORMAL PRECIPITATION



DECEMBER 1994

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

CD	MAX TEMP	DATE	LOCATION	MIN TEMP	DATE	LOCATION	24-HOUR PRECIP	DATE	LOCATION	MONTHLY PRECIP	LOCATION
1	75	2	GATE	15	9	BOISE CITY	.90	6	BUFFALO	1.34	GATE
				15	25	BUFFALO					
				15	11	GAGE					
				15	15	GAGE					
				15	14	KENTON					
2	74	5	FT SUPPLY DAM	12	11	FREEDOM	.81	31	WOODWARD	1.50	CHEROKEE
3	72	5	JAY TOWER	12	12	HULAH DAM	1.35	8	KANSAS	1.96	WAGONER
	72	4	UPPER SPAVIN								
4	71	4	ERICK	15	25	TALOGA	.77	31	VICI	1.54	VICI
	71	4	WATONGA								
5	72	4	BLANCHARD	14	25	KINGFISHER	1.61	8	CHICKASHA	2.08	CHICKASHA
	72	4	GUTHRIE								
6	74	2	MUSKOGEE	15	11	TAHLEQUAH	2.44	9	CLAYTON	3.66	MCCURTAIN
7	74	4	HOLLIS	17	25	ANADARKO	1.80	29	WICHITA MT	1.96	WICHITA MT
	74	4	WALTERS	17	25	WICHITA MT					
8	76	5	WAURIKA DAM	21	25	LINDSAY	2.89	12	CANEY	3.75	COLEMAN
				21	25	MADILL					
				21	25	PAULS VALLEY					
9	73	4	WILBURTON	20	25	SMITHVILLE	2.88	8	WILBURTON	6.30	CARTER TWR

TABLE OF 1993/1994 COMPARISONS

	DECEMBER Temperature (°F)		DECEMBER Precipitation (in.)	
Station	1993	1994	1993	1994
Arnett	37.8	40.4	0.33	0.72
Enid	41.2	41.7	0.71	0.43
Mutual	38.5	38.8	0.69	0.46
Tulsa	42.9	42.8	1.75	1.21
Elk City	42.3	43.1	0.54	0.33
Oklahoma City	42.0	42.5	1.27	1.63
McAlester	46.3	45.9	3.12	3.25
Altus Irr Sta	44.1	44.6	1.18	0.27
Durant	45.3	45.8	4.26	3.19
Ada	44.8	44.2	3.67	1.60
Hugo	46.6	47.3	5.34	3.42

EXTREMES

Variable	Station	Division	Observation	Date
Minimum temperature (°F)	Freedom	2	12	11
	Hulah Dam	3	12	12
Maximum temperature (°F)	Waurika Dam	8	76	5
Maximum 24-hour precipitation	Caney	8	2.89"	12

DECEMBER 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	40.4	31	5.0	69.	5	22.	23	762.5	-155.5	.0	.0	.721	31	-.05	.41	7
BEAVER	593	1	39.1	31	5.1	74.	2	16.	17	803.5	-157.5	.0	.0	1.060	31	.47	.44	31
BOISE CITY 2 E	908	1	39.3	31	3.6	71.	1	15.	9	797.5	-110.5	.0	.0	.933	31	.55	.59	6
BUFFALO	1243	1	41.3	31	4.2	73.	4	15.	25	735.0	-130.0	.0	.0	.900	31	.10	.90	6
FARGO	3070	1	*****	0	*****	****	0	****	0	******	******	******	******	1.060	31	.29	.66	7
GAGE FAA APT	3407	1	40.4	31	3.7	73.	4	15.	15	762.5	-114.5	.0	.0	1.041	31	.38	.64	6
GATE	3489	1	40.7	31	5.7	75.	2	21.	22	754.0	-176.0	.0	.0	1.343	31	.64	.64	31
GOODWELL RES ST	3628	1	40.8	31	6.9	73.	2	18.	15	750.5	-213.5	.0	.0	.580	31	.30	.32	6
GUYMON	3835	1	39.7	17	*****	74.	4	18.	10	430.0	******	.0	******	.651	27	*****	.55	6
HOOKER	4298	1	40.0	31	5.0	73.	5	19.	10	773.5	-156.5	.0	.0	.740	31	.33	.46	7
KENTON	4766	1	38.7	31	5.0	72.	1	15.	14	815.0	-155.0	.0	.0	.360	31	.06	.30	6
LAVERNE	5045	1	*****	0	*****	****	0	****	0	******	******	******	******	1.310	31	.58	.70	7
REGNIER	7534	1	*****	0	*****	****	0	****	0	******	******	******	******	.430	31	.10	.31	6
TURPIN 4 SSE	9017	1	37.6	31	*****	71.	5	18.	22	850.5	******	.0	******	.790	31	*****	.27	31

DECEMBER 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	39.9	31	*****	70.	4	16.	26	778.0	******	.0	******	.380	31	*****	.38	7
VANCE AFB	302	2	*****	0	*****	****	0	****	0	******	******	******	******	.465	31	*****	.20	31
BILLINGS	755	2	39.8	31	3.8	68.	5	18.	11	782.0	-117.0	.0	.0	.782	31	-.59	.40	7
BLACKWELL 2E	818	2	42.5	30	6.0	69.	4	21.	12	674.5	-209.5	.0	.0	.361	31	-.99	.24	7
BRAMAN	1075	2	*****	0	*****	****	0	****	0	******	******	******	******	.580	31	*****	.27	16
CHEROKEE	1724	2	40.5	31	3.2	67.	4	18.	25	761.0	-98.0	.0	.0	1.500	31	.37	.60	31
ENID	2912	2	41.7	31	3.7	67.	4	22.	11	721.0	-116.0	.0	.0	.430	31	-.71	.19	7
FT SUPPLY DAM	3304	2	40.5	31	5.8	74.	5	20.	16	760.0	-179.0	.0	.0	1.293	31	.57	.63	7
FREEDOM	3358	2	37.5	31	1.1	72.	5	12.	11	853.0	-34.0	.0	.0	1.030	31	.22	.53	7
GREAT SALT PLNS	3740	2	40.3	23	*****	68.	5	19.	27	568.5	******	.0	******	.390	24	*****	.26	7
HARDY	3909	2	*****	0	*****	****	0	****	0	******	******	******	******	1.122	31	*****	.80	15
HELENA 1 SSE	4019	2	39.5	31	4.4	67.	5	19.	25	791.5	-135.5	.0	.0	.651	31	-.33	.33	31
JEFFERSON	4573	2	40.6	31	3.6	68.	4	17.	11	756.5	-111.5	.0	.0	1.021	31	-.17	.47	31
LAMONT	5013	2	*****	0	*****	****	0	****	0	******	******	******	******	.453	31	*****	.18	7
MEDFORD	5768	2	*****	0	*****	****	0	****	0	******	******	******	******	1.213	31	*****	.55	31
MORRISON	6065	2	*****	0	*****	****	0	****	0	******	******	******	******	.601	31	*****	.21	31
MUTUAL	6139	2	38.8	31	3.3	66.	5	19.	11	813.5	-101.5	.0	.0	.460	31	-.28	.30	7
NEWKIRK	6278	2	40.3	31	3.7	65.	4	18.	25	764.5	-115.5	.0	.0	.482	31	-.95	.28	7
ORIENTA	6751	2	*****	0	*****	****	0	****	0	******	******	******	******	.250	31	-.56	.25	7
PERRY	7012	2	42.7	30	3.9	69.	4	20.	25	669.0	-143.0	.0	.0	.440	30	*****	.20	7
PONCA CITY FAA	7201	2	42.0	31	6.2	69.	5	20.	11	714.0	-191.0	.0	.0	1.076	31	-.33	.41	31
RED ROCK 1 NNE	7505	2	*****	0	*****	****	0	****	0	******	******	******	******	.700	31	-.64	.50	6
WAYNOKA	9404	2	40.5	30	3.3	69.	4	16.	25	734.5	-127.5	.0	.0	.410	30	*****	.41	7
WOODWARD	9760	2	*****	0	*****	****	0	****	0	******	******	******	******	.811	31	-.03	.81	31

DECEMBER 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	41.9	30	3.8	66.	2	15.	11	693.0	-141.0	.0	.0	.933	31	-.97	.37	8
BARTLESVILLE 2W	548	3	41.5	31	3.4	68.	2	16.	11	729.0	-105.0	.0	.0	.982	31	-.65	.39	8
BIXBY	782	3	42.2	31	4.0	64.	5	20.	12	706.0	-125.0	.0	.0	.980	31	-.98	.54	16
BURBANK	1256	3	*****	0	*****	****	0	****	0	******	******	******	******	1.023	31	-.48	.37	31
CHELSEA 4 S	1717	3	*****	0	*****	****	0	****	0	******	******	******	******	1.840	31	*****	1.02	16
CLAREMORE	1828	3	41.1	31	3.7	65.	5	20.	12	739.5	-116.5	.0	.0	.940	31	-1.24	.39	16
CLEVELAND 5 WSW	1902	3	42.8	31	*****	67.	4	20.	11	689.0	******	.0	******	1.100	31	*****	.57	8
FORAKER	3250	3	*****	0	*****	****	0	****	0	******	******	******	******	1.175	31	-.33	.42	16
HOLLOW	4258	3	*****	0	*****	****	0	****	0	******	******	******	******	.941	31	-1.09	.55	8
HOMINY	4289	3	*****	0	*****	****	0	****	0	******	******	******	******	1.067	31	-.50	.64	9
HULAH DAM	4393	3	39.9	21	*****	68.	5	12.	12	526.5	******	.0	******	1.033	24	*****	.39	16
JAY TOWER	4567	3	43.3	31	*****	72.	5	20.	12	673.0	******	.0	******	1.291	31	*****	.58	16
KANSAS 1 ESE	4672	3	43.4	31	3.9	69.	4	15.	11	669.0	-122.0	.0	.0	1.716	31	-1.48	1.35	8
KEYSTONE DAM	4812	3	40.8	31	2.6	65.	29	18.	11	749.0	-82.0	.0	.0	1.323	30	*****	.66	8
LENAPAH	5118	3	*****	0	*****	****	0	****	0	******	******	******	******	.960	31	*****	.50	8
MANNFORD 6 NW	5522	3	43.2	30	4.3	67.	4	21.	11	653.5	-155.5	.0	.0	1.400	31	-.39	.67	7
MARAMEC	5540	3	*****	0	*****	****	0	****	0	******	******	******	******	1.223	31	-.26	.64	8
MIAMI	5855	3	42.0	30	5.4	69.	3	20.	11	691.0	-189.0	.0	.0	.960	25	*****	.46	16
NOWATA	6485	3	39.4	25	*****	65.	2	17.	11	639.0	******	.0	******	1.153	31	-.87	.40	7
PAWHUSKA	6935	3	41.6	31	4.0	65.	3	16.	11	724.5	-124.5	.0	.0	.661	31	-1.01	.27	16
PAWNEE	6940	3	*****	0	*****	****	0	****	0	******	******	******	******	.733	31	-.80	.25	8
PRYOR 6 N	7309	3	40.4	31	3.3	68.	5	17.	11	762.5	-102.5	.0	.0	1.047	31	-1.35	.64	16
RALSTON	7390	3	42.4	31	4.5	68.	4	19.	11	700.5	-139.5	.0	.0	.530	31	-1.03	.30	6
SKIATOOK	8258	3	*****	0	*****	****	0	****	0	******	******	******	******	1.540	31	-.12	.57	8
SPAVINAW	8380	3	45.0	31	4.6	69.	4	20.	11	618.5	-144.5	.0	.0	1.335	31	-1.16	.73	16
TULSA WSO APT	8992	3	42.8	31	3.9	65.	2	21.	11	688.0	-121.0	.0	.0	1.205	31	-.96	.49	16
UPPER SPAVINAW	9101	3	44.8	30	*****	72.	4	18.	11	607.5	******	.0	******	1.417	30	*****	.66	16
VINITA 2 N	9203	3	41.7	31	4.2	68.	4	15.	11	722.0	-131.0	.0	.0	1.191	31	-1.34	.80	16
WAGONER	9247	3	43.7	31	3.1	67.	4	18.	11	661.0	-95.0	.0	.0	1.955	31	-.49	.84	8
WANN	9298	3	*****	0	*****	****	0	****	0	******	******	******	******	1.113	31	*****	.41	8
WYNONA	9792	3	*****	0	*****	****	0	****	0	******	******	******	******	.672	31	*****	.28	8

DECEMBER 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	40.9	25	*****	66.	5	20.	12	602.5	******	.0	******	.304	25	*****	.25	7
CHEYENNE	1738	4	*****	0	*****	****	0	****	0	******	******	******	******	.120	31	-.52	.12	31
CLINTON	1909	4	41.8	31	2.5	66.	4	19.	25	719.5	-77.5	.0	.0	.323	31	-.67	.15	7
COLONY	2039	4	*****	0	*****	****	0	****	0	******	******	******	******	.331	31	*****	.23	7
CORDELL	2125	4	*****	0	*****	****	0	****	0	******	******	******	******	.333	31	-.57	.13	29
ELK CITY 1 E	2849	4	43.1	29	*****	67.	20	24.	23	634.5	******	.0	******	.331	30	*****	.13	7
ERICK 4 E	2944	4	42.3	31	3.3	71.	4	20.	24	703.5	-102.5	.0	.0	.151	31	-.56	.11	7
GEARY	3497	4	44.6	29	*****	70.	4	25.	11	593.0	******	.0	******	.080	29	*****	.08	6
HAMMON 1 NNE	3871	4	40.3	29	*****	66.	5	17.	26	717.0	******	.0	******	.232	29	*****	.23	7
LEEDEY	5090	4	*****	0	*****	****	0	****	0	******	******	******	******	.510	31	-.13	.25	8
MACKIE 4 NNW	5463	4	*****	0	*****	****	0	****	0	******	******	******	******	.450	31	*****	.23	7
MORAVIA 2 NNE	6035	4	*****	0	*****	****	0	****	0	******	******	******	******	.383	31	-.44	.17	29
OKEENE	6629	4	41.1	31	2.2	68.	4	17.	25	740.0	-69.0	.0	.0	.550	31	-.50	.55	31
RETROP	7565	4	*****	0	*****	****	0	****	0	******	******	******	******	.370	31	*****	.16	29
REYDON	7579	4	48.7	25	*****	70.	19	31.	11	406.5	******	.0	******	.221	25	*****	.22	31
SAYRE	7952	4	*****	0	*****	****	0	****	0	******	******	******	******	.370	31	-.22	.17	7
SWEETWATER 2 E	8652	4	*****	0	*****	****	0	****	0	******	******	******	******	.302	31	*****	.30	31
TALOGA	8708	4	39.4	31	2.1	66.	4	15.	25	792.5	-66.5	.0	.0	.352	31	-.33	.35	7
THOMAS	8815	4	*****	0	*****	****	0	****	0	******	******	******	******	.200	31	*****	.20	30
VICI	9172	4	*****	0	*****	****	0	****	0	******	******	******	******	1.540	31	.68	.77	31
WATONGA	9364	4	41.8	31	3.7	71.	4	20.	25	718.0	-116.0	.0	.0	.392	31	-.67	.24	7
WEATHERFORD	9422	4	41.9	27	*****	66.	5	21.	24	624.0	******	.0	******	.030	27	*****	.03	6

DECEMBER 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	******	******	******	******	1.270	31	*****	.90	8
ARCADIA	288	5	*****	0	*****	****	0	****	0	******	******	******	******	.270	31	*****	.22	21
TINKER AFB	325	5	*****	0	*****	****	0	****	0	******	******	******	******	1.537	31	*****	.95	8
BLANCHARD 2 SSW	830	5	45.0	31	3.7	72.	4	23.	11	621.5	-113.5	.0	.0	1.225	31	-.37	.96	8
BRISTOW	1144	5	43.8	31	3.7	66.	4	20.	11	656.5	-115.5	.0	.0	1.584	31	-.49	.57	8
CHANDLER	1684	5	44.9	27	*****	69.	6	22.	26	542.0	******	.0	******	1.313	27	*****	1.00	8
CHICKASHA EX ST	1750	5	44.1	31	3.6	71.	4	21.	25	646.5	-113.5	.0	.0	2.080	31	.82	1.61	8
COX CITY 1 E	2196	5	*****	0	*****	****	0	****	0	******	******	******	******	.640	31	*****	.29	8
CRESCENT	2242	5	*****	0	*****	****	0	****	0	******	******	******	******	.460	31	*****	.24	7
CUSHING	2318	5	41.3	30	3.0	67.	5	21.	27	712.5	-118.5	.0	.0	1.261	30	*****	.70	8
EL RENO 1 N	2818	5	42.4	31	3.6	69.	4	19.	25	701.0	-111.0	.0	.0	.320	31	-.72	.20	7
GUTHRIE	3821	5	44.4	31	4.5	72.	4	20.	11	640.0	-138.0	.0	.0	.802	31	-.70	.25	8
HENNESSEY 4 ESE	4055	5	40.7	31	2.6	66.	5	19.	25	753.5	-80.5	.0	.0	.541	31	-.50	.20	7
INGALLS	4489	5	*****	0	*****	****	0	****	0	******	******	******	******	.965	31	*****	.57	8
KINGFISHER 2 SE	4861	5	42.6	27	*****	70.	4	14.	25	604.5	******	.0	******	.971	30	*****	.63	3
KONAWA	4915	5	*****	0	*****	****	0	****	0	******	******	******	******	1.341	31	-.54	.72	9
MARSHALL	5589	5	*****	0	*****	****	0	****	0	******	******	******	******	.720	31	-.43	.41	31
MEEKER 4 W	5779	5	43.5	31	3.3	68.	4	20.	11	667.5	-101.5	.0	.0	1.400	31	-.02	.80	7
MULHALL	6110	5	*****	0	*****	****	0	****	0	******	******	******	******	.520	31	*****	.21	20
NORMAN 3 S	6386	5	44.2	31	3.2	70.	4	21.	25	643.5	-100.5	.0	.0	.681	31	-.90	.33	8
OILTON 2 SE	6616	5	*****	0	*****	****	0	****	0	******	******	******	******	1.115	31	*****	.39	7
OKEMAH	6638	5	46.1	31	5.3	68.	4	26.	11	586.5	-163.5	.0	.0	.902	31	-1.10	.43	9
OKLAHOMA CTY WS	6661	5	42.5	31	3.2	69.	4	22.	11	699.0	-98.0	.0	.0	1.633	31	.23	.78	8
PERKINS	7003	5	*****	0	*****	****	0	****	0	******	******	******	******	.890	31	-.64	.73	8
PIEDMONT	7068	5	*****	0	*****	****	0	****	0	******	******	******	******	.310	31	*****	.20	7
PRAGUE	7264	5	*****	0	*****	****	0	****	0	******	******	******	******	.846	31	-.97	.30	10
PURCELL 5 SW	7327	5	44.2	31	3.7	70.	4	20.	11	645.0	-115.0	.0	.0	1.542	31	-.29	.50	8
SEMINOLE	8042	5	45.1	31	3.1	68.	4	21.	17	616.5	-96.5	.0	.0	.931	31	-.89	.29	9
SHAWNEE	8110	5	*****	0	*****	****	0	****	0	******	******	******	******	.651	31	-1.23	.25	8
STILLWATER 2 W	8501	5	41.8	31	4.4	69.	5	19.	26	720.5	-135.5	.0	.0	.711	31	-.59	.33	8
STROUD 1 N	8563	5	*****	0	*****	****	0	****	0	******	******	******	******	1.713	31	*****	.69	16
TECUMSEH	8751	5	*****	0	*****	****	0	****	0	******	******	******	******	.860	31	*****	.52	16
TROUSDALE	8960	5	*****	0	*****	****	0	****	0	******	******	******	******	.090	31	*****	.05	5
UNION CITY 1 SE	9086	5	*****	0	*****	****	0	****	0	******	******	******	******	.623	31	-.73	.26	8
WELTY 1 SSE	9479	5	*****	0	*****	****	0	****	0	******	******	******	******	.978	31	*****	.29	9
WEWOKA	9575	5	*****	0	*****	****	0	****	0	******	******	******	******	1.440	31	-.46	.62	9

DECEMBER 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	******	******	******	******	2.964	31	*****	1.45	9
BEGGS	631	6	*****	0	*****	****	0	****	0	******	******	******	******	1.430	31	*****	.55	8
BOYNTON	1027	6	*****	0	*****	****	0	****	0	******	******	******	******	1.594	31	*****	.50	9
CALVIN	1391	6	*****	0	*****	****	0	****	0	******	******	******	******	1.450	31	-.74	.80	8
CHECOTAH	1711	6	*****	0	*****	****	0	****	0	******	******	******	******	2.223	31	-.23	.96	8
CLAYTON 14 WNW	1858	6	*****	0	*****	****	0	****	0	******	******	******	******	3.660	31	*****	2.44	9
DUSTIN	2690	6	*****	0	*****	****	0	****	0	******	******	******	******	2.060	31	*****	.90	9
EUFAULA	2993	6	*****	0	*****	****	0	****	0	******	******	******	******	2.571	31	-.13	1.05	8
HANNA	3884	6	44.4	31	2.9	65.	7	21.	11	638.5	-90.5	.0	.0	2.265	31	-.18	.84	9
HARTSHORNE	3946	6	*****	0	*****	****	0	****	0	******	******	******	******	3.520	31	*****	2.34	9
HASKELL	3956	6	*****	0	*****	****	0	****	0	******	******	******	******	1.480	31	-.80	.60	8
HOLDENVILLE	4235	6	44.7	31	2.9	69.	4	20.	26	629.0	-90.0	.0	.0	1.750	31	-.20	.72	9
LAKE EUFAULA	4975	6	42.9	25	*****	73.	5	19.	11	552.5	******	.0	******	2.380	31	*****	.83	8
LYONS 2 N	5437	6	*****	0	*****	****	0	****	0	******	******	******	******	3.060	31	.31	1.66	8
MARBLE CITY	5546	6	*****	0	*****	****	0	****	0	******	******	******	******	.002	31	*****	.00	20
MCALESTER FAA	5664	6	45.9	31	4.7	65.	27	22.	11	593.0	-145.0	.0	.0	3.253	31	.63	1.15	9
MCCURTAIN 1 SE	5693	6	45.9	31	3.4	71.	4	22.	11	591.5	-106.5	.0	.0	3.662	31	.84	2.10	9
MUSKOGEE	6130	6	44.3	31	3.7	74.	2	21.	11	641.0	-115.0	.0	.0	1.420	31	-1.48	.59	16
OKMULGEE W W	6670	6	41.2	30	1.8	65.	7	19.	12	713.5	-80.5	.0	.0	1.384	31	-.85	.65	9
OKTAHA 2 NE	6678	6	*****	0	*****	****	0	****	0	******	******	******	******	1.810	31	*****	.82	8
SCIPIO	7979	6	*****	0	*****	****	0	****	0	******	******	******	******	2.070	31	*****	.93	8
SHORT	8170	6	*****	0	*****	****	0	****	0	******	******	******	******	3.490	31	*****	2.20	9
STILWELL 1 NE	8506	6	43.5	31	3.5	66.	4	17.	11	668.0	-107.0	.0	.0	2.480	31	-.68	.95	8
TAHLEQUAH	8677	6	43.5	31	3.8	69.	6	15.	11	667.5	-116.5	.0	.0	2.043	31	-.96	1.20	9
WEBBERS FALLS	9445	6	42.8	30	3.4	69.	7	20.	12	665.0	-129.0	.0	.0	2.881	31	.17	1.10	8
WESTVILLE	9523	6	*****	0	*****	****	0	****	0	******	******	******	******	2.230	31	*****	1.04	9
WETUMKA 3 NE	9571	6	*****	0	*****	****	0	****	0	******	******	******	******	2.220	31	.10	.70	8

DECEMBER 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	44.6	31	2.8	72.	4	20.	24	632.5	-86.5	.0	.0	.270	31	-.64	.11	29
ALTUS DAM	184	7	43.6	31	3.9	70.	5	20.	25	664.5	-119.5	.0	.0	.190	31	-.67	.12	29
ANADARKO	224	7	40.4	18	*****	63.	19	17.	25	442.0	******	.0	******	.660	21	*****	.41	1
APACHE	260	7	*****	0	*****	****	0	****	0	******	******	******	******	.770	31	-.39	.67	8
ALTUS AFB	447	7	*****	0	*****	****	0	****	0	******	******	******	******	.135	31	*****	.06	28
CARNEGIE 2 ENE	1504	7	43.4	31	3.5	71.	4	21.	25	671.0	-107.0	.0	.0	.105	31	-.95	.10	28
CHATTANOOGA	1706	7	45.3	31	3.8	73.	4	20.	25	612.0	-117.0	.0	.0	.512	31	-.67	.33	29
DUNCAN 11 W	2668	7	*****	0	*****	****	0	****	0	******	******	******	******	.672	31	*****	.30	9
FREDERICK	3353	7	44.5	29	*****	73.	5	25.	25	595.5	******	.0	******	.510	30	*****	.25	29
HEADRICK	3998	7	*****	0	*****	****	0	****	0	******	******	******	******	.330	31	*****	.19	29
HOBART FAA APT	4204	7	43.6	31	3.7	66.	4	21.	25	664.0	-114.0	.0	.0	.292	31	-.55	.12	6
HOLLIS	4249	7	43.9	31	3.1	74.	4	23.	11	654.0	-96.0	.0	.0	.241	31	-.44	.16	29
LAWTON	5063	7	44.1	28	*****	73.	5	23.	25	585.0	******	.0	******	.490	31	-.76	.24	7
FORT SILL	5068	7	44.6	30	*****	73.	4	24.	12	612.0	******	.0	******	.582	31	*****	.22	8
LOOKEBA 2 ENE	5329	7	*****	0	*****	****	0	****	0	******	******	******	******	.273	31	-.75	.15	7
MANGUM RES STA	5509	7	43.6	31	2.8	66.	4	19.	25	662.5	-87.5	.0	.0	.200	31	-.59	.12	30
RANDLETT 9 E	7403	7	*****	0	*****	****	0	****	0	******	******	******	******	1.190	31	*****	.29	9
ROOSEVELT	7727	7	*****	0	*****	****	0	****	0	******	******	******	******	.220	31	-.75	.13	29
SEDAN	8016	7	*****	0	*****	****	0	****	0	******	******	******	******	.131	31	*****	.10	30
SNYDER	8299	7	*****	0	*****	****	0	****	0	******	******	******	******	.401	31	-.58	.24	29
VINSON 3 WNW	9212	7	*****	0	*****	****	0	****	0	******	******	******	******	.331	31	-.37	.16	29
WALTERS	9278	7	45.6	31	3.1	74.	4	23.	25	601.5	-96.5	.0	.0	.830	31	-.57	.35	8
WICHITA MT WLR	9629	7	42.1	29	*****	70.	5	17.	25	663.0	******	.0	******	1.960	30	*****	1.80	29
WILLOW	9668	7	*****	0	*****	****	0	****	0	******	******	******	******	.313	31	*****	.16	29

DECEMBER 1994 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

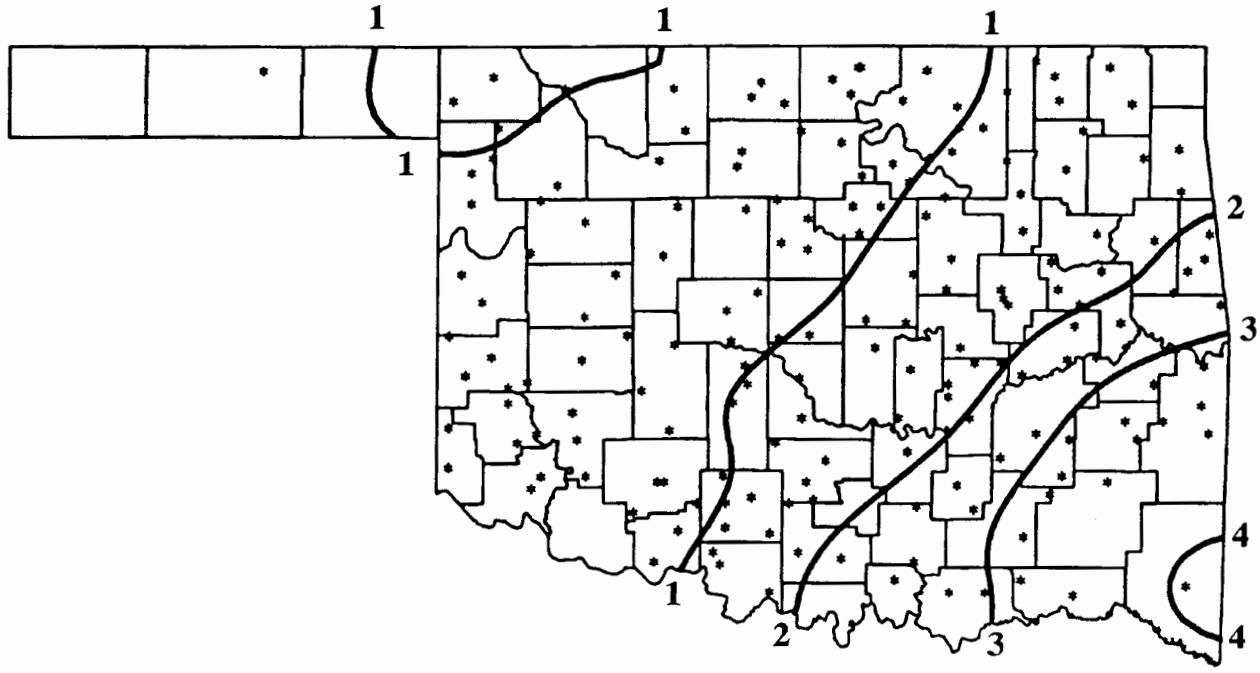
NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ADA	17	8	44.2	31	2.0	67.	4	23.	26	646.0	-61.0	.0	.0	1.604	31	-.38	.84	9
ALLEN	147	8	*****	0	*****	****	0	****	0	******	******	******	******	1.550	31	*****	.85	9
ARDMORE	292	8	46.7	30	2.0	69.	4	26.	25	550.0	-79.0	.0	.0	1.680	31	-.17	1.00	9
ATOKA DAM	394	8	46.5	20	*****	67.	5	27.	1	369.0	******	.0	******	2.441	20	*****	1.38	9
BOKCHITO	917	8	*****	0	*****	****	0	****	0	******	******	******	******	2.290	31	*****	1.74	9
CANEY	1437	8	*****	0	*****	****	0	****	0	******	******	******	******	3.580	31	*****	2.89	12
CENTRAHOMA	1648	8	*****	0	*****	****	0	****	0	******	******	******	******	2.650	31	*****	2.00	9
CHICKASAW NRA	1745	8	47.2	31	6.4	69.	7	26.	25	552.5	-197.5	.0	.0	2.230	31	.36	1.31	9
COLEMAN	2011	8	*****	0	*****	****	0	****	0	******	******	******	******	3.750	31	*****	1.85	9
COMANCHE	2054	8	*****	0	*****	****	0	****	0	******	******	******	******	.870	31	-.73	.36	9
DAISY 4 ENE	2354	8	*****	0	*****	****	0	****	0	******	******	******	******	3.293	31	.38	1.86	9
DUNCAN	2660	8	44.7	31	3.4	72.	5	25.	25	630.0	-105.0	.0	.0	.831	31	-.66	.15	16
DURANT USDA	2678	8	45.8	31	3.6	70.	7	26.	12	595.5	-111.5	.0	.0	3.190	31	.97	1.32	9
ELMORE CITY	2872	8	*****	0	*****	****	0	****	0	******	******	******	******	1.520	31	*****	.47	16
FARRIS 3 WNW	3083	8	*****	0	*****	****	0	****	0	******	******	******	******	3.380	31	.95	1.98	9
GRADY	3688	8	*****	0	*****	****	0	****	0	******	******	******	******	2.270	31	*****	1.15	9
HEALDTON	4001	8	45.9	31	3.6	74.	4	27.	26	593.0	-111.0	.0	.0	2.750	31	1.10	1.45	9
HENNEPIN	4052	8	*****	0	*****	****	0	****	0	******	******	******	******	1.700	31	*****	.59	8
KETCHUM RANCH	4780	8	*****	0	*****	****	0	****	0	******	******	******	******	.680	31	*****	.24	9
KINGSTON	4865	8	*****	0	*****	****	0	****	0	******	******	******	******	3.250	26	*****	2.28	9
LEHIGH	5108	8	*****	0	*****	****	0	****	0	******	******	******	******	3.457	31	*****	1.70	9
LINDSAY 2 W	5216	8	43.9	31	2.7	72.	3	21.	25	655.5	-82.5	.0	.0	.832	31	-.86	.33	9
LOCO 6 SE	5247	8	*****	0	*****	****	0	****	0	******	******	******	******	1.820	31	*****	.73	9
MADILL	5468	8	46.1	31	2.3	67.	6	21.	25	586.0	-71.0	.0	.0	3.582	31	1.57	1.19	8
MARIETTA	5563	8	47.1	31	3.3	70.	4	26.	25	554.5	-102.5	.0	.0	2.820	31	.97	1.45	9
MARLOW 1 WSW	5581	8	45.8	31	4.3	74.	4	22.	25	594.5	-134.5	.0	.0	.911	31	-.48	.30	9
MCGEE CREEK DAM	5713	8	45.5	31	*****	68.	1	23.	13	605.5	******	.0	******	3.260	31	*****	1.63	9
PAULS VALLEY	6926	8	45.3	31	3.5	71.	4	21.	25	611.5	-107.5	.0	.0	1.020	31	-.78	.65	9
PONTOTOC	7214	8	*****	0	*****	****	0	****	0	******	******	******	******	2.300	31	.44	.80	8
TISHOMINGO NWLR	8884	8	46.4	21	*****	66.	6	27.	27	391.0	******	.0	******	3.001	31	.87	1.55	9
TUSSY	9032	8	*****	0	*****	****	0	****	0	******	******	******	******	1.540	31	*****	.50	9
WAURIKA	9395	8	46.8	31	3.4	75.	4	25.	25	565.0	-105.0	.0	.0	.340	31	-1.21	.24	8
WAURIKA DAM	9399	8	46.0	21	*****	76.	5	25.	27	398.0	******	.0	******	.992	31	*****	.41	9

DECEMBER 1994 SUMMARY FOR SOUTHEAST DIVISION (CD9)

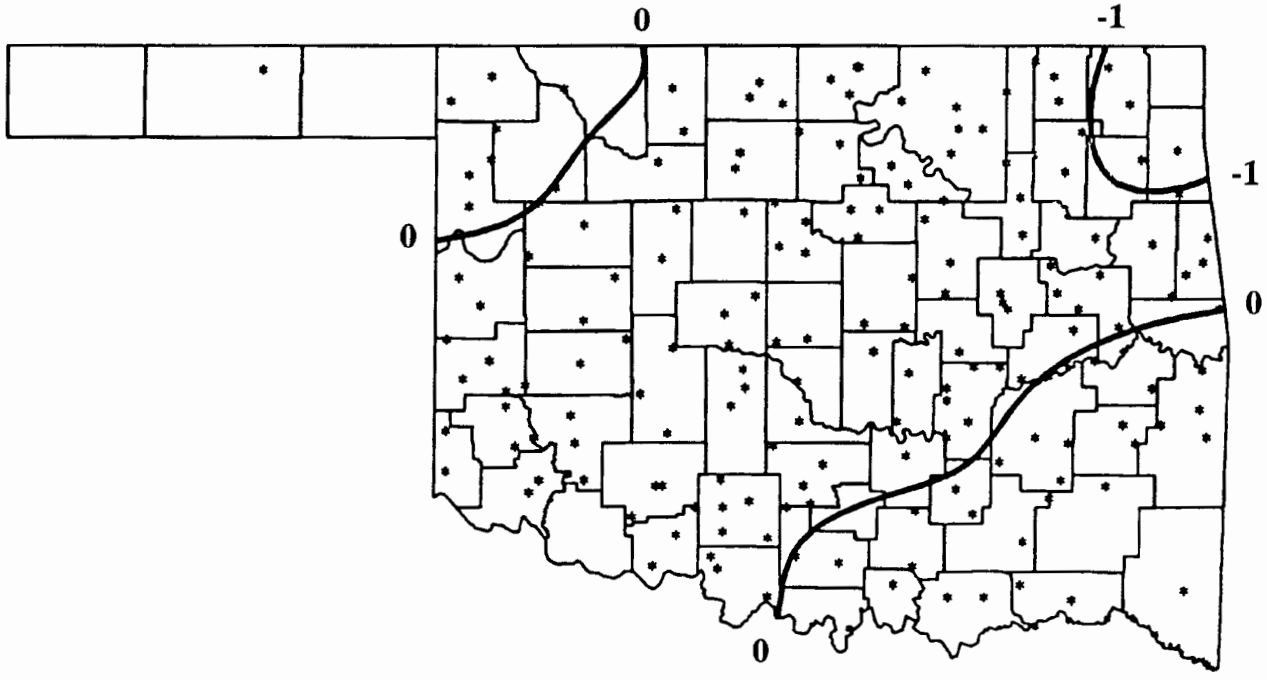
NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ANTLERS	256	9	45.9	31	2.8	68.	5	23.	24	593.0	-86.0	.0	.0	******	0	*****	*****	0
BATTIEST 1 SSW	567	9	44.0	31	*****	67.	3	21.	12	650.0	******	.0	******	5.490	30	*****	2.27	9
BEAR MT TWR	584	9	48.2	13	*****	68.	4	29.	14	218.5	******	.0	******	3.772	20	*****	1.84	9
BENGAL	670	9	*****	0	*****	****	0	****	0	******	******	******	******	1.341	31	*****	.70	20
BOSWELL 4 NNW	980	9	46.7	31	2.9	67.	4	25.	25	568.5	-88.5	.0	.0	2.825	31	.04	1.38	9
BROKEN BOW 1 N	1162	9	*****	0	*****	****	0	****	0	******	******	******	******	4.880	31	.90	1.94	9
BROKEN BOW DAM	1168	9	47.5	31	4.8	69.	4	27.	11	542.0	-149.0	.0	.0	5.000	31	.90	2.03	8
CARNASAW TWR	1499	9	*****	0	*****	****	0	****	0	******	******	******	******	3.102	28	*****	.95	10
CARTER TWR	1544	9	*****	0	*****	****	0	****	0	******	******	******	******	6.300	31	2.18	2.25	17
FANSHAWE	3065	9	*****	0	*****	****	0	****	0	******	******	******	******	4.730	31	1.52	2.30	9
HEAVENER 1 SE	4008	9	*****	0	*****	****	0	****	0	******	******	******	******	3.750	31	.26	2.35	9
HEE MT TWR	4017	9	*****	0	*****	****	0	****	0	******	******	******	******	5.871	31	1.47	2.32	9
HUGO	4384	9	47.3	31	2.5	68.	4	26.	12	550.0	-76.0	.0	.0	3.420	31	.10	1.40	9
IDABEL	4451	9	45.1	31	1.8	67.	7	25.	27	615.5	-57.5	.0	.0	4.303	31	.62	1.23	9
POTEAU W W	7254	9	43.0	31	*****	70.	6	21.	11	683.0	******	.0	******	4.081	31	*****	2.05	8
SMITHVILLE 1 W	8285	9	44.9	31	3.2	68.	4	20.	25	622.5	-99.5	.0	.0	5.006	31	.66	2.60	9
SPIRO	8416	9	*****	0	*****	****	0	****	0	******	******	******	******	3.780	31	.72	2.30	9
TUSKAHOMA	9023	9	45.7	31	2.5	72.	4	21.	26	598.0	-78.0	.0	.0	3.641	31	.82	1.91	9
VALLIANT 3 W	9118	9	*****	0	*****	****	0	****	0	******	******	******	******	4.140	31	.43	1.80	9
WILBURTON 9 ENE	9634	9	44.6	31	2.8	73.	4	21.	26	632.5	-86.5	.0	.0	4.940	31	1.95	2.88	8

DECEMBER 1994 CLIMATE DIVISION SUMMARY

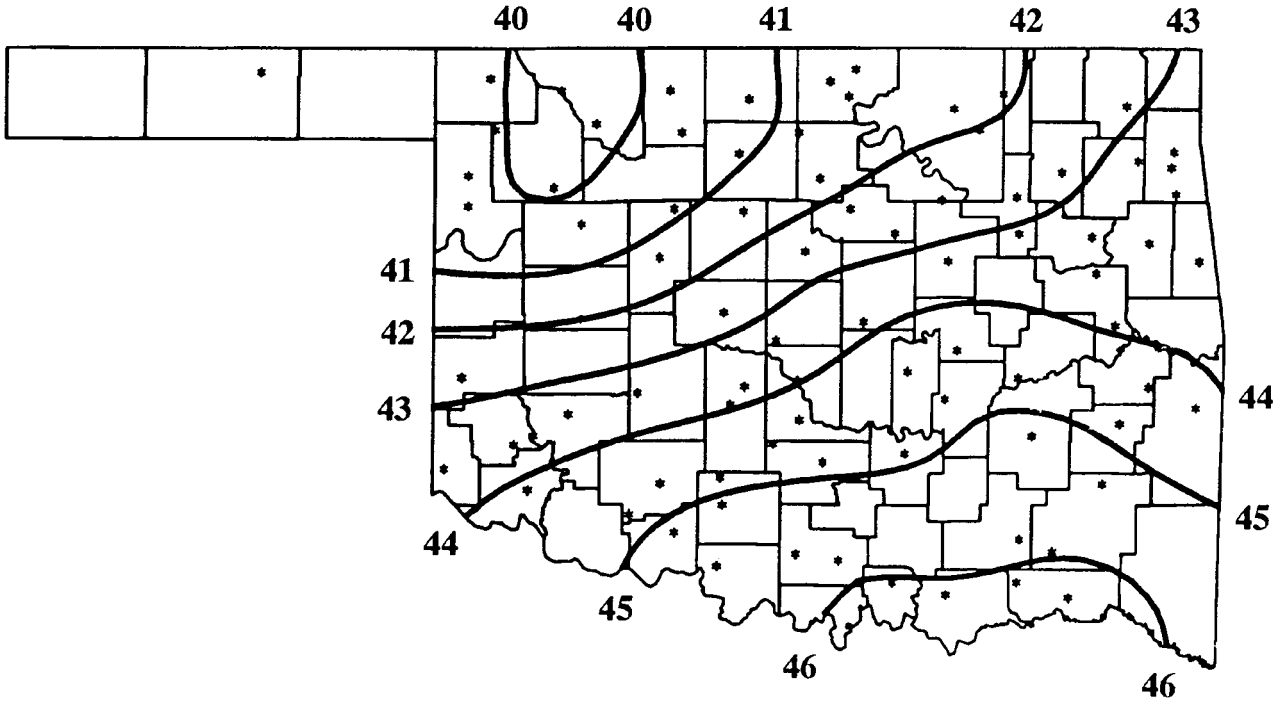
CLIMATE DIV	MEAN TEMP	NUM STA	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEGREE DAYS	DEV FROM NORM	COOL DEGREE DAYS	DEV FROM NORM	TOT PPT	NUM STA	DEV FROM NORM	MAX 24-HR	DAY
1	39.8	10	4.7	75.0	2	15.0	14	780.5	-144.3	.0	.0	.87	13	.31	.90	6
2	40.5	14	3.9	74.0	5	12.0	11	755.2	-126.9	.0	.0	.75	21	-.33	.81	31
3	42.5	18	4.3	72.0	4	12.0	12	693.1	-139.7	.0	.0	1.14	27	-.81	1.35	8
4	41.3	5	3.2	71.0	4	15.0	25	734.7	-100.2	.0	.0	.42	16	-.39	.77	31
5	43.5	14	3.5	72.0	4	14.0	25	665.0	-110.7	.0	.0	.96	33	-.59	1.61	8
6	44.0	9	3.1	74.0	2	15.0	11	645.2	-102.0	.0	.0	2.27	27	-.28	2.44	9
7	44.2	9	3.7	74.0	4	17.0	25	641.6	-118.4	.0	.0	.40	21	-.61	1.80	29
8	45.7	13	3.3	76.0	5	21.0	25	595.3	-105.1	.0	.0	2.12	31	.19	2.89	12
9	45.5	10	2.3	73.0	4	20.0	25	605.5	-69.9	.0	.0	4.25	16	.65	2.88	8



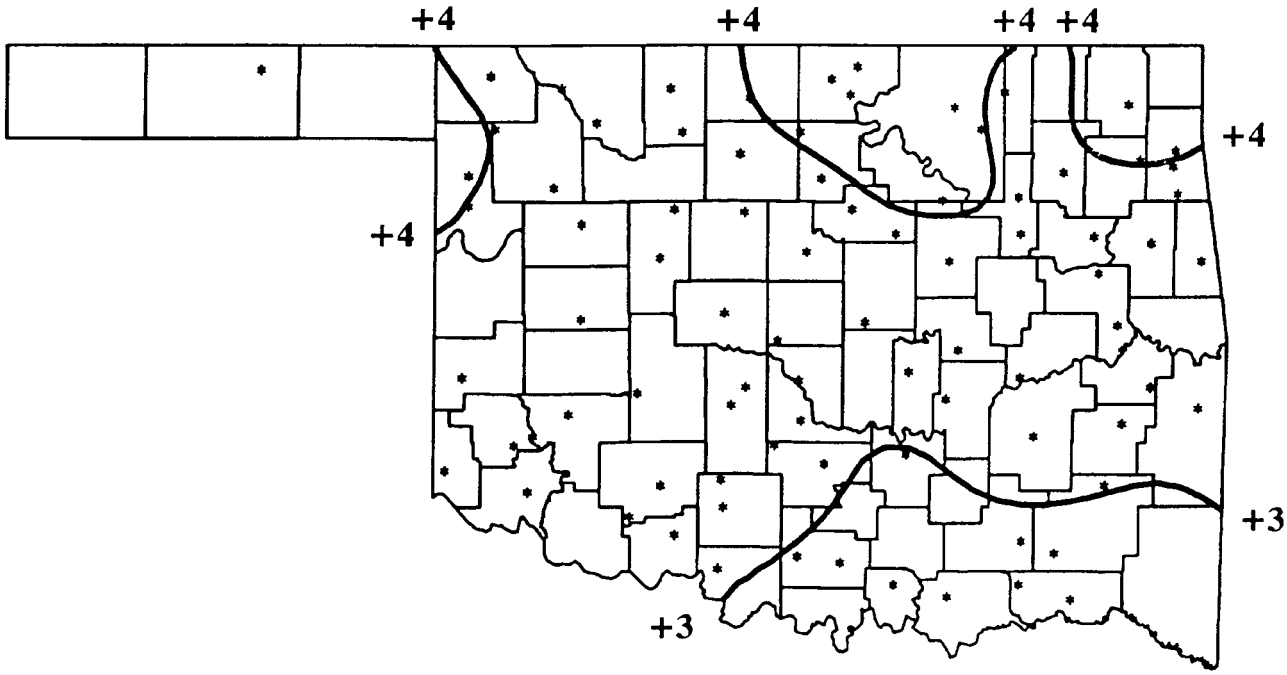
DECEMBER 1994 TOTAL PRECIPITATION
(Inches)



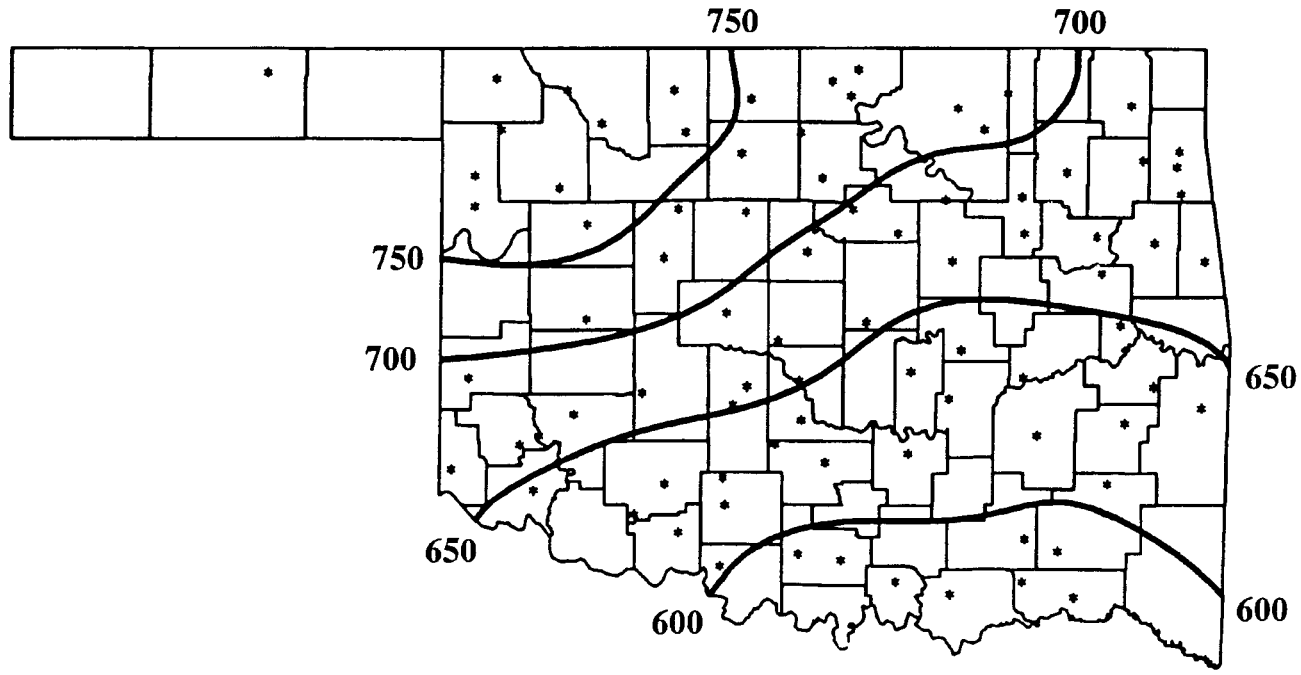
DECEMBER 1994 DEVIATION FROM NORMAL PRECIPITATION
(Inches)



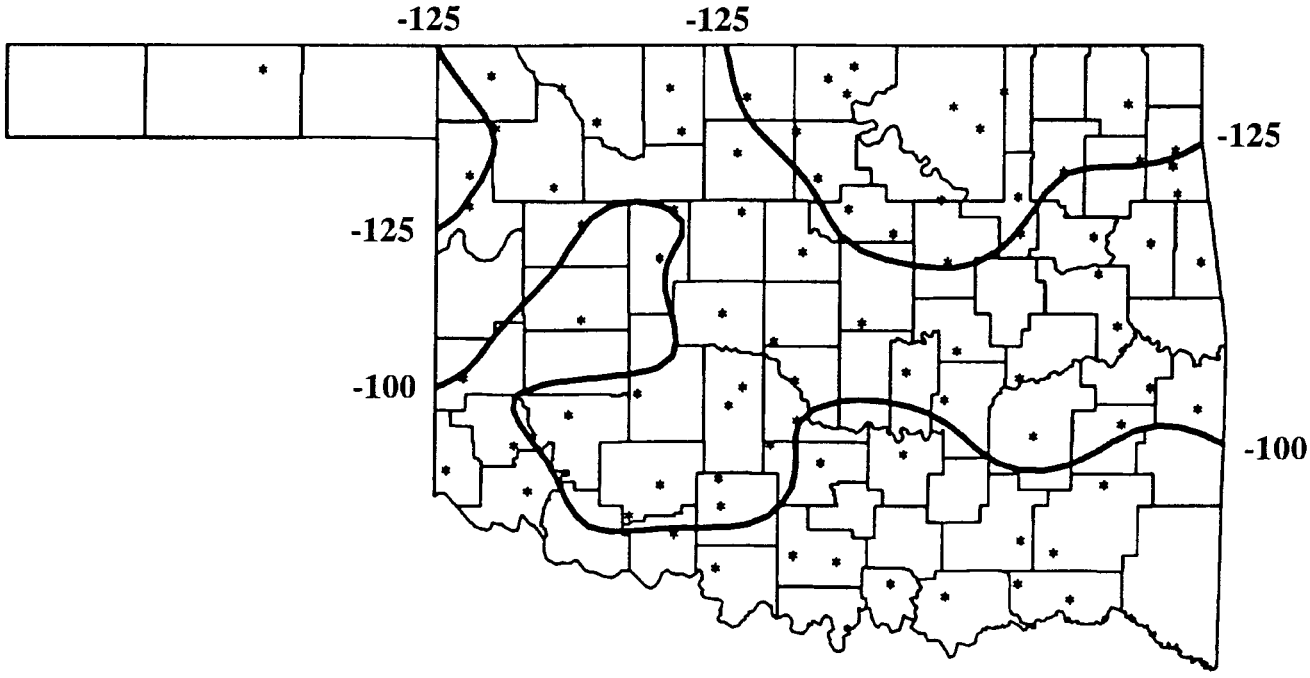
DECEMBER 1994 AVERAGE MONTHLY TEMPERATURES
(Degrees F)



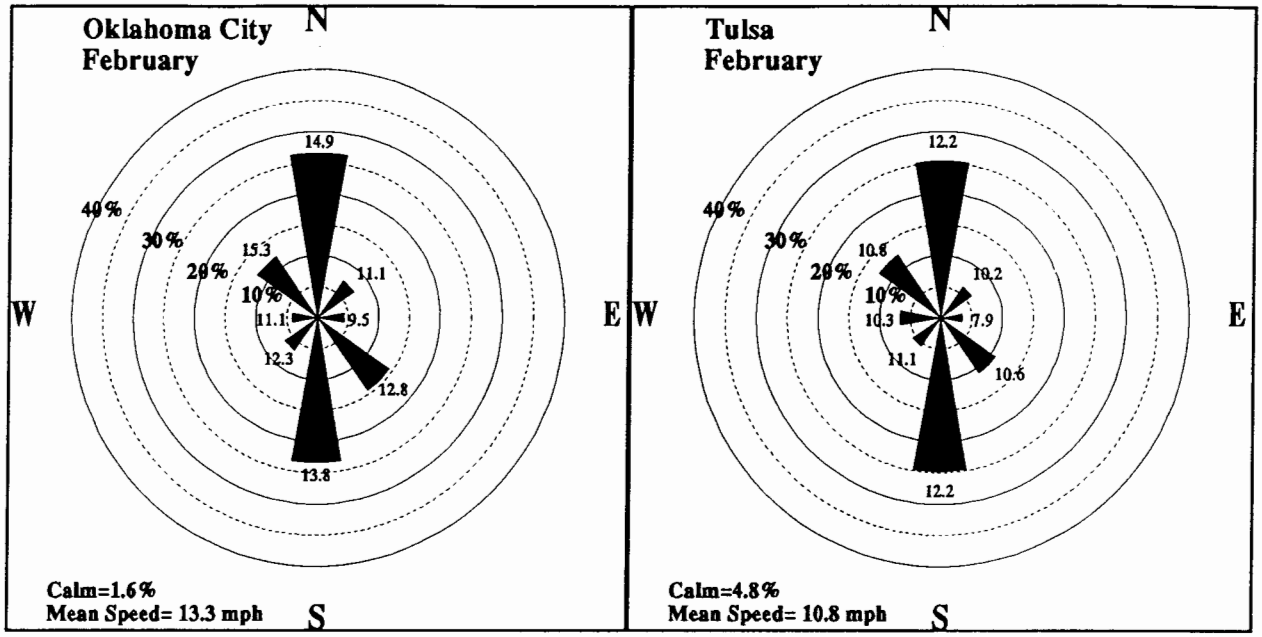
DECEMBER 1994 DEVIATION FROM NORMAL TEMPERATURES
(Degrees F)



DECEMBER 1994 HEATING DEGREE DAYS



DECEMBER 1994 DEVIATION FROM NORMAL HEATING DEGREE DAYS



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

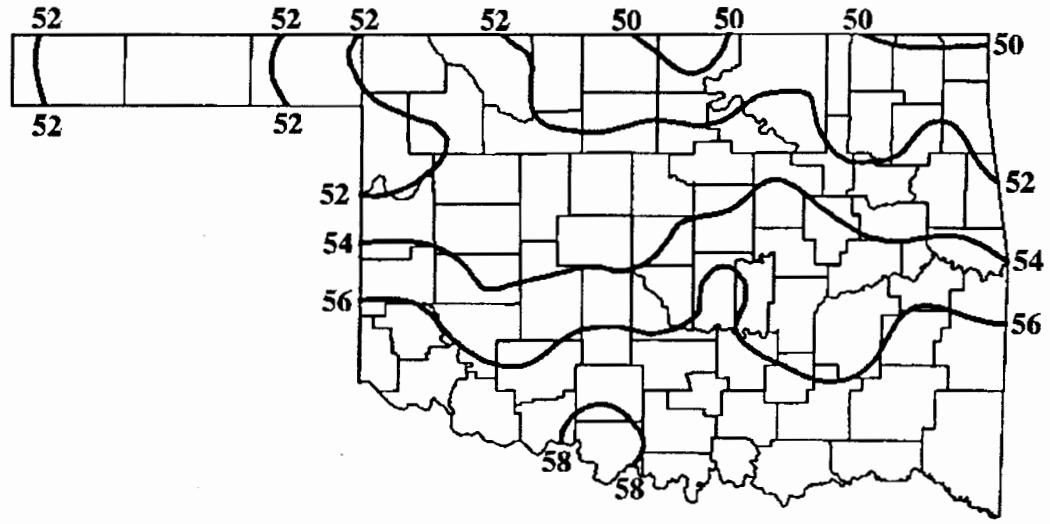
FEBRUARY 1995 SUNRISE AND SUNSET

OKLAHOMA CITY

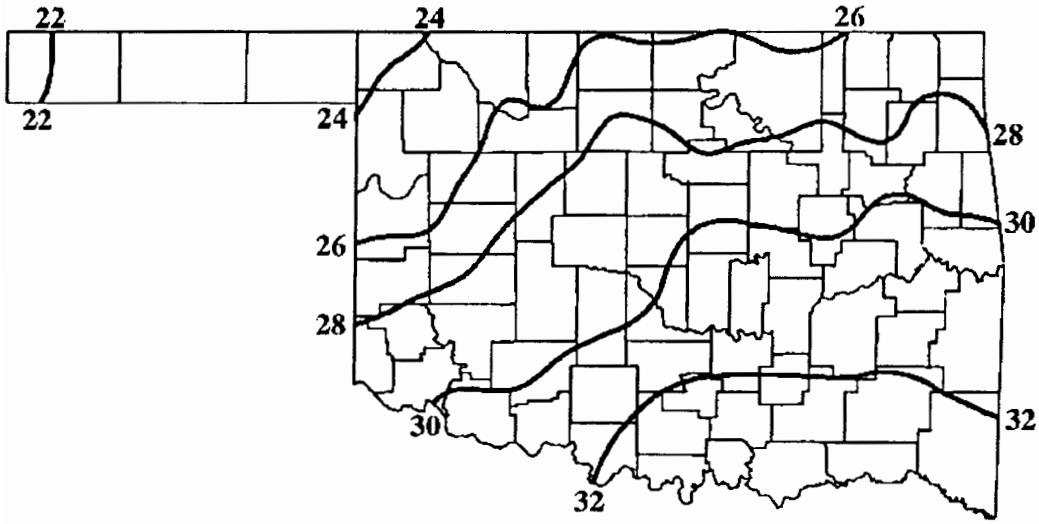
DATE	SUNRISE	SUNSET	DAYLIGHT
95 2 1	7:30AM	5:58PM cst	10 hrs 28 mins
95 2 2	7:29AM	5:59PM cst	10 hrs 29 mins
95 2 3	7:28AM	6: 0PM cst	10 hrs 31 mins
95 2 4	7:28AM	6: 1PM cst	10 hrs 33 mins
95 2 5	7:27AM	6: 2PM cst	10 hrs 35 mins
95 2 6	7:26AM	6: 3PM cst	10 hrs 36 mins
95 2 7	7:25AM	6: 4PM cst	10 hrs 38 mins
95 2 8	7:24AM	6: 5PM cst	10 hrs 40 mins
95 2 9	7:24AM	6: 6PM cst	10 hrs 42 mins
95 210	7:23AM	6: 7PM cst	10 hrs 44 mins
95 211	7:22AM	6: 8PM cst	10 hrs 46 mins
95 212	7:21AM	6: 9PM cst	10 hrs 48 mins
95 213	7:20AM	6:10PM cst	10 hrs 50 mins
95 214	7:19AM	6:11PM cst	10 hrs 52 mins
95 215	7:18AM	6:12PM cst	10 hrs 54 mins
95 216	7:17AM	6:13PM cst	10 hrs 56 mins
95 217	7:16AM	6:13PM cst	10 hrs 58 mins
95 218	7:15AM	6:14PM cst	11 hrs 0 mins
95 219	7:14AM	6:15PM cst	11 hrs 2 mins
95 220	7:13AM	6:16PM cst	11 hrs 4 mins
95 221	7:11AM	6:17PM cst	11 hrs 6 mins
95 222	7:10AM	6:18PM cst	11 hrs 8 mins
95 223	7: 9AM	6:19PM cst	11 hrs 10 mins
95 224	7: 8AM	6:20PM cst	11 hrs 12 mins
95 225	7: 7AM	6:21PM cst	11 hrs 14 mins
95 226	7: 5AM	6:22PM cst	11 hrs 16 mins
95 227	7: 4AM	6:23PM cst	11 hrs 19 mins
95 228	7: 3AM	6:24PM cst	11 hrs 21 mins

TULSA

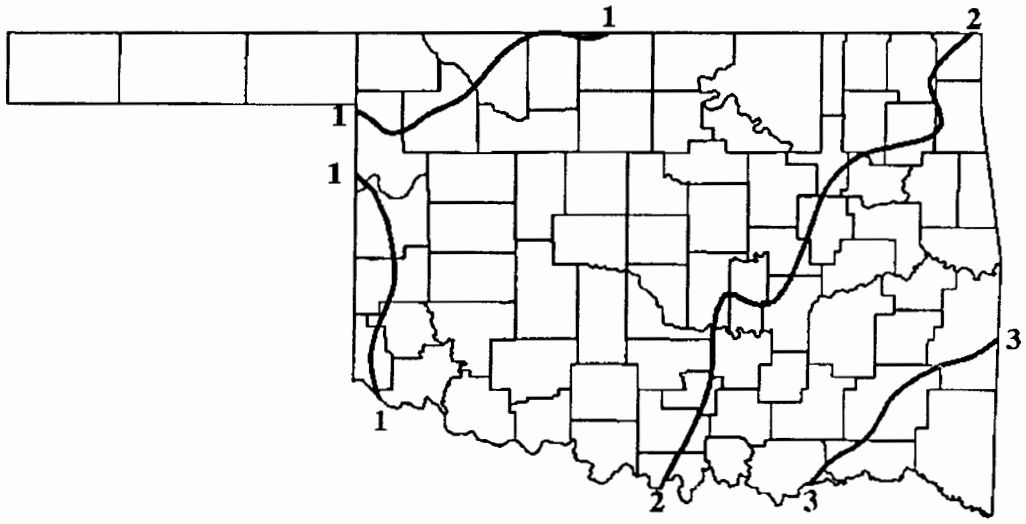
DATE	SUNRISE	SUNSET	DAYLIGHT
95 2 1	7:25AM	5:49PM cst	10 hrs 25 mins
95 2 2	7:24AM	5:50PM cst	10 hrs 27 mins
95 2 3	7:23AM	5:51PM cst	10 hrs 28 mins
95 2 4	7:22AM	5:52PM cst	10 hrs 30 mins
95 2 5	7:22AM	5:54PM cst	10 hrs 32 mins
95 2 6	7:21AM	5:55PM cst	10 hrs 34 mins
95 2 7	7:20AM	5:56PM cst	10 hrs 36 mins
95 2 8	7:19AM	5:57PM cst	10 hrs 38 mins
95 2 9	7:18AM	5:58PM cst	10 hrs 40 mins
95 210	7:17AM	5:59PM cst	10 hrs 42 mins
95 211	7:16AM	6: 0PM cst	10 hrs 43 mins
95 212	7:15AM	6: 1PM cst	10 hrs 45 mins
95 213	7:14AM	6: 2PM cst	10 hrs 47 mins
95 214	7:13AM	6: 3PM cst	10 hrs 50 mins
95 215	7:12AM	6: 4PM cst	10 hrs 52 mins
95 216	7:11AM	6: 5PM cst	10 hrs 54 mins
95 217	7:10AM	6: 6PM cst	10 hrs 56 mins
95 218	7: 9AM	6: 7PM cst	10 hrs 58 mins
95 219	7: 8AM	6: 8PM cst	11 hrs 0 mins
95 220	7: 7AM	6: 9PM cst	11 hrs 2 mins
95 221	7: 5AM	6:10PM cst	11 hrs 4 mins
95 222	7: 4AM	6:11PM cst	11 hrs 6 mins
95 223	7: 3AM	6:12PM cst	11 hrs 8 mins
95 224	7: 2AM	6:13PM cst	11 hrs 11 mins
95 225	7: 1AM	6:13PM cst	11 hrs 13 mins
95 226	6:59AM	6:14PM cst	11 hrs 15 mins
95 227	6:58AM	6:15PM cst	11 hrs 17 mins
95 228	6:57AM	6:16PM cst	11 hrs 19 mins



February Normal Daily Maximum Temperatures (°F)



February Normal Daily Minimum Temperatures (°F)



February Normal Monthly Precipitation (inches)

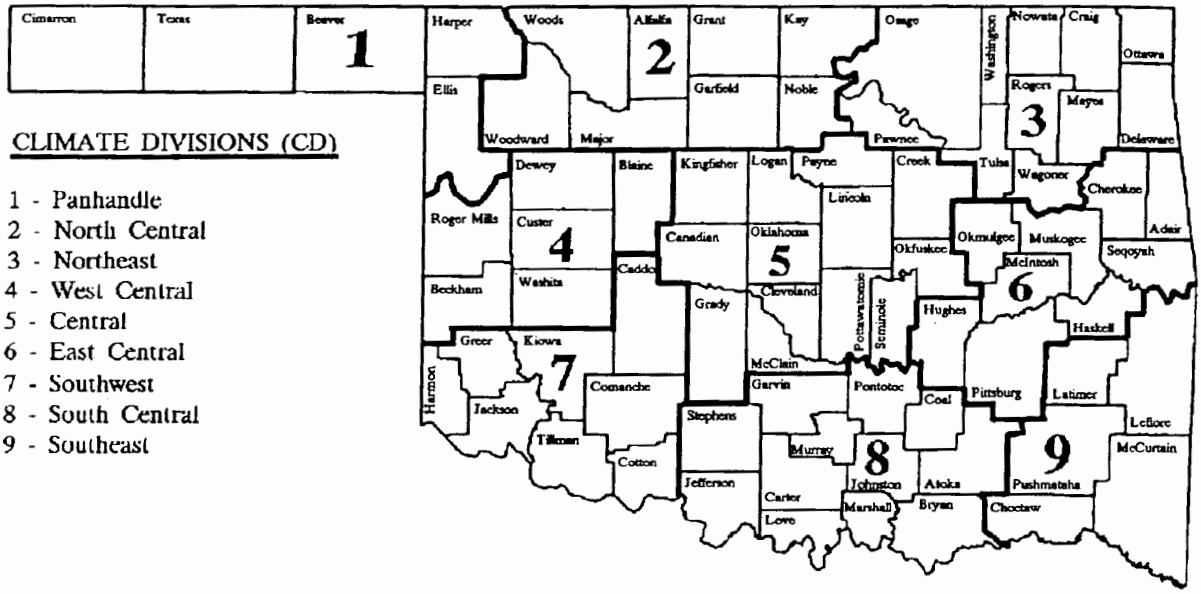
90-DAY NATIONAL WEATHER SERVICE OUTLOOK

(January through March 1995)

Precipitation - Greater than Normal Statewide

Temperature - Near 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

February 1995

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

Normal 1	Actual	Normal 2	Actual	Normal 3	Actual	Normal 4	Actual	Normal 5	Actual	Normal 6	Actual	Normal 7	Actual
48.4 max		45.2 max		47.1 max		49.6 max		47.5 max		45.0 max		47.3 max	
27.5 min		26.1 min		26.6 min		28.5 min		28.3 min		26.3 min		24.9 min	
.04 ppt		.03 ppt		.06 ppt		.07 ppt		.09 ppt		.02 ppt		.05 ppt	
27 hdd		29 hdd		28 hdd		26 hdd		27 hdd		29 hdd		29 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max	90-1911	Highest Max	76-1924	Highest Max	78-1962	Highest Max	77-1962	Highest Max	77-1942	Highest Max	73-1904	Highest Max	76-1937
Lowest Max	14-1918	Lowest Max	10-1905	Lowest Max	7-1905	Lowest Max	15-1989	Lowest Max	16-1982	Lowest Max	16-1905	Lowest Max	6-1933
Lowest Min	-2-1951	Lowest Min	-4-1895	Lowest Min	0-1989	Lowest Min	-1-1895	Lowest Min	3-1989	Lowest Min	3-1895	Lowest Min	-8-1895
Highest Min	59-1986	Highest Min	58-1986	Highest Min	58-1986	Highest Min	58-1927	Highest Min	57-1938	Highest Min	54-1931	Highest Min	50-1894
Greatest ppt	.71-1990	Greatest ppt	.88-1943	Greatest ppt	1.13-1960	Greatest ppt	1.32-1964	Greatest ppt	1.05-1987	Greatest ppt	1.38-1892	Greatest ppt	.84-1980
Normal 8	**Actual**	**Normal 9**	**Actual**	**Normal 10**	**Actual**	**Normal 11**	**Actual**	**Normal 12**	**Actual**	**Normal 13**	**Actual**	**Normal 14**	**Actual**
48.8 max		50.8 max		53.1 max		49.4 max		52.2 max		53.5 max		52.4 max	
28.1 min		27.8 min		27.1 min		28.1 min		28.9 min		30.3 min		31.9 min	
.06 ppt		.04 ppt		.03 ppt		.06 ppt		.08 ppt		.04 ppt		.10 ppt	
27 hdd		26 hdd		25 hdd		26 hdd		25 hdd		23 hdd		23 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max	73-1943	Highest Max	84-1932	Highest Max	79-1922	Highest Max	82-1962	Highest Max	84-1962	Highest Max	82-1962	Highest Max	81-1954
Lowest Max	12-1929	Lowest Max	16-1899	Lowest Max	16-1933	Lowest Max	15-1899	Lowest Max	2-1905	Lowest Max	21-1905	Lowest Max	18-1951
Lowest Min	-5-1933	Lowest Min	-3-1979	Lowest Min	4-1929	Lowest Min	-12-1899	Lowest Min	-17-1899	Lowest Min	-11-1905	Lowest Min	1-1935
Highest Min	63-1966	Highest Min	61-1932	Highest Min	62-1952	Highest Min	57-1938	Highest Min	57-1962	Highest Min	54-1976	Highest Min	55-1954
Greatest ppt	.62-1966	Greatest ppt	2.10-1898	Greatest ppt	.60-1953	Greatest ppt	1.12-1977	Greatest ppt	2.21-1978	Greatest ppt	.76-1908	Greatest ppt	.89-1938
Normal 15	**Actual**	**Normal 16**	**Actual**	**Normal 17**	**Actual**	**Normal 18**	**Actual**	**Normal 19**	**Actual**	**Normal 20**	**Actual**	**Normal 21**	**Actual**
50.4 max		51.3 max		53.8 max		54.6 max		53.9 max		54.7 max		51.3 max	
30.5 min		29.8 min		30.0 min		32.4 min		32.0 min		31.7 min		30.6 min	
.06 ppt		.02 ppt		.04 ppt		.04 ppt		.05 ppt		.08 ppt		.10 ppt	
25 hdd		24 hdd		23 hdd		22 hdd		22 hdd		22 hdd		24 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max	81-1954	Highest Max	81-1927	Highest Max	79-1991	Highest Max	78-1986	Highest Max	83-1986	Highest Max	84-1981	Highest Max	79-1935
Lowest Max	17-1909	Lowest Max	15-1903	Lowest Max	17-1936	Lowest Max	24-1936	Lowest Max	21-1929	Lowest Max	25-1918	Lowest Max	25-1911
Lowest Min	7-1909	Lowest Min	4-1903	Lowest Min	5-1900	Lowest Min	-1-1978	Lowest Min	7-1903	Lowest Min	9-1918	Lowest Min	9-1939
Highest Min	63-1976	Highest Min	63-1911	Highest Min	60-1926	Highest Min	63-1971	Highest Min	49-1906	Highest Min	55-1894	Highest Min	58-1922
Greatest ppt	.93-1938	Greatest ppt	2.15-1940	Greatest ppt	.88-1961	Greatest ppt	.88-1946	Greatest ppt	.69-1994	Greatest ppt	1.31-1985	Greatest ppt	1.63-1971
Normal 22	**Actual**	**Normal 23**	**Actual**	**Normal 24**	**Actual**	**Normal 25**	**Actual**	**Normal 26**	**Actual**	**Normal 27**	**Actual**	**Normal 28**	**Actual**
54.0 max		54.4 max		53.9 max		57.8 max		58.6 max		58.3 max		56.9 max	
31.6 min		32.6 min		32.0 min		33.9 min		34.4 min		34.4 min		34.3 min	
.07 ppt		.03 ppt		.05 ppt		.02 ppt		.03 ppt		.08 ppt		.07 ppt	
22 hdd		22 hdd		22 hdd		19 hdd		19 hdd		19 hdd		19 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max	83-1982	Highest Max	88-1918	Highest Max	87-1918	Highest Max	84-1917	Highest Max	78-1986	Highest Max	83-1918	Highest Max	90-1904
Lowest Max	24-1968	Lowest Max	21-1914	Lowest Max	19-1950	Lowest Max	27-1960	Lowest Max	21-1934	Lowest Max	25-1962	Lowest Max	19-1922
Lowest Min	11-1963	Lowest Min	7-1910	Lowest Min	7-1965	Lowest Min	10-1960	Lowest Min	10-1891	Lowest Min	12-1962	Lowest Min	7-1962
Highest Min	55-1985	Highest Min	52-1956	Highest Min	58-1930	Highest Min	56-1944	Highest Min	59-1981	Highest Min	56-1981	Highest Min	62-1904
Greatest ppt	1.15-1985	Greatest ppt	.81-1985	Greatest ppt	.94-1952	Greatest ppt	.74-1936	Greatest ppt	1.34-1903	Greatest ppt	1.32-1966	Greatest ppt	.98-1990

FEBRUARY AVERAGES

TEMPERATURE	:	41.0°F
PRECIPITATION	:	1.51"
HEATING DEGREE DAYS	:	674
DAYS	:	0

TULSA CLIMATE CALENDAR

February 1995

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

Normal 1	Actual	Normal 2	Actual	Normal 3	Actual	Normal 4	Actual	Normal 5	Actual	Normal 6	Actual	Normal 7	Actual
48.0 max		46.0 max		48.0 max		50.0 max		48.0 max		46.0 max		47.0 max	
27.0 min		26.0 min		27.0 min		29.0 min		29.0 min		27.0 min		26.0 min	
.09 ppt		.02 ppt		.03 ppt		.12 ppt		.09 ppt		.04 ppt		.07 ppt	
27 hdd		29 hdd		27 hdd		25 hdd		26 hdd		28 hdd		28 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max	90-1911	Highest Max	76-1924	Highest Max	79-1934	Highest Max	77-1962	Highest Max	75-1942	Highest Max	73-1925	Highest Max	78-1909
Lowest Max	15-1951	Lowest Max	25-1985	Lowest Max	13-1989	Lowest Max	15-1989	Lowest Max	19-1982	Lowest Max	21-1989	Lowest Max	27-1985
Lowest Min	-7-1979	Lowest Min	0-1917	Lowest Min	1-1989	Lowest Min	2-1989	Lowest Min	4-1979	Lowest Min	4-1985	Lowest Min	0-1933
Highest Min	53-1986	Highest Min	56-1986	Highest Min	59-1986	Highest Min	51-1991	Highest Min	47-1974	Highest Min	48-1965	Highest Min	49-1970
Greatest ppt	.63-1968	Greatest ppt	.16-1975	Greatest ppt	.53-1960	Greatest ppt	2.27-1971	Greatest ppt	1.36-1964	Greatest ppt	.36-1979	Greatest ppt	.76-1980

Normal 8	Actual	Normal 9	Actual	Normal 10	Actual	Normal 11	Actual	Normal 12	Actual	Normal 13	Actual	Normal 14	Actual
49.0 max		49.0 max		53.0 max		50.0 max		50.0 max		53.0 max		52.0 max	
27.0 min		28.0 min		27.0 min		28.0 min		29.0 min		29.0 min		32.0 min	
.03 ppt		.06 ppt		.03 ppt		.08 ppt		.09 ppt		.03 ppt		.06 ppt	
27 hdd		25 hdd		25 hdd		26 hdd		25 hdd		24 hdd		23 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max	76-1990	Highest Max	82-1932	Highest Max	81-1922	Highest Max	77-1951	Highest Max	86-1962	Highest Max	84-1962	Highest Max	80-1910
Lowest Max	16-1971	Lowest Max	23-1982	Lowest Max	23-1986	Lowest Max	21-1981	Lowest Max	28-1948	Lowest Max	31-1951	Lowest Max	23-1951
Lowest Min	-5-1933	Lowest Min	-3-1979	Lowest Min	-3-1929	Lowest Min	-3-1981	Lowest Min	0-1905	Lowest Min	-15-1905	Lowest Min	-10-1905
Highest Min	58-1966	Highest Min	50-1957	Highest Min	48-1993	Highest Min	49-1984	Highest Min	47-1952	Highest Min	49-1976	Highest Min	59-1954
Greatest ppt	.28-1965	Greatest ppt	.78-1959	Greatest ppt	.59-1953	Greatest ppt	1.18-1977	Greatest ppt	1.78-1978	Greatest ppt	.52-1951	Greatest ppt	1.01-1951

Normal 15	Actual	Normal 16	Actual	Normal 17	Actual	Normal 18	Actual	Normal 19	Actual	Normal 20	Actual	Normal 21	Actual
51.0 max		51.0 max		54.0 max		55.0 max		55.0 max		55.0 max		52.0 max	
31.0 min		30.0 min		29.0 min		32.0 min		31.0 min		32.0 min		31.0 min	
.08 ppt		.03 ppt		.05 ppt		.06 ppt		.07 ppt		.09 ppt		.10 ppt	
24 hdd		25 hdd		23 hdd		21 hdd		21 hdd		22 hdd		23 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max	80-1976	Highest Max	78-1976	Highest Max	79-1907	Highest Max	78-1930	Highest Max	77-1981	Highest Max	83-1981	Highest Max	80-1982
Lowest Max	29-1958	Lowest Max	16-1979	Lowest Max	19-1993	Lowest Max	26-1978	Lowest Max	31-1959	Lowest Max	33-1978	Lowest Max	28-1968
Lowest Min	3-1905	Lowest Min	3-1920	Lowest Min	9-1993	Lowest Min	2-1936	Lowest Min	9-1978	Lowest Min	9-1918	Lowest Min	7-1939
Highest Min	60-1976	Highest Min	50-1976	Highest Min	49-1992	Highest Min	60-1971	Highest Min	49-1994	Highest Min	52-1994	Highest Min	58-1985
Greatest ppt	.92-1974	Greatest ppt	.75-1975	Greatest ppt	1.37-1961	Greatest ppt	1.35-1974	Greatest ppt	1.31-1955	Greatest ppt	1.05-1951	Greatest ppt	1.08-1971

Normal 22	Actual	Normal 23	Actual	Normal 24	Actual	Normal 25	Actual	Normal 26	Actual	Normal 27	Actual	Normal 28	Actual
54.0 max		55.0 max		53.0 max		57.0 max		58.0 max		58.0 max		56.0 max	
31.0 min		33.0 min		32.0 min		33.0 min		34.0 min		35.0 min		35.0 min	
.14 ppt		.07 ppt		.07 ppt		.02 ppt		.07 ppt		.16 ppt		.08 ppt	
22 hdd		21 hdd		22 hdd		20 hdd		19 hdd		19 hdd		19 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max	80-1982	Highest Max	81-1982	Highest Max	85-1918	Highest Max	82-1917	Highest Max	79-1986	Highest Max	81-1976	Highest Max	82-1972
Lowest Max	28-1968	Lowest Max	32-1975	Lowest Max	24-1965	Lowest Max	31-1960	Lowest Max	30-1960	Lowest Max	28-1962	Lowest Max	22-1962
Lowest Min	11-1963	Lowest Min	10-1910	Lowest Min	8-1965	Lowest Min	10-1965	Lowest Min	11-1960	Lowest Min	13-1962	Lowest Min	6-1962
Highest Min	57-1985	Highest Min	51-1992	Highest Min	45-1977	Highest Min	52-1951	Highest Min	58-1981	Highest Min	59-1981	Highest Min	53-1976
Greatest ppt	2.99-1985	Greatest ppt	1.40-1985	Greatest ppt	.86-1952	Greatest ppt	.98-1993	Greatest ppt	1.25-1984	Greatest ppt	1.12-1950	Greatest ppt	2.00-1987

FEBRUARY AVERAGES

TEMPERATURE	:	40.9°F
PRECIPITATION	:	1.93"
HEATING DEGREE DAYS	:	667
COOLING DEGREE DAYS	:	0