OKLAHOMA
MONTHLY SUMMARY
JANUARY 1995

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MONTHLY SUMMARY FOR JANUARY 1995

This winter's first significant snow finally arrived in Oklahoma during January, providing some variety during a predominantly mild winter. Several locations in the state reported over a foot of snow during the month, but the snow soon melted as warmer air returned quickly each time. Despite the occasional interludes of wintry weather, temperatures in the state were above normal most of the month. The average temperature for the month was 39.7 degrees, 3.3 degrees above normal. The month ranks as the 35th warmest January of the 104 years for which statewide average temperatures are available. The generally wet snow and some locally heavy rain in southeastern Oklahoma provided the state with an average monthly precipitation of 1.97 inches, 0.71 inch greater than normal. Precipitation was generally within a half inch of normal everywhere except the southeastern third of the state, where local monthly totals of 2 to 5 inches above normal were reported.

Light snow dusted much of western and northern Oklahoma on the morning of the 2nd, including a reported 2 inches at Mutual (Woodward County). The month's lowest temperatures were reported in the northwest on the 4th as Mutual and Gage (Ellis) reported overnight lows of 3 degrees and Jefferson (Grant) and Freedom (Woods) reported 4 degrees. Daily maximum temperatures across the state on the 4th were in the 20s and 30s. Light snow, accompanied by small amounts of freezing rain and sleet, was reported in the north and west on the 5th.

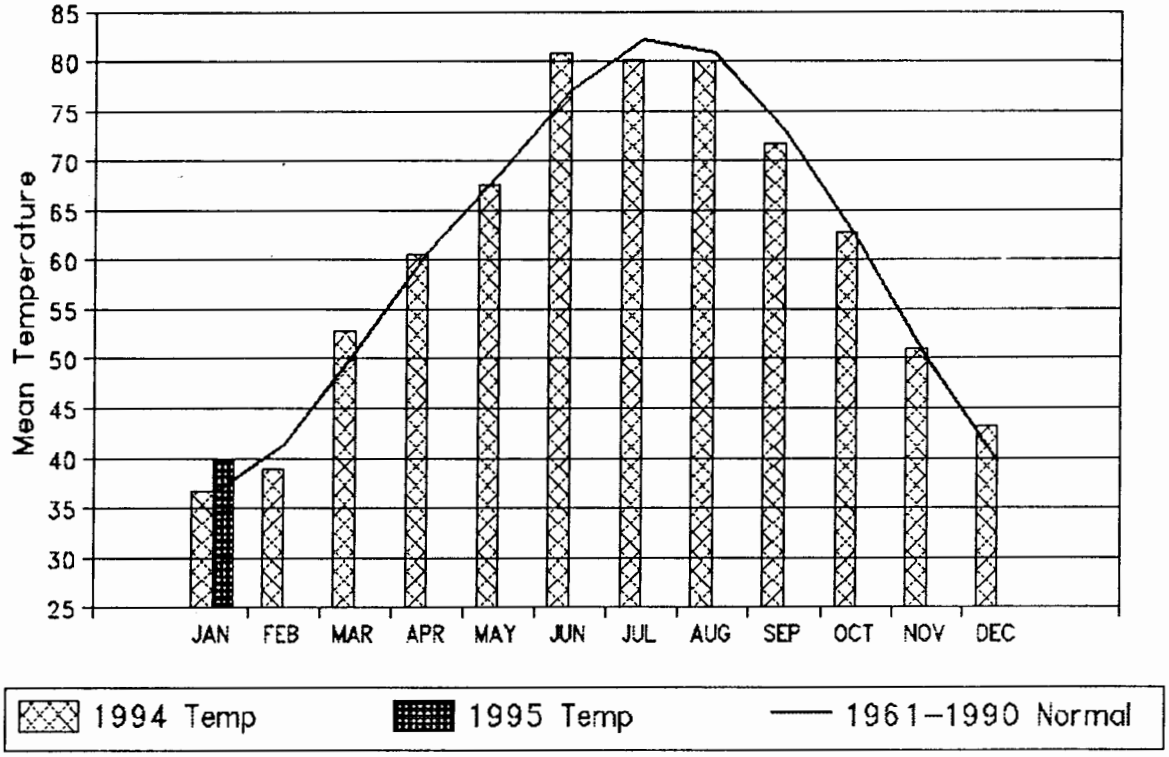
The second episode of winter was preceded by some absolutely balmy weather in southern and western Oklahoma from the 8th through the 11th. Temperatures reached 80 degrees at several locations in the southwest on the 11th, including 83 degrees at Altus Dam (Kiowa) and 82 at Hollis (Harmon) and Frederick (Tillman). Thunderstorms struck eastern Oklahoma on the evening of the 12th, continuing through the night in some areas. Golf ball sized hail was reported at Roland (Sequoyah) and dime-to-quarter sized hailstones were reported at many other locations. Wilburton (Latimer) reported 4.5 inches of rain over two reporting dates and Poteau (LeFlore) noted 3.75 inches over the same period. Another round of thunderstorms moved through central and northeastern Oklahoma on the 16th, producing nickel sized hail in Oklahoma City and dime-sized hail in McClain, Cleveland, Lincoln, Tulsa, Muskogee and Rogers counties.

Northeastern Oklahoma had its turn with snow on the 18th. A reported 12 inches fell overnight at Bluejacket (Craig). National Weather Service Cooperative Observer reports include 8 inches at Kansas (Delaware), 7 inches at Miami (Ottawa) and 6 inches at Vinita (Craig), Pryor (Mayes) and Stilwell (Adair). A blanket of snow fell across much of western and central Oklahoma on the 22nd. Snowfalls of 4 inches or greater were reported from Sweetwater (Beckham) in the southwest extending eastward across the state. Wilburton (Latimer) received 13 inches of snow overnight. Allen (Pontotoc) reported 12 inches. 10 inches fell at Konowa (Seminole) while Rush Springs (Grady) and Purcell (McClain) each received 9 inches. Laverne (Harper) in northwest Oklahoma and Tuskahoma (Pushmataha) in the southeast each reported 7 inches of snow.

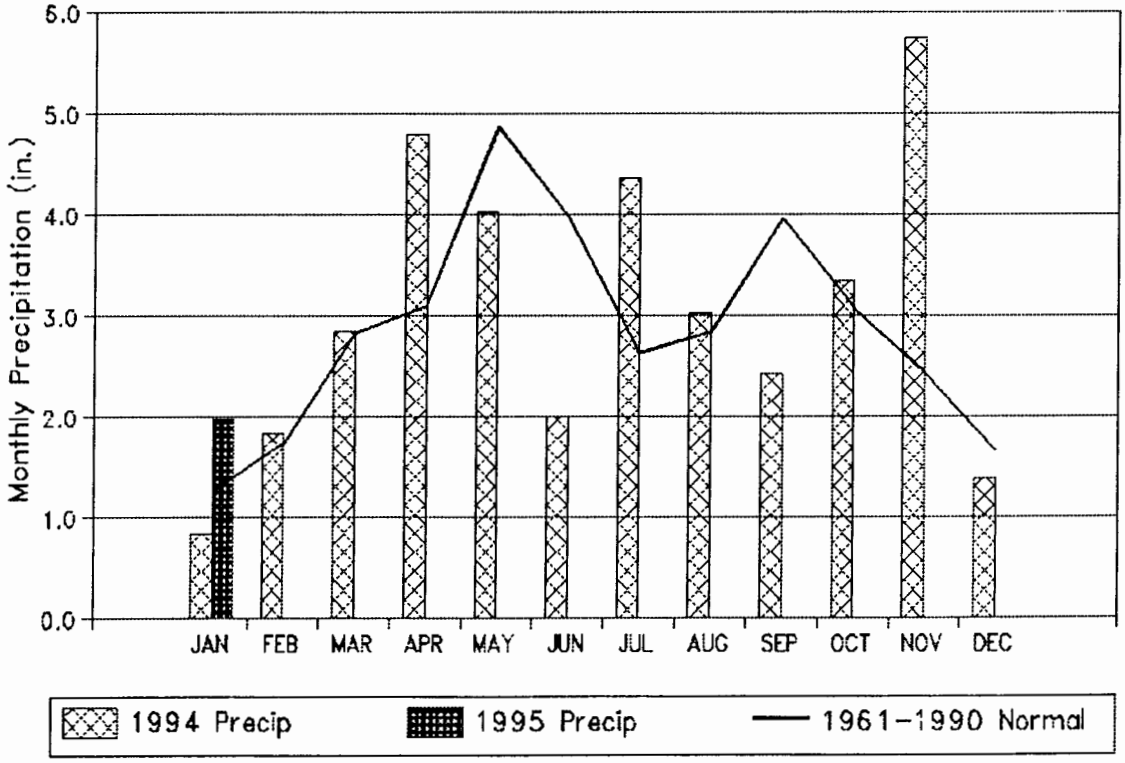
More light snow fell across much of the state on the 29th, including another 2 inches at Wilburton, bringing that station's total snowfall for the month to 15.7 inches, the greatest monthly total recorded there at least since 1948. Wilburton's total precipitation for the month (rain and melted snow) of 7.44 inches, while not a station record, was over 5 inches greater than normal.

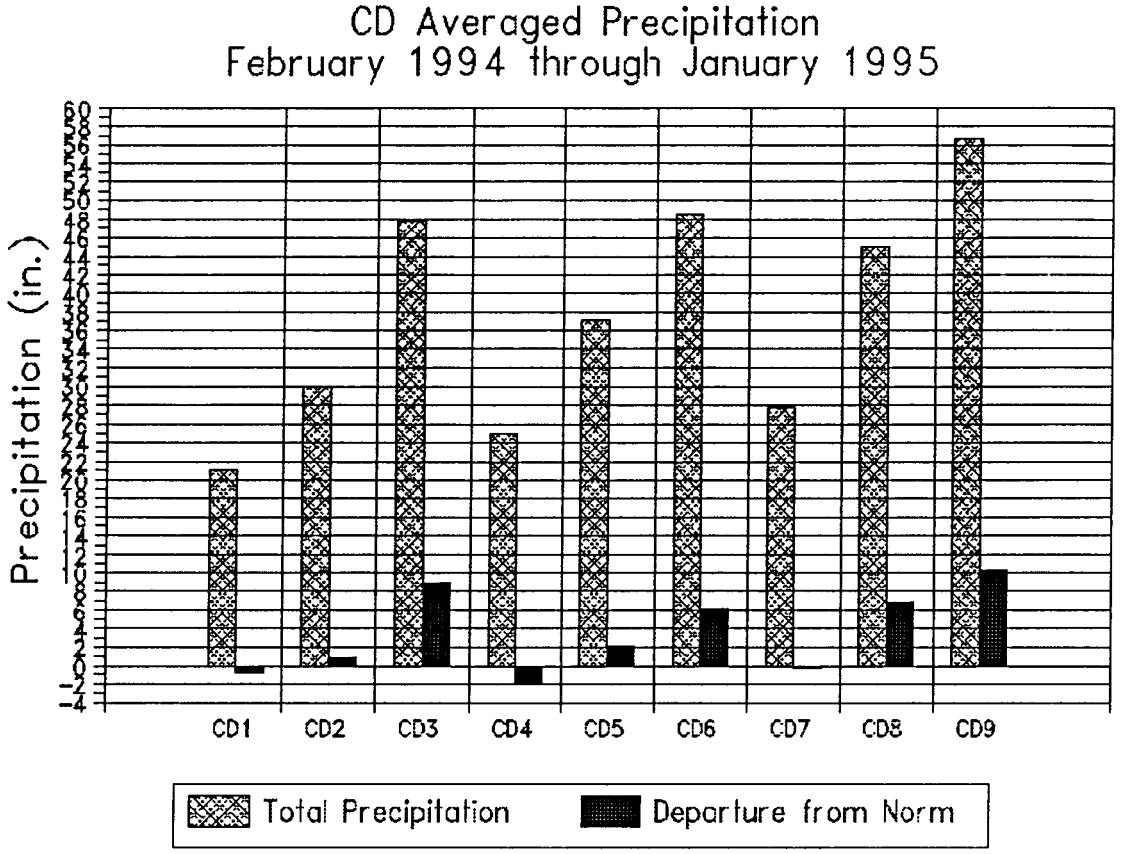
Howard L. Johnson

1994 and 1995 STATEWIDE TEMPERATURES
Monthly Averages

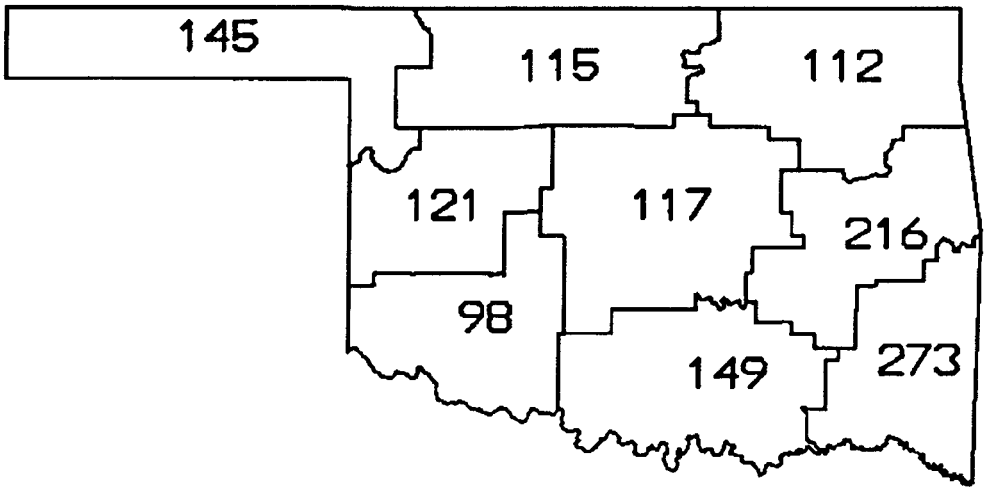


1994 and 1995 STATEWIDE PRECIPITATION
Monthly Totals





CD PERCENT OF NORMAL PRECIPITATION



JANUARY 1995

EXTREME VALUES OF TEMPERATURE AND PRECIPITATION IN EACH CLIMATE DIVISION
JANUARY, 1995

CD	MAX TEMP	DATE	LOCATION	MIN TEMP	DATE	LOCATION	24-HOUR PRECIP	DATE	LOCATION	MONTHLY PRECIP	LOCATION
1	76	12	GOODWELL	3	4	GAGE	.50	28	KENTON	1.19	ARNETT
	76	11	GUYMON								
	76	12	HOOKER								
2	75	11	WAYNOKA	3	4	MUTUAL	.93	17	NEWKIRK	1.54	NEWKIRK
3	72	12	BIXBY	6	5	HULAH DAM	2.70	14	KANSAS	5.40	KANSAS
	72	17	KEYSTONE DAM								
	72	11	RALSTON								
4	80	11	ELK CITY	7	4	CANTON DAM	.93	22	MACKIE	1.82	VICI
	80	11	ERICK	7	4	TALOGA	.93	2	VICI		
	80	12	HAMMON								
	80	11	REYDON								
5	76	12	CHANDLER	8	23	CHICKASHA EX	1.80	22	SEMINOLE	3.65	SEMINOLE
				8	23	PURCELL					
6	77	12	LAKE EUFAULA	9	5	STILWELL	2.46	13	LYONS	6.64	TAHLEQUAH
	77	11	MCCURTAIN								
7	84	11	ALTUS IRR ST	11	23	ANADARKO	1.26	22	APACHE	1.77	APACHE
8	78	12	CHICKASAW NR	9	23	PAULS VALLEY	1.75	27	ALLEN	4.72	FARRIS
9	78	12	IDABEL	13	3	POTEAU	3.50	13	WILBURTON	7.67	HEE MT TWR
	78	12	PINE CREEK D	13	4	POTEAU					
				13	23	TUSKAHOMA					

TABLE OF 1994/1995 COMPARISONS

	JANUARY Temperature (°F)		JANUARY Precipitation (in.)	
Station	1994	1995	1994	1995
Arnett	33.5	35.4	0.54	1.19
Enid	34.1	38.2	0.27	1.34
Mutual	33.3	35.4	0.51	0.90
Tulsa	35.2	39.8	0.68	0.90
Elk City	37.3	40.1	0.43	0.50
Oklahoma City	35.9	38.6	0.21	1.28
McAlester	39.8	42.7	1.85	2.42
Altus Irr Sta	39.6	42.5	0.19	0.63
Durant	39.8	43.2	1.38	2.40
Ada	37.9	41.3	0.91	2.80
Hugo	42.0	45.3	1.19	4.99

EXTREMES

Variable	Station	Division	Observation	Date
Minimum temperature (°F)	Gage	1	3	4
	Mutual	2	3	4
Maximum temperature (°F)	Altus Irr	7	84	11
Maximum 24-hour precipitation	Wilburton	9	3.50"	13

JANUARY 1995 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	35.4	31	2.9	73.	12	10.	7	917.5	-90.5	.0	.0	1.191	31	.73	.43	22
BEAVER	593	1	35.4	31	3.8	75.	12	9.	7	917.5	-117.5	.0	.0	.271	31	-.13	.10	3
BOISE CITY 2 E	908	1	38.0	31	3.8	75.	15	9.	1	838.5	-116.5	.0	.0	.126	31	-.17	.09	27
BUFFALO	1243	1	39.2	30	4.6	74.	11	9.	4	775.0	-167.0	.0	.0	.500	31	.01	.30	26
FARGO	3070	1	*****	0	*****	****	0	****	0	******	******	******	******	.841	31	.37	.30	22
GAGE FAA APT	3407	1	36.7	31	2.4	75.	11	3.	4	876.0	-76.0	.0	.0	.664	31	.25	.31	22
GATE	3489	1	36.6	31	4.2	73.	12	11.	8	881.0	-130.0	.0	.0	.733	31	.18	.20	28
GOODWELL RES ST	3628	1	37.3	31	5.4	76.	12	12.	1	857.5	-168.5	.0	.0	.063	31	-.21	.06	27
GUYMON	3835	1	37.7	26	*****	76.	11	12.	7	709.5	******	.0	******	.087	27	*****	.08	26
HOOKER	4298	1	36.2	31	3.3	76.	12	11.	1	894.0	-101.0	.0	.0	.085	31	-.30	.04	27
KENTON	4766	1	37.6	30	5.2	73.	15	11.	22	822.5	-188.5	.0	.0	.500	31	.22	.50	28
LAVERNE	5045	1	*****	0	*****	****	0	****	0	******	******	******	******	.670	31	.14	.18	28
REGNIER	7534	1	*****	0	*****	****	0	****	0	******	******	******	******	.034	31	-.27	.02	3
TURPIN 4 SSE	9017	1	33.9	30	*****	72.	12	12.	8	933.5	******	.0	******	.081	31	*****	.04	3

JANUARY 1995 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	37.0	31	*****	64.	31	9.	4	869.5	******	.0	******	1.450	31	*****	.60	1
VANCE AFB	302	2	*****	0	*****	****	0	****	0	******	******	******	******	.922	29	*****	.42	26
BILLINGS	755	2	34.6	31	1.8	68.	12	6.	4	943.0	-55.0	.0	.0	1.242	31	.24	.38	1
BLACKWELL 2E	818	2	38.9	31	6.0	64.	15	10.	4	808.5	-186.5	.0	.0	1.022	31	.08	.35	27
BRAMAN	1075	2	*****	0	*****	****	0	****	0	******	******	******	******	.812	31	*****	.40	1
CHEROKEE	1724	2	37.0	29	*****	63.	15	11.	4	813.0	******	.0	******	.650	31	-.20	.65	26
ENID	2912	2	38.2	31	3.1	71.	11	8.	4	829.5	-97.5	.0	.0	1.340	31	.38	.30	27
FT SUPPLY DAM	3304	2	36.0	31	3.8	74.	12	5.	4	899.0	-118.0	.0	.0	.670	31	.22	.20	27
FREEDOM	3358	2	34.0	31	.0	73.	12	4.	4	960.0	-1.0	.0	.0	1.300	31	.76	.58	1
GREAT SALT PLNS	3740	2	37.6	21	*****	63.	16	9.	4	576.0	******	.0	******	.643	24	*****	.33	27
HARDY	3909	2	*****	0	*****	****	0	****	0	******	******	******	******	.787	31	*****	.60	26
HELENA 1 SSE	4019	2	35.1	31	3.3	66.	12	8.	4	927.0	-102.0	.0	.0	1.193	31	.42	.38	22
JEFFERSON	4573	2	36.4	31	2.3	63.	15	4.	4	885.5	-72.5	.0	.0	.711	31	-.14	.30	21
LAMONT	5013	2	*****	0	*****	****	0	****	0	******	******	******	******	.864	31	*****	.32	1
MEDFORD	5768	2	*****	0	*****	****	0	****	0	******	******	******	******	.860	31	*****	.28	26
MORRISON	6065	2	*****	0	*****	****	0	****	0	******	******	******	******	.640	31	*****	.23	17
MUTUAL	6139	2	35.4	31	2.9	73.	11	3.	4	918.0	-90.0	.0	.0	.900	31	.30	.48	22
NEWKIRK	6278	2	35.9	31	2.7	60.	15	8.	4	901.5	-84.5	.0	.0	1.543	31	.67	.93	17
ORIENTA	6751	2	*****	0	*****	****	0	****	0	******	******	******	******	.250	31	-.46	.15	27
PERRY	7012	2	39.7	31	4.0	72.	11	10.	4	785.5	-122.5	.0	.0	1.062	31	.12	.30	22
PONCA CITY FAA	7201	2	36.8	30	4.4	63.	11	9.	4	845.0	-166.0	.0	.0	.462	31	-.57	.12	26
RED ROCK 1 NNE	7505	2	*****	0	*****	****	0	****	0	******	******	******	******	.860	31	-.04	.30	1
WAYNOKA	9404	2	37.3	31	2.4	75.	11	8.	4	859.0	-74.0	.0	.0	1.170	31	.53	.44	1
WOODWARD	9760	2	*****	0	*****	****	0	****	0	******	******	******	******	.644	31	.10	.35	22

JANUARY 1995 SUMMARY FOR NORTHEAST DIVISION (CD3)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
BARNSDALL	535	3	37.7	30	3.1	69.	10	8.	4	819.0	-123.0	.0	.0	.905	31	-.49	.30	5
BARTLESVILLE 2W	548	3	38.1	31	3.4	67.	11	10.	5	832.5	-106.5	.0	.0	.842	31	-.43	.29	1
BIXBY	782	3	37.9	28	*****	72.	12	14.	5	759.0	******	.0	******	1.880	31	.31	1.28	26
BURBANK	1256	3	*****	0	*****	****	0	****	0	******	******	******	******	.611	31	-.53	.29	16
CHELSEA 4 S	1717	3	*****	0	*****	****	0	****	0	******	******	******	******	.670	31	*****	.30	27
CLAREMORE	1828	3	37.1	31	4.0	71.	12	11.	5	865.5	-123.5	.0	.0	1.540	31	-.06	.48	19
CLEVELAND 5 WSW	1902	3	39.6	31	*****	71.	11	9.	4	786.0	******	.0	******	1.111	31	*****	.29	1
FORAKER	3250	3	*****	0	*****	****	0	****	0	******	******	******	******	.850	31	-.17	.30	1
HOLLOW	4258	3	*****	0	*****	****	0	****	0	******	******	******	******	.750	31	-.73	.45	6
HOMINY	4289	3	*****	0	*****	****	0	****	0	******	******	******	******	.634	31	-.62	.38	1
HULAH DAM	4393	3	34.7	18	*****	62.	25	6.	5	545.0	******	.0	******	.673	24	*****	.31	17
JAY TOWER	4567	3	37.8	31	*****	71.	12	8.	5	842.0	******	.0	******	4.350	31	*****	1.80	14
KANSAS 1 ESE	4672	3	39.3	31	3.3	70.	11	9.	4	796.5	-102.5	.0	.0	5.405	31	3.24	2.70	14
KEYSTONE DAM	4812	3	37.4	21	*****	72.	17	11.	5	579.5	******	.0	******	.830	21	*****	.30	19
LENAPAH	5118	3	*****	0	*****	****	0	****	0	******	******	******	******	1.330	31	*****	.39	27
MANNFORD 6 NW	5522	3	39.5	31	4.0	71.	11	9.	4	791.5	-123.5	.0	.0	.932	31	-.39	.25	17
MARAMEC	5540	3	*****	0	*****	****	0	****	0	******	******	******	******	.641	31	-.63	.22	17
MIAMI	5855	3	37.0	31	4.3	70.	11	9.	4	866.5	-134.5	.0	.0	2.820	31	1.07	1.20	14
OOLOGAH DAM	6729	3	37.8	31	*****	71.	12	8.	4	843.5	******	.0	******	.955	31	*****	.35	19
PAWHUSKA	6935	3	37.1	31	3.0	69.	11	9.	4	864.5	-93.5	.0	.0	1.224	31	-.06	.31	1
PAWNEE	6940	3	*****	0	*****	****	0	****	0	******	******	******	******	.742	31	-.48	.18	17
PRYOR 6 N	7309	3	36.3	30	3.3	70.	12	9.	5	860.5	-131.5	.0	.0	2.133	31	.38	.77	19
RALSTON	7390	3	38.4	31	3.7	72.	11	10.	6	825.0	-114.0	.0	.0	.551	31	-.60	.15	28
RAMONA 4 N	7394	3	*****	0	*****	****	0	****	0	******	******	******	******	.780	31	*****	.78	28
SKIATOOK	8258	3	*****	0	*****	****	0	****	0	******	******	******	******	.950	31	-.42	.23	1
SPAVINAW	8380	3	41.1	31	4.6	71.	11	11.	4	739.5	-144.5	.0	.0	4.503	31	2.80	2.21	14
TULSA WSO APT	8992	3	39.8	31	4.6	70.	11	13.	4	780.0	-144.0	.0	.0	.903	31	-.64	.21	26
UPPER SPAVINAW	9101	3	38.3	27	*****	65.	11	11.	5	721.5	******	.0	******	3.971	31	*****	2.25	14
VINITA 2 N	9203	3	38.5	29	*****	69.	11	8.	4	769.0	******	.0	******	2.073	31	.27	.70	14
WAGONER	9247	3	39.9	31	3.1	71.	11	12.	4	777.0	-97.0	.0	.0	4.141	31	2.18	1.20	14
WANN	9298	3	*****	0	*****	****	0	****	0	******	******	******	******	.880	31	*****	.23	1
WYNONA	9792	3	*****	0	*****	****	0	****	0	******	******	******	******	.685	31	*****	.21	1

JANUARY 1995 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	37.1	27	*****	75.	12	7.	4	752.5	******	.0	******	.822	29	*****	.51	22
CLINTON	1909	4	38.9	31	2.3	74.	11	14.	23	810.5	-69.5	.0	.0	.854	31	-.09	.52	22
COLONY	2039	4	*****	0	*****	****	0	****	0	******	******	******	******	.842	31	*****	.61	22
CORDELL	2125	4	*****	0	*****	****	0	****	0	******	******	******	******	.763	31	-.15	.43	22
ELK CITY 1 E	2849	4	40.1	31	3.9	80.	11	15.	8	770.5	-122.5	.0	.0	.500	31	-.19	.30	30
ERICK 4 E	2944	4	40.8	31	4.2	80.	11	8.	7	751.0	-129.0	.0	.0	.660	31	.13	.32	22
GEARY	3497	4	41.1	31	5.5	73.	11	18.	5	740.0	-171.0	.0	.0	.710	31	-.05	.67	22
HAMMON 1 NNE	3871	4	36.5	31	3.0	80.	12	13.	8	885.0	-92.0	.0	.0	.780	31	.10	.54	22
LEEDEY	5090	4	*****	0	*****	****	0	****	0	******	******	******	******	.930	31	.44	.61	26
MACKIE 4 NNW	5463	4	*****	0	*****	****	0	****	0	******	******	******	******	1.220	31	*****	.93	22
MORAVIA 2 NNE	6035	4	*****	0	*****	****	0	****	0	******	******	******	******	.652	31	-.06	.37	22
OKEENE	6629	4	38.1	31	1.9	74.	11	9.	4	832.5	-60.5	.0	.0	1.270	31	.50	.70	22
RETROP	7565	4	*****	0	*****	****	0	****	0	******	******	******	******	.780	31	*****	.45	22
REYDON	7579	4	48.9	31	13.4	80.	11	28.	7	498.0	-417.0	.0	.0	.362	31	-.10	.17	26
SAYRE	7952	4	*****	0	*****	****	0	****	0	******	******	******	******	.772	31	.30	.45	22
SWEETWATER 2 E	8652	4	*****	0	*****	****	0	****	0	******	******	******	******	.284	31	*****	.18	26
TALOGA	8708	4	37.4	31	2.6	76.	11	7.	4	857.0	-79.0	.0	.0	1.045	31	.35	.52	22
THOMAS	8815	4	*****	0	*****	****	0	****	0	******	******	******	******	1.150	31	*****	.70	23
VICI	9172	4	*****	0	*****	****	0	****	0	******	******	******	******	1.820	31	1.09	.93	2
WATONGA	9364	4	37.8	31	2.4	74.	11	9.	4	843.0	-75.0	.0	.0	1.250	31	.30	.67	22
WEATHERFORD	9422	4	39.3	29	*****	72.	11	16.	3	745.5	******	.0	******	.680	30	*****	.51	22

JANUARY 1995 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	******	******	******	******	.920	31	*****	.48	22
ARCADIA	288	5	*****	0	*****	****	0	****	0	******	******	******	******	.520	31	*****	.52	18
TINKER AFB	325	5	*****	0	*****	****	0	****	0	******	******	******	******	1.497	31	*****	.53	22
BLANCHARD 2 SSW	830	5	40.9	31	2.6	73.	11	15.	7	747.0	-81.0	.0	.0	1.501	31	.39	.62	27
BRISTOW	1144	5	40.6	31	3.8	74.	11	12.	5	757.0	-117.0	.0	.0	1.691	31	.31	.33	22
CHANDLER	1684	5	41.8	28	*****	76.	12	12.	4	650.5	******	.0	******	.701	31	-.57	.70	22
CHICKASHA EX ST	1750	5	39.5	28	*****	72.	11	8.	23	715.0	******	.0	******	1.560	31	.53	.69	22
COX CITY 1 E	2196	5	*****	0	*****	****	0	****	0	******	******	******	******	1.770	31	*****	.51	27
CRESCENT	2242	5	*****	0	*****	****	0	****	0	******	******	******	******	.890	31	*****	.38	22
CUSHING	2318	5	37.4	31	3.2	73.	12	12.	4	854.5	-100.5	.0	.0	1.482	31	.35	.75	22
EL RENO 1 N	2818	5	39.7	31	4.0	73.	11	12.	4	783.5	-124.5	.0	.0	.880	31	-.12	.60	22
GUTHRIE	3821	5	40.7	31	4.4	74.	11	13.	4	754.5	-135.5	.0	.0	2.182	31	1.03	1.00	6
HENNESSEY 4 ESE	4055	5	36.6	29	*****	62.	15	9.	23	823.5	******	.0	******	1.061	31	.20	.41	22
INGALLS	4489	5	*****	0	*****	****	0	****	0	******	******	******	******	.843	31	*****	.32	22
KINGFISHER 2 SE	4861	5	37.5	31	1.5	73.	11	11.	4	851.0	-48.0	.0	.0	1.143	31	.14	.60	22
KONAWA	4915	5	*****	0	*****	****	0	****	0	******	******	******	******	1.210	31	-.30	.53	22
MARSHALL	5589	5	*****	0	*****	****	0	****	0	******	******	******	******	.670	31	-.21	.41	22
MEEKER 4 W	5779	5	40.7	29	*****	73.	11	13.	4	704.0	******	.0	******	1.400	31	.36	.98	26
MULHALL	6110	5	*****	0	*****	****	0	****	0	******	******	******	******	.760	31	*****	.42	22
NORMAN 3 S	6386	5	41.0	31	3.2	74.	11	15.	23	744.0	-99.0	.0	.0	2.053	31	.73	.57	29
OILTON 2 SE	6616	5	*****	0	*****	****	0	****	0	******	******	******	******	.500	31	*****	.37	21
OKEMAH	6638	5	43.6	31	6.1	75.	11	17.	5	664.0	-189.0	.0	.0	2.551	31	1.10	.82	27
OKLAHOMA CTY WS	6661	5	38.6	31	2.7	71.	11	15.	5	818.0	-84.0	.0	.0	1.284	31	.15	.61	26
PERKINS	7003	5	*****	0	*****	****	0	****	0	******	******	******	******	.730	31	-.44	.58	17
PIEDMONT	7068	5	*****	0	*****	****	0	****	0	******	******	******	******	1.110	31	*****	.73	22
PRAGUE	7264	5	*****	0	*****	****	0	****	0	******	******	******	******	1.551	31	.12	.60	24
PURCELL 5 SW	7327	5	40.2	31	2.8	73.	11	8.	23	768.5	-87.5	.0	.0	2.497	31	1.16	.92	22
SEMINOLE	8042	5	42.2	31	3.4	74.	11	15.	5	707.5	-104.5	.0	.0	3.650	31	2.17	1.80	22
SHAWNEE	8110	5	*****	0	*****	****	0	****	0	******	******	******	******	1.372	31	.00	.65	27
STILLWATER 2 W	8501	5	38.3	31	4.7	73.	12	10.	4	827.5	-145.5	.0	.0	1.023	31	-.13	.46	22
STROUD 1 N	8563	5	*****	0	*****	****	0	****	0	******	******	******	******	1.464	31	*****	.37	22
TECUMSEH	8751	5	*****	0	*****	****	0	****	0	******	******	******	******	.810	31	*****	.60	27
TROUSDALE	8960	5	*****	0	*****	****	0	****	0	******	******	******	******	1.800	31	*****	1.05	16
UNION CITY 1 SE	9086	5	*****	0	*****	****	0	****	0	******	******	******	******	.954	31	-.41	.32	22
WELTY 1 SSE	9479	5	*****	0	*****	****	0	****	0	******	******	******	******	1.595	31	*****	.48	22
WEWOKA	9575	5	*****	0	*****	****	0	****	0	******	******	******	******	2.570	31	1.12	.77	19

JANUARY 1995 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	******	******	******	******	3.231	31	*****	1.06	27
BEGGS	631	6	*****	0	*****	****	0	****	0	******	******	******	******	2.030	31	*****	.55	22
BOYNTON	1027	6	*****	0	*****	****	0	****	0	******	******	******	******	2.602	26	*****	.76	19
CALVIN	1391	6	*****	0	*****	****	0	****	0	******	******	******	******	2.410	31	.81	1.00	21
CHECOTAH	1711	6	*****	0	*****	****	0	****	0	******	******	******	******	3.232	31	1.60	.97	19
CLAYTON 14 WNW	1858	6	*****	0	*****	****	0	****	0	******	******	******	******	4.930	31	*****	1.17	19
DUSTIN	2690	6	*****	0	*****	****	0	****	0	******	******	******	******	2.790	31	*****	.93	27
HANNA	3884	6	41.6	31	3.6	74.	11	13.	5	725.5	-111.5	1.0	1.0	2.911	31	1.18	.84	19
HARTSHORNE	3946	6	*****	0	*****	****	0	****	0	******	******	******	******	5.120	31	*****	1.36	13
HASKELL	3956	6	*****	0	*****	****	0	****	0	******	******	******	******	2.210	31	.35	.64	21
HOLDENVILLE	4235	6	41.9	31	3.6	76.	11	14.	23	715.0	-113.0	.0	.0	2.972	31	1.56	.96	27
LAKE EUFAULA	4975	6	39.2	25	*****	77.	12	13.	4	645.0	******	.0	******	3.750	23	*****	1.40	14
LYONS 2 N	5437	6	*****	0	*****	****	0	****	0	******	******	******	******	4.851	31	3.06	2.46	13
MCALESTER FAA	5664	6	42.7	31	5.1	75.	12	12.	23	696.0	-153.0	3.5	3.5	2.421	31	.43	.61	26
MCCURTAIN 1 SE	5693	6	43.6	31	4.3	77.	11	16.	4	669.0	-128.0	6.0	6.0	6.164	31	4.00	2.39	14
MUSKOGEE	6130	6	40.8	31	3.5	73.	11	14.	5	750.0	-109.0	.0	.0	3.030	31	1.23	.88	18
OKMULGEE W W	6670	6	37.6	30	2.8	74.	12	12.	6	821.5	-114.5	.0	.0	1.953	31	.32	.98	27
OKTAHA 2 NE	6678	6	*****	0	*****	****	0	****	0	******	******	******	******	3.040	31	*****	.94	14
SHORT	8170	6	*****	0	*****	****	0	****	0	******	******	******	******	5.630	31	*****	1.60	14
STILWELL 1 NE	8506	6	39.3	31	2.9	71.	11	9.	5	797.0	-90.0	.0	.0	6.170	31	4.09	1.87	14
TAHLEQUAH	8677	6	39.8	31	3.5	72.	11	10.	7	782.0	-108.0	.0	.0	6.641	31	4.63	2.40	13
WEBBERS FALLS	9445	6	38.5	31	3.2	75.	12	14.	5	820.5	-100.5	.0	.0	4.662	31	2.85	1.95	14
WESTVILLE	9523	6	*****	0	*****	****	0	****	0	******	******	******	******	3.600	31	*****	1.65	14
WETUMKA 3 NE	9571	6	*****	0	*****	****	0	****	0	******	******	******	******	2.980	31	1.49	1.43	27

JANUARY 1995 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	42.5	31	3.0	84.	11	18.	7	697.5	-93.5	.0	.0	.630	31	-.21	.30	22
ALTUS DAM	184	7	40.6	31	4.2	83.	12	16.	7	757.5	-129.5	.0	.0	1.300	31	.53	.82	22
ANADARKO	224	7	39.7	22	*****	75.	11	11.	23	556.0	******	.0	******	.330	31	-.70	.30	22
APACHE	260	7	*****	0	*****	****	0	****	0	******	******	******	******	1.770	31	.67	1.26	22
ALTUS AFB	447	7	*****	0	*****	****	0	****	0	******	******	******	******	.492	31	*****	.21	22
CARNEGIE 2 ENE	1504	7	39.3	31	2.5	75.	11	14.	2	797.5	-76.5	.0	.0	.241	31	-.69	.15	26
CHATTANOOGA	1706	7	42.2	30	3.5	80.	11	15.	7	684.0	-131.0	.0	.0	.451	31	-.51	.26	27
DUNCAN 11 W	2668	7	*****	0	*****	****	0	****	0	******	******	******	******	1.604	31	*****	.72	27
FREDERICK	3353	7	41.0	31	3.3	82.	12	18.	7	745.5	-100.5	.0	.0	.960	31	.05	.47	23
HEADRICK	3998	7	*****	0	*****	****	0	****	0	******	******	******	******	.940	31	*****	.35	21
HOBART FAA APT	4204	7	40.4	31	3.4	79.	11	17.	23	763.5	-104.5	.0	.0	.672	31	-.11	.37	22
HOLLIS	4249	7	41.9	31	3.4	82.	11	18.	7	716.5	-105.5	.0	.0	.740	31	.15	.38	22
LAWTON	5063	7	40.2	27	*****	72.	11	14.	7	670.5	******	.0	******	.981	31	-.08	.36	21
FORT SILL	5068	7	42.3	30	*****	81.	11	18.	7	680.5	******	.0	******	1.053	31	*****	.51	22
LOOKEBA 2 ENE	5329	7	*****	0	*****	****	0	****	0	******	******	******	******	.821	31	-.16	.46	22
MANGUM RES STA	5509	7	40.7	31	2.5	81.	11	14.	23	753.5	-77.5	.0	.0	1.130	31	.38	.73	22
RANDLETT 9 E	7403	7	*****	0	*****	****	0	****	0	******	******	******	******	1.160	31	*****	.49	27
ROOSEVELT	7727	7	*****	0	*****	****	0	****	0	******	******	******	******	.880	31	.02	.58	22
SEDAN	8016	7	*****	0	*****	****	0	****	0	******	******	******	******	.612	31	*****	.51	22
SNYDER	8299	7	*****	0	*****	****	0	****	0	******	******	******	******	.683	31	-.22	.36	22
VINSON 3 WNW	9212	7	*****	0	*****	****	0	****	0	******	******	******	******	.481	31	.00	.20	22
WALTERS	9278	7	43.3	30	3.7	76.	11	18.	7	651.0	-136.0	.0	.0	1.670	31	.30	.64	26
WICHITA MT WLR	9629	7	39.0	30	3.4	80.	12	13.	7	779.5	-131.5	.0	.0	.740	31	-.44	.17	22
WILLOW	9668	7	*****	0	*****	****	0	****	0	******	******	******	******	.692	31	*****	.40	22

JANUARY 1995 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

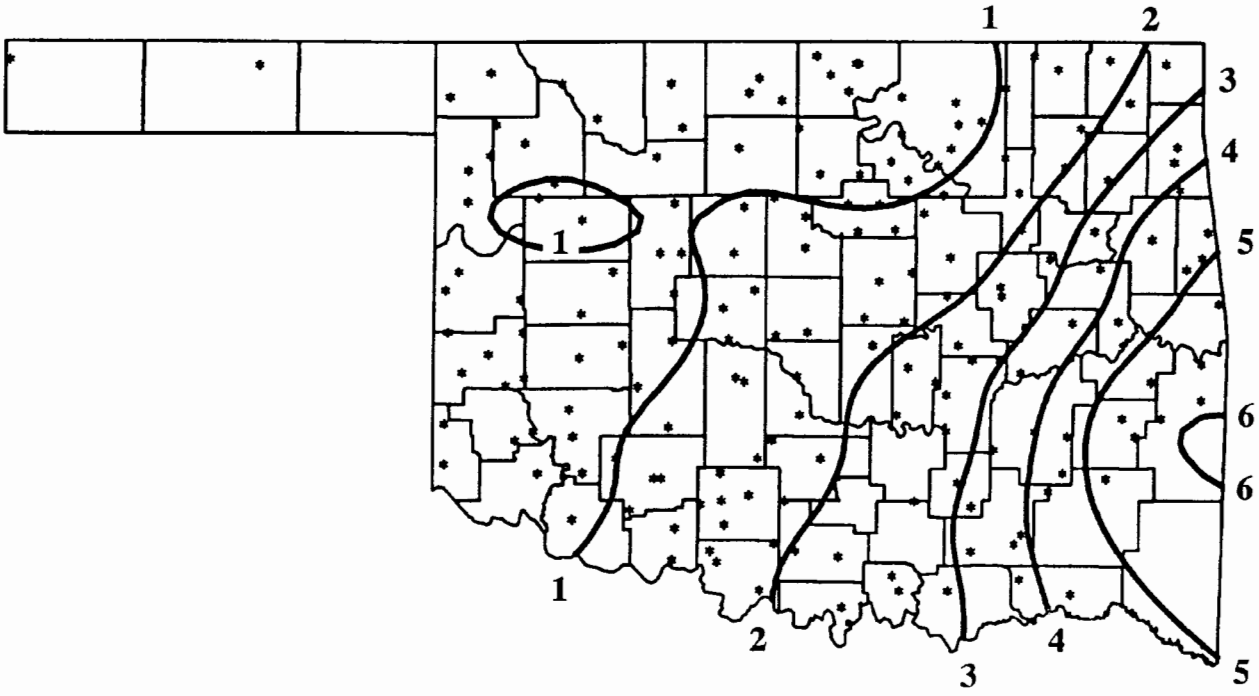
NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ADA	17	8	41.3	31	2.3	75.	11	16.	8	735.5	-70.5	.0	.0	2.801	31	1.34	.90	27
ALLEN	147	8	*****	0	*****	****	0	****	0	******	******	******	******	2.270	31	*****	1.75	27
ARDMORE	292	8	45.0	30	3.3	76.	11	17.	7	601.0	-121.0	.0	.0	3.060	31	1.60	1.26	30
ATOKA DAM	394	8	44.2	20	*****	77.	12	17.	5	417.5	******	.5	******	2.762	20	*****	.73	23
CANEY	1437	8	*****	0	*****	****	0	****	0	******	******	******	******	2.850	31	*****	.79	19
CENTRAHOMA	1648	8	*****	0	*****	****	0	****	0	******	******	******	******	2.050	31	*****	.75	27
CHICKASAW NRA	1745	8	43.9	31	7.2	78.	12	20.	23	655.5	-221.5	.0	.0	1.870	31	.43	.63	27
COLEMAN	2011	8	*****	0	*****	****	0	****	0	******	******	******	******	1.500	31	*****	1.10	27
COMANCHE	2054	8	*****	0	*****	****	0	****	0	******	******	******	******	1.550	31	.32	.60	27
DAISY 4 ENE	2354	8	*****	0	*****	****	0	****	0	******	******	******	******	4.144	31	1.82	1.30	13
DUNCAN	2660	8	40.9	29	*****	74.	12	18.	7	699.5	******	.0	******	1.811	31	.62	.53	27
DURANT USDA	2678	8	43.2	31	5.0	75.	13	18.	5	675.5	-155.5	.0	.0	2.400	31	.40	.76	19
ELMORE CITY	2872	8	*****	0	*****	****	0	****	0	******	******	******	******	2.130	31	*****	.79	27
FARRIS 3 WNW	3083	8	*****	0	*****	****	0	****	0	******	******	******	******	4.720	31	2.60	1.38	13
GRADY	3688	8	*****	0	*****	****	0	****	0	******	******	******	******	1.640	31	*****	.78	26
HEALDTON	4001	8	43.2	31	3.8	76.	11	17.	7	676.5	-117.5	.0	.0	1.941	31	.53	.63	27
HENNEPIN	4052	8	*****	0	*****	****	0	****	0	******	******	******	******	2.271	31	*****	.88	27
KETCHUM RANCH	4780	8	*****	0	*****	****	0	****	0	******	******	******	******	1.390	31	*****	.89	26
KINGSTON	4865	8	*****	0	*****	****	0	****	0	******	******	******	******	1.840	31	-.11	.72	27
LEHIGH	5108	8	*****	0	*****	****	0	****	0	******	******	******	******	3.355	31	*****	1.05	19
LINDSAY 2 W	5216	8	40.4	31	2.2	73.	11	14.	24	763.0	-68.0	.0	.0	1.925	31	.65	.74	22
LOCO 6 SE	5247	8	*****	0	*****	****	0	****	0	******	******	******	******	1.710	31	*****	.87	27
MADILL	5468	8	44.5	31	4.1	74.	10	19.	7	637.5	-125.5	1.0	1.0	1.981	31	.13	.80	17
MARIETTA	5563	8	45.5	31	4.8	76.	11	19.	7	604.0	-149.0	.0	.0	2.290	31	.85	.68	26
MARLOW 1 WSW	5581	8	43.2	31	4.8	76.	11	15.	7	676.5	-148.5	.0	.0	1.590	31	.52	.55	27
MCGEE CREEK DAM	5713	8	42.6	30	*****	75.	13	18.	5	671.5	******	.0	******	4.340	31	*****	1.21	13
PAULS VALLEY	6926	8	41.4	31	2.6	77.	11	9.	23	731.0	-81.0	.0	.0	1.730	31	.26	.75	27
PONTOTOC	7214	8	*****	0	*****	****	0	****	0	******	******	******	******	2.390	31	.85	.88	26
TISHOMINGO NWLR	8884	8	43.5	18	*****	73.	12	17.	5	386.5	******	.0	******	2.160	20	*****	.65	26
TUSSY	9032	8	*****	0	*****	****	0	****	0	******	******	******	******	1.640	31	*****	.60	27
WAURIKA	9395	8	45.3	31	4.8	76.	11	19.	7	609.5	-150.5	.0	.0	3.251	31	2.15	1.50	22
WAURIKA DAM	9399	8	43.1	20	*****	77.	12	19.	5	438.0	******	.0	******	1.451	31	*****	.60	27

JANUARY 1995 SUMMARY FOR SOUTHEAST DIVISION (CD9)

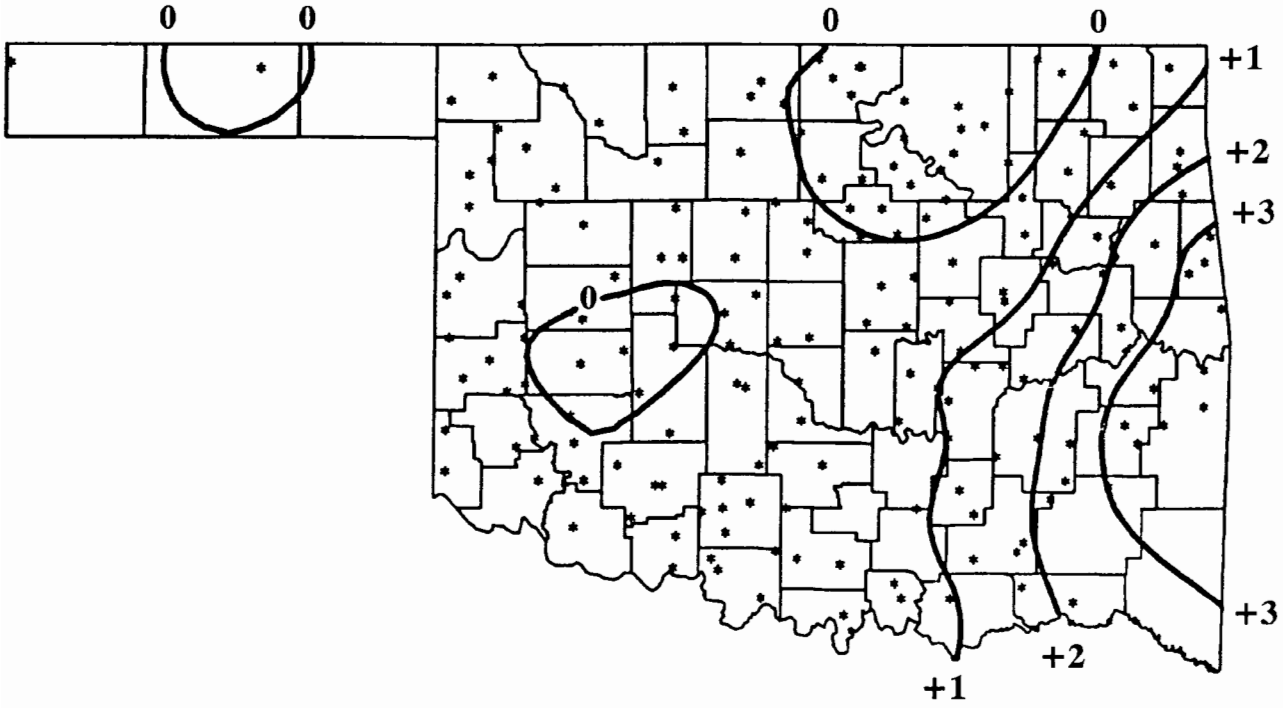
NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ANTLERS	256	9	43.1	31	2.9	74.	12	16.	2	682.5	-86.5	2.5	2.5	******	0	*****	*****	0
BATTIEST 1 SSW	567	9	41.3	30	*****	72.	11	14.	2	709.5	******	.0	******	5.550	31	*****	1.55	13
BEAR MT TWR	584	9	40.1	18	*****	65.	28	19.	2	448.0	******	.0	******	4.201	20	*****	1.02	15
BENGAL	670	9	*****	0	*****	****	0	****	0	******	******	******	******	6.610	31	*****	1.99	14
BOSWELL 4 NNW	980	9	45.4	31	5.0	76.	11	17.	5	612.0	-151.0	3.0	3.0	3.251	31	1.21	.90	19
BROKEN BOW 1 N	1162	9	*****	0	*****	****	0	****	0	******	******	******	******	5.660	31	3.10	1.63	13
BROKEN BOW DAM	1168	9	43.4	31	4.1	76.	11	22.	24	668.5	-128.5	.0	.0	6.480	31	3.60	2.00	12
CARNASAW TWR	1499	9	*****	0	*****	****	0	****	0	******	******	******	******	6.101	31	3.28	2.35	13
CARTER TWR	1544	9	*****	0	*****	****	0	****	0	******	******	******	******	7.110	31	4.52	2.65	13
FANSHAWE	3065	9	*****	0	*****	****	0	****	0	******	******	******	******	6.201	31	4.02	2.37	14
HEE MT TWR	4017	9	*****	0	*****	****	0	****	0	******	******	******	******	7.670	31	4.98	3.47	13
HUGO	4384	9	45.3	31	3.4	76.	11	20.	4	615.5	-100.5	4.5	4.5	4.991	31	2.83	2.00	13
IDABEL	4451	9	43.4	31	3.5	78.	12	19.	3	674.0	-104.0	5.5	5.5	6.191	31	3.47	1.70	13
PINE CREEK DAM	7080	9	44.0	22	*****	78.	12	20.	4	462.0	******	.0	******	5.290	25	*****	1.15	13
POTEAU W W	7254	9	40.2	31	*****	76.	11	13.	4	770.0	******	.0	******	6.003	31	*****	2.50	13
SMITHVILLE 1 W	8285	9	40.5	31	1.8	74.	11	14.	5	759.0	-56.0	.0	.0	5.503	31	2.52	2.00	13
SPIRO	8416	9	*****	0	*****	****	0	****	0	******	******	******	******	5.683	31	3.60	2.18	14
TUSKAHOMA	9023	9	43.3	31	3.0	76.	11	13.	23	677.0	-89.0	4.5	4.5	5.991	31	3.97	1.85	14
VALLIANT 3 W	9118	9	*****	0	*****	****	0	****	0	******	******	******	******	5.141	31	2.83	1.00	13
WILBURTON 9 ENE	9634	9	41.4	31	3.0	75.	11	15.	24	732.5	-92.5	.0	.0	7.441	31	5.20	3.50	13

JANUARY 1995 CLIMATE DIVISION SUMMARY

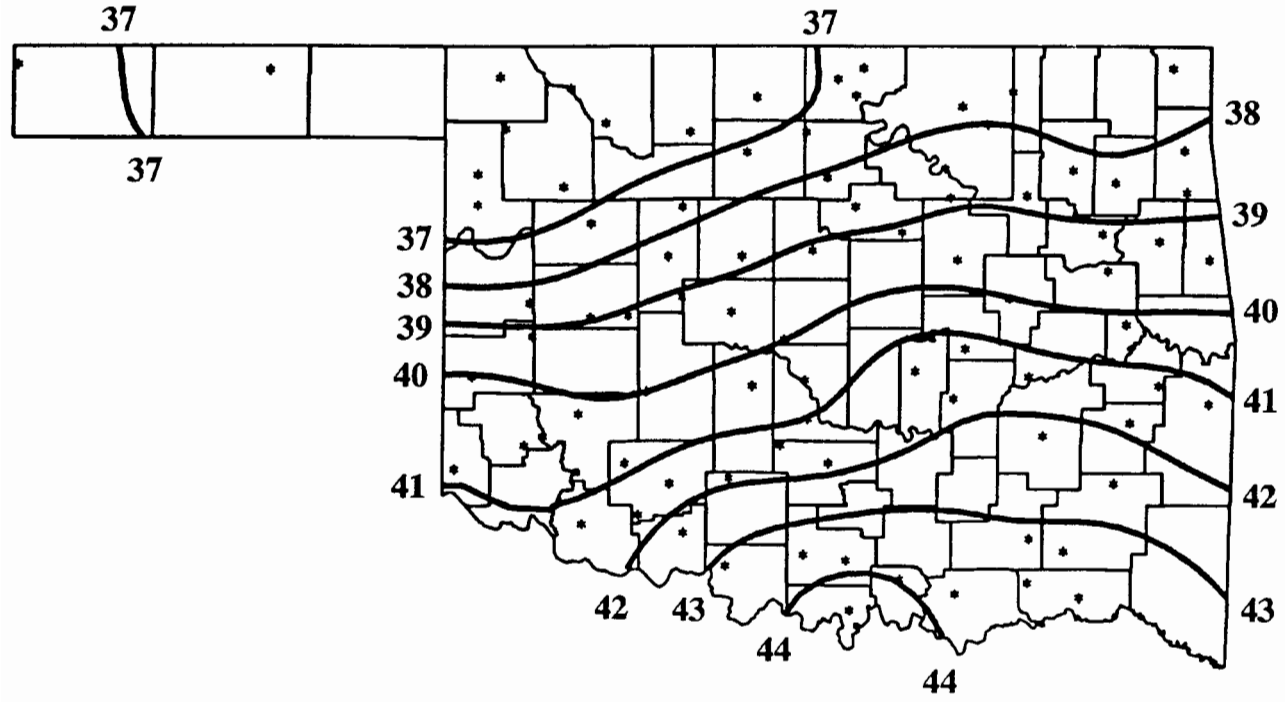
CLIMATE DIV	MEAN TEMP	NUM STA	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEGREE DAYS	DEV FROM NORM	COOL DEGREE DAYS	DEV FROM NORM	TOT PPT	NUM STA	DEV FROM NORM	MAX 24-HR	DAY
1	36.6	10	3.6	76.0	12	3.0	4	871.3	-121.5	.0	.0	.44	13	.04	.50	28
2	36.6	13	3.0	75.0	11	3.0	4	879.3	-95.4	.0	.0	.93	22	.15	.93	17
3	38.5	15	4.1	72.0	11	6.0	5	819.3	-130.5	.0	.0	1.66	30	.21	2.70	14
4	40.0	9	4.5	80.0	11	7.0	4	776.4	-140.1	.0	.0	.88	19	.17	.93	2
5	40.1	12	3.4	76.0	12	8.0	23	773.1	-105.5	.0	.0	1.39	36	.18	1.80	22
6	40.7	9	3.6	77.0	11	9.0	5	752.9	-114.2	1.2	1.2	3.77	22	1.99	2.46	13
7	41.2	11	3.6	84.0	11	11.0	23	729.7	-118.5	.0	.0	.88	24	-.03	1.26	22
8	43.3	12	4.2	78.0	12	9.0	23	669.8	-133.0	.1	.1	2.33	30	.75	1.75	27
9	42.7	10	2.7	78.0	12	13.0	23	690.0	-83.1	2.0	2.0	5.98	17	3.55	3.50	13



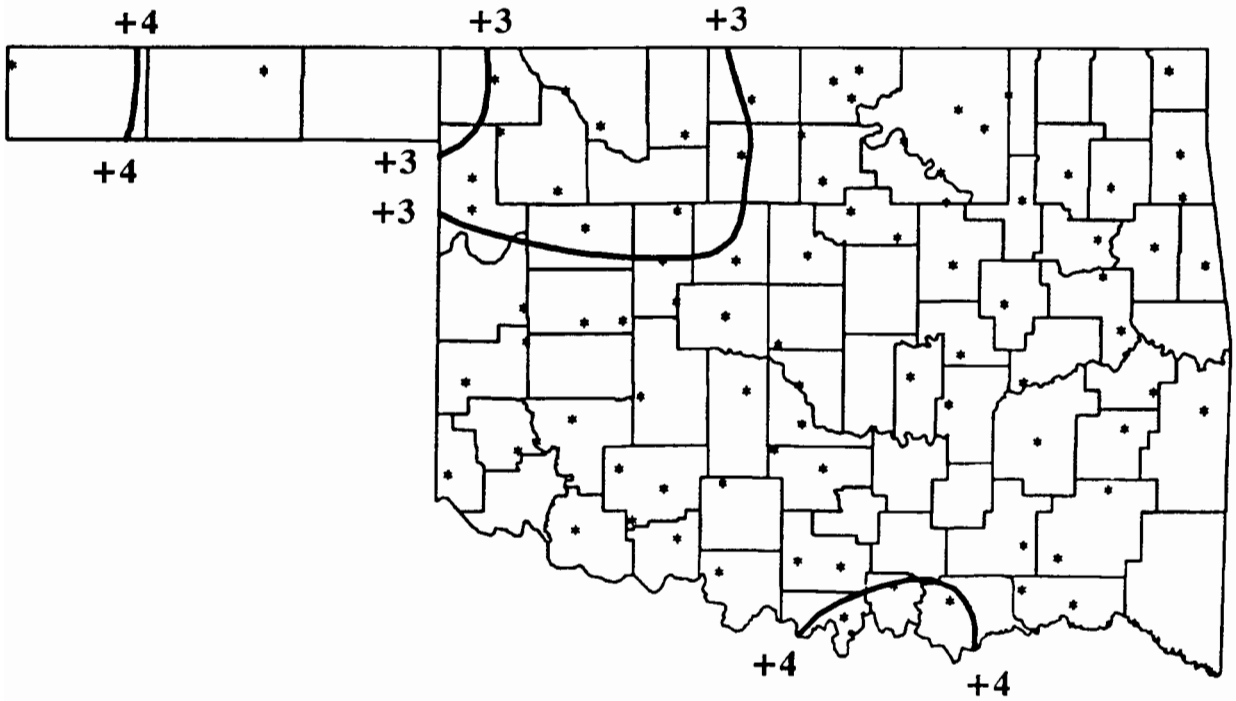
JANUARY 1995 TOTAL PRECIPITATION
(Inches)



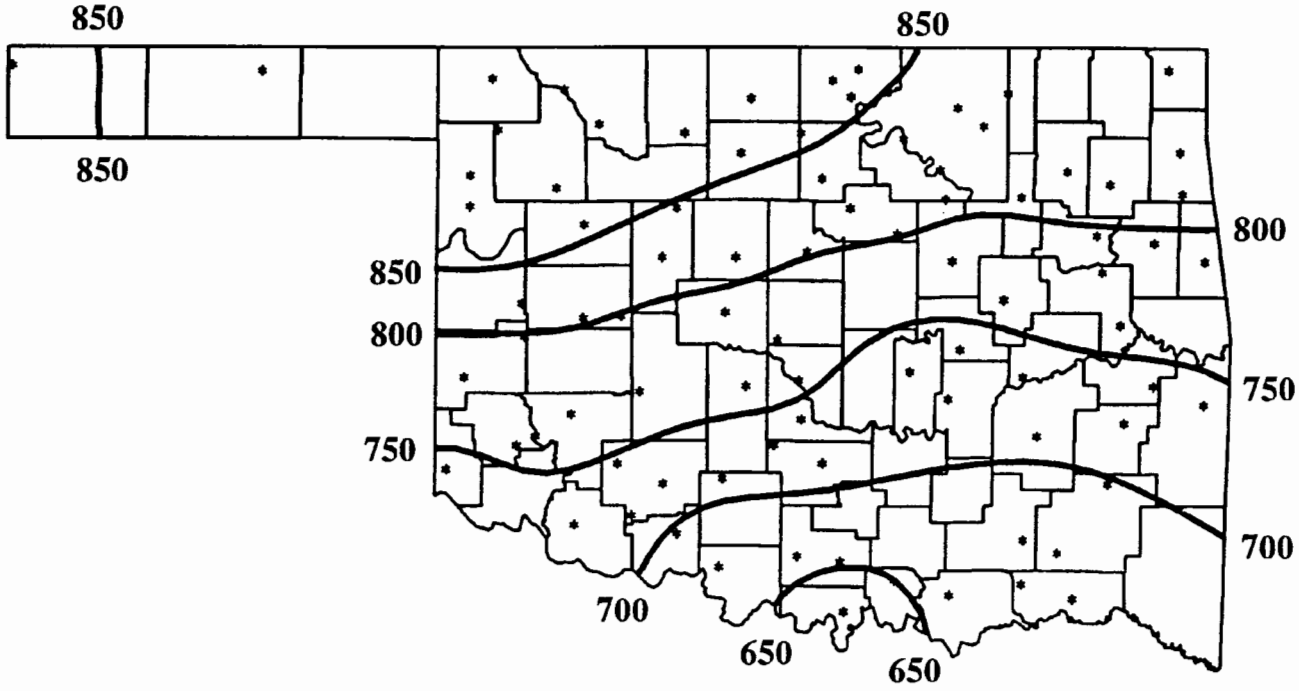
JANUARY 1995 DEVIATION FROM NORMAL PRECIPITATION
(Inches)



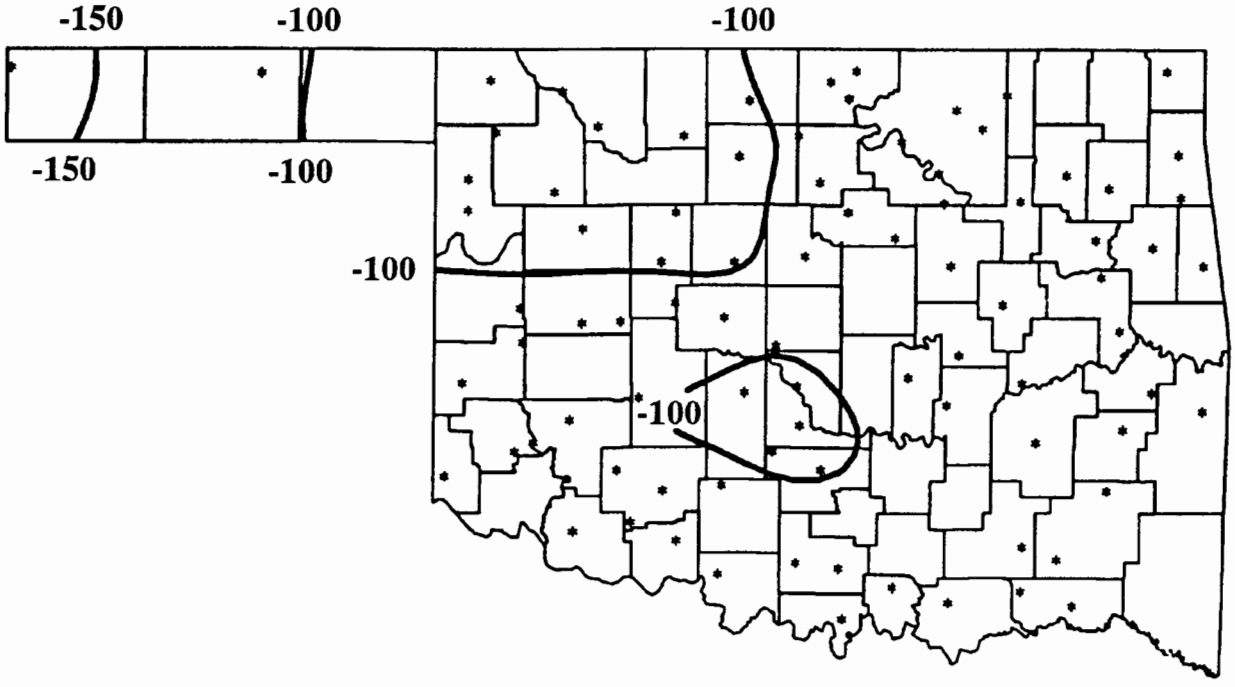
JANUARY 1995 AVERAGE MONTHLY TEMPERATURES
(Degrees F)



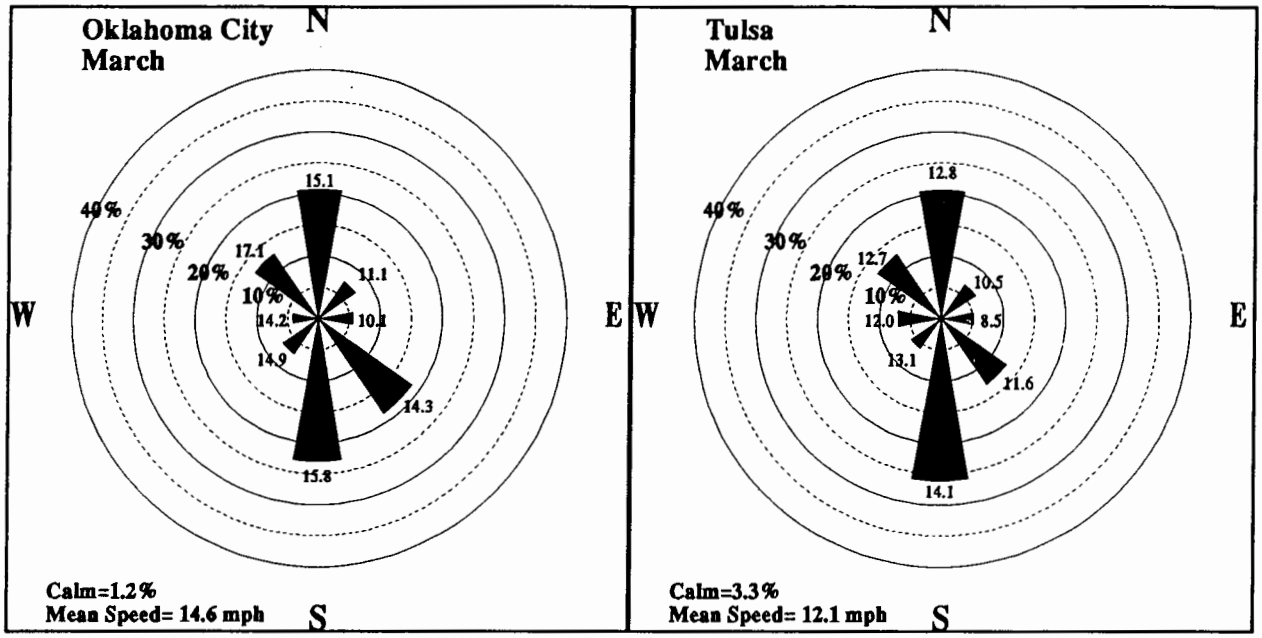
JANUARY 1995 DEVIATION FROM NORMAL TEMPERATURES
(Degrees F)



JANUARY 1995 HEATING DEGREE DAYS



JANUARY 1995 DEVIATION FROM NORMAL HEATING DEGREE DAYS



March 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.

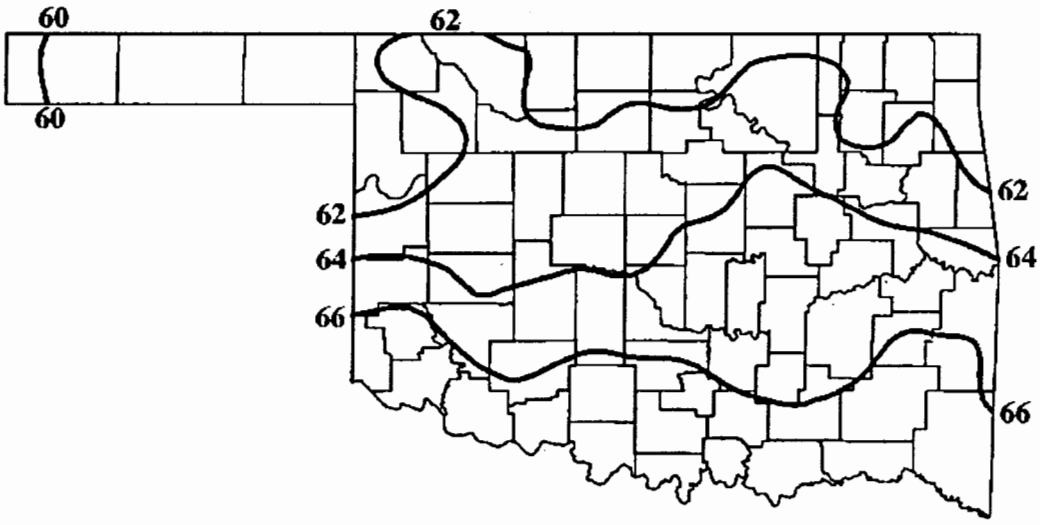
MARCH 1995 SUNRISE AND SUNSET

OKLAHOMA CITY

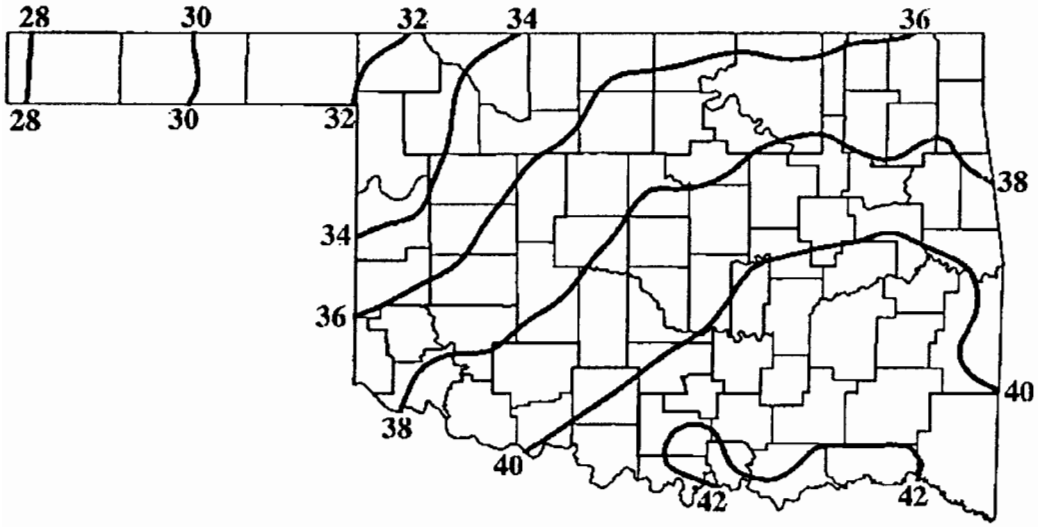
DATE	SUNRISE	SUNSET	DAYLIGHT
95 3 1	7: 2AM	6:25PM CST	11 hrs 23 mins
95 3 2	7: 0AM	6:26PM CST	11 hrs 25 mins
95 3 3	6:59AM	6:26PM CST	11 hrs 27 mins
95 3 4	6:58AM	6:27PM CST	11 hrs 29 mins
95 3 5	6:57AM	6:28PM CST	11 hrs 32 mins
95 3 6	6:55AM	6:29PM CST	11 hrs 34 mins
95 3 7	6:54AM	6:30PM CST	11 hrs 36 mins
95 3 8	6:53AM	6:31PM CST	11 hrs 38 mins
95 3 9	6:51AM	6:32PM CST	11 hrs 41 mins
95 310	6:50AM	6:33PM CST	11 hrs 43 mins
95 311	6:48AM	6:33PM CST	11 hrs 45 mins
95 312	6:47AM	6:34PM CST	11 hrs 47 mins
95 313	6:46AM	6:35PM CST	11 hrs 49 mins
95 314	6:44AM	6:36PM CST	11 hrs 52 mins
95 315	6:43AM	6:37PM CST	11 hrs 54 mins
95 316	6:41AM	6:38PM CST	11 hrs 56 mins
95 317	6:40AM	6:38PM CST	11 hrs 58 mins
95 318	6:39AM	6:39PM CST	12 hrs 1 mins
95 319	6:37AM	6:40PM CST	12 hrs 3 mins
95 320	6:36AM	6:41PM CST	12 hrs 5 mins
95 321	6:34AM	6:42PM CST	12 hrs 7 mins
95 322	6:33AM	6:43PM CST	12 hrs 10 mins
95 323	6:31AM	6:43PM CST	12 hrs 12 mins
95 324	6:30AM	6:44PM CST	12 hrs 14 mins
95 325	6:29AM	6:45PM CST	12 hrs 16 mins
95 326	6:27AM	6:46PM CST	12 hrs 19 mins
95 327	6:26AM	6:47PM CST	12 hrs 21 mins
95 328	6:24AM	6:47PM CST	12 hrs 23 mins
95 329	6:23AM	6:48PM CST	12 hrs 25 mins
95 330	6:21AM	6:49PM CST	12 hrs 28 mins
95 331	6:20AM	6:50PM CST	12 hrs 30 mins

TULSA

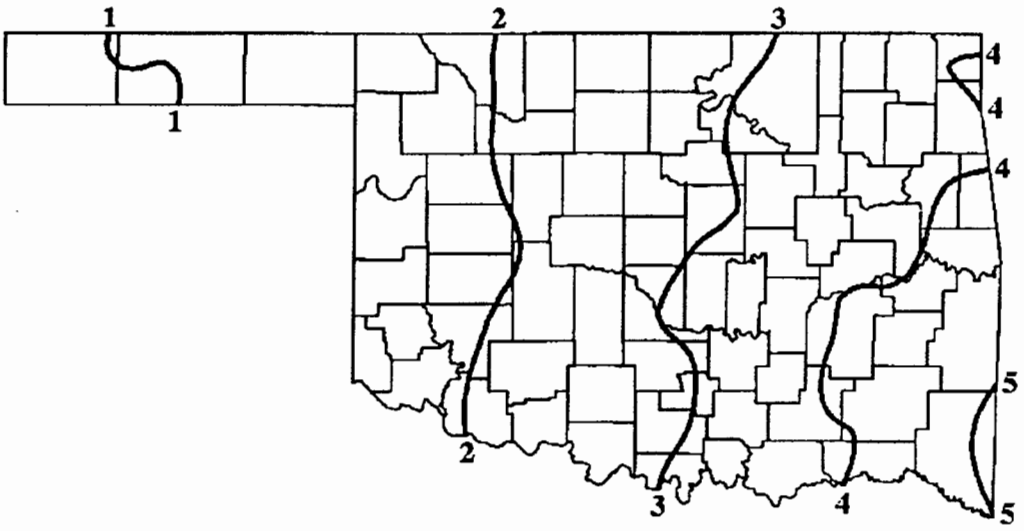
DATE	SUNRISE	SUNSET	DAYLIGHT
95 3 1	6:56AM	6:17PM CST	11 hrs 22 mins
95 3 2	6:54AM	6:18PM CST	11 hrs 24 mins
95 3 3	6:53AM	6:19PM CST	11 hrs 26 mins
95 3 4	6:52AM	6:20PM CST	11 hrs 28 mins
95 3 5	6:50AM	6:21PM CST	11 hrs 31 mins
95 3 6	6:49AM	6:22PM CST	11 hrs 33 mins
95 3 7	6:48AM	6:23PM CST	11 hrs 35 mins
95 3 8	6:46AM	6:24PM CST	11 hrs 38 mins
95 3 9	6:45AM	6:25PM CST	11 hrs 40 mins
95 310	6:43AM	6:25PM CST	11 hrs 42 mins
95 311	6:42AM	6:26PM CST	11 hrs 44 mins
95 312	6:41AM	6:27PM CST	11 hrs 47 mins
95 313	6:39AM	6:28PM CST	11 hrs 49 mins
95 314	6:38AM	6:29PM CST	11 hrs 51 mins
95 315	6:36AM	6:30PM CST	11 hrs 54 mins
95 316	6:35AM	6:31PM CST	11 hrs 56 mins
95 317	6:33AM	6:32PM CST	11 hrs 58 mins
95 318	6:32AM	6:32PM CST	12 hrs 1 mins
95 319	6:30AM	6:33PM CST	12 hrs 3 mins
95 320	6:29AM	6:34PM CST	12 hrs 5 mins
95 321	6:28AM	6:35PM CST	12 hrs 7 mins
95 322	6:26AM	6:36PM CST	12 hrs 10 mins
95 323	6:25AM	6:37PM CST	12 hrs 12 mins
95 324	6:23AM	6:38PM CST	12 hrs 14 mins
95 325	6:22AM	6:38PM CST	12 hrs 17 mins
95 326	6:20AM	6:39PM CST	12 hrs 19 mins
95 327	6:19AM	6:40PM CST	12 hrs 21 mins
95 328	6:17AM	6:41PM CST	12 hrs 24 mins
95 329	6:16AM	6:42PM CST	12 hrs 26 mins
95 330	6:14AM	6:43PM CST	12 hrs 28 mins
95 331	6:13AM	6:43PM CST	12 hrs 31 mins



March Normal Daily Maximum Temperatures (°F)



March Normal Daily Minimum Temperatures (°F)



March Normal Monthly Precipitation (inches)

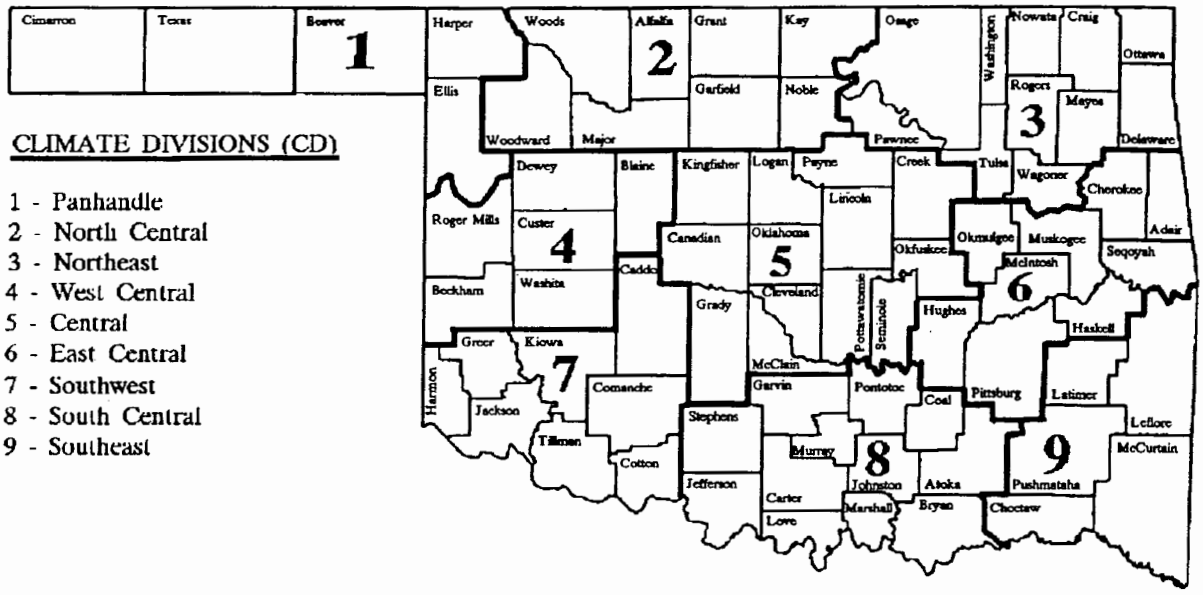
SEASONAL NATIONAL WEATHER SERVICE OUTLOOK

(March through May 1995)

Precipitation - Greater than Normal Statewide

Temperature - Less than Normal Statewide

OKLAHOMA



EXPLANATION OF TABLES

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

Station Name:

Station Identification Number: These are usually assigned by the National Climatic Data Center.

Climate Division: See the figure above.

Number of Temperature Observations: These are the actual number of temperature reports recorded at the station during the current month. Missing observations may result in artificially high or low mean monthly temperatures.

Deviation from Normal: The deviation of the observed mean monthly temperature from the monthly station normal. A positive value indicates the month was warmer than normal. A negative value indicates the month was cooler than normal. Normal monthly temperatures may be calculated by subtracting the deviation from the observed temperature.

Maximum Daily Maximum: The maximum daily maximum temperature observed during the current month and year and the day which it occurred.

Minimum Daily Minimum: The minimum daily minimum temperature observed during the current month and year and the day which it occurred.

Heating Degree Days: HDD are calculated each day of the month for which there is a temperature report and the average temperature for the day is less than 65 degrees. Daily values are summed to arrive at a monthly total. They are a qualitative measure of how much heat was required to maintain a comfortable indoor temperature. Missing observations may result in an artificially high or low value. For February 1984 HDD would be calculated as:

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

Deviation from Normal Heating Degree Days: A positive value indicates higher than normal heating requirements for the month as a whole. A negative value indicates lower than normal heating requirements for the month as a whole. Normal HDD may be calculated by subtracting the deviation from observed HDD.

Cooling Degree Days: CDD are calculated each day of the month for which there is a temperature report and the average temperature for the day exceeds 65 degrees. Daily values are summed to give a monthly total. They are a proxy measure of how much cooling was required to maintain a comfortable indoor temperature. Missing observations may result in an artificially high or low value. For June, CDD would be calculated as:

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

Deviation from Normal Cooling Degree Days: A positive value indicates higher 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

March 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
58.6 max		58.5 max		57.2 max		54.8 max		55.1 max		58.5 max		57.5 max	
33.5 min		35.6 min		34.5 min		31.8 min		33.0 min		34.0 min		34.7 min	
.10 ppt		.11 ppt		.12 ppt		.04 ppt		.03 ppt		.06 ppt		.05 ppt	
19 hdd		18 hdd		19 hdd		22 hdd		21 hdd		19 hdd		19 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max 85-1976		Highest Max 88-1904		Highest Max 84-1955		Highest Max 84-1938		Highest Max 91-1991		Highest Max 83-1974		Highest Max 83-1925	
Lowest Max 20-1980		Lowest Max 23-1943		Lowest Max 18-1960		Lowest Max 18-1960		Lowest Max 24-1920		Lowest Max 21-1943		Lowest Max 22-1932	
Lowest Min 4-1913		Lowest Min 6-1922		Lowest Min 3-1960		Lowest Min 8-1960		Lowest Min 10-1960		Lowest Min 8-1943		Lowest Min 7-1920	
Highest Min 56-1940		Highest Min 62-1976		Highest Min 59-1955		Highest Min 60-1938		Highest Min 59-1921		Highest Min 58-1911		Highest Min 61-1974	
Greatest ppt 1.71-1948		Greatest ppt 2.04-1988		Greatest ppt 1.46-1985		Greatest ppt .67-1933		Greatest ppt 2.13-1894		Greatest ppt 1.45-1973		Greatest ppt 1.33-1905	

Normal 8	Actual	Normal 9	Actual	Normal 10	Actual	Normal 11	Actual	Normal 12	Actual	Normal 13	Actual	Normal 14	Actual
57.2 max		60.3 max		61.6 max		59.6 max		59.3 max		59.8 max		62.5 max	
35.0 min		36.8 min		38.1 min		38.4 min		37.1 min		36.7 min		36.7 min	
.11 ppt		.05 ppt		.14 ppt		.13 ppt		.04 ppt		.02 ppt		.07 ppt	
19 hdd		17 hdd		15 hdd		16 hdd		17 hdd		17 hdd		16 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max 84-1911		Highest Max 89-1911		Highest Max 89-1955		Highest Max 93-1967		Highest Max 90-1967		Highest Max 90-1967		Highest Max 84-1936	
Lowest Max 26-1932		Lowest Max 29-1932		Lowest Max 26-1932		Lowest Max 16-1948		Lowest Max 27-1950		Lowest Max 34-1924		Lowest Max 26-1895	
Lowest Min 9-1967		Lowest Min 11-1932		Lowest Min 4-1948		Lowest Min 1-1948		Lowest Min 4-1948		Lowest Min 14-1950		Lowest Min 13-1895	
Highest Min 60-1897		Highest Min 61-1986		Highest Min 61-1990		Highest Min 61-1911		Highest Min 59-1972		Highest Min 66-1918		Highest Min 56-1955	
Greatest ppt 2.06-1994		Greatest ppt .88-1913		Greatest ppt 1.48-1974		Greatest ppt 2.16-1902		Greatest ppt 1.30-1898		Greatest ppt 1.39-1922		Greatest ppt 1.04-1990	

Normal 15	Actual	Normal 16	Actual	Normal 17	Actual	Normal 18	Actual	Normal 19	Actual	Normal 20	Actual	Normal 21	Actual
59.4 max		60.7 max		63.6 max		62.3 max		61.6 max		61.9 max		60.3 max	
37.7 min		38.0 min		38.4 min		39.3 min		38.9 min		38.4 min		36.7 min	
.02 ppt		.07 ppt		.07 ppt		.05 ppt		.07 ppt		.19 ppt		.04 ppt	
16 hdd		16 hdd		14 hdd		14 hdd		15 hdd		15 hdd		17 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max 84-1943		Highest Max 84-1908		Highest Max 91-1908		Highest Max 89-1907		Highest Max 97-1907		Highest Max 92-1907		Highest Max 95-1916	
Lowest Max 28-1892		Lowest Max 28-1892		Lowest Max 24-1992		Lowest Max 30-1965		Lowest Max 26-1965		Lowest Max 33-1913		Lowest Max 29-1955	
Lowest Min 13-1895		Lowest Min 18-1895		Lowest Min 11-1892		Lowest Min 9-1923		Lowest Min 10-1923		Lowest Min 12-1965		Lowest Min 16-1913	
Highest Min 58-1919		Highest Min 56-1945		Highest Min 58-1921		Highest Min 62-1898		Highest Min 63-1921		Highest Min 64-1935		Highest Min 64-1907	
Greatest ppt 2.34-1944		Greatest ppt 1.25-1987		Greatest ppt .85-1905		Greatest ppt .48-1968		Greatest ppt 1.73-1903		Greatest ppt 2.18-1985		Greatest ppt 1.23-1921	

Normal 22	Actual	Normal 23	Actual	Normal 24	Actual	Normal 25	Actual	Normal 26	Actual	Normal 27	Actual	Normal 28	Actual
64.4 max		63.3 max		61.4 max		61.0 max		63.1 max		65.2 max		66.2 max	
37.8 min		38.7 min		39.6 min		39.5 min		40.4 min		41.3 min		43.5 min	
.08 ppt		.19 ppt		.05 ppt		.10 ppt		.06 ppt		.10 ppt		.13 ppt	
14 hdd		14 hdd		15 hdd		15 hdd		14 hdd		12 hdd		11 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		1 cdd	
Highest Max 86-1951		Highest Max 88-1929		Highest Max 91-1929		Highest Max 88-1976		Highest Max 85-1972		Highest Max 90-1895		Highest Max 88-1926	
Lowest Max 33-1913		Lowest Max 36-1974		Lowest Max 36-1965		Lowest Max 33-1964		Lowest Max 33-1937		Lowest Max 32-1899		Lowest Max 35-1931	
Lowest Min 13-1955		Lowest Min 20-1898		Lowest Min 23-1965		Lowest Min 18-1955		Lowest Min 13-1956		Lowest Min 13-1913		Lowest Min 16-1931	
Highest Min 63-1907		Highest Min 64-1907		Highest Min 64-1904		Highest Min 64-1907		Highest Min 67-1907		Highest Min 68-1907		Highest Min 62-1985	
Greatest ppt 1.37-1979		Greatest ppt 2.35-1984		Greatest ppt 1.82-1920		Greatest ppt 1.65-1922		Greatest ppt 2.02-1938		Greatest ppt 2.09-1912		Greatest ppt 2.84-1988	

Normal 29	Actual	Normal 30	Actual	Normal 31	Actual
63.3 max		63.3 max		68.0 max	
42.2 min		41.7 min		43.8 min	
.05 ppt		.13 ppt		.05 ppt	
13 hdd		13 hdd		10 hdd	
1 cdd		0 cdd		1 cdd	
Highest Max 87-1895		Highest Max 88-1904		Highest Max 94-1940	
Lowest Max 34-1987		Lowest Max 28-1926		Lowest Max 40-1901	
Lowest Min 19-1894		Lowest Min 22-1987		Lowest Min 20-1926	
Highest Min 65-1963		Highest Min 65-1895		Highest Min 62-1967	
Greatest ppt .99-1897		Greatest ppt 1.82-1963		Greatest ppt 1.29-1988	

MARCH AVERAGES

TEMPERATURE	:	**49.4°F**
PRECIPITATION	:	**2.52"**
HEATING DEGREE DAYS	:	**492**
COOLING DEGREE DAYS	:	**3**

TULSA CLIMATE CALENDAR

March 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
58.0 max		58.0 max		58.0 max		56.0 max		56.0 max		59.0 max		58.0 max	
34.0 min		36.0 min		35.0 min		33.0 min		34.0 min		34.0 min		34.0 min	
.10 ppt		.06 ppt		.14 ppt		.16 ppt		.03 ppt		.07 ppt		.03 ppt	
19 hdd		18 hdd		18 hdd		20 hdd		20 hdd		18 hdd		19 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max	81-1967	Highest Max	84-1976	Highest Max	82-1955	Highest Max	83-1938	Highest Max	88-1991	Highest Max	87-1956	Highest Max	83-1925
Lowest Max	26-1960	Lowest Max	26-1960	Lowest Max	25-1960	Lowest Max	18-1960	Lowest Max	20-1960	Lowest Max	33-1960	Lowest Max	33-1957
Lowest Min	9-1962	Lowest Min	7-1943	Lowest Min	3-1943	Lowest Min	6-1960	Lowest Min	5-1960	Lowest Min	13-1943	Lowest Min	6-1920
Highest Min	53-1974	Highest Min	59-1970	Highest Min	64-1974	Highest Min	57-1983	Highest Min	60-1956	Highest Min	52-1990	Highest Min	56-1974
Greatest ppt	1.63-1973	Greatest ppt	2.06-1988	Greatest ppt	1.45-1953	Greatest ppt	1.37-1963	Greatest ppt	.75-1989	Greatest ppt	1.57-1973	Greatest ppt	.57-1978
Normal 8	**Actual**	**Normal 9**	**Actual**	**Normal 10**	**Actual**	**Normal 11**	**Actual**	**Normal 12**	**Actual**	**Normal 13**	**Actual**	**Normal 14**	**Actual**
57.0 max		59.0 max		59.0 max		59.0 max		58.0 max		59.0 max		61.0 max	
35.0 min		36.0 min		37.0 min		39.0 min		37.0 min		37.0 min		37.0 min	
.10 ppt		.08 ppt		.16 ppt		.17 ppt		.07 ppt		.05 ppt		.07 ppt	
19 hdd		17 hdd		17 hdd		17 hdd		17 hdd		17 hdd		16 hdd	
0 cdd		0 cdd		0 cdd		1 cdd		1 cdd		0 cdd		0 cdd	
Highest Max	87-1925	Highest Max	88-1911	Highest Max	91-1955	Highest Max	94-1967	Highest Max	91-1967	Highest Max	92-1967	Highest Max	85-1977
Lowest Max	33-1960	Lowest Max	35-1964	Lowest Max	29-1948	Lowest Max	17-1948	Lowest Max	29-1950	Lowest Max	33-1975	Lowest Max	40-1969
Lowest Min	5-1967	Lowest Min	12-1932	Lowest Min	4-1948	Lowest Min	-1-1948	Lowest Min	-3-1948	Lowest Min	12-1948	Lowest Min	13-1975
Highest Min	63-1974	Highest Min	63-1990	Highest Min	60-1956	Highest Min	62-1967	Highest Min	63-1967	Highest Min	62-1990	Highest Min	54-1955
Greatest ppt	1.67-1994	Greatest ppt	.99-1954	Greatest ppt	1.91-1974	Greatest ppt	1.97-1990	Greatest ppt	.67-1958	Greatest ppt	.90-1953	Greatest ppt	2.09-1990
Normal 15	**Actual**	**Normal 16**	**Actual**	**Normal 17**	**Actual**	**Normal 18**	**Actual**	**Normal 19**	**Actual**	**Normal 20**	**Actual**	**Normal 21**	**Actual**
60.0 max		62.0 max		63.0 max		63.0 max		62.0 max		61.0 max		60.0 max	
38.0 min		38.0 min		39.0 min		41.0 min		40.0 min		40.0 min		38.0 min	
.03 ppt		.06 ppt		.14 ppt		.09 ppt		.09 ppt		.18 ppt		.08 ppt	
16 hdd		15 hdd		14 hdd		13 hdd		14 hdd		15 hdd		16 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max	84-1921	Highest Max	86-1908	Highest Max	88-1916	Highest Max	99-1907	Highest Max	96-1907	Highest Max	92-1907	Highest Max	98-1916
Lowest Max	38-1960	Lowest Max	35-1960	Lowest Max	34-1970	Lowest Max	30-1965	Lowest Max	32-1965	Lowest Max	39-1983	Lowest Max	39-1974
Lowest Min	21-1970	Lowest Min	22-1962	Lowest Min	20-1906	Lowest Min	12-1923	Lowest Min	8-1923	Lowest Min	11-1965	Lowest Min	18-1974
Highest Min	57-1983	Highest Min	58-1982	Highest Min	55-1994	Highest Min	61-1979	Highest Min	58-1982	Highest Min	60-1991	Highest Min	63-1966
Greatest ppt	.32-1981	Greatest ppt	1.03-1970	Greatest ppt	1.45-1977	Greatest ppt	1.24-1979	Greatest ppt	1.15-1958	Greatest ppt	1.61-1962	Greatest ppt	.95-1956
Normal 22	**Actual**	**Normal 23**	**Actual**	**Normal 24**	**Actual**	**Normal 25**	**Actual**	**Normal 26**	**Actual**	**Normal 27**	**Actual**	**Normal 28**	**Actual**
63.0 max		64.0 max		61.0 max		60.0 max		64.0 max		66.0 max		68.0 max	
38.0 min		40.0 min		41.0 min		41.0 min		41.0 min		42.0 min		44.0 min	
.05 ppt		.28 ppt		.12 ppt		.11 ppt		.08 ppt		.08 ppt		.09 ppt	
14 hdd		13 hdd		14 hdd		14 hdd		13 hdd		11 hdd		10 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		1 cdd	
Highest Max	91-1907	Highest Max	91-1907	Highest Max	91-1929	Highest Max	88-1910	Highest Max	87-1918	Highest Max	88-1956	Highest Max	90-1963
Lowest Max	40-1952	Lowest Max	33-1974	Lowest Max	30-1965	Lowest Max	28-1955	Lowest Max	34-1955	Lowest Max	41-1948	Lowest Max	46-1970
Lowest Min	15-1955	Lowest Min	21-1968	Lowest Min	19-1966	Lowest Min	18-1955	Lowest Min	14-1955	Lowest Min	13-1913	Lowest Min	17-1931
Highest Min	57-1991	Highest Min	61-1994	Highest Min	60-1967	Highest Min	58-1967	Highest Min	70-1991	Highest Min	59-1985	Highest Min	69-1985
Greatest ppt	1.16-1993	Greatest ppt	2.50-1969	Greatest ppt	1.98-1973	Greatest ppt	.79-1967	Greatest ppt	1.07-1977	Greatest ppt	1.86-1975	Greatest ppt	1.65-1988
Normal 29	**Actual**	**Normal 30**	**Actual**	**Normal 31**	**Actual**								
65.0 max		65.0 max		66.0 max									
43.0 min		43.0 min		44.0 min									
.08 ppt		.12 ppt		.09 ppt									
11 hdd		12 hdd		10 hdd									
1 cdd		1 cdd		1 cdd									
Highest Max	90-1967	Highest Max	86-1981	Highest Max	96-1974								
Lowest Max	34-1987	Lowest Max	36-1954	Lowest Max	46-1984								
Lowest Min	24-1944	Lowest Min	21-1964	Lowest Min	24-1926								
Highest Min	67-1963	Highest Min	66-1957	Highest Min	62-1967								
Greatest ppt	1.19-1985	Greatest ppt	1.78-1973	Greatest ppt	1.21-1957								

MARCH AVERAGES

TEMPERATURE	:	49.7°F
PRECIPITATION	:	3.06"
HEATING DEGREE DAYS	:	477
COOLING DEGREE DAYS	:	6