

# 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.

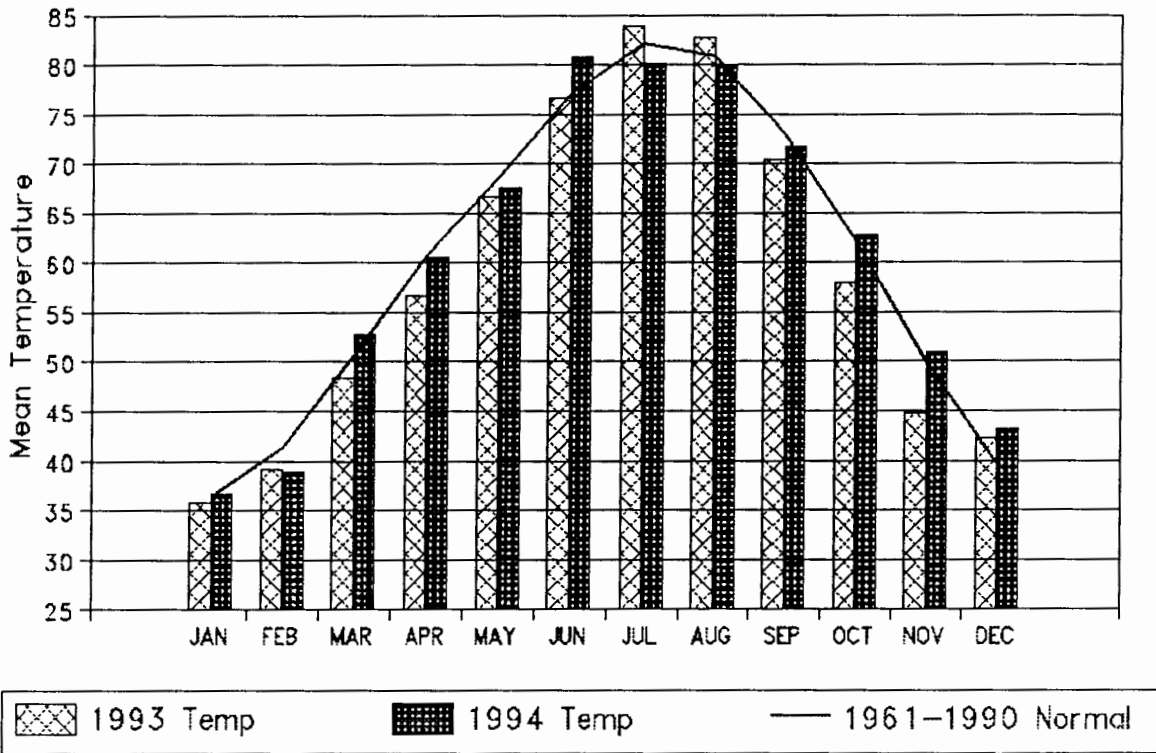
Autumn weather dominated the state during the first four days of the month with daytime temperatures in some areas soaring into the 70s. Dense early morning fog appeared in central Oklahoma on the third, a phenomenon which would occur frequently, especially in northern and eastern parts of the state 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.

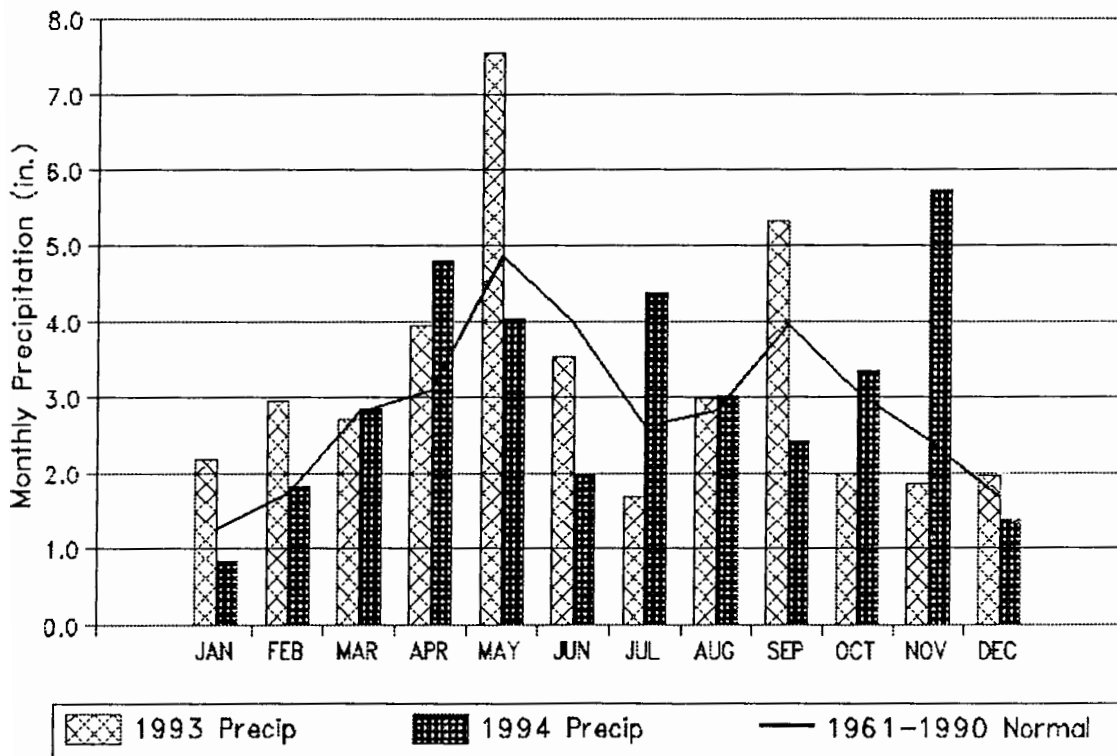
Fog was frequent especially in northern and central Oklahoma during the week before Christmas. Visibilities were reduced to less than a quarter of a mile in Oklahoma City, Enid, Ponca City, and Tulsa on the 23rd. While Christmas Day was generally gloomy in Tulsa, that city did receive some brief snow 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

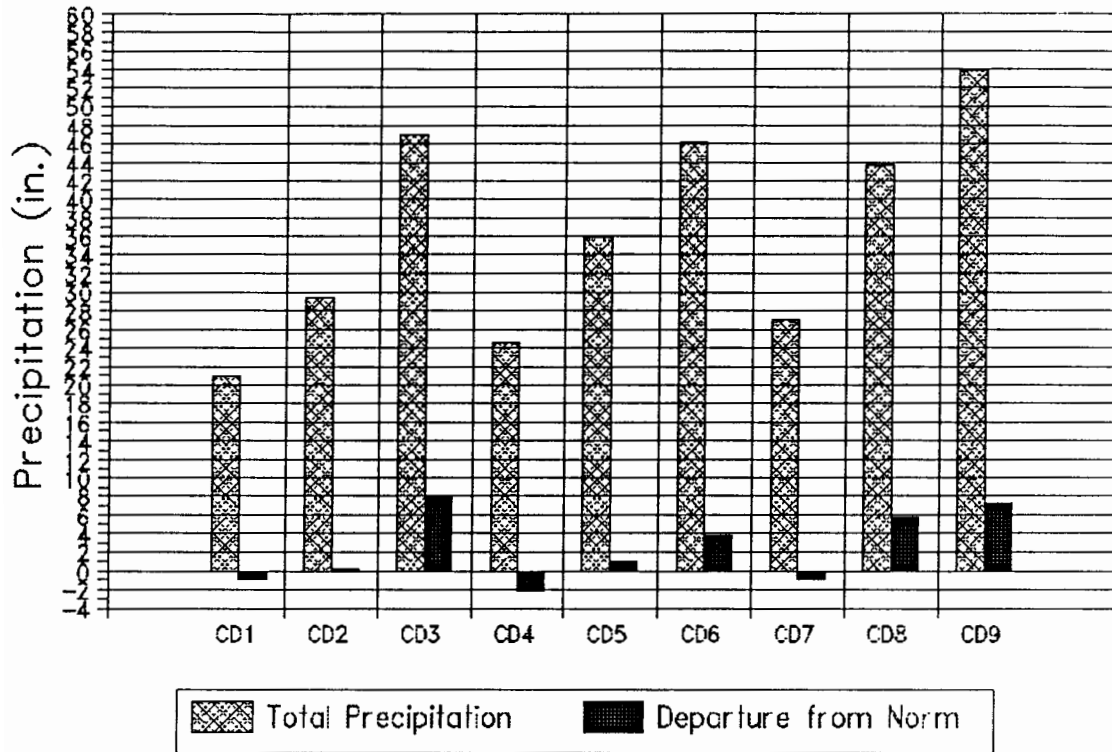
### 1993 and 1994 STATEWIDE TEMPERATURES Monthly Averages



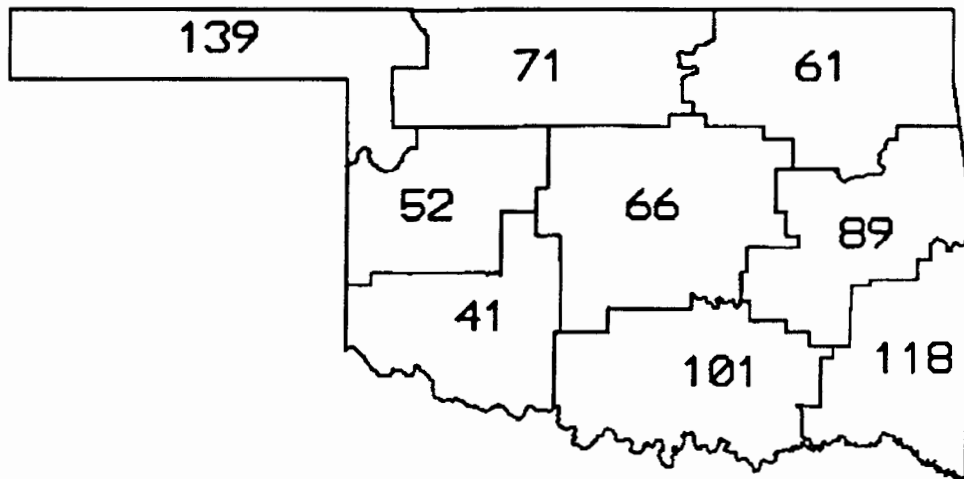
### 1993 and 1994 STATEWIDE PRECIPITATION Monthly Totals



### CD Averaged Precipitation January through December 1994



### CD PERCENT OF NORMAL PRECIPITATION



DECEMBER 1994

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

CD	MAX			MIN			24-HOUR			MONTHLY	
	TEMP	DATE	LOCATION	TEMP	DATE	LOCATION	PRECIP	DATE	LOCATION	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								
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

Station	DECEMBER Temperature (°F)		DECEMBER Precipitation (in.)	
	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	DEV			MIN			HEAT		DEV		COOL		DEV		TOT	NUM	DEV	MAX	24-HR	DAY
			MEAN	NUM	FROM	MAX	DAY	TEMP	DAY	DEG	FROM	DEG	FROM	DEG	FROM	PPT						
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				
HOOVER	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	DEV			MIN			HEAT		DEV		COOL		DEV		TOT	NUM	DEV	MAX	24-HR	DAY
			MEAN	NUM	FROM	MAX	DAY	TEMP	DAY	DEG	FROM	DEG	FROM	DEG	FROM	PPT						
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	DEV			MIN	HEAT			DEV		TOT	DEV					
			MEAN	NUM	MAX		DEG	FROM	COOL	DEG	FROM		NUM	FROM	MAX			
			TEMP	OBS	NORM	TEMP	DAY	TEMP	DAY	DEG	NORM	DEG	NORM	PPT	OBS	NORM	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
WYONONA	9792	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.672	31	*****	.28	8

DECEMBER 1994 SUMMARY FOR WEST CENTRAL DIVISION (CD4)

NAME	ID	CD	DEV			MIN	HEAT			DEV		TOT	DEV					
			MEAN	NUM	MAX		DEG	FROM	COOL	DEG	FROM		NUM	FROM	MAX			
			TEMP	OBS	NORM	TEMP	DAY	TEMP	DAY	DEG	NORM	DEG	NORM	PPT	OBS	NORM	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
LEEDY	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	DEV				MIN	DAY	HEAT		DEV		COOL		DEV		TOT	NUM	FROM	MAX	DAY
			MEAN	NUM	FROM	MAX			DEG	FROM	DEG	FROM	DEG	FROM	PPT	OBS					
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	ST1750	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	DEV				MIN	DAY	HEAT		DEV		COOL		DEV		TOT	NUM	FROM	MAX	DAY
			MEAN	NUM	FROM	MAX			DEG	FROM	DEG	FROM	DEG	FROM	PPT	OBS					
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			
EUFULA	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	DEV			MIN	HEAT		DEV		COOL		DEV		TOT	NUM	DEV		24-HR	DAY
			MEAN	NUM	FROM		MAX	DEG	FROM	DEG	FROM	DEG	FROM	NORM			NORM	NORM		
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)

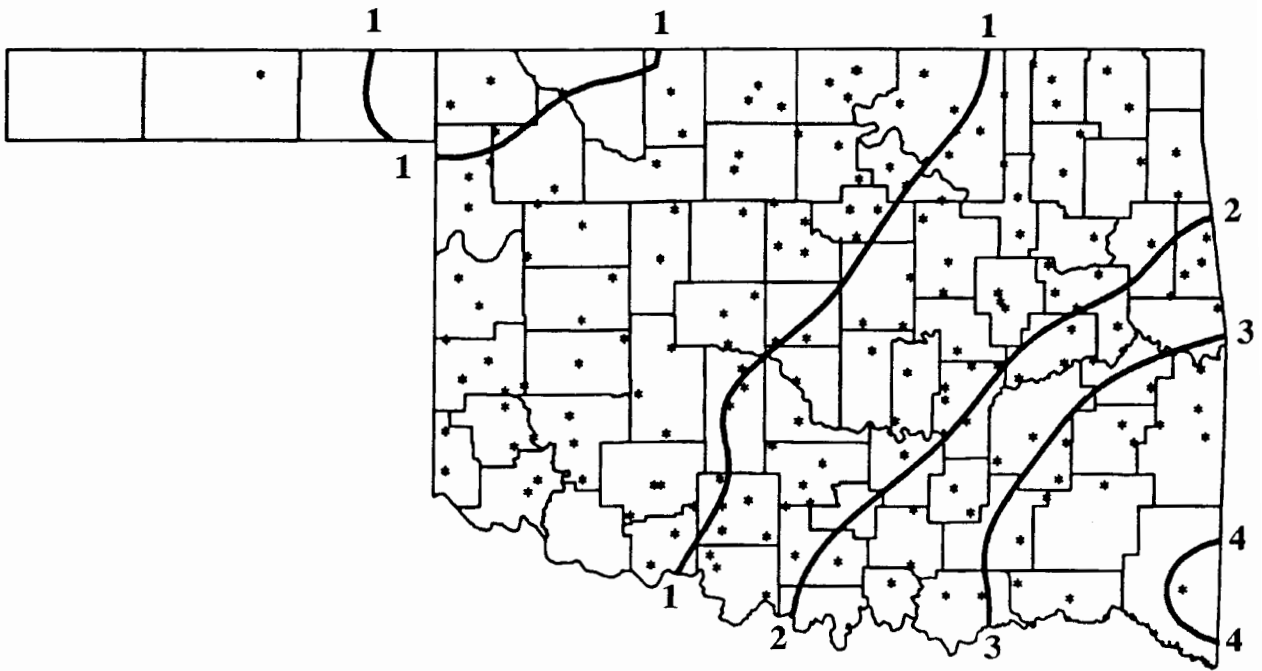
NAME	ID	CD	DEV			MIN	HEAT		DEV		COOL		DEV		TOT	NUM	DEV		24-HR	DAY
			MEAN	NUM	FROM		MAX	DEG	FROM	DEG	FROM	DEG	FROM	NORM			NORM	NORM		
ADA	17	8	44.2	31	2.0	67.	4	23.	26	646.0	-61.0	.0	.0	1.604	31	-.38	.84	9		
ALLEN	147	8	****	0	****	****	0	****	0	*****	*****	*****	*****	1.550	31	*****	.85	9		
ARDMORE	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)**

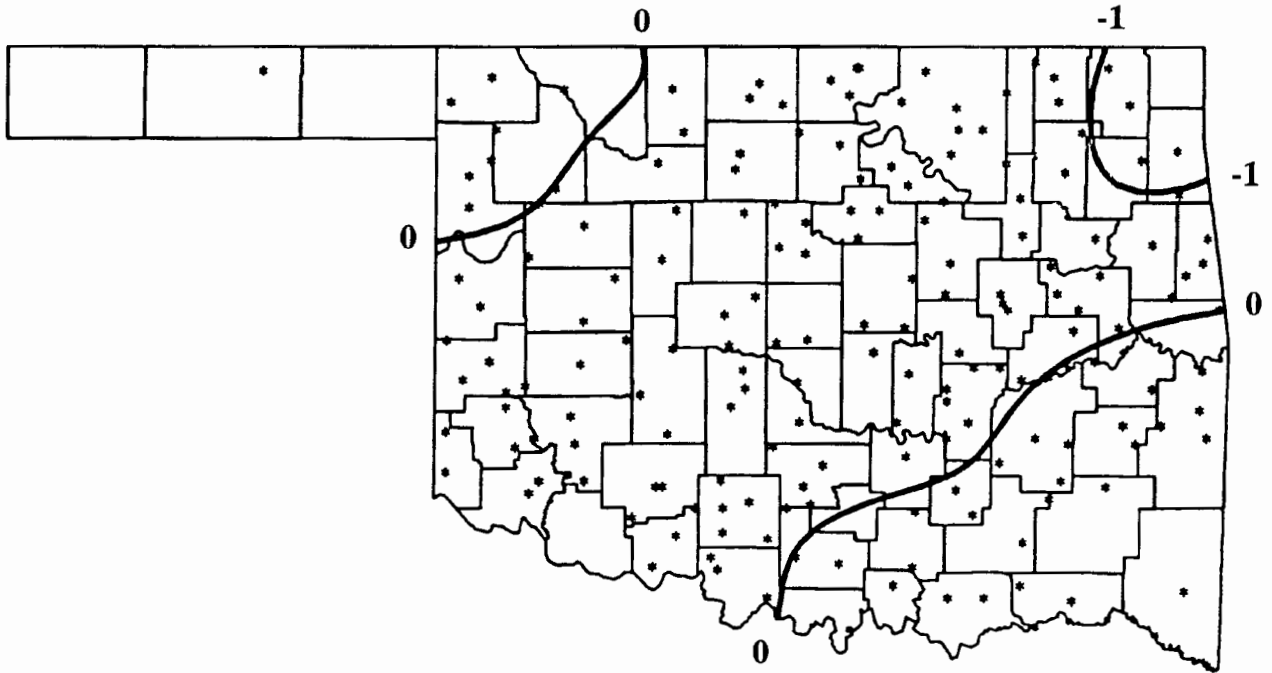
NAME	ID	CD	DEV						HEAT		DEV		COOL		DEV		TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN DAY	MIN TEMP	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	DEV FROM NORM	MAX 24-HR							
ANTLERS	256	9	45.9	31	2.8	68.	5	23.	24	593.0	-86.0	.0	.0	*****	0	*****	*****	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**

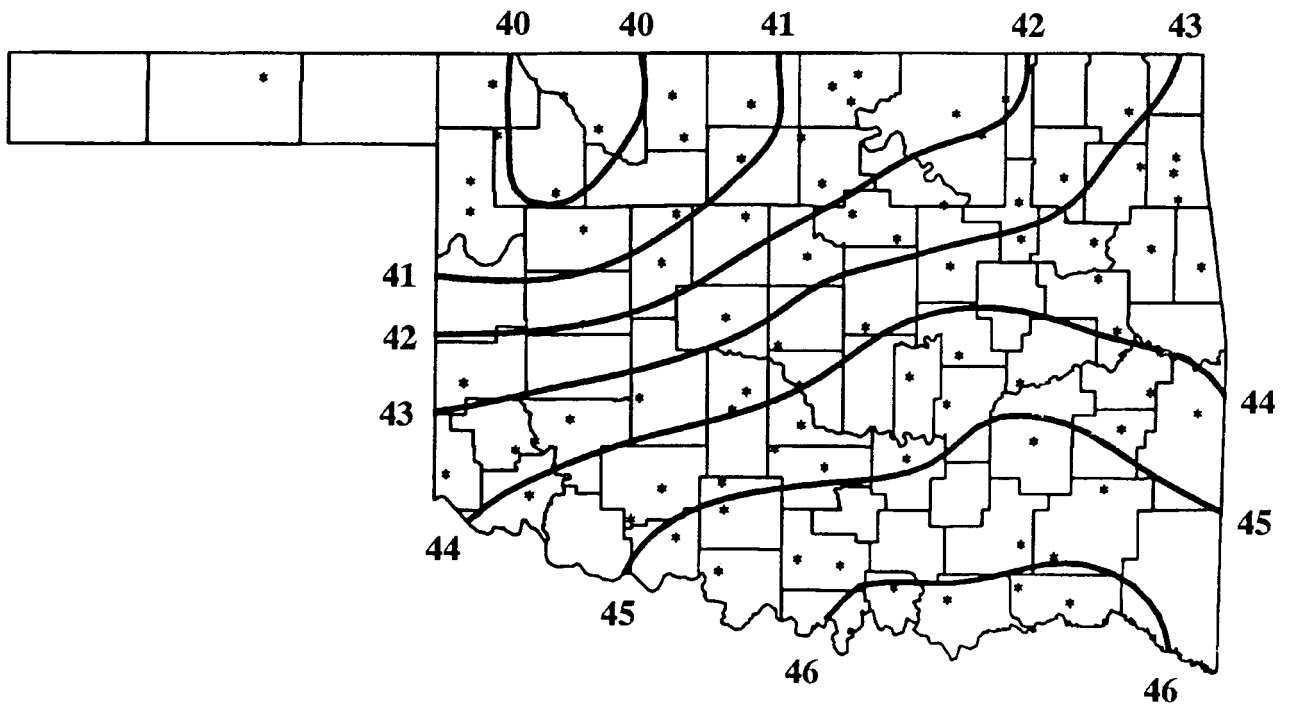
CLIMATE DIV	MEAN TEMP	NUM STA	DEV			HEAT DEGREE		DEV		COOL DEGREE		DEV		TOT PPT	NUM STA	DEV FROM NORM	MAX 24-HR	DAY
			FROM NORM	MAX TEMP	MIN DAY	DEGREE	FROM NORM	DEGREE	FROM NORM	TOT PPT								
1	39.8	10	4.7	75.0	2	15.0	14	780.5	-144.3	.0	.0	.87	13	.31	.90	6		
2	40.5	14	3.9	74.0	5	12.0	11	755.2	-126.9	.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		



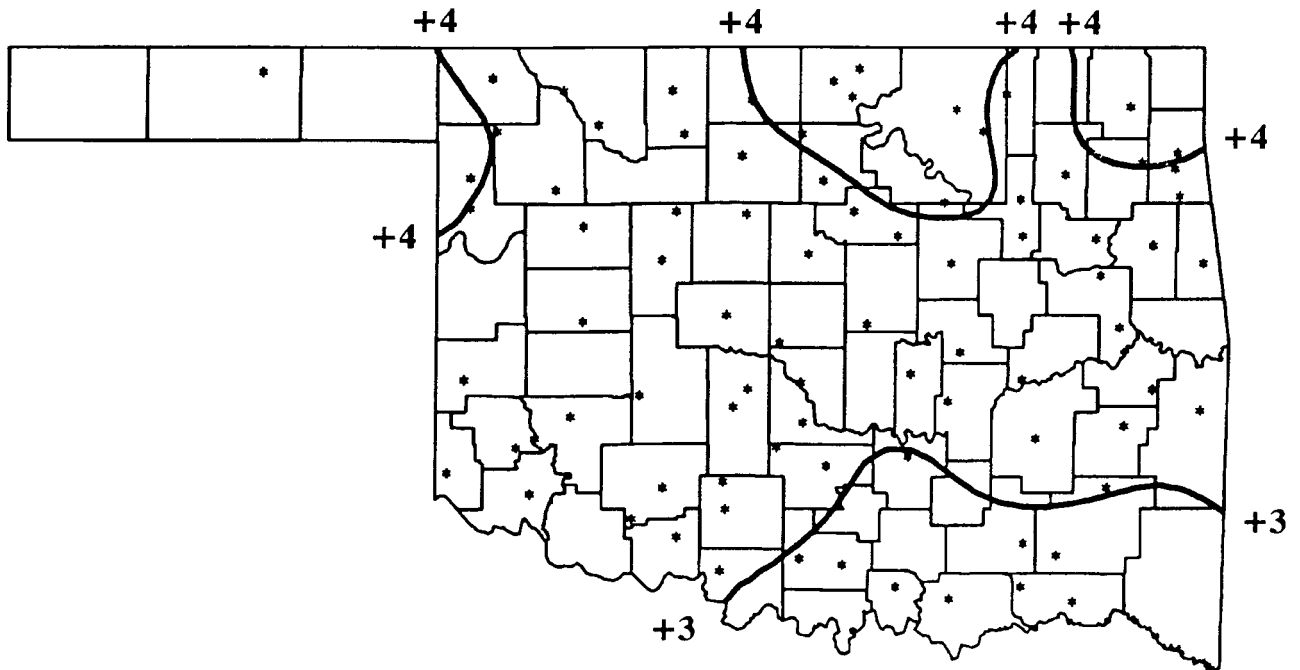
DECEMBER 1994 TOTAL PRECIPITATION  
(Inches)



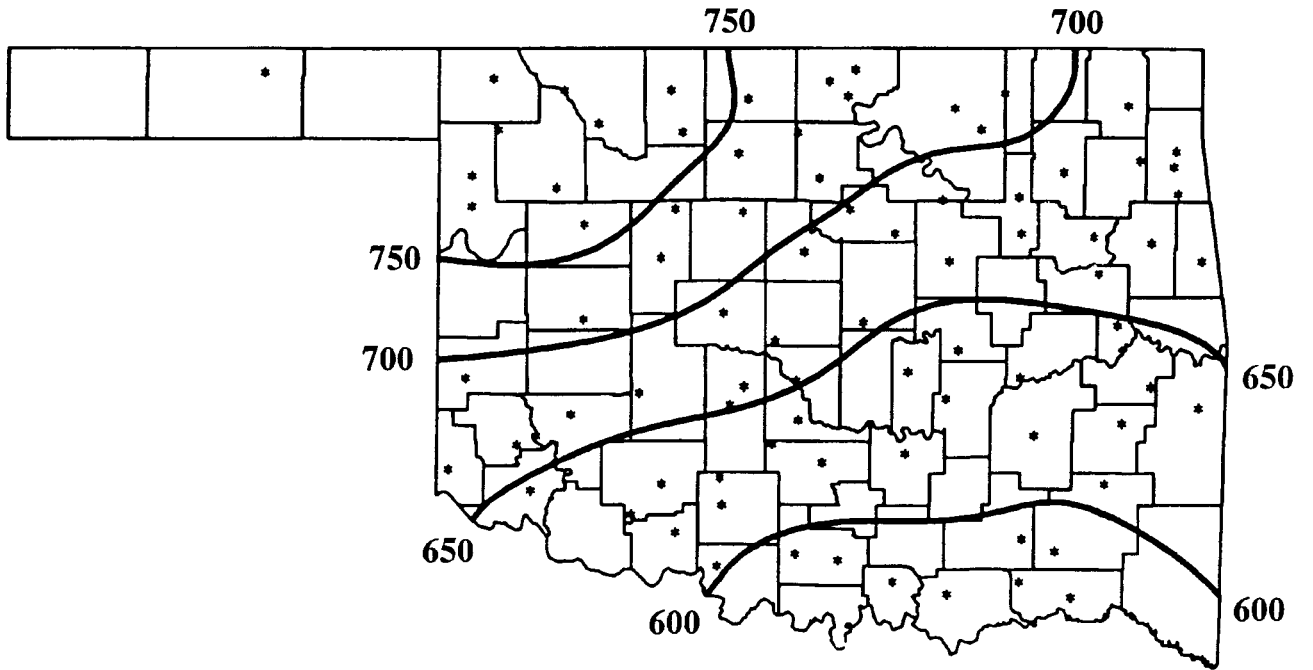
DECEMBER 1994 DEVIATION FROM NORMAL PRECIPITATION  
(Inches)



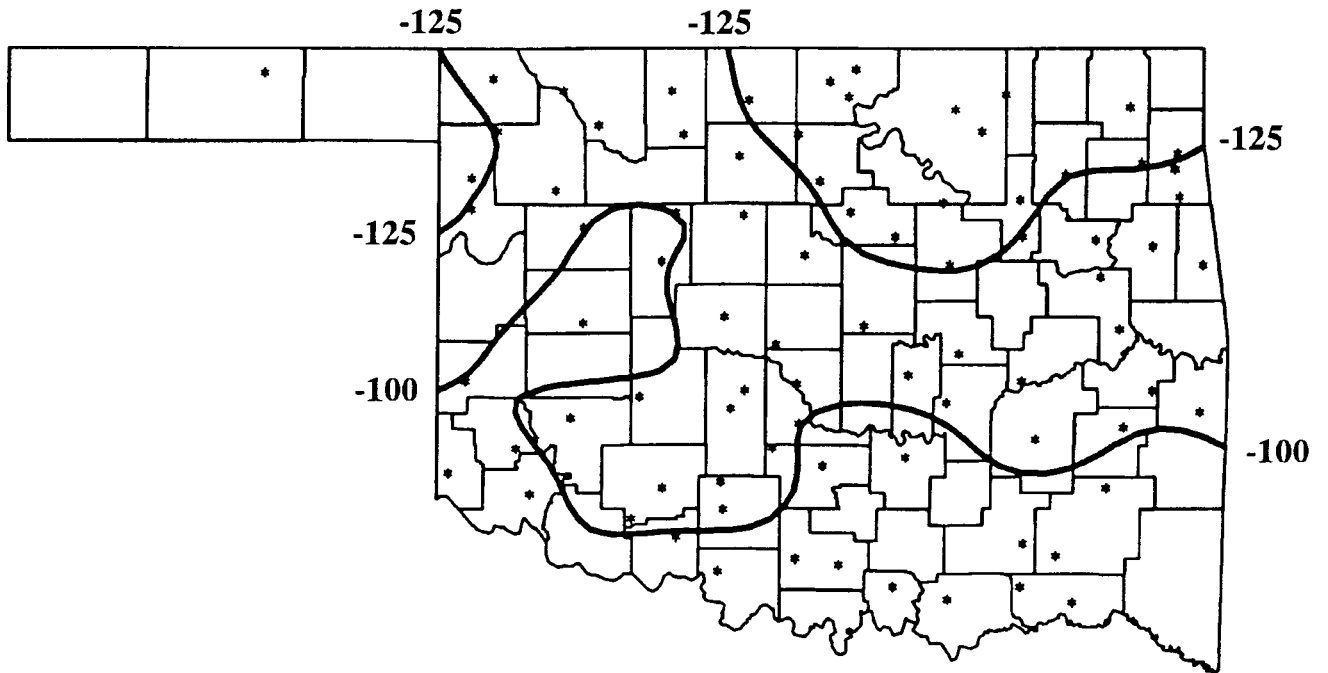
DECEMBER 1994 AVERAGE MONTHLY TEMPERATURES  
(Degrees F)



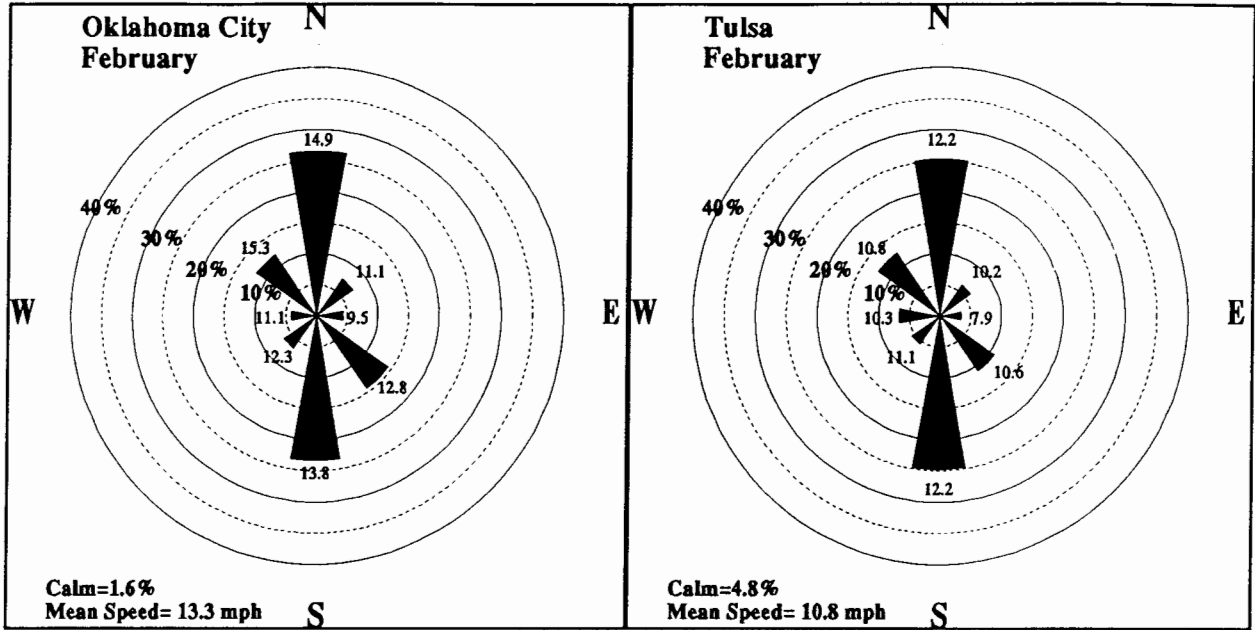
DECEMBER 1994 DEVIATION FROM NORMAL TEMPERATURES  
(Degrees F)



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.

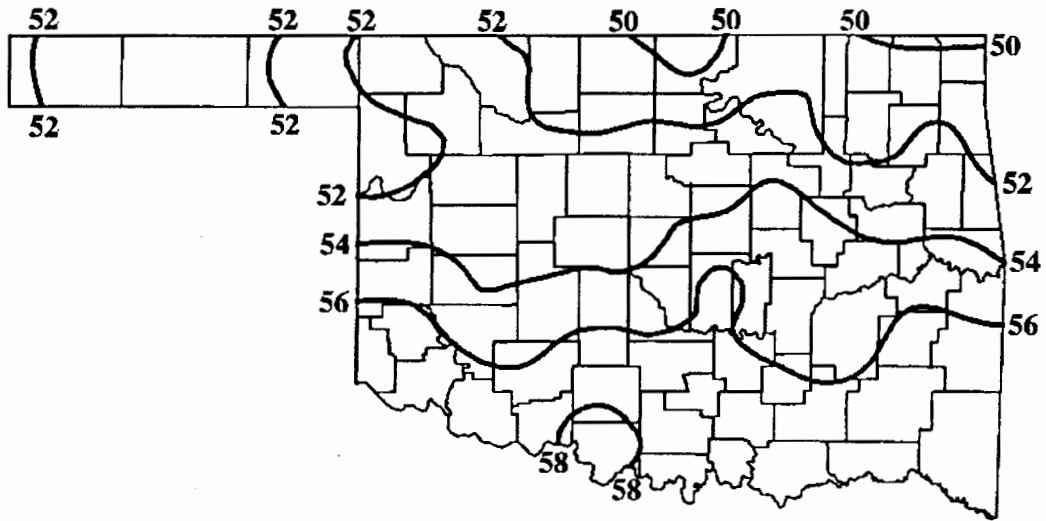
**FEBRUARY 1995 SUNRISE AND SUNSET**

**OKLAHOMA CITY**

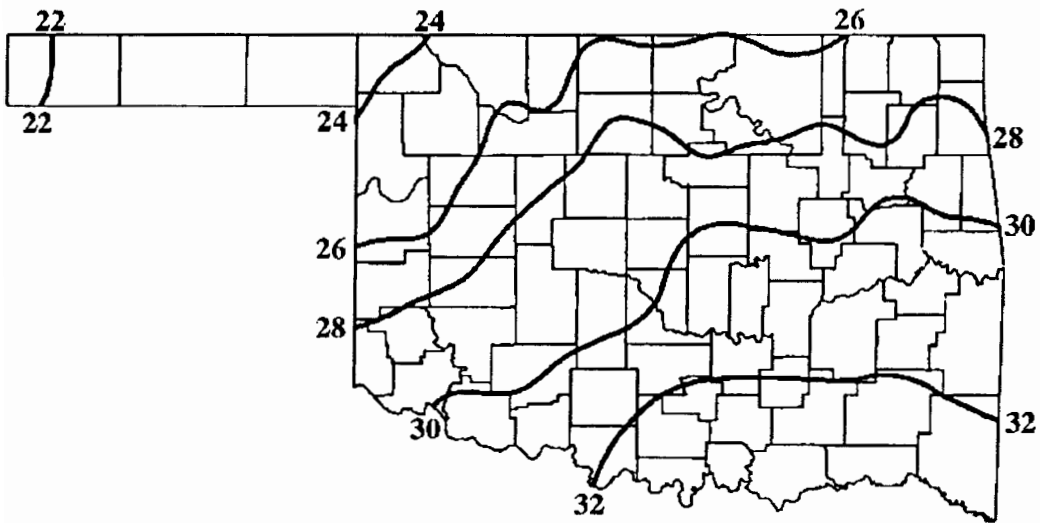
DATE	SUNRISE	SUNSET	DAYLIGHT
95 2 1	7:30AM	5:58PM cst	10 hrs 28 mins
95 2 2	7:29AM	5:59PM cst	10 hrs 29 mins
95 2 3	7:28AM	6: 0PM cst	10 hrs 31 mins
95 2 4	7:28AM	6: 1PM cst	10 hrs 33 mins
95 2 5	7:27AM	6: 2PM cst	10 hrs 35 mins
95 2 6	7:26AM	6: 3PM cst	10 hrs 36 mins
95 2 7	7:25AM	6: 4PM cst	10 hrs 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 2 10	7:23AM	6: 7PM cst	10 hrs 44 mins
95 2 11	7:22AM	6: 8PM cst	10 hrs 46 mins
95 2 12	7:21AM	6: 9PM cst	10 hrs 48 mins
95 2 13	7:20AM	6:10PM cst	10 hrs 50 mins
95 2 14	7:19AM	6:11PM cst	10 hrs 52 mins
95 2 15	7:18AM	6:12PM cst	10 hrs 54 mins
95 2 16	7:17AM	6:13PM cst	10 hrs 56 mins
95 2 17	7:16AM	6:13PM cst	10 hrs 58 mins
95 2 18	7:15AM	6:14PM cst	11 hrs 0 mins
95 2 19	7:14AM	6:15PM cst	11 hrs 2 mins
95 2 20	7:13AM	6:16PM cst	11 hrs 4 mins
95 2 21	7:11AM	6:17PM cst	11 hrs 6 mins
95 2 22	7:10AM	6:18PM cst	11 hrs 8 mins
95 2 23	7: 9AM	6:19PM cst	11 hrs 10 mins
95 2 24	7: 8AM	6:20PM cst	11 hrs 12 mins
95 2 25	7: 7AM	6:21PM cst	11 hrs 14 mins
95 2 26	7: 5AM	6:22PM cst	11 hrs 16 mins
95 2 27	7: 4AM	6:23PM cst	11 hrs 19 mins
95 2 28	7: 3AM	6:24PM cst	11 hrs 21 mins

**TULSA**

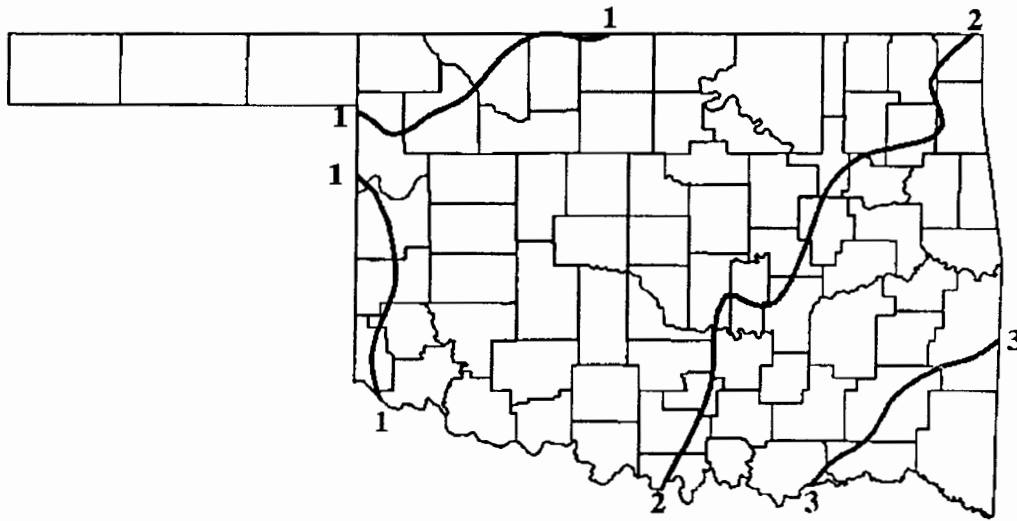
DATE	SUNRISE	SUNSET	DAYLIGHT
95 2 1	7:25AM	5:49PM cst	10 hrs 25 mins
95 2 2	7:24AM	5:50PM cst	10 hrs 27 mins
95 2 3	7:23AM	5:51PM cst	10 hrs 28 mins
95 2 4	7:22AM	5:52PM cst	10 hrs 30 mins
95 2 5	7:22AM	5:54PM cst	10 hrs 32 mins
95 2 6	7:21AM	5:55PM cst	10 hrs 34 mins
95 2 7	7:20AM	5:56PM cst	10 hrs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

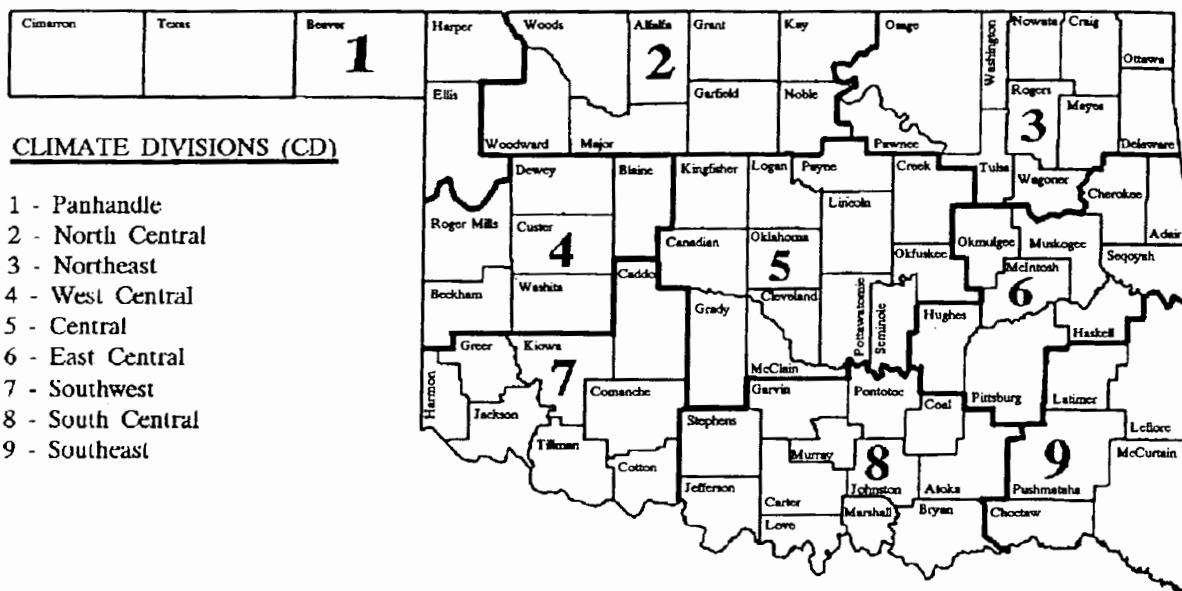
**(January through March 1995)**

**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 than normal cooling requirements for the month as a whole. A negative value indicates lower than normal cooling requirements for the month as a whole. Normal cooling degree days may be found by subtracting the deviation from the observed cooling degree days.

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

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

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

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

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

OKLAHOMA CITY CLIMATE CALENDAR

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).

<p>Normal 1 Actual</p> <p>48.4 max 27.5 min .04 ppt 27 hdd 0 cdd</p> <p>Highest Max - 90-1911 Lowest Max 14-1918 Lowest Min -2-1951 Highest Min 59-1985 Greatest ppt .71-1990</p>	<p>Normal 2 Actual</p> <p>45.2 max 26.1 min .03 ppt 29 hdd 0 cdd</p> <p>Highest Max 76-1924 Lowest Max 10-1905 Lowest Min -4-1895 Highest Min 58-1986 Greatest ppt .88-1943</p>	<p>Normal 3 Actual</p> <p>47.1 max 26.6 min .06 ppt 28 hdd 0 cdd</p> <p>Highest Max 78-1962 Lowest Max 7-1905 Lowest Min 0-1989 Highest Min 58-1986 Greatest ppt 1.13-1960</p>	<p>Normal 4 Actual</p> <p>49.6 max 28.5 min .07 ppt 26 hdd 0 cdd</p> <p>Highest Max 77-1962 Lowest Max 15-1889 Lowest Min -1-1955 Highest Min 58-1927 Greatest ppt 1.32-1964</p>	<p>Normal 5 Actual</p> <p>47.5 max 28.3 min .09 ppt 27 hdd 0 cdd</p> <p>Highest Max 77-1942 Lowest Max 10-1982 Lowest Min 3-1989 Highest Min 57-1938 Greatest ppt 1.05-1987</p>	<p>Normal 6 Actual</p> <p>45.0 max 26.3 min .02 ppt 29 hdd 0 cdd</p> <p>Highest Max 79-1904 Lowest Max 16-1905 Lowest Min 3-1895 Highest Min 54-1931 Greatest ppt 1.38-1992</p>	<p>Normal 7 Actual</p> <p>47.3 max 24.9 min .05 ppt 29 hdd 0 cdd</p> <p>Highest Max 76-1937 Lowest Max 6-1933 Lowest Min -8-1895 Highest Min 50-1994 Greatest ppt .84-1980</p>
<p>Normal 8 Actual</p> <p>48.8 max 28.1 min .06 ppt 27 hdd 0 cdd</p> <p>Highest Max 73-1943 Lowest Max 12-1929 Lowest Min -5-1933 Highest Min 53-1966 Greatest ppt .62-1966</p>	<p>Normal 9 Actual</p> <p>50.8 max 27.8 min .04 ppt 26 hdd 0 cdd</p> <p>Highest Max 84-1932 Lowest Max 10-1899 Lowest Min -3-1979 Highest Min 51-1932 Greatest ppt 2.10-1898</p>	<p>Normal 10 Actual</p> <p>53.1 max 27.1 min .03 ppt 25 hdd 0 cdd</p> <p>Highest Max 79-1922 Lowest Max 10-1933 Lowest Min 4-1929 Highest Min 52-1952 Greatest ppt .60-1953</p>	<p>Normal 11 Actual</p> <p>49.4 max 28.1 min .06 ppt 26 hdd 0 cdd</p> <p>Highest Max 85-1962 Lowest Max 15-1899 Lowest Min -12-1959 Highest Min 57-1938 Greatest ppt 1.12-1977</p>	<p>Normal 12 Actual</p> <p>52.2 max 28.9 min .08 ppt 25 hdd 0 cdd</p> <p>Highest Max 84-1962 Lowest Max 2-1905 Lowest Min -17-1899 Highest Min 57-1962 Greatest ppt 2.21-1978</p>	<p>Normal 13 Actual</p> <p>53.5 max 30.3 min .04 ppt 23 hdd 0 cdd</p> <p>Highest Max 82-1962 Lowest Max 21-1905 Lowest Min -11-1905 Highest Min 54-1976 Greatest ppt .76-1908</p>	<p>Normal 14 Actual</p> <p>52.4 max 31.9 min .10 ppt 23 hdd 0 cdd</p> <p>Highest Max 81-1954 Lowest Max 18-1951 Lowest Min 1-1935 Highest Min 56-1954 Greatest ppt .89-1998</p>
<p>Normal 15 Actual</p> <p>50.4 max 30.5 min .06 ppt 25 hdd 0 cdd</p> <p>Highest Max 81-1954 Lowest Max 17-1909 Lowest Min 7-1909 Highest Min 53-1976 Greatest ppt .93-1938</p>	<p>Normal 16 Actual</p> <p>51.3 max 29.8 min .02 ppt 24 hdd 0 cdd</p> <p>Highest Max 81-1927 Lowest Max 15-1903 Lowest Min 4-1903 Highest Min 63-1911 Greatest ppt 2.15-1940</p>	<p>Normal 17 Actual</p> <p>53.8 max 30.0 min .04 ppt 23 hdd 0 cdd</p> <p>Highest Max 79-1991 Lowest Max 17-1936 Lowest Min 5-1900 Highest Min 50-1926 Greatest ppt .88-1961</p>	<p>Normal 18 Actual</p> <p>54.6 max 32.4 min .04 ppt 22 hdd 0 cdd</p> <p>Highest Max 78-1986 Lowest Max 24-1936 Lowest Min -1-1978 Highest Min 53-1971 Greatest ppt .88-1946</p>	<p>Normal 19 Actual</p> <p>53.9 max 32.0 min .05 ppt 22 hdd 0 cdd</p> <p>Highest Max 83-1986 Lowest Max 21-1929 Lowest Min 7-1903 Highest Min 49-1906 Greatest ppt .69-1994</p>	<p>Normal 20 Actual</p> <p>54.7 max 31.7 min .08 ppt 22 hdd 0 cdd</p> <p>Highest Max 84-1981 Lowest Max 25-1918 Lowest Min 9-1918 Highest Min 56-1994 Greatest ppt 1.31-1985</p>	<p>Normal 21 Actual</p> <p>51.3 max 30.6 min .10 ppt 24 hdd 0 cdd</p> <p>Highest Max 79-1995 Lowest Max 25-1911 Lowest Min 9-1939 Highest Min 58-1922 Greatest ppt 1.63-1971</p>
<p>Normal 22 Actual</p> <p>54.0 max 31.6 min .07 ppt 22 hdd 0 cdd</p> <p>Highest Max 83-1982 Lowest Max 24-1968 Lowest Min 11-1963 Highest Min 55-1985 Greatest ppt 1.15-1985</p>	<p>Normal 23 Actual</p> <p>54.4 max 32.6 min .03 ppt 22 hdd 0 cdd</p> <p>Highest Max 88-1918 Lowest Max 21-1914 Lowest Min 7-1910 Highest Min 52-1956 Greatest ppt .81-1985</p>	<p>Normal 24 Actual</p> <p>53.9 max 32.0 min .05 ppt 22 hdd 0 cdd</p> <p>Highest Max 87-1918 Lowest Max 19-1950 Lowest Min 7-1965 Highest Min 58-1930 Greatest ppt .94-1952</p>	<p>Normal 25 Actual</p> <p>57.8 max 33.9 min .02 ppt 19 hdd 0 cdd</p> <p>Highest Max 84-1917 Lowest Max 27-1950 Lowest Min 10-1960 Highest Min 56-1944 Greatest ppt .74-1956</p>	<p>Normal 26 Actual</p> <p>58.6 max 34.4 min .03 ppt 19 hdd 0 cdd</p> <p>Highest Max 78-1986 Lowest Max 21-1934 Lowest Min 10-1891 Highest Min 59-1981 Greatest ppt 1.34-1903</p>	<p>Normal 27 Actual</p> <p>58.3 max 34.4 min .08 ppt 19 hdd 0 cdd</p> <p>Highest Max 83-1918 Lowest Max 25-1962 Lowest Min 12-1962 Highest Min 56-1991 Greatest ppt 1.32-1966</p>	<p>Normal 28 Actual</p> <p>56.9 max 34.3 min .07 ppt 19 hdd 0 cdd</p> <p>Highest Max 90-1904 Lowest Max 19-1922 Lowest Min 7-1962 Highest Min 62-1904 Greatest ppt .98-1990</p>

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.

<p><b>Normal 1</b> Actual</p> <p>48.0 max 27.0 min .09 ppt 27 hdd 0 cdd</p> <p>Highest Max 90-1911 Lowest Max 15-1951 Lowest Min -7-1979 Highest Min 53-1985 Greatest ppt .63-1958</p>	<p><b>Normal 2</b> Actual</p> <p>46.0 max 26.0 min .02 ppt 29 hdd 0 cdd</p> <p>Highest Max 76-1924 Lowest Max 25-1985 Lowest Min 0-1917 Highest Min 56-1986 Greatest ppt .16-1975</p>	<p><b>Normal 3</b> Actual</p> <p>48.0 max 27.0 min .03 ppt 27 hdd 0 cdd</p> <p>Highest Max 79-1934 Lowest Max 13-1989 Lowest Min 1-1989 Highest Min 59-1985 Greatest ppt .53-1950</p>	<p><b>Normal 4</b> Actual</p> <p>50.0 max 29.0 min .12 ppt 25 hdd 0 cdd</p> <p>Highest Max 77-1982 Lowest Max 15-1989 Lowest Min 2-1989 Highest Min 51-1991 Greatest ppt 2.27-1971</p>	<p><b>Normal 5</b> Actual</p> <p>48.0 max 29.0 min .09 ppt 26 hdd 0 cdd</p> <p>Highest Max 76-1942 Lowest Max 19-1982 Lowest Min 4-1979 Highest Min 47-1974 Greatest ppt 1.36-1984</p>	<p><b>Normal 6</b> Actual</p> <p>46.0 max 27.0 min .04 ppt 28 hdd 0 cdd</p> <p>Highest Max 79-1925 Lowest Max 21-1989 Lowest Min 4-1985 Highest Min 48-1985 Greatest ppt .36-1979</p>	<p><b>Normal 7</b> Actual</p> <p>47.0 max 26.0 min .07 ppt 28 hdd 0 cdd</p> <p>Highest Max 78-1909 Lowest Max 27-1985 Lowest Min 0-1993 Highest Min 49-1970 Greatest ppt .76-1980</p>
<p><b>Normal 8</b> Actual</p> <p>49.0 max 27.0 min .03 ppt 27 hdd 0 cdd</p> <p>Highest Max 76-1990 Lowest Max 16-1971 Lowest Min -5-1933 Highest Min 58-1966 Greatest ppt .28-1965</p>	<p><b>Normal 9</b> Actual</p> <p>49.0 max 28.0 min .06 ppt 26 hdd 0 cdd</p> <p>Highest Max 82-1932 Lowest Max 23-1982 Lowest Min -3-1979 Highest Min 60-1957 Greatest ppt .78-1959</p>	<p><b>Normal 10</b> Actual</p> <p>53.0 max 27.0 min .03 ppt 25 hdd 0 cdd</p> <p>Highest Max 81-1922 Lowest Max 23-1986 Lowest Min -3-1929 Highest Min 48-1993 Greatest ppt .59-1953</p>	<p><b>Normal 11</b> Actual</p> <p>50.0 max 28.0 min .08 ppt 26 hdd 0 cdd</p> <p>Highest Max 77-1951 Lowest Max 21-1981 Lowest Min -3-1981 Highest Min 46-1984 Greatest ppt 1.18-1977</p>	<p><b>Normal 12</b> Actual</p> <p>50.0 max 29.0 min .09 ppt 25 hdd 0 cdd</p> <p>Highest Max 86-1982 Lowest Max 28-1948 Lowest Min 0-1905 Highest Min 47-1952 Greatest ppt 1.78-1978</p>	<p><b>Normal 13</b> Actual</p> <p>53.0 max 29.0 min .03 ppt 24 hdd 0 cdd</p> <p>Highest Max 84-1982 Lowest Max 31-1951 Lowest Min -15-1905 Highest Min 49-1976 Greatest ppt .62-1951</p>	<p><b>Normal 14</b> Actual</p> <p>52.0 max 32.0 min .06 ppt 23 hdd 0 cdd</p> <p>Highest Max 80-1910 Lowest Max 23-1951 Lowest Min -10-1905 Highest Min 59-1954 Greatest ppt 1.91-1951</p>
<p><b>Normal 15</b> Actual</p> <p>51.0 max 31.0 min .08 ppt 24 hdd 0 cdd</p> <p>Highest Max 80-1976 Lowest Max 29-1958 Lowest Min 3-1905 Highest Min 60-1976 Greatest ppt .92-1974</p>	<p><b>Normal 16</b> Actual</p> <p>51.0 max 30.0 min .03 ppt 25 hdd 0 cdd</p> <p>Highest Max 78-1976 Lowest Max 16-1979 Lowest Min 3-1920 Highest Min 60-1976 Greatest ppt .75-1975</p>	<p><b>Normal 17</b> Actual</p> <p>54.0 max 29.0 min .05 ppt 23 hdd 0 cdd</p> <p>Highest Max 79-1907 Lowest Max 19-1993 Lowest Min 9-1993 Highest Min 49-1992 Greatest ppt 1.37-1951</p>	<p><b>Normal 18</b> Actual</p> <p>55.0 max 32.0 min .06 ppt 21 hdd 0 cdd</p> <p>Highest Max 78-1930 Lowest Max 28-1978 Lowest Min 2-1936 Highest Min 60-1971 Greatest ppt 1.35-1974</p>	<p><b>Normal 19</b> Actual</p> <p>55.0 max 31.0 min .07 ppt 21 hdd 0 cdd</p> <p>Highest Max 77-1991 Lowest Max 31-1959 Lowest Min 9-1978 Highest Min 49-1994 Greatest ppt 1.31-1955</p>	<p><b>Normal 20</b> Actual</p> <p>55.0 max 32.0 min .09 ppt 22 hdd 0 cdd</p> <p>Highest Max 89-1981 Lowest Max 33-1978 Lowest Min 9-1918 Highest Min 62-1994 Greatest ppt 1.05-1951</p>	<p><b>Normal 21</b> Actual</p> <p>52.0 max 31.0 min .10 ppt 23 hdd 0 cdd</p> <p>Highest Max 80-1982 Lowest Max 28-1988 Lowest Min 7-1939 Highest Min 58-1985 Greatest ppt 1.08-1971</p>
<p><b>Normal 22</b> Actual</p> <p>54.0 max 31.0 min 1.4 ppt 22 hdd 0 cdd</p> <p>Highest Max 80-1982 Lowest Max 28-1988 Lowest Min 11-1963 Highest Min 57-1985 Greatest ppt 2.99-1985</p>	<p><b>Normal 23</b> Actual</p> <p>55.0 max 33.0 min .07 ppt 21 hdd 0 cdd</p> <p>Highest Max 81-1982 Lowest Max 32-1975 Lowest Min 10-1910 Highest Min 51-1982 Greatest ppt 1.40-1985</p>	<p><b>Normal 24</b> Actual</p> <p>53.0 max 32.0 min .07 ppt 22 hdd 0 cdd</p> <p>Highest Max 85-1918 Lowest Max 24-1965 Lowest Min 8-1985 Highest Min 45-1977 Greatest ppt .86-1952</p>	<p><b>Normal 25</b> Actual</p> <p>57.0 max 33.0 min .02 ppt 20 hdd 0 cdd</p> <p>Highest Max 82-1917 Lowest Max 31-1960 Lowest Min 10-1965 Highest Min 52-1951 Greatest ppt .98-1993</p>	<p><b>Normal 26</b> Actual</p> <p>58.0 max 34.0 min .07 ppt 19 hdd 0 cdd</p> <p>Highest Max 79-1986 Lowest Max 30-1960 Lowest Min 11-1960 Highest Min 58-1981 Greatest ppt 1.25-1984</p>	<p><b>Normal 27</b> Actual</p> <p>58.0 max 35.0 min .16 ppt 19 hdd 0 cdd</p> <p>Highest Max 81-1976 Lowest Max 28-1962 Lowest Min 13-1962 Highest Min 59-1981 Greatest ppt 1.12-1950</p>	<p><b>Normal 28</b> Actual</p> <p>56.0 max 35.0 min .08 ppt 19 hdd 0 cdd</p> <p>Highest Max 82-1972 Lowest Max 22-1962 Lowest Min 6-1962 Highest Min 53-1976 Greatest ppt 2.00-1987</p>

**FEBRUARY AVERAGES**

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