

OKLAHOMA MONTHLY SUMMARY JANUARY 1996

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MONTHLY SUMMARY FOR JANUARY 1996

Despite a major outbreak of cold air at mid-month, much of Oklahoma enjoyed above normal temperatures in January while suffering from below normal precipitation. The situation was reversed in southeastern Oklahoma where an early month snowstorm and significant rains in the middle of the month produced above average precipitation and lower than average temperatures. The statewide average temperature of 36.1 degrees was .1 degree less than normal. The northwestern two-thirds of the state returned to the dry-pattern that had been predominant since early autumn, but had been interrupted in December. Many areas of west central Oklahoma went without measurable precipitation for the month, and those that did receive any saw it fall as wind-driven snow that rapidly blew off the moisture-hungry pastures and wheat fields. The statewide-averaged precipitation of 0.91 inches was 0.35 inches less than normal. Total precipitation from the first of October through the end of January averaged 4.42 inches across the state, about half of the normal for the period, marking the 10th driest October-to-January period in the state since 1892-93.

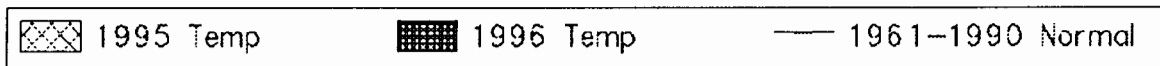
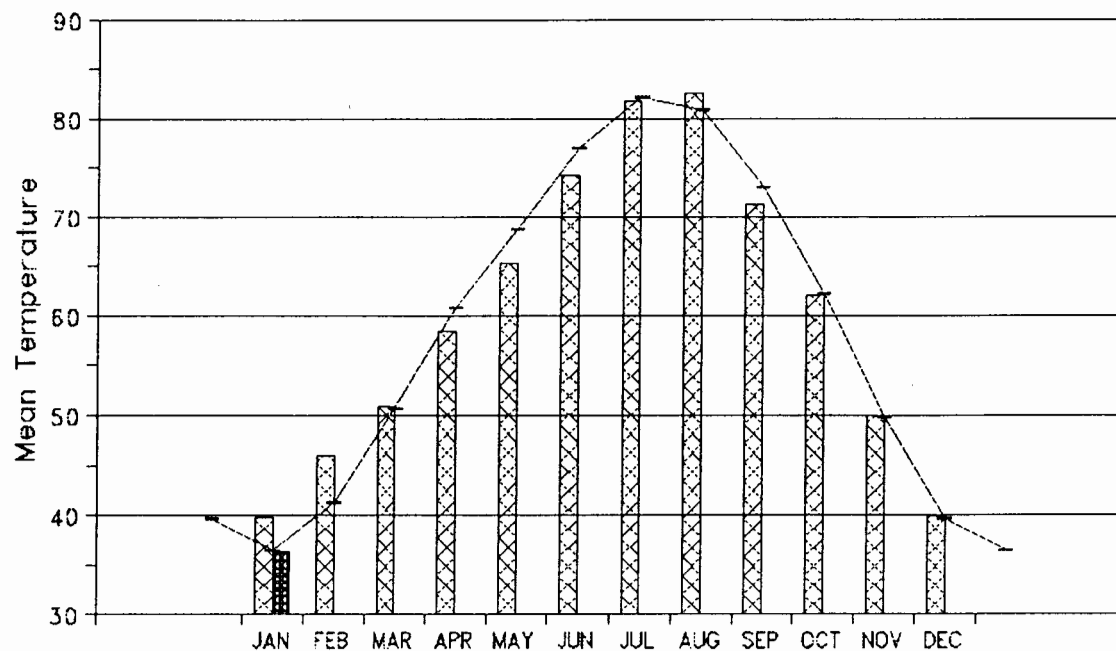
A snowstorm swept through southern and eastern Oklahoma on New Year's night leaving a trail of snow in its wake from the Arbuckle mountains in Murray County to the Boston Mountains in eastern Adair County. The largest reported snowfall amounts were 9 inches at McCurtain (Haskell) and 8 inches at Lyons (Adair) and Kansas (Delaware). Smithville (McCurtain) reported 2.20 inches of precipitation, with rain turning to snow as the storm progressed. Pine Creek Dam (McCurtain), Bear Mountain Tower (McCurtain) and McAlester (Pittsburg) each reported more than 1.50 inches of total precipitation from the storm. Cold air poured into northwestern Oklahoma and spread across the state during the first week of the month. Many areas reported low temperatures near zero on the 6th, 7th and 8th. The temperature at Freedom (Woods) dropped to -2 degrees on the morning of the 7th.

A statewide warm-up during the second week that culminated with 78 degree temperatures reported on the afternoon of the 13th at Mangum (Greer) and Boswell (Choctaw) ended abruptly on the 17th when a major blast of Arctic air moved through the state. Thunderstorms in advance of the cold front produced over two inches of rain at a number of locations. Calvin (Hughes) reported nearly 3 inches and Lyons and Jay Tower (Delaware) each reported more than 2.50 inches of rain. Large hail was reported at many locations, including Tecumseh (Pottawatomie) and Duncan (Stephens). The frontal passage was followed by blowing snow in the west with little or no accumulation and as much as 3 inches of snow in the northeast. North to northwest winds buffeted the western two-thirds of the state on the 18th as temperatures plunged. The Oklahoma Mesonet sites at Medford (Grant) and Weatherford (Custer) each reported winds that averaged nearly 30 miles per hour over a full 24-hour period. Gusts in the 60s were reported at several sites, led by a reported gust of 68 miles per hour near Medicine Park (Comanche). Below-zero temperatures were reported at several locations on the morning of the 19th, including -4 degrees at Bartlesville (Washington), Barnsdall (Osage) and Freedom (Woods).

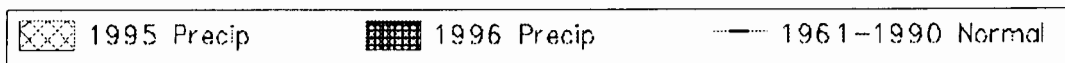
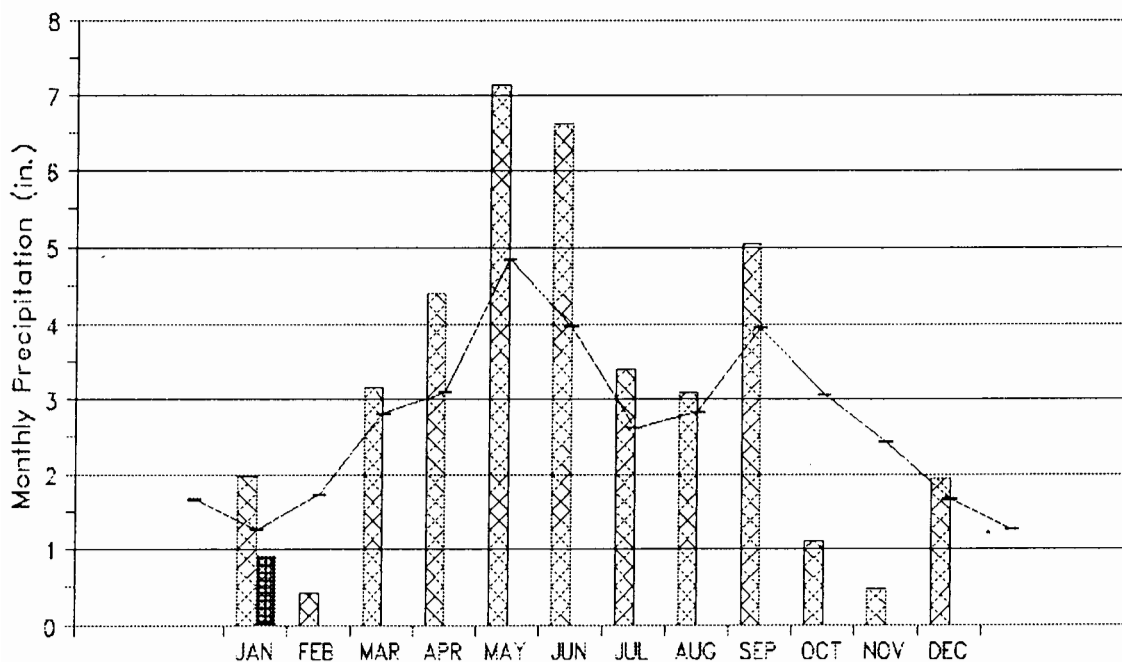
Temperatures rallied somewhat in the week following the Arctic blast, reaching into the mid-70s in southwestern Oklahoma on the afternoon of the 22nd. Yet another blast of cold air late in the month drove overnight temperatures in the Panhandle to sub-zero readings. Gate (Beaver) reported the lowest temperature of the month, -8 degrees, on the morning of the 30th.

Howard L. Johnson

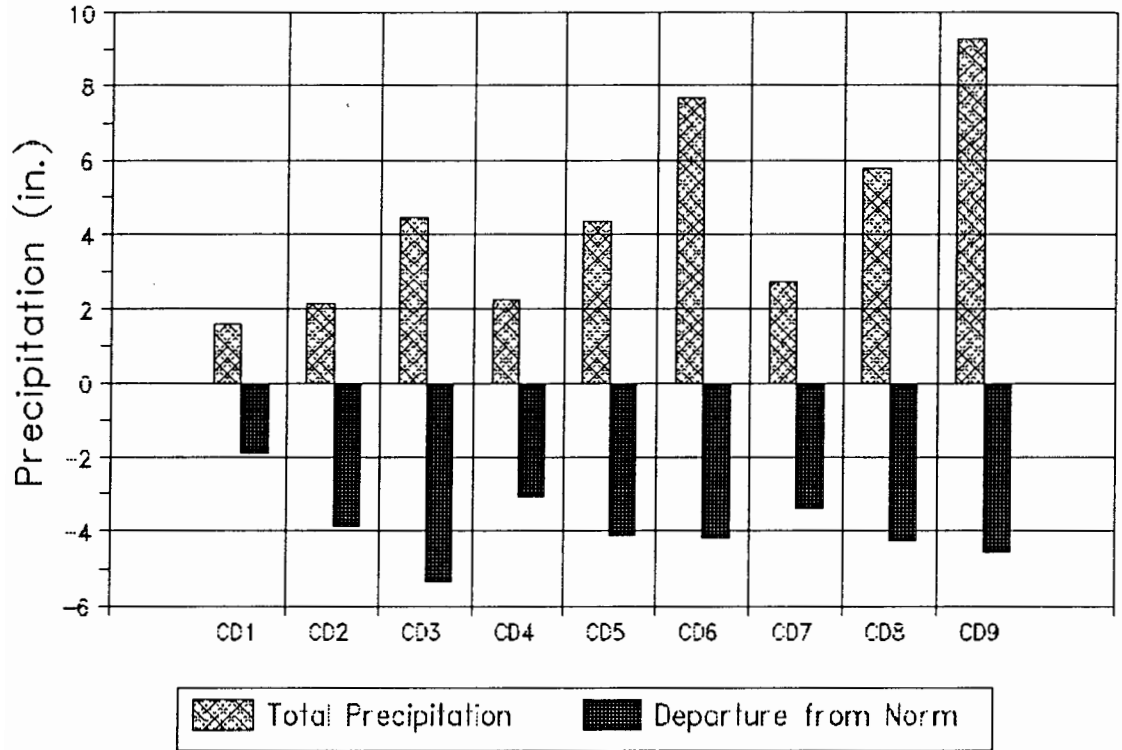
1995 and 1996 STATEWIDE TEMPERATURES Monthly Averages



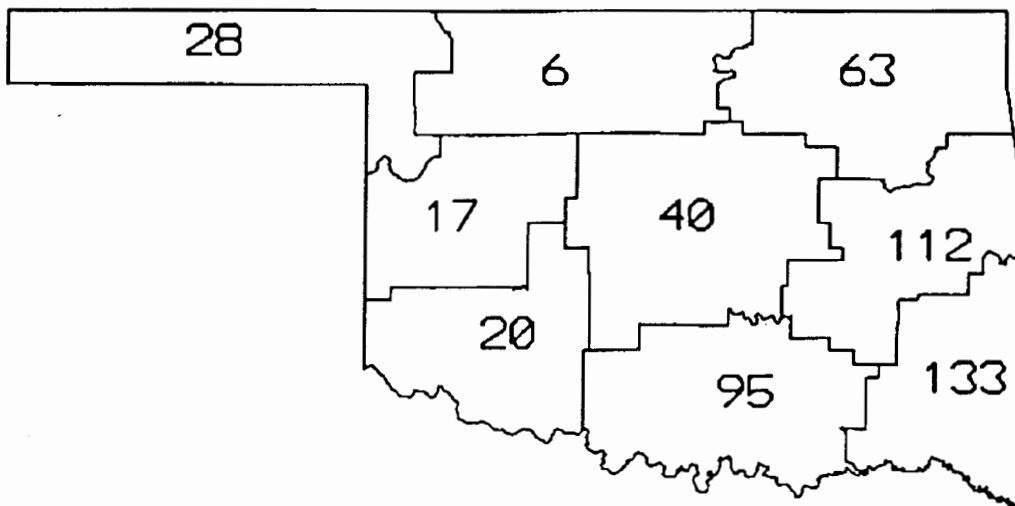
1995 and 1996 STATEWIDE PRECIPITATION Monthly Totals



CD Averaged Precipitation October 1995 through January 1996



CD PERCENT OF NORMAL PRECIPITATION



JANUARY 1996

EXTREME VALUES OF TEMPERATURE AND PRECIPITATION IN EACH CLIMATE DIVISION
JANUARY 1996

CD	MAX			MIN			24-HOUR			MONTHLY	
	TEMP	DATE	LOCATION	TEMP	DATE	LOCATION	PRECIP	DATE	LOCATION	PRECIP	LOCATION
1	75	13	GAGE	-8	30	GATE	.65	6	KENTON	.65	KENTON
	75	14	GATE	-8	31	GATE					
2	76	13	WAYNOKA	-4	19	FREEDOM	.27	2	GREAT SALT	.27	GREAT SALT
				-4	20	FREEDOM					
3	75	16	HULAH DAM	-4	19	BARNSDALL	2.50	18	JAY TOWER	3.65	JAY TOWER
	75	13	MANNFORD	-4	19	BARTLESVILLE					
4	76	14	REYDON	2	19	HAMMON	.17	18	TALOGA	.18	CANTON DAM
				2	19	TALOGA					
5	76	13	CHANDLER	-3	19	GUTHRIE	1.40	18	OKEMAH	2.07	TROUSDALE
	76	13	OKEMAH								
6	76	13	HANNA	-2	19	TAHLEQUAH	2.92	17	CALVIN	3.93	LYONS
	76	13	MCALESTER								
7	78	13	MANGUM	3	19	WICHITA	1.02	2	DUNCAN	1.24	RANDLETT
8	77	24	CHICKASAW	5	8	CHICKASAW	1.35	1	TISHOMINGO	3.36	DAISY
	77	13	MARIETTA								
9	78	14	BOSWELL	3	8	BATTIEST	2.20	2	SMITHVILLE	4.69	BATTIEST
				3	8	SMITHVILLE					

TABLE OF 1995/1996 COMPARISONS

Station	JANUARY Temperature (°F)		JANUARY Precipitation (in.)	
	1995	1996	1995	1996
Arnett	35.4	31.0	1.19	0.02
Mutual	35.4	31.7	0.90	0.01
Tulsa	39.8	35.8	0.90	0.47
Elk City	40.1	37.2	0.50	0.02
Oklahoma City	38.6	35.8	1.28	0.08
McAlester	42.7	41.9	2.42	3.86
Altus Irr Sta	42.5	39.5	0.63	0.02
Ada	41.3	37.3	2.80	1.42
Hugo	45.3	41.4	4.99	2.78

Variable	EXTREMES			
	Station	Division	Observation	Date
Minimum temperature (°F)	Gate	1	- 8	30
	Gate	1	- 8	31
Maximum temperature (°F)	Mangum	7	78	13
	Boswell	9	78	14
Maximum 24-hour precipitation	Calvin	6	2.92"	17

JANUARY 1996 SUMMARY FOR NORTHWEST DIVISION (CD1)

NAME	ID	CD	DEV				MIN		DAY	HEAT		DEV		COOL		DEV		TOT	NUM	DEV	MAX
			MEAN	NUM	FROM	MAX	DAY	TEMP		DEG	FROM	DEG	FROM	DEG	FROM	PPT	OBS				
ARNETT	332	1	31.0	31	-1.5	73.	14	3.	31	1053.0	45.0	.0	.0	.020	31	-.44	.02	18			
BEAVER	593	1	30.8	31	-.8	69.	16	1.	19	1060.5	25.5	.0	.0	.061	31	-.34	.06	18			
BOISE CITY 2 E	908	1	36.0	31	1.8	72.	13	-3.	30	899.0	-56.0	.0	.0	.123	31	-.18	.10	1			
BUFFALO	1243	1	34.6	31	.0	74.	13	1.	19	941.0	-1.0	.0	.0	.000	31	-.49	.00	31			
FARGO	3070	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.001	31	-.47	.00	18			
GAGE FAA APT	3407	1	35.0	30	.8	75.	13	0.	7	898.5	-53.5	.0	.0	.043	30	*****	.03	18			
GATE	3489	1	38.9	31	6.5	75.	14	-8.	31	810.0	-201.0	.0	.0	.003	31	-.55	.00	26			
GOODWELL RES ST	3628	1	33.5	30	1.6	73.	13	0.	31	945.5	-80.5	.0	.0	.004	31	-.27	.00	26			
GUYMON	3835	1	32.8	31	*****	73.	12	1.	30	999.0	*****	.0	*****	.260	31	*****	.11	26			
HOOVER	4298	1	31.6	31	-1.3	68.	29	0.	31	1035.0	40.0	.0	.0	.004	31	-.39	.00	26			
KENTON	4766	1	34.3	31	1.9	74.	13	-2.	30	951.0	-60.0	.0	.0	.651	31	.37	.65	6			
LAVERNE	5045	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.083	31	-.45	.08	18			
TURPIN 4 SSE	9017	1	30.1	29	*****	65.	29	0.	31	1011.5	*****	.0	*****	.140	29	*****	.06	18			

JANUARY 1996 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)

NAME	ID	CD	DEV				MIN		DAY	HEAT		DEV		COOL		DEV		TOT	NUM	DEV	MAX
			MEAN	NUM	FROM	MAX	DAY	TEMP		DEG	FROM	DEG	FROM	DEG	FROM	PPT	OBS				
ALVA	193	2	34.1	31	*****	75.	13	3.	19	959.0	*****	.0	*****	.010	31	*****	.01	3			
VANCE AFB	302	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.179	28	*****	.15	3			
BILLINGS	755	2	31.3	31	-1.5	73.	15	-2.	19	1045.0	47.0	.0	.0	.144	30	*****	.08	3			
BLACKWELL 2E	818	2	37.2	31	4.3	71.	13	2.	19	862.5	-132.5	.0	.0	.094	31	-.85	.06	3			
CEDARDALE	1620	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.001	31	*****	.00	18			
CHEROKEE	1724	2	34.0	30	-.5	73.	13	5.	19	931.0	-15.0	.0	.0	.000	30	*****	.00	31			
ENID	2912	2	35.6	31	.5	73.	13	5.	31	910.0	-17.0	.0	.0	.060	31	-.90	.02	3			
FT SUPPLY DAM	3304	2	31.4	28	*****	73.	14	3.	19	940.5	*****	.0	*****	.000	31	-.45	.00	31			
FREEDOM	3358	2	30.1	31	-3.9	75.	14	-4.	20	1082.5	121.5	.0	.0	.100	31	-.44	.10	18			
GREAT SALT PLNS	3740	2	31.6	21	*****	63.	10	1.	19	702.0	*****	.0	*****	.274	21	*****	.27	2			
HARDY	3909	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.104	31	*****	.07	2			
HELENA 1 SSE	4019	2	31.8	31	.0	73.	14	2.	19	1028.5	-.5	.0	.0	.132	31	-.64	.09	18			
JEFFERSON	4573	2	34.8	31	.7	74.	13	-1.	19	937.5	-20.5	.0	.0	.072	31	-.78	.04	17			
LAMONT	5013	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.024	31	*****	.01	18			
MEDFORD	5768	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.121	31	*****	.05	17			
MUTUAL	6139	2	31.7	31	-.8	73.	14	4.	31	1031.0	23.0	.0	.0	.010	31	-.59	.01	18			
NEWKIRK	6278	2	34.4	31	1.2	70.	13	-2.	19	949.5	-36.5	.0	.0	.003	31	-.87	.00	26			
ORIENTA	6751	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.000	31	-.71	.00	31			
PERRY	7012	2	36.4	31	.7	74.	13	0.	19	885.5	-22.5	.0	.0	.060	31	-.88	.03	18			
PONCA CITY FAA	7201	2	37.3	30	4.8	71.	14	2.	19	832.5	-178.5	.0	.0	.137	30	*****	.04	18			
RED ROCK 1 NNE	7505	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.100	31	-.80	.07	3			
WAYNOKA	9404	2	33.9	31	-1.0	76.	13	1.	19	964.5	31.5	.0	.0	.000	31	-.64	.00	31			
WOODWARD	9760	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.025	31	-.52	.02	17			

JANUARY 1996 SUMMARY FOR NORTHEAST DIVISION (CD3)

NAME	ID	CD	DEV				HEAT			DEV		COOL		DEV		TOT	NUM	DEV		24-HR	DAY
			MEAN	NUM	FROM	MAX	DEG	DAY	FROM	DEG	FROM	DEG	FROM	FROM	NORM			FROM	NORM		
BARNSDALL	535	3	34.0	31	-.6	72.	13	-4.	19	962.5	20.5	.0	.0	.087	31	-1.30	.02	23			
BARTLESVILLE 2W	548	3	33.8	31	-.9	74.	13	-4.	19	967.0	28.0	.0	.0	.015	31	-1.25	.01	18			
BIXBY	782	3	34.9	31	.9	74.	14	5.	20	933.5	-27.5	.0	.0	1.370	31	-.20	1.22	18			
BURBANK	1256	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.145	31	-1.00	.08	18			
CHELSEA 4 S	1717	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.980	31	*****	.88	2			
CLAREMORE	1828	3	32.2	31	-.9	70.	14	1.	19	1017.5	28.5	.0	.0	.930	30	*****	.65	18			
CLEVELAND 5 WSW	1902	3	36.3	31	*****	73.	13	-1.	19	889.5	*****	.0	*****	.334	31	*****	.23	18			
FORAKER	3250	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.140	31	-.88	.09	18			
HOLLOW	4258	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.910	31	-.57	.62	18			
HOMINY	4289	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.392	31	-.86	.20	3			
HULAH DAM	4393	3	31.7	18	*****	75.	16	2.	8	599.0	*****	.0	*****	.355	23	*****	.35	18			
JAY TOWER	4567	3	34.2	30	*****	72.	14	0.	19	925.0	*****	.0	*****	3.650	30	*****	2.50	18			
KANSAS 1 ESE	4672	3	35.6	30	-.4	72.	13	-3.	19	882.0	-17.0	.0	.0	2.255	31	.09	1.25	18			
KEYSTONE DAM	4812	3	33.8	31	-.3	74.	14	2.	7	968.5	10.5	.0	.0	.441	31	-.81	.44	18			
LENAPAH	5118	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.650	30	*****	.48	23			
MANNFORD 6 NW	5522	3	36.7	31	1.2	75.	13	0.	19	878.0	-37.0	.0	.0	.352	31	-.97	.27	19			
MARAMEC	5540	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.191	31	-1.08	.15	18			
MIAMI	5855	3	32.0	26	*****	69.	21	-2.	19	859.0	*****	.0	*****	.810	30	*****	.66	18			
NOWATA	6485	3	32.2	31	-2.3	69.	14	-2.	20	1016.0	70.0	.0	.0	.831	31	-.76	.50	18			
OOLOGAH DAM	6729	3	31.1	24	*****	72.	16	-3.	19	814.5	*****	.0	*****	.142	24	*****	.08	3			
PAWHUSKA	6935	3	34.4	31	.3	73.	13	-3.	19	948.5	-9.5	.0	.0	.702	31	-.58	.58	18			
PAWNEE	6940	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.250	31	-.97	.15	18			
PRYOR 6 N	7309	3	33.2	31	.2	70.	15	3.	20	986.5	-5.5	.0	.0	2.826	31	1.08	2.41	18			
RALSTON	7390	3	35.4	31	.7	74.	13	-3.	19	918.0	-21.0	.0	.0	.263	31	-.89	.20	18			
SKIATOOK	8258	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.611	31	-.76	.48	18			
SPAVINAW	8380	3	36.4	31	-.1	72.	13	0.	19	885.5	1.5	.0	.0	2.794	31	1.09	2.05	18			
TULSA WSO APT	8992	3	35.8	30	.5	71.	13	4.	19	877.5	-46.5	.0	.0	.477	31	-1.06	.39	17			
UPPER SPAVINAW	9101	3	35.4	30	*****	70.	13	3.	19	889.0	*****	.0	*****	2.864	31	*****	1.80	18			
VINITA 2 N	9203	3	34.1	30	.5	70.	14	-2.	19	927.0	-46.0	.0	.0	1.270	31	-.53	.91	18			
WAGONER	9247	3	35.6	30	-1.2	71.	13	3.	19	881.0	7.0	.0	.0	.944	31	-1.02	.46	3			
WANN	9298	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.604	31	*****	.52	18			
WYONONA	9792	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.383	31	*****	.32	18			

JANUARY 1996 SUMMARY FOR WEST CENTRAL DIVISION (CD4)

NAME	ID	CD	DEV				HEAT			DEV		COOL		DEV		TOT	NUM	DEV		24-HR	DAY
			MEAN	NUM	FROM	MAX	DEG	DAY	FROM	DEG	FROM	DEG	FROM	FROM	NORM			FROM	NORM		
CANTON DAM	1445	4	32.7	28	*****	73.	14	5.	31	905.5	*****	.0	*****	.181	31	-.44	.15	3			
CLINTON	1909	4	36.7	30	.1	74.	13	5.	19	848.5	-31.5	.0	.0	.010	31	-.93	.01	18			
COLONY	2039	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.001	31	*****	.00	5			
CORDELL	2125	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.002	31	-.91	.00	18			
ELK CITY 1 E	2849	4	37.2	31	1.0	74.	13	6.	31	861.5	-31.5	.0	.0	.021	31	-.67	.02	18			
ERICK 4 E	2944	4	36.6	31	.0	75.	13	6.	19	879.0	-1.0	.0	.0	.001	31	-.53	.00	18			
GEARY	3497	4	36.1	31	.5	73.	13	6.	31	897.0	-14.0	.0	.0	.000	31	-.76	.00	31			
HAMMON 3 SSW	3871	4	32.5	30	-1.0	71.	14	2.	19	976.5	-.5	.0	.0	.000	30	*****	.00	31			
LEEDEY	5090	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.000	31	-.49	.00	31			
MACKIE 4 NNW	5463	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.000	31	*****	.00	31			
MORAVIA 2 NNE	6035	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.001	31	-.71	.00	18			
OKEENE	6629	4	34.6	31	-1.6	73.	15	4.	19	943.0	50.0	.0	.0	.000	31	-.77	.00	31			
RETROP	7565	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.000	31	*****	.00	31			
REYDON	7579	4	34.8	31	-.7	76.	14	5.	30	935.5	20.5	.0	.0	.003	31	-.46	.00	3			
SAYRE	7952	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.001	31	-.47	.00	18			
SWEETWATER 2 E	8652	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.001	31	*****	.00	18			
TALOGA	8708	4	33.5	31	-1.3	73.	13	2.	19	976.0	40.0	.0	.0	.170	31	-.53	.17	18			
THOMAS	8815	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.020	31	*****	.02	18			
VICI	9172	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.001	31	-.73	.00	17			
WATONGA	9364	4	36.1	31	.7	74.	13	5.	19	896.0	-22.0	.0	.0	.015	30	*****	.01	18			
WEATHERFORD	9422	4	33.0	30	-1.3	72.	13	6.	31	958.5	6.5	.0	.0	.000	30	*****	.00	31			

JANUARY 1996 SUMMARY FOR CENTRAL DIVISION (CD5)

NAME	ID	CD	DEV						HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY	
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN TEMP	DAY										
AMBER	200	5	*****	0	*****	*****	0	*****	0	*****	*****	.070	31	*****	.07	1		
ARCADIA	288	5	*****	0	*****	*****	0	*****	0	*****	*****	.183	31	*****	.18	30		
TINKER AFB	325	5	*****	0	*****	*****	0	*****	0	*****	*****	.087	29	*****	.05	3		
BLANCHARD 2 SSW	830	5	38.3	31	.0	74.	13	5.	19	827.0	-1.0	.0	.0	.126	31	-.98	.07	18
BRISTOW	1144	5	37.3	31	.5	74.	13	4.	19	859.5	-14.5	.0	.0	.355	31	-1.02	.28	18
CHANDLER	1684	5	37.7	31	.5	76.	13	5.	19	846.0	-16.0	.0	.0	.070	31	-1.20	.07	31
CHICKASHA EX ST	1750	5	37.8	31	.5	75.	13	7.	19	842.0	-17.0	.0	.0	.340	31	-.69	.29	2
COX CITY 1 E	2196	5	*****	0	*****	*****	0	*****	0	*****	*****	.550	31	*****	.30	2		
CRESCENT	2242	5	*****	0	*****	*****	0	*****	0	*****	*****	.030	31	*****	.03	3		
CUSHING	2318	5	38.9	30	4.7	75.	13	8.	19	782.0	-173.0	.0	.0	.000	31	-1.13	.00	31
EDMOND	2788	5	*****	0	*****	*****	0	*****	0	*****	*****	.050	31	*****	.05	2		
GUTHRIE	3821	5	36.2	31	-.1	75.	13	-3.	19	892.0	2.0	.0	.0	.081	31	-1.07	.08	18
HENNESSEY 4 ESE	4055	5	35.0	31	-.1	72.	13	3.	19	928.5	1.5	.0	.0	.061	31	-.80	.06	18
INGALLS	4489	5	*****	0	*****	*****	0	*****	0	*****	*****	.451	31	*****	.40	18		
KINGFISHER 2 SE	4861	5	35.2	31	-.8	71.	13	3.	19	923.0	24.0	.0	.0	.081	31	-.92	.08	19
KONAWA	4915	5	*****	0	*****	*****	0	*****	0	*****	*****	1.200	31	-.31	.95	1		
MARSHALL	5589	5	*****	0	*****	*****	0	*****	0	*****	*****	.000	31	-.88	.00	31		
MEEKER 4 W	5779	5	37.8	31	1.1	74.	13	4.	19	844.5	-32.5	.0	.0	.340	31	-.70	.30	17
MULHALL	6110	5	*****	0	*****	*****	0	*****	0	*****	*****	.101	31	*****	.05	18		
NORMAN NWS	6386	5	35.5	31	-2.3	75.	13	4.	19	914.5	71.5	.0	.0	.170	31	-1.15	.11	18
OILTON 2 SE	6616	5	*****	0	*****	*****	0	*****	0	*****	*****	.200	31	*****	.20	2		
OKEMAH	6638	5	39.9	31	2.4	76.	13	10.	19	779.5	-73.5	.0	.0	1.601	31	.15	1.40	18
OKLAHOMA CTY WS	6661	5	35.8	31	-.1	74.	13	3.	19	906.0	4.0	.0	.0	.085	31	-1.04	.04	18
PERKINS	7003	5	*****	0	*****	*****	0	*****	0	*****	*****	.000	31	-1.17	.00	31		
PIEDMONT	7068	5	*****	0	*****	*****	0	*****	0	*****	*****	.090	31	*****	.05	2		
PRAGUE	7264	5	*****	0	*****	*****	0	*****	0	*****	*****	.991	30	*****	.67	18		
PURCELL 5 SW	7327	5	38.1	31	.7	73.	13	7.	19	833.0	-23.0	.0	.0	1.152	31	-.19	.55	2
SEMINOLE	8042	5	38.9	30	.1	74.	13	7.	19	782.0	-30.0	.0	.0	.981	31	-.50	.70	18
SHAWNEE	8110	5	*****	0	*****	*****	0	*****	0	*****	*****	.720	31	*****	.55	18		
STELLA	8479	5	*****	0	*****	*****	0	*****	0	*****	*****	.561	31	*****	.52	17		
STILLWATER 2 W	8501	5	33.9	30	.3	74.	14	0.	19	932.0	-41.0	.0	.0	.181	31	-.97	.13	18
STROUD 1 N	8563	5	*****	0	*****	*****	0	*****	0	*****	*****	.424	31	*****	.40	18		
TECUMSEH	8751	5	*****	0	*****	*****	0	*****	0	*****	*****	.300	31	*****	.15	23		
TROUSDALE 6S	8960	5	*****	0	*****	*****	0	*****	0	*****	*****	2.070	31	*****	.95	1		
UNION CITY 1 SE	9086	5	*****	0	*****	*****	0	*****	0	*****	*****	.001	31	-1.36	.00	18		
WELTY 1 SSE	9479	5	*****	0	*****	*****	0	*****	0	*****	*****	.642	31	*****	.58	18		
WEWOKA	9575	5	*****	0	*****	*****	0	*****	0	*****	*****	1.020	31	-.43	.81	18		

JANUARY 1996 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

NAME	ID	CD	DEV						HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY	
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN TEMP	DAY										
ASHLAND	364	6	*****	0	*****	*****	0	*****	0	*****	*****	1.750	31	*****	.84	2		
BEGGS	631	6	*****	0	*****	*****	0	*****	0	*****	*****	.920	31	*****	.92	18		
BOYNTON	1027	6	*****	0	*****	*****	0	*****	0	*****	*****	1.422	31	*****	.97	18		
CALVIN	1391	6	*****	0	*****	*****	0	*****	0	*****	*****	3.000	31	1.40	2.92	17		
CHECOTAH	1711	6	*****	0	*****	*****	0	*****	0	*****	*****	2.063	31	.43	1.33	18		
CLAYTON 14 WNW	1858	6	*****	0	*****	*****	0	*****	0	*****	*****	3.810	31	*****	2.00	18		
DEWAR 2 NE	2485	6	*****	0	*****	*****	0	*****	0	*****	*****	1.342	31	-.24	.73	18		
DUSTIN	2690	6	*****	0	*****	*****	0	*****	0	*****	*****	1.200	31	*****	.65	18		
EUFULA	2993	6	37.8	31	-1.1	73.	13	7.	19	843.5	34.5	.0	.0	1.623	31	-.21	.75	18
HANNA	3884	6	37.3	31	-.7	76.	13	6.	19	858.0	21.0	.0	.0	1.634	31	-.10	1.14	18
HARTSHORNE	3946	6	*****	0	*****	*****	0	*****	0	*****	*****	3.130	31	*****	1.70	18		
HASKELL	3956	6	*****	0	*****	*****	0	*****	0	*****	*****	1.251	31	-.61	.76	18		
HOLDENVILLE	4235	6	37.8	31	-.5	74.	13	7.	19	844.0	16.0	.0	.0	1.450	31	.04	1.03	2
LAKE EUFAULA	4975	6	33.0	21	*****	75.	14	2.	19	671.5	*****	.0	*****	2.110	22	*****	1.73	18
LYONS 2 N	5437	6	*****	0	*****	*****	0	*****	0	*****	*****	3.930	31	2.14	2.53	18		
MCALESTER FAA	5664	6	41.9	30	4.3	76.	13	9.	8	692.5	-156.5	.0	.0	3.866	30	*****	1.58	2
MCCURTAIN 1 SE	5693	6	38.9	31	-.4	75.	14	3.	8	812.0	15.0	1.5	1.5	2.623	31	.46	.85	24
MUSKOGEE	6130	6	36.8	31	-.5	72.	13	5.	19	874.5	15.5	.0	.0	1.520	31	-.28	1.04	17
OKMULGEE W W	6670	6	33.3	30	-1.5	75.	14	3.	20	950.0	14.0	.0	.0	.781	31	-.85	.65	18
OKTAHA 2 NE	6678	6	*****	0	*****	*****	0	*****	0	*****	*****	1.100	31	*****	.54	18		
QUINTON	7372	6	*****	0	*****	*****	0	*****	0	*****	*****	2.100	31	.15	1.20	17		
SALLISAW 2 NW	7862	6	34.0	31	-3.9	72.	14	5.	21	960.0	120.0	.0	.0	2.420	31	.42	1.70	18
SCIPIO	7979	6	*****	0	*****	*****	0	*****	0	*****	*****	2.120	31	*****	.87	18		
SHORT	8170	6	*****	0	*****	*****	0	*****	0	*****	*****	3.330	31	*****	2.31	18		
STILWELL 1 NE	8506	6	33.9	31	-2.5	72.	13	-1.	19	965.0	78.0	.0	.0	2.670	31	.59	2.12	18
TAHLEQUAH	8677	6	35.0	31	-1.3	70.	14	-2.	19	929.0	39.0	.0	.0	1.642	31	-.37	1.04	18
WEBBERS FALLS	9445	6	35.1	29	*****	74.	14	7.	8	867.5	*****	.0	*****	2.120	30	*****	1.34	18
WESTVILLE	9523	6	*****	0	*****	*****	0	*****	0	*****	*****	2.720	31	*****	2.05	19		
WETUMKA 3 NE	9571	6	*****	0	*****	*****	0	*****	0	*****	*****	.900	31	-.59	.60	18		

JANUARY 1996 SUMMARY FOR SOUTHWEST DIVISION (CD7)

NAME	ID	CD	DEV				HEAT			DEV		COOL		DEV		TOT	NUM	DEV	
			MEAN	NUM	FROM	MAX	DEG	DAY	FROM	DEG	DAY	FROM	DEG	FROM	PPT			OBS	NORM
ALTUS IRR STA	179	7	39.5	31	.0	77.	16	6.	19	790.0	-1.0	.0	.0	.020	31	-.82	.02	18	
ALTUS DAM	184	7	38.9	31	2.5	76.	14	6.	31	808.0	-79.0	.0	.0	.020	31	-.75	.02	18	
ANADARKO	224	7	38.8	23	*****	74.	13	5.	20	602.5	*****	.0	*****	.000	23	*****	.00	31	
APACHE	260	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.000	31	-1.10	.00	31	
ALTUS AFB	447	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.014	28	*****	.01	1	
CARNEGIE 2 ENE	1504	7	34.7	21	*****	68.	16	6.	19	636.5	*****	.0	*****	.001	31	-.93	.00	16	
CHATTANOOGA	1706	7	39.6	31	.9	74.	22	7.	19	788.0	-27.0	.0	.0	.331	31	-.63	.33	2	
DUNCAN 11 W	2668	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.041	31	*****	1.02	2	
FREDERICK	3353	7	39.0	28	*****	74.	23	10.	31	728.5	*****	.0	*****	.710	28	*****	.70	2	
HEADRICK	3998	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.001	31	*****	.00	17	
HOBART FAA APT	4204	7	39.7	29	*****	73.	13	7.	19	733.5	*****	.0	*****	.003	29	*****	.00	18	
HOLLIS	4249	7	37.1	31	-1.4	76.	13	8.	19	866.0	44.0	.0	.0	.010	31	-.58	.01	18	
LAWTON	5063	7	36.5	30	-.3	72.	17	10.	31	856.5	-17.5	.0	.0	.320	30	*****	.32	1	
FORT SILL	5068	7	37.5	31	*****	72.	22	10.	7	854.0	*****	.0	*****	.384	31	*****	.38	1	
LOOKEBA 2 ENE	5329	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.001	31	-.98	.00	18	
MANGUM RES STA	5509	7	39.1	31	.9	78.	13	8.	19	801.5	-29.5	.0	.0	.000	31	-.75	.00	31	
RANDLETT 9 E	7403	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.241	31	*****	.78	2	
ROOSEVELT	7727	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.001	31	-.86	.00	18	
SEDAN	8016	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.000	31	*****	.00	31	
SNYDER	8299	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.003	31	-.90	.00	18	
VINSON 3 WNW	9212	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.010	31	-.47	.01	18	
WALTERS	9278	7	40.3	31	.7	73.	13	10.	31	767.0	-20.0	.0	.0	.100	31	-1.27	.10	2	
WICHITA MT WLR	9629	7	36.8	28	*****	71.	14	3.	19	791.0	*****	.0	*****	.001	28	*****	.00	2	
WILLOW	9668	7	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.020	31	*****	.02	18	

JANUARY 1996 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

NAME	ID	CD	DEV				HEAT			DEV		COOL		DEV		TOT	NUM	DEV	
			MEAN	NUM	FROM	MAX	DEG	DAY	FROM	DEG	DAY	FROM	DEG	FROM	PPT			OBS	NORM
ADA	17	8	37.3	31	-1.7	74.	13	8.	31	860.0	54.0	.0	.0	1.423	31	-.04	.72	2	
ALLEN	147	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.220	31	*****	1.25	18	
ARDMORE	292	8	41.3	31	-.4	75.	13	11.	31	736.0	14.0	.0	.0	1.210	31	-.25	.80	2	
ATOKA DAM	394	8	38.1	21	*****	75.	16	10.	8	564.0	*****	.0	*****	1.523	21	*****	.76	24	
BOKCHITO	917	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.610	31	*****	.61	18	
CANEY	1437	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.140	31	*****	.68	2	
CENTRAHOMA	1648	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.650	31	*****	.25	1	
CHICKASAW NRA	1745	8	36.3	31	-.4	77.	24	5.	8	888.5	11.5	.0	.0	1.580	31	.14	.88	2	
COLEMAN	2011	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.160	31	*****	.55	23	
COMANCHE	2054	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.820	31	-.41	.80	1	
DAISY 4 ENE	2354	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.362	31	1.04	1.33	2	
DUNCAN	2660	8	37.2	30	-.3	73.	14	11.	31	833.5	-19.5	.0	.0	1.150	31	-.04	.53	2	
DURANT USDA	2678	8	39.5	30	1.3	75.	14	8.	20	765.0	-66.0	.0	.0	1.320	31	-.68	.63	18	
ELMORE CITY	2872	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.500	31	*****	.90	2	
GRADY	3688	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.360	31	*****	.70	18	
HEALDTON	4001	8	40.0	31	.6	75.	13	8.	19	774.5	-19.5	.0	.0	1.620	31	.21	.60	2	
HENNEPIN	4052	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.810	31	*****	.92	2	
KETCHUM RANCH	4780	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.500	31	*****	1.34	1	
KINGSTON	4865	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.020	31	.07	.69	2	
LEHIGH	5108	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.952	31	*****	1.00	3	
LINDSAY 2 W	5216	8	39.2	31	1.0	73.	13	8.	19	800.5	-30.5	.0	.0	.760	31	-.51	.43	2	
LOCO 6 SE	5247	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.480	31	*****	1.21	2	
MADILL	5468	8	39.9	31	-.5	76.	14	10.	19	777.5	14.5	.0	.0	1.853	31	.00	.95	1	
MARIETTA	5563	8	41.3	31	.6	77.	13	11.	19	734.0	-19.0	.0	.0	1.420	31	-.02	.69	2	
MARLOW 1 WSW	5581	8	40.0	31	1.6	73.	13	6.	19	774.0	-51.0	.0	.0	.871	31	-.20	.70	2	
MCGEE CREEK DAM	5713	8	38.2	31	*****	75.	14	10.	19	832.0	*****	.0	*****	2.273	31	*****	.96	18	
PAULS VALLEY	6926	8	38.9	31	.1	74.	13	8.	19	809.0	-3.0	.0	.0	1.330	31	-.14	.90	2	
PONTOTOC	7214	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.390	31	-.15	.85	1	
TISHOMINGO NWLR	8884	8	38.0	31	-1.9	76.	13	8.	19	838.5	60.5	.0	.0	1.580	31	-.14	1.35	1	
TUSSY	9032	8	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.230	31	*****	.46	3	
WAURIKA	9395	8	41.2	31	.7	74.	13	12.	19	736.5	-23.5	.0	.0	.001	31	-1.10	.00	31	
WAURIKA DAM	9399	8	39.4	21	*****	76.	16	10.	19	537.5	*****	.0	*****	1.322	31	*****	1.32	2	

JANUARY 1996 SUMMARY FOR SOUTHEAST DIVISION (CD9)

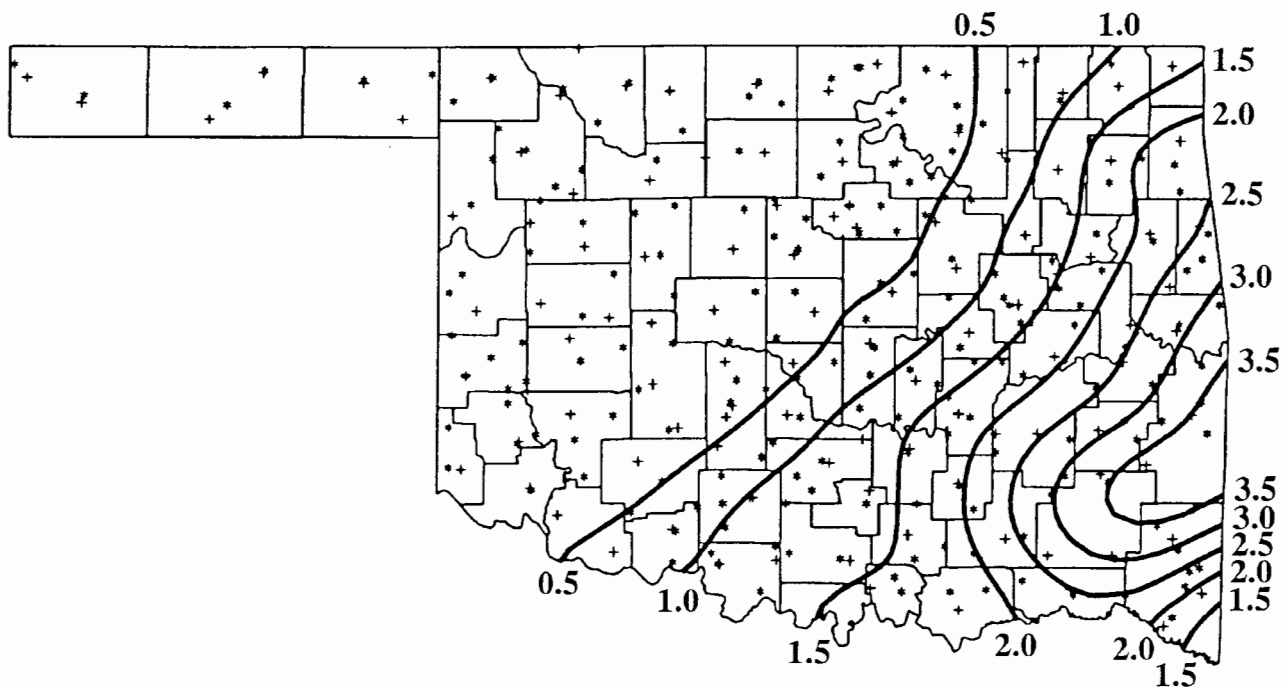
NAME	ID	CD	DEV						HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY	
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN DAY	MIN DAY										
ANTLERS	256	9	39.5	31	-.7	75.	13	8.	8	789.0	20.0	.0	.0	*****	0	*****	*****	0
BATTIEST 1 SSW	567	9	36.2	31	*****	71.	13	3.	8	892.0	*****	.0	*****	4.691	31	*****	1.78	18
BEAR MT TWR	584	9	39.3	29	*****	77.	30	7.	9	746.5	*****	.0	*****	3.122	29	*****	1.59	2
BENGAL	670	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.152	31	*****	1.28	18
BOSWELL 4 NNW	980	9	39.7	31	-.7	78.	14	8.	8	783.5	20.5	.0	.0	2.050	31	.01	1.15	18
BROKEN BOW 1 N	1162	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.650	31	.09	1.34	2
BROKEN BOW DAM	1168	9	38.0	31	-1.3	77.	15	6.	8	835.5	38.5	.0	.0	2.671	31	-.21	1.34	1
CARNASAW TWR	1499	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.170	31	-.65	.93	18
CARTER TWR	1544	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.520	31	.93	1.75	18
FANSHAW	3065	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.012	31	-.17	1.35	18
HEAVENER 1 SE	4008	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.910	31	1.75	1.64	17
HUGO	4384	9	41.4	31	-.5	76.	13	10.	8	733.0	17.0	.0	.0	2.781	31	.62	1.38	2
IDABEL	4451	9	39.2	31	-.7	76.	14	7.	9	800.0	22.0	.0	.0	2.574	31	-.15	1.11	2
PINE CREEK DAM	7080	9	38.7	21	*****	77.	17	5.	8	552.0	*****	.0	*****	3.700	22	*****	1.74	2
POTEAU W W	7254	9	36.6	31	*****	75.	13	6.	7	881.5	*****	.0	*****	3.733	31	*****	1.40	17
SMITHVILLE 1 W	8285	9	37.5	31	-1.2	73.	13	3.	8	852.5	37.5	.0	.0	4.457	31	1.48	2.20	2
SPIRO	8416	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.832	31	1.75	1.72	18
TUSKAHOMA	9023	9	39.4	31	-.9	74.	13	4.	8	794.0	28.0	.0	.0	3.411	31	1.39	1.33	2
VALLIANT 3 W	9118	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.741	31	.43	1.13	2
WILBURTON 9 ENE	9634	9	38.0	31	-.4	75.	13	5.	8	835.5	10.5	.0	.0	3.761	31	1.52	1.70	17

JANUARY 1996 CLIMATE DIVISION SUMMARY

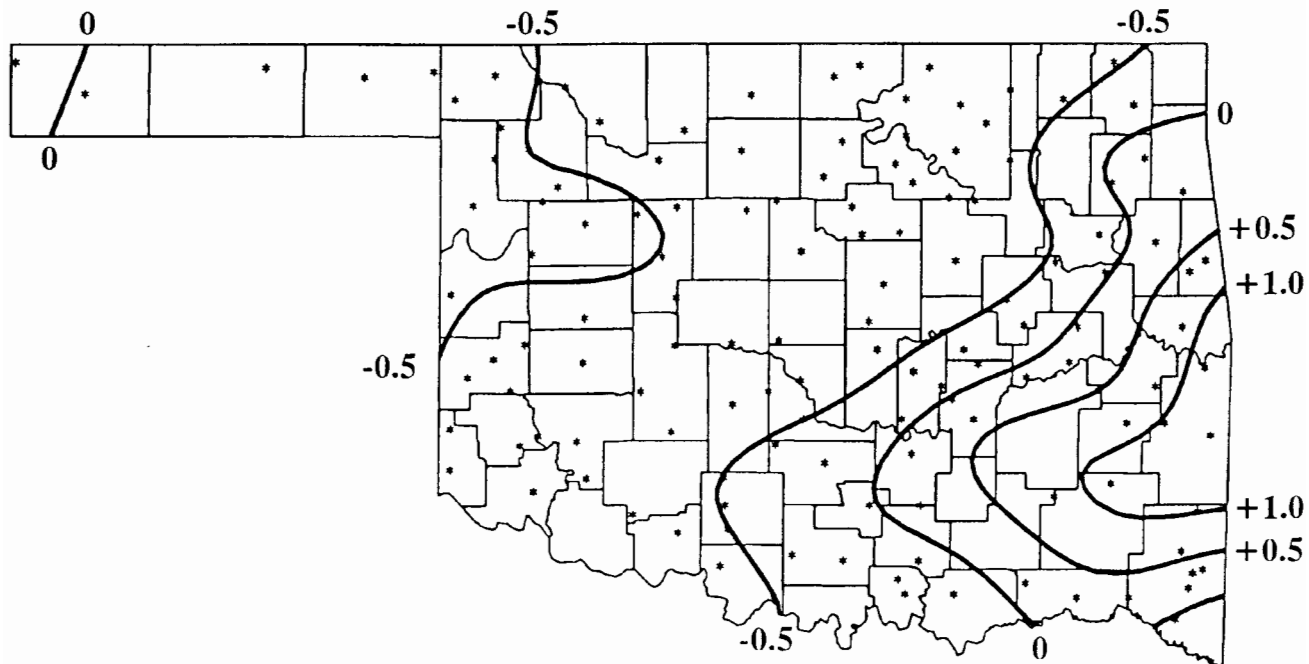
CLIMATE DIV	MEAN TEMP	NUM STA	DEV						HEAT DEGREE DAYS	DEV FROM NORM	COOL DEGREE DAYS	DEV FROM NORM	TOT PPT	NUM STA	DEV FROM NORM	MAX 24-HR	DAY
			FROM NORM	MAX TEMP	MIN DAY	MIN DAY	MIN DAY	MIN DAY									
1	33.9	10	.9	75.0	14	-8.0	31	959.3	-33.5	.0	.0	.11	11	-.30	.65	6	
2	34.0	13	.5	76.0	13	-4.0	20	955.3	-19.4	.0	.0	.05	18	-.73	.27	2	
3	34.7	18	.3	75.0	13	-4.0	19	930.7	-18.8	.0	.0	.90	26	-.56	2.50	18	
4	35.1	10	-.3	76.0	14	2.0	19	917.2	.7	.0	.0	.02	18	-.68	.17	18	
5	37.1	15	-.4	76.0	13	-3.0	19	859.4	-17.4	.0	.0	.41	35	-.82	1.40	18	
6	36.7	10	-.6	76.0	13	-2.0	19	872.8	13.5	.2	.2	2.02	26	.22	2.92	17	
7	38.6	8	.9	78.0	13	3.0	19	816.4	-31.9	.0	.0	.18	18	-.73	1.02	2	
8	39.2	14	.1	77.0	13	5.0	8	797.1	-5.7	.0	.0	1.48	31	-.07	1.35	1	
9	38.6	10	-1.5	78.0	14	3.0	8	819.7	46.5	.0	.0	3.18	17	.79	2.20	2	

MESONET MONTHLY DATA SUMMARY FOR JANUARY 1996

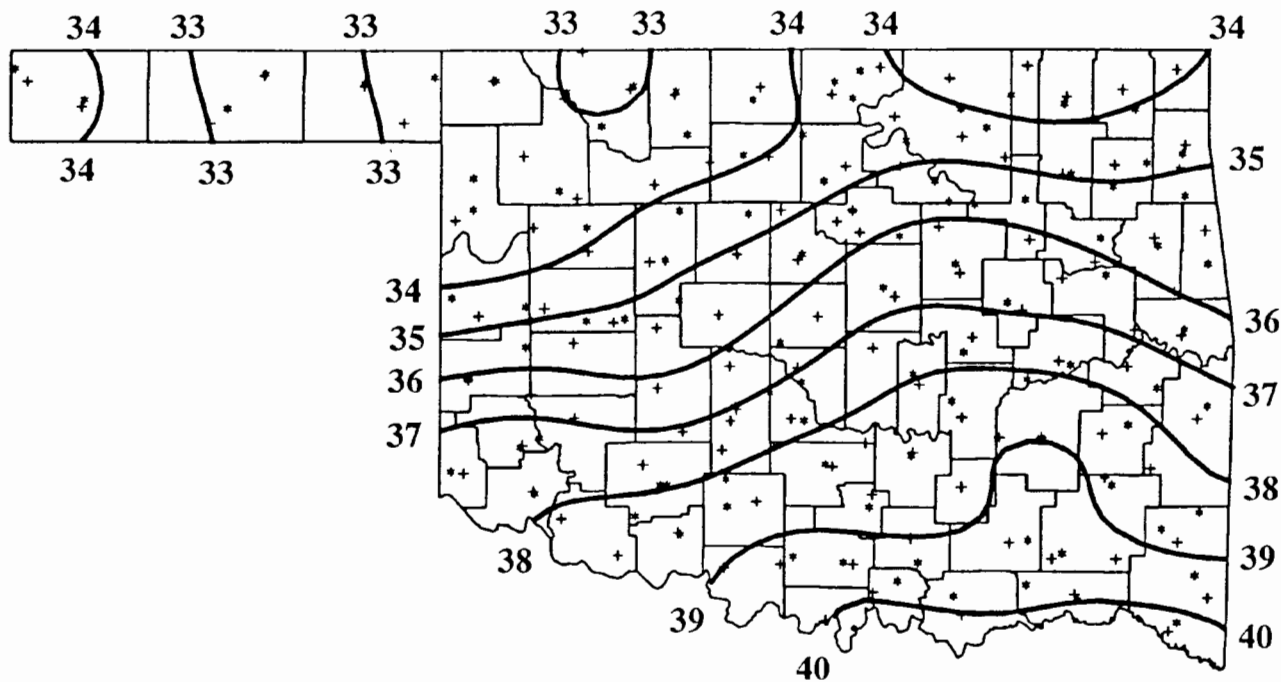
NAME	MEAN TEMP	MAX TEMP	MIN DAY	DAY	HDD	CDD	TOT PPT	MAX 24-HR	DAY	NAME	MEAN TEMP	MAX TEMP	MIN DAY	DAY	HDD	CDD	TOT PPT	MAX 24-HR	DAY		
NORTHWEST																					
ARNETT	33.6	77	13	4	19	972	0	.01	.01	1	GOODWELL	33.2	68	12	2	30	987	0	.02	.01	7
BEAVER	32.1	70	14	3	30	1021	0	.03	.02	17	HOOVER	31.8	68	28	1	30	1028	0	.06	.04	19
BOISE CITY	33.4	74	13	0	30	980	0	.06	.02	1	KENTON	34.4	74	13	0	30	950	0	.07	.06	6
BUFFALO	32.5	75	13	2	7	1008	0	.01	.01	19	SLAPOUT	32.4	70	13	2	19	1009	0	.06	.03	19
NORTH CENTRAL																					
ALVA	32.2	74	13	5	19	1015	0	.00	.00	1	MAY RANCH	32.5	74	13	2	19	1006	0	.00	.00	1
BLACKWELL	33.3	72	13	1	19	983	0	.07	.03	20	MEDFORD	32.6	72	13	2	19	1003	0	.03	.02	17
BRECKENRIDGE	33.4	74	13	3	19	980	0	.07	.04	3	NEWKIRK	32.7	72	13	-2	19	1002	0	.21	.08	3
CHEROKEE	32.0	73	13	5	19	1024	0	.02	.01	3	RED ROCK	34.0	74	13	-2	19	962	0	.11	.05	3
FAIRVIEW	34.1	75	13	5	19	957	0	.00	.00	1	SEILING	33.7	76	13	5	19	969	0	.00	.00	1
FREEDOM	33.0	77	13	3	19	993	0	.00	.00	1	WOODWARD	33.8	77	13	4	7	966	0	.00	.00	1
LAHOMA	33.3	73	13	4	19	983	0	.02	.02	17											
NORTHEAST																					
BIXBY	37.4	75	13	7	19	857	0	2.14	1.76	17	NOWATA	33.1	69	13	-3	19	990	0	.58	.19	17
BURBANK	32.8	73	13	-3	19	998	0	.17	.05	17	PAWNEE	35.3	75	13	-1	19	920	0	.14	.05	3
CLAREMORE	35.8	73	13	-1	19	905	0	.00	.00	30	PRYOR	35.9	71	13	3	19	902	0	3.09	2.29	17
COPAN	32.4	72	13	-1	19	1011	0	.89	.57	17	SKIATOOK	35.5	73	13	1	19	916	0	.67	.31	17
FORAKER	32.8	75	13	-2	19	997	0	.45	.24	17	TULLAHASSEE	36.3	72	13	5	19	889	0	2.12	1.33	17
JAY	34.8	73	13	0	19	936	0	2.68	1.01	17	VINITA	32.6	69	13	-3	19	1005	0	1.05	.33	17
MIAMI	33.2	70	14	0	19	987	0	1.28	.41	17	WYNONA	34.6	74	13	0	19	942	0	.34	.14	17
WEST CENTRAL																					
BESSIE	36.0	76	13	8	19	899	0	.00	.00	1	PUTNAM	33.8	76	13	4	19	966	0	.00	.00	1
BUTLER	35.2	77	13	5	19	924	0	.00	.00	1	RETROP	36.8	76	13	9	19	875	0	.00	.00	1
CAMARGO	32.4	76	13	3	19	1010	0	.00	.00	1	WATONGA	35.0	74	13	6	31	929	0	.00	.00	1
CHEYENNE	34.3	74	13	6	30	952	0	.00	.00	1	WEATHERFORD	34.6	73	13	6	19	941	0	.00	.00	1
ERICK	35.5	76	13	6	19	913	0	.00	.00	1											
CENTRAL																					
ACME	38.0	74	13	7	19	836	0	.45	.43	1	MINCO	36.5	76	13	7	19	884	0	.06	.03	1
BOWLEGS	38.0	76	13	8	19	838	0	1.81	1.36	17	NINNEKAH	37.7	75	13	8	19	846	0	.19	.16	1
BRISTOW	37.0	75	13	5	19	867	0	.51	.41	17	NORMAN	37.6	76	13	8	19	849	0	.14	.12	17
CHANDLER	36.2	74	13	3	19	893	0	.33	.25	17	OILTON	36.0	75	13	0	19	897	0	.88	.71	17
CHICKASHA	36.6	77	13	8	19	879	0	.12	.09	1	OKEMA	37.1	76	13	6	19	864	0	1.38	1.19	17
EL RENO	34.9	76	13	2	19	933	0	.03	.02	1	PERKINS	35.9	75	13	2	19	903	0	.10	.04	3
GUTHRIE	36.2	75	13	3	19	892	0	.14	.06	17	SHAWNEE	37.9	76	13	6	19	840	0	.49	.38	17
KINGFISHER	34.2	74	13	4	19	956	0	.05	.03	20	SPENCER	36.0	75	13	0	19	897	0	.10	.04	3
MARENA	35.6	76	13	0	19	911	0	.11	.05	3	STILLWATER	34.6	76	13	0	19	943	0	.03	.02	3
MARSHALL	33.4	74	13	0	19	979	0	.06	.05	20	WASHINGTON	37.7	75	13	7	19	845	0	.45	.34	1
EAST CENTRAL																					
CALVIN	38.6	77	13	10	8	819	0	1.27	.45	1	SALLISAW	37.6	76	13	8	19	848	0	2.70	.99	18
COOKSON	36.5	73	13	2	19	882	0	3.46	1.32	17	STIGLER	37.3	77	13	8	8	858	0	2.46	.99	17
EUFULA	38.5	75	13	8	19	821	0	2.28	.74	17	STUART	39.3	77	13	8	19	795	0	1.66	.57	1
HASKELL	36.7	73	13	6	19	876	0	.98	.60	17	TAHLEQUAH	34.6	73	13	1	19	942	0	1.36	.35	18
MCALESTER	38.9	75	13	9	8	808	0	2.64	1.08	17	WEBBERS FALLS	37.5	72	14	9	19	853	0	2.60	1.02	17
OKMULGEE	37.5	77	13	5	19	851	0	.92	.52	17	WESTVILLE	36.0	73	13	2	19	900	0	2.32	.89	18
SOUTHWEST																					
ALTUS	37.5	77	13	7	19	851	0	.01	.01	1	HOLLIS	37.7	77	13	8	19	847	0	.00	.00	22
APACHE	35.7	72	13	7	7	907	0	.16	.14	1	MANGUM	37.4	77	13	7	19	855	0	.00	.00	1
FORT COBB	35.8	73	13	7	19	906	0	.00	.00	1	MEDICINE PARK	38.3	73	13	10	31	802	0	.13	.11	1
GRANDFIELD	38.1	75	16	9	8	833	0	.80	.80	1	TIPTON	37.2	75	22	8	18	861	0	.23	.23	1
HINTON	35.0	73	13	7	19	929	0	.01	.01	1	WALTERS	38.2	75	13	10	19	831	0	1.15	1.06	1
HOBART	35.8	74	13	6	19	906	0	.00	.00	1											
SOUTH CENTRAL																					
ADA	39.6	77	13	10	19	788	0	1.81	.81	1	LANE	39.4	74	13	11	8	793	0	3.00	1.39	17
ARDMORE	41.0	77	13	11	19	744	0	1.26	.77	1	MADILL	41.6	79	13	13	19	725	0	1.33	.72	1
BURNEYVILLE	39.7	77	13	10	19	785	0	1.65	.96	1	PAULS VALLEY	39.5	76	13	12	7	791	0	.01	.01	17
BYARS	38.6	73	13	9	19	818	0	1.43	.64	17	RINGLING	39.4	76	13	11	19	794	0	1.62	.99	1
CENTRAHOMA	39.1	78	13	9	8	803	0	1.58	.87	1	SULPHUR	37.1	74	13	8	19	863	0	1.37	.72	1
DURANT	41.6	76	13	13	19	724	0	1.87	.87	1	TISHOMINGO	38.5	76	13	8	19	822	0	.48	.24	1
KETCHUM RANCH	38.0	73	13	9	19	838	0	1.33	1.17	1	WAURIKA	39.3	75	13	11	19	798	0	1.15	1.09	1
SOUTHEAST																					
ANTLERS	39.8	78	13	5	8	782	0	2.90	.76	17	IDABEL	42.0	77	13	9	8	716	3	2.23	.96	1
BROKEN BOW	41.8	79	13	8	8	720	0	.03	.03	30	MT HERMAN	38.8	72	13	5	8	811	0	3.45	1.06	18
CLAYTON	39.3	76	13	9	8	797	0	3.08	1.13	1	TALIHINA	39.0	75	13	7	8	807	0	5.13	1.74	23
CLOUDY	40.0	74	13	8	8	774	0	3.38	.87	18	WILBURTON	38.8	77	13	8	8	812	0	2.23	1.12	17
HUGO	40.9	77	13	12	8	748	0	2.99	1.03	1	WISTER	37.1	75	13	6	8	866	2	3.07	1.00	18



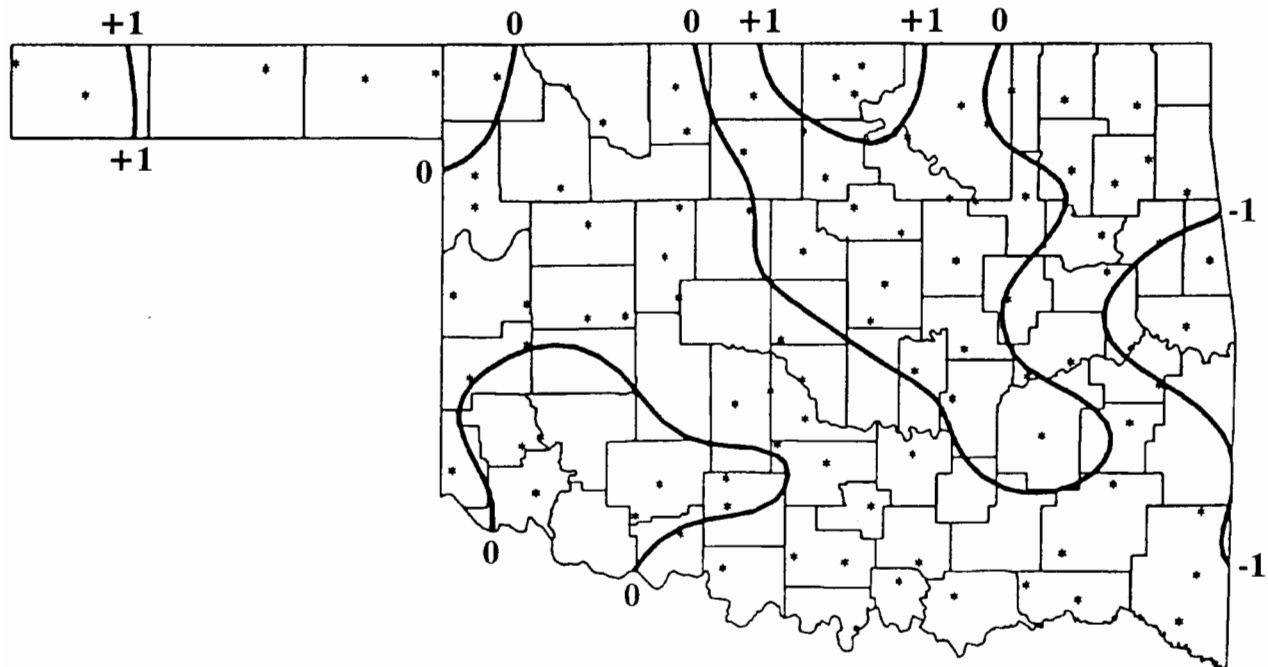
JANUARY 1996 TOTAL PRECIPITATION
(Inches)



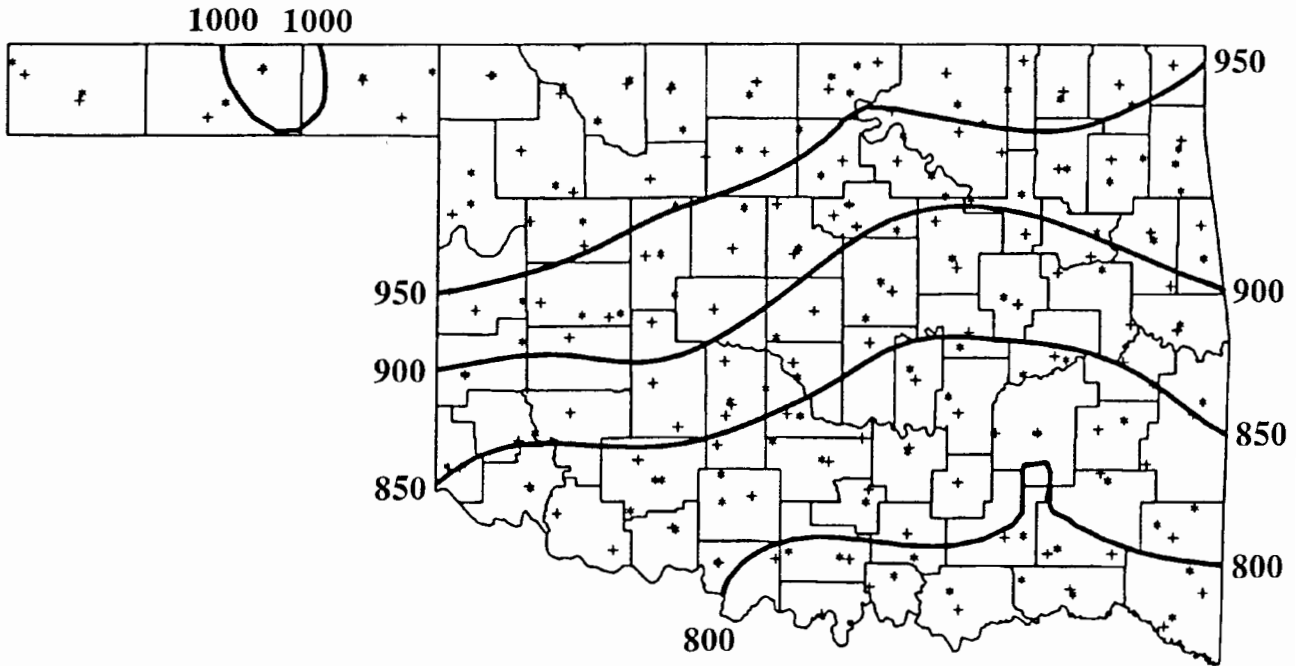
JANUARY 1996 DEVIATION FROM NORMAL PRECIPITATION
(Inches)



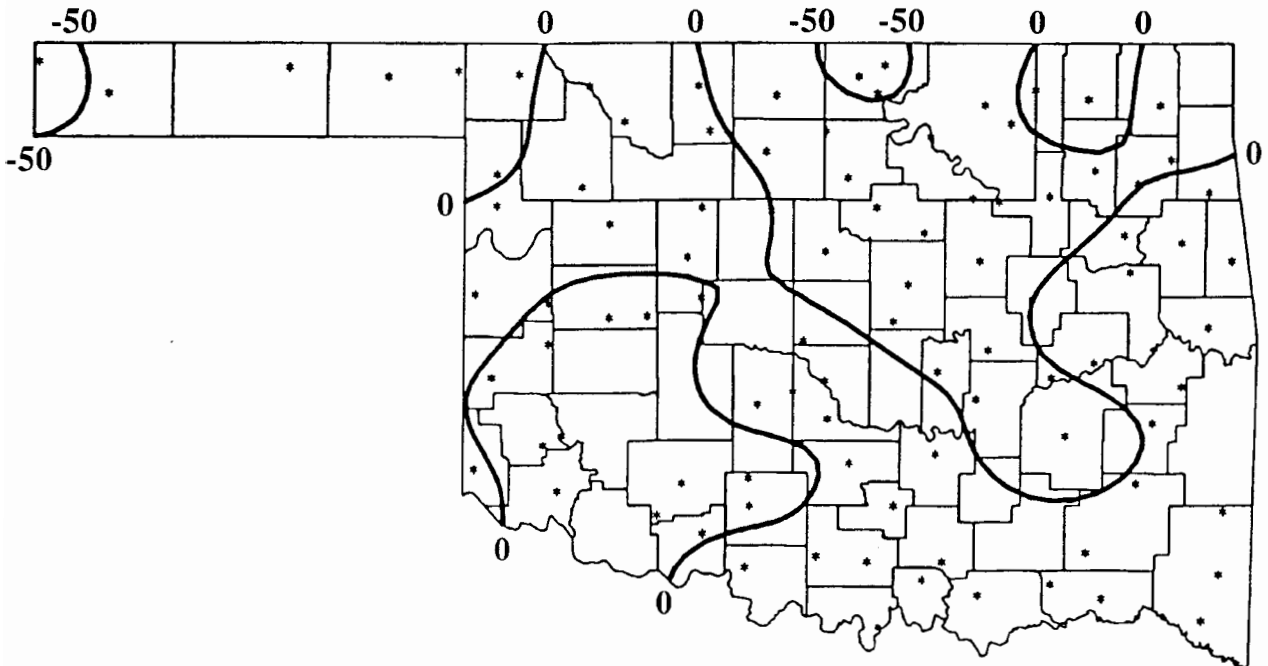
JANUARY 1996 AVERAGE MONTHLY TEMPERATURES
(Degrees F)



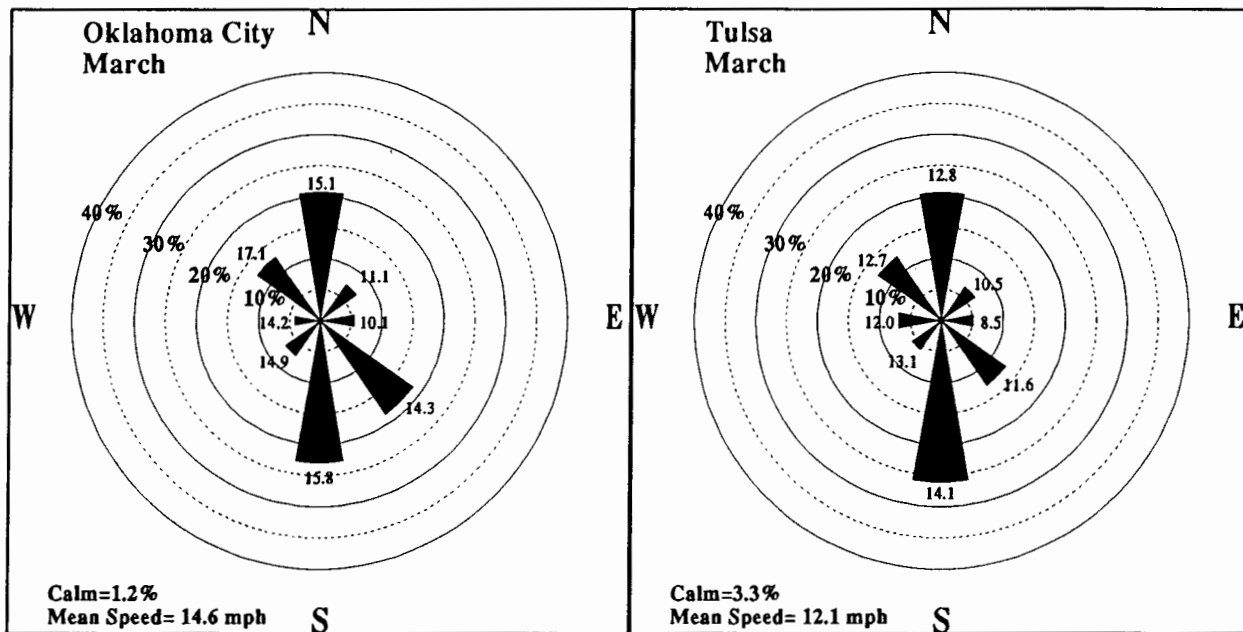
JANUARY 1996 DEVIATION FROM NORMAL TEMPERATURES
(Degrees F)



JANUARY 1996 HEATING DEGREE DAYS



JANUARY 1996 DEVIATION FROM NORMAL HEATING DEGREE DAYS



March Wind Roses for Oklahoma City and Tulsa. Percents represent the frequency of winds from each speed direction. The numbers at the ends of the bars indicate the average wind speed (miles per hour) from that direction.

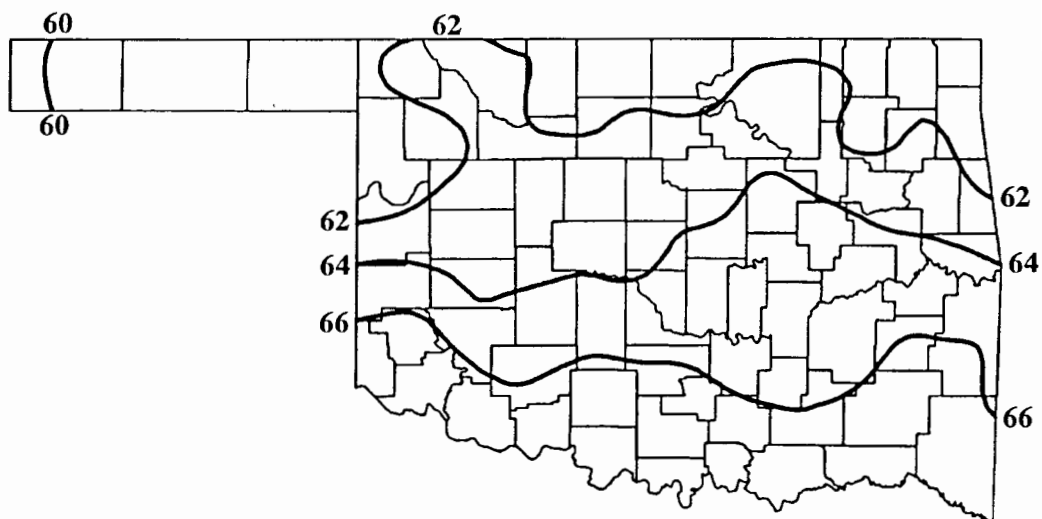
MARCH 1996 SUNRISE AND SUNSET

OKLAHOMA CITY

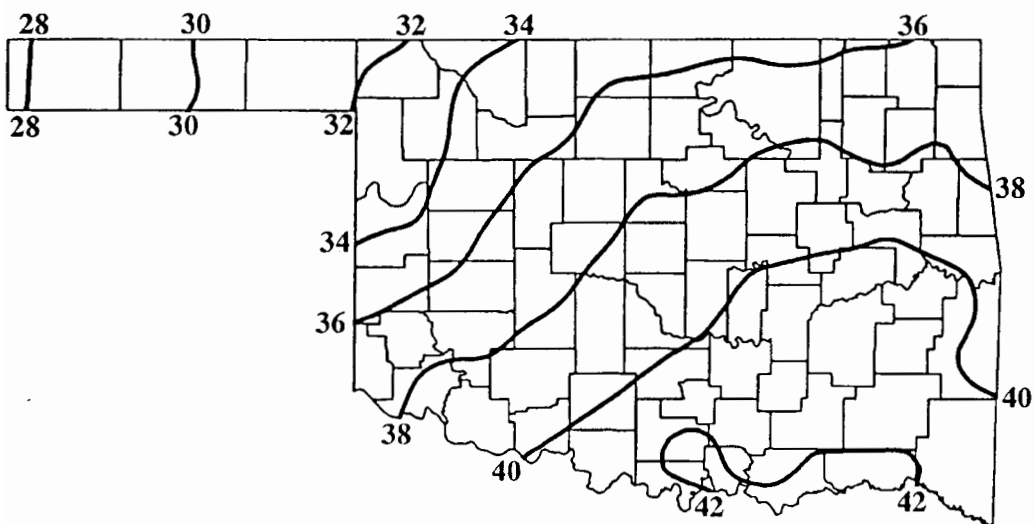
TULSA

DATE	SUNRISE	SUNSET	DAYLIGHT
96 3 1	7: 0AM	6:26PM cst	11 hrs 25 mins
96 3 2	6:59AM	6:26PM cst	11 hrs 27 mins
96 3 3	6:58AM	6:27PM cst	11 hrs 29 mins
96 3 4	6:57AM	6:28PM cst	11 hrs 32 mins
96 3 5	6:55AM	6:29PM cst	11 hrs 34 mins
96 3 6	6:54AM	6:30PM cst	11 hrs 36 mins
96 3 7	6:53AM	6:31PM cst	11 hrs 38 mins
96 3 8	6:51AM	6:32PM cst	11 hrs 41 mins
96 3 9	6:50AM	6:33PM cst	11 hrs 43 mins
96 310	6:48AM	6:33PM cst	11 hrs 45 mins
96 311	6:47AM	6:34PM cst	11 hrs 47 mins
96 312	6:46AM	6:35PM cst	11 hrs 49 mins
96 313	6:44AM	6:36PM cst	11 hrs 52 mins
96 314	6:43AM	6:37PM cst	11 hrs 54 mins
96 315	6:41AM	6:38PM cst	11 hrs 56 mins
96 316	6:40AM	6:38PM cst	11 hrs 58 mins
96 317	6:39AM	6:39PM cst	12 hrs 1 mins
96 318	6:37AM	6:40PM cst	12 hrs 3 mins
96 319	6:36AM	6:41PM cst	12 hrs 5 mins
96 320	6:34AM	6:42PM cst	12 hrs 7 mins
96 321	6:33AM	6:43PM cst	12 hrs 10 mins
96 322	6:31AM	6:43PM cst	12 hrs 12 mins
96 323	6:30AM	6:44PM cst	12 hrs 14 mins
96 324	6:29AM	6:45PM cst	12 hrs 16 mins
96 325	6:27AM	6:46PM cst	12 hrs 19 mins
96 326	6:26AM	6:47PM cst	12 hrs 21 mins
96 327	6:24AM	6:47PM cst	12 hrs 23 mins
96 328	6:23AM	6:48PM cst	12 hrs 25 mins
96 329	6:21AM	6:49PM cst	12 hrs 28 mins
96 330	6:20AM	6:50PM cst	12 hrs 30 mins
96 331	6:19AM	6:51PM cst	12 hrs 32 mins

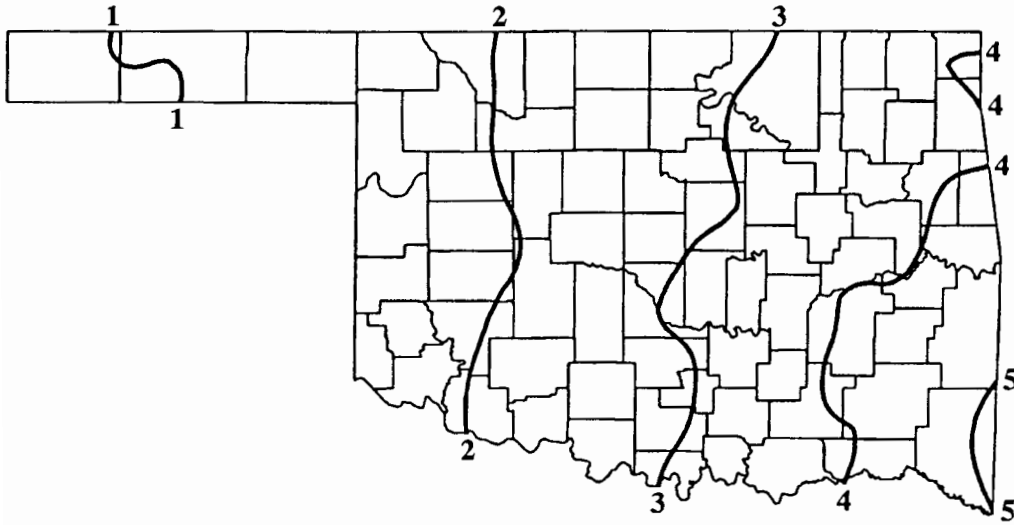
DATE	SUNRISE	SUNSET	DAYLIGHT
96 3 1	6:54AM	6:18PM cst	11 hrs 24 mins
96 3 2	6:53AM	6:19PM cst	11 hrs 26 mins
96 3 3	6:52AM	6:20PM cst	11 hrs 28 mins
96 3 4	6:50AM	6:21PM cst	11 hrs 31 mins
96 3 5	6:49AM	6:22PM cst	11 hrs 33 mins
96 3 6	6:48AM	6:23PM cst	11 hrs 35 mins
96 3 7	6:46AM	6:24PM cst	11 hrs 38 mins
96 3 8	6:45AM	6:25PM cst	11 hrs 40 mins
96 3 9	6:43AM	6:25PM cst	11 hrs 42 mins
96 310	6:42AM	6:26PM cst	11 hrs 44 mins
96 311	6:41AM	6:27PM cst	11 hrs 47 mins
96 312	6:39AM	6:28PM cst	11 hrs 49 mins
96 313	6:38AM	6:29PM cst	11 hrs 51 mins
96 314	6:36AM	6:30PM cst	11 hrs 54 mins
96 315	6:35AM	6:31PM cst	11 hrs 56 mins
96 316	6:33AM	6:32PM cst	11 hrs 58 mins
96 317	6:32AM	6:32PM cst	12 hrs 1 mins
96 318	6:30AM	6:33PM cst	12 hrs 3 mins
96 319	6:29AM	6:34PM cst	12 hrs 5 mins
96 320	6:28AM	6:35PM cst	12 hrs 7 mins
96 321	6:26AM	6:36PM cst	12 hrs 10 mins
96 322	6:25AM	6:37PM cst	12 hrs 12 mins
96 323	6:23AM	6:38PM cst	12 hrs 14 mins
96 324	6:22AM	6:38PM cst	12 hrs 17 mins
96 325	6:20AM	6:39PM cst	12 hrs 19 mins
96 326	6:19AM	6:40PM cst	12 hrs 21 mins
96 327	6:17AM	6:41PM cst	12 hrs 24 mins
96 328	6:16AM	6:42PM cst	12 hrs 26 mins
96 329	6:14AM	6:43PM cst	12 hrs 28 mins
96 330	6:13AM	6:43PM cst	12 hrs 31 mins
96 331	6:11AM	6:44PM cst	12 hrs 33 mins



March Normal Daily Maximum Temperatures (°F)



March Normal Daily Minimum Temperatures (°F)



March Normal Monthly Precipitation (inches)

SEASONAL NATIONAL WEATHER SERVICE OUTLOOK

(March through May 1996)

Precipitation - Near Normal Statewide

Temperature - Near Normal Statewide

OKLAHOMA CITY CLIMATE CALENDAR

March 1996

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	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual																		
58.6 33.5 1.0 19 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	85-1976 20-1980 4-1913 56-1940 1-71-1948	58.5 35.6 1.1 18 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1904 23-1943 6-1922 62-1976 2-04-1988	54.8 31.8 0.4 22 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	84-1998 18-1960 8-1960 60-1998 67-1933	55.1 33.0 0.3 21 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1991 24-1920 10-1960 59-1921 2-13-1894	58.5 34.0 0.6 19 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	83-1974 21-1943 8-1943 58-1911 1-45-1973	57.5 34.7 0.6 19 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	83-1925 22-1932 7-1920 61-1974 1-33-1905	59.4 37.7 0.2 16 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	84-1943 28-1892 13-1895 58-1919 2-34-1944	60.7 38.0 0.7 16 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	84-1908 28-1892 18-1895 56-1945 1-25-1987	61.6 38.4 0.7 14 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1908 24-1992 11-1892 58-1921 85-1905	62.3 39.3 0.5 14 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	89-1907 30-1965 9-1923 62-1998 48-1968	61.6 38.9 0.7 15 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	97-1907 26-1965 10-1923 63-1921 1-73-1903	61.9 38.4 0.19 15 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	92-1907 33-1913 12-1965 64-1935 2-18-1995	60.3 36.7 0.4 17 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	95-1916 29-1955 16-1913 64-1907 1-23-1921	64.4 37.8 0.8 14 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	83-1995 13-1913 3-1955 63-1907 1-37-1979	63.3 38.7 1.9 14 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1929 36-1974 20-1898 64-1907 2-35-1984	63.1 40.4 0.6 14 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	85-1972 33-1937 13-1955 67-1907 2-02-1938	65.2 41.3 1.0 12 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	90-1895 32-1899 13-1913 68-1907 2-09-1912	66.2 43.5 1.3 11 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1928 36-1931 16-1931 62-1985 2-84-1988
57.2 35.0 1.1 19 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	84-1911 26-1932 9-1967 60-1897 2-06-1994	59.3 37.1 0.4 17 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	90-1967 27-1950 4-1948 59-1972 1-30-1898	59.8 36.7 0.2 17 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	90-1967 34-1924 14-1950 66-1918 1-39-1922	59.3 37.1 0.4 17 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	90-1967 27-1950 4-1948 59-1972 1-30-1898	59.8 36.7 0.2 17 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	90-1967 34-1924 14-1950 66-1918 1-39-1922	62.5 36.7 0.7 16 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	84-1938 26-1895 13-1895 56-1955 1-04-1990	63.3 42.2 0.5 13 1 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	87-1895 34-1987 19-1894 65-1963 99-1957	63.3 41.7 1.3 13 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1904 28-1926 22-1987 65-1895 1-82-1903	68.0 43.8 1.0 15 1 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	94-1940 40-1901 20-1926 62-1967 1-29-1988	63.3 42.2 0.5 13 1 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	87-1895 34-1987 19-1894 65-1963 99-1957	63.3 41.7 1.3 13 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1904 28-1926 22-1987 65-1895 1-82-1903	68.0 43.8 1.0 15 1 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	94-1940 40-1901 20-1926 62-1967 1-29-1988	63.3 42.2 0.5 13 1 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	87-1895 34-1987 19-1894 65-1963 99-1957	63.3 41.7 1.3 13 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1904 28-1926 22-1987 65-1895 1-82-1903	68.0 43.8 1.0 15 1 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	94-1940 40-1901 20-1926 62-1967 1-29-1988						

MARCH AVERAGES

TEMPERATURE : 49.4°F

PRECIPITATION : 2.52"

HEATING DEGREE DAYS : 492

COOLING DEGREE DAYS : 3

TULSA CLIMATE CALENDAR

March 1996

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	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual						
59.0 34.0 1.0 19 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	81-1967 25-1980 9 53-1974 1.63-1973	58.0 35.0 0.6 18 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	84-1976 25-1995 7-1943 59-1970 2.06-1988	56.0 33.0 0.3 20 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1991 20-1960 6-1990 57-1983 1.37-1963	59.0 37.0 0.7 17 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1955 29-1948 4-1948 60-1955 1.91-1974	58.0 34.0 0.3 18 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	87-1956 33-1960 13-1943 52-1990 1.57-1973	59.0 37.0 0.5 17 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	92-1967 33-1975 12-1948 62-1990 90-1953	60.0 38.0 0.3 16 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	84-1921 38-1960 21-1970 57-1983 32-1981	62.0 38.0 0.6 15 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	86-1908 35-1960 22-1962 58-1982 1.03-1970	61.0 39.0 0.9 14 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	98-1916 34-1970 20-1906 55-1994 1.45-1977	64.0 40.0 1.28 13 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1907 33-1974 21-1968 61-1994 2.50-1969	66.0 42.0 1.08 11 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1910 34-1955 14-1955 70-1991 1.07-1977	68.0 44.0 1.09 10 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	90-1963 46-1970 17-1931 59-1985 1.65-1988		
57.0 35.0 1.0 19 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	87-1925 33-1960 9-1962 53-1974 1.63-1973	59.0 36.0 0.8 17 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1911 35-1964 12-1932 63-1990 99-1964	59.0 37.0 0.7 17 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	94-1967 17-1948 -1-1948 62-1967 1.97-1990	63.0 39.0 1.4 14 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	98-1916 34-1970 20-1906 55-1994 1.45-1977	63.0 41.0 1.1 14 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	99-1907 30-1965 12-1923 61-1979 1.24-1979	62.0 40.0 0.9 14 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	96-1907 32-1965 8-1923 58-1982 1.15-1968	62.0 40.0 0.9 14 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	99-1907 30-1965 12-1923 61-1979 1.24-1979	64.0 41.0 0.8 13 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	96-1907 32-1965 8-1923 58-1982 1.15-1968	64.0 41.0 0.8 13 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	96-1907 32-1965 8-1923 58-1982 1.15-1968	64.0 41.0 0.8 13 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	96-1907 32-1965 8-1923 58-1982 1.15-1968	66.0 42.0 1.08 11 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	88-1956 41-1948 13-1913 59-1985 1.86-1975	68.0 44.0 1.09 10 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	90-1963 46-1970 17-1931 59-1985 1.65-1988		
55.0 43.0 0.8 11 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	90-1967 34-1987 24-1944 67-1963 1.15-1985	55.0 43.0 1.2 12 1 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	86-1981 36-1954 21-1964 66-1967 1.78-1973	55.0 43.0 0.8 11 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	86-1918 34-1955 14-1955 70-1991 1.07-1977	58.0 37.0 0.7 17 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1955 29-1948 4-1948 60-1955 1.91-1974	58.0 37.0 0.7 17 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1955 29-1948 4-1948 60-1955 1.91-1974	58.0 37.0 0.7 17 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1955 29-1948 4-1948 60-1955 1.91-1974	58.0 37.0 0.7 17 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1955 29-1948 4-1948 60-1955 1.91-1974	58.0 37.0 0.7 17 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1955 29-1948 4-1948 60-1955 1.91-1974	58.0 37.0 0.7 17 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1955 29-1948 4-1948 60-1955 1.91-1974	58.0 37.0 0.7 17 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1955 29-1948 4-1948 60-1955 1.91-1974	58.0 37.0 0.7 17 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1955 29-1948 4-1948 60-1955 1.91-1974	58.0 37.0 0.7 17 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1955 29-1948 4-1948 60-1955 1.91-1974	58.0 37.0 0.7 17 0 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	91-1955 29-1948 4-1948 60-1955 1.91-1974

MARCH AVERAGES

TEMPERATURE : 49.7°F
 PRECIPITATION : 3.06"
 HEATING DEGREE DAYS : 477
 COOLING DEGREE DAYS : 6