

OKLAHOMA MONTHLY SUMMARY REVISED MARCH 2000

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MONTHLY SUMMARY FOR MARCH 2000

According to preliminary data, March 2000 was warmer and, in most areas, wetter than normal. The statewide-averaged temperature for the month, 52.7 degrees, is two degrees greater than normal and ranks as the 33rd greatest March monthly temperature since 1892. Despite a significant shortage of precipitation in east central and southeastern Oklahoma, plentiful precipitation elsewhere produced a statewide-averaged monthly precipitation total of 4.18 inches, 1.37 inches greater than normal and the 12th greatest such total obtained in March through the 109 years on record.

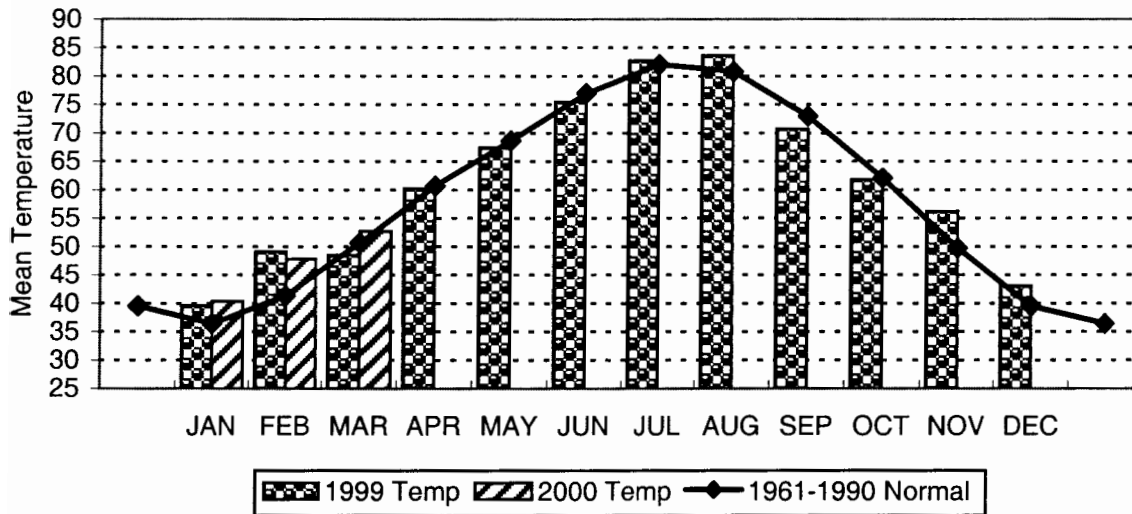
The first quarter of 2000 is the 13th warmest such period on record. Statewide temperatures for the period have averaged 46.9 degrees (4 degrees greater than normal). During the same period, total precipitation across the state has averaged 6.78 inches, 0.97 inch greater than normal and 31st greatest first-quarter total attained through the period of record.

Abundant precipitation across most of northern and western Oklahoma included boosts from three significant snow events. Kenton and Regnier in northern Cimarron County reported 6.6 and 3-inch snowfalls, respectively, on the 2nd. A second snowstorm overnight on the 10th and 11th produced 8 inches of snow at Hardy (Kay), 6 inches at Burbank (Osage) and 5 to 6 inches at Braman and Newkirk in Kay County, Pawhuska and Wynona in Osage County and Hollow in Craig County. Snow, preceded by freezing rain in some areas, amounted to as much as 4 to 6 inches from the Panhandle eastward through Harper County on the 16th, with 2-inch reports extending as far south as Taloga (Dewey).

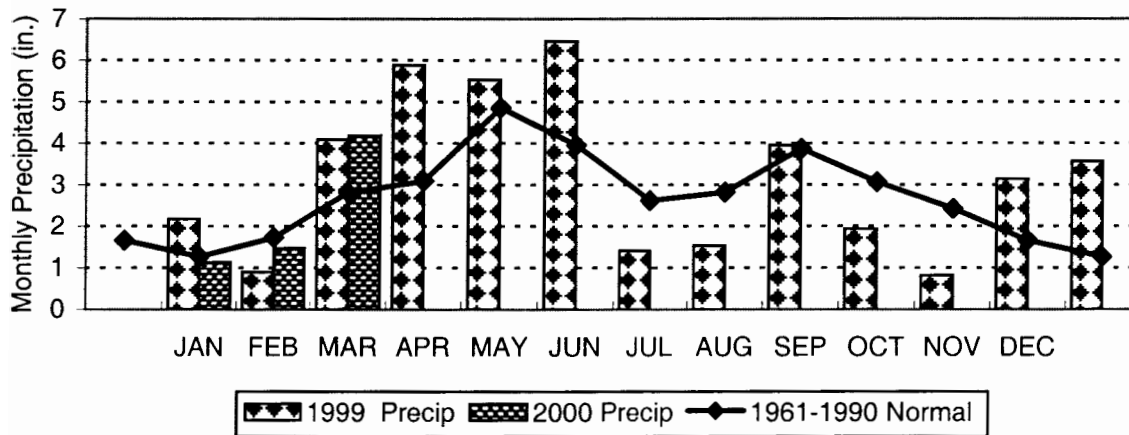
There were several episodes of severe thunderstorms or locally heavy rain. Tishomingo (Murray) reported 3.59 inches on the 2nd. A line of thunderstorms on the 7th produced large hail and damaging winds across much of the state. Small tornadoes were reported east of Sentinel (Washita), south of Skiatook (Tulsa), near Talala (Rogers), and near Mannford (Creek). Another tornado was reported near Wakita (Grant) on the 15th. Two-inch hail was reported near Ingersoll (Alfalfa) and nearby Cherokee (Alfalfa) recorded 3.23 inches of rain. Headrick (Jackson) reported 4.01 inches of rain on the 23rd. Other rainfall amounts on 23rd that exceeded three inches included Bessie Mesonet (Washita; 3.97 inches), Watonga Mesonet (Blaine; 3.19 inches), Weatherford Mesonet (Custer; 3.07 inches), Vinson (Harmon; 3.02 inches), and Fairview Mesonet (Major; 3.01 inches). Small tornadoes were sighted on the 26th near Seminole (Seminole), Hodgen (LeFlore), and Rattan (Choctaw), and in McIntosh County west of Porum.

Howard L. Johnson

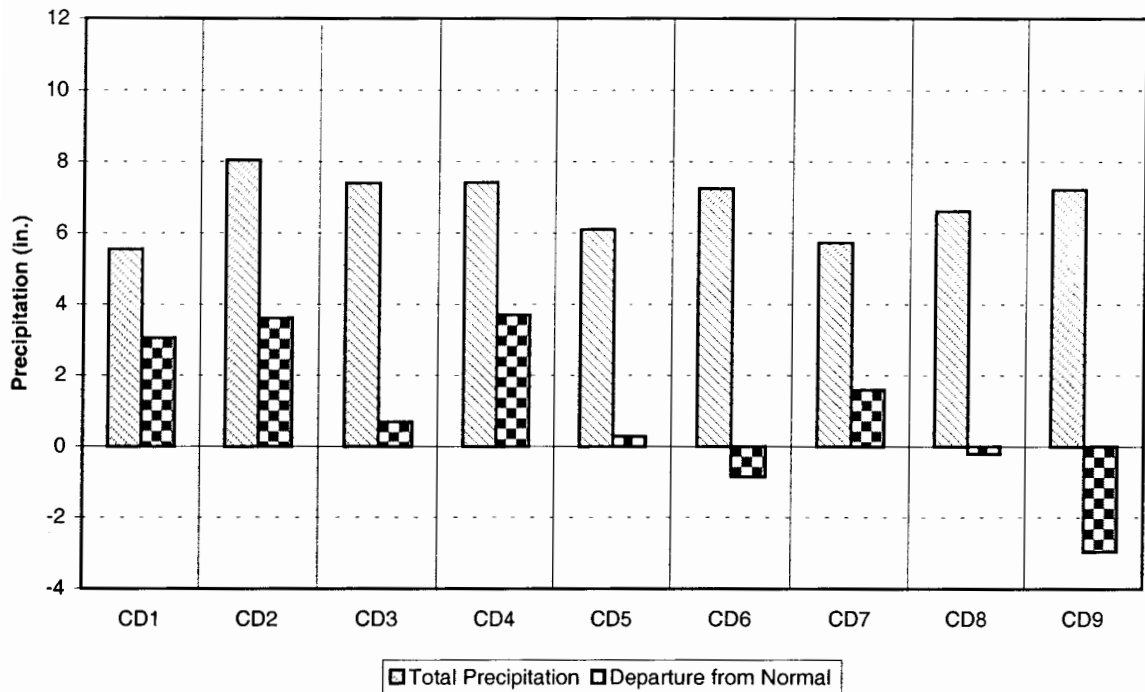
1999 and 2000 STATEWIDE TEMPERATURES Monthly Averages



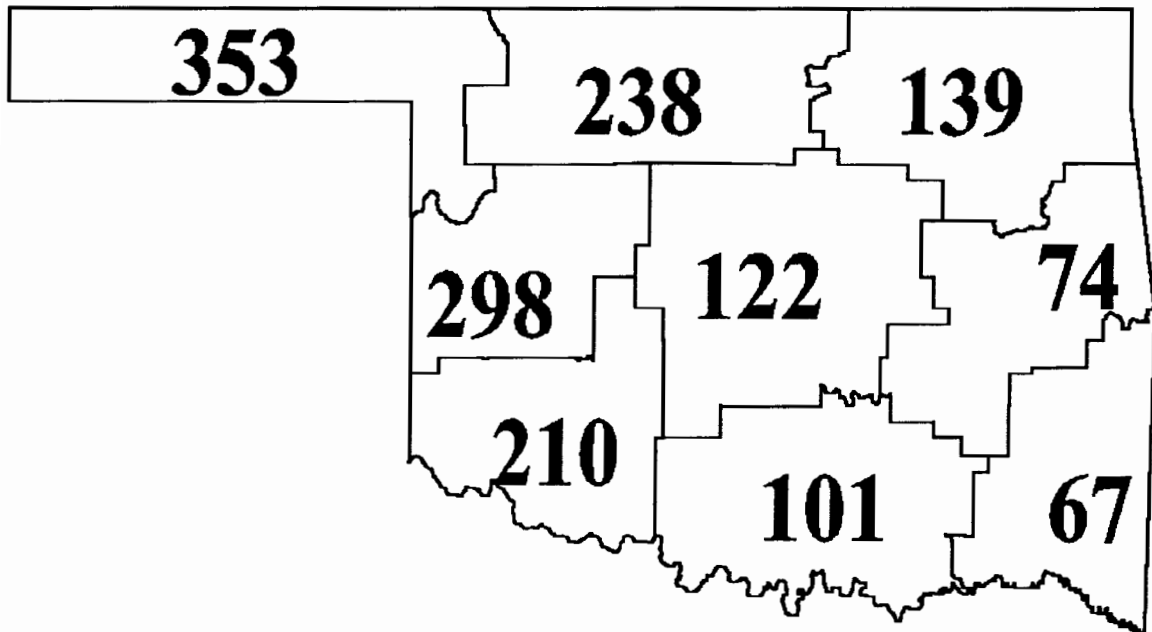
1999 and 2000 STATEWIDE PRECIPITATION Monthly Totals



CD Averaged Precipitation January 2000 through March 2000



CD PERCENT OF NORMAL PRECIPITATION March 2000



**EXTREME VALUES OF TEMPERATURE AND PRECIPITATION IN EACH CLIMATE DIVISION
MARCH, 2000**

CD	MAX TEMP	DATE	LOCATION	MIN TEMP	DATE	LOCATION	24-HOUR PRECIP	DATE	LOCATION	MONTHLY PRECIP	LOCATION
1	83	25	BUFFALO	14	17	BOISE CITY	2.43	23	FARGO	6.64	HOOKER
2	82	27	WAYNOKA	22	18	FREEDOM	3.23	16	CHEROKEE	9.24	GREAT SALT P
3	85	24	WAGONER	23	12	RALSTON	2.50	10	PAWHUSKA	6.96	PAWHUSKA
4	91	26	WEATHERFORD	25	17	REYDON	2.99	23	CANTON DAM	7.50	TALOGA
5	86	26	CHICKASHA EX	22	12	BRISTOW	2.10	22	TECUMSEH	4.56	KONAWA
6	84 84	24 25	HOLDENVILLE HOLDENVILLE	22	12	TAHLEQUAH	1.86	3	STILWELL	4.30	STILWELL
7	86	26	ALTUS	27 27 27 27 27	4 5 13 4 11	ANADARKO ANADARKO ANADARKO CHATTANOOGA HOLLIS	4.01	23	HEADRICK	5.60	HEADRICK
8	87	28	WAURIKA	24	12	PAULS VALLEY	3.59	2	TISHOMINGO	5.31	TISHOMINGO
9	84	7	POTEAU	21	12	SMITHVILLE	1.57	26	SMITHVILLE	4.88	SMITHVILLE

TABLE OF 1999/2000 COMPARISONS

**MARCH
Temperature (°F)**

**MARCH
Precipitation (in.)**

Station	1999	2000	1999	2000
Arnett	43.8	47.7	2.02	5.16
Enid	45.5	50.8	3.53	1.14
Tulsa	48.8	53.2	3.56	3.76
Elk City	47.1	50.7	2.39	6.39
Oklahoma City	49.8	53.4	3.45	3.12
McAlester	51.0	55.8	4.67	2.91
Altus Irr Station	49.5	53.7	2.76	4.87
Ardmore	52.0	58.5	4.24	3.32
Idabel	51.5	58.6	3.45	3.33

EXTREMES

VARIABLE	STATION	DIVISON	OBSERVATION	DATE
Minimum temperature (°F)	Boise City	1	14	17
Maximum temperature (°F)	Weatherford	4	91	26
Maximum 24-hour Precipitation	Headrick	7	4.01"	23

MARCH 2000 SUMMARY FOR PANHANDLE DIVISION (CD1)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV		MIN DAY	MIN TEMP	DAY	HEAT		DEV		TOT PPT	NUM OBS	DEV		DAY
					FROM NORM	MAX TEMP				DEG DAY	FROM NORM	DEG DAY	FROM NORM			MAX 24-HR		
ARNETT	332	1	47.7	31	2	77	27	23	17	536	-60	0	0	5.160	31	3.53	2.23	23
BEAVER	593	1	45.3	30	1	77	29	23	19	590	-42	0	0	4.160	30	*****	1.55	23
BOISE CITY	908	1	45.1	31	0	75	27	14	17	618	7	0	0	4.673	31	3.79	1.22	2
BUFFALO	1243	1	55.2	31	6	83	25	33	16	314	-192	10	0	4.970	31	3.11	2.30	22
FARGO	3070	1	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	6.082	31	4.45	2.43	23
GAGE	3407	1	49.3	31	1	81	27	25	17	487	-48	0	-7	4.832	31	3.32	1.33	3
GATE	3489	1	48.1	31	2	78	27	24	17	523	-79	0	-7	5.141	31	3.46	2.23	23
GOODWELL	3628	1	46.7	31	3	79	21	23	18	568	-87	0	0	4.320	31	3.45	1.33	24
GUYMON	3835	1	45.4	28 *	****	78	21	23	17	548	*****	0	*****	4.310	29	*****	1.23	23
HOOKER	4298	1	47.3	31	1	79	20	22	16	548	-45	0	0	6.640	31	5.48	2.33	23
KENTON	4766	1	46.3	26 *	****	75	27	19	17	487	*****	0	*****	2.750	30	*****	0.72	31
LAVERNE	5045	1	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.002	31	2.30	2.11	23
RANGE	7412	1	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	5.355	31	*****	2.06	23
REGNIER	7534	1	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.752	31	2.02	0.73	2
TURPIN	9017	1	46.3	26 *	****	78	21	23	17	488	*****	0	*****	5.570	26	*****	1.42	23

MARCH 2000 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV		MIN DAY	MIN TEMP	DAY	HEAT		DEV		TOT PPT	NUM OBS	DEV		DAY
					FROM NORM	MAX TEMP				DEG DAY	FROM NORM	DEG DAY	FROM NORM			MAX 24-HR		
ALVA	193	2	49.7	31 *	****	81	27	27	17	476	*****	3	*****	8.520	31	*****	2.52	23
VANCE AFB	302	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.373	30	*****	1.59	24
BILLINGS	755	2	50.2	31	2	76	25	27	4	459	-82	0	-8	4.561	31	1.87	1.35	23
BLACKWELL 2E	818	2	50.1	31	2	77	7	27	12	461	-70	0	-6	5.534	31	3.13	1.47	16
BRAMAN	1075	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	6.190	31	*****	1.95	16
CEDARDALE	1620	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	6.680	31	*****	1.97	23
CHEROKEE	1724	2	48.5	28 *	****	78	27	28	18	463	*****	1	*****	7.480	29	*****	3.23	16
ENID	2912	2	50.8	30	1	76	27	29	17	426	-52	0	-10	1.141	30	*****	0.48	3
FT SUPPLY	3304	2	47.8	31	2	80	26	23	16	532	-64	0	-7	6.830	31	5.21	1.96	22
FREEDOM	3358	2	47.2	24 *	****	80	6	22	18	427	*****	0	*****	5.130	24	*****	1.96	22
GREAT SALT P	3740	2	50.4	31	3	77	27	28	17	454	-110	0	-6	9.240	31	6.88	2.48	23
HARDY	3909	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.782	31	*****	1.34	16
HELENA	4019	2	49.3	31	3	77	27	27	11	486	-95	0	0	6.680	31	4.29	2.38	23
JEFFERSON	4573	2	52.8	30	4	79	6	27	4	369	-132	2	-6	6.270	31	3.68	1.79	15
LAMONT	5013	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.530	31	*****	1.20	16
MEDFORD	5768	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	7.674	31	*****	2.24	15
MORRISON	6065	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.691	31	*****	0.76	29
MUTUAL	6139	2	48.2	31	2	78	27	25	17	520	-64	0	0	6.110	31	4.05	2.38	23
NEWKIRK	6278	2	48.8	31	0	76	25	24	11	502	-10	0	-10	6.481	31	4.11	2.17	16
ORIENTA	6751	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	5.780	31	3.69	2.45	23
PERRY	7012	2	52.3	29 *	****	79	25	30	13	371	*****	3	*****	3.850	29	*****	0.81	3
PONCA CITY	7201	2	52.4	31	5	79	7	28	12	394	-144	3	-5	4.731	31	2.20	0.70	17
RED ROCK	7505	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	5.520	31	2.93	1.20	2
WAYNOKA	9404	2	49.8	23 *	****	82	27	26	16	350	*****	0	*****	5.992	23	*****	2.00	22
WOODWARD	9760	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	5.670	31	3.85	1.63	3

MARCH 2000 SUMMARY FOR NORTHEAST DIVISION (CD3)

NAME	ID	CD	DEV					HEAT		DEV		COOL		DEV		DEV		DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	DEG DAY	FROM NORM	DEG DAY	FROM NORM	TOT PPT	NUM OBS	FROM NORM	MAX 24-HR	
BARNSDALL	535	3	52.8	31	3	81	24	25	12	381	-92	3	-7	4.433	31	0.73	1.23	3
BARTLESVILLE	548	3	51.8	31	2	81	24	25	12	410	-59	2	-8	5.360	31	2.11	1.19	3
BIXBY	782	3	52.3	29*	****	82	24	25	11	372	*****	2	*****	3.590	31	0.44	1.34	3
BURBANK	1256	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.272	31	2.28	0.92	2
CHELSEA	1717	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.130	31	****	1.58	3
CLAREMORE	1828	3	51.3	30	3	80	25	25	13	412	-120	3	-3	5.640	31	2.06	1.82	3
CLEVELAND 2	1902	3	53.2	27*	****	78	24	26	12	318	*****	0	*****	4.523	31	****	1.28	3
HOLLOW	4258	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.450	31	1.77	0.95	11
HOMINY	4289	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.560	31	2.12	1.18	3
KANSAS	4672	3	53.6	29*	****	77	24	24	12	333	*****	1	*****	3.335	29	*****	1.50	3
LENAPAH	5118	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.220	31	****	1.66	3
MANNFORD	5522	3	54.3	31	3	82	24	26	12	334	-114	2	-9	4.010	31	0.71	1.17	3
MARAMEC	5540	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	4.190	31	0.99	1.02	3
NOWATA	6485	3	52.7	31	3	79	24	27	13	382	-102	2	-5	5.040	31	1.43	1.55	3
PAWHUSKA	6935	3	52.5	31	3	80	24	24	12	390	-97	3	-7	6.956	31	3.71	2.50	10
PAWNEE	6940	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	4.551	31	1.46	1.10	23
PRYOR	7309	3	51.2	31	3	80	8	25	13	428	-106	1	-7	4.183	31	0.61	1.33	3
RALSTON	7390	3	51.5	31	2	81	24	23	12	417	-55	0	-7	5.680	31	2.61	1.17	16
SKIATOOK	8258	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	4.490	31	1.21	1.58	3
SPAVINAW	8380	3	55.0	31	4	79	7	28	12	314	-126	3	-9	3.940	31	0.36	1.26	3
TULSA	8992	3	53.2	31	3	80	24	29	12	369	-89	2	-9	3.761	31	0.30	0.89	2
UPPER SPAV	9101	3	54.0	30*	****	81	7	25	12	337	*****	6	*****	3.726	31	*****	1.02	3
VINITA	9203	3	52.6	31	4	79	7	26	13	387	-120	3	-5	4.182	31	0.23	1.32	3
WAGONER	9247	3	54.6	31	3	85	24	27	12	328	-98	6	-7	2.850	31	-0.72	0.89	2
WANN	9298	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.401	31	*****	1.17	3
WYNONA	9792	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	6.701	31	*****	1.70	3

MARCH 2000 SUMMARY FOR WEST CENTRAL DIVISION (CD4)

NAME	ID	CD	DEV					HEAT		DEV		COOL		DEV		DEV		DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	DEG DAY	FROM NORM	DEG DAY	FROM NORM	TOT PPT	NUM OBS	FROM NORM	MAX 24-HR	
CANTON DAM	1445	4	49.9	31	3	79	27	27	4	469	-82	0	-6	6.660	31	4.58	2.99	23
CLINTON	1909	4	51.6	31	1	82	27	29	17	416	-34	0	-9	6.650	31	4.62	2.03	23
COLONY	2039	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	4.841	31	*****	2.73	22
CORDELL	2125	4	51.1	31	1	83	27	29	12	430	-23	0	-7	5.781	31	3.83	2.50	23
ELK CITY	2849	4	50.7	31	1	84	27	27	17	445	-28	0	-7	6.391	31	4.35	2.41	23
ERICK	2944	4	51.1	31	1	84	27	27	17	431	-34	0	-6	6.091	31	4.39	2.72	23
GEARY	3497	4	51.4	22*	****	81	26	29	10	299	*****	0	*****	5.480	25	*****	2.15	22
HAMMON	3871	4	49.1	31	2	82	27	27	17	493	-59	0	-6	6.850	31	4.96	1.96	23
LEEDEY	5090	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	6.540	31	4.82	2.30	23
MACKIE	5463	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	3.780	31	*****	2.38	23
MORAVIA	6035	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	4.070	31	2.26	2.54	23
OKEENE	6629	4	52.5	31	2	78	27	28	4	389	-70	0	-9	4.140	31	2.00	1.90	23
RETROP	7565	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.020	31	*****	2.55	23
REYDON	7579	4	48.7	24*	****	82	27	25	17	392	*****	0	*****	5.940	25	*****	2.45	23
SAYRE	7952	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	6.890	31	5.36	2.20	23
SWEETWATER	8652	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.191	31	*****	2.65	23
TALOGA	8708	4	49.1	31	0	88	27	26	5	494	-12	0	-7	7.502	31	5.59	1.98	23
THOMAS	8815	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	6.450	31	*****	2.80	23
VICI	9172	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.680	30	*****	2.00	22
WATONGA	9364	4	52.0	31	2	80	26	29	4	404	-80	1	-6	5.442	31	3.23	2.54	23
WEATHERFORD	9422	4	53.0	30	5	91	26	27	4	362	-166	3	3	4.140	31	2.23	2.23	22

MARCH 2000 SUMMARY FOR CENTRAL DIVISION (CD5)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV		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
					FROM NORM	MAX TEMP												
AMBER	200	5	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.140	31	*****	0.71	23
ARCADIA	288	5	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.120	31	*****	0.53	3
BLANCHARD	830	5	55.5	31	3	83	26	31	12	299	-103	6	-8	3.311	31	0.62	0.72	22
BRISTOW	1144	5	54.9	29 *	****	83	24	22	12	297	*****	4	*****	3.290	30	*****	0.64	3
CHANDLER	1684	5	55.5	17 *	****	83	25	33	13	166	*****	4	*****	3.400	29	*****	1.04	22
CHICKASHA EXP	1750	5	55.7	31	4	86	26	27	12	293	-117	4	-8	4.200	31	1.70	1.02	22
COX CITY	2196	5	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.660	31	*****	1.46	22
CRESCENT	2242	5	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.210	31	*****	1.20	3
CUSHING	2318	5	53.1	31	4	81	25	29	12	374	-137	5	-5	4.290	31	1.19	1.30	3
EDMOND	2788	5	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.360	31	*****	0.95	2
EL RENO	2818	5	52.0	31	2	82	27	29	12	403	-60	0	-8	3.900	31	1.56	1.10	23
GUTHRIE	3821	5	53.3	30	2	83	27	25	1	356	-80	4	-8	2.952	31	0.13	1.04	3
HENNESSEY	4055	5	50.2	28 *	****	77	26	28	12	414	*****	0	*****	3.600	30	*****	1.20	23
INGALLS	4489	5	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.490	31	*****	0.64	3
KINGFISHER	4861	5	52.4	31	2	81	27	29	12	392	-54	3	-7	3.840	31	1.59	1.22	23
KONAWA	4915	5	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.560	31	1.35	1.73	21
MARSHALL	5589	5	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.930	31	1.46	1.46	23
MEEKER	5779	5	50.2	31	-2	79	25	24	12	460	36	0	-11	3.091	31	0.28	1.27	22
MULHALL	6110	5	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.890	31	*****	0.83	4
NORMAN NWS	6386	5	52.7	31	0	81	26	28	12	382	-22	1	-12	3.821	31	0.93	0.68	2
OKEMAH	6638	5	55.9	31	4	82	24	31	12	288	-130	6	-9	3.540	31	0.39	1.20	22
OKLAHOMA CTY	6659	5	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.202	31	*****	0.67	22
OKLAHOMA CTY	6661	5	53.4	31	3	82	26	27	12	362	-103	3	-7	3.123	31	0.41	0.49	23
PERKINS	7003	5	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.120	31	0.22	0.86	3
PIEDMONT	7068	5	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.510	31	*****	0.76	3
PRAGUE	7264	5	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.460	31	1.28	1.57	22
PURCELL	7327	5	54.4	30	2	82	27	28	12	322	-78	3	-9	2.841	31	-0.29	0.85	22
SEMINOLE	8042	5	52.5	31	-1	82	26	25	12	391	13	2	-17	3.040	31	-0.23	1.20	21
SHAWNEE	8110	5	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.571	31	0.38	1.53	22
STILLWATER	8501	5	52.3	31	4	83	25	29	12	397	-131	3	-4	4.012	31	1.22	0.99	3
STROUD	8563	5	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.000	31	*****	0.87	22
TECUMSEH	8751	5	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.370	31	*****	2.10	22
TROUSDALE	8960	5	53.9	31 *	****	81	27	29	4	349	*****	4	*****	3.830	31	*****	1.24	22
UNION CITY	9086	5	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.673	31	0.76	0.64	23
WELTY	9479	5	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.890	31	*****	0.68	3
WEWOKA	9575	5	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.970	31	0.72	1.10	22

MARCH 2000 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV		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
					FROM NORM	MAX TEMP												
ASHLAND	364	6	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.200	31	*****	0.55	3
BEGGS	631	6	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.880	31	*****	1.20	3
CALVIN	1391	6	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	1.200	31	-2.60	0.50	22
CHECOTAH	1711	6	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.011	31	-1.69	0.60	3
CLAYTON	1858	6	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.070	31	*****	1.20	25
DEWAR	2485	6	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.133	31	-0.42	0.82	23
DUSTIN	2690	6	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.000	31	*****	1.33	2
EUFULA	2993	6	57.0	31	4	82	24	29	12	263	-115	15	-5	1.580	31	-2.59	0.65	4
HANNA	3884	6	54.4	31	2	81	24	23	12	332	-66	2	-14	2.400	31	-1.67	0.49	27
HASKELL	3956	6	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.110	31	0.51	1.32	3
HOLDENVILLE	4235	6	55.2	31	3	84	25	25	13	311	-90	6	-6	2.643	31	-0.70	1.09	21
LAKE EUFAULA	4975	6	53.5	31 *	****	80	25	29	14	363	*****	5	*****	2.063	31	*****	1.01	3
LYONS	5437	6	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.210	31	-1.04	1.18	3
MARBLE CITY	5546	6	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.440	31	*****	1.24	3
MCALESTER	5664	6	55.8	31	4	82	24	25	12	299	-113	12	-2	2.906	31	-1.09	0.94	26
MCCURTAIN	5693	6	56.4	31	3	82	24	24	12	286	-92	18	-3	2.904	31	-1.21	1.00	27
MUSKOGEE	6130	6	53.8	31	2	82	24	24	12	353	-63	7	-7	3.103	31	-0.45	0.73	2
OKMULGEE	6670	6	53.0	31	3	82	24	24	12	373	-115	0	-9	3.103	31	-0.35	0.55	7
OKTAHA	6678	6	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.061	31	*****	0.82	27
SALLISAW	7862	6	54.9	31	3	82	26	25	12	327	-79	14	1	1.820	31	-2.42	0.94	3
SCPIO	7979	6	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.540	31	*****	0.56	3
SHORT	8170	6	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.060	31	*****	0.85	3
STILWELL	8506	6	51.5	31	1	78	24	25	22	421	-41	2	-10	4.300	31	0.02	1.86	3
TAHLEQUAH	8677	6	53.5	31	2	81	7	22	12	360	-84	4	-9	3.641	31	-0.45	1.40	3
WEBBERS FALL	9445	6	54.0	31	4	83	25	24	13	348	-124	8	1	2.610	31	-1.34	0.95	3
WETUMKA	9571	6	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.871	31	-0.73	0.55	22

MARCH 2000 SUMMARY FOR SOUTHWEST DIVISION (CD7)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV		DAY	MIN TEMP	DAY	HEAT		DEV		TOT PPT	NUM OBS	DEV		DAY
					FROM NORM	MAX TEMP				DEG DAY	FROM NORM	DEG DAY	FROM NORM			MAX TEMP		
ALTUS	179	7	53.7	30	0	86	26	28	12	344	-26	4	-10	4.870	31	3.31	3.22	23
ALTUS DAM	184	7	54.7	31	4	85	27	31	4	323	-126	5	-5	5.400	31	3.67	2.70	23
ANADARKO	224	7	51.1	30	0	81	27	27	13	416	-13	0	-7	3.970	30	****	1.47	23
APACHE	260	7	****	0*	****	****	0	****	0	*****	*****	*****	*****	4.420	31	2.07	1.90	23
ALTUS AFB	447	7	****	0*	****	****	0	****	0	*****	*****	*****	*****	1.923	31	****	0.95	24
CARNEGIE	1504	7	50.8	30	-1	82	27	28	11	430	-1	2	-6	4.901	30	****	2.51	23
CHATTANOOGA	1706	7	53.0	30	0	82	27	27	4	360	-27	0	-12	3.700	30	****	2.65	23
DUNCAN 11 W	2668	7	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.241	31	****	1.51	23
FREDERICK	3353	7	55.9	27*	****	84	26	34	17	252	*****	7	*****	4.030	28	****	2.02	22
HEADRICK	3998	7	****	0*	****	****	0	****	0	*****	*****	*****	*****	5.601	31	****	4.01	23
HOBART	4204	7	52.3	30	1	83	27	30	13	382	-46	2	-9	4.250	30	****	2.29	24
HOLLIS	4249	7	53.6	30	1	85	26	27	11	346	-42	5	-7	4.050	31	2.67	2.72	23
LAWTON	5063	7	54.5	31	3	85	27	32	4	329	-105	5	-5	3.952	31	1.82	2.26	23
LOOKEBA	5329	7	****	0*	****	****	0	****	0	*****	*****	*****	*****	4.274	31	2.09	2.30	23
MANGUM	5509	7	52.9	31	0	85	27	29	17	376	-12	1	-15	3.550	31	2.02	1.50	23
RANDLETT	7403	7	****	0*	****	****	0	****	0	*****	*****	*****	*****	2.921	31	****	1.78	23
ROOSEVELT	7727	7	****	0*	****	****	0	****	0	*****	*****	*****	*****	4.850	31	3.12	2.00	23
SEDAN	8016	7	****	0*	****	****	0	****	0	*****	*****	*****	*****	4.630	31	****	2.40	23
SNYDER	8299	7	****	0*	****	****	0	****	0	*****	*****	*****	*****	4.350	31	2.56	2.40	23
VINSON	9212	7	****	0*	****	****	0	****	0	*****	*****	*****	*****	4.820	31	3.35	3.02	23
WALTERS	9278	7	54.6	31	1	85	27	30	4	324	-35	2	-15	2.930	31	0.38	1.77	23
WICHITA MT	9629	7	54.8	30	5	83	27	29	12	311	-177	5	-6	0.000	30	****	0.00	31
WILLOW	9668	7	****	0*	****	****	0	****	0	*****	*****	*****	*****	4.620	31	****	2.93	22

MARCH 2000 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV		DAY	MIN TEMP	DAY	HEAT		DEV		TOT PPT	NUM OBS	DEV		DAY
					FROM NORM	MAX TEMP				DEG DAY	FROM NORM	DEG DAY	FROM NORM			MAX TEMP		
ADA	17	8	54.3	31	1	83	25	29	12	337	-55	4	-13	4.340	31	1.08	1.78	22
ALLEN	147	8	****	0*	****	****	0	****	0	*****	*****	*****	*****	2.800	31	****	1.10	22
ARDMORE	292	8	58.5	27*	****	85	28	34	12	204	*****	27	*****	3.320	28	****	1.40	21
BOKCHITO	917	8	****	0*	****	****	0	****	0	*****	*****	*****	*****	4.770	31	****	1.50	17
CANEY	1437	8	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.550	31	****	0.72	16
CENTRAHOMA	1648	8	54.4	28*	****	84	27	25	12	304	*****	8	*****	2.300	28	****	0.40	15
CHICKASAW	1745	8	54.7	30	3	83	29	27	12	319	-118	11	-1	4.820	31	1.38	2.05	22
COLEMAN	2011	8	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.280	31	****	0.97	3
COMANCHE	2054	8	55.7	31*	****	82	26	32	11	295	*****	6	*****	2.530	31	-0.10	0.75	21
DAISY	2354	8	****	0*	****	****	0	****	0	*****	*****	*****	*****	2.374	31	-2.01	0.70	27
DUNCAN	2660	8	54.2	30	2	82	27	30	11	332	-89	7	-6	3.851	31	1.26	1.50	23
DURANT	2678	8	58.1	16*	****	85	26	35	17	120	*****	10	*****	0.100	17	****	0.10	15
ELMORE CITY	2872	8	****	0*	****	****	0	****	0	*****	*****	*****	*****	2.910	31	****	1.22	22
GRADY	3688	8	****	0*	****	****	0	****	0	*****	*****	*****	*****	1.550	31	****	0.62	2
HEALDTON	4001	8	54.9	31	1	84	29	28	12	326	-41	14	-6	3.100	31	0.19	0.90	22
HENNEPIN	4052	8	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.021	31	****	1.63	22
KETCHUM RAN	4780	8	****	0*	****	****	0	****	0	*****	*****	*****	*****	2.740	31	****	0.56	21
KINGSTON	4865	8	****	0*	****	****	0	****	0	*****	*****	*****	*****	4.510	31	0.95	1.34	2
LEHIGH	5108	8	****	0*	****	****	0	****	0	*****	*****	*****	*****	2.056	31	****	0.70	3
LINDSAY	5216	8	52.3	31	0	81	26	25	11	396	1	2	-12	3.230	31	0.34	1.21	21
LOCO	5247	8	****	0*	****	****	0	****	0	*****	*****	*****	*****	2.950	31	****	0.85	29
MADILL	5468	8	56.1	30	2	85	26	29	13	284	-66	16	-5	3.370	30	****	1.32	15
MARIETTA	5563	8	54.5	31	0	84	26	26	12	332	-10	6	-14	3.140	31	-0.17	0.94	22
MARLOW	5581	8	56.0	31	3	83	26	27	4	286	-101	6	-8	4.040	31	1.60	1.11	23
MCGEE CREEK	5713	8	57.3	31*	****	86	29	28	12	255	*****	17	*****	2.830	31	****	0.57	15
PAULS VALLEY	6926	8	53.0	31	0	82	27	24	12	376	2	4	-12	2.870	31	-0.05	1.71	22
PONTOTOC	7214	8	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.751	31	0.10	0.99	21
TISHOMINGO	8884	8	****	0*	****	****	0	****	0	*****	*****	*****	*****	5.310	31	1.61	3.59	2
TUSSY	9032	8	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.440	31	****	1.30	21
WAURIKA	9395	8	57.7	31	3	87	28	31	12	238	-101	12	-11	1.231	31	-1.13	0.69	23

MARCH 2000 SUMMARY FOR SOUTHEAST DIVISION (CD9)

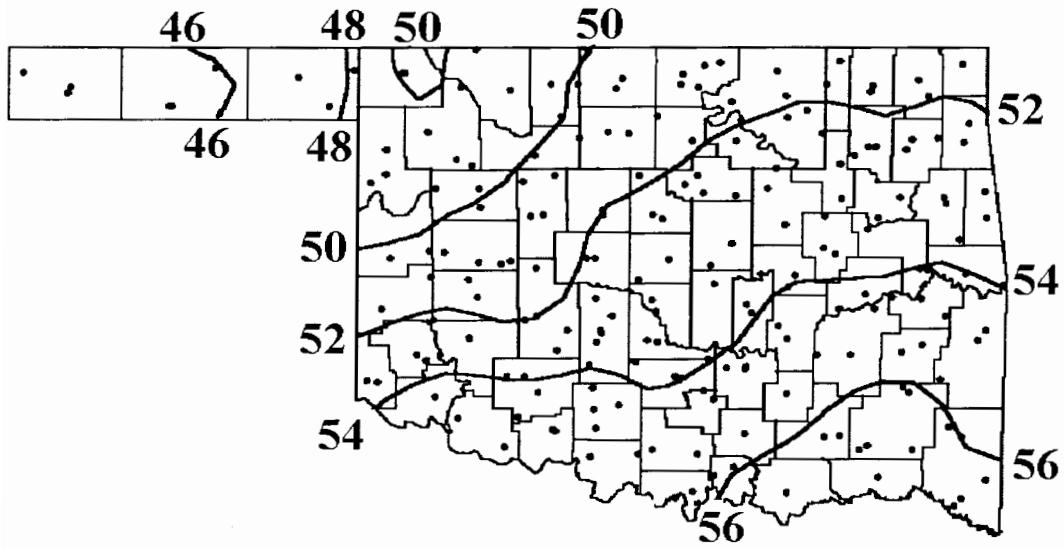
NAME	ID	CD	MEAN TEMP	NUM OBS	DEV		MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV		DAY	
					FROM NORM	MAX TEMP									FROM NORM	MAX 24-HR		
ANTLERS	256	9	56.7	31	3	79	26	25	12	266	-97	8	-12	3.220	31	-0.57	1.40	26
BATTIEST	567	9	56.8	31 *	****	82	29	31	13	259	*****	5	*****	4.090	31	*****	1.40	26
BENGAL	670	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.061	31	*****	0.63	3
BROKEN BOW	1162	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.250	31	-2.64	0.70	11
CARNASAW	1499	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.761	31	-1.50	1.34	26
CARTER TWR	1544	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.440	31	-1.42	0.86	3
FANSHAWE	3065	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.860	31	-1.47	1.15	3
HEAVENER	4008	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.860	31	-1.22	1.15	26
IDABEL	4451	9	58.6	31	5	83	29	33	20	217	-154	20	8	3.330	31	-1.52	0.95	26
PAGE	6842	9	56.0	29 *	****	80	29	24	12	270	*****	10	*****	1.442	29	*****	0.76	11
POTEAU	7254	9	55.0	31 *	****	84	7	23	11	318	*****	8	*****	2.013	31	*****	0.72	2
SMITHVILLE	8285	9	53.5	29 *	****	83	29	21	12	335	*****	1	*****	4.882	31	-0.45	1.57	26
SPIRO	8416	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.190	31	-2.12	0.51	3
TUSKAHOMA	9023	9	57.3	31	3	83	28	23	12	253	-106	16	-3	3.732	31	-0.40	0.96	29
VALLIANT	9118	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.610	31	-0.85	1.24	27
WILBURTON	9634	9	55.1	30	2	81	24	23	12	301	-96	5	-10	2.071	31	-2.10	0.80	2
WISTER	9724	9	51.6	21 *	****	81	8	22	12	283	*****	1	*****	2.340	31	*****	0.54	2

MARCH 2000 CLIMATE DIVISION SUMMARY

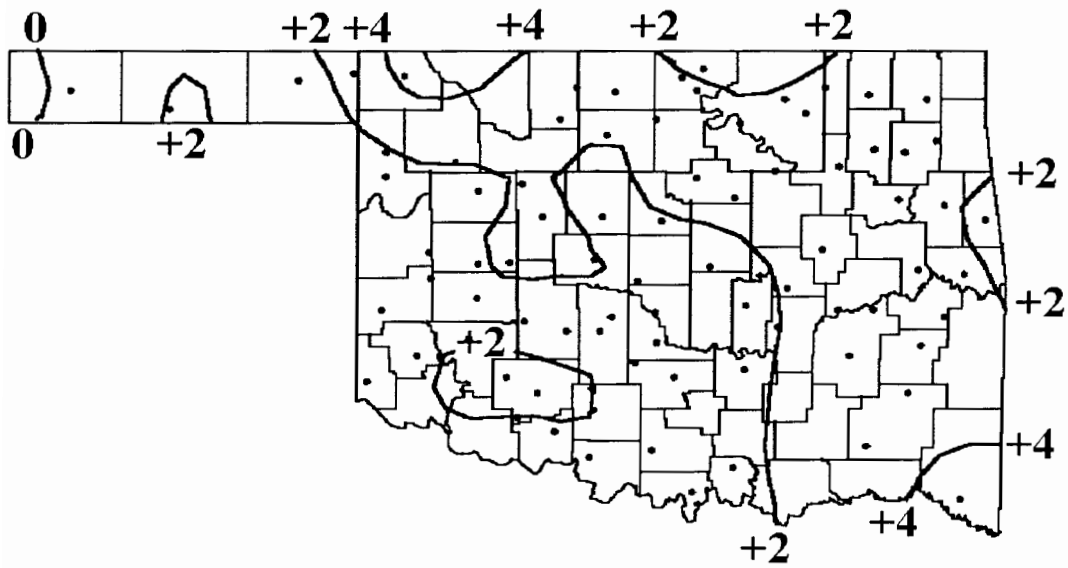
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			FROM NORM	MAX TEMP									FROM NORM	MAX 24-HR		
1	48.1	8	2	83	25	14	17	523	-78	1	-1	4.900	11	3.58	2.43	23
2	50.1	11	2	82	27	22	18	462	-64	1	-7	6.020	19	3.75	3.23	16
3	52.9	13	3	85	24	23	12	376	-103	3	-7	4.790	25	1.35	2.50	10
4	51.0	10	2	91	26	25	17	433	-56	0	-6	5.690	18	3.77	2.99	23
5	53.4	14	2	86	26	22	12	362	-73	3	-8	3.480	33	0.62	2.10	22
6	54.4	12	3	84	25	22	12	336	-87	8	-6	2.880	26	-0.99	1.86	3
7	53.3	11	1	86	26	27	11	358	-55	3	-9	4.140	17	2.21	4.01	23
8	55.0	12	2	87	28	24	12	315	-61	9	-9	3.270	26	0.07	3.59	2
9	56.6	6	3	84	7	21	12	269	-113	10	-5	3.040	16 -	1.49	1.57	26

MESONET MONTHLY SUMMARY FOR MARCH 2000

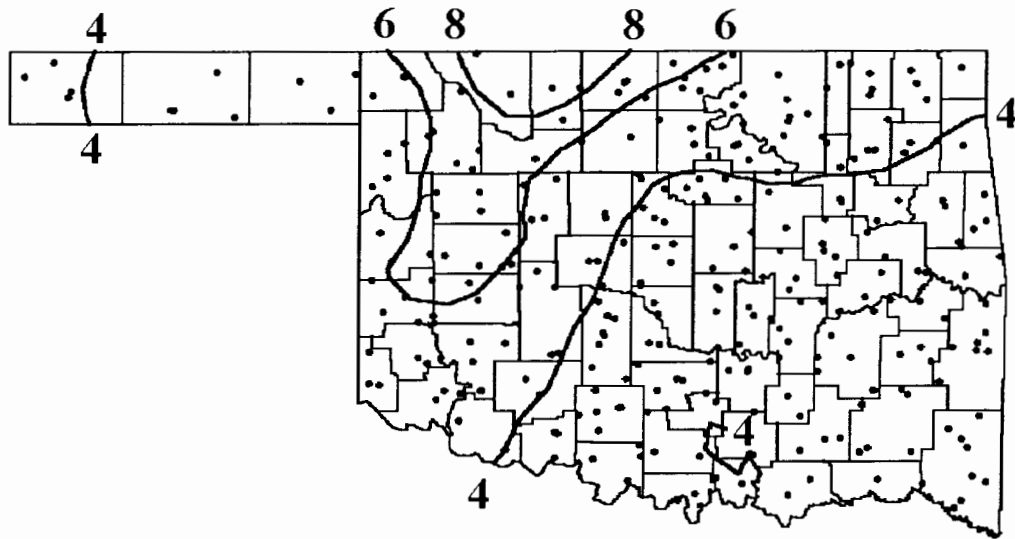
NAME	MEAN TEMP	MAX TEMP	MIN			HDD	CDD	TOT PPT			NAME	MEAN TEMP	MAX TEMP	MIN			HDD	CDD	TOT PPT		
			DAY	TEMP	DAY			PPT	24-HR	DAY				TEMP	DAY	PPT			24-HR	DAY	
PANHANDLE																					
Arnett	49.0	78	26	24	16	495	0	5.10	1.47	23	Goodwell	45.4	77	20	23	11	608	0	5.39	1.50	23
Beaver	47.1	79	6	24	16	554	0	4.54	1.31	22	Hooker	45.8	78	20	23	16	596	0	6.41	1.77	23
Boise City	43.5	74	26	13	17	668	0	3.87	0.85	23	Kenton	45.1	75	27	20	17	616	0	2.74	0.61	22
Buffalo	48.5	79	6	25	16	511	0	6.25	1.65	23	Slapout	47.5	78	6	23	16	543	0	4.43	1.37	22
NORTH CENTRAL																					
Alva	49.1	79	26	27	10	492	0	9.24	2.66	23	May Ranch	48.6	78	6	24	16	508	0	9.00	2.34	23
Blackwell	51.0	77	24	26	12	436	1	5.66	1.09	15	Medford	50.2	76	26	28	12	458	0	7.34	1.39	23
Breckenridge	50.3	75	6	29	12	454	0	3.99	1.14	23	Newkirk	50.6	77	6	28	11	447	0	7.66	2.20	15
Cherokee	49.6	77	26	28	4	476	0	10.42	2.46	23	Red Rock	51.9	80	24	28	12	408	0	5.04	0.76	2
Fairview	50.0	79	26	28	4	464	0	7.14	3.01	23	Seiling	49.8	80	26	27	16	471	0	6.92	2.30	23
Freedom	48.7	81	26	24	10	506	0	7.95	1.84	23	Woodward	49.4	80	26	24	16	484	0	6.80	1.78	23
Lahoma	50.0	76	26	29	4	465	0	5.83	1.82	23											
NORTHEAST																					
Bixby	53.5	81	24	26	12	356	1	3.22	0.82	3	Nowata	50.9	77	24	25	12	436	0	5.37	1.32	3
Burbank	51.6	80	24	24	12	416	0	7.11	1.32	2	Pawnee	52.5	81	24	27	12	387	1	5.08	1.23	22
Catoosa	53.2	80	24	30	12	370	4	5.13	1.14	2	Porter	54.2	82	24	27	12	339	5	2.34	0.72	2
Claremore	52.5	81	24	25	12	387	1	4.03	0.97	3	Pryor	51.8	79	7	25	12	409	1	4.05	1.18	26
Copan	51.0	78	24	25	12	435	0	5.64	1.12	29	Skiatook	52.0	80	24	29	11	403	1	5.38	1.17	2
Foraker	51.1	81	24	25	12	432	0	6.35	1.20	22	Vinita	50.7	78	7	24	12	442	0	5.11	1.46	29
Jay	51.9	78	7	23	12	409	4	*****	*****	2	Wynona	51.8	80	24	27	12	409	0	6.50	1.15	22
Miami	51.4	78	7	26	12	421	0	4.37	1.08	3											
WEST CENTRAL																					
Bessie	52.0	83	26	29	12	405	2	8.16	3.97	23	Putnam	50.0	77	26	28	16	466	0	7.46	2.79	23
Butler	52.1	84	26	29	4	399	0	7.01	2.18	23	Retrop	52.8	84	26	29	11	381	3	5.71	2.00	23
Camargo	49.6	78	26	26	16	476	0	6.64	2.01	23	Watonga	50.0	79	26	29	16	463	0	6.86	3.19	23
Cheyenne	50.7	82	26	26	16	446	3	7.61	1.85	23	Weatherford	50.4	79	26	29	11	454	0	6.45	3.07	23
Erick	51.4	83	26	28	11	423	0	6.62	1.79	23											
CENTRAL																					
Acme	53.9	84	26	27	4	348	5	4.15	1.09	23	Minco	52.4	82	26	30	11	392	2	3.97	0.85	2
Bowlegs	53.5	82	24	24	12	359	3	4.32	0.99	22	Ninnekah	53.3	83	26	28	4	365	1	4.01	1.31	23
Bristow	52.5	81	24	22	12	389	1	3.73	0.78	26	Norman	53.1	81	26	25	12	372	2	3.53	0.50	2
Chandler	53.3	80	24	27	12	365	3	3.80	1.18	22	Oilton	52.0	81	24	23	12	404	1	3.87	0.73	22
Chickasha	53.4	83	26	26	12	360	0	4.03	0.94	23	Okemah	53.5	81	24	24	12	359	2	3.55	1.52	22
El Reno	51.5	81	26	27	4	419	0	5.43	1.20	22	Perkins	52.8	79	24	29	12	378	1	3.53	0.52	16
Guthrie	52.9	80	26	29	4	375	1	4.70	1.08	2	Shawnee	53.4	79	24	27	12	350	2	3.61	1.19	22
Kingfisher	51.4	77	26	28	4	422	0	4.92	1.24	23	Spencer	53.3	82	26	30	4	366	4	2.87	0.51	17
Marena	52.6	80	24	25	12	386	0	3.95	0.82	2	Stillwater	52.5	81	24	26	12	390	1	4.45	0.77	22
Marshall	51.9	77	6	27	4	407	0	4.60	0.88	23	Washington	53.9	82	26	28	12	348	4	3.19	0.71	22
EAST CENTRAL																					
Calvin	54.2	82	24	22	12	337	3	2.58	0.41	2	Sallisaw	54.5	82	7	24	12	337	12	1.43	0.65	2
Cookson	53.0	82	25	22	12	380	8	2.68	1.12	2	Stigler	54.2	82	24	24	12	344	8	2.30	1.01	2
Eufaula	54.5	80	24	28	12	330	5	1.61	0.58	2	Stuart	55.0	82	25	26	12	317	8	1.66	0.38	21
Haskell	53.1	80	24	25	12	368	1	3.25	0.61	26	Tahlequah	52.5	79	7	22	12	390	2	3.04	1.16	2
Hectorville	53.9	80	24	28	12	348	4	3.15	0.69	3	Webbers Falls	54.7	83	7	25	12	329	11	2.42	1.01	2
McAlester	55.3	82	24	25	12	311	11	3.32	1.04	26	Westville	52.5	78	7	25	12	392	3	3.75	1.36	2
Okmulgee	53.3	82	24	23	12	363	1	2.41	0.64	2											
SOUTHWEST																					
Altus	54.5	84	26	30	11	329	3	5.26	2.46	23	Hollis	53.9	86	26	27	11	350	7	4.35	1.98	23
Apache	52.8	82	26	28	12	381	3	3.32	0.75	23	Mangum	53.2	85	26	28	4	366	1	4.82	2.05	23
Fort Cobb	52.7	82	26	30	4	381	1	*****	*****	**	Medicine Park	54.3	83	26	31	11	338	7	4.43	2.16	23
Grandfield	55.0	86	26	27	12	316	5	4.34	2.84	23	Tipton	55.2	85	26	29	11	309	5	4.18	1.50	23
Hinton	51.2	82	26	28	11	429	0	6.08	2.89	23	Walters	55.2	85	26	28	4	308	4	3.42	1.98	23
Hobart	52.2	82	26	30	4	397	1	5.64	2.77	23											
SOUTH CENTRAL																					
Ada	54.2	83	24	26	12	343	8	4.47	1.51	21	Madill	56.1	82	25	29	12	287	10	3.87	0.96	2
Ardmore	55.7	83	25	29	12	302	13	4.72	1.06	21	Pauls Valley	54.7	82	24	29	12	324	5	3.20	1.13	21
Burneyville	56.0	84	25	27	12	289	11	2.45	0.81	21	Ringling	55.4	83	26	29	12	306	8	2.59	0.49	28
Byars	54.0	81	24	30	12	347	4	4.19	1.04	21	Sulphur	54.5	82	24	30	4	332	6	4.88	1.41	21
Centrahoma	55.2	83	25	23	12	316	11	2.22	0.52	2	Tishomingo	55.2	83	25	25	12	315	11	3.19	0.58	14
Durant	57.0	84	25	29	12	265	16	2.73	0.55	2	Vanoss	54.4	83	24	24	12	336	8	4.12	0.98	22
Ketchum Ranch	54.9	83	26	29	12	320	6	3.03	0.61	21	Waurika	56.1	85	26	30	4	285	9	1.74	0.63	23
Lane	56.2	83	25	26	12	290	17	2.48	0.63	14											
SOUTHEAST																					
Antlers	56.0	85	28	22	12	291	13	2.92	0.80	10	Idabel	57.0	81	28	27	12	250	12	2.97	0.92	10
Broken Bow	56.6	84	28	27	12	264	11	2.72	0.86	10	Mt Herman	54.9	79	28	25	12	307	3	3.17	0.87	10
Clayton	56.0	83	28	24	12	292	12	2.13	0.60	25	Talihina	55.9	81	28	24	12	296	14	2.91	0.65	10
Cloudy	56.3	81	28	26	12	265	6	3.63	0.98	10	Wilburton	55.0	82	24	24	12	322	11	2.53	0.80	26
Hugo	57.5	82	28	29	12	253	19	3.29	0.82	10	Wister	53.3	81	7	21	12	363	1	2.70	1.08	26



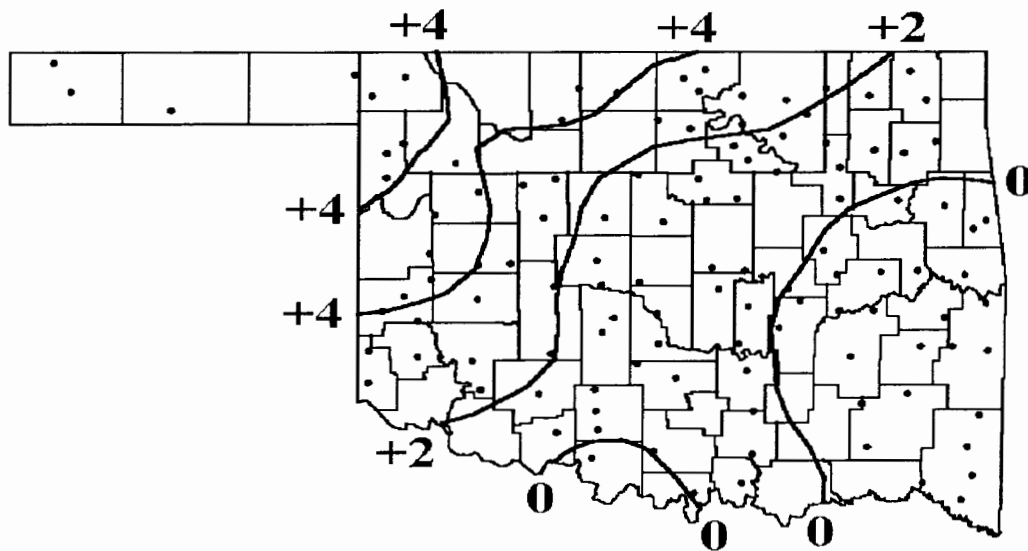
MARCH 2000 AVERAGE MONTHLY TEMPERATURE (F)



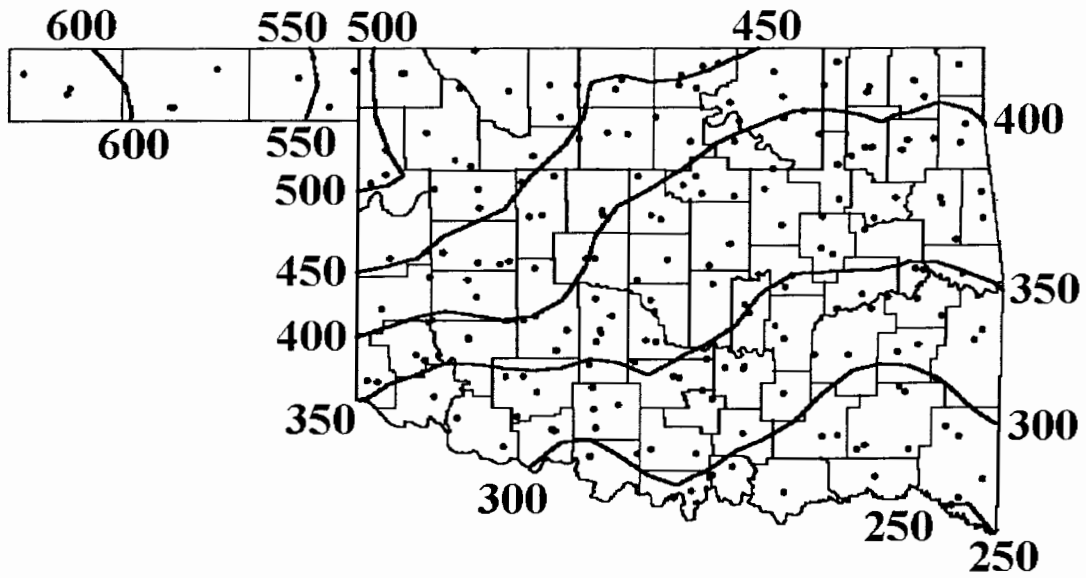
MARCH 2000 DEPARTURE FROM NORMAL TEMPERATURE (F)



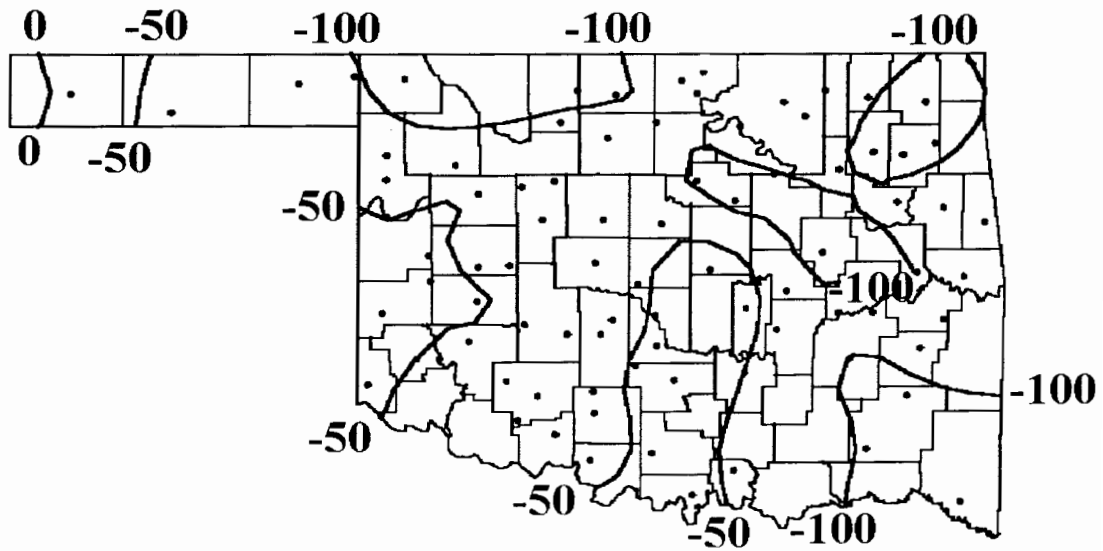
MARCH 2000 TOTAL PRECIPITATION (INCHES)



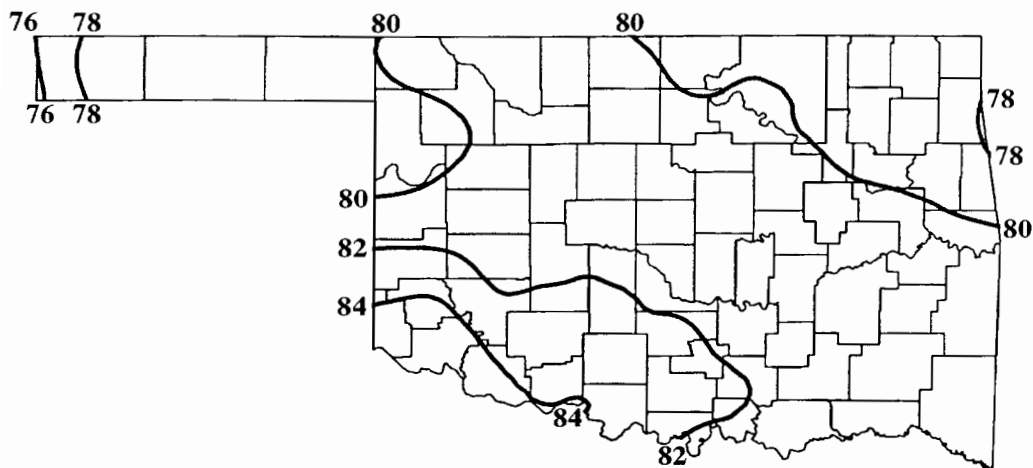
MARCH 2000 DEPARTURE FROM NORMAL PRECIPITATION (INCHES)



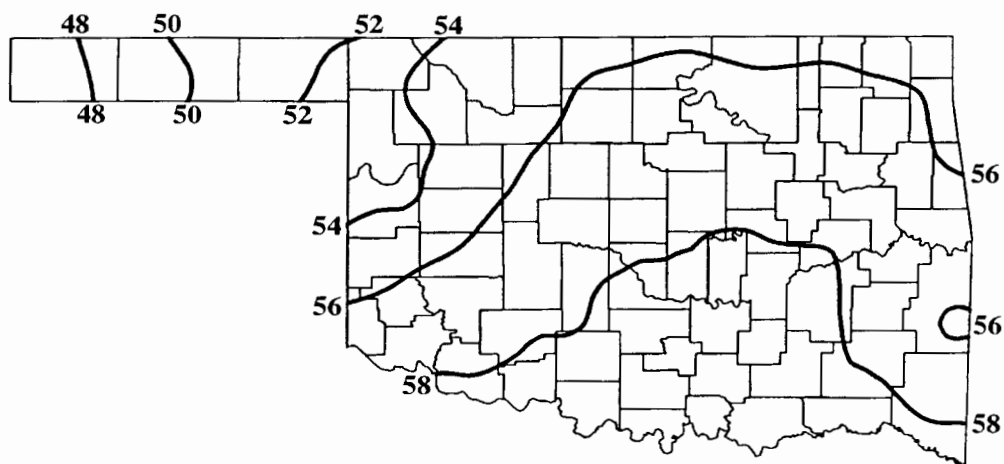
MARCH 2000 ACCUMULATED HEATING DEGREE DAYS (F)



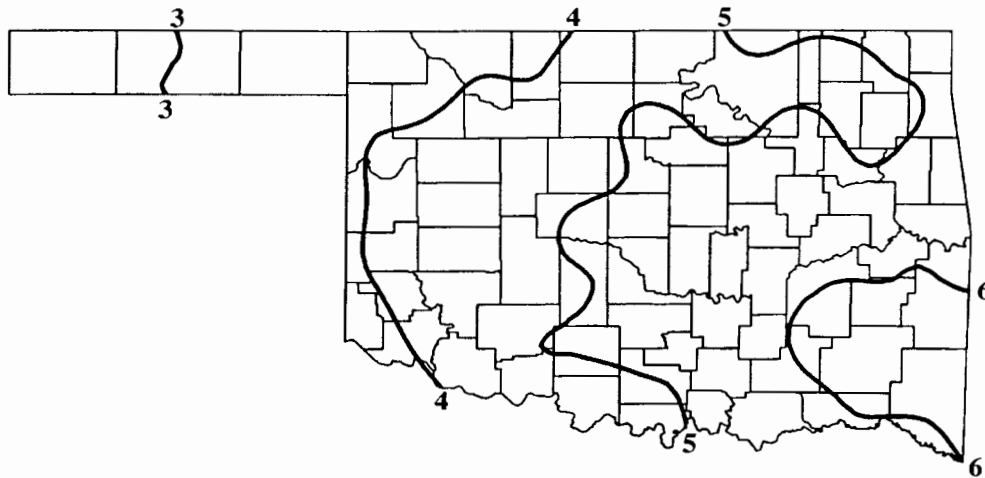
MARCH 2000 DEPARTURE FROM NORMAL HEATING DEGREE DAYS (F)



MAY NORMAL DAILY MAXIMUM TEMPERATURE (F)



MAY NORMAL DAILY MINIMUM TEMPERATURE (F)



MAY NORMAL MONTHLY PRECIPITATION (INCHES)

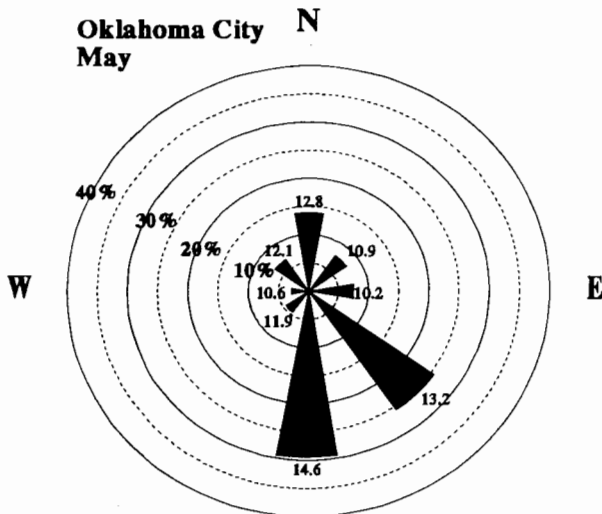
OUTLOOK FOR MAY 2000 THROUGH JULY 2000

BASED ON SEASONAL OUTLOOK PROVIDED BY THE CLIMATE PREDICTION CENTER

TEMPERATURE: ABOVE NORMAL TEMPERATURE STATEWIDE

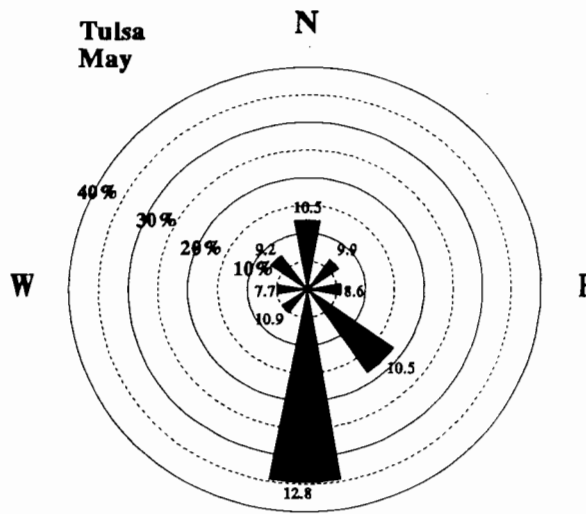
PRECIPITATION: BELOW NORMAL PRECIPITATION STATEWIDE

**Oklahoma City
May**



Calm=1.6%
Mean Speed= 12.7 mph **S**

**Tulsa
May**



Calm=5.1%
Mean Speed= 10.4 mph **S**

May Wind Roses for Oklahoma City and Tulsa. The frequency (percent) of winds from each direction is represented by length of its bar. The numbers at the ends of the bars indicate the average wind speed from that direction in miles per hour.

MAY SUNRISE/SUNSET TIMES FOR 2000

ALL TIMES ARE CENTRAL STANDARD TIME

OKLAHOMA CITY

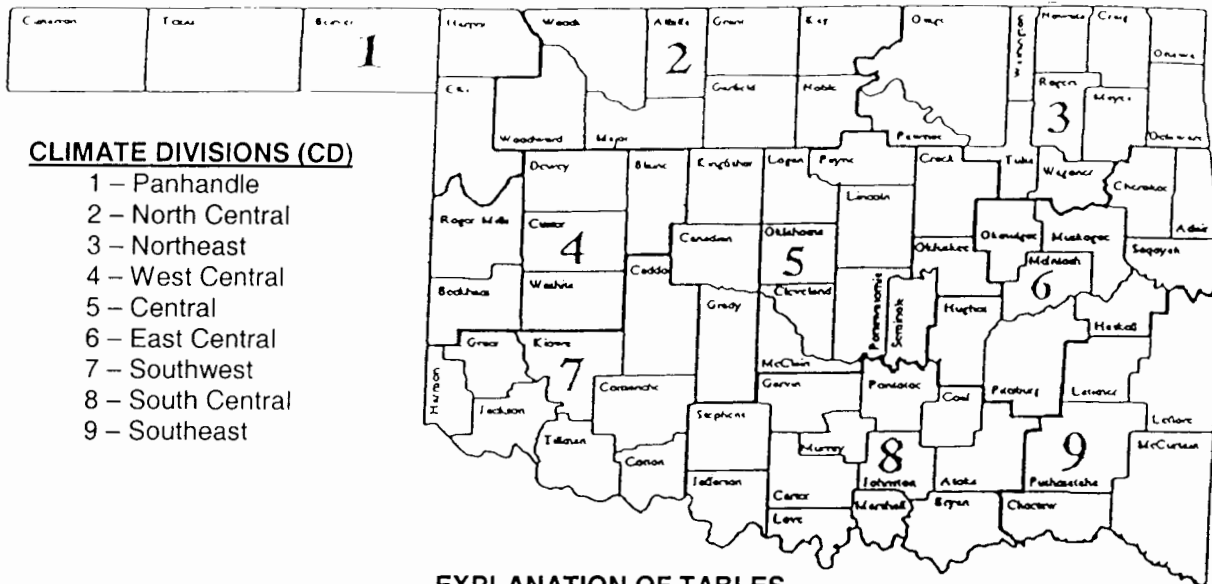
DATE	SUNRISE	SUNSET
5/1/00	538	1917
5/2/00	537	1918
5/3/00	536	1918
5/4/00	535	1919
5/5/00	534	1920
5/6/00	533	1921
5/7/00	532	1922
5/8/00	531	1923
5/9/00	530	1923
5/10/00	529	1924
5/11/00	528	1925
5/12/00	528	1926
5/13/00	527	1927
5/14/00	526	1927
5/15/00	525	1928
5/16/00	524	1929
5/17/00	524	1930
5/18/00	523	1931
5/19/00	522	1931
5/20/00	522	1932
5/21/00	521	1933
5/22/00	520	1934
5/23/00	520	1934
5/24/00	519	1935
5/25/00	519	1936
5/26/00	518	1936
5/27/00	518	1937
5/28/00	517	1938
5/29/00	517	1938
5/30/00	517	1939
5/31/00	516	1940

TULSA

DATE	SUNRISE	SUNSET
5/1/00	531	1912
5/2/00	529	1912
5/3/00	528	1913
5/4/00	527	1914
5/5/00	526	1915
5/6/00	525	1916
5/7/00	524	1917
5/8/00	523	1918
5/9/00	522	1918
5/10/00	522	1919
5/11/00	521	1920
5/12/00	520	1921
5/13/00	519	1922
5/14/00	518	1922
5/15/00	517	1923
5/16/00	517	1924
5/17/00	516	1925
5/18/00	515	1926
5/19/00	514	1926
5/20/00	514	1927
5/21/00	513	1928
5/22/00	512	1929
5/23/00	512	1930
5/24/00	511	1930
5/25/00	511	1931
5/26/00	510	1932
5/27/00	510	1932
5/28/00	509	1933
5/29/00	509	1934
5/30/00	509	1934
5/31/00	508	1935

ADD ONE HOUR FOR CENTRAL DAYLIGHT TIME

OKLAHOMA



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 2000 HDD would be calculated as:

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

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:

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

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 a 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 the 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
 DATA COURTESY OF NATIONAL WEATHER SERVICE NORMAN

MONTH May

The data on this calendar is for Oklahoma City.
 Normal values are calculated for the period 1961-1990.
 Temperature extremes are for the period 1891-1999.
 Precipitation extremes are for the period 1891-1999.

Day	Avg. Temp	Avg. High	Record High	Year	Lowest Max	Year	2000	Avg. Low	Highest Min	Year	Record Low	Year	2000	Avg. Ppt.	Greatest Ppt.	Year	2000
1	64	76	93	1948	53	1966		53	66	1938	33	1909		0.13	1.63	1954	
2	65	76	94	1943	51	1994		54	69	1959	39	1961		0.14	2.99	1990	
3	65	76	95	1920	49	1978		54	70	1949	32	1954		0.14	3.58	1898	
4	65	76	93	1955	44	1935		54	72	1950	34	1907		0.15	3.6	1898	
5	66	76	94	1940	50	1935		55	69	1940	37	1917		0.15	4.24	1899	
6	66	77	92	1918	48	1908		55	70	1986	37	1944		0.16	2.61	1930	
7	66	77	93	1955	55	1893		55	71	1927	39	1917		0.16	2.27	1892	
8	66	77	96	1918	50	1943		55	70	1927	37	1917		0.16	6.64	1993	
9	66	77	93	1895	55	1943		56	70	1963	40	1923		0.16	3.37	1943	
10	67	78	96	1967	53	1954		56	71	1963	40	1924		0.17	4.71	1950	
11	67	78	94	1923	54	1954		56	70	1963	37	1981		0.17	2.85	1920	
12	67	78	93	1992	55	1914		56	72	1956	39	1979		0.17	2.26	1982	
13	68	78	95	1984	49	1953		57	69	1991	39	1971		0.17	2.58	1983	
14	68	78	92	1952	55	1934		57	70	1998	41	1953		0.17	2.48	1986	
15	68	79	90	1966	48	1945		57	72	1999	38	1907		0.18	3.59	1920	
16	68	79	92	1966	56	1920		58	75	1974	42	1945		0.18	1.81	1986	
17	69	79	96	1966	61	1986		58	74	1974	40	1945		0.18	3.17	1951	
18	69	79	95	1956	59	1943		58	72	1996	45	1976		0.18	1.5	1902	
19	69	80	96	1973	61	1943		59	72	1996	40	1894		0.18	3.35	1955	
20	69	80	94	1990	63	1942		59	74	1902	43	1981		0.18	2.74	1979	
21	69	80	95	1953	56	1968		59	73	1953	42	1892		0.18	2.81	1922	
22	70	81	98	1939	57	1892		59	74	1953	42	1931		0.18	3.09	1952	
23	70	81	99	1939	60	1963		60	76	1996	42	1892		0.18	4.16	1908	
24	70	81	94	1939	59	1995		60	74	1996	42	1935		0.18	4.06	1903	
25	71	81	93	1990	59	1995		60	72	1965	47	1947		0.18	1.49	1968	
26	71	82	96	1953	58	1950		61	74	1916	45	1901		0.18	3.22	1995	
27	72	82	96	1927	59	1893		61	74	1912	42	1907		0.18	5.38	1987	
28	72	82	93	1895	52	1992		61	71	1942	43	1947		0.18	2.33	1987	
29	72	82	94	1985	57	1902		62	73	1989	39	1947		0.18	5.63	1970	
30	72	83	104	1985	64	1915		62	74	1974	45	1947		0.18	1.67	1958	
31	73	83	98	1934	54	1903		62	74	1991	44	1983		0.17	2.14	1892	
MONTH	68.4	79.1	104	1985	44	1935		57.7	76	1996	32	1954		5.22	6.64	1993	

*The most tornadoes reported in May for Oklahoma was (91) in 1999.

TULSA CLIMATE CALENDAR
 DATA COURTESY OF NATIONAL WEATHER SERVICE NORMAN
 MONTH May

The data on this calendar is for Tulsa.
 Normal values are calculated for the period 1961-1990.
 Temperature extremes are for the period 1905-1999.
 Precipitation extremes are for the period 1888-1999.

Day	Avg. Temp	Avg. High	Record High	Year	Lowest Max	Year	2000	Avg. Low	Highest Min	Year	Record Low	Year	2000	Avg. Ppt.	Greatest Ppt.	Year	2000
1	66	77	89	1948	53	1966		55	71	1936	32	1909		0.16	2.10	1944	
2	66	77	94	1943	50	1994		55	69	1959	32	1909		0.16	1.70	1980	
3	66	77	96	1920	52	1978		55	68	1938	36	1976		0.16	2.19	1979	
4	66	77	96	1920	51	1935		55	72	1950	36	1954		0.17	2.30	1999	
5	67	77	92	1952	51	1935		56	71	1964	36	1907		0.17	2.88	1913	
6	67	77	90	1952	59	1944		56	71	1986	36	1944		0.17	2.50	1973	
7	67	78	93	1918	52	1910		56	72	1986	40	1931		0.17	4.09	1995	
8	67	78	97	1918	53	1943		56	71	1996	37	1938		0.18	3.66	1961	
9	67	78	93	1918	61	1924		57	72	1948	38	1923		0.18	6.15	1943	
10	68	78	93	1963	54	1924		57	71	1963	41	1909		0.18	4.36	1950	
11	68	78	94	1980	58	1912		57	74	1956	39	1924		0.18	2.83	1992	
12	68	79	91	1992	57	1939		57	75	1956	40	1960		0.18	4.05	1982	
13	69	79	93	1911	51	1953		58	72	1991	41	1971		0.18	4.47	1933	
14	69	79	93	1911	54	1907		58	71	1998	44	1976		0.18	2.51	1956	
15	69	79	95	1911	52	1945		58	72	1996	35	1907		0.19	2.05	1910	
16	69	80	94	1931	52	1945		59	74	1974	40	1907		0.19	1.40	1943	
17	69	80	94	1911	65	1935		59	76	1974	40	1945		0.19	1.89	1928	
18	70	80	94	1987	65	1952		59	74	1996	45	1976		0.19	2.48	1960	
19	70	80	94	1911	65	1981		60	74	1996	46	1968		0.19	3.91	1949	
20	70	80	94	1956	64	1967		60	71	1982	42	1981		0.19	2.50	1902	
21	71	81	95	1925	56	1968		60	73	1962	45	1915		0.19	1.90	1978	
22	71	81	93	1953	56	1917		61	77	1953	44	1931		0.19	2.10	1902	
23	71	81	93	1939	62	1963		61	75	1953	41	1917		0.19	1.47	1947	
24	71	82	94	1911	63	1956		61	75	1996	42	1935		0.19	3.16	1908	
25	72	82	94	1911	64	1995		61	75	1996	45	1925		0.19	1.80	1974	
26	72	82	94	1926	60	1992		62	73	1916	44	1925		0.19	2.40	1984	
27	72	82	94	1911	65	1992		62	75	1912	45	1961		0.18	6.95	1984	
28	72	83	94	1926	53	1992		62	73	1991	45	1947		0.18	2.08	1905	
29	72	83	98	1926	62	1947		62	76	1989	40	1947		0.18	1.60	1903	
30	73	83	98	1934	59	1964		63	76	1989	45	1947		0.18	2.71	1976	
31	73	83	100	1934	63	1907		63	77	1991	49	1930		0.18	2.50	1926	
MONTH	69.3	79.7	100	1934	50	1994		58.7	77	1991	32	1909		0.18	6.95	1984	

* The average number of tornadoes reported in MAY for Oklahoma is (20).