

**OKLAHOMA
MONTHLY SUMMARY
REVISED
APRIL 2000**

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MONTHLY SUMMARY FOR APRIL 2000

April 2000 was a cooler-than-normal month and, when averaged across the state, drier than normal. The statewide-averaged temperature of 58.6 degrees was 2.1 degrees lower than normal making this Oklahoma's 29th coolest April since 1892. Although northeastern Oklahoma received greater than normal precipitation during the month, the statewide average of 2.54 inches was 0.55 inch less than normal, making this the 33rd driest of the 109 Aprils with reliable records. It should be noted, however, that substantial rains fell in southwestern and central Oklahoma on the last day of the month, but due to established methods for reporting precipitation, will be included in the next month's totals.

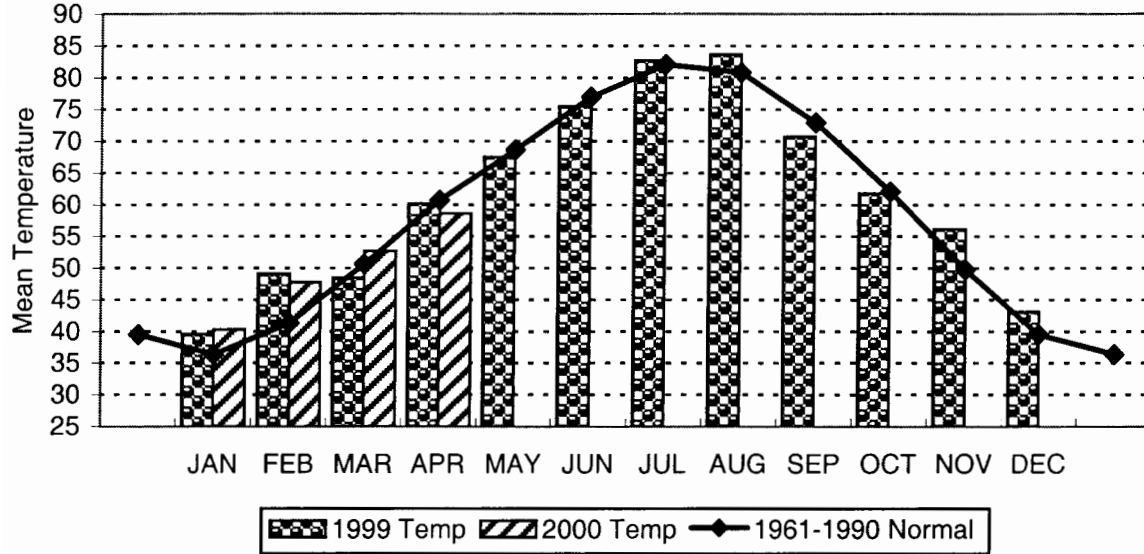
April went against the trend of the first three months of the year, but not enough to change the nature of the year, thus far, as both warmer and wetter than normal. Statewide-averaged temperatures through the first third of the year have averaged 49.8 degrees, 2.5 degrees higher than normal and the 20th highest such January-through-April temperature on record. Precipitation accumulations across the state have averaged 9.32 inches since the beginning of the year, 0.42 inch greater than normal, marking the year 2000 as, thus far, the 44th wettest since 1892.

A tornado was reported near Hodgen (LeFlore County) on the 2nd. Thunderstorms on the 23rd produced tornadoes north of Hartshorne (Pittsburg) and in McCurtain County (in northwestern Broken Bow, from Wright City to southeast of Broken Bow, and from near Idabel to northeast of Haworth). Two-and-three-quarter-inch hail was reported near Golden (McCurtain) on the 23rd. One-and-three-quarter-inch hail was reported in McCurtain County on the 7th, in Pottawatomie county on the 19th, and in Ellis County on the 27th. Mesonet station reports of maximum winds in excess of 60 miles per hour included: 74 miles per hour at El Reno (Canadian) on the 30th, 69 miles per hour at Blackwell (Kay) on the 27th, 66 miles per hour at Buffalo (Harper) on the 19th and Boise City (Cimarron) on the 22nd, 63 miles per hour at Alva (Woods) on the 22nd, 61 miles per hour at Boise City on the 18th and 61 miles per hour at Westville (Adair) on the 20th.

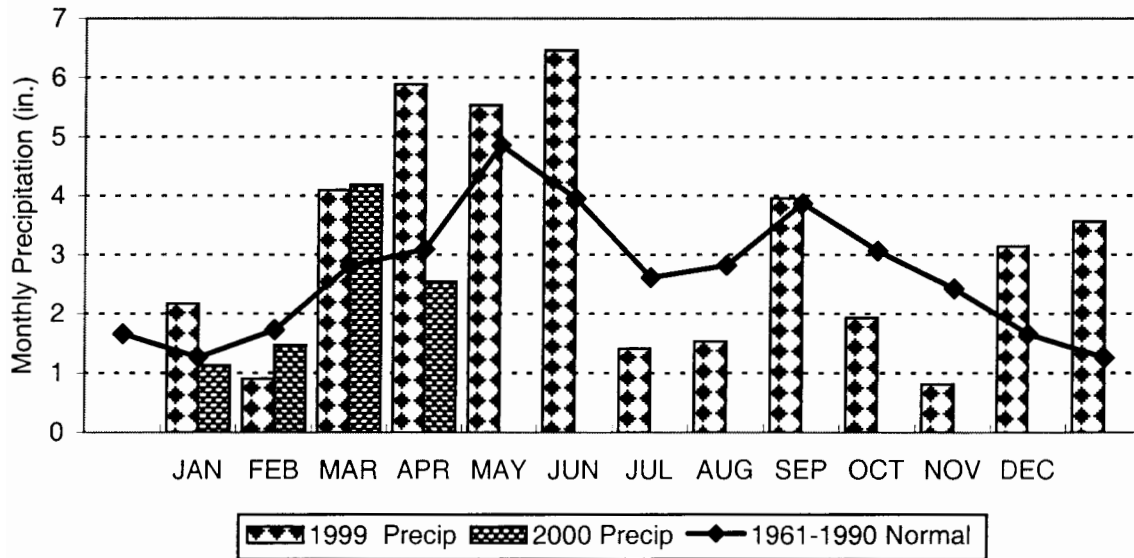
The Mesonet stations at Hugo (Choctaw) and Cloudy (Pushmataha) and National Weather Service observers at Willow (Greer), Pontotoc (Johnston), and Stilwell (Adair) each reported between two and 2.26 inches of precipitation on the 11th. The Vinita Mesonet site (Craig) received 2.79 inches of rain on the 23rd and the NWS observer at Lenapah (Nowata) reported 2.80 inches on the 24th. Leedey (Dewey) reported 2.44 inches on the 27th. Heavy precipitation produced minor flooding in central Oklahoma on the 30th. Most of the precipitation fell after the morning reporting times typical of NWS cooperative observers, so will appear in the record as occurring on May 1. The Fort Cobb Mesonet station (Caddo) recorded 4.87 inches and 3.12 inches of rain fell at Hobart Mesonet (Kiowa) as locally heavy rainfall, 5 to 7 inches according to media reports, inundated Caddo and Kiowa counties. Other available April 30th precipitation amounts at stations whose reports reflect calendar day totals include: Five inches at Edmond (Oklahoma), 4.25 inches at Chandler Mesonet (Lincoln), 3.97 inches at Minco Mesonet (Grady), 3.76 inches at Spencer Mesonet (Oklahoma), and 3.45 inches at Oklahoma City (Oklahoma).

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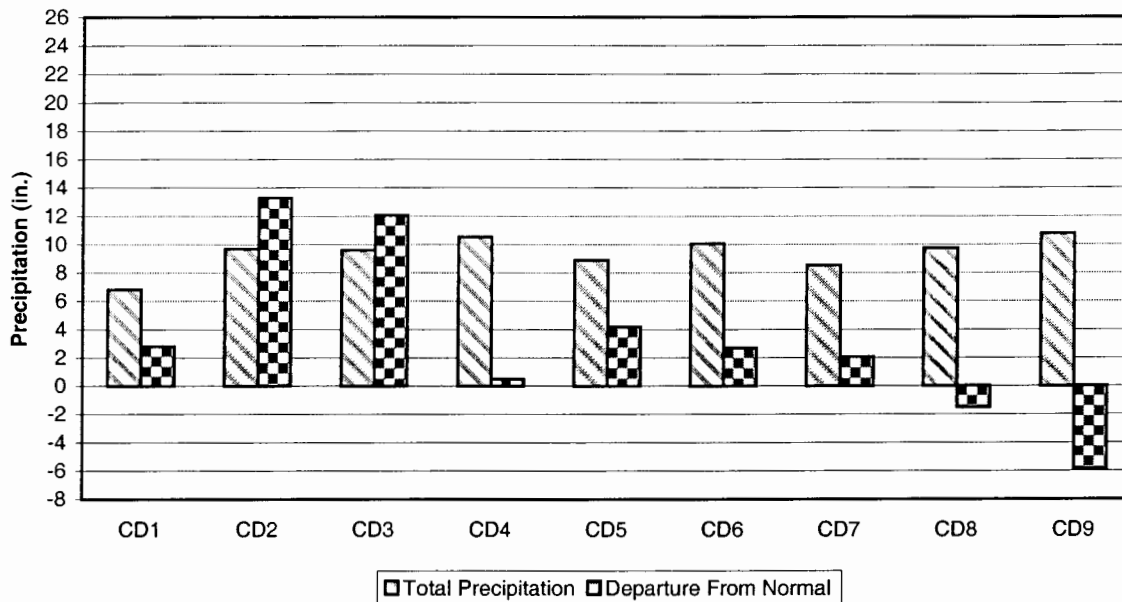
1999 and 2000 STATEWIDE TEMPERATURES Monthly Averages



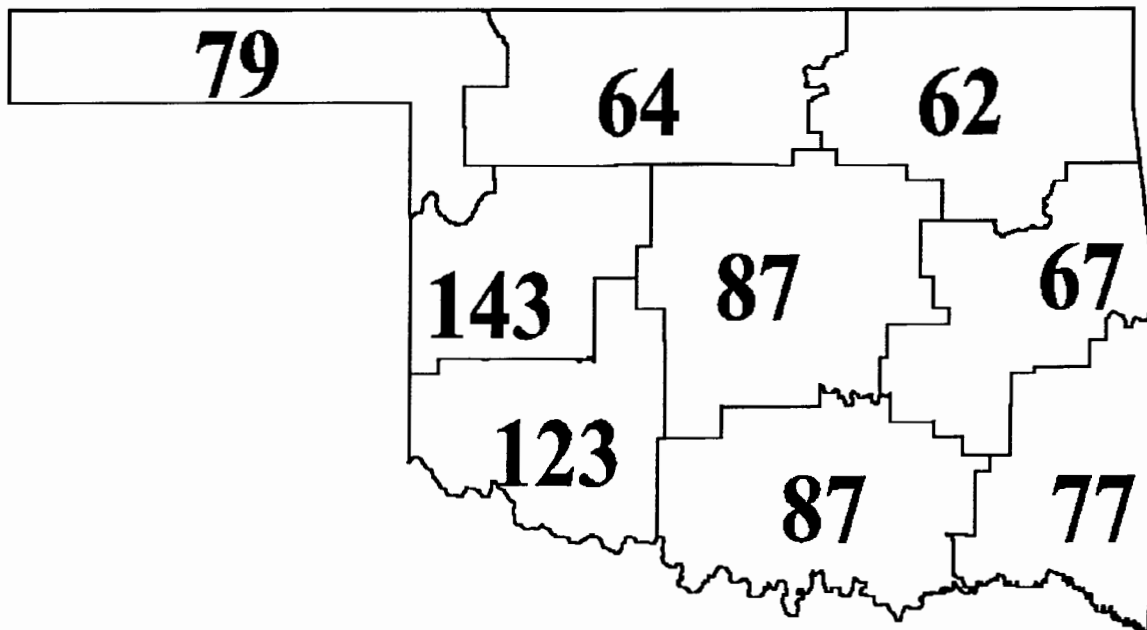
1999 and 2000 STATEWIDE PRECIPITATION Monthly Totals



CD Averaged Precipitation January through April 2000



CD PERCENT OF NORMAL PRECIPITATION APRIL 2000



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

CD	MAX TEMP	DATE	LOCATION	MIN TEMP	DATE	LOCATION	24-HOUR PRECIP	DATE	LOCATION	MONTHLY PRECIP	LOCATION
1	96	18	BUFFALO	24	4	BEAVER	1.83	27	ARNETT	3.62	ARNETT
	96	19	GAGE	24	5	BEAVER					
				24	8	BOISE CITY					
2	97	6	ALVA	23	7	FT SUPPLY	1.35	30	GREAT SALT P	2.55	GREAT SALT P
	97	5	WAYNOKA								
3	89	5	BARNSDALL	30	4	RALSTON	2.80	24	LENAPAH	3.84	LENAPAH
	89	5	BARTLESVILLE	30	8	SPAVINAW					
4	94	19	ERICK	27	4	TALOGA	2.44	27	LEEDEY	5.37	LEEDEY
	94	19	REYDON	27	5	TALOGA					
5	89	19	STILLWATER	28	8	HENNESSEY	5.00	30	EDMOND	6.66	EDMOND
	89	20	STILLWATER								
6	87	19	HOLDENVILLE	29	10	STILWELL	2.42	30	OKMULGEE	6.07	HOLDENVILLE
	87	18	OKMULGEE								
	87	19	OKMULGEE								
	87	20	OKMULGEE								
7	96	18	HOLLIS	28	4	CARNEGIE	2.15	11	WILLOW	5.40	WILLOW
8	89	5	WAURIKA	18	3	HEALDTON	2.45	30	LINDSAY	5.75	LINDSAY
	89	18	WAURIKA								
	89	19	WAURIKA								
9	86	20	IDABEL	24	9	SMITHVILLE	2.00	11	HEAVENER	5.89	WILBURTON
	86	18	POTEAU								

TABLE OF 1999/2000 COMPARISONS

**APRIL
Temperature (°F)**

**APRIL
Precipitation (in.)**

Station	1999	2000	1999	2000
Arnett	55.0	54.8	6.31	3.62
Enid	57.8	57.3	7.38	1.67
Tulsa	61.5	59.5	7.21	2.71
Elk City	57.9	57.1	4.06	3.39
Oklahoma City	61.3	59.0	6.92	5.18
McAlester	62.3	59.9	5.63	3.58
Altus Irr Station	61.7	59.9	2.23	2.68
Ardmore	64.1	62.2	4.12	2.88
Idabel	****	60.9	3.30	4.34

EXTREMES

VARIABLE	STATION	DIVISON	OBSERVATION	DATE
Minimum temperature (°F)	Healdton	8	18	3
Maximum temperature (°F)	Alva	2	97	6
	Waynoka	2	97	5
Maximum 24-hour Precipitation	Edmond	5	5.00"	30

APRIL 2000 SUMMARY FOR PANHANDLE DIVISION (CD1)

NAME	ID	CD	MEAN		DEV		MIN	DAY	HEAT		DEV		COOL		DEV		TOT	NUM	DEV	
			TEMP	OBS	FROM	MAX			DEG	DAY	FROM	DEG	DAY	FROM	DEG	DAY			FROM	MAX
ARNETT	332	1	54.8	30	-2.3	93	19	27	4	319	59	14	-9	3.620	30	1.84	1.83	27		
BEAVER	593	1	54.1	30	-1.7	94	19	24	5	338	44	12	-7	1.590	30	0.04	1.10	1		
BOISE CITY	908	1	56.0	30	0.8	90	18	24	8	269	-38	0	-12	0.582	30	-0.60	0.31	24		
BUFFALO	1243	1	60.3	30	0.5	96	18	30	8	173	-35	31	-19	0.690	30	-1.66	0.46	1		
FARGO	3070	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.524	30	-0.49	0.91	1		
GAGE	3407	1	56.7	29	-2.0	96	19	25	5	262	41	21	-11	1.933	29	*****	0.72	1		
GATE	3489	1	56.1	28	*****	94	19	28	8	269	*****	19	*****	1.293	30	-0.54	0.90	1		
GOODWELL	3628	1	55.5	30	1.0	92	19	25	8	287	-40	2	-11	1.900	30	0.67	0.80	1		
HOOKER	4298	1	58.4	28	*****	92	18	28	16	194	*****	10	*****	1.230	29	*****	1.15	30		
KENTON	4766	1	58.2	18	*****	87	18	27	16	129	*****	7	*****	0.000	20	*****	0.00	30		
LAVERNE	5045	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.943	30	-0.68	0.47	1		
RANGE	7412	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.070	30	*****	0.04	1		
REGNIER	7534	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.381	30	-0.71	0.29	23		
TURPIN	9017	1	56.7	22	*****	93	19	26	17	189	*****	6	*****	1.190	24	*****	1.09	1		

APRIL 2000 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)

NAME	ID	CD	MEAN		DEV		MIN	DAY	HEAT		DEV		COOL		DEV		TOT	NUM	DEV	
			TEMP	OBS	FROM	MAX			DEG	DAY	FROM	DEG	DAY	FROM	DEG	DAY			FROM	MAX
ALVA	193	2	57.6	30	*****	97	6	29	4	240	*****	17	*****	0.760	30	*****	0.36	16		
VANCE AFB	302	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.686	29	*****	0.43	2		
BILLINGS	755	2	56.0	30	-2.1	85	19	28	8	279	43	8	-22	1.441	30	-1.65	0.50	16		
BLACKWELL 2E	818	2	56.3	30	-2.4	86	19	31	5	271	53	11	-19	1.860	30	-1.11	0.75	11		
BRAMAN	1075	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.190	30	*****	0.70	16		
CEDARDALE	1620	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.541	30	*****	0.42	1		
CHEROKEE	1724	2	56.0	29	-4.1	90	6	29	8	273	85	12	-30	1.030	29	*****	0.80	17		
ENID	2912	2	57.3	30	-3.2	86	19	32	8	246	69	14	-29	1.673	30	-1.20	0.63	16		
FT SUPPLY	3304	2	56.0	30	-1.2	95	18	23	7	285	23	16	-13	1.060	30	-0.68	0.27	30		
GREAT SALT P	3740	2	57.4	30	-1.0	89	6	33	8	240	10	12	-20	2.550	30	-0.11	1.35	30		
HARDY	3909	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.390	30	*****	1.33	11		
HELENA	4019	2	55.4	30	-1.7	88	6	28	8	294	36	7	-15	1.612	30	-0.87	1.00	16		
JEFFERSON	4573	2	59.1	30	-0.6	89	5	27	4	196	-4	20	-21	1.702	30	-1.06	0.82	15		
LAMONT	5013	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.070	30	*****	0.48	16		
MEDFORD	5768	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.941	30	*****	0.78	15		
MORRISON	6065	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.180	30	*****	0.62	2		
MUTUAL	6139	2	55.8	30	-1.3	94	6	29	8	291	28	14	-12	1.590	30	-0.84	0.57	1		
NEWKIRK	6278	2	55.3	30	-4.3	85	19	29	9	300	99	9	-31	1.900	30	-1.19	0.80	16		
ORIENTA	6751	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.800	30	-0.81	0.86	16		
PERRY	7012	2	58.3	30	-3.1	88	20	33	8	220	59	21	-33	1.842	30	-0.86	0.66	1		
PONCA CITY	7201	2	58.6	29	-0.5	88	19	31	5	207	-5	21	-15	2.074	29	*****	0.83	12		
RED ROCK	7505	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.290	30	-0.47	0.97	30		
WAYNOKA	9404	2	58.3	30	-1.7	97	5	27	3	228	32	26	-21	0.500	30	-1.59	0.25	15		
WOODWARD	9760	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.743	30	-0.31	1.00	1		

APRIL 2000 SUMMARY FOR NORTHEAST DIVISION (CD3)

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		DAY
					FROM NORM	MAX TEMP										FROM NORM	MAX 24-HR	
BARNSDALL	535	3	60.1	29	-1.0	89	5	33	9	171	8	28	-18	2.012	29	*****	1.01	11
BARTLESVILLE	548	3	59.3	30	-2.0	89	5	32	9	184	23	14	-36	1.541	30	-1.85	0.51	11
BIXBY	782	3	59.2	29	-0.2	87	18	34	5	182	-8	15	-7	3.470	30	-0.06	2.20	30
BURBANK	1256	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.210	30	0.45	0.81	30
CHELSEA	1717	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.140	30	*****	0.53	24
CLAREMORE	1828	3	57.4	30	-1.6	86	6	34	9	242	40	15	-8	2.330	30	-1.22	1.40	11
FORAKER	3250	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.190	30	-0.93	1.02	11
HOLLOW	4258	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.821	30	-1.80	1.33	11
HOMINY	4289	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.782	30	-1.29	0.70	11
KANSAS	4672	3	58.4	28	*****	82	18	31	8	196	*****	13	*****	3.654	29	*****	1.82	29
LENAPAH	5118	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.840	30	*****	2.80	24
MARAMEC	5540	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.331	30	-1.72	0.39	16
NOWATA	6485	3	60.2	30	-0.1	88	5	32	9	168	-17	25	-20	1.870	30	-1.77	0.65	16
PAWHUSKA	6935	3	59.6	30	-1.0	88	5	34	9	181	5	19	-26	2.911	30	-0.43	1.30	24
PAWNEE	6940	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.590	30	0.48	1.94	24
PRYOR	7309	3	57.3	30	-1.5	85	6	31	9	242	29	11	-16	1.972	30	-1.94	1.42	11
RALSTON	7390	3	58.7	30	-2.2	87	20	30	4	208	38	18	-29	1.711	30	-1.45	0.69	2
SKIATOOK	8258	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.450	30	-2.00	0.98	11
SPAVINAW	8380	3	61.0	30	-0.6	83	19	30	8	149	-1	30	-19	1.023	30	-2.97	0.69	11
TULSA	8992	3	59.5	30	-2.0	88	5	33	8	190	39	25	-22	2.711	30	-1.01	1.77	30
UPPER SPAV	9101	3	60.6	29	*****	86	18	32	9	159	*****	30	*****	1.831	30	*****	1.16	11
VINITA	9203	3	58.3	12	*****	85	5	32	4	87	*****	6	*****	1.680	14	*****	1.45	22
WAGONER	9247	3	60.6	29	-1.2	85	18	33	8	150	12	21	-22	1.040	29	*****	0.51	20
WANN	9298	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.491	30	*****	0.54	11
WYMONA	9792	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.542	30	*****	0.92	11

APRIL 2000 SUMMARY FOR WEST CENTRAL DIVISION (CD4)

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		DAY
					FROM NORM	MAX TEMP										FROM NORM	MAX 24-HR	
CANTON DAM	1445	4	56.9	30	-1.3	87	19	28	4	256	19	14	-20	2.240	30	-0.05	0.70	16
CLINTON	1909	4	56.9	30	-4.1	88	19	30	5	253	82	11	-41	5.080	30	2.77	1.96	27
COLONY	2039	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.211	30	*****	2.15	30
CORDELL	2125	4	56.7	30	-4.0	86	20	32	5	256	82	7	-38	2.861	30	0.83	0.95	1
ELK CITY	2849	4	57.1	29	-3.2	89	6	33	17	241	63	13	-24	3.390	29	*****	1.04	1
ERICK	2944	4	57.9	30	-2.3	94	19	29	5	231	50	18	-19	3.510	30	1.47	1.10	1
GEARY	3497	4	57.3	27	*****	85	18	30	4	220	*****	11	*****	3.250	27	*****	2.10	30
HAMMON	3871	4	55.1	28	*****	92	6	28	5	283	*****	7	*****	3.250	30	1.29	1.23	16
LEEDEY	5090	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.370	30	3.13	2.44	27
MACKIE	5463	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.820	30	*****	0.82	1
MORAVIA	6035	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.211	30	1.20	1.50	1
OKEENE	6629	4	59.7	30	-1.2	87	19	30	4	181	9	21	-28	2.781	30	0.40	1.08	16
RETROP	7565	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.360	30	*****	1.15	1
REYDON	7579	4	59.0	26	*****	94	19	29	8	174	*****	19	*****	1.550	26	*****	0.72	25
SAYRE	7952	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.350	30	1.43	1.33	1
SWEETWATER	8652	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.830	30	*****	1.75	16
TALOGA	8708	4	55.5	30	-3.6	87	6	27	5	295	86	11	-21	2.311	30	-0.05	0.69	16
THOMAS	8815	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.230	30	*****	0.62	27
VICI	9172	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.282	30	-1.19	0.50	26
WATONGA	9364	4	59.0	30	-1.0	87	18	30	8	204	15	24	-16	2.251	30	-0.15	0.61	16
WEATHERFORD	9422	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.700	28	*****	1.00	30

APRIL 2000 SUMMARY FOR CENTRAL DIVISION (CD5)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV				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	DAY	MIN TEMP										
AMBER	200	5	****	0	****	****	0	****	0	*****	*****	*****	1.690	30	****	0.44	27	
ARCADIA	288	5	****	0	****	****	0	****	0	*****	*****	*****	2.070	30	****	0.68	16	
BLANCHARD	830	5	61.1	30	-1.1	87	19	33	4	153	12	37	-20	2.660	30	-0.45	0.85	2
BRISTOW	1144	5	60.4	27	****	87	6	31	4	156	****	31	****	0.770	28	****	0.32	16
CHANDLER	1684	5	59.3	29	-2.8	87	20	33	5	188	47	23	-32	0.981	29	****	0.60	16
CHICKASHA EXP	1750	5	61.5	30	-1.0	88	19	30	4	141	6	38	-23	2.672	30	-0.08	0.60	27
COX CITY	2196	5	****	0	****	****	0	****	0	*****	*****	*****	*****	3.740	30	****	1.30	12
CRESCENT	2242	5	****	0	****	****	0	****	0	*****	*****	*****	*****	2.220	30	****	0.58	1
CUSHING	2318	5	58.3	29	-1.8	86	20	32	4	213	33	19	-14	1.501	29	****	0.52	27
EDMOND	2788	5	****	0	****	****	0	****	0	*****	*****	*****	*****	6.661	30	****	5.00	30
EL RENO	2818	5	58.3	30	-2.3	88	20	35	9	218	41	17	-28	2.470	30	-0.10	1.20	2
GUTHRIE	3821	5	61.7	9	****	78	28	41	25	30	****	0	****	1.105	30	-1.55	1.10	2
HENNESSEY	4055	5	56.5	29	-3.7	83	19	28	8	246	59	1	-43	2.400	30	-0.29	0.61	27
INGALLS	4489	5	****	0	****	****	0	****	0	*****	*****	*****	*****	0.940	30	****	0.35	16
KINGFISHER	4861	5	57.8	30	-3.3	88	20	30	4	231	57	15	-42	2.160	30	-0.45	0.70	2
KONAWA	4915	5	****	0	****	****	0	****	0	*****	*****	*****	*****	4.970	30	0.89	2.05	30
MARSHALL	5589	5	****	0	****	****	0	****	0	*****	*****	*****	*****	2.100	30	-0.46	0.83	1
MEEKER	5779	5	55.7	24	****	83	20	30	5	231	****	8	****	1.492	25	****	0.64	3
MULHALL	6110	5	****	0	****	****	0	****	0	*****	*****	*****	*****	2.000	30	****	0.63	2
NORMAN NWS	6386	5	58.8	30	-3.7	87	19	32	4	207	79	22	-32	3.815	30	0.59	1.67	30
OKEMAH	6638	5	61.8	30	-0.1	84	19	36	8	131	-6	35	-9	4.200	30	0.28	1.91	27
OKLAHOMA CTY	6659	5	****	0	****	****	0	****	0	*****	*****	*****	*****	1.772	30	****	0.51	2
OKLAHOMA CTY	6661	5	59.0	30	-1.4	87	19	32	4	198	22	18	-20	5.175	30	2.41	3.45	30
PERKINS	7003	5	****	0	****	****	0	****	0	*****	*****	*****	*****	1.050	30	-1.87	0.54	16
PIEDMONT	7068	5	****	0	****	****	0	****	0	*****	*****	*****	*****	2.650	30	****	0.65	2
PRAGUE	7264	5	****	0	****	****	0	****	0	*****	*****	*****	*****	2.191	30	-1.51	0.85	20
PURCELL	7327	5	59.0	30	-3.4	86	20	33	4	205	73	25	-29	2.731	30	-0.88	0.67	2
SEMINOLE	8042	5	58.2	30	-5.4	87	18	33	5	215	109	11	-54	5.200	30	1.38	2.20	30
SHAWNEE	8110	5	****	0	****	****	0	****	0	*****	*****	*****	*****	2.710	30	-1.27	0.76	2
STILLWATER	8501	5	59.3	30	0.0	89	20	32	4	201	-4	28	-5	1.842	30	-1.08	0.76	2
STROUD	8563	5	****	0	****	****	0	****	0	*****	*****	*****	*****	1.534	30	****	0.60	27
TECUMSEH	8751	5	****	0	****	****	0	****	0	*****	*****	*****	*****	2.630	30	****	0.86	13
TROUSDALE	8960	5	57.8	30	****	86	20	31	4	230	****	13	****	3.770	30	****	0.72	20
UNION CITY	9086	5	****	0	****	****	0	****	0	*****	*****	*****	*****	1.983	30	-0.88	0.46	2
WELTY	9479	5	****	0	****	****	0	****	0	*****	*****	*****	*****	3.122	30	****	1.54	27
WEWOKA	9575	5	****	0	****	****	0	****	0	*****	*****	*****	*****	2.700	30	-1.01	1.00	2

APRIL 2000 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV				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	DAY	MIN TEMP										
ASHLAND	364	6	****	0	****	****	0	****	0	*****	*****	*****	*****	2.811	30	****	1.10	12
BEGGS	631	6	****	0	****	****	0	****	0	*****	*****	*****	*****	1.680	30	****	0.90	20
CALVIN	1391	6	****	0	****	****	0	****	0	*****	*****	*****	*****	4.480	30	0.28	1.98	30
CHECOTAH	1711	6	****	0	****	****	0	****	0	*****	*****	*****	*****	1.161	30	-2.96	0.32	2
CLAYTON	1858	6	****	0	****	****	0	****	0	*****	*****	*****	*****	2.510	30	****	1.38	27
DEWAR	2485	6	****	0	****	****	0	****	0	*****	*****	*****	*****	3.831	30	-0.19	0.93	24
DUSTIN	2690	6	****	0	****	****	0	****	0	*****	*****	*****	*****	3.350	30	****	0.86	27
EUFAULA	2993	6	61.8	30	-1.5	85	18	38	8	132	16	37	-29	2.570	30	-1.53	0.50	20
HANNA	3884	6	60.4	30	-2.0	84	18	32	9	161	35	23	-26	3.301	30	-0.79	0.87	24
HASKELL	3956	6	****	0	****	****	0	****	0	*****	*****	*****	*****	1.240	30	-2.41	0.94	20
HOLDENVILLE	4235	6	59.3	30	-2.8	87	19	33	3	186	57	15	-28	6.072	30	2.08	2.35	30
LAKE EUFAULA	4975	6	59.1	30	****	85	19	35	9	194	****	16	****	2.570	30	****	1.05	12
LYONS	5437	6	****	0	****	****	0	****	0	*****	*****	*****	*****	2.350	30	-2.42	0.67	24
MARBLE CITY	5546	6	****	0	****	****	0	****	0	*****	*****	*****	*****	0.470	30	****	0.35	12
MCALESTER	5664	6	59.9	30	-2.0	85	18	33	9	180	38	28	-22	3.584	30	-0.52	1.47	30
MCCURTAIN	5693	6	60.5	30	-2.5	85	18	31	10	170	56	35	-19	2.343	30	-2.20	1.07	12
MUSKOGEE	6130	6	58.8	30	-3.2	86	18	31	9	200	68	15	-27	3.392	30	-0.69	1.37	30
OKMULGEE	6670	6	60.0	30	-0.3	87	20	32	9	171	-1	20	-9	4.401	30	0.21	2.42	30
OKTAHA	6678	6	****	0	****	****	0	****	0	*****	*****	*****	*****	1.650	30	****	0.74	20
SALLISAW	7862	6	58.8	30	-3.5	85	19	36	8	201	70	15	-35	1.720	30	-2.67	0.57	20
SCIPIO	7979	6	****	0	****	****	0	****	0	*****	*****	*****	*****	3.530	30	****	1.58	12
SHORT	8170	6	****	0	****	****	0	****	0	*****	*****	*****	*****	1.940	30	****	0.92	12
STILWELL	8506	6	56.0	30	-4.3	82	5	29	10	271	96	0	-34	3.380	30	-1.12	2.00	11
TAHLEQUAH	8677	6	59.0	30	-2.1	83	18	30	8	198	36	16	-29	2.210	30	-1.95	0.95	24
WEBBERS FALL.	9445	6	57.9	29	-2.4	86	19	32	9	214	40	8	-26	1.041	29	****	0.35	12
WETUMKA	9571	6	****	0	****	****	0	****	0	*****	*****	*****	*****	3.633	30	-0.61	1.16	27

APRIL 2000 SUMMARY FOR SOUTHWEST DIVISION (CD7)

NAME	ID	CD	MEAN		DEV		MIN	DAY	HEAT		DEV		COOL		DEV		TOT	NUM	DEV	
			TEMP	OBS	FROM	MAX			DEG	FROM	DEG	FROM	NORM	DEG	FROM	MAX			24-HR	DAY
ALTUS	179	7	59.9	30	-3.4	92	18	31	4	172	49	18	-55	2.680	30	0.76	0.98	1		
ALTUS DAM	184	7	60.6	30	-0.8	93	19	31	5	179	23	47	-2	3.110	30	1.20	1.44	1		
ANADARKO	224	7	56.9	30	-4.6	86	20	29	5	257	102	13	-37	2.190	30	-0.27	0.51	27		
APACHE	260	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.840	30	0.24	0.93	27		
ALTUS AFB	447	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.404	29	*****	1.21	2		
CARNEGIE	1504	7	57.7	30	-3.9	85	20	28	4	236	82	16	-37	3.762	30	1.40	1.40	1		
CHATTANOOGA	1706	7	58.6	28	*****	89	20	30	4	179	*****	1	*****	1.640	28	*****	0.65	16		
DUNCAN 11 W	2668	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.530	30	*****	0.62	2		
FREDERICK	3353	7	60.5	28	*****	92	18	36	4	152	*****	25	*****	3.760	29	*****	1.73	30		
HEADRICK	3998	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.510	30	*****	0.85	1		
HOBART	4204	7	57.4	29	-4.0	84	20	30	5	229	66	8	-47	2.922	29	*****	1.56	2		
HOLLIS	4249	7	60.8	30	-2.1	96	18	30	4	159	28	33	-35	3.050	30	1.07	1.38	1		
LAWTON	5063	7	59.6	30	-2.3	88	20	33	8	182	43	20	-26	2.240	30	-0.19	0.52	16		
LOOKEBA	5329	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.554	30	0.09	1.10	1		
MANGUM	5509	7	60.0	30	-2.9	94	19	32	5	170	39	19	-50	3.120	30	1.33	1.50	3		
RANDLETT	7403	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.642	30	*****	1.22	12		
ROOSEVELT	7727	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.270	30	-0.09	1.10	1		
SEDAN	8016	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.470	30	*****	1.00	2		
SNYDER	8299	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.030	30	-0.22	0.66	16		
VINSON	9212	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.710	30	2.03	1.43	1		
WALTERS	9278	7	59.9	30	-3.6	89	20	33	5	174	53	21	-56	1.990	30	-0.89	0.61	2		
WICHITA MT	9629	7	59.8	30	-0.6	89	20	31	4	184	6	28	-12	2.160	30	-0.49	0.76	15		
WILLOW	9668	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.400	30	*****	2.15	11		

APRIL 2000 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

NAME	ID	CD	MEAN		DEV		MIN	DAY	HEAT		DEV		COOL		DEV		TOT	NUM	DEV	
			TEMP	OBS	FROM	MAX			DEG	FROM	DEG	FROM	NORM	DEG	FROM	MAX			24-HR	DAY
ADA	17	8	58.2	30	-4.2	85	19	33	4	215	83	12	-43	2.410	30	-1.08	0.60	27		
ALLEN	147	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.320	30	*****	0.97	12		
ARDMORE	292	8	62.2	25	*****	87	18	38	8	107	*****	36	*****	2.880	27	*****	1.44	11		
BOKCHITO	917	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.620	30	*****	1.02	16		
CANEY	1437	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.670	30	*****	1.12	13		
CENTRAHOMA	1648	8	58.1	29	*****	87	8	31	9	210	*****	10	*****	2.900	29	*****	1.00	12		
CHICKASAW	1745	8	58.2	29	-3.4	87	20	28	4	208	63	10	-33	2.571	29	*****	1.11	12		
COLEMAN	2011	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.150	30	*****	0.85	13		
COMANCHE	2054	8	61.3	30	*****	87	19	36	4	144	*****	33	*****	2.800	30	-0.18	0.78	11		
DAISY	2354	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.950	30	-1.10	0.96	12		
DUNCAN	2660	8	59.6	30	-2.9	87	20	35	4	181	54	20	-33	2.831	30	-0.16	0.67	12		
DURANT	2678	8	59.6	29	-2.6	86	7	31	8	175	36	19	-36	0.000	29	*****	0.00	30		
ELMORE CITY	2872	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.690	30	*****	0.93	2		
GRADY	3688	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.180	30	*****	1.40	11		
HEALDTON	4001	8	58.7	29	-4.5	88	19	18	3	199	80	16	-49	3.150	29	*****	1.46	12		
HENNEPIN	4052	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.430	30	*****	1.01	12		
KETCHUM RAN	4780	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.130	30	*****	0.90	1		
KINGSTON	4865	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.722	30	-0.16	0.94	11		
LEHIGH	5108	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.301	30	*****	1.05	12		
LINDSAY	5216	8	57.8	29	-4.6	86	19	31	3	221	84	13	-46	5.750	29	*****	2.45	30		
LOCO	5247	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.590	30	*****	1.02	12		
MADILL	5468	8	60.2	30	-3.4	87	19	37	9	170	68	25	-36	2.480	30	-1.52	0.65	12		
MARLOW	5581	8	61.5	30	-0.8	87	19	28	4	143	10	37	-16	2.590	30	-0.33	0.53	2		
MARIETTA	5563	8	58.7	30	-4.9	85	19	31	9	201	98	13	-49	3.100	30	-0.51	1.27	12		
MCGEE CREEK	5713	8	59.8	28	*****	85	9	34	4	158	*****	12	*****	3.770	28	*****	0.88	12		
PAULS VALLEY	6926	8	57.7	30	-5.5	87	19	31	5	236	114	16	-53	3.000	30	-0.45	0.97	12		
PONTOTOC	7214	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.590	30	1.77	2.13	11		
TUSSY	9032	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.190	30	*****	1.00	11		
WAURIKA	9395	8	63.8	30	-0.3	89	19	32	4	102	-8	66	-18	2.643	30	-0.30	1.12	12		

APRIL 2000 SUMMARY FOR SOUTHEAST DIVISION (CD9)

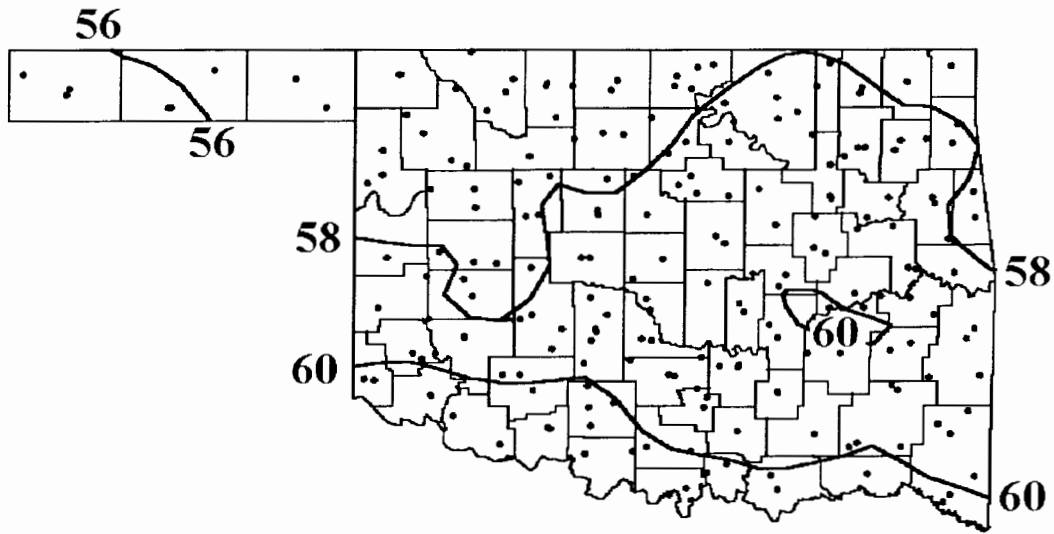
NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ANTLERS	256	9	60.3	30	-2.7	84	18	29	9	170	61	27	-19	3.990	30	-0.33	1.38	11
BATTIEST	567	9	59.3	30	*****	84	20	34	10	178	*****	8	*****	2.961	30	*****	0.90	12
BENGAL	670	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.860	30	*****	1.03	12
BROKEN BOW	1162	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.830	30	-0.68	1.06	12
CARNASAW	1499	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.832	30	-2.06	0.97	24
CARTER TWR	1544	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.310	30	-3.37	0.83	12
FANSHAWE	3065	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.060	30	-0.55	1.33	24
HEAVENER	4008	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.190	30	-0.28	2.00	11
IDABEL	4451	9	60.9	30	-1.1	86	20	36	4	147	16	25	-16	4.341	30	-0.08	1.20	12
PAGE	6842	9	58.1	30	*****	84	20	30	9	224	*****	17	*****	3.950	30	*****	1.04	12
POTEAU	7254	9	59.5	30	*****	86	18	29	9	177	*****	12	*****	3.351	30	*****	1.03	30
SMITHVILLE	8285	9	56.8	29	-3.8	84	20	24	9	244	86	6	-21	2.994	30	-1.75	1.20	12
SPIRO	8416	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.530	30	-1.83	1.03	12
TUSKAHOMA	9023	9	60.4	30	-2.5	84	19	28	9	166	47	29	-28	4.391	30	-0.33	1.26	12
VALLIANT	9118	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.740	30	-0.60	1.05	12
WILBURTON	9634	9	60.1	30	-1.9	85	18	27	9	173	34	25	-25	5.890	30	1.19	1.60	30
WISTER	9724	9	59.8	16	*****	85	20	38	22	90	*****	7	*****	3.080	20	*****	1.94	12

APRIL 2000 CLIMATE DIVISION SUMMARY

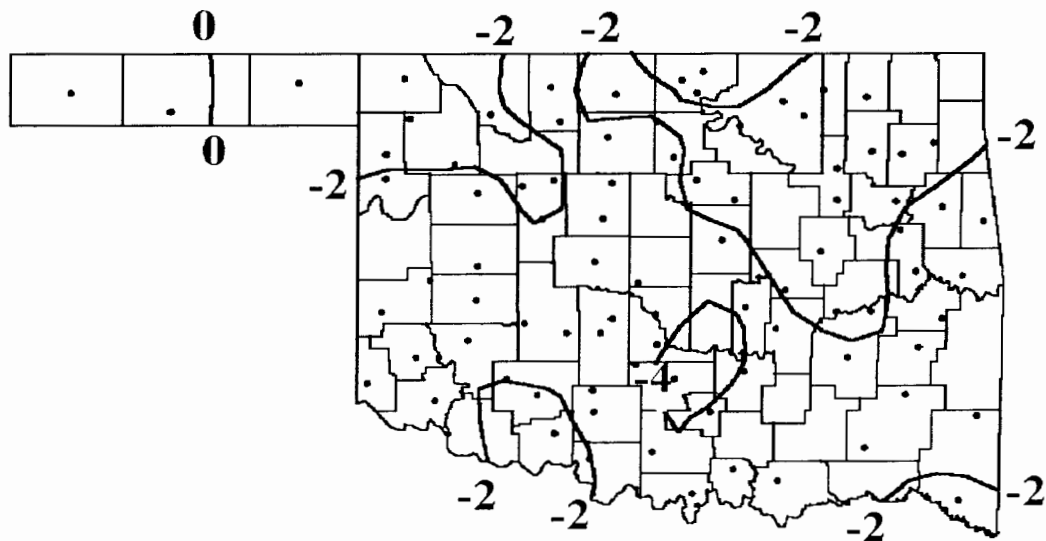
CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
1	56.2	6	-0.2	96	19	24	8	275	-5	13	-10	1.260	10	-0.33	1.83	27
2	57.0	14	-2.1	97	5	23	7	255	41	15	-21	1.650	21	-0.94	1.35	30
3	59.5	12	-1.0	89	5	30	8	185	11	21	-18	2.180	21	-1.33	2.80	24
4	57.5	8	-2.3	94	19	27	5	239	44	15	-25	3.110	17	0.93	2.44	27
5	59.1	14	-2.5	89	20	28	8	198	45	21	-29	2.780	32	-0.42	5.00	30
6	59.3	12	-2.4	87	20	29	10	190	47	19	-26	2.810	25	-1.39	2.42	30
7	59.2	10	-2.9	96	18	28	4	194	50	22	-36	2.800	19	0.53	2.15	11
8	59.5	13	-3.5	89	19	18	3	185	63	22	-40	3.110	22	-0.47	2.45	30
9	59.4	8	-2.7	86	18	24	9	185	53	18	-25	3.580	16	-0.99	2.00	11

MESONET MONTHLY SUMMARY FOR APRIL 2000

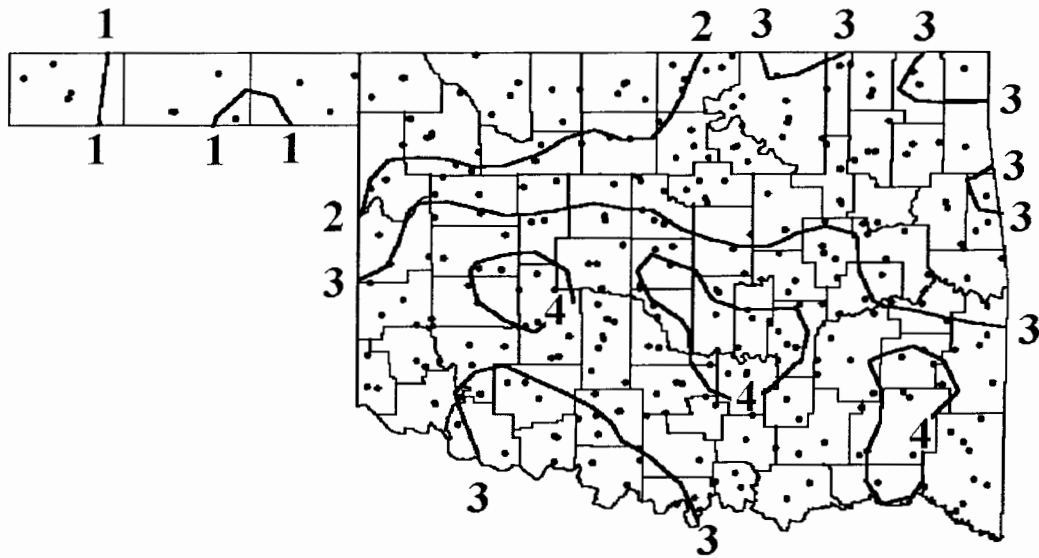
NAME	MEAN TEMP	MAX TEMP	MIN TEMP	DAY	HDD	COO	TOT PPT	MAX 24-HR	DAY	NAME	MEAN TEMP	MAX TEMP	MIN TEMP	DAY	HDD	COO	TOT PPT	MAX 24-HR	DAY		
PANHANDLE																					
Arnett	57.6	95	18	28	4	240	19	1.31	0.35	1	Goodwell	55.7	90	18	25	8	289	11	1.93	1.09	24
Beaver	57.4	96	18	26	4	249	20	0.92	0.44	30	Hooker	56.5	92	18	27	4	271	15	1.45	1.23	30
Boise City	53.8	88	18	22	8	336	1	0.53	0.23	24	Kenton	55.1	88	18	24	16	301	5	0.07	0.04	30
Buffalo	57.3	95	18	28	8	243	13	0.71	0.21	24	Slapout	56.8	95	18	25	8	263	18	1.65	1.11	27
NORTH CENTRAL																					
Alva	56.8	94	5	28	8	263	17	1.09	0.42	15	May Ranch	57.2	92	5	30	8	249	16	1.03	0.48	30
Blackwell	57.5	86	18	30	4	237	13	2.13	0.70	30	Medford	56.6	86	5	30	4	260	8	2.40	0.84	15
Breckenridge	56.5	84	19	28	4	265	9	1.98	0.65	30	Newkirk	57.4	86	5	31	8	244	15	2.48	0.73	30
Cherokee	56.7	86	5	29	4	258	8	1.52	0.88	15	Red Rock	58.3	87	19	29	4	220	19	3.85	1.21	1
Fairview	56.8	85	5	29	8	260	13	2.20	0.66	15	Seiling	57.3	91	5	28	4	247	15	1.71	0.46	1
Freedom	57.6	93	5	28	4	238	16	1.19	0.61	30	Woodward	57.9	96	18	31	8	235	23	1.43	0.50	30
Lahoma	56.8	85	5	31	8	246	8	2.48	1.13	15											
NORTHEAST																					
Bixby	60.1	86	5	35	4	173	25	3.41	2.19	30	Nowata	57.9	86	5	31	8	228	15	3.84	1.52	30
Burbank	58.3	87	5	31	4	219	19	3.23	0.83	30	Pawnee	59.4	89	5	31	4	195	26	3.86	1.62	30
Catoosa	59.5	87	5	33	8	191	26	2.91	1.83	30	Porter	59.9	86	18	34	8	177	25	3.57	2.40	30
Claremore	59.0	88	5	33	9	200	21	3.33	1.93	30	Pryor	57.7	85	5	31	9	230	12	2.36	1.57	30
Copan	58.0	87	5	32	8	220	10	4.23	1.40	11	Skiatook	58.9	86	5	33	8	204	21	3.15	2.14	30
Foraker	58.2	87	5	32	4	218	15	3.81	1.13	11	Vinita	57.0	85	5	29	8	248	10	5.42	2.79	23
Jay	57.2	83	5	33	8	243	10	****	****	***	Wynona	58.9	88	5	34	8	202	19	3.81	1.72	30
Miami	57.3	83	5	31	8	241	10	3.61	1.66	30											
WEST CENTRAL																					
Bessie	58.9	88	5	34	8	205	21	4.33	1.67	1	Putnam	57.0	87	5	31	4	253	12	3.22	0.93	15
Butler	59.4	91	5	29	4	191	23	3.44	1.16	1	Retrop	59.0	90	5	30	4	201	22	3.95	1.58	1
Camargo	56.8	94	5	28	4	260	15	2.88	1.11	27	Watonga	57.4	84	18	31	4	239	11	3.53	1.22	1
Cheyenne	58.5	93	18	33	16	214	20	2.86	0.91	1	Weatherford	57.2	85	18	30	8	244	11	4.94	1.53	1
Erick	58.1	91	18	28	4	223	16	3.71	1.20	1											
CENTRAL																					
Acme	59.8	87	5	30	4	180	24	4.90	1.34	11	Minco	58.6	86	19	32	8	209	16	5.97	3.97	30
Bowlegs	59.1	85	18	34	4	196	19	4.75	1.92	30	Ninnekah	59.7	86	18	32	4	181	22	3.29	0.97	30
Bristow	59.1	85	5	32	4	200	23	2.54	1.77	30	Norman	59.1	86	19	34	4	199	23	4.51	2.38	30
Chandler	59.4	85	5	33	4	194	26	5.19	4.25	30	Oilton	58.8	87	5	30	4	212	25	2.94	2.14	30
Chickasha	59.8	89	19	30	4	183	25	3.20	0.95	30	Okemah	59.4	83	18	34	8	190	21	5.68	2.41	30
El Reno	57.6	88	19	30	4	239	17	4.58	2.11	30	Perkins	59.9	90	19	32	4	186	33	3.27	1.96	30
Guthrie	59.2	87	19	30	4	196	22	5.64	2.86	30	Shawnee	59.6	85	5	32	8	186	23	5.09	2.99	30
Kingfisher	58.1	86	19	29	4	222	14	4.24	1.54	30	Spencer	59.5	87	19	33	4	190	26	5.44	3.76	30
Marena	59.1	89	19	31	4	201	25	3.36	1.73	30	Stillwater	59.1	89	19	30	4	206	29	3.64	1.85	30
Marshall	58.0	86	19	29	4	227	17	3.51	1.34	1	Washington	59.6	87	19	35	4	186	24	3.69	1.10	30
EAST CENTRAL																					
Calvin	59.7	84	18	31	9	182	21	4.50	1.75	30	Sallisaw	59.0	85	18	31	9	196	16	2.58	1.02	30
Cookson	58.0	83	5	31	9	225	13	2.40	1.00	30	Stigler	59.8	85	18	31	9	177	22	2.62	0.93	11
Eufaula	59.7	83	18	36	8	177	19	3.31	1.45	30	Stuart	59.7	82	18	35	4	179	21	5.29	2.01	30
Haskell	58.9	84	18	33	8	200	18	3.96	2.82	30	Tahlequah	57.5	83	18	31	8	236	11	4.86	1.64	23
Hectorville	59.8	85	18	33	8	178	22	3.65	2.29	30	Webbers Falls	60.7	87	18	33	4	160	29	2.37	1.23	30
McAlester	59.4	83	18	32	9	189	22	4.39	1.48	30	Westville	57.3	82	5	30	8	239	10	3.86	1.84	11
Okmulgee	59.5	85	18	34	4	187	23	4.67	2.42	30											
SOUTHWEST																					
Altus	61.2	93	18	32	4	150	36	3.19	1.10	1	Hollis	60.6	95	18	32	4	163	32	4.27	1.75	30
Apache	59.0	86	19	34	4	198	18	4.12	1.45	30	Mangum	59.3	92	18	28	4	194	21	5.34	2.08	30
Fort Cobb	59.4	88	18	32	4	191	22	7.60	4.87	30	Medicine Park	60.2	87	5	36	4	170	27	3.83	1.38	30
Grandfield	61.9	93	18	33	4	140	48	2.48	0.67	15	Tipton	61.4	91	18	32	4	143	35	3.76	1.63	30
Hinton	57.9	86	18	32	4	228	14	6.02	2.58	30	Walters	61.0	90	18	31	4	153	35	2.47	0.64	1
Hobart	57.9	85	18	30	4	223	11	6.30	3.12	30											
SOUTH CENTRAL																					
Ada	59.6	85	18	33	4	186	23	4.87	2.51	30	Madill	60.7	84	18	32	4	162	33	3.82	0.89	11
Ardmore	61.0	85	18	34	4	153	34	3.39	0.79	11	Pauls Valley	60.4	86	18	33	4	170	31	4.02	1.41	30
Burneyville	61.2	85	18	31	9	147	32	2.25	0.52	15	Ringling	61.0	86	18	31	4	152	32	2.76	0.69	11
Byars	59.5	84	18	33	4	186	22	6.10	2.90	30	Sulphur	59.9	84	18	30	4	181	27	3.14	0.67	12
Centrahoma	59.2	85	18	29	4	200	25	3.95	1.29	30	Tishomingo	59.6	85	18	31	9	188	27	3.98	1.72	30
Durant	60.8	83	7	35	4	160	33	3.35	0.65	1	Vanoss	60.0	86	18	32	4	180	30	4.71	2.05	30
Ketchum Ranch	60.8	87	5	34	4	156	29	4.62	1.53	30	Waurika	62.0	89	5	32	4	133	44	2.83	0.83	11
Lane	59.8	84	18	32	9	184	27	3.88	0.80	30											
SOUTHEAST																					
Antlers	59.0	85	18	25	9	209	29	3.30	0.84	11	Idabel	60.1	84	19	31	9	172	26	3.27	1.23	11
Broken Bow	60.1	86	19	29	9	170	23	3.93	1.26	11	Mt Herman	58.2	81	19	30	4	218	13	3.01	1.04	11
Clayton	59.9	85	19	28	9	176	23	5.12	1.27	11	Talihina	59.5	84	19	28	9	189	23	5.15	1.83	11
Cloudy	59.5	83	18	29	9	187	21	5.18	2.02	11	Wilburton	59.7	84	18	30	9	183	24	5.48	1.50	11
Hugo	61.0	84	18	33	9	156	34	4.94	2.26	11	Wister	58.5	84	18	27	9	215	18	3.30	1.84	11



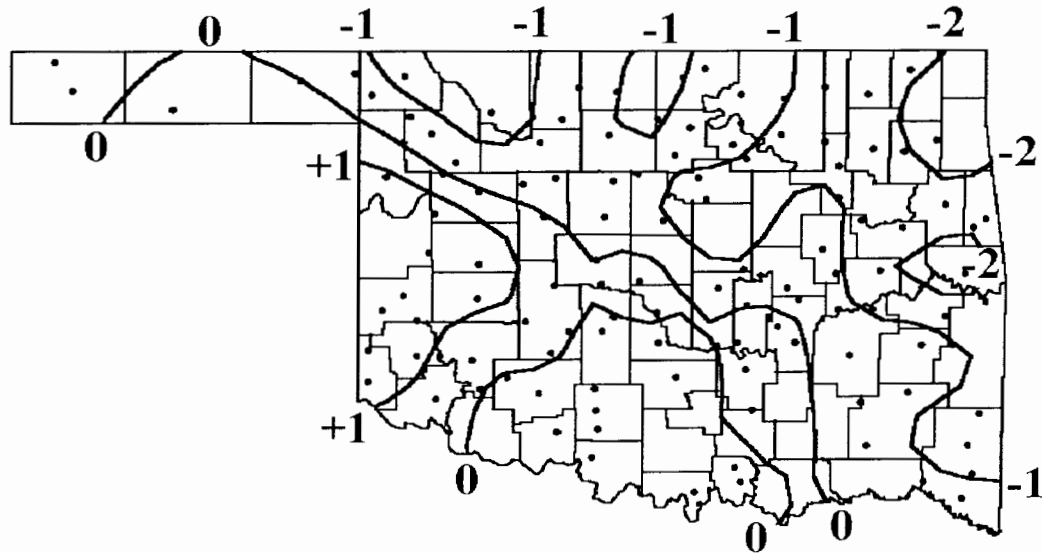
APRIL 2000 AVERAGE MONTHLY TEMPERATURE (F)



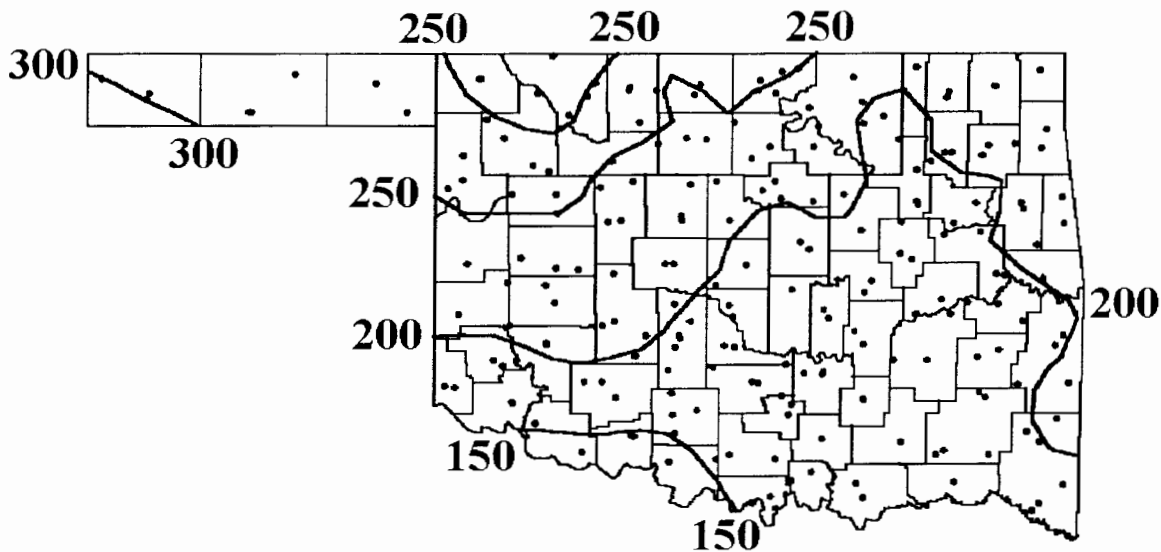
APRIL 2000 DEPARTURE FROM NORMAL TEMPERATURE (F)



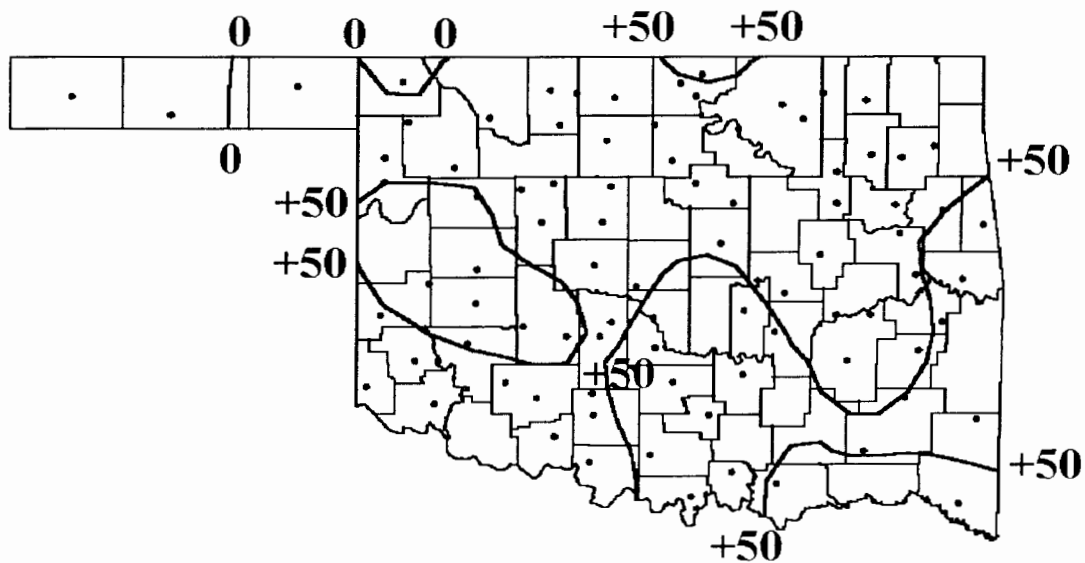
APRIL 2000 TOTAL PRECIPITATION (INCHES)



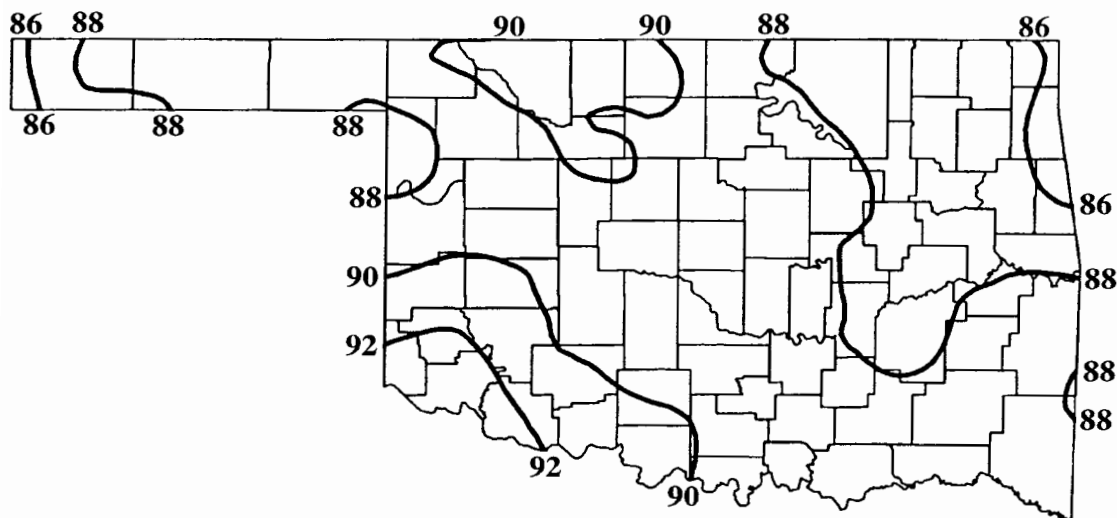
APRIL 2000 DEPARTURE FROM NORMAL PRECIPITATION (INCHES)



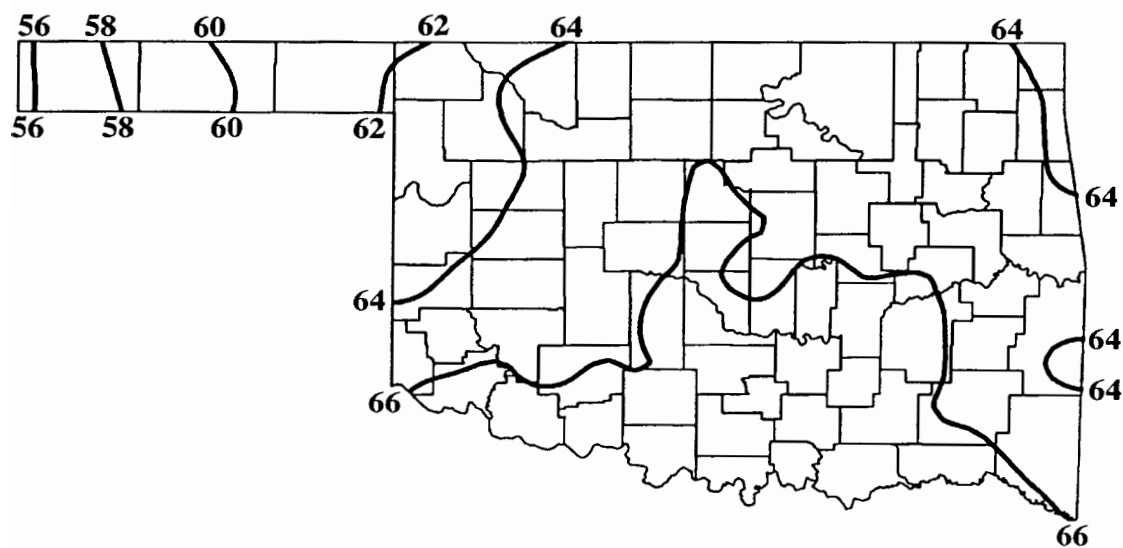
APRIL 2000 ACCUMULATED HEATING DEGREE DAYS (F)



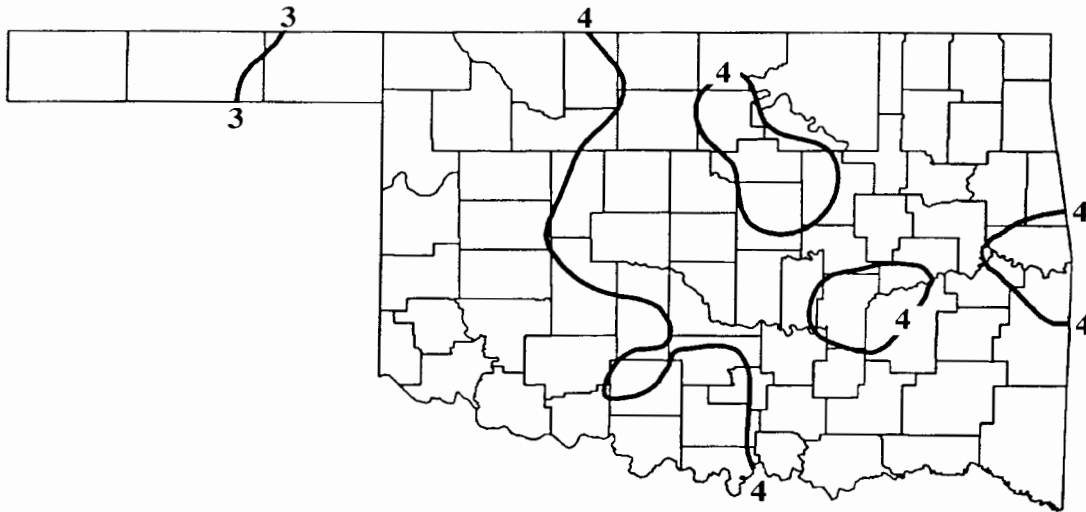
APRIL 2000 DEPARTURE FROM NORMAL HEATING DEGREE DAYS (F)



JUNE NORMAL DAILY MAXIMUM TEMPERATURE (F)



JUNE NORMAL DAILY MINIMUM TEMPERATURE (F)



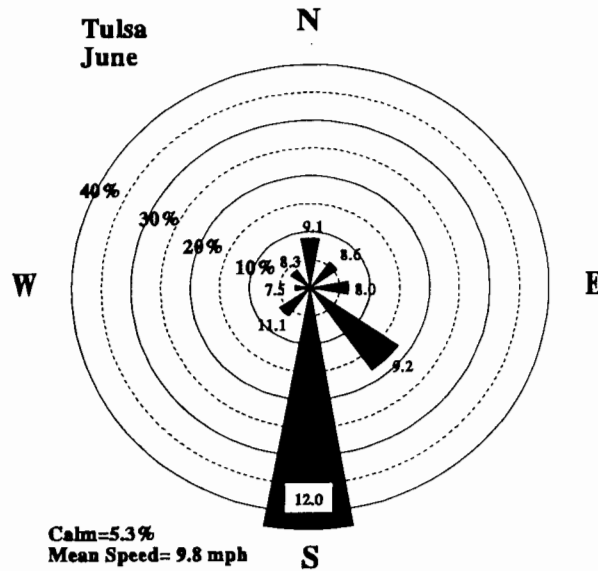
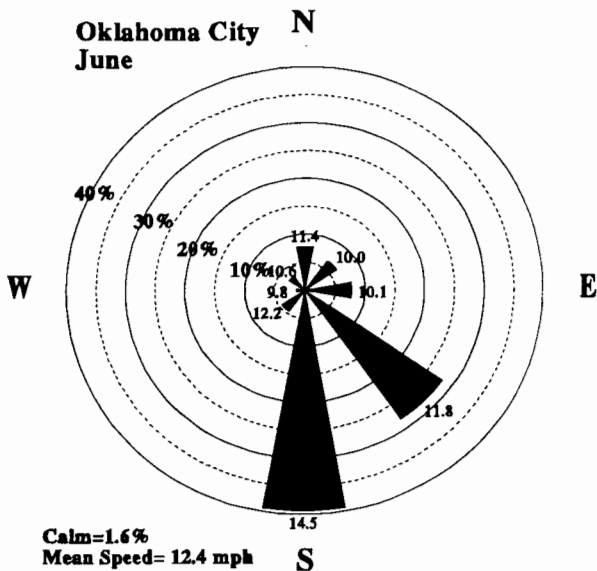
JUNE NORMAL MONTHLY PRECIPITATION (INCHES)

OUTLOOK FOR JUNE 2000 THROUGH AUGUST 2000

BASED ON SEASONAL OUTLOOK PROVIDED BY THE CLIMATE PREDICTION CENTER

TEMPERATURE: NEAR NORMAL TEMPERATURE STATEWIDE

PRECIPITATION: BELOW NORMAL PRECIPITATION STATEWIDE



June 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.

JUNE SUNRISE/SUNSET TIMES FOR 2000

ALL TIMES ARE CENTRAL STANDARD TIME

OKLAHOMA CITY

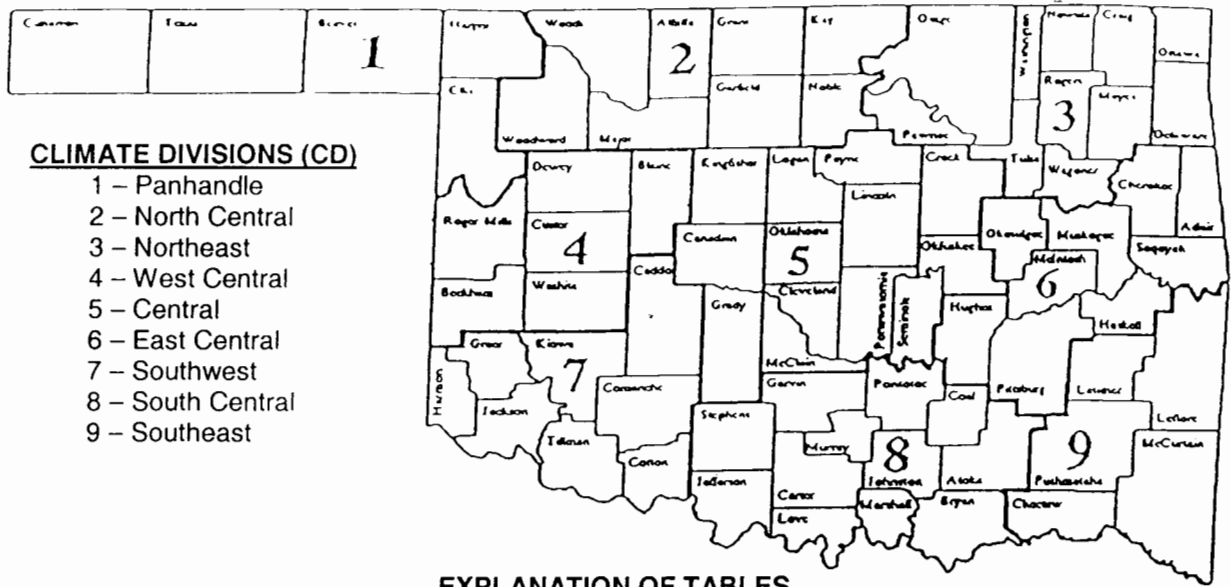
TULSA

<u>DATE</u>	<u>SUNRISE</u>	<u>SUNSET</u>
6/1/00	516	1940
6/2/00	516	1941
6/3/00	515	1942
6/4/00	515	1942
6/5/00	515	1943
6/6/00	515	1943
6/7/00	515	1944
6/8/00	514	1944
6/9/00	514	1945
6/10/00	514	1945
6/11/00	514	1946
6/12/00	514	1946
6/13/00	514	1946
6/14/00	514	1947
6/15/00	514	1947
6/16/00	514	1947
6/17/00	515	1948
6/18/00	515	1948
6/19/00	515	1948
6/20/00	515	1949
6/21/00	515	1949
6/22/00	515	1949
6/23/00	516	1949
6/24/00	516	1949
6/25/00	516	1949
6/26/00	517	1949
6/27/00	517	1949
6/28/00	517	1949
6/29/00	518	1949
6/30/00	518	1949

<u>DATE</u>	<u>SUNRISE</u>	<u>SUNSET</u>
6/1/00	508	1936
6/2/00	508	1936
6/3/00	507	1937
6/4/00	507	1938
6/5/00	507	1938
6/6/00	507	1939
6/7/00	506	1939
6/8/00	506	1940
6/9/00	506	1940
6/10/00	506	1941
6/11/00	506	1941
6/12/00	506	1942
6/13/00	506	1942
6/14/00	506	1942
6/15/00	506	1943
6/16/00	506	1943
6/17/00	506	1943
6/18/00	506	1944
6/19/00	507	1944
6/20/00	507	1944
6/21/00	507	1944
6/22/00	507	1944
6/23/00	508	1945
6/24/00	508	1945
6/25/00	508	1945
6/26/00	508	1945
6/27/00	509	1945
6/28/00	509	1945
6/29/00	510	1945
6/30/00	510	1945

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 June

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

Day	Avg. Temp	High	Record High	Year	Lowest Max	Year	2000	Avg. Low	Highest Min	Year	Record Low	Year	2000	Avg. Ppt.	Greatest Ppt.	Year	2000
1	73	83	99	1998	58	1903		62	75	1943	48	1982		0.17	3.37	1962	
2	73	84	105	1998	56	1919		63	74	1980	46	1917		0.17	1.66	1973	
3	73	84	98	1998	64	1919		63	75	1925	49	1919		0.17	6.75	1932	
4	74	84	95	1913	62	1928		63	75	1911	47	1954		0.17	3.90	1904	
5	74	84	99	1917	66	1892		64	75	1980	48	1919		0.17	1.48	1927	
6	74	85	102	1911	69	1983		64	75	1990	50	1998		0.16	3.01	1941	
7	75	85	100	1911	66	1891		64	78	1980	51	1983		0.16	1.44	1908	
8	75	85	100	1988	64	1913		64	76	1984	52	1915		0.16	2.60	1974	
9	75	85	100	1933	60	1913		65	77	1953	53	1996		0.16	2.56	1995	
10	75	86	99	1934	68	1955		65	76	1953	50	1955		0.16	4.48	1945	
11	76	86	100	1953	68	1898		65	75	1953	51	1955		0.15	1.61	1951	
12	76	86	104	1953	72	1903		65	78	1958	50	1896		0.15	4.74	1944	
13	76	87	101	1924	70	1927		66	78	1958	52	1906		0.15	4.56	1989	
14	77	87	106	1953	63	1927		66	78	1953	51	1947		0.15	3.95	1930	
15	77	87	105	1953	71	1908		66	79	1953	55	1969		0.15	3.01	1930	
16	77	88	106	1911	70	1961		66	77	1953	50	1917		0.14	3.59	1955	
17	77	88	102	1924	69	1963		67	78	1990	53	1912		0.14	1.85	1975	
18	77	88	101	1936	68	1912		67	78	1924	53	1912		0.14	0.93	1957	
19	78	88	101	1953	70	1920		67	80	1953	55	1926		0.14	1.68	1987	
20	78	89	105	1953	73	1905		67	80	1998	51	1976		0.13	2.28	1958	
21	78	89	104	1953	69	1902		68	79	1953	56	1906		0.13	3.28	1948	
22	78	89	107	1936	73	1912		68	79	1998	50	1902		0.13	2.38	1957	
23	79	89	101	1934	68	1921		68	77	1934	58	1958		0.13	2.79	1908	
24	79	90	104	1911	74	1909		68	78	1953	54	1957		0.13	2.06	1948	
25	79	90	105	1980	68	1967		68	82	1911	51	1974		0.12	2.29	1960	
26	79	90	104	1918	69	1904		68	81	1933	50	1958		0.12	1.70	1985	
27	79	90	103	1994	75	1904		69	79	1947	52	1974		0.12	2.19	1907	
28	80	90	105	1980	78	1923		69	78	1986	56	1974		0.12	3.10	1988	
29	80	91	103	1925	76	1908		69	78	1998	54	1923		0.11	2.00	1987	
30	80	91	102	1925	73	1923		69	80	1980	58	1923		0.11	2.33	1981	
MONTH	76.7	87.3	107	1936	56	1919		66.1	82	1911	46	1917		4.31	6.75	1932	

*The most tornadoes reported in JUNE for Oklahoma was (28) in 1995.

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

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	74	84	98	1934	69	1992		64	77	1980	51	1982		0.18	2.83	1962	
2	74	84	102	1911	59	1946		64	76	1980	49	1907		0.17	2.14	1973	
3	75	84	101	1911	58	1970		65	77	1925	52	1946		0.17	2.29	1926	
4	75	85	102	1911	66	1928		65	75	1999	49	1954		0.17	2.87	1985	
5	75	85	102	1911	70	1998		65	78	1980	49	1919		0.17	3.11	1952	
6	75	85	106	1911	73	1998		65	76	1980	50	1998		0.17	2.65	1974	
7	76	86	100	1911	69	1935		66	79	1980	51	1935		0.16	5.80	1919	
8	76	86	104	1911	67	1913		66	79	1984	52	1915		0.16	4.90	1974	
9	76	86	105	1911	60	1913		66	79	1981	56	1996		0.16	4.88	1941	
10	76	86	108	1911	70	1955		66	80	1911	54	1955		0.16	2.10	1904	
11	77	87	100	1924	69	1940		67	80	1911	51	1955		0.16	2.09	1945	
12	77	87	99	1953	73	1985		67	77	1958	50	1913		0.15	1.63	1944	
13	77	87	101	1924	69	1947		67	80	1958	52	1985		0.15	0.94	1927	
14	77	87	107	1911	69	1927		67	78	1991	51	1942		0.15	2.58	1961	
15	78	88	102	1924	71	1961		68	78	1911	52	1933		0.15	2.66	1981	
16	78	88	106	1911	73	1999		68	78	1953	50	1917		0.15	1.26	1943	
17	78	88	102	1925	72	1980		68	79	1932	52	1960		0.15	3.97	1980	
18	78	88	104	1918	70	1912		68	80	1953	54	1912		0.14	1.50	1978	
19	79	89	106	1918	71	1920		69	80	1953	51	1912		0.14	2.00	1905	
20	79	89	107	1918	77	1961		69	82	1998	53	1976		0.14	1.45	1978	
21	79	89	107	1936	73	1992		69	80	1934	54	1961		0.14	4.37	1948	
22	79	89	106	1936	75	1912		69	78	1936	56	1935		0.14	1.67	1985	
23	80	90	103	1934	69	1948		70	81	1925	57	1920		0.13	2.79	1995	
24	80	90	104	1933	72	1921		70	80	1980	55	1974		0.13	5.30	1921	
25	80	90	105	1933	70	1967		70	80	1980	52	1974		0.13	1.98	1967	
26	80	90	105	1918	74	1938		70	80	1998	53	1974		0.13	2.77	1948	
27	80	91	102	1980	77	1928		70	80	1980	53	1968		0.13	2.57	1904	
28	81	91	106	1925	81	1948		71	80	1980	58	1985		0.12	2.75	1977	
29	81	91	105	1925	78	1995		71	80	1980	57	1923		0.12	1.99	1995	
30	81	91	107	1925	76	1951		71	80	1980	57	1943		0.12	2.90	1942	
MONTH	77.7	87.7	108	1911	58	1970		67.7	82	1998	49	1954		0.15	5.80	1919	

* The average number of tornadoes reported in **JUNE** for Oklahoma is (9).