

The Oklahoma Climatological Survey was established with its own budget and offices in the spring of 1980. The mission of the Survey is to provide a climatological archiving and information service to the State of Oklahoma. Although as many as 160 stations may appear in any one summary, it may not be possible to list every station report received at the Survey as we plan to have the summaries in the mail before the middle of each month. If you would like information about a station that does appear, please feel free to contact the Climate Survey. If you would like to know more about the services we offer or our plans for the future, please let us hear from you. You can help us by contributing to our newspaper clipping file. If you see an article in your local newspaper dealing with some impact of climate on your community, please clip it and send it to us along with the name of the newspaper and the date the article appeared.

OKLAHOMA CLIMATE SUMMARY FEBRUARY 1988

February weather produced 24-hour temperature swings of 40 degrees, treacherously icy road conditions, and numerous damaging grass fires. All CD's recorded below normal temperatures. Oklahoma also experienced below normal precipitation. The eastern one-third of the State averaged less than .25".

Very cold temperatures at the beginning of February contrasted sharply with the balmy end of January. On the 2nd of February, below-freezing Arctic air entered the State behind a cold front, which lowered maximum temperatures Statewide by about 30 degrees from those of the previous day. Some central Oklahoma stations, including Bristow and Holdenville, recorded 40 degree temperature changes. The National Weather Service issued a freezing rain advisory for all but southeastern Oklahoma. Icy roads resulted in numerous accidents and 2 traffic fatalities.

Below freezing temperatures were common in all but the extreme southeast during the first week of February. Daily high temperatures averaged nearly 11 degrees cooler than normal. By the 7th, winds had become southerly, initiating a 10-20 degree warming over the next three days. Another mass of Arctic air plunged through the State on the 10th. Most stations recorded their lowest temperatures of the month on the 11th or 12th. Wind chills of -20 degrees were common Statewide. Sub-zero temperatures prevailed over the northern one-third of the State on the morning of the 11th. By the 12th all CD's had recorded single digit readings. Snow fell as far south as Lawton, Altus, and McAlester.

The wettest weather event of this abnormally dry February occurred on the 18th and 19th. A strengthening low pressure system moved toward the State producing rain over the eastern two-thirds of Oklahoma. Rainfall amounts on the 19th included Miami .89", Stroud and Okmulgee 1.13", Daisy 1.52", Tishomingo .69", and Hugo 1.51".

As that storm system left the State, the jet stream and its accompanying storm track shifted northward, leaving Oklahoma with several days of dry weather. Strong southerly winds quickly dried the dead or dormant grass. The National Weather Service issued a fire danger alert in response to these dangerous conditions. The alert preceded several days of grass fires. According to the Oklahoma City Fire Department, 22 grass fires were reported in a 15-hour period on the 22nd. Firefighters battled a 4000 acre grass fire for seven hours near the Greer-Beckham County line, combatting flames fanned by 30 mph winds. A grass fire in the Jones area destroyed 20 acres of grassland, several outbuildings and a house.

Warmer temperatures toward the end of the month increased the fire threat. Temperatures in the 70's were recorded Statewide as most stations experienced their highest temperature of the month between the 26th and 29th.

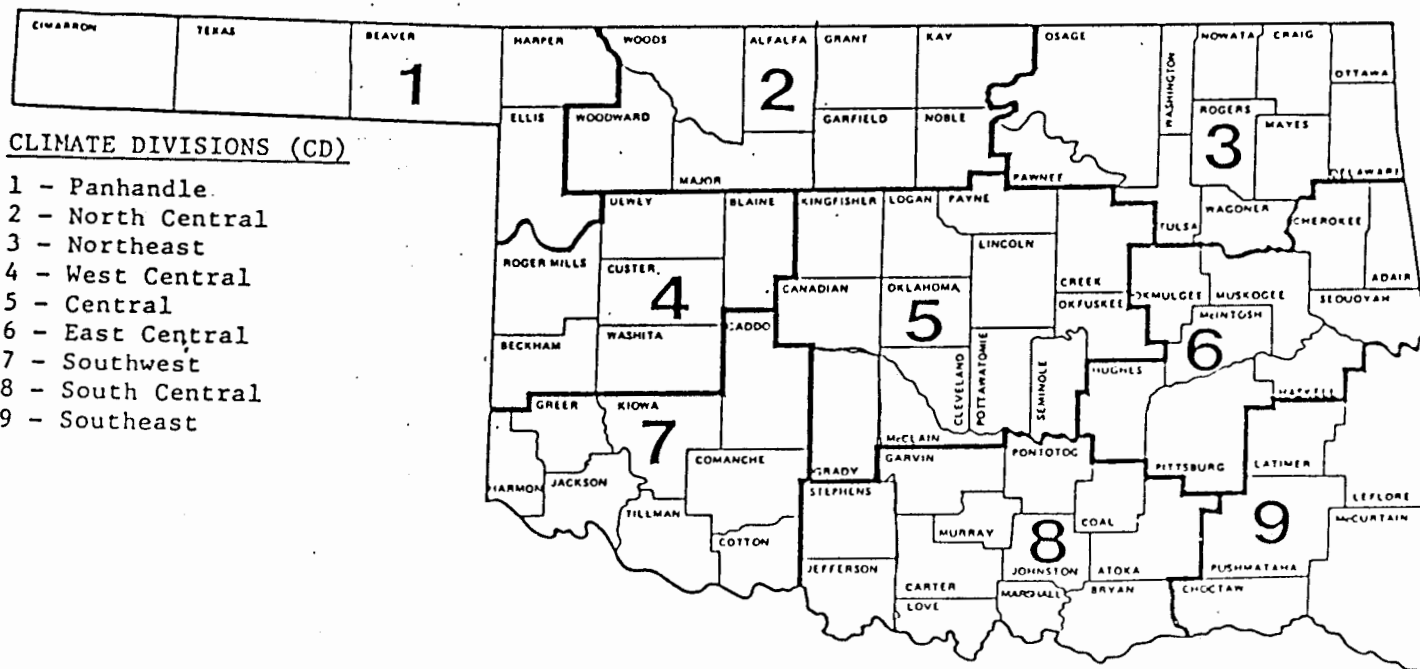
TABLE OF 1987/1988 COMPARISONS

Station	February Temperatures		February Precipitation	
	1987	1988	1987	1988
Arnett	42.5	36.9	2.820	.051
Enid	44.7	39.7	3.650	.192
Mutual	42.5	36.6	2.631	.016
Tulsa	45.8	40.0	3.475	1.031
Elk City	43.6	41.3	3.643	.073
Oklahoma City	46.2	40.5	4.725	.414
McAlester	47.3	42.0	4.122	1.143
Altus Irr. Sta.	48.1	42.0	2.852	.100
Durant	48.2	42.0	4.600	2.040
Ada	47.1	43.6	5.681	.682
Antlers	49.5	46.8	3.020	1.640

EXTREMES

Variable	Station	Division	Observation	Date
Minimum temperatures (F)	Beaver	1	-1	12
	Buffalo	1	-1	11
	Newkirk	2	-1	11
	Bartlesville	3	-1	11
	Hulah Dam	3	-1	12
	Pawhuska	3	-1	11
	Ralston	3	-1	11
	Hollis	7	82	28
Maximum 24-hour precipitation	Bokchito	8	2.00"	17

O K L A H O M A



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 summed. 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 summed. 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.

EXPLANATION OF MAPS

To give a Statewide perspective, a series of maps is produced each month from the information contained in the station tables. Each map is calculated using between 50 and 200 observations. Only stations with complete monthly records are used. Each observation is put into one of three categories and assigned a plus (+), minus (-), or a dot (.). The minus is the lowest numeric category, the dot is the middle and the plus the highest numeric category. If a map location has no report, a value is estimated. Each map is accompanied by its own legend. The categories will vary from month to month throughout the year. The categories for the deviations from normal maps will always remain constant. This is to facilitate comparisons between months and across years.

FEBRUARY 1988 SUMMARY FOR NORTHWEST DIVISION (CD1)

NAME	ID	DIV	DEV						HEAT		DEV		COOL		DEV		TOT PPT	NUM OBS	FROM NORM	MAX 24-HR	DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN DAY	DAY	DEG DAY	FROM NORM	DEG DAY	FROM NORM	DEG DAY	FROM NORM							
ARNETT	332	1	36.9	28	-1.3	78.	28	2.	12	785.5	35.5	0.0	0.0	.051	29	-.62	.02	15			
BEAVER	593	1	35.3	28	-2.8	73.	13	-1.	12	832.0	79.0	0.0	0.0	.050	29	-.53	.03	11			
BOISE CITY	908	1	38.0	29	-.3	74.	13	4.	11	783.5	35.5	0.0	0.0	.130	29	-.36	.08	17			
BUFFALO	1243	1	40.1	29	-.3	75.	28	-1.	11	723.0	34.0	0.0	0.0	.100	29	-.82	.05	14			
FARGO	3070	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.022	29	-.83	.01	15			
GAGE	3407	1	37.9	29	-.4	76.	29	4.	11	786.5	38.5	0.0	0.0	.015	29	-.81	.01	14			
GATE	3489	1	38.6	28	999.0	74.	12	3.	10	739.0	9999.0	0.0	9999.0	0.000	29	99.99	0.00	29			
GOODWELL RES.STA.	3628	1	35.6	28	-3.0	73.	13	0.	11	823.5	84.5	0.0	0.0	.027	29	-.28	.01	17			
GUYMON	3835	1	36.6	26	999.0	75.	13	1.	11	739.5	9999.0	0.0	9999.0	.006	28	99.99	.00	17			
HOOKER	4289	1	36.6	28	999.0	74.	13	2.	12	796.0	9999.0	0.0	9999.0	.080	29	-1.31	.04	17			
KENTON	4766	1	35.1	28	-3.5	73.	13	4.	11	837.5	98.5	0.0	0.0	.170	29	-.11	.13	17			
LAVERNE	5045	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.053	29	-.83	.05	15			
OPTIMA LAKE	6740	1	36.0	21	999.0	72.	26	0.	11	609.5	9999.0	0.0	9999.0	0.000	29	99.99	0.00	29			
REGNIER	7534	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.090	29	-.18	.09	17			
TURPIN	9017	1	35.7	28	999.0	73.	13	1.	11	820.0	9999.0	0.0	9999.0	0.000	29	99.99	0.00	29			

FEBRUARY 1988 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)

NAME	ID	DIV	DEV						HEAT		DEV		COOL		DEV		TOT PPT	NUM OBS	FROM NORM	MAX 24-HR	DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN DAY	DAY	DEG DAY	FROM NORM	DEG DAY	FROM NORM	DEG DAY	FROM NORM							
ALVA	194	2	38.2	29	-1.1	81.	26	1.	11	777.5	57.5	0.0	0.0	.180	29	-.69	.18	15			
VANCE AFB	302	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.006	27	99.99	.00	19			
BILLINGS	755	2	36.1	28	999.0	75.	28	2.	11	808.0	9999.0	0.0	9999.0	.303	29	-.92	.21	19			
BLACKWELL	818	2	37.1	29	999.0	74.	28	0.	11	809.0	9999.0	0.0	9999.0	.025	29	99.99	.01	19			
BRAMON	1075	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.123	29	99.99	.08	4			
CEDARDALE	1620	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.004	29	99.99	.00	10			
CHEROKEE	1724	2	39.9	28	.0	76.	28	3.	11	702.5	-.5	0.0	0.0	0.000	28	-.92	0.00	29			
ENID	2912	2	39.6	29	-1.1	75.	28	2.	11	736.0	56.0	0.0	0.0	.192	29	-.97	.12	10			
FT.SUPPLY DAM	3304	2	35.9	28	-3.9	76.	28	0.	11	815.5	109.5	0.0	0.0	.004	29	-.85	.00	15			
FREEDOM	3358	2	37.8	29	999.0	78.	26	2.	11	788.0	9999.0	0.0	9999.0	.130	29	99.99	.13	15			
GREAT SALT PLAINS	3740	2	37.6	28	999.0	76.	27	1.	11	767.0	9999.0	0.0	9999.0	.023	29	-.80	.01	4			
HARDY	3909	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.253	29	99.99	.22	18			
HELENA	4019	2	36.7	28	999.0	76.	28	2.	12	791.0	9999.0	0.0	9999.0	.006	29	-.99	.00	15			
JEFFERSON	4573	2	38.4	29	-1.2	76.	28	2.	11	770.0	59.0	0.0	0.0	.064	29	-.91	.06	3			
LAHOMA AG	4950	2	35.8	25	999.0	54.	27	22.	13	730.0	9999.0	0.0	9999.0	.060	27	99.99	.04	3			
LAMONT	5013	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.101	29	99.99	.04	4			
MEDFORD	5768	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.082	29	99.99	.07	3			
MORRISON	6065	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.452	29	99.99	.35	19			
MUTUAL	6139	2	36.6	28	-2.6	76.	28	2.	12	796.0	74.0	0.0	0.0	.016	29	-.91	.01	4			
NEWKIRK	6278	2	37.8	29	-1.1	72.	28	-1.	11	787.5	56.5	0.0	0.0	.181	29	-.92	.10	15			
ORIENTA	6751	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.060	29	99.99	.06	15			
PERRY	7012	2	41.0	29	-.5	79.	28	3.	11	695.5	37.5	0.0	0.0	.490	29	-.83	.38	19			
PONCA CITY	7201	2	37.9	28	.2	73.	29	2.	11	759.0	-5.0	0.0	0.0	.392	29	-.83	.23	19			
RED ROCK	7505	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.201	29	-1.19	.20	19			
RENFROW	7556	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.131	29	-.88	.07	3			
SEMINDLE	8042	2	43.2	29	-1.3	76.	22	8.	11	633.0	59.0	0.0	0.0	.910	29	-.64	.49	19			
WAYNOKA	9404	2	37.9	29	-2.7	77.	26	3.	11	785.5	102.5	0.0	0.0	.110	29	-.87	.11	14			
WOODWARD	9760	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.035	29	-.92	.03	15			

NOTE: 999.0, 9999.0, 99.99 indicates missing data TRACE = .001

FEBRUARY 1988 SUMMARY FOR NORTHEAST DIVISION (CD3)

NAME	ID	DIV	DEV				HEAT				COOL				DEV			
			MEAN	NUM	FROM	MAX	MIN	DEG	DEV	FROM	DEG	FROM	TOT	NUM	FROM	MAX	24-HR	DAY
			TEMP	OBS	NORM	TEMP	DAY	TEMP	DAY	DAY	NORM	DAY	NORM	PPT	OBS	NORM	24-HR	DAY
BARNSDALL	535	3	37.7	29	999.0	73.	28	0.	12	793.0	9999.0	0.0	9999.0	.694	29	-.74	.60	19
BARTLESVILLE	548	3	38.5	29	-1.8	75.	26	-1.	11	768.5	76.5	0.0	0.0	.694	29	-.76	.61	19
BIXBY	782	3	37.2	28	-3.5	73.	28	5.	12	777.5	97.5	0.0	0.0	1.360	29	-.25	.86	19
BURBANK	1256	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.434	29	99.99	.32	18
CHELSEA	1717	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.092	29	99.99	.80	19
CLAREMORE	1828	3	37.9	28	-1.9	73.	28	9.	7	758.5	52.5	0.0	0.0	1.272	29	-.35	.78	19
CLEVELAND	1902	3	40.3	25	999.0	74.	28	1.	11	616.5	9999.0	0.0	9999.0	.930	25	99.99	.77	20
FORAKER	3250	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.471	29	-.75	.47	19
HOLLOW	4258	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.221	29	-.33	.93	19
HOMINY	4289	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.990	29	-.40	.86	19
HULAH DAM	4393	3	33.6	25	-4.0	75.	28	-1.	12	784.0	17.0	0.0	0.0	.680	29	-.49	.52	19
JAY TOWER	4567	3	39.0	29	999.0	74.	23	2.	6	731.5	9999.0	0.0	9999.0	2.140	29	99.99	.82	19
KANSAS	4672	3	38.6	29	999.0	70.	22	3.	11	764.5	9999.0	0.0	9999.0	1.646	29	99.99	.84	19
LENAPAH	5118	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.000	29	99.99	.85	19
MANNFORD	5522	3	41.7	28	999.0	74.	26	2.	11	652.0	9999.0	0.0	9999.0	1.020	28	99.99	.75	19
MARAMEC	5540	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.593	29	-.81	.44	19
MIAMI	5855	3	37.3	28	-2.5	71.	28	0.	11	776.5	70.5	0.0	0.0	1.320	29	-.56	.89	18
NOWATA	6485	3	37.6	29	-2.4	74.	26	0.	11	796.0	96.0	0.0	0.0	.991	29	-.65	.93	19
ONETA	6713	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.374	29	99.99	.91	19
PAWHUSKA	6935	3	38.3	29	-1.7	74.	28	-1.	11	773.5	73.5	0.0	0.0	.635	29	-.67	.32	19
PAWHUSKA 2	6937	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.535	29	99.99	.51	19
PRYOR	7309	3	35.2	28	-4.7	73.	22	3.	12	833.0	133.0	0.0	0.0	1.306	29	-.47	1.00	19
QUAPAW	7358	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.032	29	-1.79	.03	2
RALSTON	7390	3	40.1	29	999.0	77.	28	-1.	11	723.5	9999.0	0.0	9999.0	.374	29	-.93	.35	19
RAMONA	7394	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.920	29	99.99	.09	19
SKIATOOK	8258	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.010	29	-.62	.78	19
SPAVINAW	8380	3	38.9	29	999.0	72.	22	3.	11	755.5	9999.0	0.0	9999.0	1.504	29	-.29	.84	19
TULSA	8992	3	40.0	29	-.7	76.	23	0.	11	725.0	45.0	0.0	0.0	1.031	29	-.71	.50	18
VINITA	9203	3	36.9	29	-2.9	71.	28	1.	11	814.0	100.0	0.0	0.0	1.320	29	-.49	.75	19
WAGONER	9247	3	40.0	29	-2.2	73.	26	5.	11	724.0	86.0	0.0	0.0	1.642	29	-.25	1.04	19
WANN	9298	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.600	29	99.99	.60	19
WYONGA	9792	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.720	29	99.99	.45	19

NOTE: 999.0, 9999.0, 99.99 indicates missing data TRACE = .001

FEBRUARY 1988 SUMMARY FOR WEST CENTRAL DIVISION (CD4)

NAME	ID	DIV	DEV				HEAT		DEV		COOL		DEV		TOT PPT	NUM OBS	FROM NORM	MAX 24-HR	DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	DEG DAY	FROM NORM	DEG DAY	FROM NORM	DEG DAY	FROM NORM							
CANTON DAM	1445	4	34.4	15	-6.5	75.	28	2.	11	458.5	-216.5	0.0	0.0	.060	29	-.90	.02	10	
CHEYENNE	1738	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	0.000	29	99.99	0.00	29	
CLINTON	1909	4	41.4	29	-.0	76.	21	5.	11	685.0	24.0	0.0	0.0	.052	29	-.99	.05	2	
COLONY	2039	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.152	29	99.99	.15	2	
CORDELL	2125	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.053	29	-.98	.05	2	
ELK CITY	2849	4	41.9	28	999.0	73.	22	4.	11	648.0	9999.0	0.0	9999.0	.073	29	-.88	.05	2	
ERICK	2944	4	40.8	29	-1.2	79.	28	5.	11	703.0	59.0	0.0	0.0	.131	29	-.73	.00	3	
GEARY	3497	4	38.5	29	-2.6	73.	28	3.	11	767.5	98.5	0.0	0.0	0.000	29	-1.12	0.00	29	
HAMMON	3871	4	36.3	28	-4.6	75.	28	5.	12	803.0	128.0	0.0	0.0	.002	29	-.91	.00	2	
LEEDEY	5090	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	0.000	29	-.90	0.00	29	
MACKIE	5463	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	0.000	29	99.99	0.00	29	
MORAVIA	6035	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.122	29	-.84	.08	2	
OKEENE	6629	4	39.9	29	-1.7	75.	28	4.	11	728.0	73.0	0.0	0.0	.150	29	-.79	.15	5	
RETROP	7565	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.111	29	99.99	.11	2	
REYDON	7579	4	41.0	29	999.0	78.	28	4.	11	696.5	9999.0	0.0	9999.0	.001	29	-.79	.00	2	
SAYRE	7952	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.052	29	-.67	.05	2	
SWEETWATER	8652	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.002	29	99.99	.00	2	
TALOGA	8708	4	41.6	28	1.5	80.	28	3.	11	656.0	-41.0	0.0	0.0	.002	28	-.94	.00	15	
THOMAS	8815	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.050	29	99.99	.05	14	
VICI	9172	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.003	29	99.99	.00	15	
WATONGA	9364	4	39.1	29	999.0	75.	28	4.	11	750.5	9999.0	0.0	9999.0	.057	29	-.99	.05	10	
WEATHERFORD	9422	4	39.0	28	-2.7	75.	21	5.	12	727.0	75.0	0.0	0.0	.091	29	-.90	.04	2	

NOTE: 999.0, 9999.0, 99.99 indicates missing data TRACE = .001

FEBRUARY 1988 SUMMARY FOR CENTRAL DIVISION (CD5)

NAME	ID	DIV	DEV				HEAT		DEV		COOL		DEV		TOT PPT	NUM OBS	FROM NORM	MAX 24-HR	DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	DEG DAY	FROM NORM	DEG DAY	FROM NORM	DEG DAY	FROM NORM							
AMBER	200	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.260	29	99.99	.15	19	
ARCADIA	288	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.520	29	99.99	.40	19	
TINKER AFB	325	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.374	26	99.99	.26	18	
BLANCHARD	830	5	41.4	29	999.0	75.	28	6.	11	685.5	9999.0	0.0	9999.0	.441	29	99.99	.25	19	
BRISTOW	1144	5	42.2	29	-2	75.	28	6.	6	662.0	29.0	0.0	0.0	.991	29	-.62	.85	19	
CHANDLER	1684	5	41.1	29	-1.3	75.	28	5.	11	694.5	61.5	0.0	0.0	.990	29	-.50	.99	18	
CHICKASHA	1750	5	40.1	29	-3.0	76.	22	7.	11	721.0	108.0	0.0	0.0	.370	29	-.84	.25	19	
COX CITY	2196	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.501	29	99.99	.35	18	
CRESCENT	2242	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.260	29	99.99	.21	21	
CUSHING	2318	5	38.7	28	-1.3	77.	26	2.	11	737.5	37.5	0.0	0.0	.983	29	-.33	.98	19	
EL RENO	2818	5	39.6	28	-1.7	75.	28	5.	11	710.5	46.5	0.0	0.0	.382	29	-.71	.30	10	
GUTHRIE	3821	5	41.7	29	.4	77.	28	4.	11	675.5	11.5	0.0	0.0	.600	29	-.66	.60	19	
HENNESSEY	4055	5	38.6	29	-2.0	74.	28	4.	11	764.5	81.5	0.0	0.0	.191	29	-.97	.15	3	
INGALLS	4489	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.592	29	99.99	.51	19	
KINGFISHER	4861	5	39.1	29	-2.1	76.	28	5.	11	751.5	85.5	0.0	0.0	.261	29	-.87	.19	4	
KINGFISHER CREEK	4862	5	39.4	29	999.0	76.	28	5.	11	741.0	9999.0	0.0	9999.0	.261	29	99.99	.19	4	
KINGFISHER UJC	4864	5	39.4	29	999.0	76.	28	5.	11	741.0	9999.0	0.0	9999.0	.261	29	99.99	.19	4	
KONAWA	4915	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.760	29	-.89	.42	19	
MARSHALL	5589	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	0.000	29	-1.16	0.00	29	
MEEKER	5779	5	41.5	29	-.4	74.	28	5.	11	681.5	34.5	0.0	0.0	1.670	29	.20	1.67	18	
MULHALL	6110	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.371	29	99.99	.34	19	
NORMAN	6386	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.711	29	-.62	.51	19	
OILTON	6616	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.880	19	99.99	.81	19	
OKEMAH	6638	5	41.1	29	-2.0	73.	22	6.	11	694.5	81.5	0.0	0.0	1.230	29	-.22	.57	19	
OKLAHOMA CITY	6661	5	40.5	29	-.3	74.	29	8.	11	710.0	32.0	0.0	0.0	.414	29	-.88	.17	18	
PERKINS	7003	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.450	29	-.81	.45	19	
PIEDMONT	7068	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.250	29	99.99	.09	19	
PRAGUE	7264	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.901	29	-.60	.80	19	
PURCELL	7327	5	41.2	29	-1.0	76.	22	7.	11	691.5	53.5	0.0	0.0	.891	29	-.45	.44	19	
SEMINOLE	8042	5	43.2	29	-1.3	76.	22	8.	11	633.0	59.0	0.0	0.0	.910	29	-.64	.49	19	
SHAWNEE	8110	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.940	29	-.59	.77	20	
STELLA	8479	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.990	29	99.99	.81	19	
STILLWATER	8501	5	37.2	28	-3.3	76.	28	2.	12	779.0	93.0	0.0	0.0	.355	29	-.85	.35	19	
STROUD	8563	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.311	29	99.99	1.13	19	
TECUMSEH	8751	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.153	29	99.99	.15	20	
TROUSDALE	8960	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.840	29	99.99	.66	19	
UNION CITY	9086	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.061	29	-1.35	.06	2	
WELTY	9479	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.601	29	99.99	.52	19	
WEWOKA	9575	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.880	29	-.80	.52	19	

NOTE: 999.0, 9999.0, 99.99 indicates missing data TRACE = .001

FEBRUARY 1988 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

NAME	ID	DIV	DEV				HEAT		DEV		COOL		DEV		TOT PPT	NUM OBS	FROM NORM	MAX 24-HR	DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	DEG DAY	FROM NORM	DEG DAY	FROM NORM	DEG DAY	FROM NORM							
ASHLAND	364	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.620	29	99.99	1.18	19	
BEGGS	631	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.410	29	99.99	.23	19	
BOYNTON	1027	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.182	29	99.99	.70	19	
CALVIN	1391	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.821	29	-1.08	.60	19	
CHECOTAH	1711	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.122	29	-.75	.58	19	
DEWAR	2485	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.190	29	-.62	.65	19	
DUSTIN	2690	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.230	29	99.99	.93	19	
EUFALA	2993	6	41.4	29	999.0	73.	26	9.	11	683.5	9999.0	0.0	9999.0	1.231	29	-.84	.68	19	
HANNA	3884	6	41.5	29	999.0	75.	22	8.	6	680.5	9999.0	0.0	9999.0	.881	29	-.98	.49	19	
HARTSHORNE	3946	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.632	29	99.99	.82	19	
HASKELL	3956	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.451	29	-.47	.84	19	
HOLDENVILLE	4235	6	42.2	29	-1.9	76.	22	9.	11	660.5	67.5	0.0	-8.0	.862	29	-.82	.57	19	
LAKE EUFALA	4975	6	39.9	28	999.0	74.	26	8.	12	703.5	9999.0	0.0	9999.0	1.700	29	99.99	.69	19	
LYONS	5437	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.003	29	-1.95	.00	3	
MCLESTER	5664	6	42.0	29	-1.1	74.	29	12.	11	668.0	55.0	0.0	0.0	1.143	29	-1.12	.66	18	
MCCURTAIN	5693	6	44.1	29	999.0	75.	22	9.	6	608.5	9999.0	2.0	9999.0	1.302	29	-1.23	.65	19	
MUSKOGEE	6130	6	41.3	29	-1.6	73.	28	6.	6	687.5	68.5	0.0	0.0	1.220	29	-.89	.69	18	
OKMULGEE WATER PLAN	6670	6	39.7	28	-3.3	76.	22	7.	11	707.5	91.5	0.0	0.0	1.603	29	-.19	1.13	18	
OKTAHA	6678	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.360	29	99.99	.74	19	
QUINTON	7372	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.492	29	-.61	.64	18	
SALLISAW	7862	6	40.8	29	-2.6	75.	27	9.	6	701.5	96.5	0.0	0.0	1.291	29	-1.19	.50	18	
SCIPIO	7979	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.630	29	99.99	.45	19	
SHORT	8170	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.583	29	99.99	.71	19	
STILWELL	8306	6	39.7	29	999.0	72.	22	4.	6	732.5	9999.0	0.0	9999.0	1.204	29	99.99	.52	19	
TAHLEQUAH	8677	6	38.4	29	-3.7	73.	22	0.	6	771.0	130.0	0.0	0.0	1.244	29	-1.18	.75	19	
WEBBERS FALLS	9445	6	38.4	28	-2.4	73.	28	9.	6	743.5	65.5	0.0	0.0	1.573	29	-.74	.95	19	
WESTVILLE	9523	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.201	29	99.99	.62	18	
WETUNKA	9571	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.983	29	-.62	.66	19	

NOTE: 999.0, 9999.0, 99.99 indicates missing data TRACE = .001

FEBRUARY 1988 SUMMARY FOR SOUTHWEST DIVISION (CD7)

NAME	ID	DIV	DEV				HEAT		DEV		COOL		DEV		TOT PPT	NUM OBS	FROM NORM	MAX 24-HR	DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	DEG DAY	FROM NORM	DEG DAY	FROM NORM	DEG DAY	FROM NORM							
ALTUS IRR.STA.	179	7	42.8	29	-1.6	80.	28	8.	11	644.0	67.0	0.0	0.0	.100	29	-.82	.10	3	
ALTUS DAM	184	7	40.0	28	999.0	78.	13	9.	12	699.0	9999.0	0.0	9999.0	.050	29	-.89	.03	3	
ANADARKO	224	7	41.1	29	-1.7	74.	21	6.	11	694.0	72.0	0.0	0.0	.050	29	-1.17	.05	4	
APACHE	260	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.070	29	99.99	.07	3	
ALTUS AFB	447	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.146	27	99.99	.14	11	
CARNEGIE	1504	7	41.1	29	-1.5	76.	21	7.	11	692.5	65.5	0.0	0.0	.111	29	-1.04	.10	3	
CHATTANOOGA	1706	7	42.5	28	-1.8	75.	22	13.	6	629.0	49.0	0.0	0.0	.200	28	-.93	.20	10	
DUNCAN	2668	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.191	29	99.99	.09	19	
FREDERICK	3353	7	40.6	28	-5.1	78.	28	8.	11	684.0	134.0	0.0	-10.0	.100	29	-.92	.10	11	
GRANDFIELD	3709	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.300	29	-.88	.15	11	
HOBART	4204	7	39.8	29	-1.4	76.	29	8.	11	730.5	64.5	0.0	0.0	.036	29	-.87	.03	2	
HOLLIS	4249	7	41.5	29	-2.8	82.	28	6.	11	682.0	102.0	0.0	0.0	.010	29	-.76	.01	11	
FT.SILL	5068	7	42.1	28	999.0	74.	21	12.	11	640.0	9999.0	0.0	9999.0	.178	29	-.99	.17	2	
LOCO	5247	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.550	29	99.99	.31	19	
LOOKEBA	5329	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.130	29	99.99	.06	3	
MANGUM	5509	7	43.2	29	-.7	81.	27	7.	11	633.5	42.5	0.0	0.0	.003	29	-.86	.00	11	
LANTON	5063	7	40.8	28	-2.9	75.	21	8.	11	676.5	80.5	0.0	0.0	.190	29	-.98	.16	2	
RANDLETT	7403	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.001	29	99.99	.00	1	
ROOSEVELT	7727	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	0.000	29	-.96	0.00	29	
SEDAN	8016	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.001	29	99.99	.00	11	
SNYDER	8299	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.044	29	-1.01	.04	3	
VINSON	9212	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.022	29	-.64	.02	11	
WICHITA MT.	9629	7	40.5	28	-2.3	77.	28	4.	11	685.5	63.5	0.0	0.0	.050	29	-1.12	.05	11	
WALTERS	9278	7	43.1	29	-1.9	77.	22	8.	11	635.5	75.5	0.0	0.0	.150	29	-1.12	.13	11	
WILLOW	9668	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.212	29	99.99	.10	11	

NOTE: 999.0, 9999.0, 99.99 indicates missing data TRACE = .001

FEBRUARY 1988 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

NAME	ID	DIV	DEV						HEAT		DEV		COOL		DEV		TOT PPT	NUM OBS	FROM NORM	MAX 24-HR	DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN DAY	MIN DAY	DEG DAY	FROM NDRM	DEG DAY	FROM NORM	DEG DAY	FROM NORM							
ADA	17	8	43.3	29	-1.4	76.	22	9.	12	628.5	60.5	0.0	0.0	.682	29	-1.20	.54	19			
ALLEN	147	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.700	29	99.99	.70	18			
ARDMORE	292	8	44.5	29	-2.9	77.	22	10.	11	595.5	94.5	0.0	-9.0	.930	29	-.73	.60	18			
ATOKA DAM	394	8	40.1	16	999.0	75.	22	12.	12	398.0	9999.0	0.0	9999.0	.300	21	99.99	.30	3			
BOKCHITO	907	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.250	29	99.99	2.00	17			
CANEY	1437	8	42.9	28	999.0	74.	21	10.	11	619.5	9999.0	0.0	9999.0	1.100	29	99.99	.45	19			
CENTRAHOMA	1648	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.590	29	99.99	.55	18			
CHICKASAW	1745	8	40.7	28	999.0	77.	22	9.	12	680.0	9999.0	0.0	9999.0	.870	29	99.99	.59	19			
COMANCHE	2054	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.451	29	99.99	.21	19			
DAISY	2354	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.221	29	-.47	1.52	19			
DUNCAN	2660	8	40.6	28	-4.3	76.	22	8.	12	602.5	112.5	0.0	-8.0	.511	29	-.70	.23	19			
DURANT	2678	8	42.0	29	999.0	75.	29	11.	12	660.0	9999.0	0.0	9999.0	2.040	29	-.21	.97	19			
ELMORE CITY	2872	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.353	29	99.99	.25	18			
FARRIS	3083	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.790	29	99.99	1.20	3			
GRADY	3688	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.920	29	99.99	.46	19			
HEALDTON	4001	8	42.8	29	999.0	79.	22	9.	11	645.0	9999.0	.5	9999.0	.751	29	-.60	.40	19			
KINGSTON	4865	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.760	29	-.50	.81	18			
LEHIGH	5108	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.974	29	99.99	.87	19			
LINDSAY	5216	8	41.6	29	999.0	74.	22	8.	11	678.0	9999.0	0.0	9999.0	.383	29	-1.04	.34	18			
MADILL	5460	8	43.8	28	-2.1	76.	22	11.	11	594.0	54.0	0.0	-5.0	1.500	28	-.62	.57	2			
MARIETTA	5563	8	44.8	29	-1.3	79.	22	11.	11	586.0	50.0	0.0	-6.0	1.511	29	-.26	.80	3			
MARLOW	5581	8	41.9	29	999.0	76.	22	6.	11	669.0	9999.0	0.0	9999.0	.392	29	-.81	.23	19			
MCGEE CREEK	5713	8	42.6	28	999.0	75.	26	12.	12	628.0	9999.0	0.0	9999.0	2.181	29	99.99	1.12	19			
OSWALT	6787	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.742	29	99.99	.65	19			
PAULS VALLEY	6926	8	42.1	29	-2.4	78.	22	8.	11	664.5	90.5	1.0	1.0	.521	29	-.97	.35	19			
PONTOTOC	7214	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.200	29	-1.73	.20	11			
TISHOMINGO	8884	8	42.5	23	999.0	76.	21	8.	12	516.5	9999.0	0.0	9999.0	1.390	28	-.66	.69	19			
TUSSY	9032	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.211	29	99.99	.11	19			
WAURIKA	9395	8	44.1	29	-2.1	79.	22	9.	11	600.0	76.0	1.5	-3.5	0.000	28	-1.30	0.00	29			
WAURIKA LAKE	9399	8	39.7	16	999.0	80.	22	11.	12	405.0	9999.0	0.0	9999.0	.400	21	99.99	.19	19			

NOTE: 999.0, 9999.0, 99.99 indicates missing data TRACE = .001

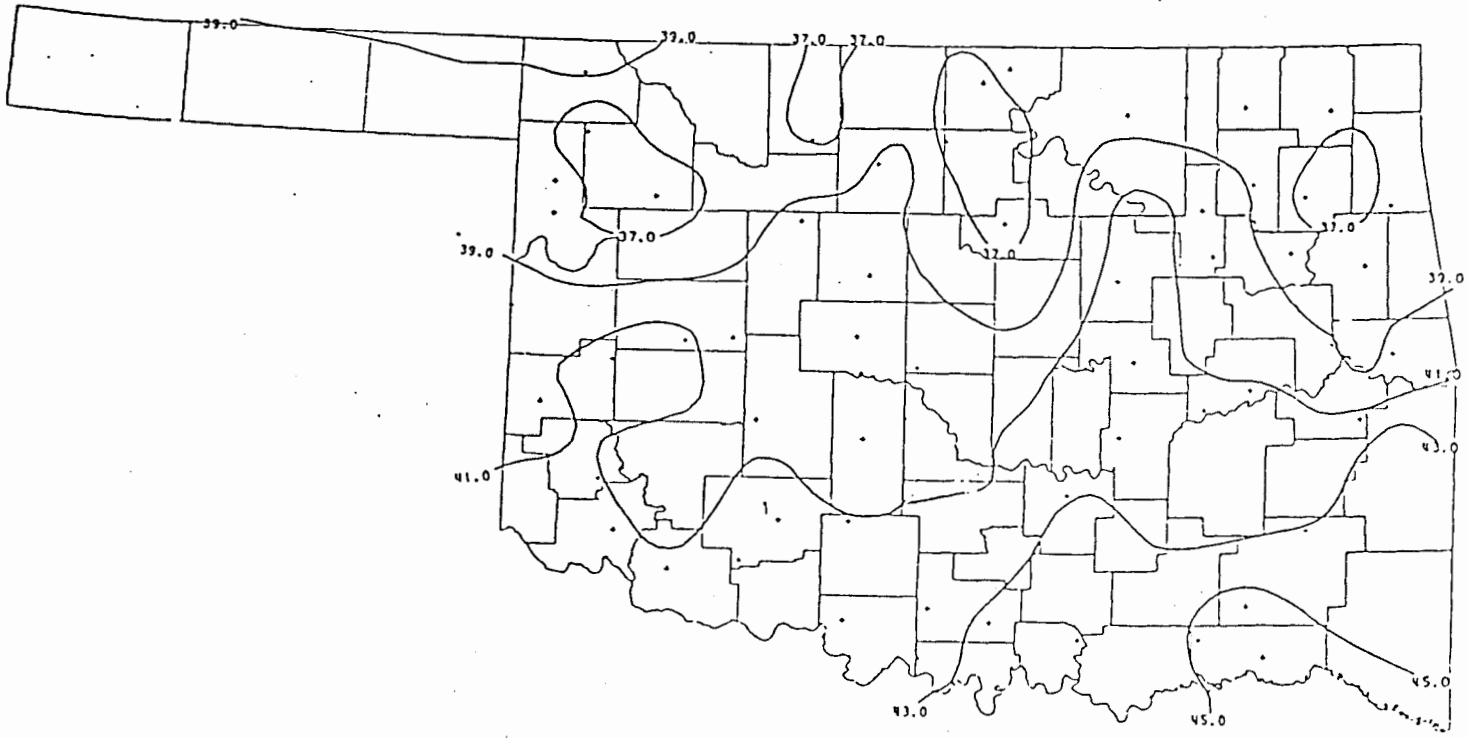
FEBRUARY 1988 SUMMARY FOR SOUTHEAST DIVISION (CD9)

NAME	ID	DIV	DEV						HEAT		DEV		COOL		DEV		TOT PPT	NUM OBS	FROM NORM	MAX	24-HR DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN DAY	MIN TEMP	DEG DAY	FROM NORM	DEG DAY	FROM NORM	FROM NORM								
ANTLERS	256	9	46.6	29	1.7	76.	28	27.	12	534.5	-28.5	0.0	0.0	1.640	29	-1.11	1.15	18			
BATTIEST	567	9	43.3	29	999.0	77.	27	3.	4	630.0	9999.0	0.0	9999.0	3.300	29	99.99	1.35	19			
BEAR MT TOWER	584	9	46.0	29	999.0	77.	29	12.	12	550.5	9999.0	0.0	9999.0	2.970	28	-4.0	.94	19			
BENGAL	670	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.860	29	99.99	.70	19			
BOSWELL	980	9	45.0	29	999.0	76.	28	10.	12	580.0	9999.0	0.0	9999.0	2.570	29	-2.1	1.09	19			
BKN BOW	1162	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.890	29	-4.0	1.01	18			
BKN BOW DAM	1168	9	42.6	28	999.0	74.	28	14.	13	627.5	9999.0	0.0	9999.0	2.980	29	99.99	1.13	19			
CARNASAW TW	1499	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.000	29	-3.3	1.12	19			
CARTER TW	1544	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.920	29	-3.8	1.10	2			
FANSHAWE	3065	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.160	29	-6.3	.68	19			
HEAVENER	4008	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.700	29	-.02	.90	19			
HEE MT TW	4017	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.890	28	99.99	1.85	19			
HUGO	4384	9	45.7	29	-1.2	75.	27	13.	11	559.5	46.5	0.0	-6.0	3.671	29	.90	1.51	19			
IDABEL	4451	9	43.6	28	-2.7	77.	27	15.	12	599.5	75.5	0.0	0.0	0.000	29	-3.42	0.00	29			
POTEAU	7254	9	40.6	28	999.0	76.	26	10.	11	683.5	9999.0	0.0	9999.0	1.981	29	99.99	.83	18			
SOBOL TW	8305	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.800	29	-.05	1.06	18			
SPIRO	8416	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.240	29	-4.6	.68	18			
TUSKAHOMA	9023	9	43.2	29	999.0	77.	27	9.	12	633.0	9999.0	0.0	9999.0	1.901	29	99.99	.95	19			
VALLIANT	9118	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.890	29	-3.8	.98	19			

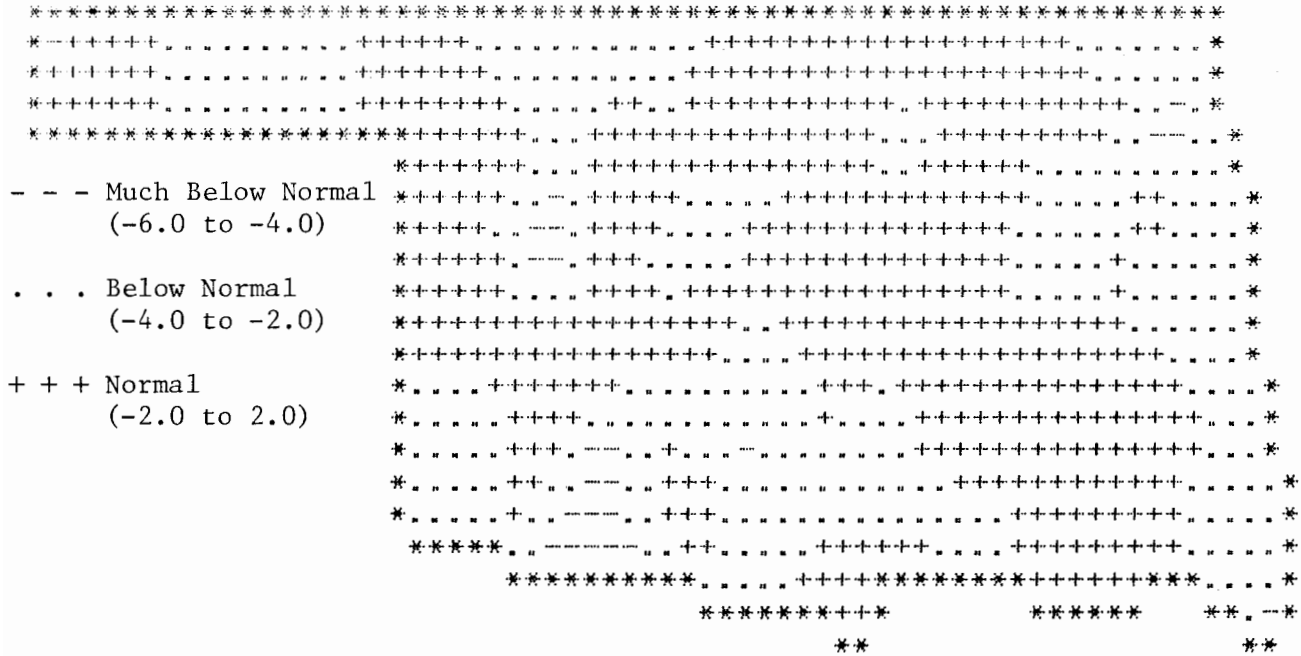
NOTE: 999.0, 9999.0, 99.99 indicates missing data TRACE = .001

FEBRUARY 1988 CLIMATE DIVISION SUMMARY

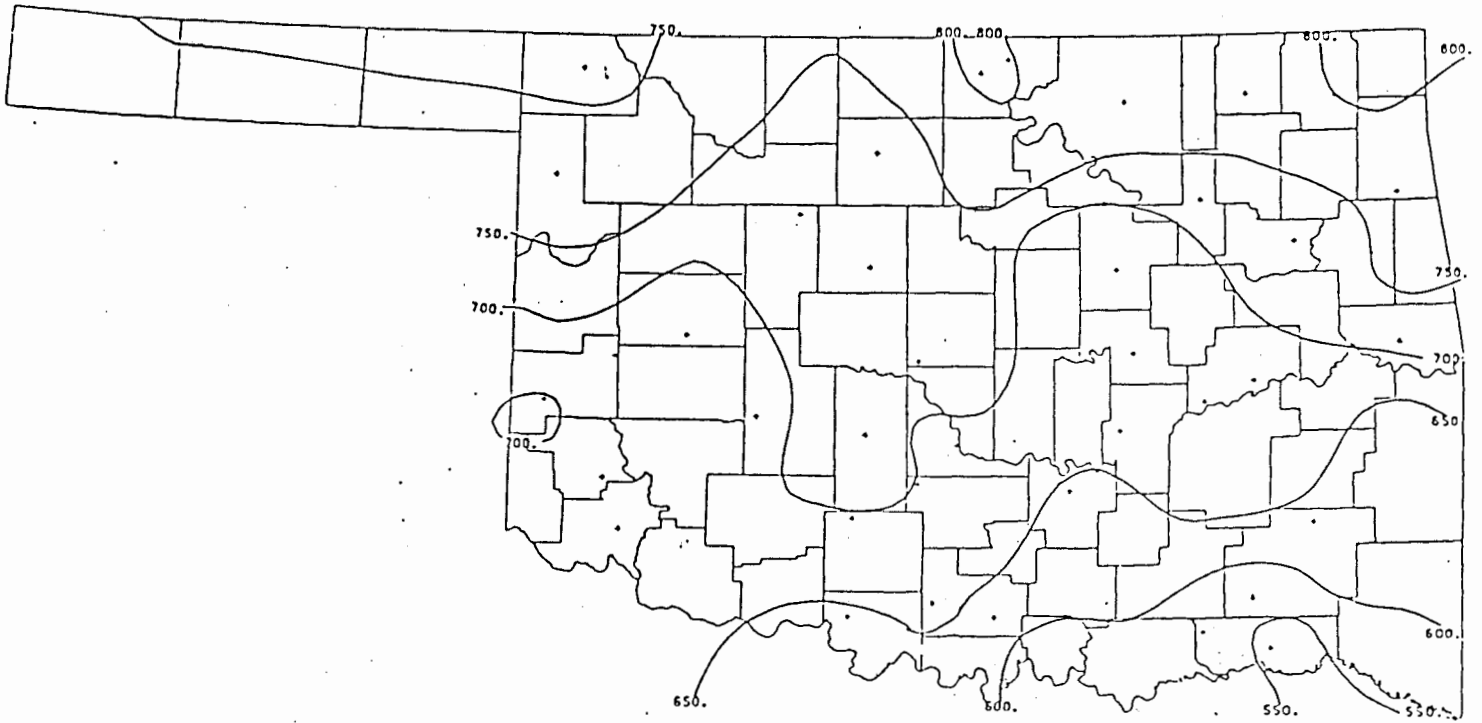
CLIMATE DIV	MEAN TEMP	NUM STA	DEV				HEAT DEGREE		DEV		COOL DEGREE		DEV		TOT PPT	NUM STA	FROM NORM	MAX	24-HR DAY
			FROM NORM	MAX TEMP	MIN DAY	MIN TEMP	DAYS	FROM NORM	DAYS	FROM NORM	FROM NORM								
1	37.0	10	-1.7	78.0	28	-1.0	11	792.7	54.7	0.0	0.0	.05	15	-.63	.13	17			
2	38.2	16	-1.9	81.0	26	-1.0	11	763.8	68.2	0.0	0.0	.16	28	-.91	.49	19			
3	38.5	16	-1.6	77.0	28	-1.0	11	760.4	62.7	0.0	0.0	.99	31	-.58	1.00	19			
4	39.9	10	-1.3	80.0	28	2.0	11	716.5	50.5	0.0	0.0	.05	22	-.89	.15	5			
5	40.3	17	-1.5	77.0	28	2.0	12	710.2	60.8	0.0	0.0	.59	38	-.77	1.67	18			
6	40.8	12	-2.0	76.0	22	0.0	6	695.7	72.1	.2	-1.0	1.18	28	-.85	1.18	19			
7	41.5	13	-2.2	82.0	28	4.0	11	671.2	73.9	0.0	-.9	.12	25	-.92	.31	19			
8	42.7	14	-3.0	80.0	22	6.0	11	639.0	93.2	.2	-4.5	1.00	28	-.77	2.00	17			
9	44.1	9	-2.0	77.0	27	3.0	4	599.8	66.4	0.0	-2.0	2.49	19	-.53	1.85	19			



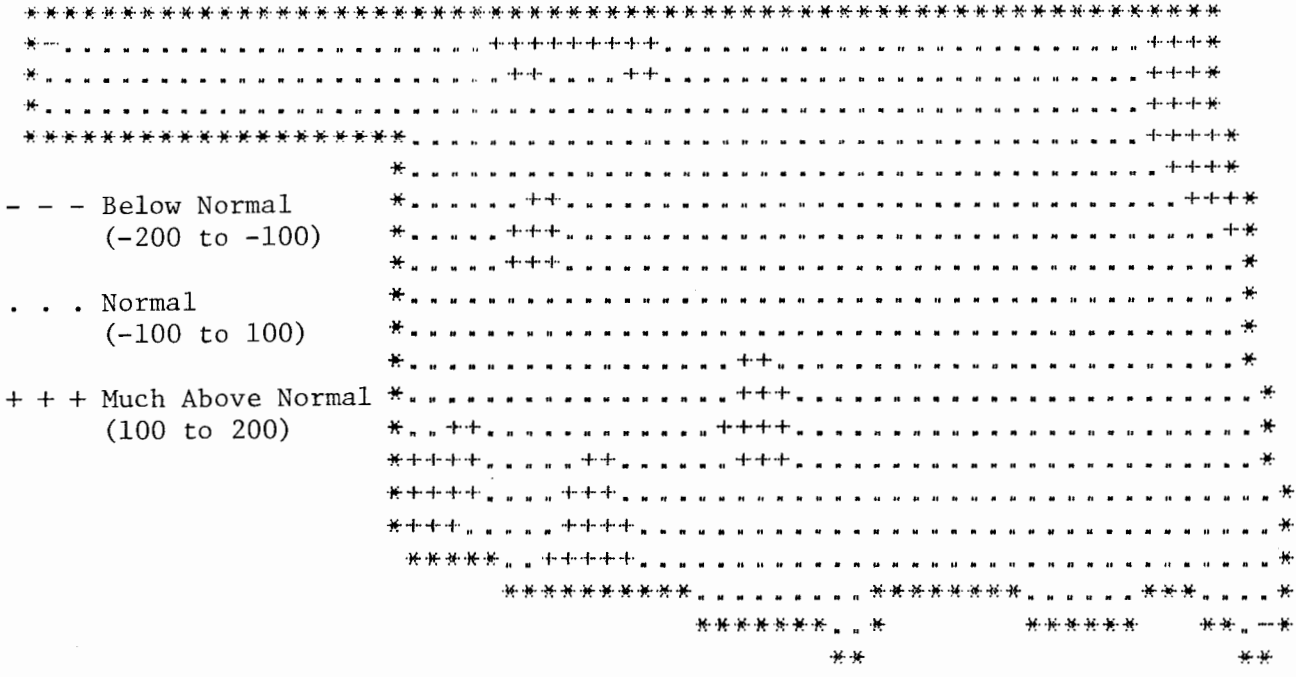
FEBRUARY 1988 AVERAGE MONTHLY TEMPERATURE
(Degrees F)



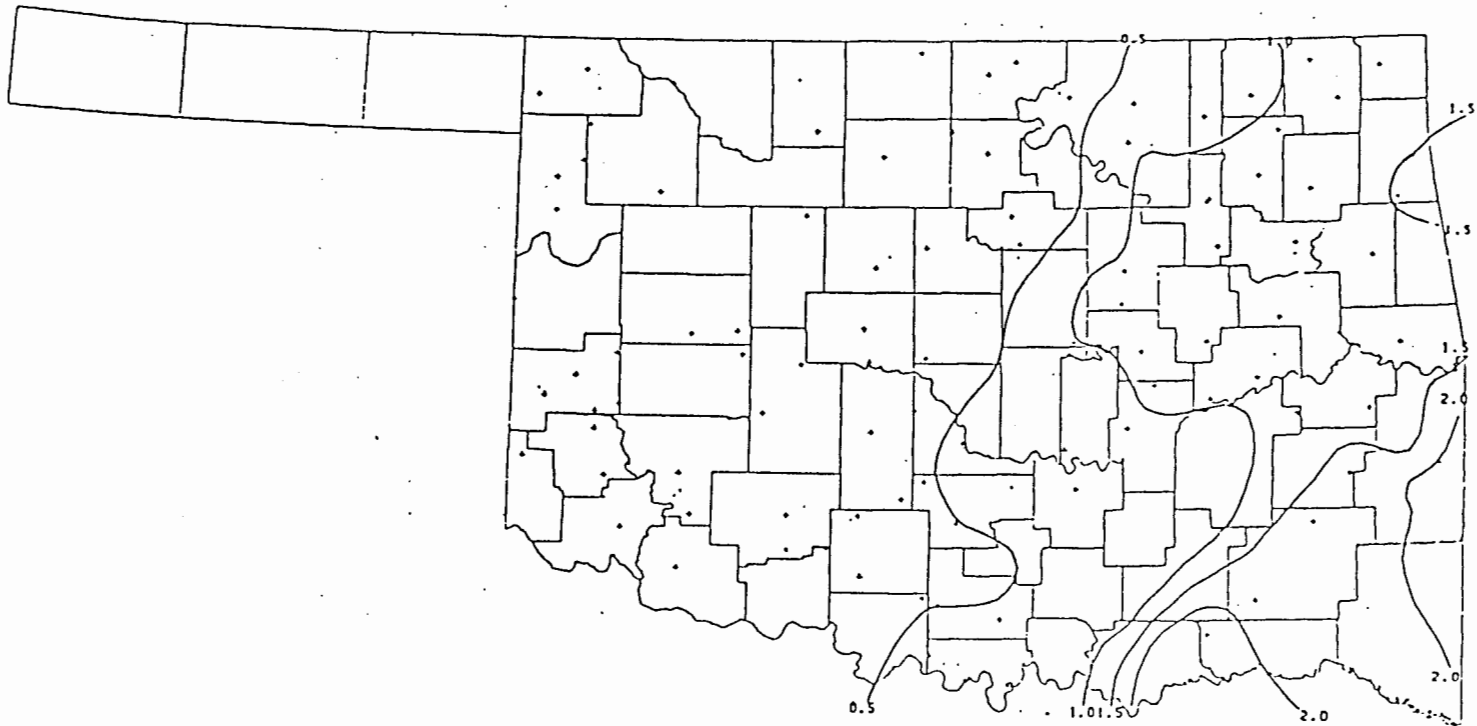
FEBRUARY 1988 DEVIATION FROM NORMAL TEMPERATURES



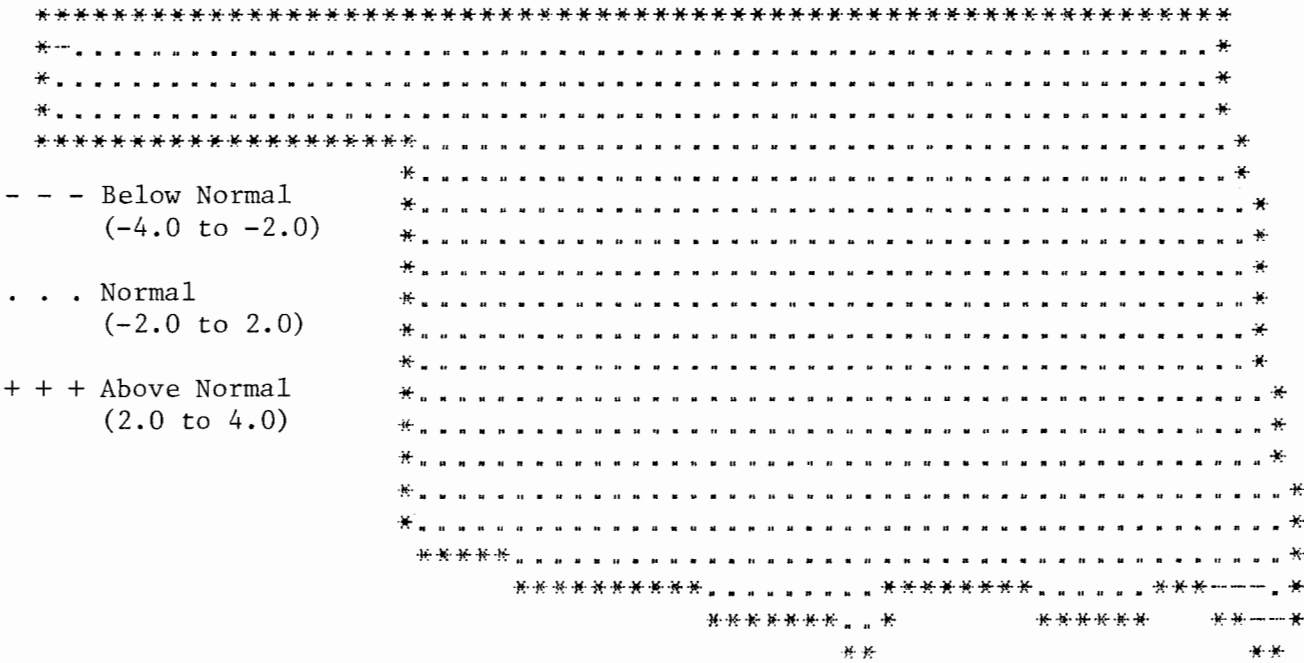
FEBRUARY 1988 TOTAL HEATING DEGREE DAYS



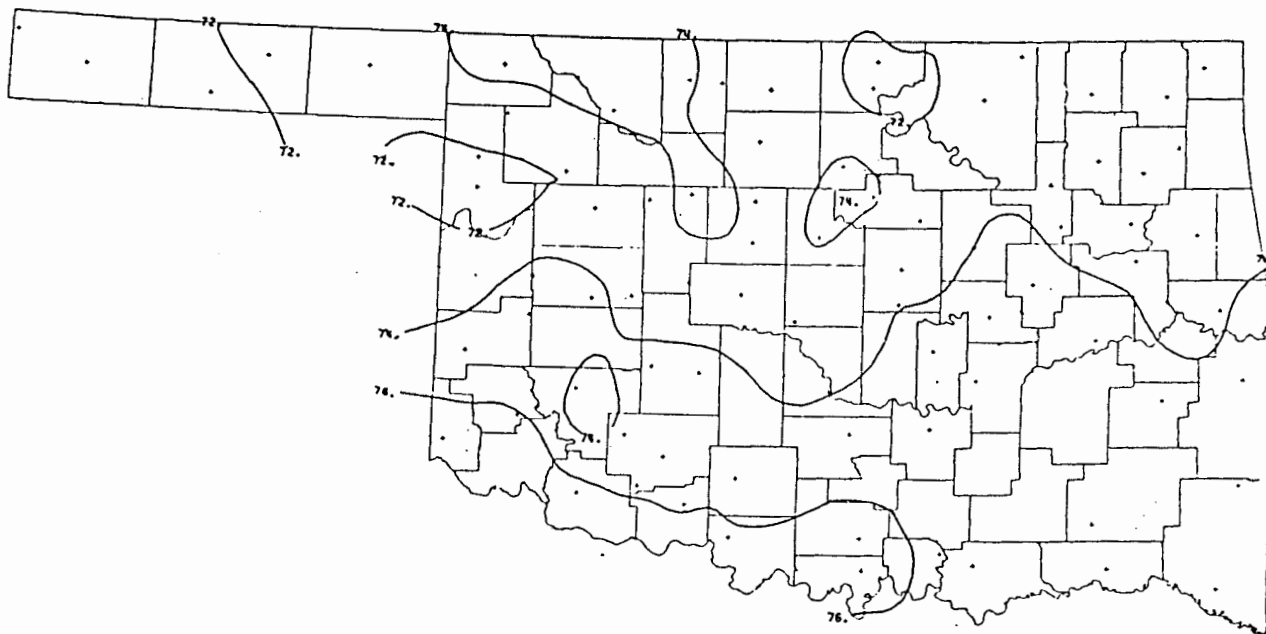
FEBRUARY 1988 DEVIATION FROM NORMAL HEATING DEGREE DAYS



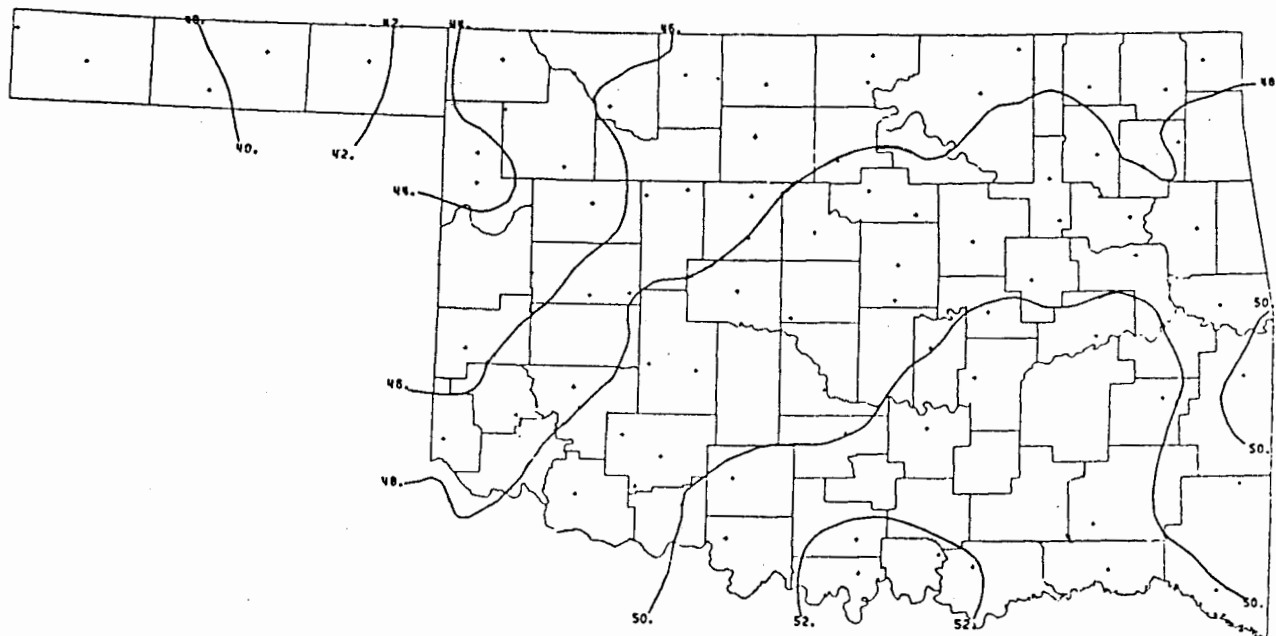
FEBRUARY 1988 TOTAL PRECIPITATION
(Inches)



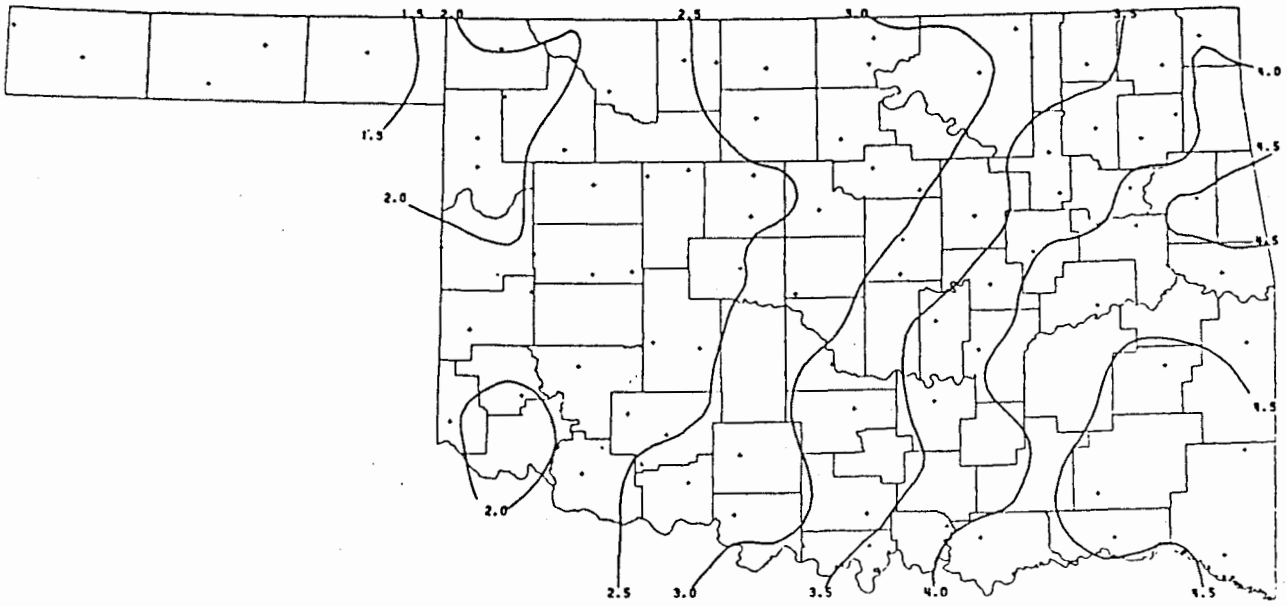
FEBRUARY 1988 DEVIATION FROM NORMAL PRECIPITATION



30-YEAR MEAN APRIL MAXIMUM TEMPERATURE

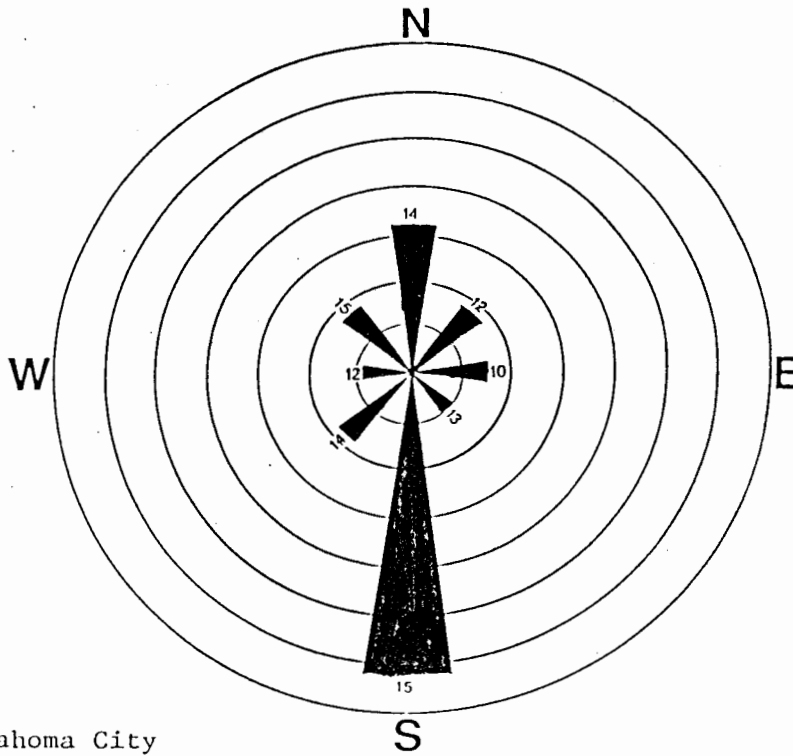


30-YEAR MEAN APRIL DAILY MINIMUM TEMPERATURE

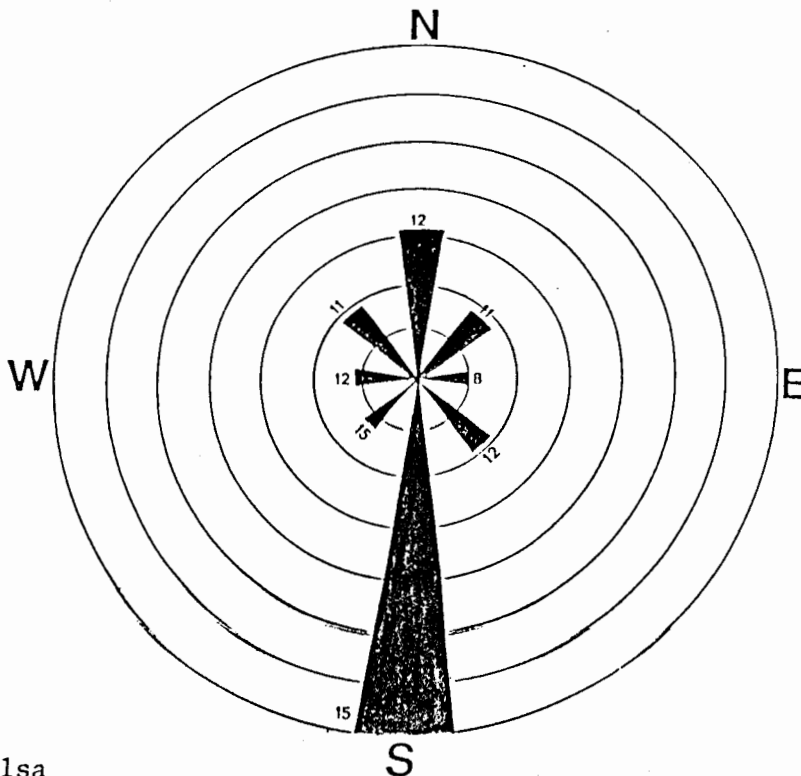


30-YEAR MEAN APRIL PRECIPITATION

April wind roses for Oklahoma City and Tulsa for 10-year (1965-1974) mean winds (data adapted from NOAA Airport Climatology Series). Percents represent the percentage of winds coming from a direction. The numbers at the end of the bars indicate the average speed of winds from that direction. Graphics by Tim Johnson.

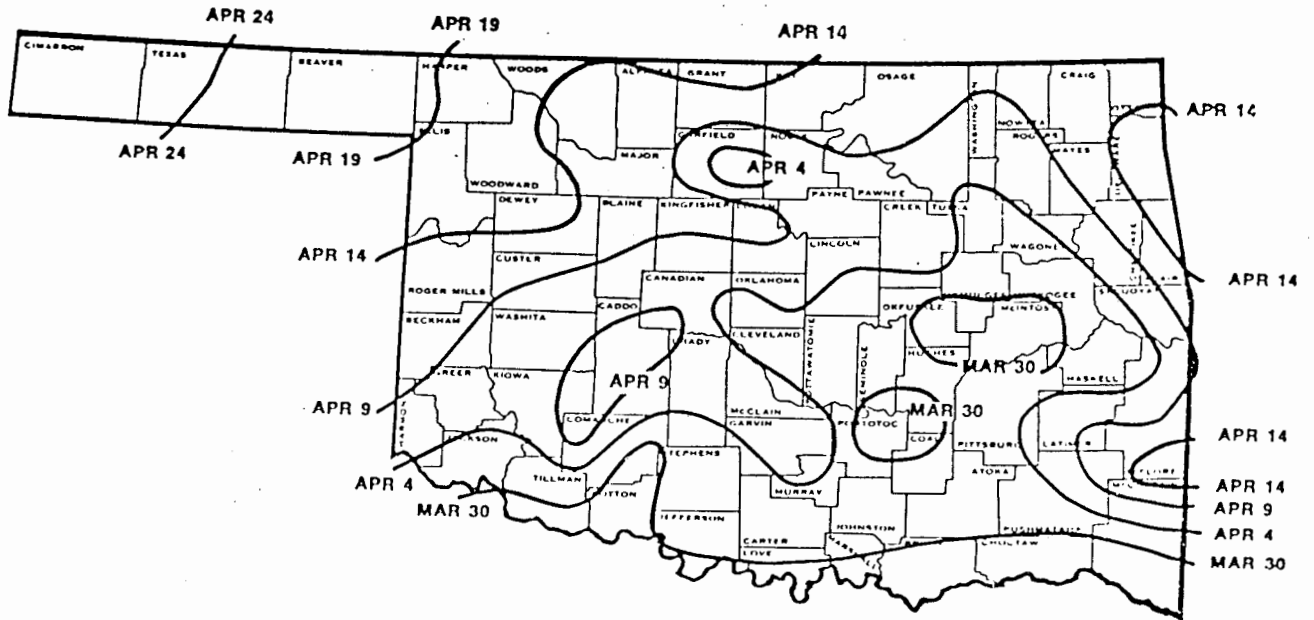


Oklahoma City



Tulsa

The tremendous agricultural interest endemic to Oklahoma renders climatological information vital to the State. The importance of this information is magnified during and shortly following the sowing season. The following map and table provide examples of valuable data including spring freeze-date probabilities. (Map and data via OSU extension publication "Freezing Temperatures in Oklahoma".)



Mean occurrence date of last 32° (F.) temperature in Spring.

Probability of Spring Temperature Thresholds
for Selected Oklahoma Stations

Climate Division	Station	Temp (Deg F)	Percent Probability of Indicated (or Lower) Temperature Occurring After Indicated Date		
			90%	50%	10%
1	Buffalo	32	Apr 3	Apr 18	May 4
		28	Mar 18	Apr 5	Apr 22
2	Enid	32	Mar 21	Apr 4	Apr 17
		28	Mar 11	Mar 26	Apr 9
3	Bartlesville	32	Mar 23	Apr 8	Apr 23
		28	Mar 18	Mar 31	Apr 13
4	Weatherford	32	Mar 20	Apr 5	Apr 21
		28	Mar 11	Mar 26	Apr 10
5	Hennessey	32	Mar 26	Apr 9	Apr 24
		28	Mar 14	Mar 29	Apr 13
6	Muskogee	32	Mar 18	Mar 31	Apr 13
		28	Mar 6	Mar 22	Apr 8
7	Hobart	32	Mar 24	Apr 7	Apr 22
		28	Mar 13	Mar 29	Apr 13
8	Ada	32	Mar 15	Mar 30	Apr 14
		28	Mar 5	Mar 21	Apr 7
9	Antlers	32	Mar 18	Apr 1	Apr 15
		28	Mar 2	Mar 18	Apr 4