

# OKLAHOMA MONTHLY SUMMARY JANUARY 1997

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## MONTHLY SUMMARY FOR JANUARY 1997

Despite three significant snow storms and four intrusions of cold air with sub-zero temperatures, preliminary reports indicate that January was drier and warmer than normal. The average station in the state received 0.48 inches of precipitation, 0.78 inches less than normal, ranking this as the 15th driest January since 1892. The largest precipitation deficits occurred in the southeastern third of the state, but no region of the state experienced greater-than-normal precipitation. The statewide averaged temperature, inflated by unseasonal warmth during the first four days and a mild last half of the month, was 37.0 degrees, 0.6 degrees above normal but ranking only as the 65th warmest out of 106 years.

Daytime temperatures were in the 80s in much of southwestern Oklahoma during the first four days of the month. The Oklahoma Mesonet site near Arnett (Ellis County) recorded a high temperature of 85 degrees on the 2nd. National Weather Service cooperative observers at Mangum (Greer) and Hollis (Harmon) reported daytime high temperatures of 84 degrees on the 2nd and 3rd, respectively.

A cold front moved through the state on the 4th, returning temperatures to more seasonal values. A major upper-level storm system brought its influence to bear on the state from the 6th through the 10th, producing significant snowfall in many areas and, eventually, leading to significantly lower temperatures. Snowfall across the northwestern half of the state from the 6th through the 9th led to accumulations as great as 9 inches at Choctaw (Oklahoma), 7 inches at Nowata (Nowata) and Elk City (Beckham) and 6 inches at Hollis, Sweetwater (Beckham), Perkins (Payne), Claremore (Rogers) and Upper Spavinaw State Park (Delaware).

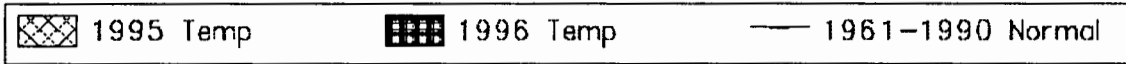
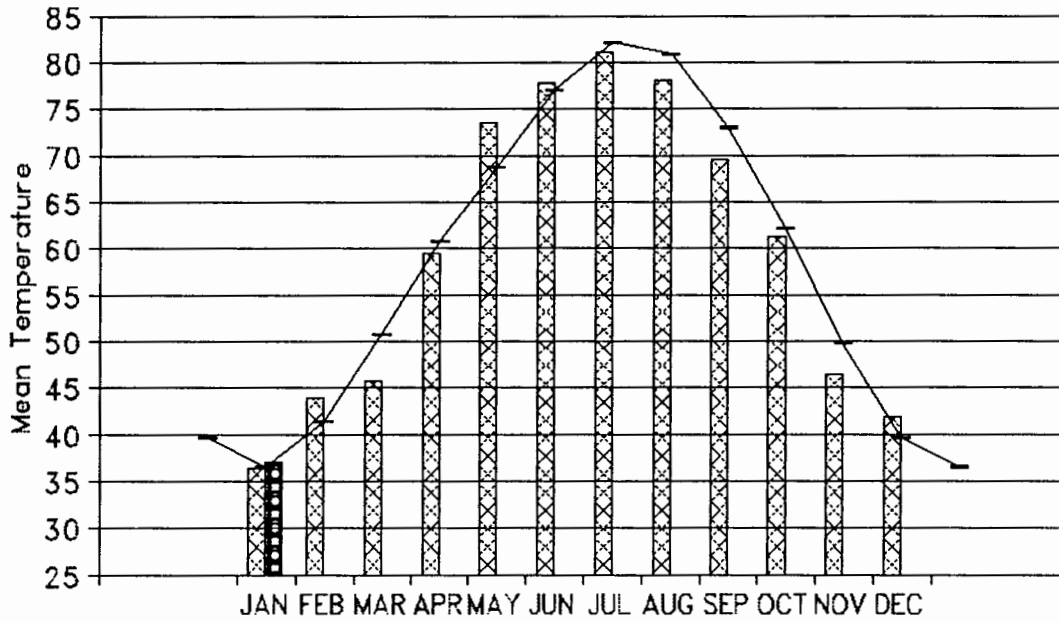
A smaller winter storm from the 10th through the 12th produced a winter mix of precipitation, mainly in the west, including 4 inches of snow at Altus (Jackson), 7 inches of snow in the Panhandle at Boise City (Cimarron) and freezing rain in other areas. Overnight low temperatures were below zero in many areas from the 11th through the 13th. Temperatures in snow-covered areas in extreme northwestern and northeastern Oklahoma never rose above 10 degrees on the 11th and 12th. Temperatures stayed below freezing throughout the state from the 11th through the 13th.

A third winter storm swept through the state on the 13th and 14th, producing as much as 6 inches of snow at Pawnee (Pawnee) and bringing freezing rain to southern and eastern regions of the state. Temperatures over the snow cover in the northeast plunged as Barnsdall (Osage) reached a low of -13 degrees, Pawhuska (Osage) dropped to -9 and Vinita (Craig) reported -7, all on the 17th.

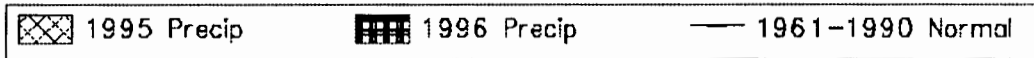
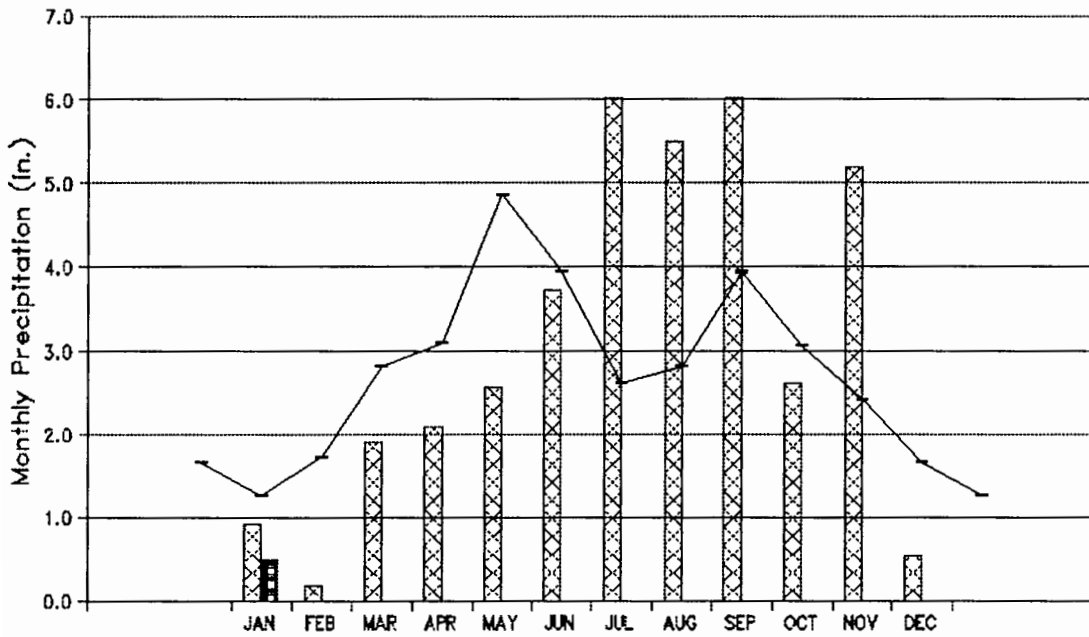
A significant warming began in the south and west on the 17th, returning daytime temperatures to the 70s in many areas and introducing a period of milder weather that held, for the most part, through the end of the month. A push of cold air settled into northern Oklahoma on the 28th to return sub-zero overnight temperatures to a few areas, most notably Hulah Dam (Osage) which recorded a low of -11 on the 30th. Temperatures in most areas of the state had returned to the 60s and 70s statewide by the afternoon of the 31st. The Mesonet site at Burneyville (Love) recorded a high temperature of 80 degrees on the 31st.

Howard L. Johnson

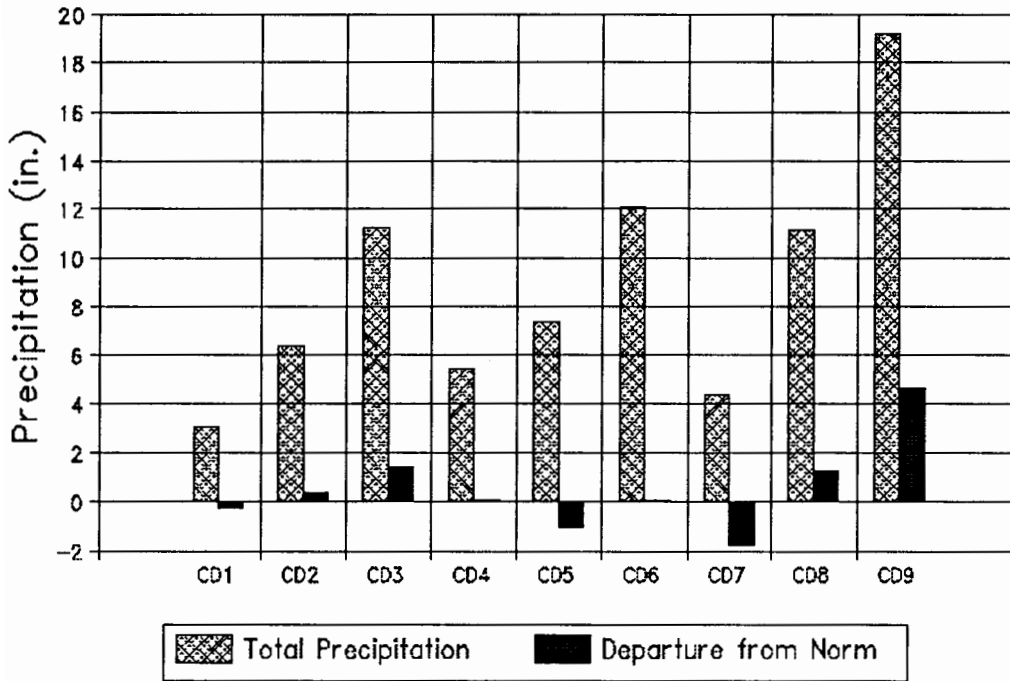
### 1996 and 1997 STATEWIDE TEMPERATURES Monthly Averages



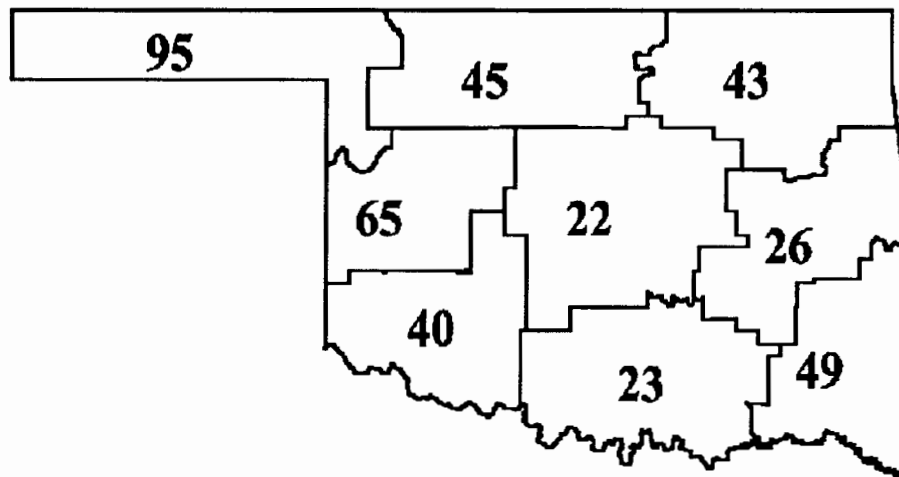
### 1996 and 1997 STATEWIDE PRECIPITATION Monthly Totals



### CD Averaged Precipitation October 1996 through January 1997



### CD PERCENT OF NORMAL PRECIPITATION



JANUARY 1997

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

CD	MAX TEMP	DATE	LOCATION	MIN TEMP	DATE	LOCATION	24-HOUR PRECIP	DATE	LOCATION	MONTHLY PRECIP	LOCATION
1	83	2	GAGE	-3	12	KENTON	.90	12	LAVERNE	1.35	KENTON
2	82	3	FT SUPPLY	-4	29	FREEDOM	.42 .42	9 9	FT SUPPLY FREEDOM	.55	FT SUPPLY
3	79 79	3 2	KEYSTONE MANNFORD	-13	17	BARNSDALL	.60 .60	9 9	CHELSEA WAGONER	1.22	RALSTON
4	83	2	ERICK	2	28	OKEENE	1.00	12	TALOGA	1.12	THOMAS
5	80	3	PURCELL	3 3 3 3 3	28 28 17 28 29	BRISTOW GUTHRIE STILLWATER STILLWATER STILLWATER	.45	9	KINGFISHER	.74	INGALLS
6	76 76 76 76 76	3 3 3 3 3	HANNA HOLDENVILLE MCALESTER MCCURTAIN OKMULGEE	-1	17	STILWELL	1.01	8	TAHLEQUAH	1.57	TAHLEQUAH
7	84 84	3 2	HOLLIS MANGUM	6	28	CARNEGIE	1.50	8	HEADRICK	1.50	HEADRICK
8	83	3	WAURIKA	5 5 5	28 29 28	ADA ADA MARLOW	3.00	13	ARDMORE	3.25	ARDMORE
9	77	31	BOSWELL	4	17	ZOE	.95	24	BATTIEST	2.07	BROKEN BOW D

**TABLE OF 1996/1997 COMPARISONS**

JANUARY  
Temperature (oF)

JANUARY  
Precipitation (in.)

Station	1996	1997	1996	1997
Arnett	31.1	32.0	0.02	0.36
Mutual	****	32.8	****	0.33
Tulsa	35.4	35.9	0.47	0.25
Elk City	36.5	37.9	0.02	0.62
Oklahoma City	35.8	37.7	37.7	0.50
McAlester	40.1	40.1	3.13	0.01
Altus Irr Station	39.7	42.1	0.02	0.25
Ardmore	41.1	44.3	1.29	3.25
Idabel	39.2	39.9	2.57	1.99

**EXTREMES**

VARIABLE	STATION	DIVISION	OBSERVATION	DATE
Minimum temperature (oF)	Barnsdall	3	-13	17
Maximum temperature (oF)	Hollis Mangum	7 7	84 84	3 2
Maximum 24-hour precipitation	Ardmore	8	3.00"	13

**JANUARY 1997 SUMMARY FOR PANHANDLE DIVISION (CD1)**

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV			MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV		
					FROM NORM	MAX TEMP	DAY									FROM NORM	MAX 24-HR	DAY
ARNETT	332	1	32	31	-0.5	81	3	3	13	1022.5	14.5	0	0	0.36	30	*****	0.28	9
BEAVER	593	1	32.6	31	1	79	3	3	29	1003	-32	0	0	0.221	31	-0.18	0.12	9
BOISE CITY	908	1	34.4	31	0.2	79	2	-2	12	949	-6	0	0	0.092	27	*****	0.05	12
BUFFALO	1243	1	35.9	30	1.3	81	2	2	29	872	-70	0	0	0.15	31	-0.34	0.15	10
FARGO	3070	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.606	31	0.14	0.5	8
GAGE	3407	1	34	27	*****	83	2	2	28	837.5	*****	0	*****	0.025	28	*****	0.02	12
GATE	3489	1	32.8	31	0.4	79	3	3	12	999.5	-11.5	0	0	0.281	29	*****	0.13	12
GOODWELL	3628	1	33.6	31	1.7	81	4	2	12	973	-53	0	0	0.004	31	-0.27	0	14
HOOKER	4298	1	31.8	31	-1.1	78	3	2	13	1029	34	0	0	0.111	30	*****	0.11	12
KENTON	4766	1	33.6	31	1.2	80	2	-3	12	972	-39	0	0	1.352	31	1.07	0.75	11
LAVERNE	5045	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.064	31	0.53	0.9	12
RANGE	7412	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.072	31	*****	0.04	7
REGNIER	7534	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.004	31	-0.3	0	27
TURPIN	9017	1	30.9	27	*****	76	3	2	13	921	*****	0	*****	0.16	30	*****	0.12	13

**JANUARY 1997 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)**

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV			MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV		
					FROM NORM	MAX TEMP	DAY									FROM NORM	MAX 24-HR	DAY
ALVA	193	2	35	30	*****	74	2	2	28	899	*****	0	*****	0.48	30	*****	0.32	9
VANCE AFB	302	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.187	30	*****	0.16	8
BILLINGS	755	2	33.4	31	0.6	76	4	2	29	981	-17	0	0	0.412	31	-0.59	0.2	9
BLACKWELL 2E	818	2	37.9	27	*****	72	3	4	28	733	*****	0	*****	0.285	31	-0.66	0.22	9
BRAMAN	1075	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.274	31	*****	0.25	9
CEDARDALE	1620	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.456	31	*****	0.37	9
CHEROKEE	1724	2	35.1	31	0.6	72	3	4	29	926	-20	0	0	0	31	-0.85	0	31
ENID	2912	2	37	31	1.9	75	2	3	28	869	-58	0	0	0.1	31	-0.86	0.03	13
FT SUPPLY	3304	2	34.1	31	1.9	82	3	4	28	957	-60	0	0	0.55	31	0.1	0.42	9
FREEDOM	3358	2	30.8	31	-3.2	78	3	-4	29	1060	99	0	0	0.521	31	-0.02	0.42	9
GREAT SALT P	3740	2	35.5	29	*****	76	4	0	29	856.5	*****	0	*****	0.393	29	*****	0.39	9
HARDY	3909	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.194	31	*****	0.19	9
HELENA	4019	2	33.1	31	1.3	73	3	2	29	987.5	-41.5	0	0	0.354	31	-0.42	0.22	9
JEFFERSON	4573	2	36.1	31	2	74	3	1	28	896.5	-61.5	0	0	0.203	31	-0.65	0.18	8
LAMONT	5013	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.202	31	*****	0.16	9
MEDFORD	5768	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.341	31	*****	0.29	8
MORRISON	6065	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.53	31	*****	0.28	16
MUTUAL	6139	2	32.8	31	0.3	77	3	2	29	998.5	-9.5	0	0	0.33	31	-0.27	0.27	9
NEWKIRK	6278	2	34.4	31	1.2	74	4	0	28	947.5	-38.5	0	0	0.15	31	-0.72	0.15	9
ORIENTA	6751	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0	26	*****	0	31
PERRY	7012	2	39	31	3.3	77	3	4	28	809	-99	2	2	0.431	31	-0.51	0.23	9
PONCA CITY	7201	2	36.4	31	4	79	2	3	28	891	-120	4	4	0.305	31	-0.72	0.15	8
RED ROCK	7505	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.351	31	-0.55	0.23	9
WAYNOKA	9404	2	35.7	31	0.8	77	2	0	28	909.5	-23.5	0	0	0.391	31	-0.25	0.31	9
WOODWARD	9760	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.345	31	-0.2	0.34	9

**JANUARY 1997 SUMMARY FOR NORTHEAST DIVISION (CD3)**

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV		MAX TEMP	DAY	MIN TEMP	DAY	HEAT		DEV		COOL		DEV		TOT PPT	NUM OBS	DEV	
					FROM NORM	MAX					DEG DAY	FROM NORM	DEG DAY	FROM NORM	DEG DAY	FROM NORM	MAX	FROM NORM			MAX	24-HR
BARNSDALL	535	3	34	30	-0.6	78	2	-13	17	932	-10	1	1	0.742	30	*****	0.29	15				
BARTLESVILLE	548	3	34.6	31	-0.1	78	2	-8	17	941.5	2.5	0	0	0.7	31	-0.57	0.3	9				
BIXBY	782	3	35.5	31	1.5	77	3	4	29	914.5	-46.5	1.5	1.5	0	31	-1.57	0	31				
BURBANK	1256	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.454	31	-0.69	0.23	8				
CHELSEA	1717	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.14	31	*****	0.6	9				
CLAREMORE	1828	3	33.5	31	0.4	74	4	-2	17	977.5	-11.5	0.5	0.5	0.441	31	-1.16	0.3	9				
CLEVELAND 2	1902	3	36.1	31	*****	78	2	0	26	898	*****	3	*****	0.692	31	*****	0.42	9				
FORAKER	3250	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.38	31	-0.64	0.2	9				
HOLLOW	4258	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.295	31	-1.19	0.17	9				
HOMINY	4289	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.653	31	-0.6	0.34	9				
HULAH	4393	3	30.2	18	*****	78	3	-11	30	627	*****	0	*****	0.222	25	*****	0.22	16				
KANSAS	4672	3	35.4	31	-0.6	72	2	-1	17	917	18	0	0	0.954	31	-1.21	0.45	9				
KEYSTONE	4812	3	32.2	26	*****	79	3	2	18	853	*****	0.5	*****	0.611	26	*****	0.45	9				
LENAPAH	5118	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.85	31	*****	0.5	9				
MANNFORD	5522	3	37.5	29	*****	79	2	2	28	800.5	*****	3	*****	0.621	29	*****	0.4	9				
MARAMEC	5540	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.653	31	-0.62	0.38	9				
MIAMI	5855	3	28.9	28	*****	72	5	-6	17	1011	*****	0	*****	0.32	30	*****	0.32	9				
NOWATA	6485	3	32.6	31	-1.9	74	3	1	29	1004.5	58.5	0	0	0.723	31	-0.87	0.57	9				
OLOGAH	6729	3	33.4	21	*****	78	3	-1	17	664.5	*****	0	*****	0.212	21	*****	0.21	9				
PAWHUSKA	6935	3	34.5	31	0.4	77	2	-9	17	948	-10	1.5	1.5	0.884	31	-0.4	0.41	9				
PAWNEE	6940	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.7	31	-0.52	0.34	9				
PRYOR	7309	3	33.9	31	0.9	74	4	2	17	964.5	-27.5	1	1	0.575	31	-1.18	0.47	9				
RALSTON	7390	3	36.2	31	1.5	77	2	-6	17	894.5	-44.5	1.5	1.5	1.222	31	0.07	0.45	13				
SKIATOOK	8258	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.57	31	-0.8	0.4	9				
SPAVINAW	8380	3	36.4	31	-0.1	74	3	2	17	888.5	4.5	2.5	2.5	0.585	31	-1.12	0.43	9				
TULSA	8992	3	35.9	31	0.7	76	2	4	28	904	-20	2.5	2.5	0.255	31	-1.28	0.15	8				
UPPER SPAV	9101	3	34.3	26	*****	75	2	0	17	800.5	*****	2	*****	0.494	29	*****	0.37	9				
VINITA	9203	3	33.5	31	-0.1	74	3	-7	17	976.5	3.5	0	0	0.48	31	-1.32	0.4	9				
WAGONER	9247	3	36.1	30	-0.7	73	2	3	17	868	-6	0	0	0.602	30	*****	0.6	9				
WANN	9298	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.621	31	*****	0.33	9				
WYNONA	9792	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.654	31	*****	0.3	9				

**JANUARY 1997 SUMMARY FOR WEST CENTRAL DIVISION (CD4)**

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV		MAX TEMP	DAY	MIN TEMP	DAY	HEAT		DEV		COOL		DEV		TOT PPT	NUM OBS	DEV	
					FROM NORM	MAX					DEG DAY	FROM NORM	DEG DAY	FROM NORM	DEG DAY	FROM NORM	MAX	FROM NORM			MAX	24-HR
CANTON DAM	1445	4	34.8	30	1.6	74	3	6	28	904.5	-81.5	0	0	0.216	31	-0.4	0.18	9				
CLINTON	1909	4	37.7	31	1.1	77	2	7	28	845	-35	0	0	0.104	30	*****	0.03	13				
COLONY	2039	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.34	31	*****	0.27	9				
CORDELL	2125	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.323	31	-0.59	0.27	9				
ELK CITY	2849	4	37.9	31	1.7	78	2	8	12	841	-52	0	0	0.62	31	-0.07	0.35	9				
ERICK	2944	4	38.5	31	1.9	83	2	8	12	823	-57	0	0	0.531	31	0	0.31	9				
GEARY	3497	4	39.9	31	4.3	77	2	10	17	780	-131	1.5	1.5	0.15	31	-0.61	0.15	9				
HAMMON	3871	4	33.9	31	0.4	80	3	6	29	965	-12	0	0	0.51	31	-0.17	0.42	9				
LEEDEY	5090	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.35	31	-0.14	0.35	13				
MACKIE	5463	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.47	31	*****	0.34	9				
MORAVIA	6035	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.48	31	-0.23	0.22	9				
OKEENE	6629	4	36.6	31	0.4	75	2	2	28	879	-14	0	0	0.2	31	-0.57	0.2	8				
RETROP	7565	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.42	31	*****	0.22	9				
REYDON	7579	4	36.9	27	*****	79	31	5	12	758	*****	0	*****	0.55	31	0.09	0.4	9				
SAYRE	7952	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.37	31	-0.1	0.19	9				
SWEETWATER	8652	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.4	31	*****	0.33	9				
TALOGA	8708	4	36.1	30	1.3	77	2	7	12	866	-70	0	0	1.006	31	0.31	1	12				
THOMAS	8815	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.12	31	*****	0.53	12				
VICI	9172	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.571	31	-0.16	0.35	8				
WATONGA	9364	4	37.6	30	2.2	76	2	4	28	823	-95	0	0	0.426	31	-0.52	0.33	9				
WEATHERFORD	9422	4	35.5	31	1.2	76	2	7	28	913.5	-38.5	0	0	0	31	-0.82	0	31				

**JANUARY 1997 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 TEMP	DAY	MIN TEMP	DAY							FROM NORM	MAX 24-HR	DAY
AMBER	200	5	****	0	****	****	0	****	0	****	****	****	****	0.18	31	****	0.13	8
ARCADIA	288	5	****	0	****	****	0	****	0	****	****	****	****	0.133	31	****	0.13	13
BLANCHARD	830	5	39.4	31	1.1	79	3	5	28	796.5	-31.5	2.5	2.5	0.214	31	-0.9	0.17	9
BRISTOW	1144	5	38.3	31	1.5	78	2	3	28	831	-43	2	2	0.362	31	-1.02	0.27	9
CHANDLER	1684	5	39	26	****	79	2	9	12	678.5	****	3.5	****	0	24	****	0	31
CHICKASHA	1750	5	37.3	31	0	78	3	6	28	859.5	0.5	2	2	0.21	31	-0.82	0.15	9
COX CITY	2196	5	****	0	****	****	0	****	0	****	****	****	****	0.28	31	****	0.23	9
CRESCENT	2242	5	****	0	****	****	0	****	0	****	****	****	****	0.25	31	****	0.12	9
CUSHING	2318	5	36.4	29	****	77	4	10	17	829.5	****	0.5	****	0.4	29	****	0.3	9
EL RENO	2818	5	38.3	31	2.6	76	3	5	28	828.5	-79.5	1	1	0.13	31	-0.87	0.09	9
GUTHRIE	3821	5	37.1	31	0.8	79	2	3	28	864.5	-25.5	1	1	0.232	31	-0.92	0.2	9
HENNESSEY	4055	5	34.9	29	****	73	3	7	12	873	****	0	****	0.32	30	****	0.27	9
INGALLS	4489	5	****	0	****	****	0	****	0	****	****	****	****	0.742	31	****	0.37	15
KINGFISHER	4861	5	36.3	31	0.3	76	3	9	12	889.5	-9.5	0	0	0.451	31	-0.55	0.45	9
KONAWA	4915	5	****	0	****	****	0	****	0	****	****	****	****	0	31	-1.51	0	31
MARSHALL	5589	5	****	0	****	****	0	****	0	****	****	****	****	0.26	31	-0.62	0.26	9
MEEKER	5779	5	38.8	30	2.1	77	3	4	28	789	-88	3	3	0.26	31	-0.78	0.26	8
MULHALL	6110	5	****	0	****	****	0	****	0	****	****	****	****	0.401	31	****	0.21	9
NORMAN NWS	6386	5	37.5	31	-0.3	78	3	5	28	855	12	2	2	0.397	31	-0.92	0.35	8
OILTON	6616	5	****	0	****	****	0	****	0	****	****	****	****	0.005	31	****	0	15
OKEMAH	6638	5	41	31	3.5	77	3	9	28	746	-107	3	3	0.32	31	-1.13	0.25	9
OKLAHOMA CTY	6661	5	37.7	31	1.8	78	3	6	28	847	-55	2	2	0.505	31	-0.63	0.38	8
PERKINS	7003	5	****	0	****	****	0	****	0	****	****	****	****	0	27	****	0	31
PIEDMONT	7068	5	****	0	****	****	0	****	0	****	****	****	****	0.36	31	****	0.3	9
PRAGUE	7264	5	****	0	****	****	0	****	0	****	****	****	****	0.23	31	-1.2	0.18	9
PURCELL	7327	5	39.6	31	2.2	80	3	7	28	792	-64	3.5	3.5	0.265	31	-1.08	0.2	9
SEMINOLE	8042	5	39.6	31	0.8	76	3	5	28	788.5	-23.5	0	0	0.351	31	-1.13	0.28	9
SHAWNEE	8110	5	****	0	****	****	0	****	0	****	****	****	****	0.361	31	-1.01	0.32	9
STELLA	8479	5	****	0	****	****	0	****	0	****	****	****	****	0.232	31	****	0.17	9
STILLWATER	8501	5	35.2	31	1.6	78	4	3	29	925	-48	0.5	0.5	0.471	31	-0.68	0.25	9
STROUD	8563	5	****	0	****	****	0	****	0	****	****	****	****	0.302	31	****	0.2	9
TECUMSEH	8751	5	****	0	****	****	0	****	0	****	****	****	****	0.121	31	****	0.12	12
TROUSDALE	8960	5	****	0	****	****	0	****	0	****	****	****	****	0.25	31	****	0.17	9
UNION CITY	9086	5	****	0	****	****	0	****	0	****	****	****	****	0.331	31	-1.03	0.22	9
WELTY	9479	5	****	0	****	****	0	****	0	****	****	****	****	0.49	31	****	0.37	9
WEWOKA	9575	5	****	0	****	****	0	****	0	****	****	****	****	0.256	31	-1.19	0.25	9

**JANUARY 1997 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 TEMP	DAY	MIN TEMP	DAY							FROM NORM	MAX 24-HR	DAY
BEGGS	631	6	****	0	****	****	0	****	0	****	****	****	****	0.3	31	****	0.3	8
CALVIN	1391	6	****	0	****	****	0	****	0	****	****	****	****	0	31	-1.6	0	31
CHECOTAH	1711	6	****	0	****	****	0	****	0	****	****	****	****	0.444	31	-1.19	0.43	9
CLAYTON	1858	6	****	0	****	****	0	****	0	****	****	****	****	0.54	31	****	0.45	9
DEWAR	2485	6	****	0	****	****	0	****	0	****	****	****	****	0.213	31	-1.37	0.15	9
DUSTIN	2690	6	****	0	****	****	0	****	0	****	****	****	****	0.26	31	****	0.26	9
EUFULA	2993	6	38.8	30	-0.1	72	3	6	28	785.5	-23.5	0	0	0.45	30	****	0.45	9
HANNA	3884	6	39.1	31	1.1	76	3	6	28	805	-32	2.5	2.5	0.275	31	-1.46	0.25	9
HARTSHORNE	3946	6	****	0	****	****	0	****	0	****	****	****	****	0.43	31	****	0.43	9
HASKELL	3956	6	****	0	****	****	0	****	0	****	****	****	****	0.23	31	-1.63	0.21	9
HOLDENVILLE	4235	6	39.1	31	0.8	76	3	5	28	803	-25	0	0	0.32	31	-1.09	0.32	9
LAKE EUFAULA	4975	6	36.5	31	****	75	4	4	29	882.5	****	0	****	0.501	31	****	0.5	9
LYONS	5437	6	****	0	****	****	0	****	0	****	****	****	****	0.532	31	-1.26	0.39	9
MCALISTER	5664	6	40.1	26	****	76	3	9	28	650	****	2.5	****	0.018	29	****	0.01	15
MCCURTAIN	5693	6	37.8	31	-1.5	76	3	1	17	845.5	48.5	2	2	0.633	31	-1.53	0.33	9
MUSKOGEE	6130	6	38.1	31	0.8	74	4	5	28	835.5	-23.5	1	1	0.471	31	-1.33	0.39	8
OKMULGEE	6670	6	35.3	29	****	76	4	3	17	861	****	0.5	****	0.302	29	****	0.2	9
OKTAHA	6678	6	****	0	****	****	0	****	0	****	****	****	****	0.541	31	****	0.45	9
QUINTON	7372	6	****	0	****	****	0	****	0	****	****	****	****	0.317	31	-1.63	0.26	8
SALLISAW	7862	6	36.3	31	-1.6	74	4	5	17	889.5	49.5	0	0	0.57	31	-1.43	0.4	9
SCPIO	7979	6	****	0	****	****	0	****	0	****	****	****	****	0.31	31	****	0.31	9
SCRAPER	7993	6	****	0	****	****	0	****	0	****	****	****	****	0	31	****	0	31
SHORT	8170	6	****	0	****	****	0	****	0	****	****	****	****	1.12	31	****	0.52	9
STILWELL	8506	6	36.2	30	-0.2	70	2	-1	17	863.5	-23.5	0	0	0.772	30	****	0.51	9
TAHLQUAH	8677	6	36.6	31	0.3	73	3	0	17	879.5	-10.5	0	0	1.574	31	-0.44	1.01	8
WEBBERS FALL	9445	6	36.8	31	1.5	76	4	5	18	874.5	-46.5	0	0	0.593	31	-1.22	0.53	9
WESTVILLE	9523	6	****	0	****	****	0	****	0	****	****	****	****	0.33	31	****	0.33	22
WETUMKA	9571	6	****	0	****	****	0	****	0	****	****	****	****	0.272	31	-1.22	0.27	9



**JANUARY 1997 SUMMARY FOR SOUTHWEST DIVISION (CD7)**

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ALTUS	179	7	42.1	30	2.6	83	2	10	28	689.5	-101.5	3	3	0.25	31	-0.59	0.1	12
ALTUS DAM	184	7	39.8	30	3.3	81	3	10	13	757.5	-129.5	0	0	0.42	31	-0.35	0.16	12
ANADARKO	224	7	34.7	29	*****	77	4	7	29	878	*****	0	*****	0.342	31	-0.69	0.34	8
APACHE	260	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.66	31	-0.44	0.43	9
ALTUS AFB	447	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.523	30	*****	0.19	8
CARNEGIE	1504	7	38.2	31	1.4	76	2	6	28	830	-44	0	0	0.35	31	-0.58	0.25	8
CHATTANOOGA	1706	7	41.4	31	2.7	82	3	9	28	733	-82	2.5	2.5	0.27	31	-0.69	0.17	9
DUNCAN 11 W	2668	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.222	31	*****	0.18	9
FREDERICK	3353	7	39.2	30	1.5	82	4	12	28	775	-71	2	2	0.06	30	****	0.05	9
HEADRICK	3998	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.5	31	****	1.5	8
HOBART	4204	7	38.1	25	*****	77	2	9	28	680.5	*****	7.5	*****	0.025	27	*****	0.02	8
HOLLIS	4249	7	39.2	31	0.7	84	3	7	13	800.5	-21.5	1.5	1.5	0.44	31	-0.15	0.2	9
LAWTON	5063	7	38.6	31	1.8	80	4	11	27	821.5	-52.5	2	2	0.03	31	-1.03	0.03	1
LOOKEBA	5329	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.301	31	-0.68	0.24	9
MANGUM	5509	7	40.7	31	2.5	84	2	10	27	753.5	-77.5	1	1	0	31	-0.75	0	31
RANDLETT	7403	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.424	31	*****	0.16	9
ROOSEVELT	7727	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0	31	-0.86	0	31
SEDAN	8016	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.35	31	****	0.2	9
SNYDER	8299	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.38	31	-0.52	0.25	9
VINSON	9212	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.65	31	0.17	0.43	9
WALTERS	9278	7	41.8	30	2.2	81	3	10	28	700.5	-86.5	4	4	0.22	31	-1.15	0.22	9
WICHITA MT	9629	7	37.5	31	1.9	77	4	8	28	854	-57	0.5	0.5	0.45	31	-0.73	0.25	9
WILLOW	9668	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.692	31	*****	0.26	12

**JANUARY 1997 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)**

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ADA	17	8	38.7	31	-0.3	76	3	5	29	816	10	1	1	0.292	31	-1.17	0.26	9
ALLEN	147	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0	31	*****	0	31
ARDMORE	292	8	44.3	31	2.6	81	3	11	28	648	-74	6.5	6.5	3.25	31	1.79	3	13
ATOKA DAM	394	8	39.7	21	*****	77	6	11	29	531	*****	0	*****	0.581	21	****	0.38	9
BOKCHITO	917	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.651	31	*****	0.65	24
CENTRAHOMA	1648	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.3	31	****	0.3	24
CHICKASAW	1745	8	38.1	31	1.4	77	4	7	28	833	-44	0	0	0.46	31	-0.98	0.26	21
COLEMAN	2011	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.27	31	****	0.27	24
COMANCHE	2054	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.28	31	-0.95	0.24	9
DAISY	2354	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.97	31	-1.35	0.43	21
DUNCAN	2660	8	38.3	31	0.8	81	4	9	29	831	-22	2	2	0.3	31	-0.89	0.24	9
DURANT	2678	8	40.7	31	2.5	76	4	11	29	756	-75	2	2	0.25	31	-1.75	0.1	12
ELMORE CITY	2872	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.33	31	****	0.33	9
GRADY	3688	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.35	31	****	0.35	9
HEALDTON	4001	8	39.1	21	*****	73	31	9	28	543.5	*****	0	*****	0.341	24	****	0.2	8
HENNEPIN	4052	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.12	31	****	0.12	9
KETCHUM RAN	4780	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.22	31	****	0.11	8
KINGSTON	4865	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.642	31	-1.31	0.33	8
LEHIGH	5108	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.454	31	****	0.35	10
LINDSAY	5216	8	40.1	31	1.9	80	3	8	28	773.5	-57.5	3	3	0.202	31	-1.07	0.2	9
LOCO	5247	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.19	31	****	0.11	8
MADILL	5468	8	41.3	27	*****	77	31	10	29	643.5	*****	4	*****	0.59	30	****	0.28	23
MARIETTA	5563	8	40.6	26	*****	78	31	12	28	638	*****	3.5	*****	0.881	31	-0.56	0.44	23
MARLOW	5581	8	40	31	1.6	81	3	5	28	778.5	-46.5	3	3	0.251	31	-0.82	0.21	9
MC GEE CREEK	5713	8	39.4	31	*****	77	4	9	28	795.5	*****	2	*****	0.96	31	*****	0.49	24
PAULS VALLEY	6926	8	39.9	31	1.1	80	3	7	28	783	-29	3.5	3.5	0.1	31	-1.37	0.1	8
PONTOTOC	7214	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.441	31	-1.1	0.21	8
TISHOMINGO	8884	8	41.2	31	1.3	77	31	7	29	738.5	-39.5	2	2	0.39	31	-1.33	0.2	9
TUSSY	9032	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0	31	****	0	31
WAURIKA	9395	8	41.9	31	1.4	83	3	11	28	720.5	-39.5	5.5	5.5	0.005	31	-1.1	0	31
WAURIKA DAM	9399	8	38.1	16	*****	80	3	11	28	431	*****	1	*****	0.403	31	****	0.25	9

### JANUARY 1997 SUMMARY FOR SOUTHEAST DIVISION (CD9)

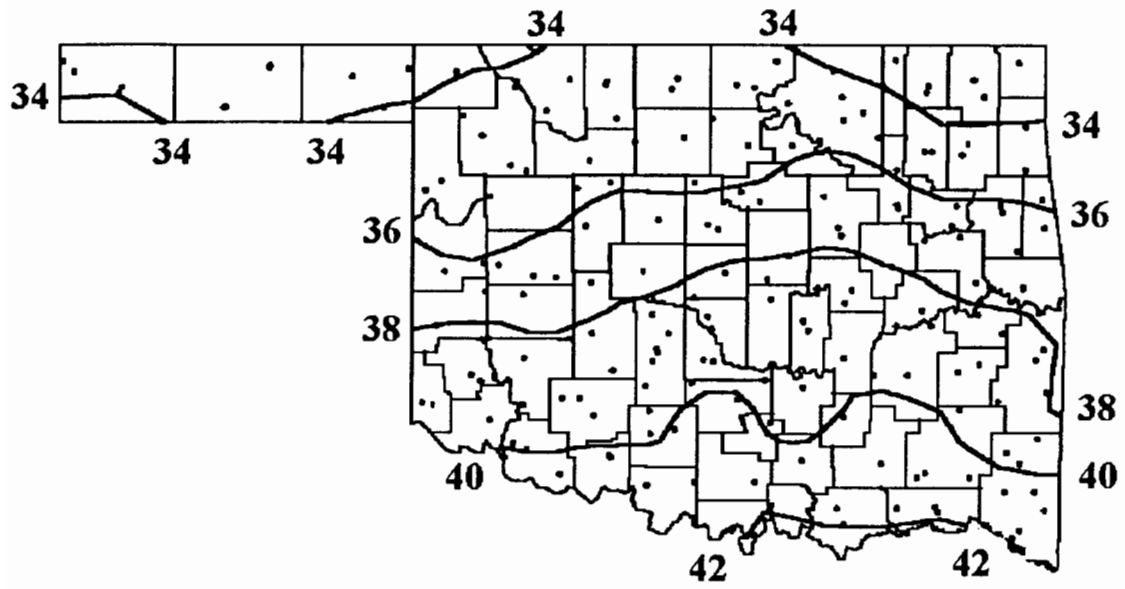
NAME	ID	CD	MEAN TEMP	NUM OBS	DEV		MIN TEMP	DAY	HEAT DEG	DEV FROM NORM	COOL DEG	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY	
					FROM NORM	MAX TEMP												
ANTLERS	256	9	41.1	31	0.9	75	31	11	29	741	-28	0	0	*****	0	*****	*****	0
BATTIEST	567	9	37.9	31	*****	70	3	8	17	840	*****	0	*****	1.92	31	*****	0.95	24
BEAR MT	584	9	41.4	30	-0.1	72	5	12	17	708.5	-20.5	0	0	1.27	31	-1.25	0.4	15
BENGAL	670	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.62	31	*****	0.42	9
BOSWELL	980	9	41.2	31	0.8	77	31	11	29	739	-24	1.5	1.5	0.753	31	-1.29	0.4	24
BROKEN BOW	1162	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.06	31	-0.5	0.74	23
BROKEN BOW D	1168	9	39.7	31	0.4	76	3	11	17	785.5	-11.5	0	0	2.071	31	-0.81	0.73	23
CARNASAW	1499	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.823	31	-1	0.63	24
CARTER TWR	1544	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.03	31	-1.56	0.26	15
FANSHAWE	3065	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.692	31	-1.49	0.32	9
HEAVENER	4008	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.64	31	-1.52	0.38	24
HUGO	4384	9	42.8	31	0.9	75	3	12	28	695.5	-20.5	6	6	0.8	31	-1.36	0.21	24
IDABEL	4451	9	39.9	31	0	76	4	10	18	779	1	2	2	1.993	31	-0.73	0.78	24
PINE CREEK	7080	9	38.6	20	*****	76	6	9	21	527.5	*****	0	*****	1.251	28	*****	0.44	9
POTEAU	7254	9	38.6	30	*****	75	3	7	17	793.5	*****	2	*****	1.06	31	*****	0.46	8
SMITHVILLE	8285	9	38.2	31	-0.5	74	2	8	30	830	15	0	0	0.558	31	-2.42	0.55	25
SPIRO	8416	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	0.79	31	-1.29	0.52	9
TUSKAHOMA	9023	9	41.4	31	1.1	76	3	8	29	735	-31	4.5	4.5	0.832	31	-1.19	0.33	9
VALLIANT	9118	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.241	31	-1.07	0.36	24
WILBURTON	9634	9	39.1	31	0.7	76	3	6	17	802	-23	0	0	0.41	31	-1.83	0.2	8
ZOE	9985	9	36.3	30	-0.2	71	5	4	17	862	-22	1	1	1.46	31	-1.12	0.85	22

### JANUARY 1997 CLIMATE DIVISION SUMMARY

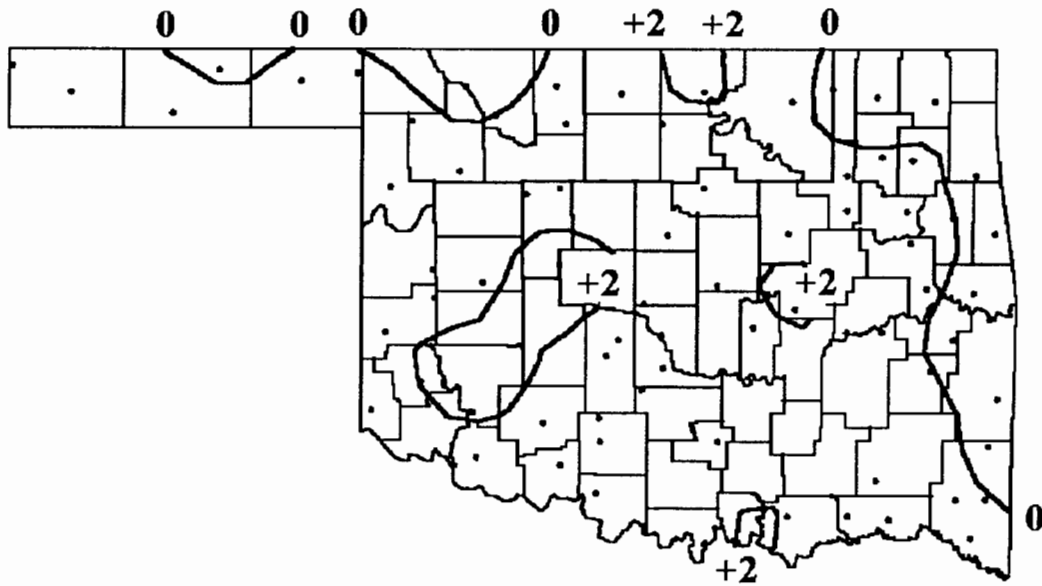
CD	MEAN TEMP	NUM STA	DEV		MIN TEMP	DAY	HEAT DEG DAYS	DEV FROM NORM	COOL DEG DAYS	DEV FROM NORM	TOT PPT	NUM STA	DEV FROM NORM	MAX 24-HR	DAY	
			FROM NORM	MAX TEMP												
1	33.4	8	0.4	83	2	-3	12	977.5	-15.3	0	0	0.43	8	0.03	0.9	12
2	34.8	13	1.3	82	3	-4	29	933.2	-41.5	0.5	0.5	0.32	21	-0.46	0.42	9
3	34.9	14	0.5	79	2	-13	17	930.6	-18.9	1.1	1.1	0.63	23	-0.83	0.6	9
4	36.9	10	1.4	83	2	2	28	864	-52.5	0.2	0.2	0.45	20	-0.25	1	12
5	38.2	13	1.5	80	3	3	29	831.7	-46.9	1.7	1.7	0.29	32	-0.93	0.45	9
6	37.5	10	0.3	76	4	-1	17	846.4	-13	0.6	0.6	0.45	24	-1.35	1.01	8
7	39.9	10	2.2	84	2	6	28	771.5	-76.7	1.6	1.6	0.4	20	-0.51	1.5	8
8	40.2	11	1.1	83	3	5	28	770.3	-32.5	2.8	2.8	0.46	28	-1.09	3	13
9	39.8	12	0.1	77	31	4	17	775.9	-8.3	1.4	1.4	1.16	19	-1.25	0.95	24

MESONET MONTHLY SUMMARY FOR JANUARY 1997

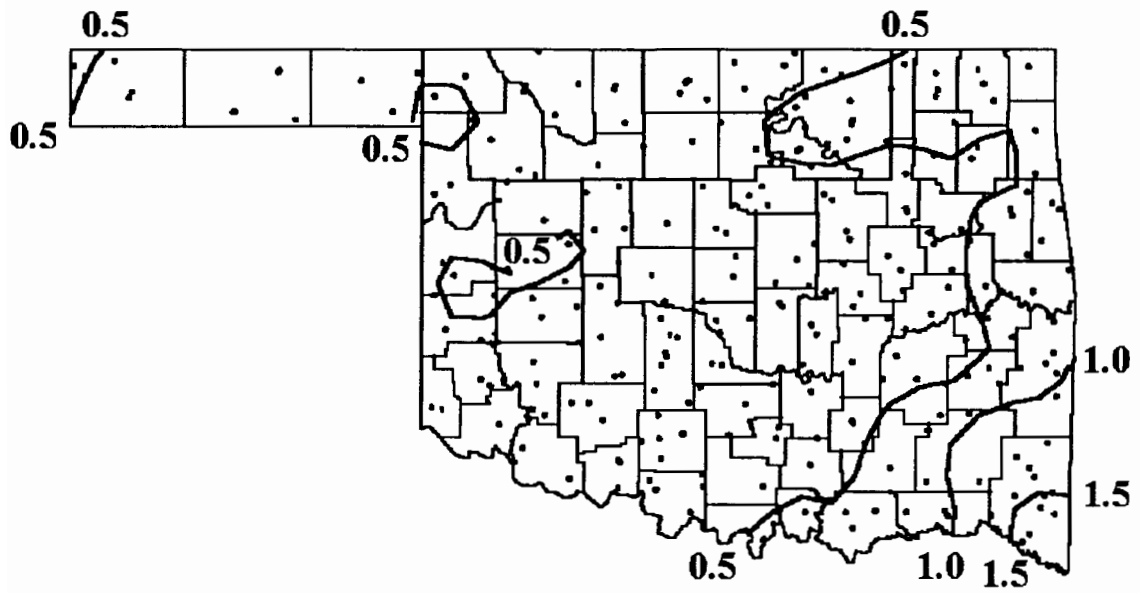
NAME	MEAN TEMP	MAX TEMP	MIN		HDD		CDD	TOT PPT	MAX 24-HR	DAY	NAME	MEAN TEMP	MAX TEMP	MIN		HDD		CDD	TOT PPT	MAX 24-HR	DAY
<b>PANHANDLE</b>																					
ARNETT	35.8	85	2	6	12	905	0	.33	.30	9	GOODWELL	33.1	80	3	3	12	988	0	.20	.20	15
BEAVER	32.7	79	2	3	28	1000	0	.21	.12	9	HOOKER	33.5	81	2	4	12	975	0	.21	.21	15
BOISE CITY	33.6	82	2	0	12	972	0	.05	.05	15	KENTON	34.0	81	2	0	12	962	0	.06	.04	14
BUFFALO	34.5	82	2	4	28	944	0	.22	.13	9	SLAPOUT	34.8	81	2	4	28	935	0	.28	.14	9
<b>NORTH CENTRAL</b>																					
ALVA	34.5	73	2	6	28	944	0	.36	.33	9	MAY RANCH	34.4	76	2	4	28	948	0	.36	.22	9
BLACKWELL	35.2	77	3	3	28	924	1	.18	.16	9	MEDFORD	35.2	73	2	4	28	923	0	.19	.17	9
BRECKENRIDGE	35.7	75	2	4	28	910	1	.20	.15	9	NEWKIRK	34.3	76	2	-1	28	950	0	.37	.18	9
CHEROKEE	34.2	71	2	6	28	954	0	.25	.22	9	RED ROCK	35.8	79	2	4	17	910	4	.50	.21	15
FAIRVIEW	35.8	74	2	3	28	904	0	.28	.16	9	SEILING	35.9	79	2	5	28	902	0	.37	.22	9
FREEDOM	35.2	81	2	5	28	925	0	.61	.50	9	WOODWARD	36.1	84	2	4	28	898	3	.35	.28	9
LAHOMA	35.3	73	2	5	28	920	0	.21	.10	9											
<b>NORTHEAST</b>																					
BIXBY	36.7	76	2	6	28	883	4	.27	.22	9	NOWATA	32.8	75	2	-7	17	1000	3	.46	.22	19
BURBANK	33.8	78	2	-1	17	968	0	.58	.17	9	PAWNEE	36.1	80	2	0	17	900	4	.37	.15	18
CLAREMORE	36.2	79	2	2	17	899	5	.36	.18	19	PRYOR	35.0	75	2	-2	16	936	6	.24	.14	9
COPAN	33.3	76	2	0	16	983	0	.45	.17	19	SKIATOOK	36.1	79	2	3	28	902	5	.40	.32	19
FORKER	33.9	78	2	0	28	967	3	.31	.25	19	TULLAHASSEE	36.7	74	3	5	28	879	2	.36	.33	9
JAY	34.0	75	2	-3	16	962	3	.52	.22	19	VINITA	32.4	73	2	-6	17	1013	1	.47	.23	9
MIAMI	32.5	73	2	-6	17	1007	0	.75	.28	19	WYNONA	35.4	80	2	-2	17	924	5	.61	.23	9
<b>WEST CENTRAL</b>																					
BESSIE	38.3	80	2	9	28	829	1	.42	.24	9	PUTNAM	*****	***	0	****	***	*****	0	.14	.08	9
BUTLER	37.2	81	2	8	28	862	0	.51	.26	9	RETROP	38.0	79	2	9	12	838	0	.13	.11	9
CAMARGO	34.7	80	2	3	28	940	0	.28	.25	9	WATONGA	36.1	74	2	5	28	896	0	.35	.16	9
CHEYENNE	36.6	80	2	7	12	880	0	.64	.41	9	WEATHERFORD	35.5	74	2	6	28	915	0	.30	.24	9
ERICK	37.3	82	2	9	12	859	0	.49	.32	9											
<b>CENTRAL</b>																					
ACME	40.0	82	3	9	28	780	5	.23	.18	9	MINCO	38.3	79	3	6	28	832	3	.44	.30	9
BOWLEGS	39.2	78	3	6	28	804	5	.27	.20	9	NINNEKAH	39.5	82	3	9	28	795	5	.20	.17	9
BRISTOW	38.4	80	2	6	17	833	8	.29	.21	9	NORMAN	39.2	80	3	7	28	804	6	.32	.26	9
CHANDLER	37.5	78	2	4	28	856	4	.34	.26	9	OILTON	36.6	80	2	2	16	888	8	.21	.11	18
CHICKASHA	39.1	80	3	9	28	808	4	.23	.18	9	OKEMAH	39.0	77	3	7	28	809	4	.32	.28	9
EL RENO	37.4	79	2	5	28	859	2	.22	.15	9	PERKINS	35.9	77	2	4	28	903	2	.10	.03	9
GUTHRIE	37.7	79	2	5	28	852	6	.43	.18	9	SHAWNEE	39.0	78	3	6	28	812	5	.24	.21	9
KINGFISHER	36.0	76	2	4	28	900	1	.31	.16	9	SPENCER	39.1	81	2	5	28	810	8	.45	.15	18
MARENA	36.4	80	2	4	28	890	3	.19	.09	15	STILLWATER	35.5	79	2	0	17	918	3	.22	.17	9
MARSHALL	35.0	75	2	4	28	931	1	.30	.11	9	WASHINGTON	39.3	79	3	8	28	802	4	.18	.14	9
<b>EAST CENTRAL</b>																					
CALVIN	39.9	78	3	8	29	784	5	.29	.29	9	SALLISAW	38.6	77	3	7	17	818	0	.43	.24	9
COOKSON	37.0	75	3	0	16	869	1	.51	.31	9	STIGLER	39.6	77	3	9	17	791	4	.53	.45	9
EUFULA	39.7	76	3	8	28	789	4	.36	.29	9	STUART	40.0	77	3	8	28	777	3	.38	.29	9
HASKELL	37.8	76	3	6	28	846	3	.17	.16	9	TAHLEQUAH	36.3	75	2	0	11	892	4	.37	.22	9
MCALESTER	39.8	76	3	9	28	783	3	.47	.44	9	WEBBERS FALLS	38.8	68	31	8	28	236	0	*****	*****	0
OKMULGEE	37.1	76	3	4	17	868	4	.29	.22	9	WESTVILLE	36.1	73	3	1	17	895	0	.43	.14	9
<b>SOUTHWEST</b>																					
ALTUS	39.5	83	2	11	12	795	4	.26	.19	9	HOLLIS	38.8	85	3	6	13	815	2	.41	.25	9
APACHE	38.5	79	3	8	28	822	2	.25	.18	9	MANGUM	38.3	82	2	11	12	828	1	.38	.25	9
FORT COBB	39.1	81	2	10	28	806	3	.29	.16	9	MEDICINE PARK	41.2	80	2	11	28	742	3	.28	.20	9
GRANDFIELD	40.9	83	3	9	28	750	4	.28	.21	9	TIPTON	40.9	83	3	13	12	753	5	.22	.19	9
HINTON	36.8	77	2	5	28	875	0	.20	.11	9	WALTERS	40.7	82	3	10	28	757	5	.22	.15	9
HOBART	37.6	77	2	9	28	849	0	.38	.21	9											
<b>SOUTH CENTRAL</b>																					
ADA	39.9	77	3	7	28	782	3	.25	.21	9	LANE	41.2	77	3	12	28	738	1	.83	.41	23
ARDMORE	42.4	81	3	12	28	707	6	.02	.01	1	MADILL	43.2	80	3	13	28	682	6	.67	.30	9
BURNEYVILLE	41.0	80	3	7	29	747	4	.48	.35	9	PAULS VALLEY	41.2	82	3	10	28	744	7	.23	.15	9
BYARS	39.4	76	3	6	28	796	2	.30	.26	9	RINGLING	41.1	81	3	11	28	746	5	.36	.35	9
CENTRAHOMA	40.0	77	3	9	17	754	3	.41	.26	9	SULPHUR	39.9	77	3	8	28	783	4	.22	.21	9
DURANT	42.4	78	31	13	28	704	4	.86	.48	23	TISHOMINGO	39.8	76	3	8	29	784	3	.40	.32	9
KETCHUM RANCH	39.6	80	3	8	28	790	3	.22	.16	9	WAURIKA	41.4	83	3	11	28	737	6	.31	.16	9
<b>SOUTHEAST</b>																					
ANTLERS	39.8	77	31	6	29	781	0	.70	.29	9	IDABEL	41.9	76	31	14	18	716	0	1.63	.64	8
BROKEN BOW	42.9	78	4	14	18	684	0	1.71	.64	8	MT HERMAN	40.7	74	3	12	17	757	2	1.01	.37	9
CLAYTON	40.4	75	3	9	17	767	3	1.01	.35	9	TALIHINA	40.4	76	3	10	17	768	5	1.09	.46	23
CLOUDY	40.0	74	3	12	17	774	0	1.38	.71	23	WILBURTON	38.7	74	3	8	17	817	3	.43	.34	9
HUGO	42.4	77	31	13	28	702	0	.88	.36	9	WISTER	39.8	75	3	9	17	783	2	.71	.30	9



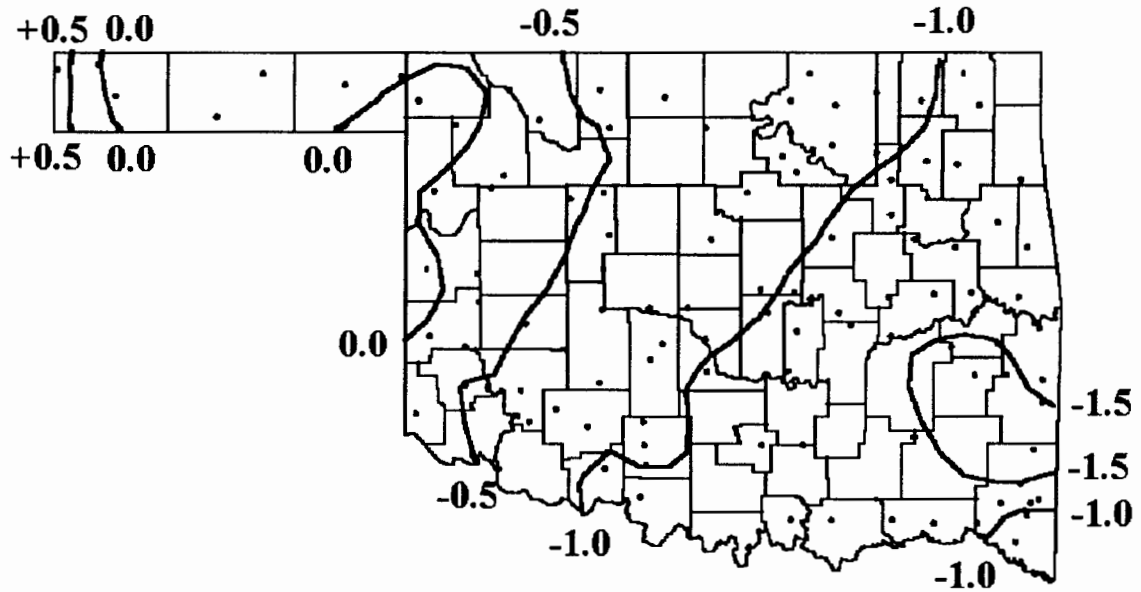
**JANUARY 1997 AVERAGE MONTHLY TEMPERATURE  
(°F)**



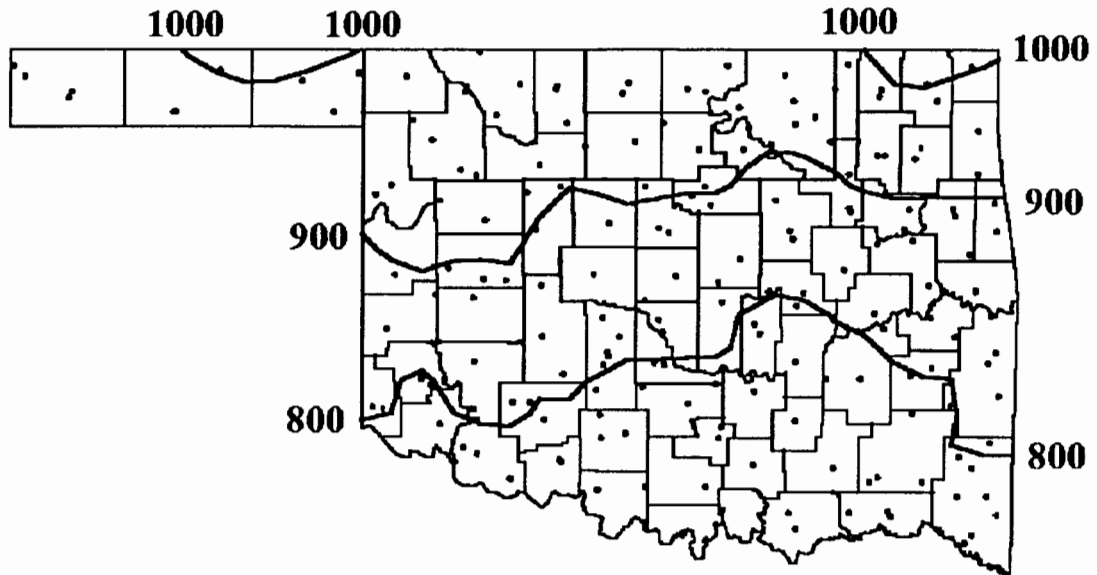
**JANUARY 1997 DEPARTURE FROM NORMAL TEMPERATURE  
(°F)**



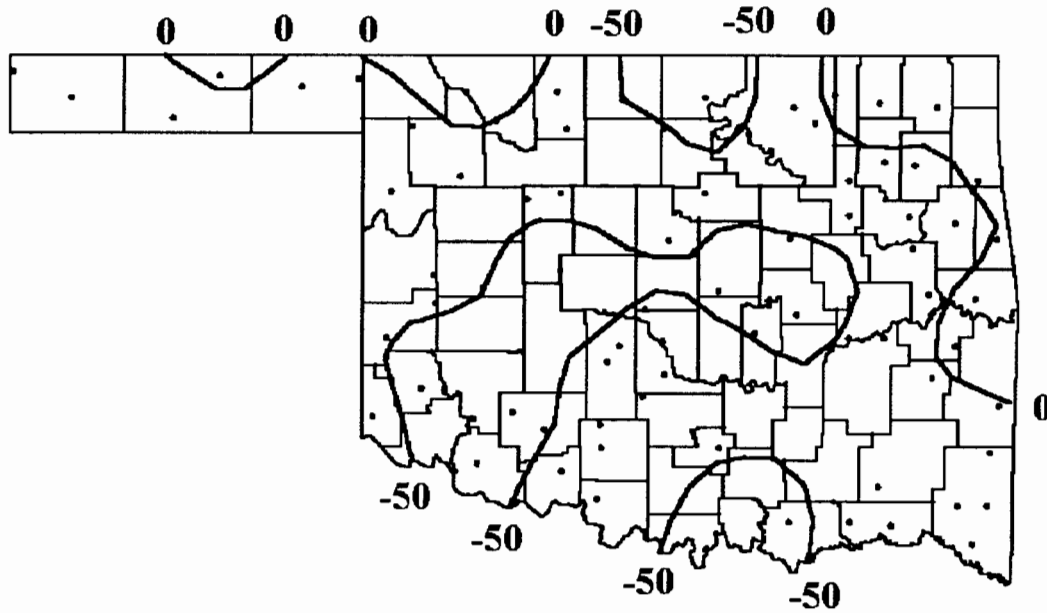
**JANUARY 1997 TOTAL PRECIPITATION  
(INCHES)**



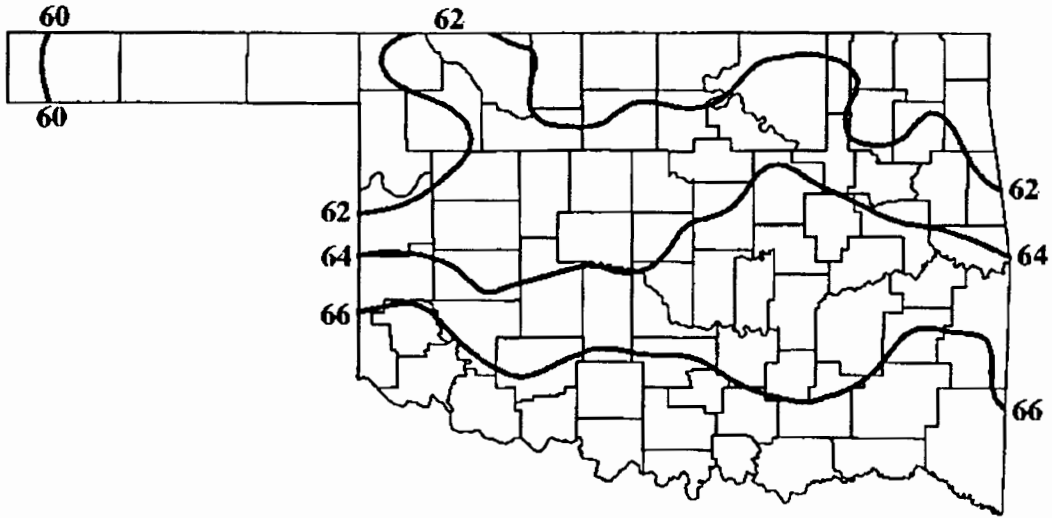
**JANUARY 1997 DEPARTURE FROM NORMAL PRECIPITATION  
(INCHES)**



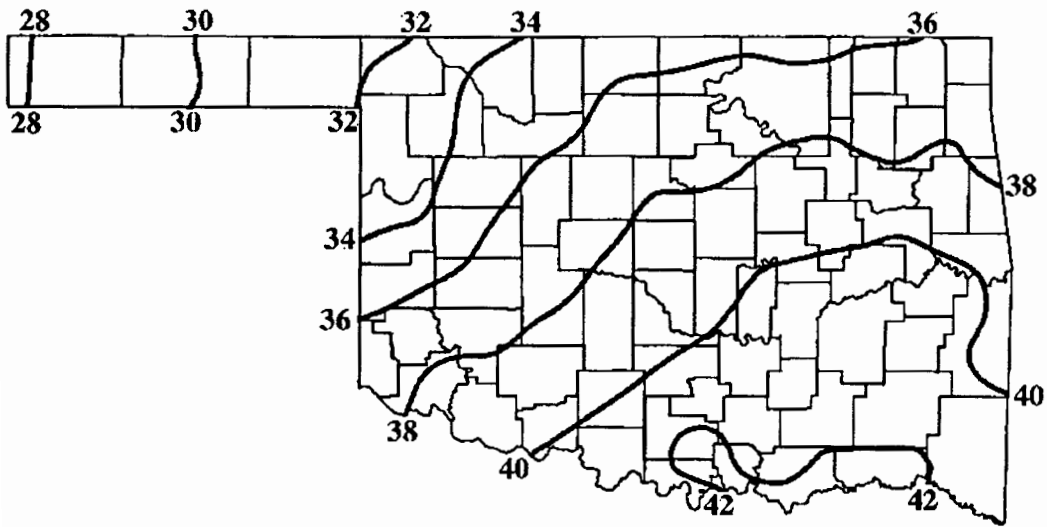
**JANUARY 1997 ACCUMULATED HEATING DEGREE DAYS  
(°F)**



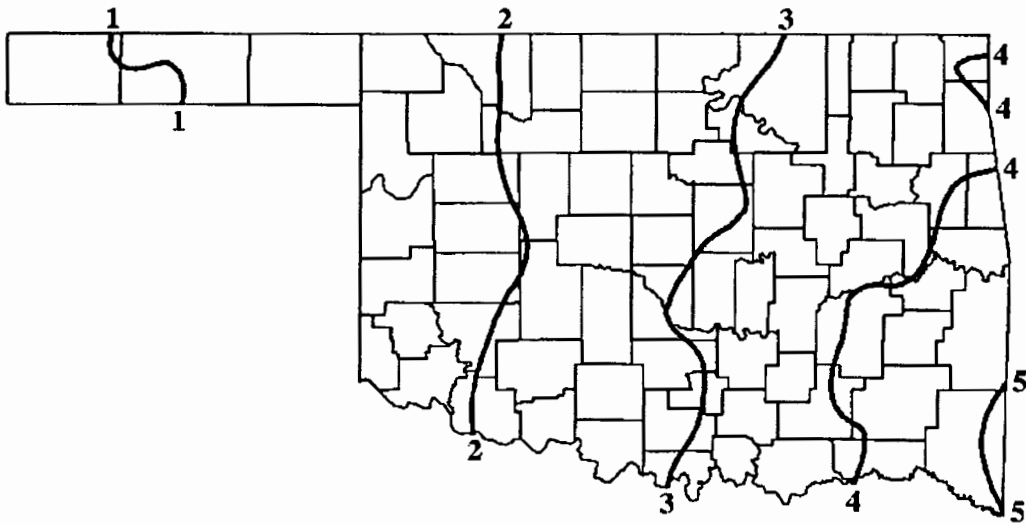
**JANUARY 1997 DEPARTURE FROM NORMAL HEATING DEGREE DAYS  
(°F)**



**MARCH NORMAL DAILY MAXIMUM TEMPERATURE (°F)**



**MARCH NORMAL DAILY MINIMUM TEMPERATURE (°F)**



**MARCH NORMAL MONTHLY PRECIPITATION (inches)**

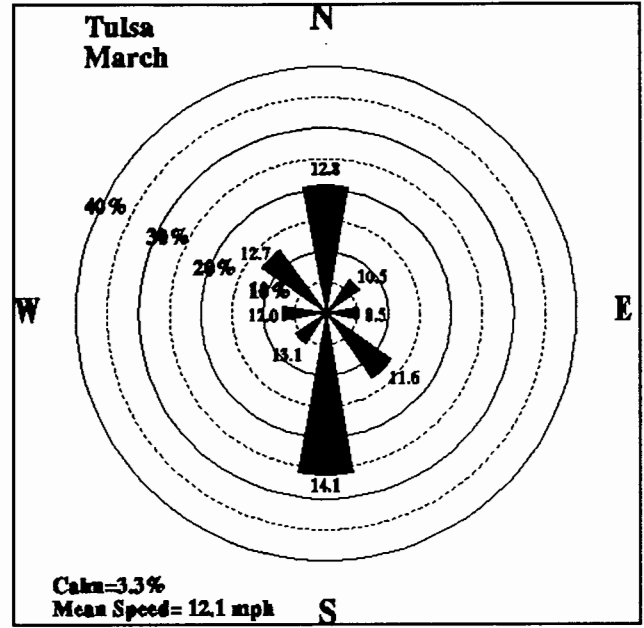
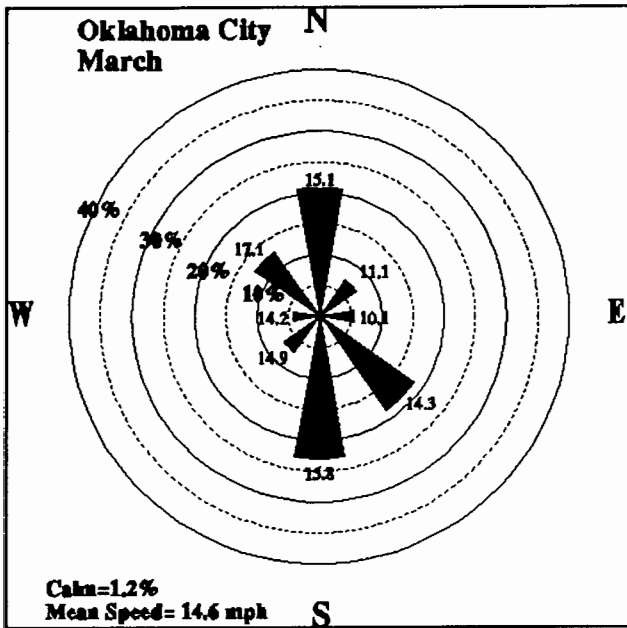
**OUTLOOK FOR FEBRUARY THROUGH APRIL 1997**

BASED ON SEASONAL OUTLOOKS PROVIDED BY THE CLIMATE PREDICTION CENTER

**TEMPERATURE: Near Normal Statewide**

**PRECIPITATION: Near Normal Statewide**





March 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.

MARCH 1997 SUNRISE AND SUNSET

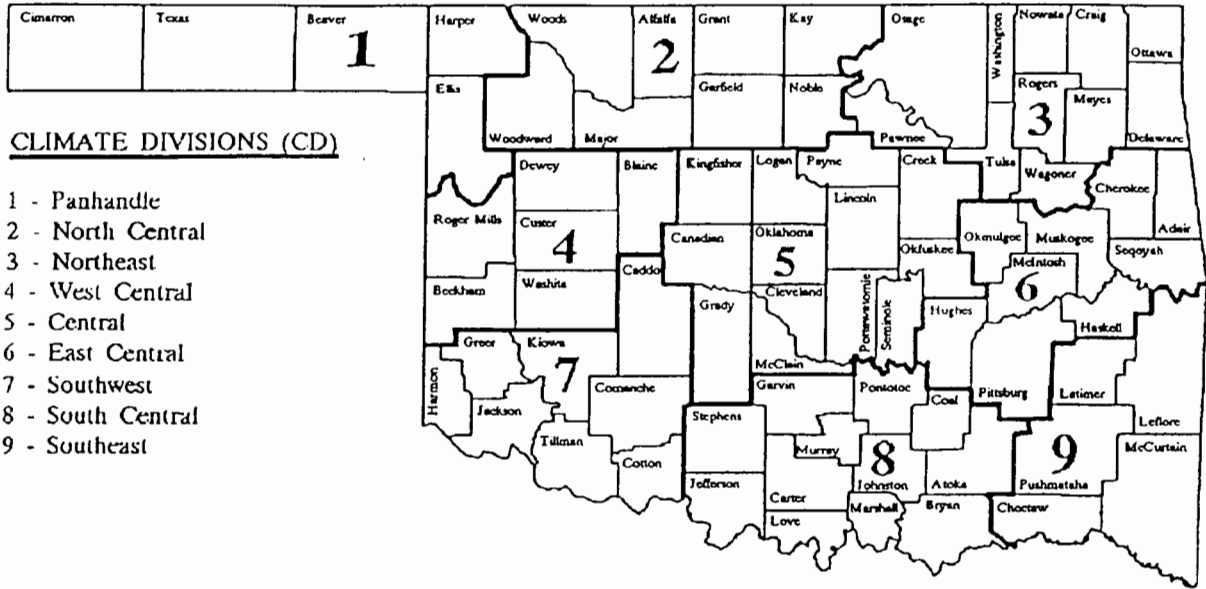
OKLAHOMA CITY

DATE	SUNRISE	SUNSET	DAYLIGHT
97 3 1	7:02AM	6:25PM CST	11 hrs 23 mins
97 3 2	7:00AM	6:26PM CST	11 hrs 25 mins
97 3 3	6:59AM	6:26PM CST	11 hrs 27 mins
97 3 4	6:58AM	6:27PM CST	11 hrs 29 mins
97 3 5	6:57AM	6:28PM CST	11 hrs 32 mins
97 3 6	6:55AM	6:29PM CST	11 hrs 34 mins
97 3 7	6:54AM	6:30PM CST	11 hrs 36 mins
97 3 8	6:53AM	6:31PM CST	11 hrs 38 mins
97 3 9	6:51AM	6:32PM CST	11 hrs 41 mins
97 3 10	6:50AM	6:33PM CST	11 hrs 43 mins
97 3 11	6:48AM	6:33PM CST	11 hrs 45 mins
97 3 12	6:47AM	6:34PM CST	11 hrs 47 mins
97 3 13	6:46AM	6:35PM CST	11 hrs 49 mins
97 3 14	6:44AM	6:36PM CST	11 hrs 52 mins
97 3 15	6:43AM	6:37PM CST	11 hrs 54 mins
97 3 16	6:41AM	6:38PM CST	11 hrs 56 mins
97 3 17	6:40AM	6:38PM CST	11 hrs 58 mins
97 3 18	6:39AM	6:39PM CST	12 hrs 01 mins
97 3 19	6:37AM	6:40PM CST	12 hrs 03 mins
97 3 20	6:36AM	6:41PM CST	12 hrs 05 mins
97 3 21	6:34AM	6:42PM CST	12 hrs 07 mins
97 3 22	6:33AM	6:43PM CST	12 hrs 10 mins
97 3 23	6:31AM	6:43PM CST	12 hrs 12 mins
97 3 24	6:30AM	6:44PM CST	12 hrs 14 mins
97 3 25	6:29AM	6:45PM CST	12 hrs 16 mins
97 3 26	6:27AM	6:46PM CST	12 hrs 19 mins
97 3 27	6:26AM	6:47PM CST	12 hrs 21 mins
97 3 28	6:24AM	6:47PM CST	12 hrs 23 mins
97 3 29	6:23AM	6:48PM CST	12 hrs 25 mins
97 3 30	6:21AM	6:49PM CST	12 hrs 28 mins
97 3 31	6:20AM	6:50PM CST	12 hrs 30 mins

TULSA

DATE	SUNRISE	SUNSET	DAYLIGHT
97 3 1	6:56AM	6:17PM CST	11 hrs 22 mins
97 3 2	6:54AM	6:18PM CST	11 hrs 24 mins
97 3 3	6:53AM	6:19PM CST	11 hrs 26 mins
97 3 4	6:52AM	6:20PM CST	11 hrs 28 mins
97 3 5	6:50AM	6:21PM CST	11 hrs 31 mins
97 3 6	6:49AM	6:22PM CST	11 hrs 33 mins
97 3 7	6:48AM	6:23PM CST	11 hrs 35 mins
97 3 8	6:46AM	6:24PM CST	11 hrs 38 mins
97 3 9	6:45AM	6:25PM CST	11 hrs 40 mins
97 3 10	6:43AM	6:25PM CST	11 hrs 42 mins
97 3 11	6:42AM	6:26PM CST	11 hrs 44 mins
97 3 12	6:41AM	6:27PM CST	11 hrs 47 mins
97 3 13	6:39AM	6:28PM CST	11 hrs 49 mins
97 3 14	6:38AM	6:29PM CST	11 hrs 51 mins
97 3 15	6:36AM	6:30PM CST	11 hrs 54 mins
97 3 16	6:35AM	6:31PM CST	11 hrs 56 mins
97 3 17	6:33AM	6:32PM CST	11 hrs 58 mins
97 3 18	6:32AM	6:32PM CST	12 hrs 01 mins
97 3 19	6:30AM	6:33PM CST	12 hrs 03 mins
97 3 20	6:29AM	6:34PM CST	12 hrs 05 mins
97 3 21	6:28AM	6:35PM CST	12 hrs 07 mins
97 3 22	6:26AM	6:36PM CST	12 hrs 10 mins
97 3 23	6:25AM	6:37PM CST	12 hrs 12 mins
97 3 24	6:23AM	6:38PM CST	12 hrs 14 mins
97 3 25	6:22AM	6:38PM CST	12 hrs 17 mins
97 3 26	6:20AM	6:39PM CST	12 hrs 19 mins
97 3 27	6:19AM	6:40PM CST	12 hrs 21 mins
97 3 28	6:17AM	6:41PM CST	12 hrs 24 mins
97 3 29	6:16AM	6:42PM CST	12 hrs 26 mins
97 3 30	6:14AM	6:43PM CST	12 hrs 28 mins
97 3 31	6:13AM	6:43PM CST	12 hrs 31 mins

# OKLAHOMA



## 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

MARCH

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 59.9 33.5 1.0 19 0 0 0	Actual max min ppt RdD Cdd	Normal 68.5 35.6 1.1 18 0 0	Actual max min ppt RdD Cdd	Normal 57.2 34.6 1.2 19 0 0	Actual max min ppt RdD Cdd	Normal 54.8 31.8 0.4 22 0 0	Actual max min ppt RdD Cdd	Normal 55.1 33.0 0.3 21 0 0	Actual max min ppt RdD Cdd	Normal 58.5 34.0 0.6 19 0 0	Actual max min ppt RdD Cdd	Normal 57.5 34.7 0.6 19 0 0	Actual max min ppt RdD Cdd
Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	85-1976 20-1980 4-1913 66-1940 17-1948	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1904 23-1943 6-1922 62-1978 204-1988	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	84-1965 18-1960 3-1960 59-1965 146-1965	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	84-1968 18-1960 8-1960 60-1968 87-1933	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1981 24-1920 10-1960 59-1921 2-13-1894	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	83-1974 21-1943 8-1943 59-1911 146-1973	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	83-1925 22-1932 7-1920 61-1974 133-1905
Normal 57.2 35.0 1.1 19 0 0	Actual max min ppt RdD Cdd	Normal 60.3 36.8 1.0 17 0 0	Actual max min ppt RdD Cdd	Normal 51.6 38.1 1.4 15 0 0	Actual max min ppt RdD Cdd	Normal 59.6 36.4 1.8 16 0 0	Actual max min ppt RdD Cdd	Normal 59.3 37.1 0.4 17 0 0	Actual max min ppt RdD Cdd	Normal 59.9 36.7 0.2 17 0 0	Actual max min ppt RdD Cdd	Normal 62.5 36.7 0.7 16 0 0	Actual max min ppt RdD Cdd
Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	84-1911 20-1932 9-1907 80-1907 200-1984	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1911 23-1932 11-1932 61-1985 289-1913	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	80-1965 25-1932 4-1948 61-1990 148-1974	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	93-1967 16-1948 1-1948 61-1911 218-1902	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	90-1967 27-1980 4-1948 53-1972 130-1898	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	90-1907 34-1924 14-1950 63-1918 138-1922	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	84-1906 25-1905 13-1895 53-1925 104-1900
Normal 59.4 37.7 0.2 18 0 0	Actual max min ppt RdD Cdd	Normal 60.7 38.0 0.7 16 0 0	Actual max min ppt RdD Cdd	Normal 43.6 38.4 0.7 14 0 0	Actual max min ppt RdD Cdd	Normal 62.3 39.3 0.5 14 0 0	Actual max min ppt RdD Cdd	Normal 61.6 38.9 0.7 15 0 0	Actual max min ppt RdD Cdd	Normal 61.9 38.4 0.4 15 0 0	Actual max min ppt RdD Cdd	Normal 61.9 38.4 0.4 15 0 0	Actual max min ppt RdD Cdd
Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	84-1943 28-1892 13-1896 56-1919 234-1944	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	84-1908 28-1892 18-1896 56-1945 123-1987	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1988 24-1992 11-1892 59-1921 85-1905	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	98-1907 30-1905 8-1929 92-1908 48-1908	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	97-1907 29-1905 10-1929 63-1921 173-1903	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	92-1907 33-1913 13-1905 64-1935 218-1905	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	95-1916 29-1905 16-1916 64-1907 123-1921
Normal 64.4 37.8 0.8 14 0 0	Actual max min ppt RdD Cdd	Normal 63.3 38.7 1.9 14 0 0	Actual max min ppt RdD Cdd	Normal 61.4 39.6 1.0 15 0 0	Actual max min ppt RdD Cdd	Normal 61.0 39.5 1.0 15 0 0	Actual max min ppt RdD Cdd	Normal 63.1 40.4 0.6 14 0 0	Actual max min ppt RdD Cdd	Normal 65.2 41.3 1.0 12 0 0	Actual max min ppt RdD Cdd	Normal 66.2 43.5 1.3 11 0 0	Actual max min ppt RdD Cdd
Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	89-1906 33-1913 13-1906 63-1907 137-1970	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	89-1929 36-1974 20-1899 64-1907 235-1984	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1929 36-1965 23-1965 64-1904 132-1920	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1978 33-1964 18-1965 64-1907 136-1922	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	86-1972 33-1937 17-1965 61-1907 202-1908	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	90-1896 32-1899 13-1913 69-1907 209-1912	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1928 36-1931 16-1931 62-1905 244-1908
Normal 63.3 42.2 1.3 1 0 0	Actual max min ppt RdD Cdd	Normal 63.3 41.7 1.3 0 0 0	Actual max min ppt RdD Cdd	Normal 68.0 43.8 1.0 1 0 0	Actual max min ppt RdD Cdd	Normal 61.0 43.5 1.0 1 0 0	Actual max min ppt RdD Cdd	Normal 63.1 40.4 0.6 14 0 0	Actual max min ppt RdD Cdd	Normal 65.2 41.3 1.0 12 0 0	Actual max min ppt RdD Cdd	Normal 66.2 43.5 1.3 11 0 0	Actual max min ppt RdD Cdd
Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	87-1906 34-1907 18-1894 65-1903 39-1907	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1904 28-1928 22-1987 65-1895 132-1943	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	94-1940 40-1901 20-1928 62-1907 123-1908	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1929 36-1965 23-1965 64-1904 132-1920	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1978 33-1964 18-1965 64-1907 136-1922	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	90-1896 32-1899 13-1913 69-1907 209-1912	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1928 36-1931 16-1931 62-1905 244-1908

MARCH AVERAGES

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

TULSA CLIMATE CALENDAR

MARCH

The data on this calendar are for Tulsa. Normal values are calculated for the period 1948-1991. Temperature extremes are for the period 1905-1992; precipitation extremes are for the period 1948-1992.

Normal	1 Actual	Normal	2 Actual	Normal	3 Actual	Normal	4 Actual	Normal	5 Actual	Normal	6 Actual	Normal	7 Actual
58.0 34.0 -1.0 19 0 0	max min PPT RFD CDD	58.0 36.0 0.6 18 0	max min PPT RFD CDD	58.0 35.0 1.4 18 0	max min PPT RFD CDD	56.0 33.0 1.6 20 0	max min PPT RFD CDD	56.0 34.0 0.3 20 0	max min PPT RFD CDD	59.0 37.0 0.6 17 0	max min PPT RFD CDD	59.0 34.0 0.7 18 0	max min PPT RFD CDD
Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	81-1907 26-1980 9-1902 63-1974 1-63-1973	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	84-1976 25-1996 7-1943 68-1970 2-68-1988	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	82-1966 25-1960 3-1943 64-1974 1-46-1963	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	83-1938 18-1960 6-1960 67-1983 1-37-1963	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1981 20-1960 5-1960 60-1966 7-6-1969	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1907 29-1960 3-1948 63-1967 67-1968	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	87-1966 39-1960 13-1943 62-1960 1-57-1973
Normal	8 Actual	Normal	9 Actual	Normal	10 Actual	Normal	11 Actual	Normal	12 Actual	Normal	13 Actual	Normal	14 Actual
57.0 35.0 1.0 19 0 0	max min PPT RFD CDD	59.0 36.0 0.8 17 0	max min PPT RFD CDD	59.0 37.0 1.6 17 0	max min PPT RFD CDD	59.0 37.0 1.7 17 0	max min PPT RFD CDD	59.0 37.0 1.7 17 0	max min PPT RFD CDD	59.0 37.0 0.6 17 0	max min PPT RFD CDD	81.0 37.0 0.7 18 0	max min PPT RFD CDD
Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	67-1926 28-1996 5-1907 63-1974 1-67-1994	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1911 36-1984 08-1996 68-1990 -98-1984	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1966 29-1948 4-1948 60-1966 1-91-1974	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	84-1907 17-1948 -1-1948 62-1967 1-67-1980	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1907 29-1960 3-1948 63-1967 67-1968	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	92-1907 39-1976 12-1948 62-1960 -90-1963	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	85-1977 40-1968 13-1976 53-1996 2-89-1990
Normal	15 Actual	Normal	16 Actual	Normal	17 Actual	Normal	18 Actual	Normal	19 Actual	Normal	20 Actual	Normal	21 Actual
60.0 38.0 0.3 16 0 0	max min PPT RFD CDD	62.0 36.0 1.5 15 0	max min PPT RFD CDD	63.0 37.0 1.4 14 0	max min PPT RFD CDD	63.0 37.0 1.4 13 0	max min PPT RFD CDD	62.0 40.0 0.9 14 0	max min PPT RFD CDD	61.0 40.0 1.8 15 0	max min PPT RFD CDD	60.0 38.0 0.8 15 0	max min PPT RFD CDD
Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	84-1921 36-1960 81-1970 67-1969 -32-1981	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1988 36-1960 22-1982 68-1982 1-03-1970	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1916 34-1970 20-1968 56-1984 1-46-1977	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	89-1987 30-1966 12-1928 61-1979 1-24-1979	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	96-1907 32-1966 9-1983 69-1982 1-15-1968	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	92-1907 36-1983 11-1966 60-1991 1-61-1982	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	98-1916 39-1974 18-1974 63-1966 -95-1966
Normal	22 Actual	Normal	23 Actual	Normal	24 Actual	Normal	25 Actual	Normal	26 Actual	Normal	27 Actual	Normal	28 Actual
63.0 38.0 0.6 14 0 0	max min PPT RFD CDD	64.0 40.0 1.3 14 0	max min PPT RFD CDD	61.0 41.0 1.2 14 0	max min PPT RFD CDD	60.0 41.0 1.1 14 0	max min PPT RFD CDD	64.0 41.0 0.8 13 0	max min PPT RFD CDD	66.0 42.0 0.8 11 0	max min PPT RFD CDD	68.0 44.0 0.9 10 1	max min PPT RFD CDD
Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	94-1966 40-1962 15-1966 67-1986 1-16-1993	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1907 33-1974 21-1988 61-1984 2-60-1989	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1928 30-1966 18-1966 60-1967 1-98-1973	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1910 29-1966 16-1966 68-1987 7-9-1987	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	87-1918 34-1966 14-1966 70-1981 1-67-1977	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1966 41-1948 13-1913 63-1966 1-96-1976	Highst Max Lowest Max Lowest Min Highest Min Greatest ppt	90-1963 46-1970 17-1981 04-1966 1-65-1989
Normal	29 Actual	Normal	30 Actual	Normal	31 Actual	<p><b>MARCH AVERAGES</b></p> <p>TEMPERATURE : 49.7°F</p> <p>PRECIPITATION : 3.06"</p> <p>HEATING DEGREE DAYS : 477</p> <p>COOLING DEGREE DAYS : 6</p>							