

# OKLAHOMA MONTHLY SUMMARY MAY 1997

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## MONTHLY SUMMARY FOR MAY 1997

Both temperature and precipitation were below normal across most of Oklahoma during May, according to preliminary data. The statewide averaged-temperature for the month, 65.9 degrees, was 2.8 degrees below normal, ranking this as the 12th coolest May since 1895. Monthly precipitation averaged 3.72 inches, .1.40 inches less than normal, ranking as the 36th lowest May value in 103 years. Only west central Oklahoma received greater than normal precipitation for the month. Overall, the spring months of 1997 were cool with slightly less-than-normal precipitation. The seasonal temperature was 58.0 degrees, 2.0 degrees lower than normal, the 19th coolest spring on record. Precipitation for the season averaged 10.37 inches, 0.39 inch less than normal, to rank as the state's 52nd driest spring. The average temperature for the year to date, 51.0 degrees is 0.8 degree lower than normal, ranking as the 34th lowest similar period on record. Total precipitation through the first 5 months of 1997 is 1.26 inches greater than normal. The statewide averaged total of 15.01 inches is the state's 35th greatest May precipitation on record.

Western Oklahoma experienced heavy thunderstorms on the 1st with large hail reported in Harmon, Roger Mills, Greer, and Kiowa counties and Weatherford and Clinton (both in Custer County) reporting 2.00 and 2.15 inches of rain, respectively. Somewhat more numerous and heavier thunderstorms from the 6th through the 8th brought rain to most areas of the state, accompanied by numerous reports of large hail and strong winds, several tornadoes, and several areas of local flooding. Small tornadoes were reported on the evening of the 7th in Grant, Kay, and Osage (4 separate locations) counties. Mesonet sites at Weatherford (Custer) and Erick (Beckham) recorded winds as high as 81 and 79 miles per hour, respectively. High water was reported in Grant, Kay, Noble, Osage, Pawnee, and Tulsa counties. Blackwell (Kay) and the Red Rock (Noble) Mesonet site each reported over 2.50 inches of rain falling on the 7th.

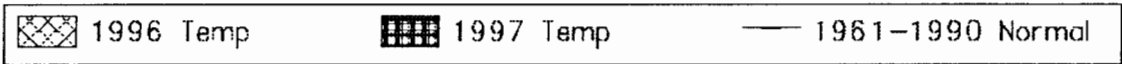
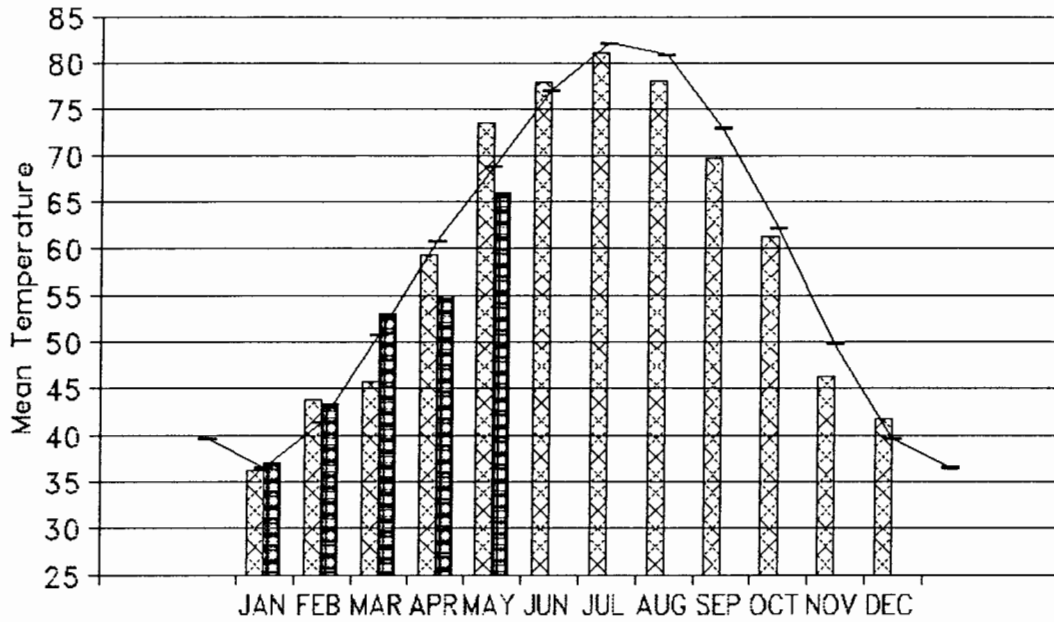
There were isolated storm events over the next two weeks, including widely dispersed nearly 2-inch rainfalls at Mesonet stations near Cheyenne (Roger Mills) and Antlers (Pushmataha) on the 16th and substantial rains across southern and western Oklahoma on the 19th. Mesonet stations near Grandfield (Tillman) and Cheyenne recorded 3.36 and 3.14 inches of rain, respectively, on the 19th.

A very strong storm system moved through the state, beginning on the 24th in western Oklahoma and ending early on the morning of the 27th in McCurtain county, producing about 20 small tornadoes, large hail, and damaging winds, mainly in central and eastern Oklahoma. Tornadoes were reported in Seminole, Tulsa, McIntosh, Okmulgee, Hughes, Pittsburg, Marshall, Johnston, Creek, Okfuskee, and McCurtain counties. Local flooding was reported in many areas of eastern Oklahoma. The Antlers Mesonet site reported a 2-day total of 5.06 inches of rain and the site at Lane recorded 4.16 inches on the 24th and 25th. Wann (Nowata) reported that 3.10 inches of rain fell on the evening of the 26th.

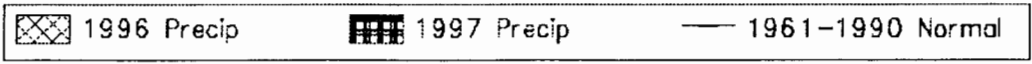
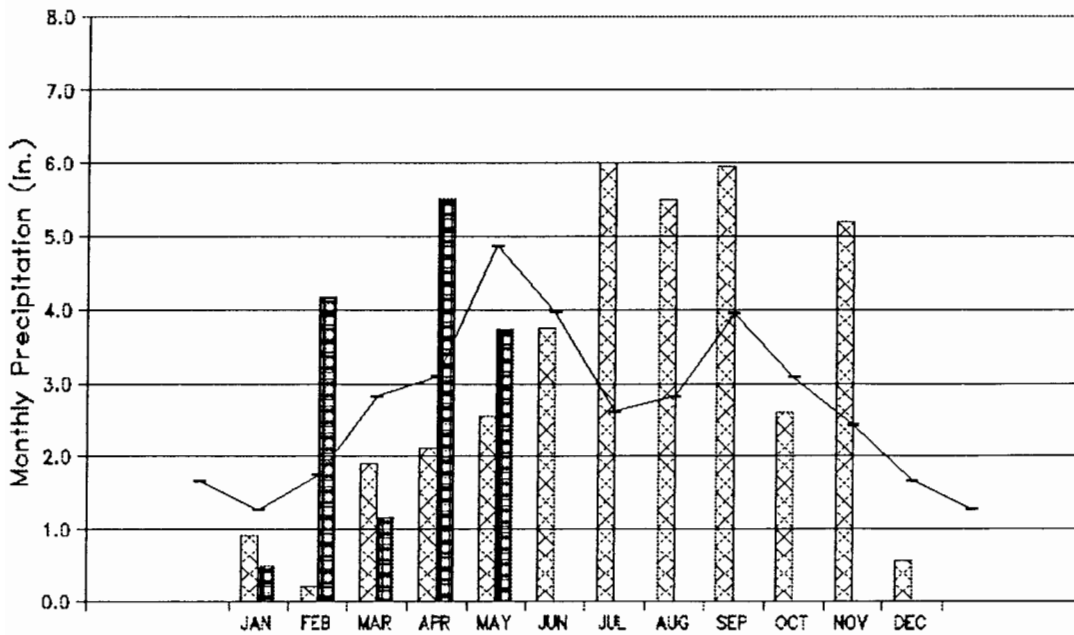
Locally heavy rains returned to many areas near the end of the month. Ketchum Ranch in Stephens County reported 4 inches of rain on the 30th. The Ninnekah (Grady) Mesonet site reported 3.04 inches and reports of over 2.50 inches were received from Comanche (Stephens) and from Mesonet sites at Chickasha (Grady), Copan (Washington), and Nowata (Nowata).

Howard L. Johnson

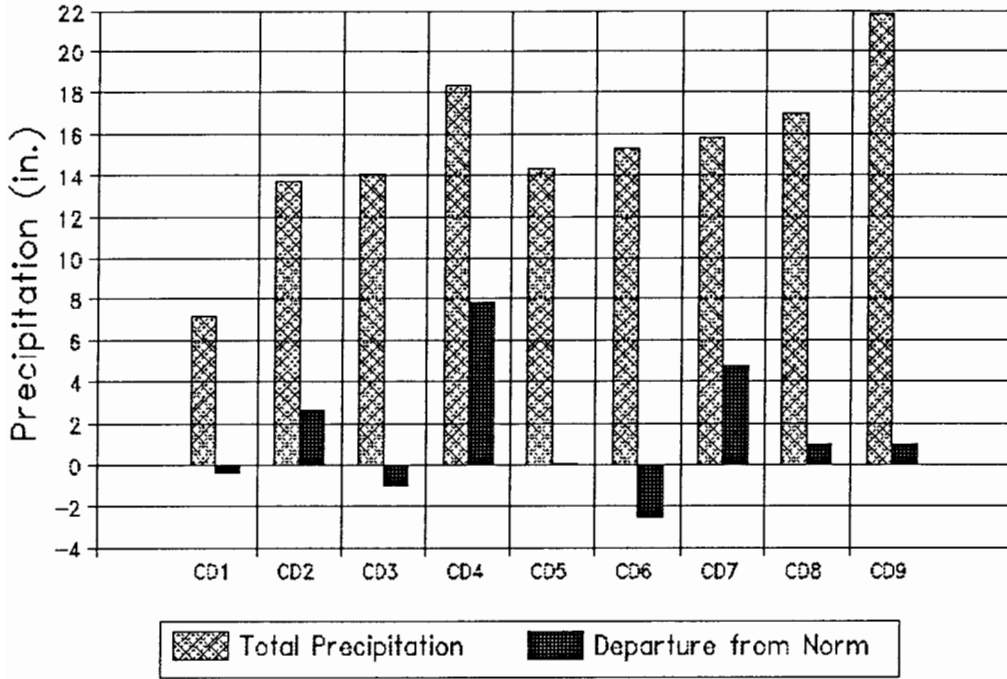
### 1996 and 1997 STATEWIDE TEMPERATURES Monthly Averages



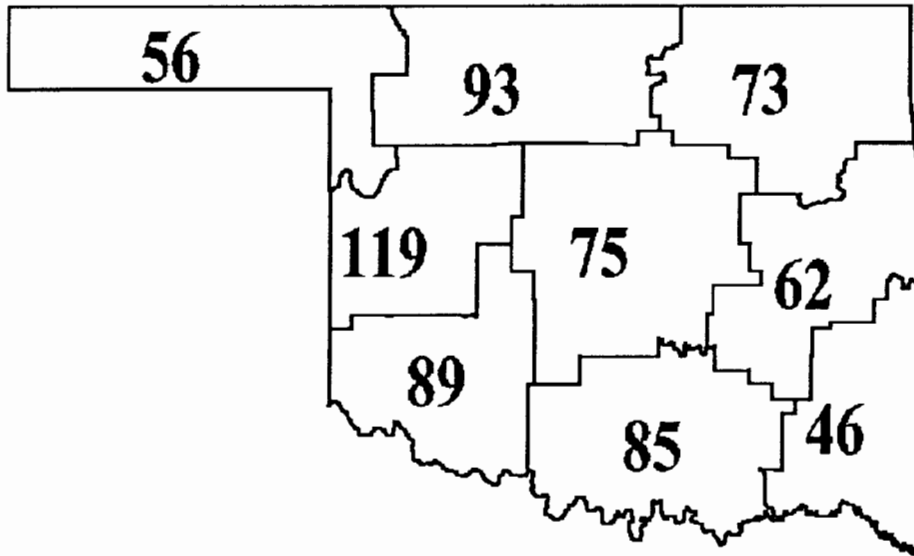
### 1996 and 1997 STATEWIDE PRECIPITATION Monthly Totals



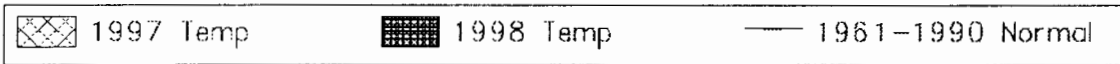
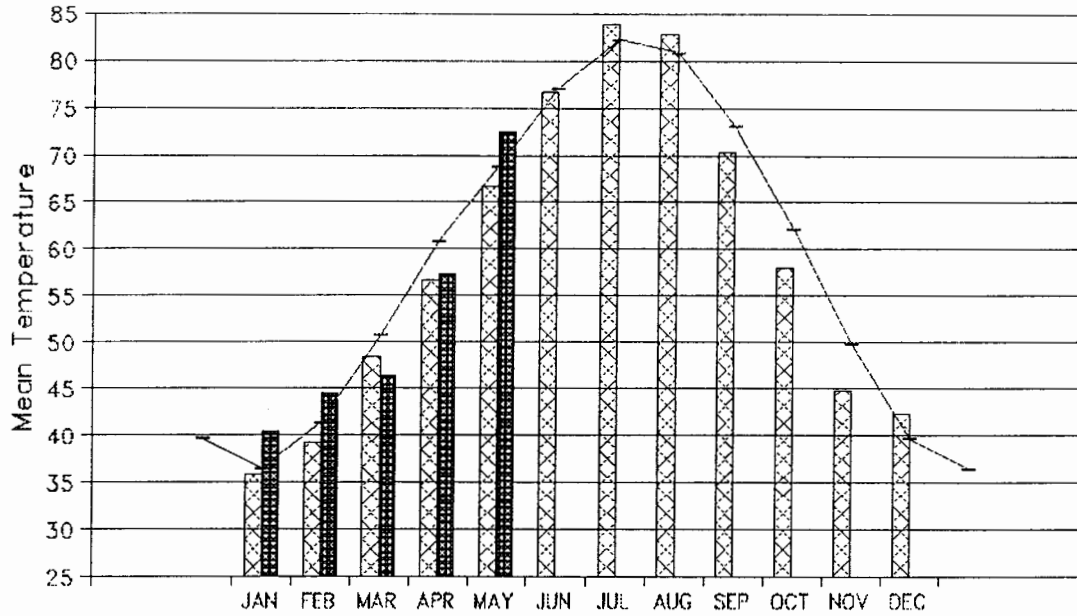
### CD Averaged Precipitation January through May 1997



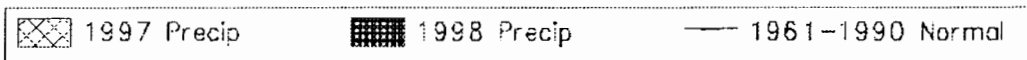
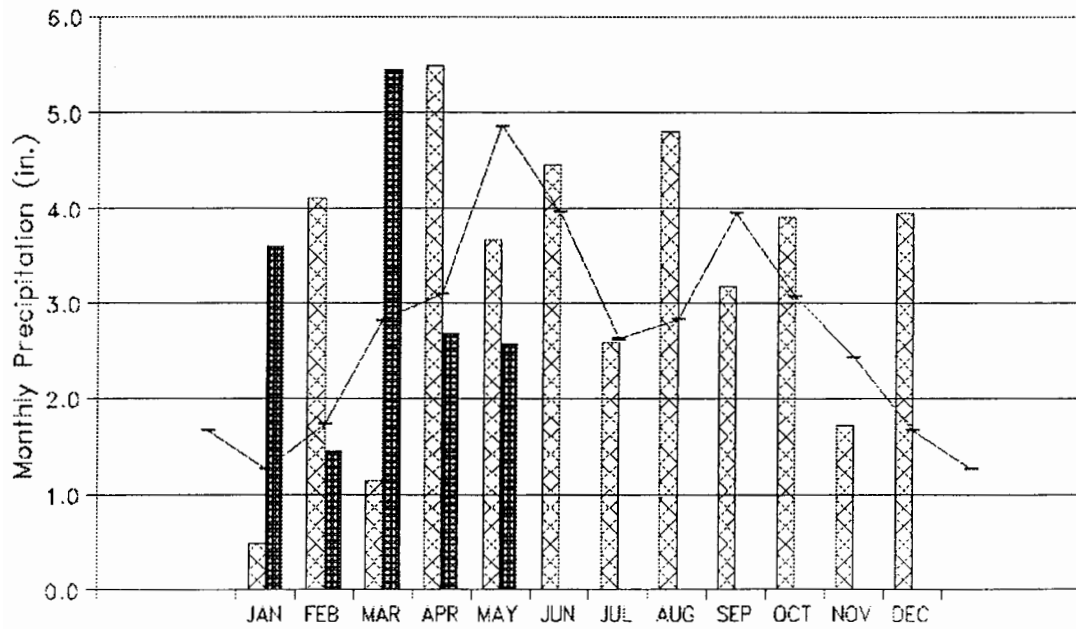
### CD PERCENT OF NORMAL PRECIPITATION MAY 1997



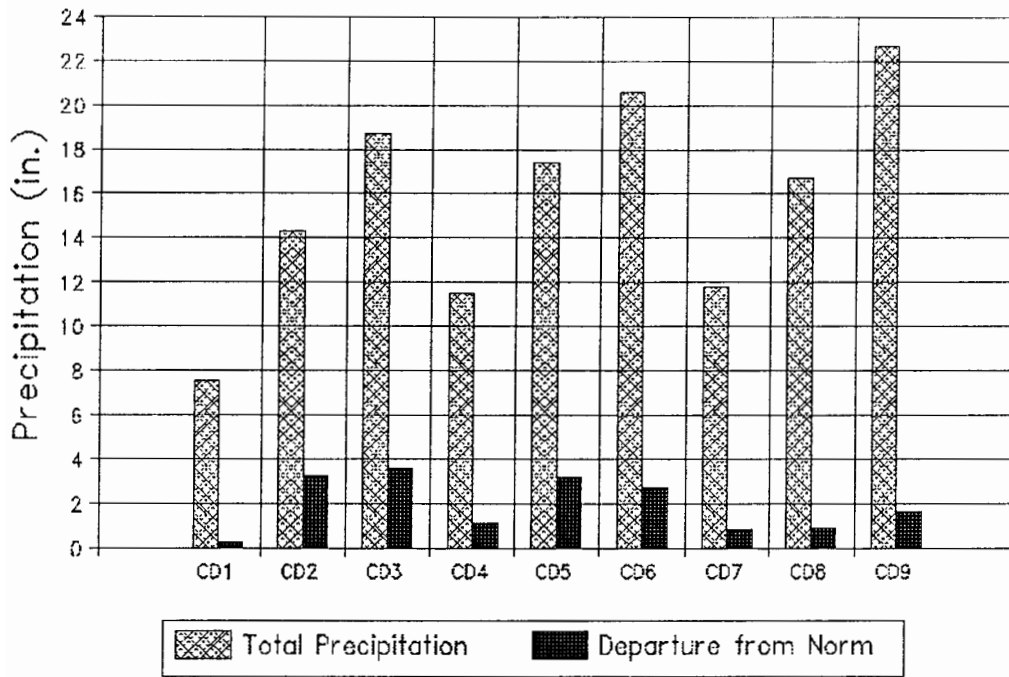
### 1997 and 1998 STATEWIDE TEMPERATURES Monthly Averages



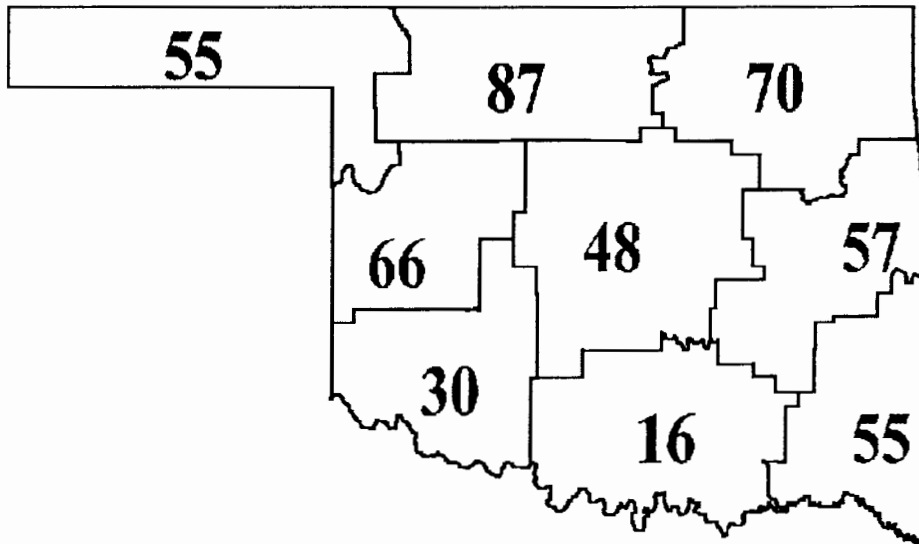
### 1997 and 1998 STATEWIDE PRECIPITATION Monthly Totals



### CD Averaged Precipitation January through May 1998



### CD PERCENT OF NORMAL PRECIPITATION MAY 1998



EXTREME VALUES OF TEMPERATURE AND PRECIPITATION IN EACH CLIMATE DIVISION  
MAY, 1997

CD	MAX TEMP	DATE	LOCATION	MIN TEMP	DATE	LOCATION	24-HOUR PRECIP	DATE	LOCATION	MONTHLY PRECIP	LOCATION
1	98	17	BUFFALO	30	3	BOISE CITY	1.65	30	FARGO	5.30	FARGO
2	97	18	FREEDOM	33	10	FREEDOM	2.51	8	BLACKWELL	6.76	HARDY
3	92	17	BARTLESVILLE	36	1	BARNSDALL	3.10	27	WANN	7.90	WANN
4	95	28	ELK CITY	37	10	HAMMON	2.58	25	THOMAS	9.17	THOMAS
				37	11	HAMMON					
				37	10	TALOGA					
5	94	20	HENNESSEY	37	10	GUTHRIE	2.40	30	COX CITY	8.21	PURCELL
				37	23	PURCELL					
6	91	25	MCCURTAIN	35	10	STILWELL	2.70	27	HASKELL	5.50	STILWELL
	91	26	MCCURTAIN								
7	94	25	ALTUS	38	10	ANADARKO	2.37	18	CARNEGIE	6.51	FREDERICK
	94	25	CARNEGIE								
8	95	26	WAURIKA	38	10	CHICKASAW	4.00	30	KETCHUM RAN	7.61	KETCHUM RAN
				38	3	PAULS VALLEY					
9	96	26	POTEAU	31	13	PAGE	1.98	27	TUSKAHOMA	4.84	BOSWELL

TABLE OF 1996/1997 COMPARISONS

Station	MAY Temperature (°F)		MAY Precipitation (in.)	
	1996	1997	1996	1997
Arnett	70.0	62.0	6.61	4.73
Mutual	71.7	62.7	3.50	4.74
Tulsa	72.2	66.9	2.14	1.66
Elk City	74.8	65.5	2.27	3.80
Oklahoma City	73.7	66.7	1.90	3.68
McAlester	74.4	68.1	3.81	1.06
Altus Irr Station	79.3	68.4	1.40	3.76
Ardmore	74.1	70.0	0.38	7.19
Idabel	72.5	66.4	7.31	3.91

EXTREMES

VARIABLE	STATION	DIVISION	OBSERVATION	DATE
Minimum temperature (°F)	Boise City	1	30	3
Maximum temperature (°F)	Buffalo	1	98	17
Maximum 24-hour precipitation	Ketchum Ranch	8	4.00"	30

MAY 1997 SUMMARY FOR PANHANDLE DIVISION (CD1)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ARNETT	332	1	62.0	31	-3.7	90	18	36	3	132	46	38	-70	4.730	31	0.60	1.47	2
BEAVER	593	1	62.8	31	-2.1	94	19	34	5	130	32	61	-35	0.760	31	-2.28	0.38	2
BOISE CITY	908	1	62.2	30	-1.1	90	17	30	3	110	-10	25	-44	0.843	31	-1.74	0.25	6
BUFFALO	1243	1	66.5	31	-1.7	98	17	36	3	66	9	113	-43	0.700	31	-3.66	0.25	25
FARGO	3070	1	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	5.300	31	1.61	1.65	30
GAGE	3407	1	64.0	23 *	****	94	17	37	10	71	*****	48	*****	2.621	26	*****	1.30	29
GATE	3489	1	63.5	31	-2.8	94	19	35	3	104	17	59	-68	1.061	31	-1.97	0.56	25
GOODWELL	3628	1	63.1	31	-0.1	92	18	33	4	102	-24	42	-29	1.540	31	-1.57	0.65	29
HOOKER	4298	1	62.3	31	-2.8	96	19	31	3	124	30	40	-57	1.724	31	-1.24	0.87	25
KENTON	4766	1	62.5	31	0.2	89	17	32	3	108	-17	30	-11	0.253	31	-2.24	0.11	6
LAVERNE	5045	1	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.542	31	-0.75	0.79	7
REGNIER	7534	1	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.109	31	-2.14	0.10	7
TURPIN	9017	1	61.1	27 *	****	94	19	32	5	126	*****	21	*****	1.801	28	*****	0.55	27

MAY 1997 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ALVA	193	2	66.9	31 *	****	96	17	40	10	49	*****	108	*****	2.740	31	*****	0.80	2
VANCE AFB	302	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.342	30	*****	1.12	2
BILLINGS	755	2	63.4	29 *	****	90	18	38	10	95	*****	48	*****	2.583	30	*****	1.10	2
BLACKWELL 2E	818	2	66.1	28 *	****	90	17	44	3	38	*****	67	*****	4.551	31	-0.19	2.51	8
BRAMAN	1075	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.860	31	*****	1.42	8
CEDARDALE	1620	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.342	31	*****	1.05	30
CHEROKEE	1724	2	66.8	30	-2.2	95	17	38	11	51	15	104	-57	2.120	31	-1.77	1.50	2
ENID	2912	2	67.0	31	-2.1	92	17	41	3	44	14	105	-52	2.870	31	-1.93	1.01	2
FT SUPPLY	3304	2	63.6	31	-2.3	93	18	36	3	105	30	61	-43	6.462	31	2.77	1.64	30
FREEDOM	3358	2	62.7	31	-6	97	18	33	10	125	85	53	-103	3.470	31	-0.01	0.90	2
GREAT SALT P	3740	2	66.0	31	-1.8	96	18	41	10	60	3	90	-54	2.730	31	-1.12	1.37	2
HARDY	3909	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	6.760	31	*****	2.30	30
HELENA	4019	2	64.7	31	-1.8	92	18	38	10	80	2	72	-54	2.321	31	-1.70	1.26	2
JEFFERSON	4573	2	66.2	31	-2.5	94	17	39	3	50	8	88	-70	3.421	31	-1.10	1.06	1
LAMONT	5013	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.280	31	*****	2.22	8
MEDFORD	5768	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.541	31	*****	2.01	7
MORRISON	6065	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	5.250	31	*****	2.07	6
MUTUAL	6139	2	62.7	31	-3.3	92	18	38	11	119	38	46	-66	4.740	31	0.72	1.20	2
NEWKIRK	6278	2	64.8	31	-3.3	90	17	38	10	78	28	72	-74	3.162	31	-1.73	1.13	19
ORIENTA	6751	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.650	31	-1.13	1.20	2
PERRY	7012	2	69.0	26 *	****	92	20	43	10	12	*****	117	*****	4.260	31	-1.01	1.82	8
PONCA CITY	7201	2	68.6	31	0.8	95	17	44	3	29	-40	141	-15	4.616	31	0.06	1.84	7
RED ROCK	7505	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.960	31	-0.65	2.42	8
WAYNOKA	9404	2	64.8	26 *	****	95	20	38	8	66	*****	61	*****	3.130	27	*****	0.92	23
WOODWARD	9760	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.121	31	-0.84	1.20	30



MAY 1997 SUMMARY FOR NORTHEAST DIVISION (CD3)

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 TEMP	DAY	MIN TEMP	DAY							FROM NORM	MAX 24-HR	DAY
BARNSDALL	535	3	65.8	28 *	****	91	12	36	1	57	*****	79	*****	2.350	30	****	0.75	2
BARTLESVILLE	548	3	66.5	31	-2.2	92	17	37	1	51	16	96	-53	3.651	31	-0.75	1.06	30
BIXBY	782	3	65.6	30	-2	91	18	41	11	71	21	88	-44	2.830	30	****	1.60	27
BURBANK	1256	3	****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.383	31	-2.35	0.93	8
CHELSEA	1717	3	****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.870	31	****	1.07	8
CLAREMORE	1828	3	63.5	30	-3.5	89	18	39	10	103	36	59	-70	2.910	30	****	0.80	2
CLEVELAND 2	1902	3	66.2	27 *	****	90	17	43	1	36	*****	69	*****	3.740	31	****	1.54	8
FORAKER	3250	3	****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.284	31	-1.82	1.95	30
HOLLOW	4258	3	****	0 *	****	****	0	****	0	*****	*****	*****	*****	5.822	31	0.80	2.00	30
HOMINY	4289	3	****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.464	31	-2.09	1.02	2
KANSAS	4672	3	64.0	25 *	****	84	17	39	1	60	*****	36	*****	2.632	26	****	0.80	30
LENAPAH	5118	3	****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.740	31	****	2.00	30
MANNFORD	5522	3	67.5	29 *	****	91	17	39	11	37	*****	110	*****	3.160	29	****	1.55	8
MARAMEC	5540	3	****	0 *	****	****	0	****	0	*****	*****	*****	*****	1.640	31	-3.15	1.18	2
MIAMI	5855	3	61.1	23 *	****	81	6	38	2	97	*****	6	*****	6.290	27	****	1.70	27
NOWATA	6485	3	64.6	31	-3.5	89	27	41	1	71	22	60	-86	3.962	31	-0.52	2.13	30
OOLOGAH	6729	3	62.6	16 *	****	90	19	39	12	54	*****	15	*****	1.893	19	****	0.63	8
PAWHUSKA	6935	3	66.0	31	-2	90	17	38	1	63	17	94	-46	2.743	31	-2.10	1.21	8
PAWNEE	6940	3	****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.900	31	0.00	2.38	8
PRYOR	7309	3	64.2	31	-2.8	89	27	40	10	87	19	63	-67	2.342	31	-2.33	0.61	8
RALSTON	7390	3	65.8	31	-3	91	17	39	10	56	16	79	-79	3.344	31	-1.42	1.80	8
SKIATOOK	8258	3	****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.340	31	-2.35	0.75	27
SPAVINAW	8380	3	67.2	31	-1.5	89	26	41	4	38	-4	107	-50	2.354	31	-2.42	1.20	8
TULSA	8992	3	66.9	31	-2.4	90	26	42	1	43	2	101	-74	1.664	31	-3.94	0.50	8
UPPER SPAV	9101	3	66.6	30 *	****	91	18	37	1	50	*****	99	*****	1.982	31	****	0.90	8
VINITA	9203	3	63.8	31	-3.2	86	26	37	1	93	24	54	-77	5.651	31	0.54	1.78	8
WAGONER	9247	3	67.5	31	-1.5	89	27	41	10	32	-3	108	-50	3.083	31	-1.87	0.82	20
WANN	9298	3	****	0 *	****	****	0	****	0	*****	*****	*****	*****	7.901	31	****	3.10	27
WYNONA	9792	3	****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.393	31	****	0.80	8

MAY 1997 SUMMARY FOR WEST CENTRAL DIVISION (CD4)

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 TEMP	DAY	MIN TEMP	DAY							FROM NORM	MAX 24-HR	DAY
CANTON DAM	1445	4	63.7	29 *	****	89	18	40	10	81	*****	43	*****	5.561	31	1.22	1.62	2
CLINTON	1909	4	66.3	31	-3.2	90	17	40	3	50	20	89	-81	6.351	31	1.42	2.15	2
COLONY	2039	4	****	0 *	****	****	0	****	0	*****	*****	*****	*****	5.850	31	****	1.77	19
CORDELL	2125	4	****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.932	31	-0.76	0.97	19
ELK CITY	2849	4	65.5	31	-3.1	95	28	39	3	64	37	79	-61	3.801	31	-0.77	1.09	2
GEARY	3497	4	69.1	30	0.8	92	17	48	10	10	-29	133	-8	5.190	30	****	1.46	30
HAMMON	3871	4	62.7	31	-4.2	89	18	37	11	116	54	46	-76	5.300	31	1.06	1.55	2
LEEDEY	5090	4	****	0 *	****	****	0	****	0	*****	*****	*****	*****	7.250	31	2.83	1.87	24
MACKIE	5463	4	****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.960	31	****	1.29	24
MORAVIA	6035	4	****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.590	31	-1.08	1.05	24
OKEENE	6629	4	66.4	29 *	****	93	17	40	10	51	*****	91	*****	4.512	30	****	1.60	2
RETROP	7565	4	****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.240	31	****	1.30	30
SAYRE	7952	4	****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.121	31	-1.21	0.99	24
SWEETWATER	8652	4	****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.630	31	****	1.05	24
TALOGA	8708	4	64.9	31	-2.7	91	17	37	10	64	13	61	-72	4.261	31	-0.48	1.49	2
THOMAS	8815	4	****	0 *	****	****	0	****	0	*****	*****	*****	*****	9.170	31	****	2.58	25
VICI	9172	4	****	0 *	****	****	0	****	0	*****	*****	*****	*****	8.943	31	4.53	1.98	31
WATONGA	9364	4	66.5	31	-1.9	91	17	41	3	44	8	89	-53	5.332	31	0.71	1.59	2
WEATHERFORD	9422	4	65.5	28 *	****	89	25	42	3	50	*****	63	*****	8.820	29	****	2.10	29

MAY 1997 SUMMARY FOR CENTRAL DIVISION (CD5)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
AMBER	200	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	4.420	31	*****	0.95	19
ARCADIA	288	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	1.790	31	****	0.68	26
BLANCHARD	830	5	68.0	31	-1.6	91	26	44	10	27	6	121	-44	5.031	31	0.08	1.52	26
BRISTOW	1144	5	67.4	31	-1.8	90	26	39	10	34	7	108	-49	1.923	31	-3.59	0.70	2
CHANDLER	1684	5	67.3	26*	****	91	26	41	12	39	*****	100	*****	2.400	29	*****	1.67	2
CHICKASHA	1750	5	68.7	31	-1.7	92	26	41	10	31	18	145	-37	6.080	31	1.40	1.60	30
COX CITY	2196	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	6.810	31	****	2.40	30
CRESCENT	2242	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.370	31	****	1.67	2
CUSHING	2318	5	67.1	29*	****	91	18	45	10	49	*****	110	*****	0.502	29	****	0.25	8
EDMOND	2788	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.240	31	****	1.25	1
EL RENO	2818	5	68.9	31	0.2	89	17	45	10	20	-7	141	0	5.110	31	-0.30	1.82	19
GUTHRIE	3821	5	65.8	31	-3.9	91	17	37	10	57	29	83	-91	2.072	31	-2.90	0.93	2
HENNESSEY	4055	5	65.6	19*	****	94	20	42	13	39	*****	49	*****	2.880	29	****	1.50	2
INGALLS	4489	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	2.932	31	****	1.35	2
KINGFISHER	4861	5	66.1	30	-3.3	93	17	41	12	51	21	85	-83	4.170	30	****	1.00	2
KONAWA	4915	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	5.010	31	-0.69	0.97	25
MARSHALL	5589	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.370	31	-1.51	1.67	2
MEEKER	5779	5	67.3	30	-1.7	89	26	39	10	39	10	108	-46	2.780	30	****	0.96	1
MULHALL	6110	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	2.860	31	****	1.43	2
NORMAN NWS	6386	5	66.3	31	-3.4	89	26	43	10	50	35	89	-73	5.601	31	0.44	2.08	25
OILTON	6616	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	2.842	31	****	1.22	7
OKEMAH	6638	5	71.0	23*	****	92	26	49	1	2	*****	141	*****	2.850	26	****	1.43	20
OKLAHOMA CTY	6661	5	66.7	31	-1.7	89	17	43	1	46	15	100	-37	3.683	31	-1.54	1.17	25
PERKINS	7003	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	2.250	31	-3.24	1.25	2
PIEDMONT	7068	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.550	31	****	0.97	4
PRAGUE	7264	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	2.021	31	-3.27	0.50	19
PURCELL	7327	5	64.3	31	-5.7	91	27	37	23	66	52	45	-124	8.210	31	2.64	2.02	21
SEMINOLE	8042	5	66.3	31	-4.3	93	26	42	9	51	36	91	-98	2.752	31	-2.48	1.41	19
SHAWNEE	8110	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.472	31	-2.20	1.26	2
STELLA	8479	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	4.130	31	****	1.25	19
STILLWATER	8501	5	66.1	31	-1.6	91	18	41	10	61	12	96	-37	2.461	31	-2.67	1.45	2
STROUD	8563	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	2.251	31	****	1.05	2
TECUMSEH	8751	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.530	31	****	1.00	2
TROUSDALE	8960	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	6.150	31	****	1.54	26
UNION CITY	9086	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	6.290	31	0.70	2.19	25
WELTY	9479	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	1.883	31	****	0.81	2
WEWOKA	9575	5	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.422	31	-1.79	1.12	2

MAY 1997 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ASHLAND	364	6	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.393	31	****	1.11	20
BEGGS	631	6	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.870	31	****	1.65	20
CALVIN	1391	6	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.680	31	-2.00	1.50	25
CHECOTAH	1711	6	****	0*	****	****	0	****	0	*****	*****	*****	*****	2.213	31	-3.21	0.86	20
CLAYTON	1858	6	****	0*	****	****	0	****	0	*****	*****	*****	*****	2.860	31	****	0.87	27
DEWAR	2485	6	****	0*	****	****	0	****	0	*****	*****	*****	*****	4.305	31	-0.93	1.93	20
DUSTIN	2690	6	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.050	31	****	1.38	20
EUFULA	2993	6	68.0	29*	****	89	26	43	10	21	*****	109	*****	2.961	31	-2.72	1.65	27
HANNA	3884	6	68.5	28*	****	89	26	40	1	33	*****	131	*****	4.222	31	-1.79	1.73	27
HASKELL	3956	6	****	0*	****	****	0	****	0	*****	*****	*****	*****	4.730	31	-0.48	2.70	27
HOLDENVILLE	4235	6	****	0*	****	****	0	****	0	*****	*****	*****	*****	4.020	31	-1.37	1.49	28
LAKE EUFAULA	4975	6	66.3	29*	****	88	27	45	1	38	*****	77	*****	2.510	29	****	0.77	27
LYONS	5437	6	****	0*	****	****	0	****	0	*****	*****	*****	*****	4.281	31	-1.33	1.42	27
MARBLE CITY	5546	6	****	0*	****	****	0	****	0	*****	*****	*****	*****	2.240	31	****	0.72	8
MCALESTER	5664	6	68.1	24*	****	89	26	41	10	26	*****	100	*****	1.063	27	****	0.22	20
MCCURTAIN	5693	6	68.9	31	-0.8	91	26	36	10	36	10	158	-14	1.924	31	-4.12	0.90	26
MUSKOGEE	6130	6	67.8	31	-1.3	88	26	42	4	23	-11	111	-50	4.701	31	-0.42	1.53	19
OKMULGEE	6670	6	64.3	29*	****	90	28	39	10	81	*****	62	*****	3.740	29	****	0.80	9
OKTAHA	6678	6	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.740	31	****	1.08	20
QUINTON	7372	6	****	0*	****	****	0	****	0	*****	*****	*****	*****	2.911	31	-2.98	1.08	26
SALLISAW	7862	6	65.4	31	-4	87	27	41	4	61	34	73	-92	1.980	31	-3.83	0.47	2
SCIPPIO	7979	6	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.490	30	****	0.93	27
SCRAPER	7993	6	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.000	31	****	1.50	3
SHORT	8170	6	****	0*	****	****	0	****	0	*****	*****	*****	*****	2.070	31	****	0.50	26
STILWELL	8506	6	63.7	31	-3.7	84	18	35	10	77	25	37	-89	5.500	31	-0.17	1.89	20
TAHLEQUAH	8677	6	65.3	31	-2.7	85	26	40	13	54	-9	62	-93	3.770	31	-1.61	1.52	27
WEBBERS FALL	9445	6	65.2	30	-3.3	90	27	40	10	69	27	76	-74	2.602	30	****	0.78	2
WESTVILLE	9523	6	****	0*	****	****	0	****	0	*****	*****	*****	*****	4.800	31	****	0.95	20
WETUMKA	9571	6	****	0*	****	****	0	****	0	*****	*****	*****	*****	3.505	31	-1.79	1.45	20

MAY 1997 SUMMARY FOR SOUTHWEST DIVISION (CD7)

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 TEMP	DAY	MIN TEMP	DAY							FROM NORM	MAX 24-HR	DAY
ALTUS	179	7	68.4	31	-3.2	94	25	44	3	23	11	128	-89	3.760	31	-0.47	2.06	9
ALTUS DAM	184	7	66.2	31	-3.9	91	18	44	3	55	34	94	-86	3.380	31	-1.03	1.09	9
ANADARKO	224	7	64.5	31	-5.2	88	27	38	10	84	61	67	-102	5.390	31	0.71	1.63	30
APACHE	260	7	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	5.180	31	0.17	1.45	30
ALTUS AFB	447	7	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.142	30	*****	0.75	8
CARNEGIE	1504	7	67.4	30	-2.4	94	25	43	11	41	24	112	-54	6.333	31	1.21	2.37	18
CHATTANOOGA	1706	7	68.1	30	-2.9	92	26	43	10	32	23	126	-70	5.000	30	*****	1.85	19
DUNCAN 11 W	2668	7	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.483	31	*****	2.03	30
FREDERICK	3353	7	67.4	28 *	****	93	26	45	3	38	*****	106	*****	6.510	28	*****	2.00	9
HEADRICK	3998	7	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.430	30	*****	1.00	9
HOBART	4204	7	65.4	24 *	****	89	17	41	3	46	*****	57	*****	2.992	28	*****	0.92	8
HOLLIS	4249	7	67.1	31	-4.1	92	18	43	3	37	20	101	-109	3.600	31	0.08	1.84	9
LAWTON	5063	7	66.4	29 *	****	92	27	46	10	42	*****	84	*****	4.281	29	*****	1.53	30
FORT SILL	5068	7	68.2	31 *	****	92	26	45	10	33	*****	131	*****	4.212	31	*****	1.56	30
LOOKEBA	5329	7	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	6.263	31	1.45	1.41	2
MANGUM	5509	7	67.9	31	-3.5	92	25	41	3	28	14	118	-96	3.460	31	-0.79	0.95	24
RANDLETT	7403	7	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.333	31	*****	0.55	30
ROOSEVELT	7727	7	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.510	31	-1.34	0.77	7
SEDAN	8016	7	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.523	31	*****	1.05	30
SNYDER	8299	7	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	1.872	28	*****	0.80	9
VINSON	9212	7	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.250	31	-0.72	0.63	8
WALTERS	9278	7	68.4	31	-3.1	93	26	42	4	33	24	137	-74	3.910	31	-1.21	0.86	21
WICHITA MT	9629	7	65.3	29 *	****	89	27	40	12	63	*****	71	*****	5.350	29	*****	2.30	19
WILLOW	9668	7	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.241	31	*****	0.72	24

MAY 1997 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

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 TEMP	DAY	MIN TEMP	DAY							FROM NORM	MAX 24-HR	DAY
ADA	17	8	66.9	31	-2.7	90	26	41	10	37	17	96	-68	4.491	31	-1.13	1.13	25
ALLEN	147	8	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.670	31	*****	0.85	26
ARDMORE	292	8	70.0	31	-2	94	26	49	5	12	7	166	-56	7.190	30	*****	2.37	30
ATOKA DAM	394	8	65.6	20 *	****	90	27	41	5	41	*****	53	*****	2.740	21	*****	1.00	16
BOKCHITO	917	8	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	1.701	31	*****	1.25	24
CANEY	1437	8	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.560	31	*****	0.92	9
CENTRAHOMA	1648	8	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.550	31	*****	1.60	26
CHICKASAW	1745	8	66.3	31	-2.7	90	27	38	10	59	41	99	-43	4.942	31	-0.81	1.48	20
COLEMAN	2011	8	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	1.670	31	*****	0.77	9
COMANCHE	2054	8	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	5.900	31	0.89	2.78	30
DAISY	2354	8	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.563	31	-4.35	1.42	20
DUNCAN	2660	8	67.3	30	-2.7	92	27	44	10	39	24	109	-62	5.220	30	*****	1.53	30
DURANT	2678	8	67.5	30	-2.2	93	27	45	13	33	13	109	-58	5.360	30	*****	1.61	9
ELMORE CITY	2872	8	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.800	31	*****	1.32	20
GRADY	3688	8	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.270	31	*****	1.15	30
HEALDTON	4001	8	68.3	31	-2.1	93	26	44	10	38	25	140	-41	7.391	31	2.30	2.46	20
HENNENPIN	4052	8	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.460	31	*****	1.73	21
KETCHUM RAN	4780	8	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	7.610	31	*****	4.00	30
KINGSTON	4865	8	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.653	31	-1.64	1.26	30
LEHIGH	5108	8	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.955	31	*****	0.70	9
LINDSAY	5216	8	66.3	31	-3.7	92	26	43	9	50	36	92	-78	6.810	31	1.37	1.80	18
LOCO	5247	8	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	4.740	31	*****	1.19	30
MARIETTA	5563	8	68.8	31	-1.9	93	26	44	13	35	24	152	-36	3.900	31	-1.03	1.85	19
MARLOW	5581	8	67.2	31	-2.3	91	26	39	10	40	24	108	-48	4.420	31	-0.73	1.74	30
MCGEE CREEK	5713	8	67.9	31 *	****	90	27	42	4	37	*****	126	*****	6.660	31	*****	2.29	20
PAULS VALLEY	6926	8	65.6	31	-5	91	27	38	3	65	48	84	-108	5.495	31	-0.24	1.88	26
PONTOTOC	7214	8	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.581	31	-2.11	1.46	25
TISHOMINGO	8884	8	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	5.027	31	-0.01	1.90	26
TUSSY	9032	8	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	6.600	31	*****	2.25	30
WAURIKA	9395	8	69.5	31	-2.2	95	26	45	10	17	9	158	-59	2.502	31	-1.90	0.80	21
WAURIKA DAM	9399	8	68.3	28 *	****	93	27	47	4	33	*****	124	*****	2.530	29	*****	0.94	30

MAY 1997 SUMMARY FOR SOUTHEAST DIVISION (CD9)

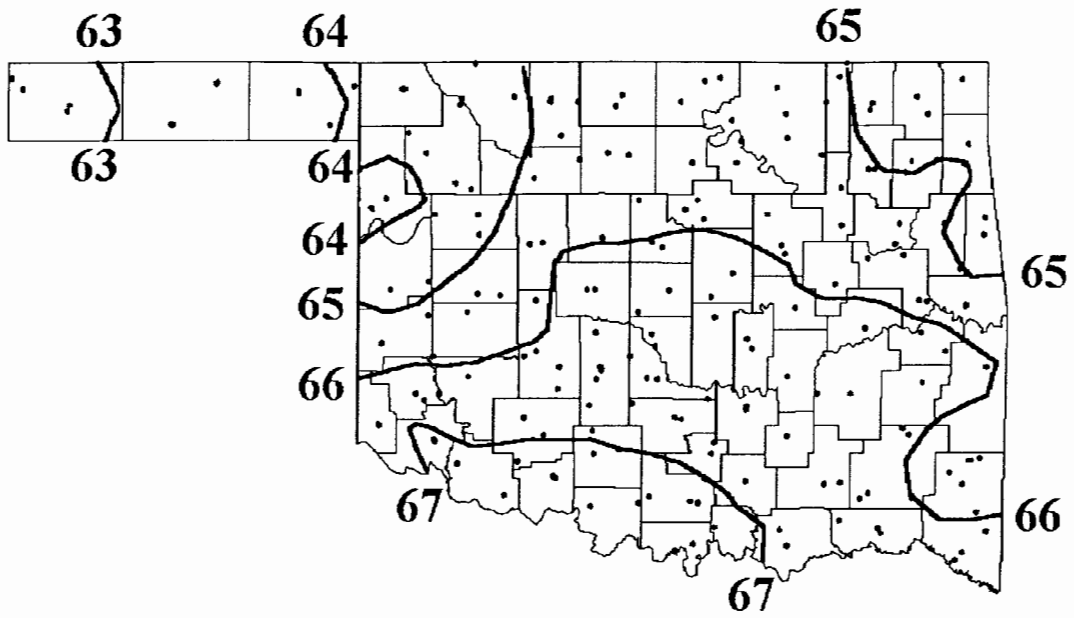
NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ANTLERS	256	9	68.0	31	-1.7	89	27	39	13	35	19	126	-35	*****	0	*****	*****	0
BATTIEST	567	9	61.5	31 *	****	85	27	34	14	131	*****	23	*****	2.410	31	*****	0.95	27
BEAR MT	584	9	68.0	24 *	****	90	3	40	13	21	*****	93	*****	2.480	27	*****	0.86	9
BENGAL	670	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	1.761	31	*****	0.52	27
BOSWELL	980	9	67.0	31	-2.9	90	26	42	6	41	27	104	-62	4.841	31	-0.83	1.90	9
BROKEN BOW	1162	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.000	31	-4.32	0.90	26
BROKEN BOW D	1168	9	66.8	31	-2.2	91	26	37	13	44	16	100	-53	2.490	31	-4.10	0.97	26
CARNASAW	1499	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.230	31	-4.56	0.85	27
CARTER TWR	1544	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	1.780	31	-5.04	1.63	26
FANSHAWE	3065	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.412	31	-4.22	0.59	24
HEAVENER	4008	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.590	31	-2.91	1.20	30
HUGO	4384	9	69.3	31	-1.7	92	25	44	14	15	5	149	-47	3.860	31	-2.12	1.35	27
IDABEL	4451	9	66.4	31	-3.3	90	27	39	13	50	31	92	-73	3.913	31	-1.99	1.21	9
PAGE	6842	9	63.9	20 *	****	87	27	31	13	43	*****	21	*****	1.590	21	*****	0.52	24
PINE CREEK	7080	9	65.2	31 *	****	91	27	38	4	60	*****	66	*****	3.282	31	*****	1.40	27
POTEAU	7254	9	66.1	31 *	****	96	26	39	3	51	*****	86	*****	2.270	31	*****	0.87	25
SMITHVILLE	8285	9	63.4	30	-4.1	86	27	33	12	96	53	49	-72	1.754	31	-5.22	0.45	27
SPIRO	8416	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	2.290	31	-3.43	0.57	26
TUSKAHOMA	9023	9	65.8	30	-3.9	90	26	37	13	63	47	87	-76	4.042	31	-2.66	1.98	27
VALLIANT	9118	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.480	31	-2.70	1.67	27
WILBURTON	9634	9	67.8	31	-1.1	91	26	38	4	35	-3	123	-37	2.130	31	-3.96	0.69	26
WISTER	9724	9	65.2	31 *	****	89	27	38	4	67	*****	72	*****	2.790	31	*****	0.95	25

MAY 1997 CLIMATE DIVISION SUMMARY

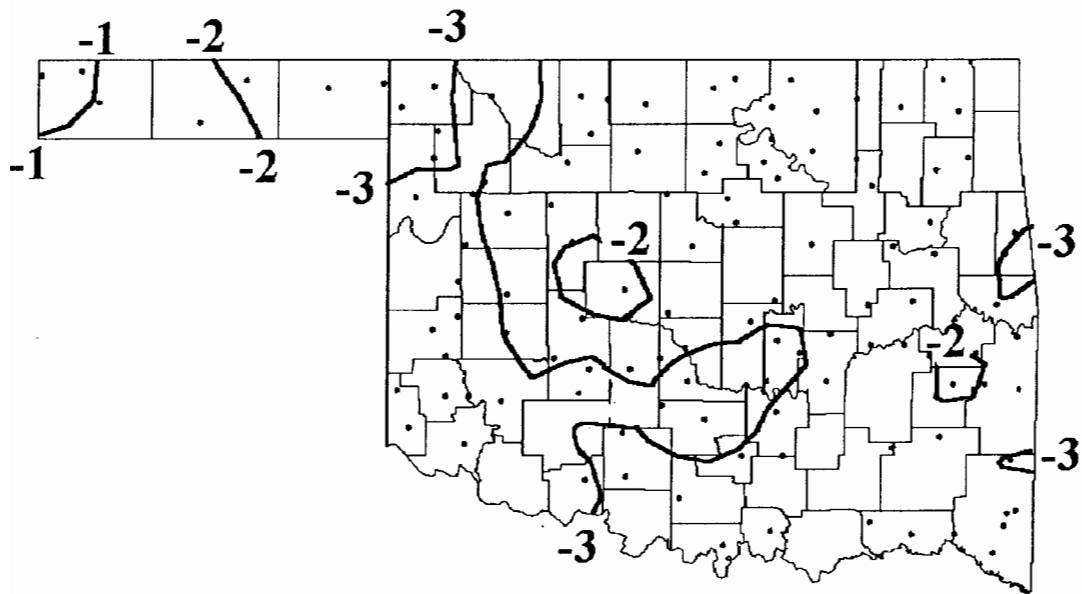
CD	MEAN TEMP	NUM STA	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAYS	DEV FROM NORM	COOL DEG DAYS	DEV FROM NORM	TOT PPT	NUM STA	DEV FROM NORM	MAX 24-HR	DAY
1	63.1	8	-2	98	17	30	3	109.3	14	50.8	-48.6	1.78	11	-1.41	1.65	30
2	65.4	11	-2.5	97	18	33	10	71.4	18.2	85.1	-59.2	3.92	22	-0.36	2.51	8
3	65.7	12	-2.3	92	17	36	1	62.8	13.5	83.8	-58.8	3.56	22	-1.31	3.1	27
4	65.8	6	-2.6	95	28	37	10	57.9	18.9	82.5	-61.7	5.39	16	0.86	2.58	25
5	66.8	12	-2.3	94	20	37	23	44.1	17	100.8	-55.8	3.82	31	-1.42	2.4	30
6	66.1	6	-2.9	91	26	35	10	53.1	19.8	85.9	-70.4	3.49	24	-2.09	2.7	27
7	67.3	9	-3	94	25	38	10	40.4	23	112.4	-71.1	4.05	16	-0.52	2.37	18
8	67.6	12	-2.6	95	26	38	3	38.2	23.4	119.6	-57.8	4.38	26	-0.98	4	30
9	66	12	-3.4	96	26	31	13	57	34.7	89.5	-70.5	2.81	19	-3.53	1.98	27

MESONET MONTHLY SUMMARY FOR MAY 1997

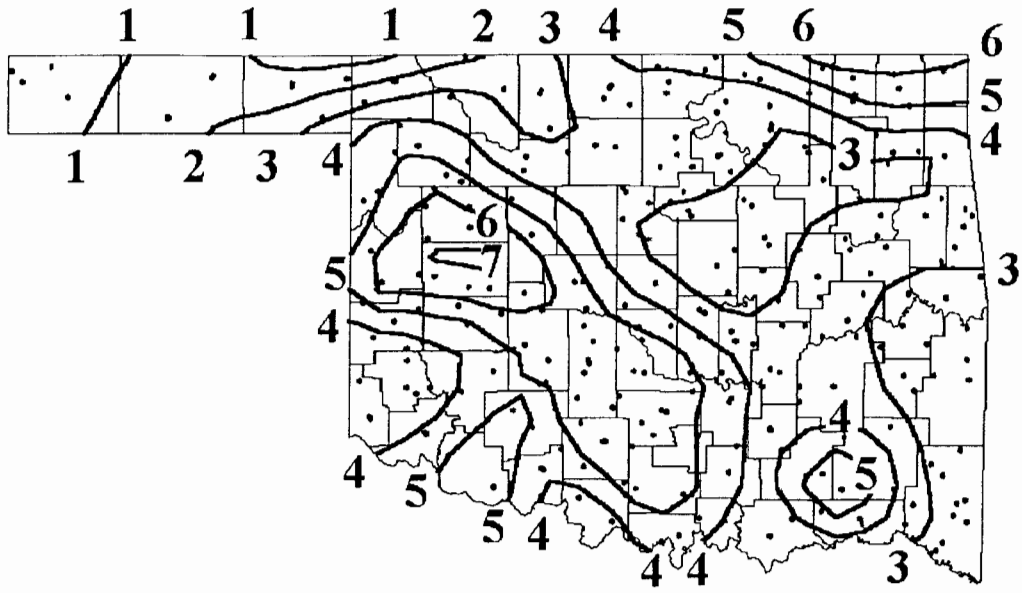
NAME	MEAN MAX		MIN		TOT		MAX		NAME	MEAN MAX		MIN		TOT		MAX					
	TEMP	TEMP	DAY	TEMP	DAY	HDD	CDD	PPT		24-HR	DAY	TEMP	TEMP	DAY	TEMP	DAY	HDD	CDD	PPT	24-HR	DAY
NORTHWEST																					
Arnett	63.8	93	17	37	3	97	58	3.91	.78	7	Goodwell	63.0	92	18	30	3	108	44	1.87	.58	6
Beaver	63.8	94	17	32	3	96	59	.73	.37	1	Hooker	62.6	94	18	30	3	115	41	1.91	.97	24
Boise City	61.2	89	17	29	3	138	19	*****	*****	**	Kenton	61.5	89	17	30	3	132	23	.46	.27	29
Buffalo	63.5	95	17	33	3	109	62	1.56	.89	29	Slapout	63.5	94	18	36	3	100	53	3.90	2.00	6
NORTH CENTRAL																					
Alva	64.0	92	17	39	3	85	54	3.14	1.11	1	May Ranch	64.7	94	17	39	3	79	69	1.49	.57	29
Blackwell	65.0	91	17	40	1	65	64	2.38	1.11	19	Medford	64.4	92	17	39	3	79	61	4.71	2.34	7
Breckenridge	64.3	90	17	39	10	80	58	2.55	.96	1	Newkirk	64.6	91	17	40	3	74	62	2.99	.81	19
Cherokee	64.5	93	17	36	10	80	65	2.43	1.22	1	Red Rock	65.7	91	17	42	1	55	78	4.44	2.54	7
Fairview	65.2	92	17	39	10	68	73	2.55	.83	1	Seiling	64.2	90	17	38	10	80	55	6.10	1.53	7
Freedom	64.5	93	17	37	3	83	67	4.54	1.17	1	Woodward	64.4	92	17	38	3	83	64	3.31	1.14	29
Lahoma	64.3	91	17	41	3	80	57	3.63	.97	1											
NORTHEAST																					
Bixby	66.4	90	17	40	10	45	89	2.96	.88	26	Nowata	63.6	87	17	36	1	97	53	5.81	2.56	30
Burbank	64.7	90	17	39	1	72	63	3.79	1.64	7	Pawnee	65.7	90	17	42	1	53	73	4.45	2.01	7
Claremore	65.0	89	17	39	1	67	67	*****	*****	**	Pryor	64.0	87	26	38	1	88	57	2.70	.50	8
Copan	64.5	89	17	39	1	74	60	7.55	2.78	30	Skiatook	65.5	88	17	42	1	56	70	2.37	.85	2
Foraker	64.4	89	17	39	1	78	58	3.84	2.00	30	Tullahassee	66.0	88	26	40	10	51	81	3.68	1.26	19
Jay	62.6	87	26	34	1	124	49	2.31	.78	8	Vinita	62.7	86	17	35	1	116	45	6.34	2.43	30
Miami	63.1	87	26	35	1	110	50	6.56	2.12	30	Wynona	65.3	90	17	39	1	59	68	2.82	.80	2
WEST CENTRAL																					
Bessie	65.4	88	17	41	3	61	73	5.15	1.44	19	Putnam	64.3	91	17	38	10	78	56	5.99	.88	7
Butler	65.3	90	17	37	3	64	72	9.21	2.09	30	Retrop	65.1	88	17	38	3	63	67	*****	*****	**
Camargo	63.0	90	17	37	10	102	41	5.88	1.69	29	Watonga	64.5	88	17	40	3	70	53	5.80	1.32	7
Cheyenne	64.1	88	17	39	3	82	53	11.53	3.14	19	Weatherford	64.0	87	17	38	3	82	52	7.29	2.15	19
Erick	64.6	91	17	39	10	72	59	2.66	.92	19											
CENTRAL																					
Acme	66.9	91	26	41	10	42	100	5.06	1.55	30	Minco	65.7	87	17	42	3	57	79	6.36	2.15	30
Bowlegs	65.9	90	26	40	1	56	82	3.43	1.06	25	Ninnekah	66.9	91	26	41	10	45	103	8.11	3.04	30
Bristow	65.2	89	26	38	10	64	69	1.91	.64	2	Norman	66.4	89	26	42	1	51	93	5.66	2.26	25
Chandler	66.6	90	26	42	10	47	95	2.47	1.03	2	Oilton	64.7	89	17	37	10	75	67	2.21	.85	2
Chickasha	66.3	90	26	39	10	53	93	6.61	2.75	30	Okemah	65.8	89	26	41	1	52	76	2.99	1.37	19
El Reno	64.9	88	17	39	10	65	61	5.88	1.32	19	Perkins	66.3	92	17	40	10	53	93	2.49	1.49	2
Guthrie	66.3	90	17	40	10	51	90	2.33	1.15	2	Shawnee	66.2	89	26	42	10	49	87	3.01	1.07	2
Kingfisher	65.4	90	17	39	10	63	74	4.01	1.07	7	Spencer	66.8	89	17	42	10	44	100	3.65	1.23	2
Marena	66.2	91	17	41	10	49	86	2.83	.90	2	Stillwater	65.3	91	17	38	10	63	73	2.46	.96	2
Marshall	65.2	91	17	39	10	65	72	3.19	1.23	1	Washington	66.3	89	26	44	1	45	87	6.16	1.88	19
EAST CENTRAL																					
Calvin	66.7	89	26	41	1	49	103	3.30	1.27	25	Sallisaw	63.2	89	26	36	4	107	51	3.04	.74	8
Cookson	63.9	87	26	36	10	95	60	2.44	.83	2	Stigler	65.9	89	26	40	4	52	80	2.14	.86	8
Eufaula	66.4	88	26	42	10	42	84	4.09	1.16	26	Stuart	66.4	88	26	42	1	49	92	3.17	.57	25
Haskell	65.5	88	17	42	1	53	68	4.38	1.37	26	Tahlequah	63.8	87	26	37	1	93	55	3.39	.81	25
McAlester	66.3	89	26	40	10	58	99	4.62	2.18	26	Webbers Falls	67.0	91	17	42	1	41	102	2.32	1.08	2
Okmulgee	65.9	89	17	39	1	53	80	3.14	1.28	19	Westville	63.2	85	26	37	1	101	45	4.11	1.03	2
SOUTHWEST																					
Altus	67.8	95	25	45	3	35	122	3.74	1.37	8	Hollis	67.4	91	17	43	3	36	111	3.43	1.63	8
Apache	65.4	88	26	42	3	63	74	3.09	.93	7	Mangum	66.2	90	17	43	3	50	87	3.13	.58	8
Fort Cobb	66.2	91	17	41	3	52	90	3.23	1.34	19	Medicine Park	66.6	88	26	45	3	42	92	7.17	2.39	19
Grandfield	67.8	92	26	42	3	39	127	7.50	3.36	19	Tipton	67.5	92	25	42	3	35	112	4.77	2.41	8
Hinton	65.1	88	17	39	3	63	66	7.34	1.79	29	Walters	67.5	93	26	44	10	40	117	2.83	.58	8
Hobart	65.6	89	25	41	3	59	79	3.78	.95	8											
SOUTH CENTRAL																					
Ada	66.7	90	26	41	4	52	103	4.43	1.77	25	Lane	66.4	89	26	41	13	56	98	6.78	3.62	25
Ardmore	67.1	91	26	44	4	47	114	6.07	2.41	19	Madill	67.7	91	26	44	1	45	127	4.52	1.80	19
Burneyville	66.9	92	26	40	10	60	120	5.05	2.47	19	Pauls Valley	67.4	92	26	43	4	38	112	5.43	1.64	19
Byars	66.5	90	26	46	3	43	91	5.29	1.78	25	Ringling	67.8	93	26	44	10	40	127	2.01	.72	8
Centrahoma	66.4	90	26	40	4	59	104	3.53	1.52	25	Sulphur	66.6	90	26	41	10	58	107	4.93	1.93	25
Durant	67.2	89	26	45	13	45	112	3.43	1.28	24	Tishomingo	66.4	90	26	40	1	55	99	4.40	1.32	19
Ketchum Ranch	67.2	92	26	44	10	42	109	7.92	3.95	30	Waurika	68.0	94	26	44	10	37	130	2.56	.83	30
SOUTHEAST																					
Antlers	65.8	90	26	35	13	72	97	11.69	3.90	25	Idabel	67.4	90	26	40	13	49	124	2.42	.99	8
Broken Bow	67.2	90	26	38	13	49	118	2.89	1.06	27	Mt Herman	64.7	85	2	37	13	77	68	2.85	1.34	26
Clayton	66.2	90	26	39	4	59	96	*****	*****	**	Talihina	65.9	88	26	37	13	68	96	4.20	1.08	26
Cloudy	65.7	87	26	39	13	62	82	3.54	1.01	26	Wilburton	66.0	90	26	39	10	60	90	3.53	2.01	26
Hugo	66.9	88	26	44	4	43	101	4.56	1.95	8	Wister	65.3	90	26	38	4	71	79	1.95	.73	24



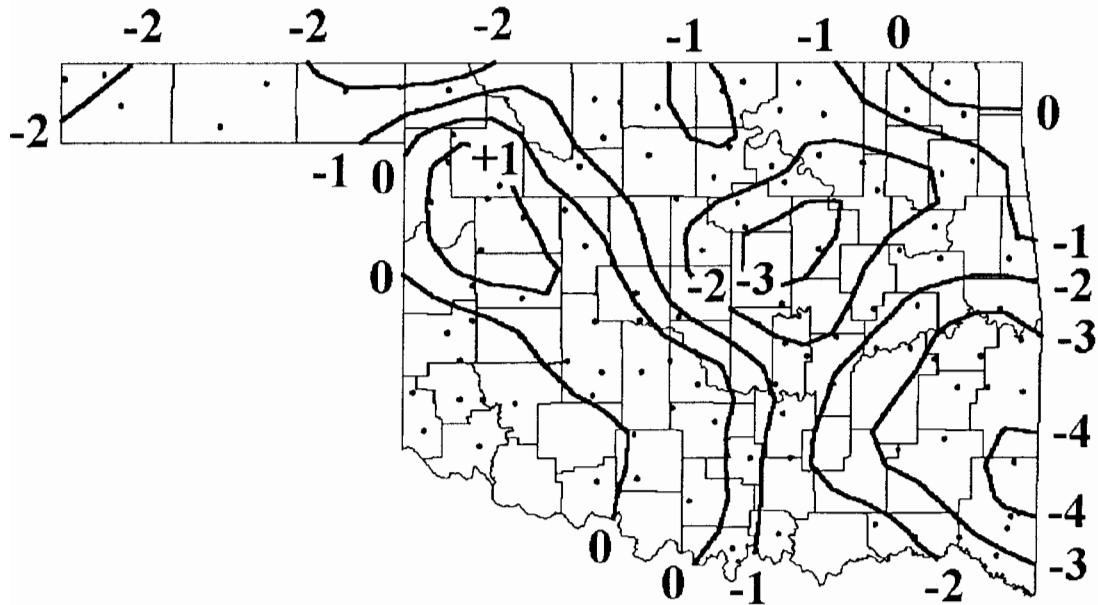
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(°F)



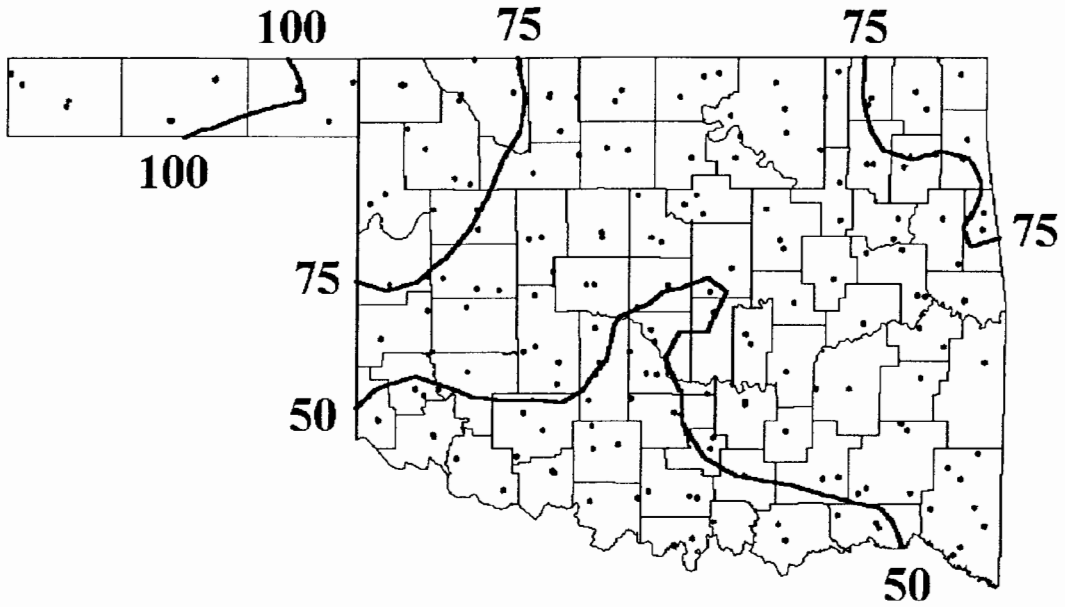
MAY 1997 DEPARTURE FROM NORMAL TEMPERATURE  
(°F)



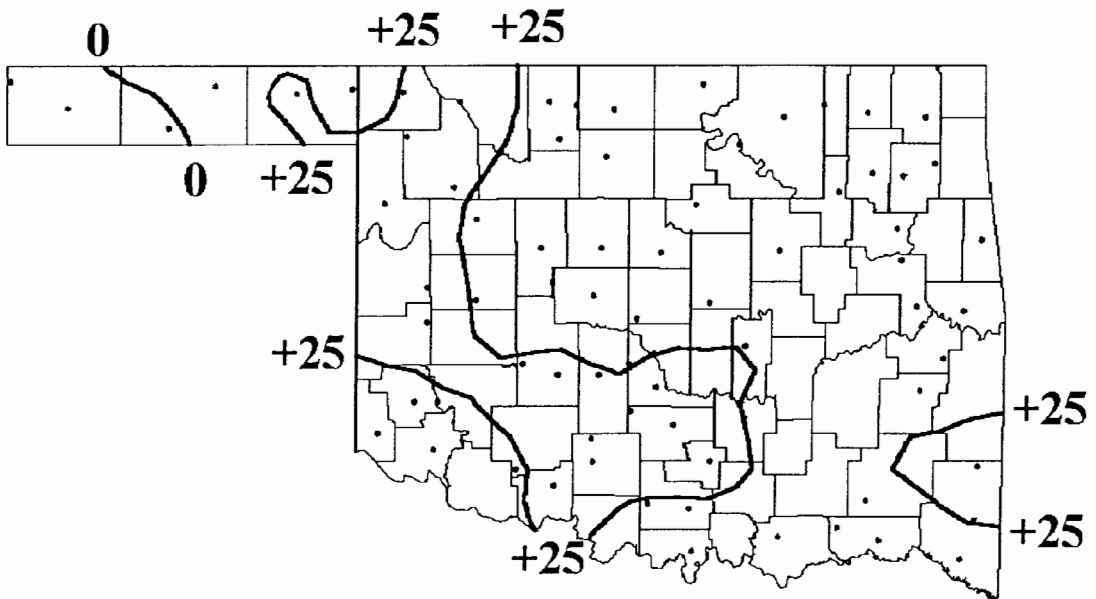
MAY 1997 TOTAL PRECIPITATION  
(INCHES)



MAY 1997 DEPARTURE FROM NORMAL PRECIPITATION  
(INCHES)

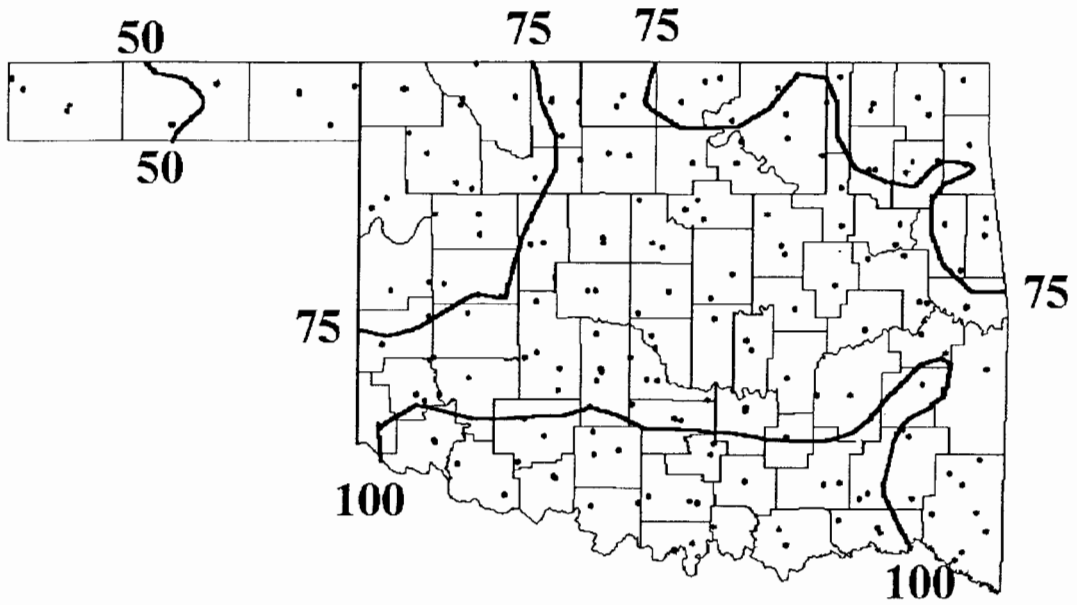


MAY 1997 ACCUMULATED HEATING DEGREE DAYS  
(°F)

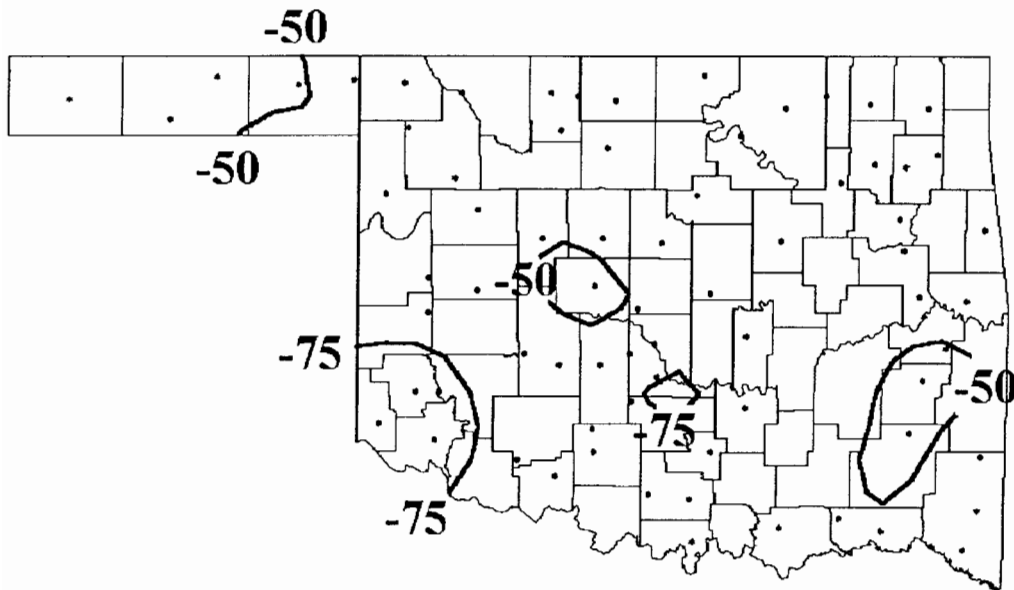


MAY 1997 DEPARTURE FROM NORMAL HEATING DEGREE DAYS  
(°F)

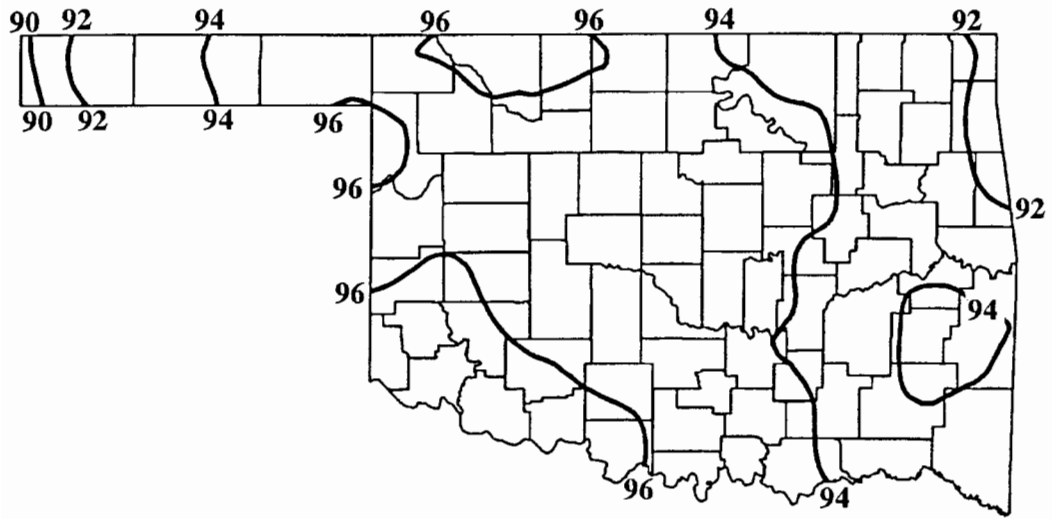




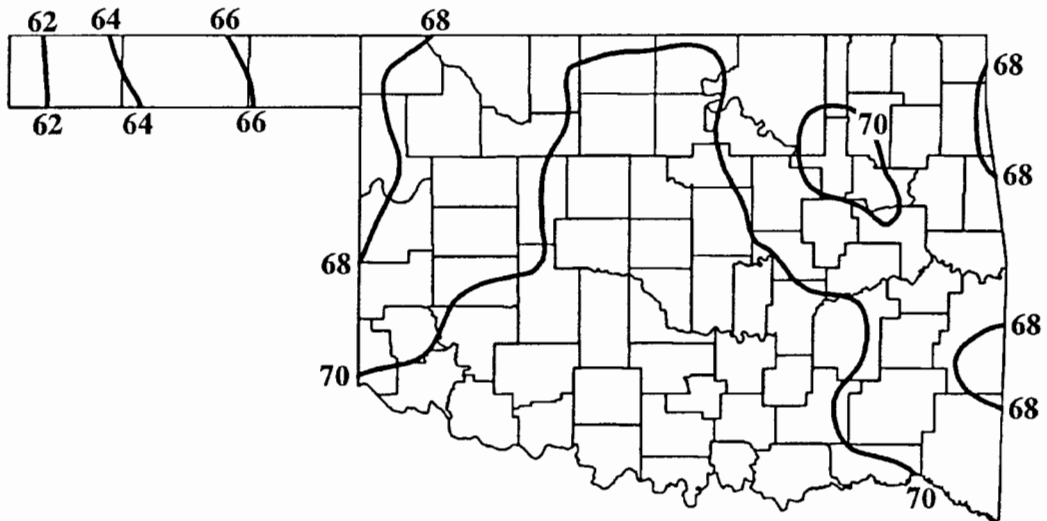
MAY 1997 ACCUMULATED COOLING DEGREE DAYS  
(°F)



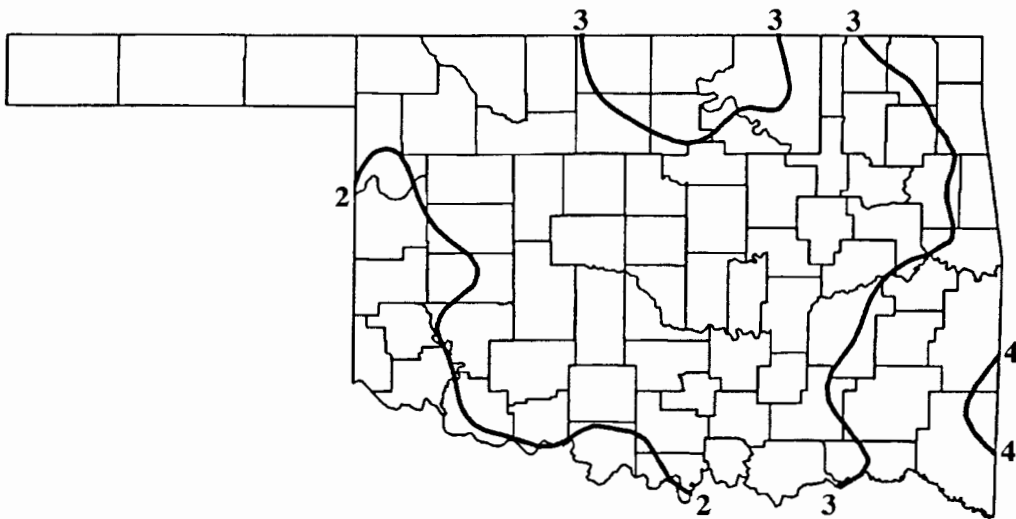
MAY 1997 DEPARTURE FROM NORMAL COOLING DEGREE DAYS  
(°F)



JULY NORMAL DAILY MAXIMUM TEMPERATURE (°F)



JULY NORMAL DAILY MINIMUM TEMPERATURE (°F)



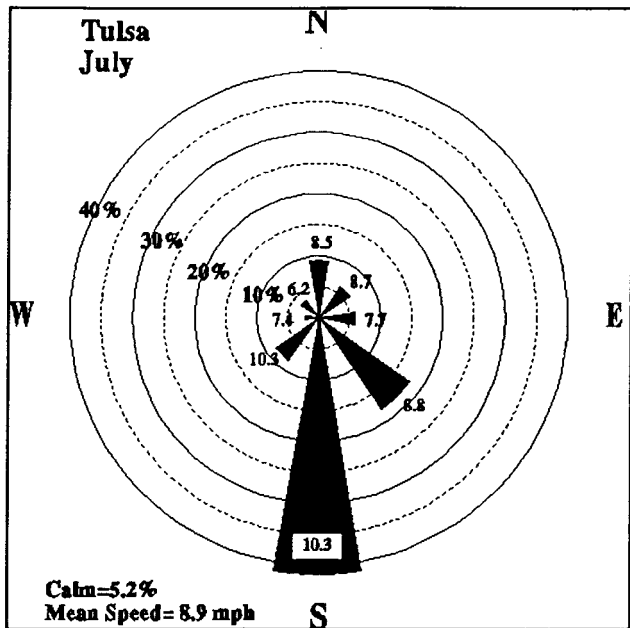
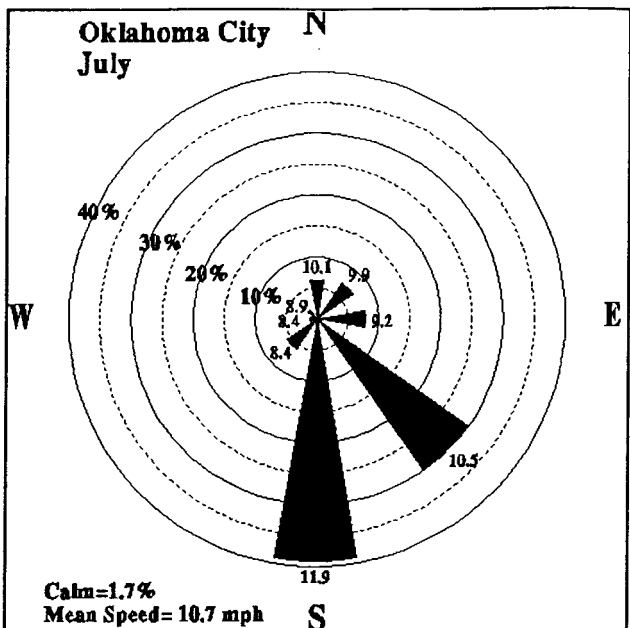
**JULY NORMAL MONTHLY PRECIPITATION (inches)**

**OUTLOOK FOR JULY THROUGH SEPTEMBER 1997**

BASED ON SEASONAL OUTLOOKS PROVIDED BY THE CLIMATE PREDICTION CENTER

**TEMPERATURE: Lower Than Normal Statewide**

**PRECIPITATION: Near Normal Statewide**



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.

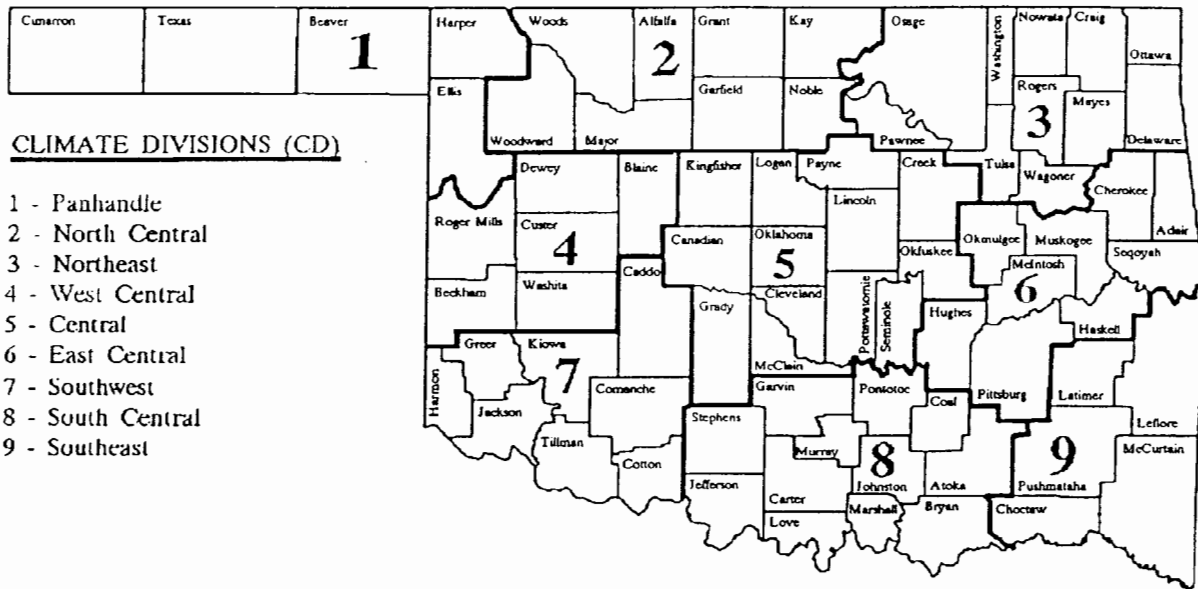
**JULY 1997 SUNRISE AND SUNSET**

**OKLAHOMA CITY**

DATE	SUNRISE	SUNSET	DAYLIGHT
97 7 1	6:21AM	8:47PM CDT	14 hrs 27 mins
97 7 2	6:21AM	8:47PM CDT	14 hrs 26 mins
97 7 3	6:22AM	8:47PM CDT	14 hrs 26 mins
97 7 4	6:22AM	8:47PM CDT	14 hrs 25 mins
97 7 5	6:22AM	8:47PM CDT	14 hrs 25 mins
97 7 6	6:23AM	8:47PM CDT	14 hrs 24 mins
97 7 7	6:23AM	8:47PM CDT	14 hrs 23 mins
97 7 8	6:24AM	8:47PM CDT	14 hrs 23 mins
97 7 9	6:24AM	8:46PM CDT	14 hrs 22 mins
97 7 10	6:25AM	8:46PM CDT	14 hrs 21 mins
97 7 11	6:25AM	8:46PM CDT	14 hrs 20 mins
97 7 12	6:26AM	8:46PM CDT	14 hrs 20 mins
97 7 13	6:27AM	8:45PM CDT	14 hrs 19 mins
97 7 14	6:27AM	8:45PM CDT	14 hrs 18 mins
97 7 15	6:28AM	8:45PM CDT	14 hrs 17 mins
97 7 16	6:28AM	8:44PM CDT	14 hrs 16 mins
97 7 17	6:29AM	8:44PM CDT	14 hrs 15 mins
97 7 18	6:30AM	8:43PM CDT	14 hrs 14 mins
97 7 19	6:30AM	8:43PM CDT	14 hrs 13 mins
97 7 20	6:31AM	8:42PM CDT	14 hrs 12 mins
97 7 21	6:32AM	8:42PM CDT	14 hrs 10 mins
97 7 22	6:32AM	8:41PM CDT	14 hrs 9 mins
97 7 23	6:33AM	8:41PM CDT	14 hrs 8 mins
97 7 24	6:34AM	8:40PM CDT	14 hrs 7 mins
97 7 25	6:34AM	8:40PM CDT	14 hrs 5 mins
97 7 26	6:35AM	8:39PM CDT	14 hrs 4 mins
97 7 27	6:36AM	8:38PM CDT	14 hrs 3 mins
97 7 28	6:36AM	8:38PM CDT	14 hrs 1 mins
97 7 29	6:37AM	8:37PM CDT	14 hrs 0 mins
97 7 30	6:38AM	8:36PM CDT	13 hrs 58 mins
97 7 31	6:38AM	8:35PM CDT	13 hrs 57 mins

**TULSA**

DATE	SUNRISE	SUNSET	DAYLIGHT
97 7 1	6:12AM	8:43PM CDT	14 hrs 31 mins
97 7 2	6:12AM	8:43PM CDT	14 hrs 30 mins
97 7 3	6:13AM	8:43PM CDT	14 hrs 30 mins
97 7 4	6:13AM	8:42PM CDT	14 hrs 29 mins
97 7 5	6:14AM	8:42PM CDT	14 hrs 29 mins
97 7 6	6:14AM	8:42PM CDT	14 hrs 28 mins
97 7 7	6:14AM	8:42PM CDT	14 hrs 28 mins
97 7 8	6:15AM	8:42PM CDT	14 hrs 27 mins
97 7 9	6:16AM	8:42PM CDT	14 hrs 26 mins
97 7 10	6:16AM	8:41PM CDT	14 hrs 25 mins
97 7 11	6:17AM	8:41PM CDT	14 hrs 25 mins
97 7 12	6:17AM	8:41PM CDT	14 hrs 24 mins
97 7 13	6:18AM	8:41PM CDT	14 hrs 23 mins
97 7 14	6:18AM	8:40PM CDT	14 hrs 22 mins
97 7 15	6:19AM	8:40PM CDT	14 hrs 21 mins
97 7 16	6:20AM	8:39PM CDT	14 hrs 20 mins
97 7 17	6:20AM	8:39PM CDT	14 hrs 19 mins
97 7 18	6:21AM	8:39PM CDT	14 hrs 18 mins
97 7 19	6:22AM	8:38PM CDT	14 hrs 17 mins
97 7 20	6:22AM	8:38PM CDT	14 hrs 15 mins
97 7 21	6:23AM	8:37PM CDT	14 hrs 14 mins
97 7 22	6:24AM	8:36PM CDT	14 hrs 13 mins
97 7 23	6:24AM	8:36PM CDT	14 hrs 12 mins
97 7 24	6:25AM	8:35PM CDT	14 hrs 10 mins
97 7 25	6:26AM	8:35PM CDT	14 hrs 9 mins
97 7 26	6:26AM	8:34PM CDT	14 hrs 8 mins
97 7 27	6:27AM	8:33PM CDT	14 hrs 6 mins
97 7 28	6:28AM	8:32PM CDT	14 hrs 5 mins
97 7 29	6:28AM	8:32PM CDT	14 hrs 3 mins
97 7 30	6:29AM	8:31PM CDT	14 hrs 2 mins
97 7 31	6:30AM	8:30PM CDT	14 hrs 0 mins



CLIMATE DIVISIONS (CD)

- 1 - Panhandle
- 2 - North Central
- 3 - Northeast
- 4 - West Central
- 5 - Central
- 6 - East Central
- 7 - Southwest
- 8 - South Central
- 9 - Southeast

EXPLANATION OF TABLES

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

- Station Name:
- Station Identification Number: These are usually assigned by the National Climatic Data Center.
- Climate Division: See the figure above.
- Number of Temperature Observations: These are the actual number of temperature reports recorded at the station during the current month. Missing observations may result in artificially high or low mean monthly temperatures.
- Deviation from Normal: The deviation of the observed mean monthly temperature from the monthly station normal. A positive value indicates the month was warmer than normal. A negative value indicates the month was cooler than normal. Normal monthly temperatures may be calculated by subtracting the deviation from the observed temperature.
- Maximum Daily Maximum: The maximum daily maximum temperature observed during the current month and year and the day which it occurred.
- Minimum Daily Minimum: The minimum daily minimum temperature observed during the current month and year and the day which it occurred.
- Heating Degree Days: HDD are calculated each day of the month for which there is a temperature report and the average temperature for the day is less than 65 degrees. Daily values are summed to arrive at a monthly total. They are a qualitative measure of how much heat was required to maintain a comfortable indoor temperature. Missing observations may result in an artificially high or low value. For February 1984 HDD would be calculated as:

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

- Deviation from Normal Heating Degree Days: A positive value indicates higher than normal heating requirements for the month as a whole. A negative value indicates lower than normal heating requirements for the month as a whole. Normal HDD may be calculated by subtracting the deviation from observed HDD.
- Cooling Degree Days: CDD are calculated each day of the month for which there is a temperature report and the average temperature for the day exceeds 65 degrees. Daily values are summed to give a monthly total. They are a proxy measure of how much cooling was required to maintain a comfortable indoor temperature. Missing observations may result in an artificially high or low value. For June, CDD would be calculated as:

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

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

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

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

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

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

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

OKLAHOMA CITY CLIMATE CALENDAR

JULY

The data on this calendar are for Oklahoma City.  
 Normal values are calculated for the period  
 1961-1990. Extremes are found for the period  
 of record (1891 - present).

Normal	1 Actual	Normal	2 Actual	Normal	3 Actual	Normal	4 Actual	Normal	5 Actual	Normal	6 Actual	Normal	7 Actual
90.3 69.5 19 0 15 16	Max Min PPT RBD CDD	92.0 70.9 0 0 16	Max Min PPT RBD CDD	92.6 71.2 0 0 17	Max Min PPT RBD CDD	91.3 70.0 0 0 16	Max Min PPT RBD CDD	91.4 69.5 1.0 0 15	Max Min PPT RBD CDD	92.0 69.9 0 0 16	Max Min PPT RBD CDD	92.5 70.9 0 0 16	Max Min PPT RBD CDD
103-1917	Highest Max	105-1890	Highest Max	106-1960	Highest Max	104-1909	Highest Max	106-1994	Highest Max	107-1994	Highest Max	106-1994	Highest Max
77-1951	Lowest Max	72-1924	Lowest Max	75-1908	Lowest Max	73-1915	Lowest Max	77-1969	Lowest Max	73-1958	Lowest Max	76-1960	Lowest Max
65-1937	Lowest Min	58-1924	Lowest Min	57-1906	Lowest Min	57-1924	Lowest Min	55-1915	Lowest Min	55-1915	Lowest Min	57-1962	Lowest Min
606-1913	Highest Ppt	78-1960	Highest Ppt	78-1963	Highest Ppt	60-1960	Highest Ppt	80-1953	Highest Ppt	80-1953	Highest Ppt	78-1960	Highest Ppt
606-1913	Greatest ppt	170-1922	Greatest ppt	237-1947	Greatest ppt	137-1909	Greatest ppt	321-1979	Greatest ppt	144-1929	Greatest ppt	203-1996	Greatest ppt
Normal	8 Actual	Normal	9 Actual	Normal	10 Actual	Normal	11 Actual	Normal	12 Actual	Normal	13 Actual	Normal	14 Actual
92.8 70.5 0 0 17	Max Min PPT RBD CDD	93.1 70.6 0 0 17	Max Min PPT RBD CDD	93.4 70.4 0 0 17	Max Min PPT RBD CDD	93.1 70.8 0 0 17	Max Min PPT RBD CDD	92.9 70.7 0 0 17	Max Min PPT RBD CDD	92.6 69.9 0 0 16	Max Min PPT RBD CDD	92.8 69.8 0 0 16	Max Min PPT RBD CDD
105-1944	Highest Max	106-1944	Highest Max	104-1933	Highest Max	107-1933	Highest Max	107-1933	Highest Max	107-1954	Highest Max	106-1954	Highest Max
70-1906	Lowest Max	71-1905	Lowest Max	66-1905	Lowest Max	67-1905	Lowest Max	62-1923	Lowest Max	73-1923	Lowest Max	73-1923	Lowest Max
78-1970	Lowest Min	66-1991	Lowest Min	56-1905	Lowest Min	55-1905	Lowest Min	65-1923	Lowest Min	55-1975	Lowest Min	55-1975	Lowest Min
132-1959	Highest Ppt	60-1933	Highest Ppt	80-1923	Highest Ppt	81-1923	Highest Ppt	82-1923	Highest Ppt	81-1934	Highest Ppt	81-1934	Highest Ppt
132-1959	Greatest ppt	214-1959	Greatest ppt	278-1996	Greatest ppt	302-1996	Greatest ppt	190-1929	Greatest ppt	210-1993	Greatest ppt	198-1996	Greatest ppt
Normal	15 Actual	Normal	16 Actual	Normal	17 Actual	Normal	18 Actual	Normal	19 Actual	Normal	20 Actual	Normal	21 Actual
92.5 70.6 0 0 17	Max Min PPT RBD CDD	92.8 70.8 0 0 17	Max Min PPT RBD CDD	93.2 70.9 0 0 17	Max Min PPT RBD CDD	93.6 71.8 0 0 18	Max Min PPT RBD CDD	93.4 71.4 0 0 17	Max Min PPT RBD CDD	93.9 70.9 0 0 17	Max Min PPT RBD CDD	93.7 70.7 0 0 17	Max Min PPT RBD CDD
106-1936	Highest Max	106-1899	Highest Max	106-1960	Highest Max	106-1906	Highest Max	106-1906	Highest Max	107-1936	Highest Max	107-1936	Highest Max
71-1891	Lowest Max	74-1907	Lowest Max	60-1900	Lowest Max	72-1907	Lowest Max	71-1903	Lowest Max	77-1944	Lowest Max	76-1970	Lowest Max
65-1947	Lowest Min	61-1891	Lowest Min	60-1902	Lowest Min	62-1911	Lowest Min	64-1908	Lowest Min	60-1970	Lowest Min	64-1970	Lowest Min
65-1946	Highest Ppt	78-1939	Highest Ppt	78-1943	Highest Ppt	81-1936	Highest Ppt	82-1936	Highest Ppt	78-1944	Highest Ppt	78-1944	Highest Ppt
65-1946	Greatest ppt	254-1909	Greatest ppt	171-1959	Greatest ppt	123-1893	Greatest ppt	277-1916	Greatest ppt	148-1937	Greatest ppt	147-1959	Greatest ppt
Normal	22 Actual	Normal	23 Actual	Normal	24 Actual	Normal	25 Actual	Normal	26 Actual	Normal	27 Actual	Normal	28 Actual
92.8 71.0 1.0 0 17	Max Min PPT RBD CDD	92.4 70.1 0 0 16	Max Min PPT RBD CDD	93.5 71.0 0 0 17	Max Min PPT RBD CDD	94.1 71.9 0 0 18	Max Min PPT RBD CDD	93.7 72.0 0 0 18	Max Min PPT RBD CDD	93.7 71.9 0 0 18	Max Min PPT RBD CDD	92.7 70.8 0 0 17	Max Min PPT RBD CDD
107-1974	Highest Max	104-1931	Highest Max	106-1948	Highest Max	106-1977	Highest Max	106-1978	Highest Max	106-1978	Highest Max	105-1968	Highest Max
73-1947	Lowest Max	77-1938	Lowest Max	73-1947	Lowest Max	70-1906	Lowest Max	75-1969	Lowest Max	75-1969	Lowest Max	75-1969	Lowest Max
67-1970	Lowest Min	65-1970	Lowest Min	61-1970	Lowest Min	60-1911	Lowest Min	63-1911	Lowest Min	63-1911	Lowest Min	63-1944	Lowest Min
78-1991	Highest Ppt	78-1991	Highest Ppt	78-1999	Highest Ppt	80-1904	Highest Ppt	78-1991	Highest Ppt	78-1991	Highest Ppt	78-1991	Highest Ppt
78-1991	Greatest ppt	248-1999	Greatest ppt	226-1975	Greatest ppt	190-1906	Greatest ppt	137-1906	Greatest ppt	137-1906	Greatest ppt	600-1991	Greatest ppt
Normal	29 Actual	Normal	30 Actual	Normal	31 Actual	Normal	31 Actual	Normal	31 Actual	Normal	31 Actual	Normal	31 Actual
93.4 71.0 1.6 0 17	Max Min PPT RBD CDD	93.5 71.2 0 0 17	Max Min PPT RBD CDD	92.7 70.8 0 0 17	Max Min PPT RBD CDD	92.7 70.8 0 0 17	Max Min PPT RBD CDD	92.7 70.8 0 0 17	Max Min PPT RBD CDD	92.7 70.8 0 0 17	Max Min PPT RBD CDD	92.7 70.8 0 0 17	Max Min PPT RBD CDD
106-1998	Highest Max	106-1998	Highest Max	107-1990	Highest Max	107-1990	Highest Max	107-1990	Highest Max	107-1990	Highest Max	107-1990	Highest Max
76-1992	Lowest Max	73-1925	Lowest Max	76-1925	Lowest Max	76-1925	Lowest Max	76-1925	Lowest Max	76-1925	Lowest Max	76-1925	Lowest Max
60-1994	Lowest Min	67-1971	Lowest Min	63-1971	Lowest Min	63-1971	Lowest Min	63-1971	Lowest Min	63-1971	Lowest Min	63-1971	Lowest Min
78-1996	Highest Ppt	80-1996	Highest Ppt	78-1945	Highest Ppt	78-1945	Highest Ppt	78-1945	Highest Ppt	78-1945	Highest Ppt	78-1945	Highest Ppt
78-1996	Greatest ppt	106-1996	Greatest ppt	107-1978	Greatest ppt	107-1978	Greatest ppt	107-1978	Greatest ppt	107-1978	Greatest ppt	107-1978	Greatest ppt

JULY AVERAGES

TEMPERATURE : 81.8°F  
 PRECIPITATION : 2.84"  
 HEATING DEGREE DAYS : 0  
 COOLING DEGREE DAYS : 620

TULSA CLIMATE CALENDAR

JULY

The data on this calendar are for Tulsa. Normal values are calculated for the period 1948-1991. Temperature extremes are for the period 1905-present; precipitation extremes are for the period 1948-present.

Normal 91.0 71.0 1.0 0 16 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 1	Normal 93.0 72.0 0.7 0 17 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 2	Normal 93.0 72.0 0.4 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 3	Normal 92.0 72.0 1.0 0 17 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 4	Normal 92.0 72.0 0.7 0 17 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 5	Normal 92.0 70.0 1.0 0 16 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 6	Normal 93.0 71.0 1.0 0 17 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 7	Normal 93.0 72.0 0.7 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 8	Normal 93.0 72.0 0.4 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 9	Normal 94.0 72.0 0.6 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 10	Normal 94.0 72.0 1.2 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 11	Normal 94.0 73.0 1.0 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 12	Normal 94.0 73.0 0.2 0 20 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 13	Normal 94.0 72.0 0.6 0 19 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 14	Normal 94.0 73.0 0.9 0 19 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 15	Normal 92.0 73.0 0.22 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 16	Normal 93.0 73.0 1.2 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 17	Normal 94.0 73.0 0.9 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 18	Normal 95.0 74.0 0.4 0 20 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 19	Normal 95.0 74.0 0.2 0 20 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 20	Normal 94.0 72.0 0.6 0 19 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 21	Normal 94.0 73.0 0.9 0 19 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 22	Normal 94.0 73.0 0.17 0 19 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 23	Normal 94.0 73.0 1.0 0 19 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 24	Normal 94.0 73.0 1.1 0 19 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 25	Normal 94.0 74.0 0.4 0 19 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 26	Normal 94.0 74.0 1.0 0 19 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 27	Normal 94.0 73.0 0.29 0 19 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 28	Normal 93.0 73.0 1.6 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 29	Normal 94.0 73.0 0.8 0 19 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 30	Normal 94.0 72.0 1.5 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	Actual 31	Normal 94.0 72.0 0.9 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt
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JULY AVERAGES

TEMPERATURE : 83.0°F  
 PRECIPITATION : 3.42"  
 HEATING DEGREE DAYS : 0  
 COOLING DEGREE DAYS : 664