

OKLAHOMA MONTHLY SUMMARY REVISED MAY 2000

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MONTHLY SUMMARY FOR MAY 2000

Northeastern Oklahoma received more than its normal allotment of precipitation in May, but the remainder of the state suffered from a lack of rain and a searing heat that are unusual for so early in the season. The statewide-averaged precipitation for the month was 4.42 inches. Hard as it might be to convince the flooded residents of several northeastern counties, the state's precipitation for the month was 0.44 inch less than normal this year, the 37th driest May in Oklahoma since 1892. In contrast to the northeast where the average station received nearly twice the normal rainfall for the state's wettest month, southern and western Oklahoma largely missed any significant rain. Precipitation in the south central portions of the state, already short on rainfall for the year, was barely more than one-third of normal. Furthermore, temperatures in the southwest soared to record heights late in the month. Overall, the state's average temperature in May 2000 was 70.9 degrees, 2.2 degrees higher than normal, making this the 22nd warmest May of the 109 years on record.

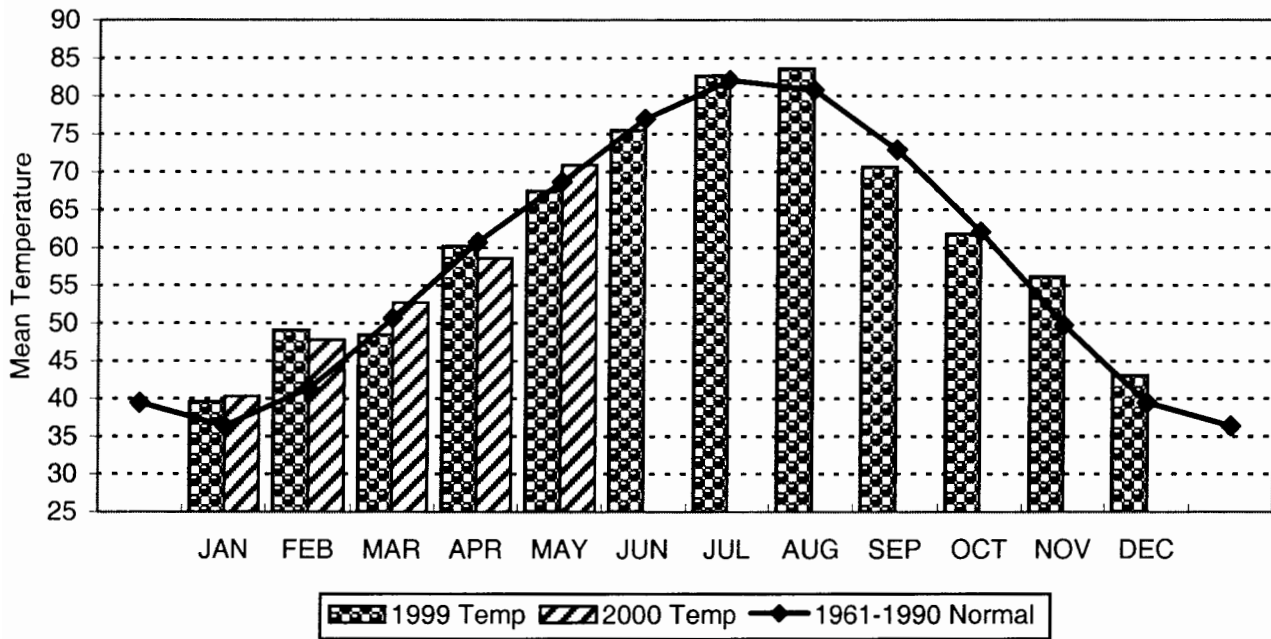
Locally heavy, but spotty, rain fell on the last day of April, continuing into May 1. An unofficial 6 inches of rain near Roosevelt (Kiowa County), produced high waters and localized flooding along the Washita River. On the 5th and 6th, a slow-moving set of thunderstorms drenched parts of northeastern Oklahoma. Rainfall in excess of six inches was reported in eastern Creek (8.12 inches reported at Kiefer), southern Tulsa (6.95 inches at Jenks), and southern Osage (6.75 inches at Hominy) counties. Precipitation totals elsewhere included: Bixby (Tulsa) 5.17 inches, Wynona (Osage) 4.90 inches, the Mesonet site near Hectorville (Okmulgee) 4.81 inches, and Mannford (Creek) 4.60 inches. Sapulpa (Creek) suffered extensive flooding with 134 residences and 10 businesses suffering significant damage. Flooding also was reported in Coweta and elsewhere in Wagoner County, as well as in Okmulgee, Muskogee, McIntosh, Tulsa, Pawnee, and Osage counties. Another round of heavily-raining thunderstorms struck further to the north on the 8th and 9th producing four inches or more of rain at Pawhuska and Hollow in Osage County, Bartlesville (Washington) and Lenapah (Nowata). Flooding, exacerbated by heavy rains in southern Kansas, was reported along the Caney River in Washington County, in Vinita (Craig), and along Tar Creek (Ottawa).

Thunderstorms on the 18th and 19th eased, but failed to break, the persistent drought in southeastern Oklahoma. Idabel (3.55 inches), Broken Bow (2.91 inches), and Page (2.88 inches), all in McCurtain County and Antlers (2.76 inches) in Pushmataha County reported the largest precipitation totals. Widespread thunderstorms from the 24th through the 27th brought relief from the heat and the most significant severe weather of the month, as well as substantial rain, to many areas. The Mesonet site near Hinton (Caddo) recorded 5.33 inches of rain on the 26th. Waynoka (Woods), Fort Supply (Woodward), and Beggs (Okmulgee) each recorded over four inches of rain on the 25th. Tornadoes were reported near Cherokee (Alfalfa), Waukomis (Garfield), Dacoma (Woods), Eakly (Caddo), Colony (Custer), Albert (Caddo), Fairview (Major), and across the state near Eufaula (McIntosh) and Tahlequah (Cherokee) on the night of the 25th or on the 26th. Softball-sized hail was reported west of Brinkman (Greer). The Oklahoma Mesonet recorded winds greater than 80 miles per hour at Goodwell (Texas) on the 25th and near Velma (Stephens) on the 26th. The greatest wind speed recorded by a Mesonet station was 87 miles per hour near Kenton (Cimarron) on the 17th.

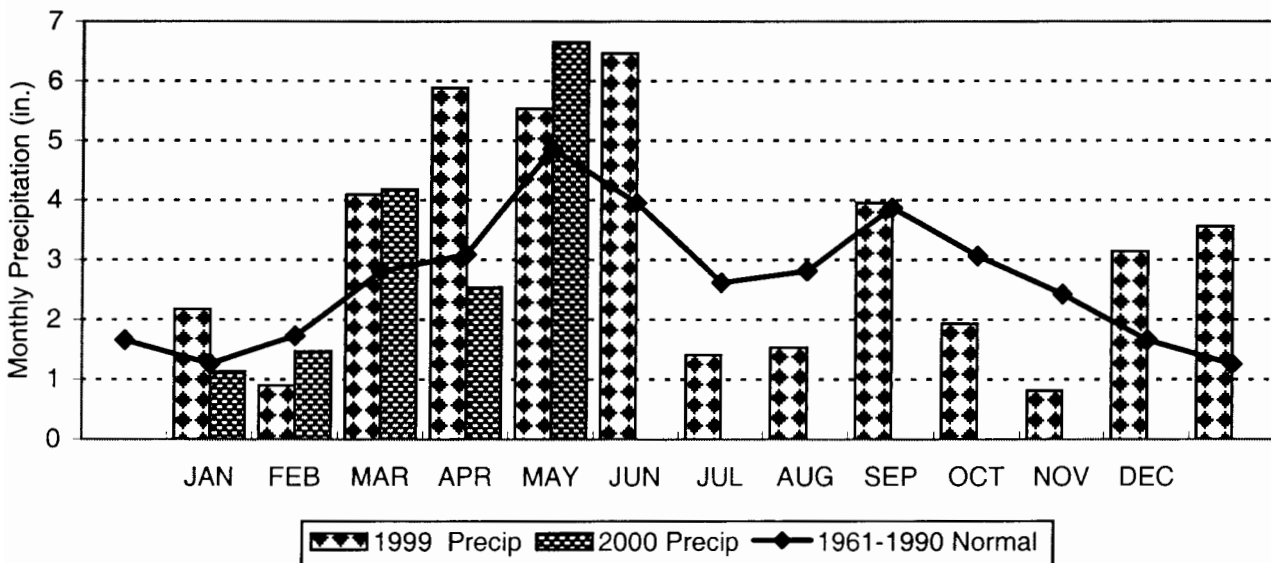
Temperatures reached or surpassed the 100-degree mark on 10 different dates, a remarkably high frequency for May. The heat was especially intense on the afternoons of the 23rd and 24th. Altus (Jackson) recorded a high temperature of 112 degrees on the 23rd, an all-time state record for May that was matched on the 24th at Frederick (Tillman). Chattanooga (Comanche) and Tipton (Tillman) both reached 111 degrees during the period and several stations in the area noted daily maximum temperatures of 110 degrees.

The first five months of 2000 were the 14th warmest such period on record in Oklahoma. The statewide-averaged temperature from January through May, 54.2 degrees, was 2.4 degrees greater than normal. The spring months averaged 60.8 degrees across the state, 0.7 degree greater than normal, to rank this as the 31st warmest spring on record. Statewide precipitation for the season was 11.14 inches, 0.38 inch greater than normal and the 41st highest spring total registered in Oklahoma since 1892. The year-to-date statewide-averaged total precipitation of 13.74 inches is 0.01 inch less than normal and ranks as the 45th greatest January through May precipitation of the 109 on record.

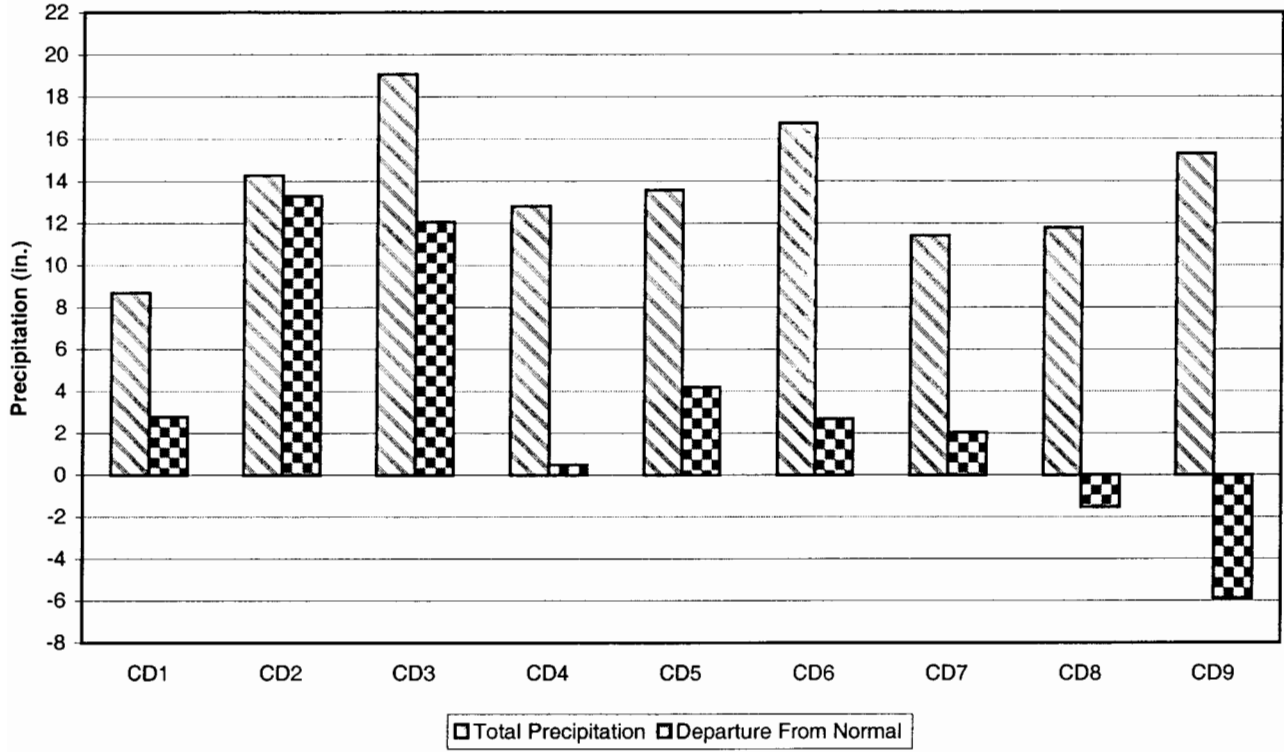
1999 and 2000 STATEWIDE TEMPERATURES Monthly Averages



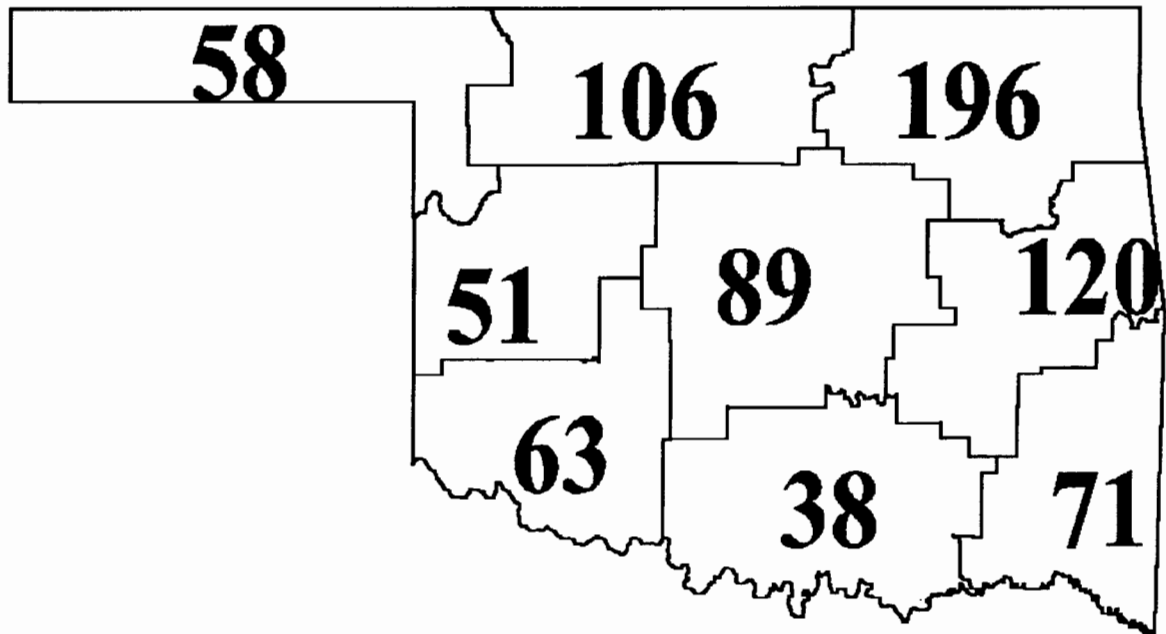
1999 and 2000 STATEWIDE PRECIPITATION Monthly Totals



CD Averaged Precipitation January through May 2000



CD PERCENT OF NORMAL PRECIPITATION MAY 2000



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

CD	MAX TEMP	DATE	LOCATION	MIN TEMP	DATE	LOCATION	24-HOUR PRECIP	DATE	LOCATION	MONTHLY PRECIP	LOCATION
1	103	24	TURPIN	32 32	13 13	BOISE CITY KENTON	2.33	26	GATE	3.22	FARGO
2	104 104 104 104	23 23 24 25	FT SUPPLY WAYNOKA WAYNOKA WAYNOKA	35	12	FT SUPPLY	4.78	25	WAYNOKA	7.86	WAYNOKA
3	98	24	UPPER SPAV	33	3	MANNFORD	6.75	6	HOMINY	15.13	HOMINY
4	114	24	WEATHERFORD	39 39	13 14	HAMMON HAMMON	3.00	25	VICI	4.06	TALOGA
5	107	23	CHICKASHA	40 40	14 19	BRISTOW GUTHRIE	4.69	1	UNION CITY	8.73	OKEMAH
6	98	23	HANNA	35	13	HANNA	4.45	25	BEGGS	14.01	BEGGS
7	112	23	ALTUS	41	14	ANADARKO	4.45	1	ROOSEVELT	7.15	LOOKEBA
8	108	23	WAURIKA	39	14	MARIETTA	2.75	1	LEHIGH	4.11	ADA
9	95 95	23 24	POTEAU SMITHVILLE	38 38	14 15	SMITHVILLE SMITHVILLE	3.55	19	IDABEL	8.22	PAGE

TABLE OF 1999/2000 COMPARISONS

**MAY
Temperature (°F)**

**MAY
Precipitation (in.)**

Station	1999	2000	1999	2000
Arnett	64.3	66.4	1.64	3.04
Enid	66.8	70.5	3.91	4.01
Tulsa	68.0	70.8	9.56	7.01
Elk City	66.8	69.8	3.69	1.59
Oklahoma City	68.0	70.9	3.10	1.37
McAlester	68.7	72.0	6.56	2.13
Altus Irr Station	69.3	74.1	5.73	3.18
Ardmore	70.6	74.3	4.32	1.58
Idabel	69.7	71.5	4.84	4.82

EXTREMES

VARIABLE	STATION	DIVISON	OBSERVATION	DATE
Minimum temperature (°F)	Boise City Kenton	1 1	32 32	13 13
Maximum temperature (°F)	Weatherford	4	114	24
Maximum 24-hour Precipitation	Hominy	3	6.75"	6

MAY 2000 SUMMARY FOR PANHANDLE DIVISION (CD1)

NAME	ID	CD	MEAN		DEV		DAY	MIN		HEAT		DEV		COOL		DEV		TOT	NUM	DEV		DAY
			TEMP	OBS	FROM	MAX		TEMP	DAY	DEG	DAY	FROM	NORM	DEG	DAY	FROM	NORM			FROM	NORM	
ARNETT	332	1	66.4	31	0.7	98	24	43	13	105	19	149	41	3.040	31	-1.09	2.31	26				
BEAVER	593	1	66.9	31	2.0	102	24	39	14	100	2	160	65	1.340	31	-1.70	0.53	1				
BOISE CITY	908	1	68.5	31	5.2	102	30	32	13	66	-54	175	107	0.681	31	-1.90	0.48	25				
BUFFALO	1243	1	72.7	31	4.5	102	24	44	13	32	-26	270	114	1.830	31	-2.53	1.50	26				
FARGO	3070	1	*****	0*	****	****	0	****	0	*****	*****	*****	*****	3.220	31	-0.47	2.00	25				
GAGE	3407	1	69.2	28*	****	101	24	37	14	65	*****	182	*****	0.716	28	*****	0.45	27				
GATE	3489	1	68.6	29*	****	101	24	43	12	72	*****	177	*****	2.820	29	*****	2.33	26				
GOODWELL	3628	1	67.2	31	4.0	101	31	36	14	100	-26	168	97	1.020	31	-2.09	0.66	1				
GUYMON	3835	1	65.3	30*	****	100	24	37	19	127	*****	138	*****	2.340	30	*****	1.45	1				
HOOKER	4298	1	70.0	30	4.9	101	23	39	14	51	-44	200	103	0.980	30	*****	0.46	26				
KENTON	4766	1	66.7	27*	****	101	30	32	13	81	*****	126	*****	0.801	31	-1.69	0.40	26				
LAVERNE	5045	1	*****	0*	****	****	0	****	0	*****	*****	*****	*****	2.422	31	-0.87	1.21	26				
RANGE	7412	1	*****	0*	****	****	0	****	0	*****	*****	*****	*****	2.841	31	*****	1.33	1				
REGNIER	7534	1	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.641	31	-1.61	0.30	9				
TURPIN	9017	1	67.9	22*	****	103	24	37	9	66	*****	129	*****	2.350	22	*****	1.20	1				

MAY 2000 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)

NAME	ID	CD	MEAN		DEV		DAY	MIN		HEAT		DEV		COOL		DEV		TOT	NUM	DEV		DAY
			TEMP	OBS	FROM	MAX		TEMP	DAY	DEG	DAY	FROM	NORM	DEG	DAY	FROM	NORM			FROM	NORM	
ALVA	193	2	70.9	31*	****	102	24	46	14	50	*****	231	*****	6.590	31	*****	3.98	26				
VANCE AFB	302	2	*****	0*	****	****	0	****	0	*****	*****	*****	*****	2.435	31	*****	0.90	25				
BILLINGS	755	2	69.2	31	1.6	98	24	42	14	51	-14	181	36	5.471	31	0.96	1.30	25				
BLACKWELL 2E	818	2	69.3	31	1.8	97	24	47	20	40	-16	172	38	3.890	31	-0.85	1.23	9				
BRAMAN	1075	2	*****	0*	****	****	0	****	0	*****	*****	*****	*****	3.170	31	*****	1.10	9				
CEDARDALE	1620	2	*****	0*	****	****	0	****	0	*****	*****	*****	*****	3.541	31	*****	2.95	26				
CHEROKEE	1724	2	69.1	29*	****	101	24	43	13	54	*****	173	*****	3.952	29	*****	1.90	26				
ENID	2912	2	70.5	31	1.4	100	24	47	14	41	11	213	56	4.012	31	-0.79	1.27	26				
FT SUPPLY	3304	2	68.7	31	2.8	104	23	35	12	81	6	197	94	6.020	31	2.33	4.66	25				
GREAT SALT P	3740	2	69.8	30	1.9	101	24	46	13	45	-12	188	45	3.980	31	0.13	1.51	26				
HARDY	3909	2	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.360	31	*****	2.10	9				
HELENA	4019	2	68.7	31	2.2	99	24	46	14	58	-20	174	49	4.630	31	0.61	2.50	26				
JEFFERSON	4573	2	71.6	31	2.9	101	23	40	13	31	-11	237	80	3.240	31	-1.28	0.89	24				
LAMONT	5013	2	*****	0*	****	****	0	****	0	*****	*****	*****	*****	4.470	31	*****	1.26	26				
MEDFORD	5768	2	*****	0*	****	****	0	****	0	*****	*****	*****	*****	2.630	31	*****	0.98	8				
MORRISON	6065	2	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.191	31	*****	2.00	26				
MUTUAL	6139	2	68.1	31	2.1	99	24	39	13	85	4	182	70	4.120	31	0.10	3.20	26				
NEWKIRK	6278	2	68.1	31	0.0	95	24	45	20	54	4	149	3	5.111	31	0.22	1.85	9				
ORIENTA	6751	2	*****	0*	****	****	0	****	0	*****	*****	*****	*****	3.570	31	-0.21	2.02	26				
PERRY	7012	2	71.2	30	2.0	99	24	48	13	24	-14	211	44	5.350	30	*****	1.55	26				
PONCA CITY	7201	2	70.9	29*	****	98	24	45	21	30	*****	201	*****	5.981	29	*****	1.62	27				
RED ROCK	7505	2	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.551	31	0.94	2.05	7				
WAYNOKA	9404	2	70.8	30	1.8	104	25	41	3	47	9	220	61	7.861	31	3.76	4.78	25				
WOODWARD	9760	2	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.324	31	1.36	3.76	26				

MAY 2000 SUMMARY FOR NORTHEAST DIVISION (CD3)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV		MIN DAY	MAX 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		
BARNSDALL	535	3	70.6	31	2.0	93	23	42	14	33	-1	206	61	11.341	31	6.54	2.80	6
BARTLESVILLE	548	3	70.7	31	2.0	93	23	41	14	35	-1	212	63	10.310	31	5.91	4.85	9
BIXBY	782	3	70.4	31	2.8	95	23	43	13	32	-18	198	67	9.331	31	4.33	4.04	5
BURBANK	1256	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.121	31	0.39	1.55	26
CHELSEA	1717	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	9.100	31	*****	2.20	9
CLAREMORE	1828	3	69.0	31	2.0	93	25	41	14	44	-24	168	39	8.380	31	3.74	1.87	1
CLEVELAND 2	1902	3	68.5	24*	****	92	23	39	15	40	*****	125	*****	9.761	28	*****	3.77	7
HOLLOW	4258	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	12.301	31	7.28	4.34	9
HOMINY	4289	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	15.130	31	10.58	6.75	6
KANSAS	4672	3	69.5	23*	****	89	24	41	15	26	*****	129	*****	6.694	25	*****	1.78	25
LENAPAH	5118	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	10.960	31	*****	4.71	9
MANNFORD	5522	3	69.8	31	1.3	95	25	33	3	39	1	187	41	8.710	31	3.89	4.60	6
MARAMEC	5540	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	6.951	31	2.16	2.45	26
NOWATA	6485	3	71.1	31	3.0	93	23	47	20	9	-40	199	54	7.200	31	2.72	3.25	9
PAWHUSKA	6935	3	70.8	31	2.8	93	23	41	14	29	-17	208	69	12.431	31	7.59	4.15	9
PAWNEE	6940	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	8.100	31	3.20	3.80	26
PRYOR	7309	3	68.5	31	1.5	92	25	42	14	43	-25	152	22	8.715	31	4.05	1.93	25
RALSTON	7390	3	69.5	31	0.7	94	23	39	14	50	10	188	30	7.931	31	3.17	2.55	9
SKIATOOK	8258	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	9.691	31	5.00	2.00	25
SPAVINAW	8380	3	71.7	31	3.0	91	24	45	14	15	-27	224	68	8.421	31	3.65	2.08	25
TULSA	8992	3	70.8	31	1.5	94	23	45	14	26	-16	206	32	7.012	31	1.41	2.83	6
UPPER SPAV	9101	3	73.3	31*	****	98	24	42	14	19	*****	277	*****	8.661	31	*****	1.94	1
VINITA	9203	3	67.4	23*	****	90	23	42	14	28	*****	84	*****	7.572	26	*****	2.31	9
WAGONER	9247	3	72.0	31	3.0	93	23	44	14	18	-16	236	78	9.750	31	4.80	3.70	6
WANN	9298	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	8.651	31	*****	3.24	9
WYNONA	9792	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	13.930	31	*****	3.40	6

MAY 2000 SUMMARY FOR WEST CENTRAL DIVISION (CD4)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV		MIN DAY	MAX 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		
CANTON DAM	1445	4	69.7	31	2.3	103	24	41	14	55	1	202	74	1.880	31	-2.46	0.72	26
CLINTON	1909	4	71.9	29*	****	104	24	46	14	30	*****	230	*****	1.131	29	*****	0.76	26
COLONY	2039	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	2.421	31	*****	1.43	28
CORDELL	2125	4	70.0	31	0.9	104	25	45	14	64	35	219	63	2.662	31	-2.03	1.05	26
ELK CITY	2849	4	69.8	31	1.2	105	25	43	13	58	31	207	68	1.590	31	-2.98	0.66	1
ERICK	2944	4	69.9	31	1.6	105	24	44	13	58	18	210	68	1.802	31	-2.29	0.79	1
GEARY	3497	4	71.1	31	2.8	100	23	47	13	42	4	231	91	2.150	31	-2.35	0.70	24
HAMMON	3871	4	67.9	31	1.0	101	24	39	14	84	22	173	52	1.462	31	-2.78	0.60	1
LEEDEY	5090	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	3.810	31	-0.61	1.55	26
MACKIE	5463	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	1.820	31	*****	0.59	26
MORAVIA	6035	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	2.171	31	-2.50	1.05	26
OKEENE	6629	4	71.8	31	2.5	101	23	43	13	43	13	254	91	1.911	31	-2.53	1.27	26
RETROP	7565	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	2.370	31	*****	1.25	27
REYDON	7579	4	69.3	26*	****	104	24	45	15	62	*****	174	*****	1.040	27	*****	0.30	16
SAYRE	7952	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	1.550	31	-2.78	0.67	26
SWEETWATER	8652	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.941	31	*****	0.35	26
TALOGA	8708	4	69.6	31	2.0	100	24	41	14	64	13	206	74	4.062	31	-0.68	2.38	26
THOMAS	8815	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	2.820	31	*****	0.83	21
VICI	9172	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	3.670	31	-0.74	3.00	25
WATONGA	9364	4	71.5	31	3.1	100	23	47	20	40	4	240	98	2.511	31	-2.11	0.85	1
WEATHERFORD	9422	4	74.6	31	6.3	114	24	45	13	17	-21	316	177	1.481	31	-3.13	0.56	25

MAY 2000 SUMMARY FOR CENTRAL DIVISION (CD5)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV		MIN 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	*****	*****	*****	3.100	31	*****	2.01	1	
ARCADIA	288	5	****	0*	****	****	0	****	0	*****	*****	*****	5.020	31	*****	2.66	1	
BLANCHARD	830	5	73.4	31	3.8	102	24	46	14	19	-2	278	114	1.781	31	-3.17	1.21	1
BRISTOW	1144	5	71.4	31	2.2	96	24	40	14	25	-2	223	66	8.310	31	2.80	3.95	25
CHANDLER	1684	5	68.9	27*	****	95	23	44	14	33	*****	139	*****	5.290	30	*****	3.75	1
CHICKASHA EX	P 1750	5	74.4	31	4.0	107	23	42	14	27	14	318	137	2.500	31	-2.18	1.10	1
COX CITY	2196	5	*****	0*	****	****	0	****	0	*****	*****	*****	*****	3.530	31	*****	2.47	1
CRESCENT	2242	5	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.130	31	*****	2.35	25
CUSHING	2318	5	69.9	30	1.9	97	24	46	3	31	-19	179	37	6.290	30	*****	2.30	1
EDMOND	2788	5	*****	0*	****	****	0	****	0	*****	*****	*****	*****	1.930	31	*****	0.65	9
EL RENO	2818	5	71.2	31	2.5	101	24	47	14	38	12	229	88	6.760	31	1.35	3.60	1
GUTHRIE	3821	5	67.1	31	-2.6	102	25	40	19	79	51	143	-31	6.080	31	1.11	3.22	1
HENNESSEY	4055	5	70.7	30	1.8	99	23	43	14	42	3	212	52	5.210	30	*****	2.10	25
INGALLS	4489	5	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.760	31	*****	1.82	1
KINGFISHER	4861	5	70.2	31	0.8	100	24	44	13	59	29	219	52	5.760	31	1.13	3.11	25
KONAWA	4915	5	*****	0*	****	****	0	****	0	*****	*****	*****	*****	1.140	31	-4.56	0.50	9
MARSHALL	5589	5	*****	0*	****	****	0	****	0	*****	*****	*****	*****	6.710	31	1.83	1.92	25
MEEKER	5779	5	67.0	31	-2.0	95	24	41	14	80	51	142	-11	5.101	31	-0.47	3.59	1
MULHALL	6110	5	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.710	31	*****	2.42	25
NORMAN NWS	6386	5	70.5	31	0.8	100	23	43	14	50	35	221	60	0.793	31	-4.37	0.45	24
OKEMAH	6638	5	73.6	31	4.6	96	23	51	14	1	-23	269	121	8.730	31	3.43	3.12	1
OKLAHOMA CTY	F.6659	5	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.218	31	*****	4.10	1
OKLAHOMA CTY	6661	5	70.9	31	2.5	100	23	45	14	43	12	227	91	1.365	31	-3.86	0.65	24
PERKINS	7003	5	*****	0*	****	****	0	****	0	*****	*****	*****	*****	4.840	31	-0.65	1.87	1
PIEDMONT	7068	5	*****	0*	****	****	0	****	0	*****	*****	*****	*****	4.870	31	*****	2.69	1
PRAGUE	7264	5	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.391	31	0.10	2.37	1
PURCELL	7327	5	71.3	31	1.3	101	24	44	14	36	22	231	62	2.243	31	-3.33	1.51	1
SEMINOLE	8042	5	70.2	31	-0.4	99	24	44	14	34	19	197	8	2.020	31	-3.21	1.44	26
SHAWNEE	8110	5	*****	0*	****	****	0	****	0	*****	*****	*****	*****	6.180	31	0.51	3.39	1
STILLWATER	8501	5	70.3	31	2.6	98	23	44	14	34	-15	199	66	6.570	31	1.44	2.83	26
STROUD	8563	5	*****	0*	****	****	0	****	0	*****	*****	*****	*****	7.162	31	*****	3.30	1
TECUMSEH	8751	5	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.000	31	*****	3.03	1
TROUSDALE	8960	5	68.2	24*	****	98	24	41	14	46	*****	123	*****	2.890	31	*****	1.90	1
UNION CITY	9086	5	*****	0*	****	****	0	****	0	*****	*****	*****	*****	6.441	31	0.85	4.69	1
WELTY	9479	5	*****	0*	****	****	0	****	0	*****	*****	*****	*****	7.092	31	*****	2.48	25
WEWOKA	9575	5	*****	0*	****	****	0	****	0	*****	*****	*****	*****	3.410	31	-1.80	2.05	1

MAY 2000 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV		MIN 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	*****	*****	*****	4.423	31	*****	2.60	1	
BEGGS	631	6	*****	0*	****	****	0	****	0	*****	*****	*****	*****	14.010	31	*****	4.45	25
CALVIN	1391	6	*****	0*	****	****	0	****	0	*****	*****	*****	*****	2.410	31	-3.27	1.35	9
CHECOTAH	1711	6	*****	0*	****	****	0	****	0	*****	*****	*****	*****	8.671	31	3.25	3.63	6
CLAYTON	1858	6	*****	0*	****	****	0	****	0	*****	*****	*****	*****	2.910	31	*****	1.48	1
DEWAR	2485	6	*****	0*	****	****	0	****	0	*****	*****	*****	*****	8.874	31	3.64	2.15	1
DUSTIN	2690	6	*****	0*	****	****	0	****	0	*****	*****	*****	*****	6.040	31	*****	2.32	1
EUFAULA	2993	6	73.3	30	2.9	95	23	47	14	5	-12	256	72	7.870	30	*****	3.25	6
HANNA	3884	6	72.0	31	2.5	98	23	35	13	28	10	245	87	6.563	31	0.55	2.04	1
HASKELL	3956	6	*****	0*	****	****	0	****	0	*****	*****	*****	*****	10.090	31	4.88	4.15	6
HOLDENVILLE	4235	6	71.2	30	1.8	97	23	43	13	21	1	206	50	2.282	30	*****	1.15	26
LAKE EUFAULA	4975	6	69.7	27*	****	90	24	49	15	24	*****	152	*****	8.001	28	*****	3.42	7
LYONS	5437	6	*****	0*	****	****	0	****	0	*****	*****	*****	*****	7.331	31	1.72	2.46	27
MARBLE CITY	5546	6	*****	0*	****	****	0	****	0	*****	*****	*****	*****	6.970	31	*****	2.40	27
MCALESTER	5664	6	72.0	31	2.9	92	23	45	14	14	-21	230	68	2.126	31	-3.76	0.86	9
MCCURTAIN	5693	6	72.6	31	2.9	94	23	42	14	17	-10	253	82	6.563	31	0.52	1.65	1
MUSKOGEE	6130	6	70.0	31	0.9	92	23	41	14	30	-3	186	26	6.404	31	1.28	2.23	6
OKMULGEE	6670	6	69.0	24*	****	95	24	43	14	27	*****	123	*****	8.342	27	*****	3.50	6
OKTAHA	6678	6	*****	0*	****	****	0	****	0	*****	*****	*****	*****	7.510	31	*****	2.58	6
SALLISAW	7862	6	70.2	31	0.8	93	24	42	14	28	1	190	26	6.720	31	0.91	1.32	28
SCPIO	7979	6	*****	0*	****	****	0	****	0	*****	*****	*****	*****	5.730	31	*****	2.06	1
SHORT	8170	6	*****	0*	****	****	0	****	0	*****	*****	*****	*****	8.210	31	*****	2.13	27
STILWELL	8506	6	67.9	23*	****	92	23	42	6	43	*****	110	*****	7.540	31	1.87	1.78	27
TAHLEQUAH	8677	6	69.9	31	1.9	90	23	38	14	32	-30	183	28	7.574	31	2.19	3.09	27
WEBBERS FALL	9445	6	70.4	28*	****	96	25	41	14	24	*****	174	*****	7.440	29	*****	1.99	7
WETUMKA	9571	6	*****	0*	****	****	0	****	0	*****	*****	*****	*****	7.183	31	1.89	2.77	1

MAY 2000 SUMMARY FOR SOUTHWEST DIVISION (CD7)

NAME	ID	CD	MEAN		DEV		DAY	MIN		HEAT		DEV		COOL		DEV		TOT	PPT	DEV		DAY
			TEMP	NUM	FROM	MAX		TEMP	DAY	TEMP	DAY	DEG	FROM	DEG	FROM	DEG	FROM			NUM	OBS	
ALTUS	179	7	74.1	31	2.5	112	23	46	14	27	15	309	93	3.180	31	-1.05	2.62	1				
ALTUS DAM	184	7	74.7	31	4.6	110	24	49	20	28	7	329	150	2.090	31	-2.32	1.63	1				
ANADARKO	224	7	70.1	30	0.4	104	24	41	14	62	39	215	46	3.600	31	-1.08	2.34	1				
APACHE	260	7	*****	0*	****	****	0	****	0	*****	*****	*****	*****	1.550	31	-3.46	1.55	1				
ALTUS AFB	447	7	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.852	31	****	0.85	1				
CARNEGIE	1504	7	71.7	31	1.9	105	24	45	14	49	32	257	91	5.033	31	-0.09	2.78	1				
CHATTANOOGA	1706	7	75.8	29*	****	111	25	45	20	15	*****	329	*****	1.550	29	****	0.85	26				
DUNCAN 11 W	2668	7	*****	0*	****	****	0	****	0	*****	*****	*****	*****	2.122	31	****	1.37	1				
FREDERICK	3353	7	77.2	21*	****	111	23	51	1	16	*****	271	*****	1.020	21	****	1.00	25				
HEADRICK	3998	7	*****	0*	****	****	0	****	0	*****	*****	*****	*****	3.530	31	****	3.18	1				
HOBART	4204	7	73.0	25*	****	108	25	46	21	29	*****	229	*****	4.661	26	****	4.36	1				
HOLLIS	4249	7	74.8	31	3.6	110	23	45	14	29	12	332	123	2.410	31	-1.11	1.87	1				
LAWTON	5063	7	73.3	30	3.3	108	24	51	20	26	11	277	107	1.840	30	****	1.10	1				
LOOKEBA	5329	7	*****	0*	****	****	0	****	0	*****	*****	*****	*****	7.152	31	2.34	2.88	27				
MANGUM	5509	7	73.0	30	1.6	108	24	42	14	31	17	271	58	2.871	31	-1.38	1.94	1				
RANDLETT	7403	7	*****	0*	****	****	0	****	0	*****	*****	*****	*****	1.130	31	****	0.92	26				
ROOSEVELT	7727	7	*****	0*	****	****	0	****	0	*****	*****	*****	*****	4.810	31	-0.04	4.45	1				
SEDAN	8016	7	*****	0*	****	****	0	****	0	*****	*****	*****	*****	3.270	31	****	2.92	1				
SNYDER	8299	7	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.510	31	-4.17	0.33	26				
VINSON	9212	7	*****	0*	****	****	0	****	0	*****	*****	*****	*****	2.420	31	-1.55	1.13	1				
WALTERS	9278	7	72.8	25*	****	109	24	48	13	25	*****	219	*****	1.500	26	****	1.10	26				
WICHITA MT	9629	7	70.9	30	2.7	107	24	44	16	48	16	226	95	2.140	30	****	1.67	1				
WILLOW	9668	7	*****	0*	****	****	0	****	0	*****	*****	*****	*****	2.380	31	****	0.85	26				

MAY 2000 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

NAME	ID	CD	MEAN		DEV		DAY	MIN		HEAT		DEV		COOL		DEV		TOT	PPT	DEV		DAY
			TEMP	NUM	FROM	MAX		TEMP	DAY	TEMP	DAY	DEG	FROM	DEG	FROM	DEG	FROM			NUM	OBS	
ADA	17	8	71.1	31	1.5	97	23	44	14	28	8	216	53	4.110	31	-1.51	2.61	1				
ALLEN	147	8	*****	0*	****	****	0	****	0	*****	*****	*****	*****	3.550	31	****	2.00	1				
ARDMORE	292	8	74.3	25*	****	100	24	50	2	13	*****	245	*****	1.580	25	****	0.80	1				
BOKCHITO	917	8	*****	0*	****	****	0	****	0	*****	*****	*****	*****	3.370	31	****	1.50	19				
CANEY	1437	8	*****	0*	****	****	0	****	0	*****	*****	*****	*****	3.090	31	****	2.09	1				
CENTRAHOMA	1648	8	70.0	27*	****	95	24	44	14	24	*****	158	*****	2.950	27	****	1.55	1				
CHICKASAW	1745	8	70.3	28*	****	98	24	41	14	32	*****	182	*****	1.250	28	****	0.75	1				
COLEMAN	2011	8	*****	0*	****	****	0	****	0	*****	*****	*****	*****	2.270	31	****	1.57	1				
COMANCHE	2054	8	74.0	31*	****	104	23	50	2	24	*****	304	*****	1.890	31	-3.12	1.10	9				
DAISY	2354	8	*****	0*	****	****	0	****	0	*****	*****	*****	*****	3.306	31	-3.60	1.65	1				
DUNCAN	2660	8	72.3	30	2.3	104	24	45	3	33	18	252	82	2.381	31	-2.76	1.72	1				
DURANT	2678	8	72.4	30	2.7	95	23	43	13	18	-2	239	73	2.852	31	-2.73	0.78	27				
ELMORE CITY	2872	8	*****	0*	****	****	0	****	0	*****	*****	*****	*****	1.470	31	****	1.33	1				
GRADY	3688	8	*****	0*	****	****	0	****	0	*****	*****	*****	*****	1.550	31	****	1.40	26				
HEALDTON	4001	8	71.7	31	1.3	101	25	42	14	39	26	246	66	0.690	31	-4.40	0.43	26				
HENNEPIN	4052	8	*****	0*	****	****	0	****	0	*****	*****	*****	*****	1.110	31	****	0.53	1				
KETCHUM RAN	4780	8	*****	0*	****	****	0	****	0	*****	*****	*****	*****	2.140	31	****	1.45	1				
KINGSTON	4865	8	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.901	31	-4.39	0.31	25				
LEHIGH	5108	8	*****	0*	****	****	0	****	0	*****	*****	*****	*****	3.603	31	****	2.75	1				
LINDSAY	5216	8	71.0	30	1.0	101	24	41	13	49	35	229	60	1.400	30	****	1.30	25				
LOCO	5247	8	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.500	31	****	0.45	26				
MADILL	5468	8	73.0	30	2.1	97	25	45	14	17	8	258	67	1.040	30	****	0.79	27				
MARIETTA	5563	8	71.3	31	0.6	98	24	39	14	38	27	234	46	1.590	31	-3.34	0.54	1				
MARLOW	5581	8	74.8	31	5.3	107	24	45	14	21	5	324	168	2.240	31	-2.91	1.11	1				
MCGEE CREEK	5713	8	72.5	31*	****	94	31	45	14	10	*****	242	*****	3.130	31	****	1.55	1				
PAULS VALLEY	6926	8	70.2	31	-0.4	101	25	40	15	47	30	210	19	2.871	31	-2.87	1.94	1				
PONTOTOC	7214	8	*****	0*	****	****	0	****	0	*****	*****	*****	*****	1.850	31	-3.84	0.97	27				
TISHOMINGO	8884	8	*****	0*	****	****	0	****	0	*****	*****	*****	*****	1.120	31	-3.92	0.37	26				
TUSSY	9032	8	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.300	31	****	0.30	26				
WAURIKA	9395	8	77.2	31	5.5	108	23	47	3	14	6	393	177	1.210	31	-3.19	0.75	26				

MAY 2000 SUMMARY FOR SOUTHEAST DIVISION (CD9)

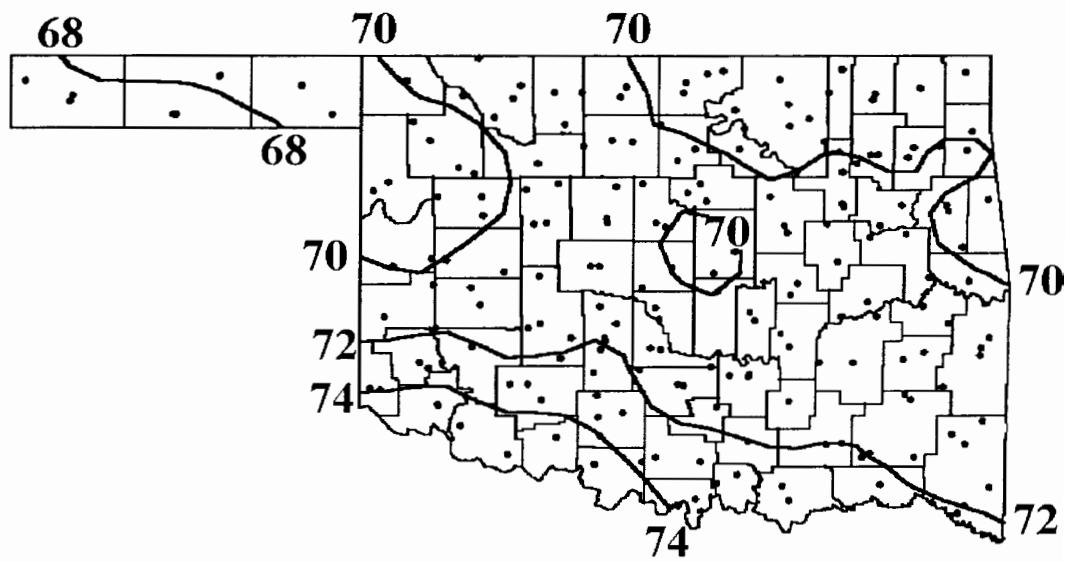
NAME	ID	CD	MEAN TEMP	NUM OBS	DEV		DAY	MIN TEMP	DAY	HEAT DEG		DEV FROM		COOL DEG		DEV FROM		TOT PPT	NUM OBS	DEV		DAY
					FROM	MAX				DAY	NORM	DAY	NORM	DAY	NORM	FROM	MAX			FROM	MAX	
ANTLERS	256	9	71.9	30	2.2	94	31	42	14	17	1	223	62	3.620	31	-2.58	2.76	18				
BATTIEST	567	9	70.1	30 *	****	91	24	45	15	20	*****	172	*****	7.530	31	*****	1.90	28				
BENGAL	670	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.610	31	*****	1.71	1				
BROKEN BOW	1162	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	6.420	31	0.10	2.91	19				
CARNASAW	1499	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	5.201	31	-1.59	2.23	19				
CARTER TWR	1544	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.360	28	*****	2.35	19				
FANSHAWE	3065	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	5.190	31	-1.44	2.17	7				
HEAVENER	4008	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.130	31	-3.37	1.13	27				
IDABEL	4451	9	71.5	31	1.8	93	31	53	14	3	-16	206	42	4.821	29	****	3.55	19				
PAGE	6842	9	69.8	19 *	****	93	9	40	16	11	*****	102	*****	8.220	21	****	2.88	19				
POTEAU	7254	9	71.4	31 *	****	95	23	41	13	26	*****	224	*****	2.965	31	****	0.70	3				
SMITHVILLE	8285	9	68.5	30	1.0	95	24	38	15	38	-5	144	24	6.972	30	****	3.43	28				
SPIRO	8416	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.530	31	-1.19	1.31	1				
TUSKAHOMA	9023	9	72.3	31	2.6	91	30	40	14	17	1	243	81	6.260	31	-0.44	1.65	1				
VALLIANT	9118	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.181	31	-2.00	1.51	19				
WILBURTON	9634	9	72.1	31	3.2	93	30	39	14	21	-17	242	83	2.261	31	-3.83	1.10	6				
WISTER	9724	9	71.5	31 *	****	94	24	40	14	14	*****	215	*****	3.950	31	****	1.11	1				

MAY 2000 CLIMATE DIVISION SUMMARY

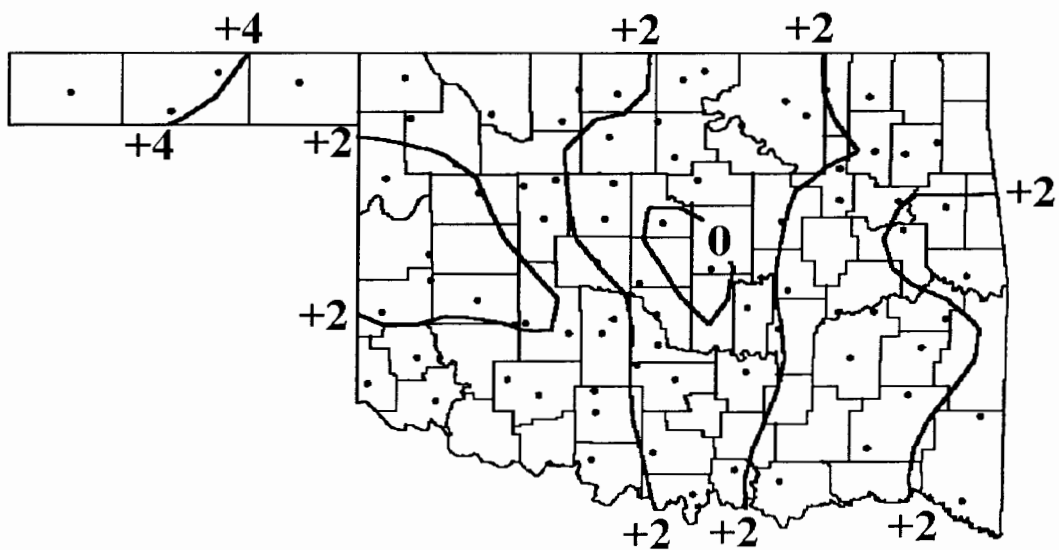
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			FROM	MAX				DAY	NORM	DAY	NORM	DAY	NORM	FROM	MAX			FROM	MAX	
1	68.2	7	3.0	103	24	32	13	83	-13	180	80	1.780	10	-1.41	2.33	26				
2	69.7	12	1.9	104	25	35	12	51	-4	196	53	4.580	21	0.25	4.78	25				
3	70.6	13	2.5	98	24	33	3	30	-18	204	61	9.480	23	4.64	6.75	6				
4	70.6	10	2.3	114	24	39	14	52	12	226	83	2.270	19	-2.20	3.00	25				
5	70.8	15	1.6	107	23	40	19	40	13	219	62	4.680	33	-0.56	4.69	1				
6	71.4	8	2.4	98	23	35	13	22	-12	218	62	6.850	21	1.29	4.45	25				
7	72.8	8	2.5	112	23	41	14	37	20	277	93	2.880	17	-1.70	4.45	1				
8	72.6	12	2.2	108	23	39	14	28	15	262	82	2.120	25	-3.24	2.75	1				
9	71.2	8	2.1	95	24	38	15	19	-7	208	55	4.530	13	-1.87	3.55	19				

- 1 -
MESONET MONTHLY SUMMARY FOR MAY 2000

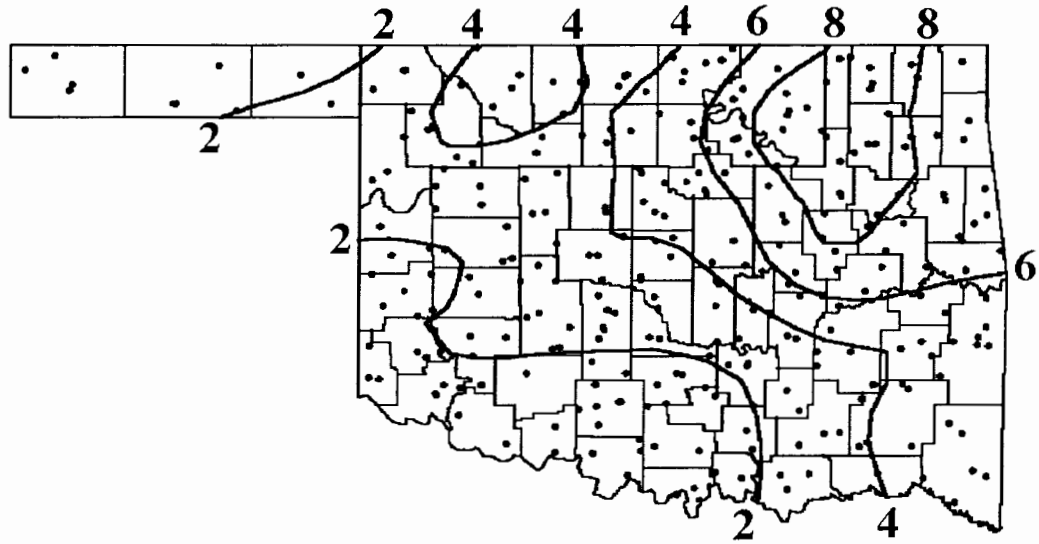
NAME	MEAN		MAX		MIN		TOT		MAX		NAME	MEAN		MAX		MIN		TOT		MAX												
	TEMP	TEMP	DAY	TEMP	DAY	HDD	CCD	PPT	24-HR	DAY		TEMP	TEMP	DAY	TEMP	DAY	HDD	CCD	PPT	24-HR	DAY											
PANHANDLE																																
Arnett	69.3	101	23	43	13	70	202	3.73	2.38	25	Goodwell	66.5	99	23	35	13	96	144	1.01	0.38	25											
Beaver	69.2	103	23	40	3	69	201	0.76	0.21	26	Hooker	67.7	101	23	37	13	83	165	0.91	0.38	25											
Boise City	65.8	100	30	30	13	112	136	0.67	0.44	25	Kenton	66.6	102	30	30	13	97	146	0.70	0.34	8											
Buffalo	70.0	102	23	44	4	60	216	1.96	0.72	25	Slapout	68.4	100	23	40	13	70	170	2.81	1.09	25											
NORTH CENTRAL																																
Alva	69.8	102	23	40	13	54	203	6.32	3.55	25	May Ranch	69.8	100	11	44	13	52	200	4.20	1.25	27											
Blackwell	70.3	105	23	45	14	37	201	4.28	1.25	26	Medford	70.4	100	23	44	13	37	205	2.83	0.87	9											
Breckenridge	69.6	98	23	41	13	48	191	4.03	1.78	27	Newkirk	68.9	93	23	45	13	51	173	4.40	1.49	9											
Cherokee	70.1	101	23	40	13	46	205	3.87	1.45	26	Red Rock	70.0	95	22	44	14	37	194	5.69	1.71	8											
Fairview	70.8	102	23	42	13	45	225	1.36	0.98	26	Seiling	69.6	100	23	39	13	63	205	2.88	1.72	25											
Freedom	69.7	100	11	42	13	55	199	4.21	2.96	25	Woodward	69.7	99	7	43	13	61	207	4.28	2.81	25											
Lahoma	69.9	100	23	41	13	49	199	2.34	0.84	26																						
NORTHEAST																																
Bixby	70.9	94	23	43	14	24	206	7.80	3.99	6	Nowata	68.7	96	31	41	14	52	165	7.40	2.80	9											
Burbank	68.9	94	23	41	14	50	171	6.58	1.64	26	Pawnee	70.1	94	22	43	14	37	194	7.02	3.58	26											
Catoosa	70.2	94	23	42	14	35	197	6.88	2.47	6	Porter	71.3	94	23	45	14	18	212	6.59	3.60	6											
Claremore	69.7	94	23	42	14	38	182	6.94	2.14	6	Pryor	68.7	91	23	39	14	50	164	6.40	2.04	25											
Copan	69.2	97	31	43	14	43	172	6.23	2.22	9	Skiatook	69.6	91	23	46	14	35	176	6.87	1.86	6											
Foraker	68.5	92	23	43	14	43	152	6.50	1.75	9	Vinita	67.9	89	23	41	14	55	145	8.73	2.88	9											
Jay	69.3	89	23	47	20	31	138	7.02	2.40	9	Wynona	69.2	92	23	43	14	40	171	13.08	4.60	6											
Miami	68.6	89	23	40	14	44	148	3.71	1.18	6																						
WEST CENTRAL																																
Bessie	71.9	105	23	45	13	42	257	1.42	0.84	26	Putnam	69.3	99	23	44	13	59	191	2.15	0.69	26											
Butler	71.1	103	23	44	13	44	234	0.66	0.29	21	Retrop	72.5	107	23	45	13	41	273	1.60	1.24	26											
Camargo	68.7	101	23	42	14	71	186	4.88	3.76	25	Watonga	70.4	101	23	45	13	50	218	1.48	0.42	21											
Cheyenne	70.6	102	23	46	13	57	230	0.71	0.27	20	Weatherford	71.0	104	23	43	13	51	238	1.24	0.79	26											
Erick	70.5	106	23	43	13	58	227	1.04	0.49	26																						
CENTRAL																																
Acme	72.2	104	23	45	13	47	269	1.83	1.77	26	Minco	71.2	101	23	45	13	43	234	1.48	1.06	24											
Bowlegs	70.0	96	23	41	14	45	200	2.01	0.66	9	Nimnekah	73.0	105	23	45	14	39	287	0.78	0.47	26											
Bristow	69.7	94	23	40	14	45	192	5.23	2.29	24	Norman	70.9	102	23	43	14	49	232	0.75	0.39	25											
Chandler	70.5	96	23	44	14	33	204	2.30	0.71	26	Oilton	69.5	94	22	40	14	48	187	5.84	1.80	6											
Chickasha	72.8	107	23	39	14	42	285	1.53	0.90	26	Okemah	70.1	94	23	43	14	32	189	5.28	1.50	25											
El Reno	69.5	97	23	42	13	61	201	2.88	1.03	26	Perkins	71.2	99	23	46	14	32	223	4.19	1.54	26											
Guthrie	71.4	99	23	45	14	36	234	3.96	2.31	24	Shawnee	70.7	99	23	44	14	37	214	2.94	1.65	26											
Kingfisher	71.1	101	23	43	13	43	232	4.52	3.31	24	Spencer	70.7	98	23	46	19	42	219	2.19	0.82	26											
Marena	70.1	96	23	44	14	40	198	4.00	1.48	26	Stillwater	70.6	96	22	41	14	35	209	4.65	2.83	26											
Marshall	70.6	99	23	41	14	43	217	3.83	1.60	24	Washington	71.1	102	23	44	14	44	233	1.21	0.92	26											
EAST CENTRAL																																
Calvin	71.2	97	22	43	14	27	219	2.53	0.78	9	Sallisaw	70.1	91	29	42	14	23	160	5.63	2.52	27											
Cookson	68.8	91	23	37	14	48	165	7.48	2.18	27	Stigler	71.2	93	23	42	14	22	209	6.97	2.23	6											
Eufaula	70.9	93	23	43	14	21	203	6.72	2.70	6	Stuart	70.8	93	23	42	14	27	207	2.44	1.01	9											
Haskell	70.3	93	23	42	14	29	194	8.31	4.27	6	Tahlequah	68.5	89	23	39	14	47	155	8.21	3.58	27											
Hectorville	70.7	93	23	46	14	23	200	9.06	4.81	6	Webbers Falls	71.8	97	23	44	14	14	225	5.23	1.37	6											
McAlester	71.4	92	23	43	14	19	217	2.92	1.01	9	Westville	68.3	89	23	39	14	44	146	5.64	1.48	27											
Okmulgee	70.6	93	23	41	14	31	203	7.97	3.54	6																						
SOUTHWEST																																
Altus	75.9	112	23	47	13	25	363	0.05	0.04	26	Hollis	73.6	109	23	43	14	36	302	0.56	0.30	21											
Apache	71.7	104	23	42	14	48	256	0.43	0.18	1	Mangum	72.6	109	23	42	20	41	276	0.38	0.17	26											
Fort Cobb	72.5	107	23	46	14	38	269	1.65	1.37	24	Medicine Park	73.0	105	23	49	14	33	282	0.41	0.24	26											
Grandfield	75.6	110	23	45	14	27	355	1.18	1.17	26	Tipton	76.1	111	23	48	14	24	369	0.30	0.26	26											
Hinton	70.8	102	23	45	13	48	229	6.47	5.33	26	Walters	75.3	110	23	46	13	26	345	1.17	1.14	26											
Hobart	71.9	107	24	43	14	46	259	0.63	0.31	21																						
SOUTH CENTRAL																																
Ada	71.2	97	23	42	14	32	223	1.53	0.45	26	Madill	73.5	98	24	43	14	20	283	1.55	1.01	26											
Ardmore	73.2	98	23	46	14	20	274	1.03	0.73	26	Pauls Valley	72.1	100	23	43	14	31	252	1.06	0.89	26											
Burneyville	74.4	103	23	39	14	25	318	1.30	0.75	26	Ringling	74.2	105	23	44	2	28	314	0.55	0.47	26											
Byars	71.1	97	23	46	14	36	225	1.43	0.75	26	Sulphur	71.6	97	23	41	14	33	237	0.47	0.24	26											
Centrahoma	70.9	93	23	41	14	31	215	1.63	0.39	27	Tishomingo	71.7	95	23	41	14	25	233	1.52	0.65	27											
Durant	72.9	92	22	45	14	10	254	2.37	0.60	18	Vanoss	71.5	98	23	42	14	35	235	1.08	0.27	27											
Ketchum Ranch	72.9	104	23	43	14	33	277	0.63	0.53	26	Waurika	75.2	107	23	46	14	23	338	1.16	0.79	26											
Lane	72.3	92	23	44	14	10	237	1.55	0.71	1																						
SOUTHEAST																																
Antlers	71.7	93	30	37	14	24	231	3.90	1.97	18	Idabel	72.7	92	23	43	14	9	248	5.52	2.38	18											
Broken Bow	71.9	93	30	42	14	10	224	5.08	1.63	18	Mt Herman	70.0	89	30	43	14	26	182	5.04	1.86	18											
Clayton	71.8	91	23	41	14	18	228	4.13	1.08	27	Talihina	71.6	91	23	42	14	18	224	5.16	1.48	18											
Cloudy	71.2	90	24	44	14	16	208	5.92	1.48	5	Wilburton	71.8	93	23	42	14	16	228	2.21	0.61	1											
Hugo	72.5	92	30	46	14	9	243	3.53	1.46	18	Wister	70.6	93	23	41	14	27	200	4.51	1.40	6											



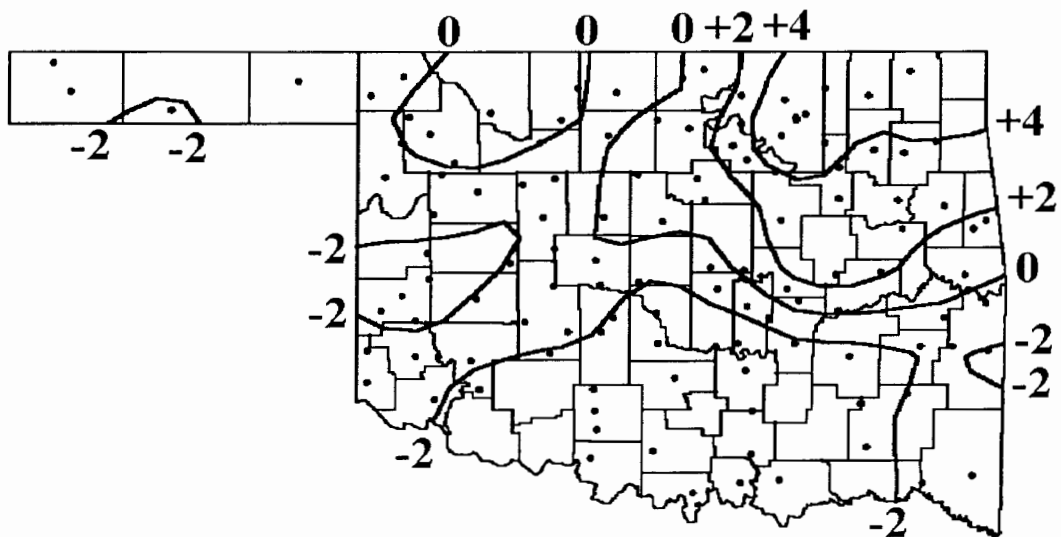
MAY 2000 AVERAGE MONTHLY TEMPERATURE (F)



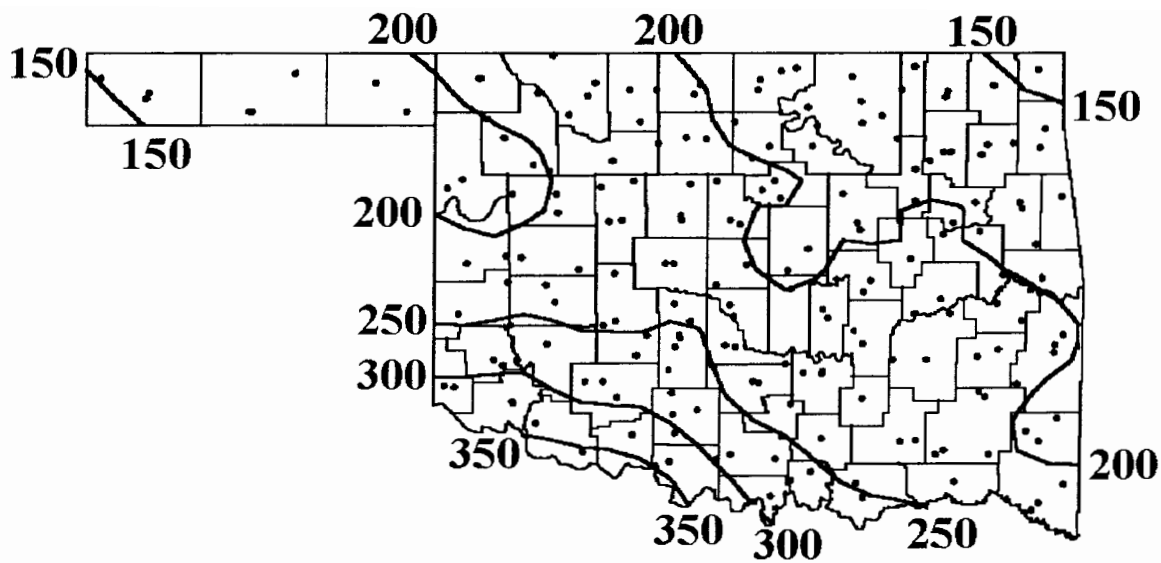
MAY 2000 DEPARTURE FROM NORMAL TEMPERATURE (F)



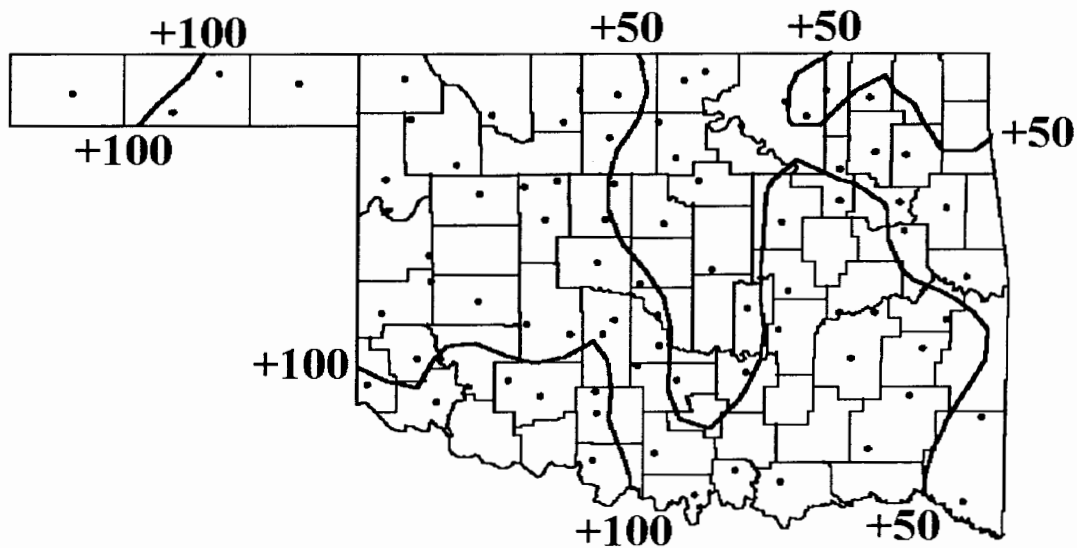
MAY 2000 TOTAL PRECIPITATION (INCHES)



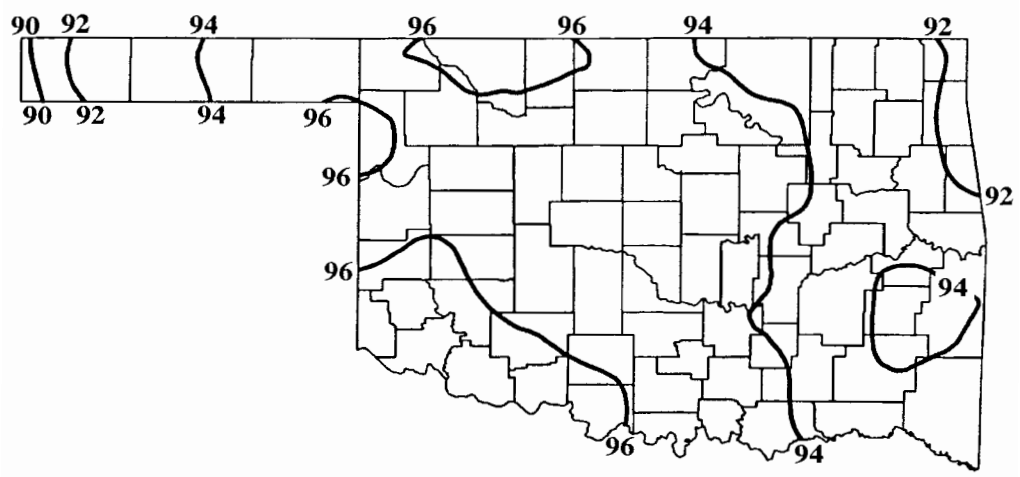
MAY 2000 DEPARTURE FROM NORMAL PRECIPITATION (INCHES)



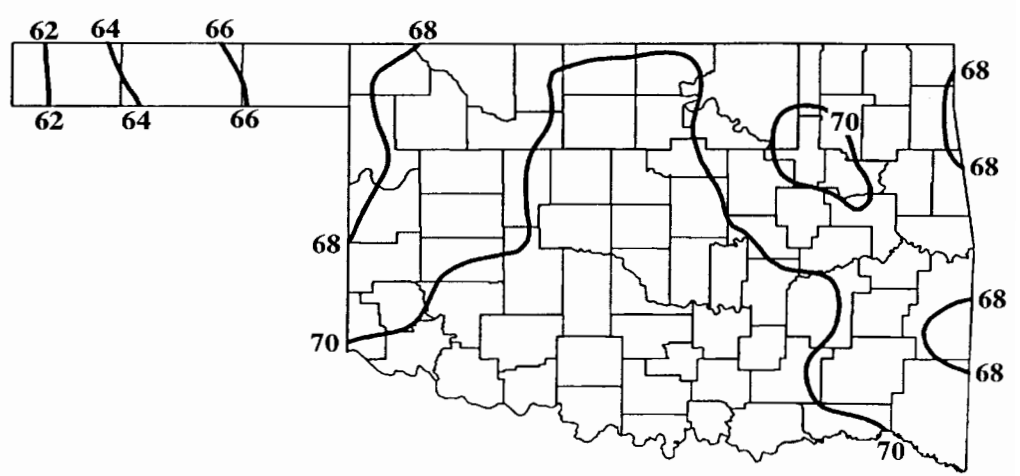
MAY 2000 ACCUMULATED COOLING DEGREE DAYS (F)



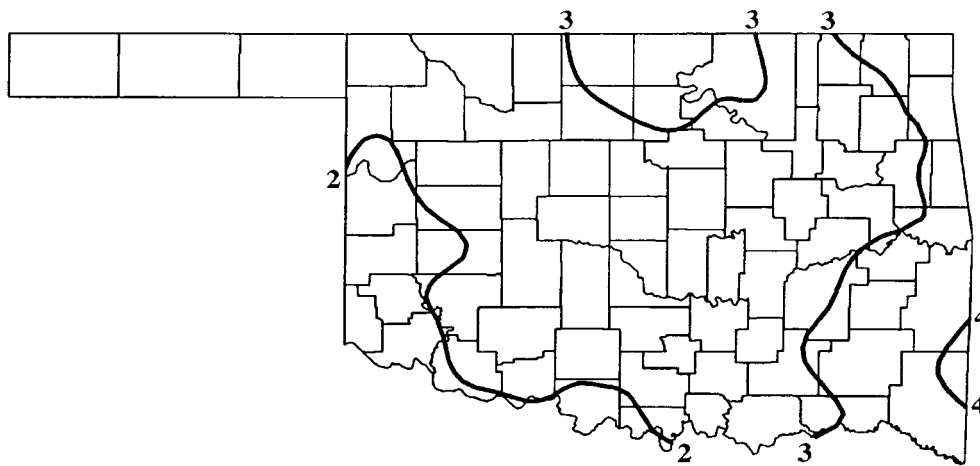
MAY 2000 DEPARTURE FROM NORMAL COOLING DEGREE DAYS (F)



JULY NORMAL DAILY MAXIMUM TEMPERATURE (F)



JULY NORMAL DAILY MINIMUM TEMPERATURE (F)



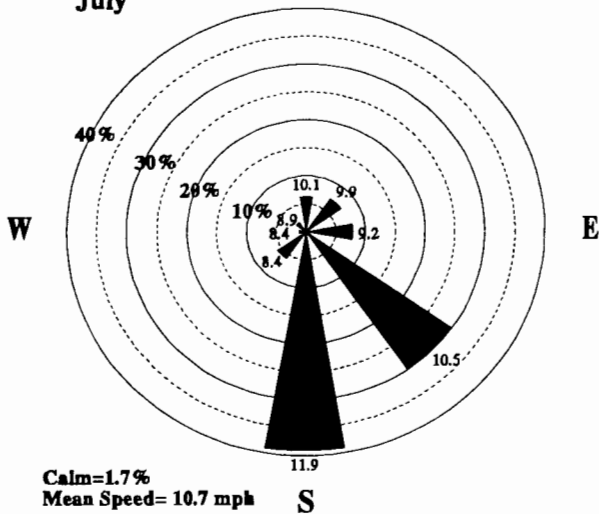
JULY NORMAL MONTHLY PRECIPITATION (INCHES)

**OUTLOOK FOR JULY 2000 THROUGH SEPTEMBER 2000
BASED ON SEASONAL OUTLOOK PROVIDED BY THE CLIMATE PREDICTION CENTER**

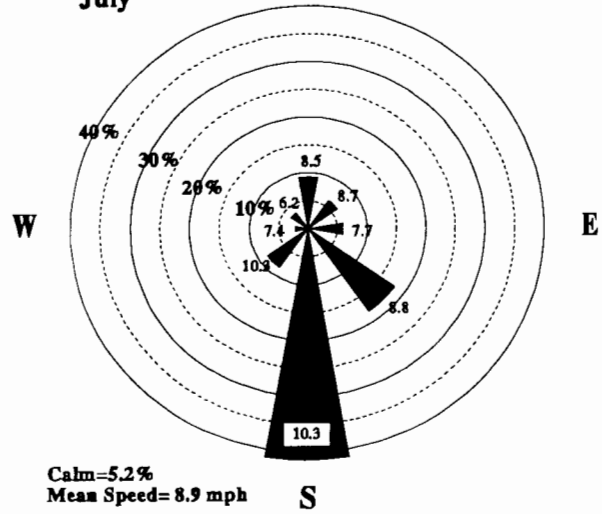
TEMPERATURE: NEAR NORMAL TEMPERATURE STATEWIDE

PRECIPITATION: BELOW NORMAL PRECIPITATION STATEWIDE

Oklahoma City N
July



Tulsa N
July



July 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.

JULY SUNRISE/SUNSET TIMES FOR 2000

ALL TIMES ARE CENTRAL STANDARD TIME

OKLAHOMA CITY

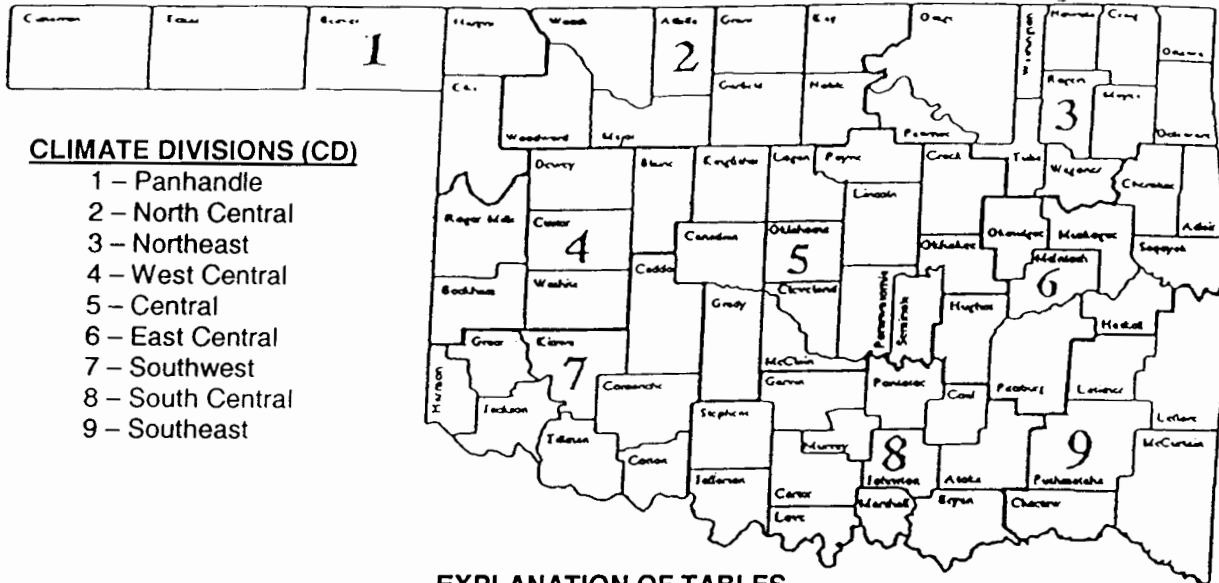
TULSA

<u>DATE</u>	<u>SUNRISE</u>	<u>SUNSET</u>
7/1/00	519	1949
7/2/00	519	1949
7/3/00	520	1949
7/4/00	520	1949
7/5/00	521	1949
7/6/00	521	1949
7/7/00	522	1948
7/8/00	522	1948
7/9/00	523	1948
7/10/00	523	1947
7/11/00	524	1947
7/12/00	525	1947
7/13/00	525	1946
7/14/00	526	1946
7/15/00	527	1945
7/16/00	527	1945
7/17/00	528	1944
7/18/00	529	1944
7/19/00	529	1943
7/20/00	530	1943
7/21/00	531	1942
7/22/00	531	1941
7/23/00	532	1941
7/24/00	533	1940
7/25/00	534	1939
7/26/00	534	1938
7/27/00	535	1938
7/28/00	536	1937
7/29/00	537	1936
7/30/00	537	1935
7/31/00	538	1934

<u>DATE</u>	<u>SUNRISE</u>	<u>SUNSET</u>
7/1/00	510	1945
7/2/00	511	1945
7/3/00	511	1945
7/4/00	512	1944
7/5/00	512	1944
7/6/00	513	1944
7/7/00	514	1944
7/8/00	514	1943
7/9/00	515	1943
7/10/00	515	1943
7/11/00	516	1942
7/12/00	517	1942
7/13/00	517	1942
7/14/00	518	1941
7/15/00	518	1941
7/16/00	519	1940
7/17/00	520	1940
7/18/00	521	1939
7/19/00	521	1938
7/20/00	522	1938
7/21/00	523	1937
7/22/00	523	1937
7/23/00	524	1936
7/24/00	525	1935
7/25/00	526	1934
7/26/00	526	1934
7/27/00	527	1933
7/28/00	528	1932
7/29/00	529	1931
7/30/00	530	1930
7/31/00	530	1929

ADD ONE HOUR FOR CENTRAL DAYLIGHT TIME

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 2000 HDD would be calculated as:

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

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

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

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

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

Total Precipitation: Often incorrectly referred to as 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 July

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	80	91	103	1917	67	1951		69	86	1937	57	1951		0.11	5.06	1913	
2	80	91	105	1980	72	1924		69	78	1980	58	1924		0.11	1.70	1922	
3	81	92	105	1980	75	1908		70	79	1953	57	1906		0.10	2.97	1947	
4	81	92	105	1996	73	1915		70	80	1980	57	1924		0.10	1.38	1997	
5	81	92	108	1996	77	1958		70	80	1933	55	1915		0.10	3.21	1979	
6	81	92	110	1996	73	1958		70	80	1953	55	1972		0.10	1.84	1929	
7	81	92	106	1996	76	1960		70	79	1996	57	1952		0.10	2.03	1895	
8	81	93	105	1964	70	1905		70	78	1970	57	1958		0.09	1.32	1959	
9	81	93	106	1964	71	1905		70	80	1933	56	1891		0.09	2.14	1898	
10	82	93	105	1998	66	1895		70	80	1933	56	1905		0.09	2.79	1996	
11	82	93	107	1933	67	1895		71	81	1933	58	1905		0.09	3.02	1996	
12	82	93	107	1954	62	1953		71	82	1933	56	1953		0.09	1.80	1926	
13	82	93	106	1954	73	1953		71	81	1934	56	1975		0.09	2.10	1963	
14	82	94	107	1954	80	1926		71	80	1934	57	1950		0.08	1.98	1996	
15	82	94	108	1936	71	1891		71	82	1936	59	1967		0.08	2.30	1921	
16	82	94	106	1980	74	1967		71	79	1939	61	1891		0.08	3.54	1900	
17	82	94	106	1980	80	1950		71	79	1943	63	1992		0.08	1.71	1959	
18	82	94	108	1936	72	1967		71	81	1936	62	1911		0.08	1.53	1893	
19	82	94	109	1936	74	1953		71	82	1936	63	1898		0.08	2.77	1916	
20	82	94	107	1936	77	1944		71	79	1934	60	1970		0.08	1.48	1897	
21	83	94	107	1939	78	1970		71	80	1981	54	1970		0.08	1.58	1997	
22	83	94	107	1974	73	1947		71	79	1981	57	1970		0.08	2.49	1899	
23	83	94	105	1998	77	1989		71	79	1981	55	1970		0.07	3.02	1960	
24	83	94	106	1998	73	1947		71	79	1993	61	1970		0.07	2.92	1975	
25	83	94	106	1998	76	1906		71	83	1934	58	1911		0.07	1.96	1906	
26	83	94	107	1998	75	1959		71	81	1998	63	1911		0.07	3.54	1978	
27	83	94	105	1986	75	1959		71	78	1939	59	1994		0.07	5.60	1981	
28	83	94	108	1986	75	1981		71	80	1946	58	1994		0.07	1.80	1963	
29	83	95	109	1986	76	1892		71	79	1966	60	1994		0.07	2.02	1975	
30	83	95	108	1986	73	1925		71	81	1998	57	1971		0.07	1.05	1996	
31	83	95	107	1980	76	1925		71	79	1943	53	1971		0.07	1.07	1978	
MONTH	82	93.4	110	1996	62	1953		70.6	86	1937	53	1971		2.61	5.60	1981	

*The most tornadoes reported in JULY for Oklahoma was (7) in 1956.

TULSA CLIMATE CALENDAR
 DATA COURTESY OF NATIONAL WEATHER SERVICE NORMAN

MONTH July

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	81	92	106	1917	73	1951		71	82	1980	57	1995		0.12	1.95	1922	
2	82	92	105	1933	78	1995		72	83	1980	54	1924		0.12	2.51	1929	
3	82	92	107	1911	76	1941		72	80	1983	54	1924		0.12	2.75	1903	
4	82	92	108	1911	75	1915		72	85	1980	56	1924		0.11	1.93	1930	
5	82	92	108	1911	77	1972		72	81	1980	53	1915		0.11	1.55	1950	
6	82	93	111	1996	78	1960		72	82	1980	55	1972		0.11	1.62	1932	
7	83	93	103	1917	78	1908		73	84	1980	58	1967		0.11	1.35	1994	
8	83	93	106	1917	79	1905		73	81	1980	61	1958		0.11	1.02	1906	
9	83	93	107	1925	70	1905		73	82	1980	59	1952		0.11	3.80	1915	
10	83	93	105	1933	75	1950		73	84	1980	59	1961		0.10	2.20	1906	
11	83	93	107	1954	70	1996		73	82	1969	59	1905		0.10	2.30	1963	
12	83	93	109	1954	66	1953		73	84	1980	59	1975		0.10	1.61	1998	
13	83	94	111	1954	76	1953		73	85	1980	54	1975		0.10	1.95	1994	
14	83	94	112	1954	77	1961		73	85	1954	54	1967		0.10	3.25	1994	
15	83	94	111	1936	78	1959		73	85	1980	54	1967		0.10	3.91	1961	
16	84	94	109	1980	72	1967		73	87	1980	57	1967		0.10	2.55	1967	
17	84	94	110	1936	82	1989		73	82	1980	59	1967		0.10	1.85	1989	
18	84	94	113	1936	74	1967		73	84	1954	64	1984		0.10	2.72	1924	
19	84	94	113	1936	77	1908		73	83	1980	61	1947		0.09	2.20	1933	
20	84	94	109	1936	78	1970		73	82	1981	56	1971		0.09	2.35	1906	
21	84	94	109	1939	77	1950		73	83	1996	55	1970		0.09	1.89	1994	
22	84	94	109	1974	69	1947		73	85	1954	57	1970		0.09	3.12	1960	
23	84	94	107	1936	69	1947		73	83	1954	58	1970		0.09	1.85	1973	
24	84	95	110	1934	73	1947		73	80	1993	60	1927		0.09	1.95	1973	
25	84	95	108	1934	80	1950		73	82	1934	54	1911		0.09	2.34	1931	
26	84	95	106	1978	75	1959		73	81	1999	60	1905		0.09	1.81	1928	
27	84	95	106	1936	76	1977		73	81	1999	59	1971		0.09	7.54	1963	
28	84	95	109	1936	79	1911		73	83	1986	61	1920		0.09	2.72	1976	
29	84	95	110	1986	79	1981		73	82	1999	60	1969		0.09	1.24	1950	
30	84	95	110	1986	79	1971		73	85	1980	55	1971		0.09	3.78	1981	
31	84	95	108	1980	79	1925		73	81	1958	51	1971		0.09	1.04	1979	
MONTH	83.3	93.7	113	1936	66	1953		72.8	87	1980	51	1971		0.10	7.54	1963	

* The average number of tornadoes reported in JULY for Oklahoma is (2.2).