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 JANUARY 1987

In contrast to a generally dry January last year, all but 3 Oklahoma stations reported above normal precipitation during January 1987. The abundant moisture created problems for State farmers still trying to recover from the flooding of October 1986. The cotton harvest, already several weeks late, was again delayed. Only about two-thirds of the crop has been harvested, and much of it was graded at a poor 62. A good grade is 42. The excessive rains slowed winter wheat growth by generating nitrogen deficiencies in some fields, and the wet ground prevented much of the State's oat and barley planting.

The month's most remarkable weather event was the snowstorm of Thursday the 15th through Sunday the 18th. Only extreme southeastern Oklahoma was spared while many other stations reported over 10 inches of snow (see Map 1) with snowfall totals not experienced for decades (see Table 1). In many areas the snow was mixed with sleet and freezing rain. Ice accumulations caused power lines to break leaving about 19,000 Oklahomans without power, some for 4 days. OG&E estimates its weather related losses to be $1.5 million in its central Oklahoma region alone. The weight of the snow collapsed the roofs of a community center, an airplane hangar, a laundry, a school gymnasium and a boat pier. Ice and snow slickened roads created a hazard for drivers. Tulsa police responded to 73 vehicle accidents before Friday night, 16 in less than 3 hours Friday morning. As many as 9 storm related deaths were reported Statewide. In its commendable efforts to maintain roads, Oklahoma City crews deposited 1408 tons of hot sand, 834 tons of urea, 820 tons of

salt and 406 tons of small rocks on city streets before Tuesday night. Including overtime and material expenses, the storm cost the city $630,000 with an additional anticipiated $500,000 needed to repair damaged streets.

The snow and ice remained for several days as high pressure and cool temperatures settled over the State. During the week January 19-25 temperatures averaged from 15 degrees below normal in the north central sections of the State to 6 degrees below normal in the southeast. Most stations in the northwestern one-third of Oklahoma experienced sub-freezing temperatures for 2 or more days.

Southerly winds finally helped return State temperatures nearer to or above normal during the last week of the month. Numerous stations Statewide recorded temperatures above 60 degrees several days during the week. Some area high temperature reports of the week included Guymon 67 degrees, Bixby 70 degrees, Purcell 67 degrees, Lawton 64 degrees and Idabel 74 degrees. In spite of this warming, most mean monthly temperatures remained slightly below normal.

Map 1: Snowfall accumulations January 15-18 for selected Oklahoma station.

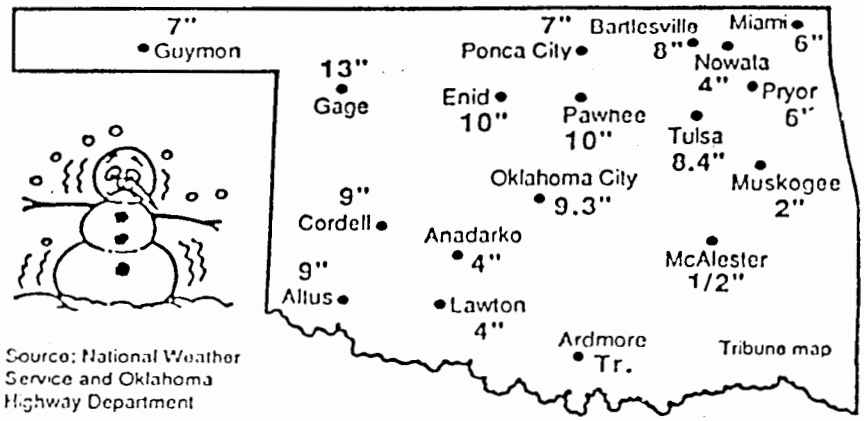


Table 1: Snowfall accumulations in inches for 4 consecutive days of snow at selected Oklahoma stations.

Station	Jan 15-18 1987	Most recent snowfall of equal or greater amount or previous record	Month	Dates	Year
Gage	13.0*	9.2	Dec	9-12	1960
Ponca City	7.0	9.8	Jan	24-27	1949
Bartlesville	8.0*	8.0*	Feb	7-10	1978
Tulsa	8.4	9.2*	Mar	8-11	1948
Oklahoma City	9.3*	7.5	Nov	18-21	1972
Cordell	9.0	7.5	Feb	7-10	1978
Lawton	4.0	5.0	Feb	21-24	1968
Altus Dam	9.0*	4.2	Jan	25-29	1949

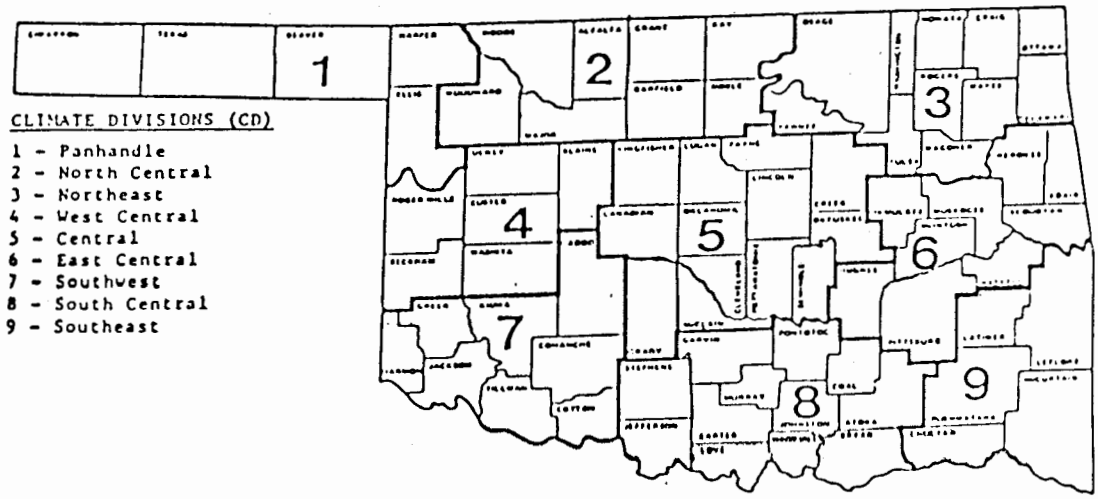
* Denotes 4 day record.

TABLE OF 1986/1987 COMPARISONS

Station	January Temperatures (F) 1986	1987	January Precipitation (in.) 1986	1987
Goodwell	41.0	33.5	0.000	.940
Lahoma	38.8	34.2	0.000	.560
Mutual	41.1	31.8	0.000	1.510
Tulsa	42.4	35.8	0.000	1.813
Elk City	42.5	34.7	0.000	1.451
Oklahoma City	44.4	35.2	0.000	2.513
McAlester	41.9	40.2	.030	3.432
Altus Irr. Sta.	45.5	38.3	0.000	1.531
Durant	45.5	41.4	.080	3.252
Ada	44.2	38.7	.001	3.021
Tuskahoma	44.1	42.1	.141	1.691

EXTREMES

Variable	Station	Division	Observation	Date
Minimum temperature	Helena	2	-2	19
Maximum temperature	Waurika	8	76	28
Maximum 24-hour precipitation	Ashland	6	2.35"	9



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 an indoor temperature of 65 degrees. 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 an indoor temperature of 65 degrees. 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.

JANUARY 1987 SUMMARY FOR NORTHWEST DIVISION (CD1)

NAME	ID	DIV	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ARNETT	332	1	33.0	30	-.3	68.	12	10.	22	959.5	-23.5	0.0	0.0	1.601	31	1.17	.60	9
BEAVER	593	1	33.6	30	.8	70.	13	12.	23	941.5	-56.5	0.0	0.0	.800	30	.42	.42	1
BOISE CITY	908	1	34.5	31	.4	69.	5	1.	21	946.5	-11.5	0.0	0.0	.660	31	.30	.18	15
BUFFALO	1243	1	35.7	31	1.0	67.	13	5.	19	907.5	-31.5	0.0	0.0	1.570	31	1.04	.50	17
FARGO	3070	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.510	31	1.05	.55	9
GATE	3489	1	34.3	30	999.0	71.	12	11.	18	920.5	9999.0	0.0	9999.0	1.050	31	99.99	.43	15
GOODWELL RES STA	3628	1	33.5	30	0.0	70.	13	7.	21	945.0	-32.0	0.0	0.0	.940	31	.69	.47	31
HOOKER	4298	1	34.0	31	.8	71.	14	9.	22	961.5	-24.5	0.0	0.0	1.110	31	.70	.42	16
KENTON	4766	1	33.3	30	-1.1	74.	4	2.	22	950.5	1.5	0.0	0.0	.600	31	.30	.20	17
LAVERNE	5045	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.630	31	.05	.24	16
GAGE	3407	1	34.8	30	1.5	68.	12	8.	11	907.0	-76.0	0.0	0.0	1.910	29	1.46	.62	18
GUYMON	3835	1	35.3	31	999.0	71.	13	8.	21	920.0	9999.0	0.0	9999.0	.581	30	99.99	.24	16
REGNIER	7534	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.730	31	.46	.20	17

JANUARY 1987 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)

NAME	ID	DIV	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ALVA	194	2	33.7	31	-.4	67.	13	7.	11	969.0	11.0	0.0	0.0	1.630	31	1.07	.61	9
BILLINGS	755	2	32.6	30	999.0	64.	13	-1.	19	973.0	9999.0	0.0	9999.0	2.141	31	1.23	.95	9
BLACKWELL	818	2	31.7	31	999.0	64.	13	2.	19	1031.5	9999.0	0.0	9999.0	2.862	31	99.99	1.50	18
BRAMAN	1075	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.831	31	99.99	.71	9
CEDARDALE	1620	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.671	31	99.99	.76	15
CHEROKEE	1724	2	34.6	31	.1	66.	13	2.	19	943.5	-2.5	0.0	0.0	.420	28	-.27	.42	9
ENID	2912	2	34.0	31	-1.4	64.	13	3.	19	959.5	41.5	0.0	0.0	2.050	31	1.14	.71	9
FT SUPPLY DAM	3304	2	37.2	11	2.6	71.	1	11.	21	305.5	-636.5	0.0	0.0	1.280	31	.78	.62	3
FREEDOM	3358	2	34.2	31	999.0	69.	13	1.	19	955.5	9999.0	0.0	9999.0	1.101	31	99.99	.61	9
HARDY	3909	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.652	31	99.99	.94	8
HELENA	4019	2	31.0	30	999.0	65.	13	-2.	19	1018.5	9999.0	0.0	9999.0	1.684	31	.97	.56	9
JEFFERSON	4753	2	32.9	31	999.0	65.	13	7.	25	994.0	9999.0	0.0	9999.0	1.630	31	99.99	.60	8
LAHOMA AG	4950	2	34.2	23	999.0	63.	13	0.	22	709.0	9999.0	0.0	9999.0	.560	27	99.99	.27	9
LAMONT	5013	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.710	31	99.99	.75	9
MEDFORD	5768	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.760	31	99.99	.72	8
MORRISON	6065	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.830	31	99.99	.69	9
MUTUAL	6139	2	31.6	30	-2.5	66.	12	1.	21	1001.5	43.5	0.0	0.0	1.510	31	1.01	.75	9
NEWKIRK	6278	2	32.4	31	-1.0	63.	13	5.	19	1009.5	29.5	0.0	0.0	1.920	31	1.06	.97	9
ORIENTA	6751	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.420	31	99.99	.52	9
PERRY	7012	2	34.5	31	-1.8	69.	13	5.	19	945.0	55.0	0.0	0.0	1.431	31	.56	.61	9
RED ROCK	7505	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.780	31	.91	.84	19
PONCA CITY	7201	2	33.5	31	1.1	64.	13	7.	19	976.5	-34.5	0.0	0.0	1.632	31	.72	.79	9
RENFROW	7556	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.830	31	1.17	.65	16
WOODWARD	9760	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.390	31	.87	.53	9

Note: 9999.0, 999.0, 99.99 indicate missing records.
Trace = .001

JANUARY 1987 SUMMARY FOR NORTHEAST DIVISION (CD3)

NAME	ID	DIV	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	MAX DAY	MIN TEMP	MIN DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	MAX 24-HR DAY
BARNSDALL	535	3	33.6	31	999.0	65.	12	5.	21	973.0	9999.0	0.0	9999.0	2.054	31	.85	.86	8
BARTLESVILLE	548	3	34.8	31	.2	65.	13	8.	23	935.0	-7.0	0.0	0.0	1.582	31	.34	.70	9
BIXBY	782	3	34.1	29	-1.3	70.	29	12.	21	896.0	-22.0	0.0	0.0	2.242	30	.79	1.10	9
CHELSEA	1717	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.310	31	99.99	1.27	18
CLAREMORE	1828	3	32.8	30	-1.7	62.	13	9.	22	966.0	20.0	0.0	0.0	1.732	31	.55	.91	9
FORAKER	3250	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.150	31	.13	.60	8
HOLLOW	4258	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.882	31	.53	.67	9
HOMINY	4289	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.339	31	1.26	.88	9
JAY TOWER	4567	3	37.4	31	999.0	66.	14	14.	21	857.0	9999.0	0.0	9999.0	2.960	31	99.99	1.10	9
KANSAS	4672	3	37.2	31	999.0	64.	13	15.	21	862.5	9999.0	0.0	9999.0	3.043	31	99.99	1.10	9
KEYSTONE DAM	4812	3	35.3	15	999.0	67.	12	3.	21	446.0	9999.0	0.0	9999.0	2.370	27	99.99	1.23	9
LENAPAH	5118	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.871	31	99.99	.65	9
MANNFORD	5522	3	35.9	30	999.0	66.	13	10.	21	874.0	9999.0	0.0	9999.0	2.582	31	99.99	.87	18
MARAMEC	5540	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.112	30	1.06	.93	19
MIAMI	5855	3	31.9	26	-2.8	66.	12	8.	21	861.5	-77.5	0.0	0.0	1.981	28	.45	.70	8
NOWATA	6485	3	33.8	31	-.9	62.	13	9.	26	966.0	27.0	0.0	0.0	2.571	31	1.29	.83	9
PAWHUSKA	6937	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.762	31	99.99	.51	9
PAWNEE	6940	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.661	31	1.65	1.20	9
ONETA	6713	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.031	31	99.99	1.20	9
PRYOR	7309	3	32.8	30	-2.1	63.	12	10.	21	964.5	31.5	0.0	0.0	2.358	31	.84	1.10	19
QUAPAW	7358	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.250	30	.70	1.08	18
RALSTON	7390	3	35.3	31	999.0	66.	13	8.	23	921.5	9999.0	0.0	9999.0	2.810	31	1.81	.90	9
RAMONA	7394	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.941	31	99.99	.90	9
SKIATOOK	8258	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.531	31	.34	.85	18
SPAVINAW	8380	3	38.0	31	999.0	64.	13	15.	26	836.0	9999.0	0.0	9999.0	0.000	31	-1.53	0.00	31
SPAVINAW LAKE	8382	3	37.1	26	999.0	64.	14	15.	26	725.5	9999.0	0.0	9999.0	2.830	26	99.99	.89	9
STILWELL	8506	3	38.1	31	999.0	63.	13	15.	21	833.0	9999.0	0.0	9999.0	3.384	31	1.42	1.27	9
TULSA	8992	3	35.8	31	.6	65.	12	9.	24	905.5	-18.5	0.0	0.0	1.813	31	.46	.52	18
VINITA	9203	3	34.3	31	-.2	63.	13	10.	23	951.5	5.5	0.0	0.0	2.480	31	.95	1.02	9
WAGONER	9247	3	37.5	31	.6	63.	28	5.	23	853.5	-17.5	0.0	0.0	2.653	31	.93	.94	9
WANN	9298	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.452	31	99.99	.70	9
WYNONA	9792	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.742	31	99.99	1.80	18

Note: 9999.0, 999.0, 99.99 indicate missing records.
Trace = .001

JANUARY 1987 SUMMARY FOR WEST CENTRAL DIVISION (CD4)

NAME	ID	DIV	MEAN TEMP	DEV NUM OBS	DEV FROM NORM	MAX TEMP	MAX DAY	MIN TEMP	MIN DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	DEV NUM OBS	DEV FROM NORM	MAX 24-HR	MAX DAY
CANTON DAM	1445	4	36.3	15	.7	66.	13	1.	20	430.5	-480.5	0.0	0.0	.980	28	.43	.54	9
CLINTON	1909	4	36.6	31	.2	70.	12	5.	19	879.0	-8.0	0.0	0.0	1.340	31	.63	.50	9
COLONY	2039	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.870	31	99.99	.87	9
CORDELL	2125	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.931	31	1.23	.91	18
ELK CITY	2849	4	34.7	31	999.0	69.	12	6.	20	939.5	9999.0	0.0	9999.0	1.451	31	.90	.80	19
ERICK	2944	4	35.5	31	-1.5	69.	12	5.	19	914.0	46.0	0.0	0.0	1.200	31	.72	.43	19
GEARY	3497	4	35.0	30	-1.3	66.	12	6.	19	899.5	9.5	0.0	0.0	1.480	30	.82	.80	18
HAMMON	3871	4	31.7	30	-4.0	70.	12	7.	26	998.5	90.5	0.0	0.0	2.100	31	1.59	2.00	19
LEEDY	5090	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.010	31	.55	.62	18
MORAVIA	6035	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.270	24	.77	.50	18
OKEENE	6629	4	34.3	31	-2.1	66.	13	3.	19	952.0	65.0	0.0	0.0	1.360	31	.77	.86	18
RETROP	7565	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.401	31	99.99	.50	18
REYDON	7579	4	35.0	29	999.0	68.	12	9.	19	870.0	9999.0	0.0	9999.0	1.031	29	.64	.75	8
SAYRE	7952	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.630	31	.21	.41	19
SWEETWATER	8652	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.440	31	99.99	.22	9
WATONGA	9364	4	35.0	31	999.0	68.	12	0.	19	929.5	9999.0	0.0	9999.0	1.990	31	1.22	.82	19
TALOGA	8708	4	35.0	31	-.1	67.	12	7.	23	929.0	2.0	0.0	0.0	1.412	31	.86	.66	18
THOMAS	8815	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.920	31	99.99	1.00	19
VICI	9172	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.890	31	99.99	.95	9
WEATHERFORD	9422	4	33.8	30	-2.8	67.	12	1.	25	937.0	57.0	0.0	0.0	1.391	31	.75	.70	18

Note: 9999.0, 999.0, 99.99 indicate missing records.
Trace = .001

JANUARY 1987 SUMMARY FOR CENTRAL DIVISION (CD5)

NAME	ID	DIV	MEAN TEMP	DEV NUM OBS	DEV FROM NORM	MAX TEMP	MAX DAY	MIN TEMP	MIN DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	MAX DAY
AMBER	200	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.410	31	99.99	1.46	10
ARCADIA	288	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.301	31	99.99	1.10	9
TINKER AFB	325	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.831	30	99.99	1.27	9
BLANCHARD	830	5	36.5	31	999.0	67.	28	4.	19	882.0	9999.0	0.0	9999.0	3.085	31	99.99	1.46	9
BRISTOW	1144	5	37.2	31	.5	70.	12	14.	20	863.0	-14.0	0.0	0.0	2.554	31	1.40	1.04	8
CHANDLER	1684	5	36.5	31	-.9	69.	12	12.	19	885.0	29.0	0.0	0.0	2.662	31	1.51	1.31	20
CHICKASHA RES STA	1750	5	36.5	31	-1.3	67.	12	4.	19	885.0	42.0	0.0	0.0	1.950	31	1.05	1.34	9
COX CITY	2196	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.740	31	99.99	1.35	8
CRESCENT	2242	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.941	31	99.99	.70	9
CUSHING	2318	5	34.2	28	-.5	66.	12	14.	20	861.0	-75.0	0.0	0.0	1.371	30	.33	.87	9
EL RENO	2818	5	34.0	31	-2.2	64.	12	2.	19	959.5	66.5	0.0	0.0	2.000	31	1.17	1.10	9
GUTHRIE	3821	5	35.5	31	-.7	67.	13	6.	19	914.0	21.0	0.0	0.0	2.233	31	1.32	1.20	9
HENNESSEY	4055	5	32.8	31	-2.7	64.	13	0.	19	998.0	83.0	0.0	0.0	1.690	31	.98	.65	9
INGALLS	4489	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.372	31	99.99	.90	9
KINGFISHER	4861	5	33.1	31	-2.9	63.	13	2.	20	989.0	90.0	0.0	0.0	2.100	31	1.27	.35	9
KINGFISHER CREEK	4862	5	33.0	30	999.0	63.	12	2.	20	958.5	9999.0	0.0	9999.0	2.100	31	99.99	.85	9
UJC KINGFISHER	4864	5	33.0	30	999.0	63.	12	2.	20	958.5	9999.0	0.0	9999.0	2.100	31	99.99	.85	9
KONOWA	4915	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.650	31	2.32	1.30	9
MARSHALL	5589	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.180	31	1.42	1.18	9
MEEKER	5779	5	36.7	31	.2	70.	12	13.	21	878.0	-6.0	0.0	0.0	1.900	31	.83	1.55	8
MULHALL	6110	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.031	30	99.99	.79	9
OILTON	6616	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.520	31	99.99	.95	8
NORMAN	6386	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.152	31	2.02	1.48	9
OKEMAH	6638	5	36.8	31	-1.1	65.	12	16.	21	874.0	34.0	0.0	0.0	3.160	31	1.78	1.12	18
OKLAHOMA CITY	6661	5	35.2	31	-.7	66.	12	6.	19	924.0	22.0	0.0	0.0	2.513	31	1.55	1.20	9
PERKINS	7003	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.070	31	.95	1.00	19
PIEDMONT	7068	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.992	31	99.99	1.19	9
PRAGUE	7264	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.142	31	1.90	1.60	18
PURCELL	7327	5	36.6	31	-.3	68.	12	2.	19	881.0	10.0	0.0	0.0	3.091	31	2.02	1.32	9
SEMINOLE	8042	5	39.0	31	-.1	68.	13	15.	21	807.0	4.0	0.0	0.0	3.150	31	1.85	1.55	18
SHAWNEE	8110	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.311	31	2.09	1.45	18
STELLA	8479	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.910	31	99.99	1.24	9
STILLWATER	8501	5	32.7	30	-2.6	67.	13	5.	21	968.5	47.5	0.0	0.0	2.521	31	1.62	1.20	9
STROUD	8563	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.683	31	99.99	1.26	9
TECUMSEH	8751	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.021	31	99.99	1.25	9
TROUSDALE	8960	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.471	31	99.99	1.26	9
UNION CITY	9086	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.921	31	1.83	1.75	9
WELTY	9479	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.911	31	99.99	1.30	9
WEWOKA	9575	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.001	31	.58	1.00	9

Note: 9999.0, 999.0, 99.99 indicate missing records.
Trace = .001

JANUARY 1987 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

NAME	ID	DIV	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
MCALESTER	5664	6	40.2	31	2.1	65.	29	18.	21	768.0	-66.0	0.0	0.0	3.432	31	1.81	1.59	9
ASHLAND	364	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.670	31	99.99	2.35	9
BEGGS	631	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.910	31	99.99	1.67	18
BOYNTON	1027	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.380	31	99.99	1.04	9
CALVIN	1391	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.396	31	2.00	1.30	9
CHECOTAH	1711	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.234	31	1.74	1.22	9
DEWAR	2485	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.773	26	1.36	1.02	9
DUSTIN	2690	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.700	31	99.99	1.02	9
EUFAULA	2993	6	40.3	31	999.0	68.	28	20.	21	767.0	9999.0	0.0	9999.0	4.100	31	2.57	1.45	9
HANNA	3884	6	38.6	31	999.0	67.	28	17.	21	817.5	9999.0	0.0	9999.0	3.621	31	2.16	1.26	9
HARTSHORNE	3946	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.203	31	99.99	1.76	9
HASKELL	3956	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.541	31	1.91	1.10	9
HOLDENVILLE	4235	6	39.4	29	.6	68.	12	16.	21	741.0	-71.0	0.0	0.0	2.830	31	1.49	1.04	9
LYONS	5437	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.300	31	-.42	.72	10
MCCURTAIN	5693	6	41.2	31	999.0	69.	28	15.	21	737.5	9999.0	0.0	9999.0	3.751	31	1.87	1.75	9
MUSKOGEE	6130	6	38.8	31	1.1	62.	31	18.	21	813.5	-32.5	0.0	0.0	3.160	31	1.53	1.13	8
OKMULGEE WATER WORK	6670	6	36.4	30	-.7	67.	11	9.	19	858.5	2.5	0.0	0.0	2.800	31	1.17	.75	18
OKTAHA	6678	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.652	31	99.99	1.22	9
QUINTON	7372	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.691	31	2.07	1.76	7
SALLISAW	7862	6	39.4	31	1.0	66.	29	16.	23	794.0	-31.0	0.0	0.0	3.706	31	1.93	1.80	9
SHORT	8170	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.590	31	99.99	1.72	9
SCIPIO	7979	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.200	31	99.99	1.50	9
TAHLEQUAH	8677	6	38.1	31	1.1	64.	13	11.	11	833.0	-35.0	0.0	0.0	3.201	31	1.42	1.18	9
WEBBERS FALLS	9445	6	37.8	30	1.9	66.	29	18.	22	816.5	-85.5	0.0	0.0	3.910	31	2.28	1.45	9
WESTVILLE	9523	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.861	31	99.99	1.34	9
WETUMKA	9571	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.362	31	1.94	1.02	9

Note: 9999.0, 999.0, 99.99 indicate missing records.
Note = .001

JANUARY 1987 SUMMARY FOR SOUTHWEST DIVISION (CD7)

NAME	ID	DIV	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 DAM	184	7	36.0	30	999.0	67.	12	6.	19	871.5	9999.0	0.0	9999.0	1.600	31	.98	.70	9
ANADARKO	224	7	34.0	30	-3.5	66.	12	0.	19	931.5	75.5	0.0	0.0	2.400	30	1.46	1.44	9
ALTUS IRR STA	179	7	38.7	30	-.5	66.	12	7.	19	787.5	-9.5	0.0	0.0	1.531	31	.75	.83	9
CARNEGIE	1504	7	34.3	31	-3.0	64.	31	0.	19	952.5	93.5	0.0	0.0	2.420	31	1.64	1.22	9
CHATANOOGA	1706	7	38.1	31	-.9	64.	28	9.	19	832.5	26.5	0.0	0.0	1.470	31	.56	.99	9
DUNCAN	2668	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.021	31	99.99	1.22	9
FLETCHER	3191	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.420	31	99.99	1.36	9
FREDERICK	3353	7	36.4	30	-4.2	67.	12	10.	20	858.0	102.0	0.0	0.0	1.281	31	.43	1.16	9
GRANDFIELD	3709	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.360	31	.28	.48	18
HOLLIS	4249	7	36.7	28	-2.2	70.	12	6.	21	793.5	-15.5	0.0	0.0	.740	28	.21	.30	7
LAWTON	5063	7	35.6	30	-3.2	64.	27	11.	18	881.0	69.0	0.0	0.0	1.911	27	.84	1.15	8
LOCO	5247	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.390	31	99.99	1.26	9
LOOKEBA	5329	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.190	31	99.99	1.11	9
MANGUM RS STA	5509	7	36.5	31	-2.1	66.	12	4.	20	884.0	66.0	0.0	0.0	1.310	31	.68	.74	9
RANDLETT	7403	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.412	31	99.99	1.15	17
ROOSEVELT	7727	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.121	31	2.44	1.11	31
SCRAPER	7993	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.190	31	99.99	1.16	9
SEDAN	8016	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.331	31	99.99	1.60	9
SNYDER	8299	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.795	31	.96	1.29	9
VINSON	9212	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.761	31	.29	.43	18
WALTERS	9278	7	38.2	31	-1.7	70.	28	8.	19	831.0	53.0	0.0	0.0	2.310	31	1.11	1.10	21
WICHITA MT REF	9629	7	34.7	30	-3.1	68.	28	6.	21	910.0	67.0	0.0	0.0	3.050	31	2.15	1.70	9
WILLOW	9668	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.550	31	99.99	.48	9
ALTUS AFB	447	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.202	31	99.99	.60	9
HOBART	4204	7	35.4	29	-.8	66.	12	4.	19	857.5	-35.5	0.0	0.0	1.320	28	.71	.74	9
FT SILL	5068	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.932	31	.86	1.37	9

Note: 9999.0, 999.0, 99.99 indicate missing records.
Trace = .001

JANUARY 1987 SUMMARY FOR SOUTH CENTRAL DIVISION (CD3)

NAME	ID	DIV	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	-.9	67.	12	17.	21	814.0	27.0	0.0	0.0	3.021	31	1.66	1.10	18
ALLEN	147	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.570	31	99.99	1.55	9
ARDMORE	292	8	41.3	31	-1.2	70.	28	18.	21	733.5	35.5	0.0	0.0	3.610	31	2.26	1.19	9
ATOKA DAM	394	8	40.6	30	999.0	67.	28	19.	21	732.0	9999.0	0.0	9999.0	2.450	31	99.99	1.11	9
BOKCHITO	917	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.420	31	99.99	1.01	9
CANEY	1437	8	40.9	29	999.0	65.	27	22.	21	697.5	9999.0	0.0	9999.0	3.290	31	99.99	1.35	9
CHICKASAW NRA	1745	8	37.7	30	999.0	70.	28	14.	19	817.5	9999.0	0.0	9999.0	3.351	31	99.99	1.23	18
COMANCHE	2054	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.161	31	99.99	1.07	9
DAISY	2354	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.731	31	1.78	1.37	10
DURANT USDA	2678	8	41.3	30	999.0	70.	30	18.	21	711.0	9999.0	0.0	9999.0	3.252	31	1.51	1.30	9
ELMORE CITY	2872	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.432	31	99.99	1.05	18
FARRIS	3083	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.470	31	99.99	1.41	9
GRADY	3688	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.300	31	99.99	1.40	12
HEALDTON	4001	8	39.4	31	999.0	72.	28	13.	19	794.0	9999.0	0.0	9999.0	2.930	31	1.59	1.16	9
HENNEPIN	4052	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.990	31	99.99	1.99	9
KINGSTON	4865	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.510	31	1.80	1.32	9
LEHIGH	5108	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.224	31	99.99	1.72	9
LINDSAY	5216	8	37.4	29	999.0	69.	28	5.	19	801.5	9999.0	0.0	9999.0	2.781	30	1.65	1.04	9
MADILL	5468	8	42.0	31	1.0	71.	28	19.	21	714.5	-29.5	0.0	0.0	3.261	31	1.57	1.45	9
MARIETTA	5563	8	41.7	31	.5	73.	28	17.	19	723.5	-14.5	0.0	0.0	2.782	31	1.30	1.27	9
MARLOW	5581	8	37.8	31	999.0	71.	28	6.	19	844.5	9999.0	0.0	9999.0	2.610	31	1.71	1.21	9
MCGEE CREEK	5713	8	41.2	29	999.0	67.	30	17.	21	690.5	9999.0	0.0	9999.0	3.650	31	99.99	1.41	9
OSWALT	6787	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.751	31	99.99	2.00	17
PAULS VALLEY	6926	8	38.1	31	-1.1	70.	28	10.	19	833.0	33.0	0.0	0.0	2.720	31	1.41	1.32	9
TISHOMINGO	8884	8	42.6	15	999.0	68.	5	16.	2	336.5	9999.0	0.0	9999.0	2.930	23	1.40	1.53	9
TUSSY	9032	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.382	31	99.99	.85	18
WAURIKA	9395	8	39.9	31	-1.1	76.	28	11.	19	778.5	34.5	0.0	0.0	1.880	31	.75	1.33	9

Note: 9999.0, 999.0, 99.99 indicate missing records.
Trace = .001

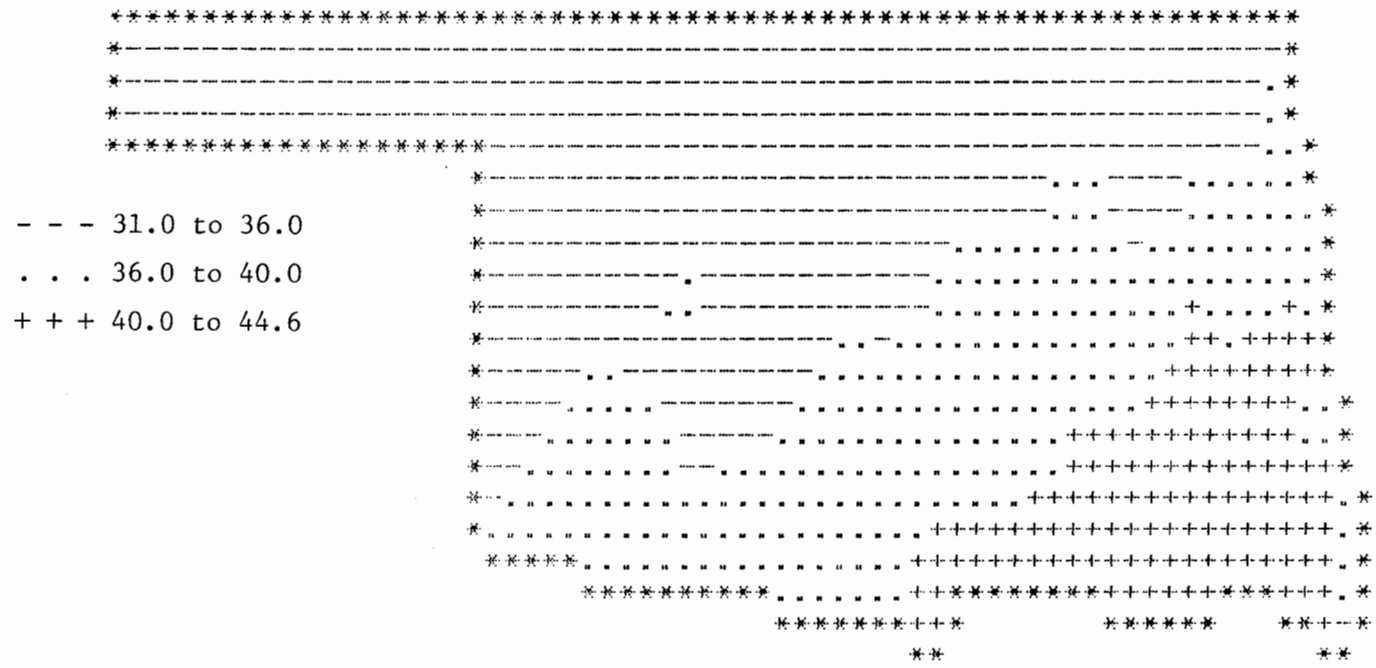
JANUARY 1987 SUMMARY FOR SOUTHEAST DIVISION (CD9)

NAME	ID	DIV	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ANTLERS	256	9	44.6	31	4.4	69.	29	29.	24	631.0	-138.0	0.0	0.0	2.200	31	0.00	1.25	9
BATTIEST	567	9	41.6	31	999.0	71.	29	15.	23	726.5	9999.0	0.0	9999.0	1.762	31	99.99	1.06	9
BEAR MT TW	584	9	43.4	30	999.0	72.	29	21.	21	648.5	9999.0	0.0	9999.0	2.380	29	-.29	.90	9
BENGAL	670	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.890	31	99.99	1.59	9
BROKEN BOW	1162	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.560	31	-.47	.99	10
BROKEN BOW DAM	1168	9	40.8	30	999.0	74.	29	2.	27	727.0	9999.0	0.0	9999.0	2.820	31	99.99	.97	9
BUFFALO MT TW	1251	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.040	31	99.99	1.74	9
CARNSAW TW	1499	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.870	18	-2.30	.87	3
CARTER MT	1544	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.790	31	.10	1.05	9
FANSHAWE	3065	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.060	31	1.18	1.45	9
HEAVENER	4008	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.460	31	.21	.75	9
HEE MT TW	4017	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.800	31	99.99	.95	9
HUGO	4384	9	43.9	31	1.6	72.	29	20.	21	655.0	-49.0	0.0	0.0	1.391	31	-.83	.68	18
IDABEL	4451	9	41.7	30	-.3	74.	29	22.	21	699.5	-13.5	0.0	0.0	1.070	31	-1.97	.80	9
JADIE TOWER	4560	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.550	31	99.99	.92	9
POTEAU	7254	9	40.5	30	999.0	69.	28	17.	20	736.0	9999.0	0.0	9999.0	2.871	31	99.99	1.06	9
SMITHVILLE	8285	9	40.6	23	999.0	70.	29	13.	23	560.5	9999.0	0.0	9999.0	2.781	24	99.99	1.80	8
SPIRO	8416	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.150	31	1.33	1.36	9
VALLIANT	9118	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.562	31	.04	.98	9
WILBURTON	9634	9	40.0	31	.7	64.	29	18.	24	776.0	-21.0	0.0	0.0	3.900	31	1.99	1.51	9
TUSKAHOMA	9023	9	41.4	31	999.0	71.	29	15.	21	731.0	9999.0	0.0	9999.0	2.691	31	99.99	.98	16
WISTER DAM	9719	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.251	16	99.99	.93	9
ZOE	9985	9	38.6	30	999.0	70.	29	15.	21	792.0	9999.0	0.0	9999.0	2.321	31	-.24	1.13	9

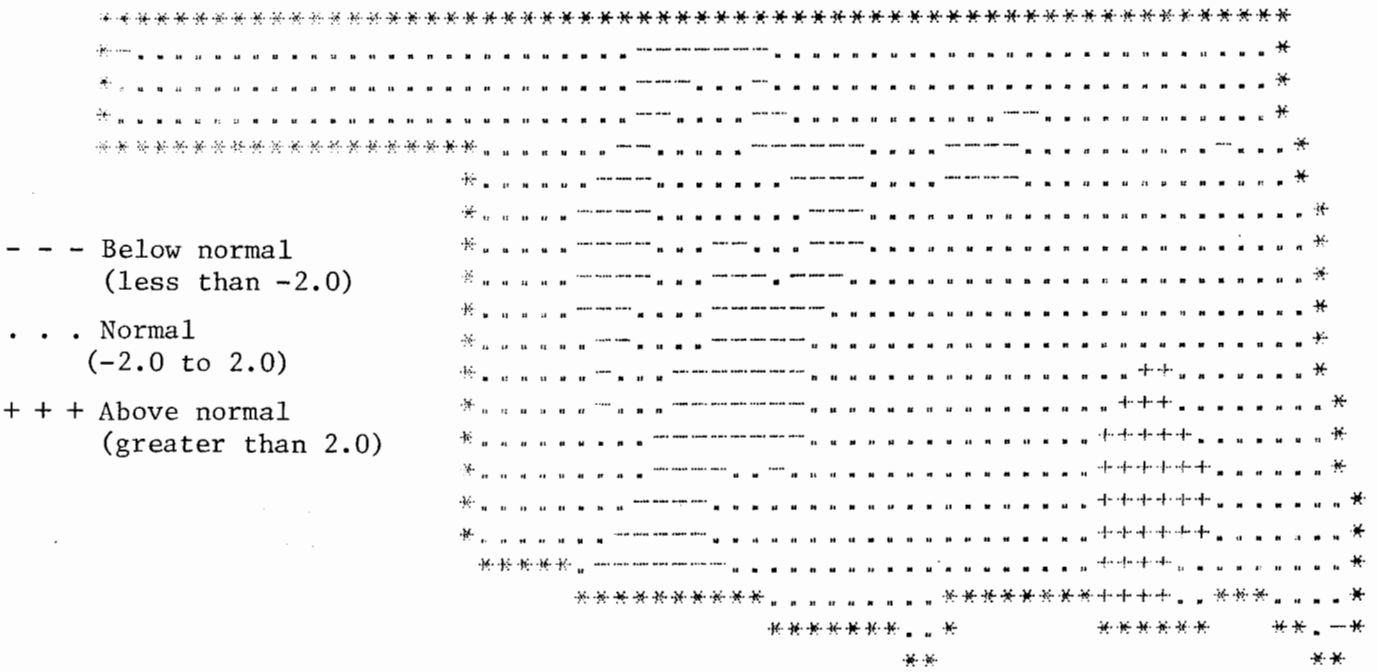
JANUARY 1987 CLIMATE DIVISION SUMMARY

CLIMATE DIV	MEAN TEMP	NUM STA	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEGREE DAYS	DEV FROM NORM	COOL DEGREE DAYS	DEV FROM NORM	TOT PPT	NUM STA	DEV FROM NORM	MAX 24-HR	DAY
1	34.2	10	.5	74.0	4	1.0	21	936.0	-35.7	0.0	0.0	1.06	13	.65	.62	18
2	33.1	12	-1.3	71.0	1	-2.0	19	981.4	31.0	0.0	0.0	1.66	24	.92	1.50	18
3	35.4	15	.4	70.0	29	3.0	21	906.3	-22.3	0.0	0.0	2.18	32	.84	1.80	18
4	34.7	10	-1.5	70.0	12	0.0	19	924.8	30.0	0.0	0.0	1.41	19	.85	2.00	19
5	35.3	17	-1.3	70.0	12	0.0	19	910.9	30.0	0.0	0.0	2.43	39	1.36	1.75	9
6	39.0	10	1.4	69.0	28	9.0	19	794.7	-54.3	0.0	0.0	3.24	26	1.65	2.35	9
7	36.2	12	-2.3	70.0	28	0.0	19	865.9	45.2	0.0	0.0	1.92	26	1.10	1.70	9
8	39.9	14	-.9	76.0	28	5.0	19	763.2	11.4	0.0	0.0	2.90	26	1.47	2.00	17
9	41.6	10	.7	74.0	29	2.0	27	712.2	-33.5	0.0	0.0	2.66	20	.20	1.80	8

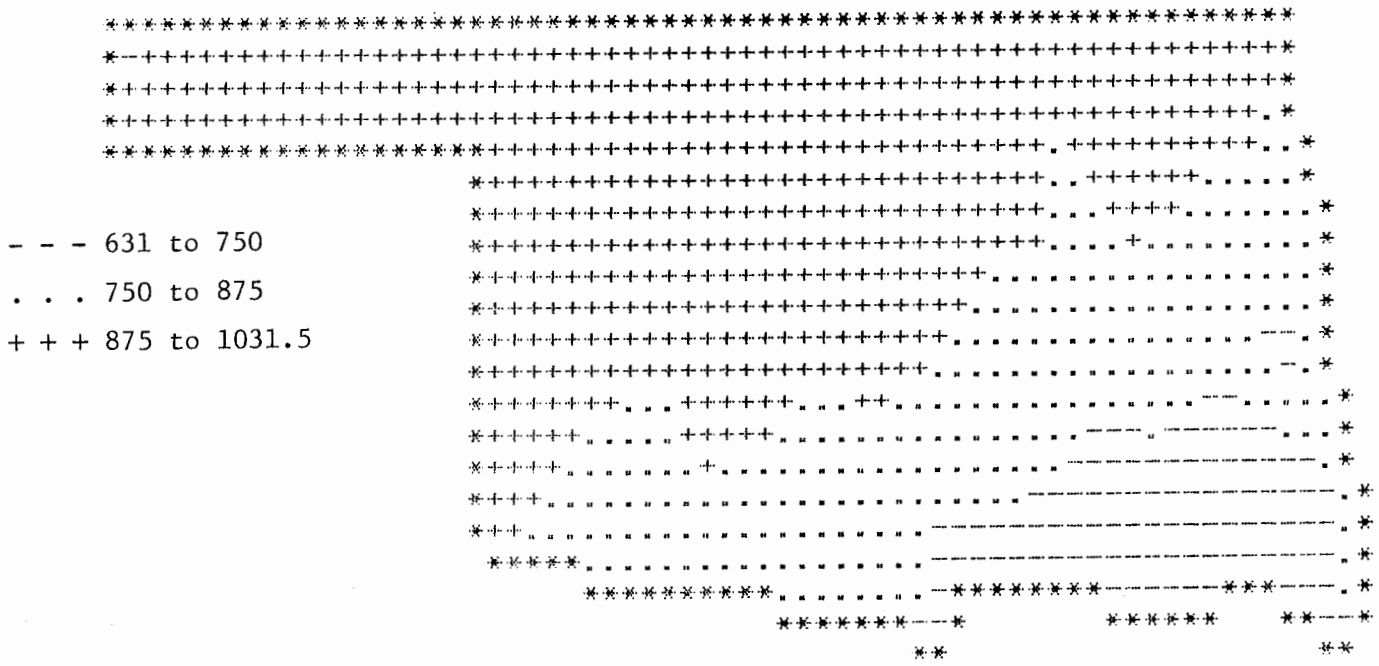
Note: 9999.0, 999.0, 99.99 indicate missing records.
Trace = .001



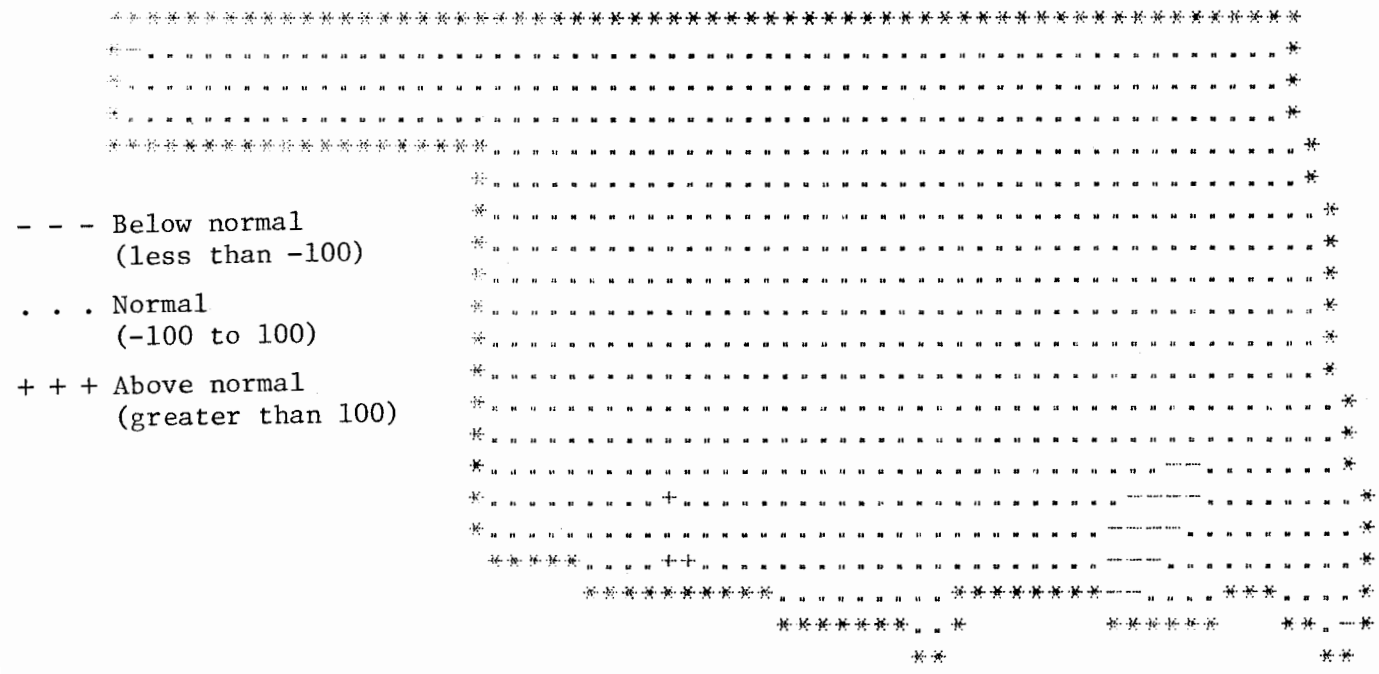
JANUARY 1987 AVERAGE MONTHLY TEMPERATURE
(DEGREES F)



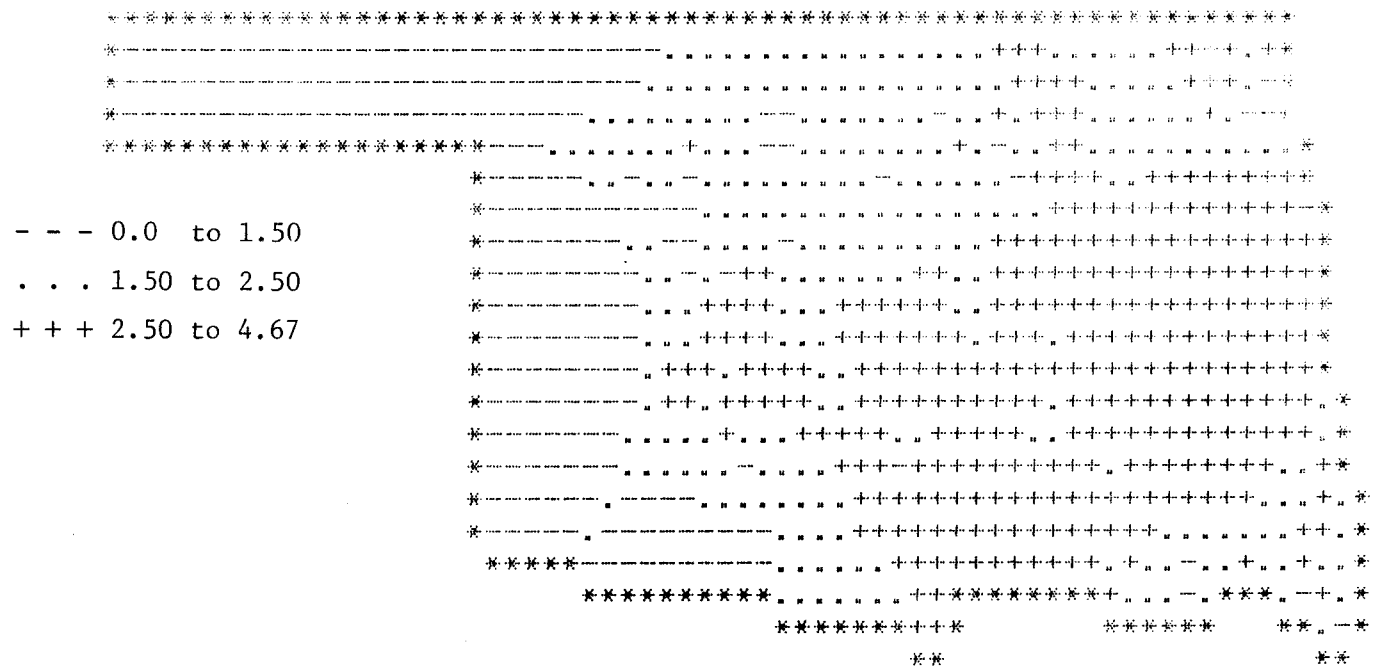
JANUARY 1987 DEVIATION FROM NORMAL TEMPERATURE



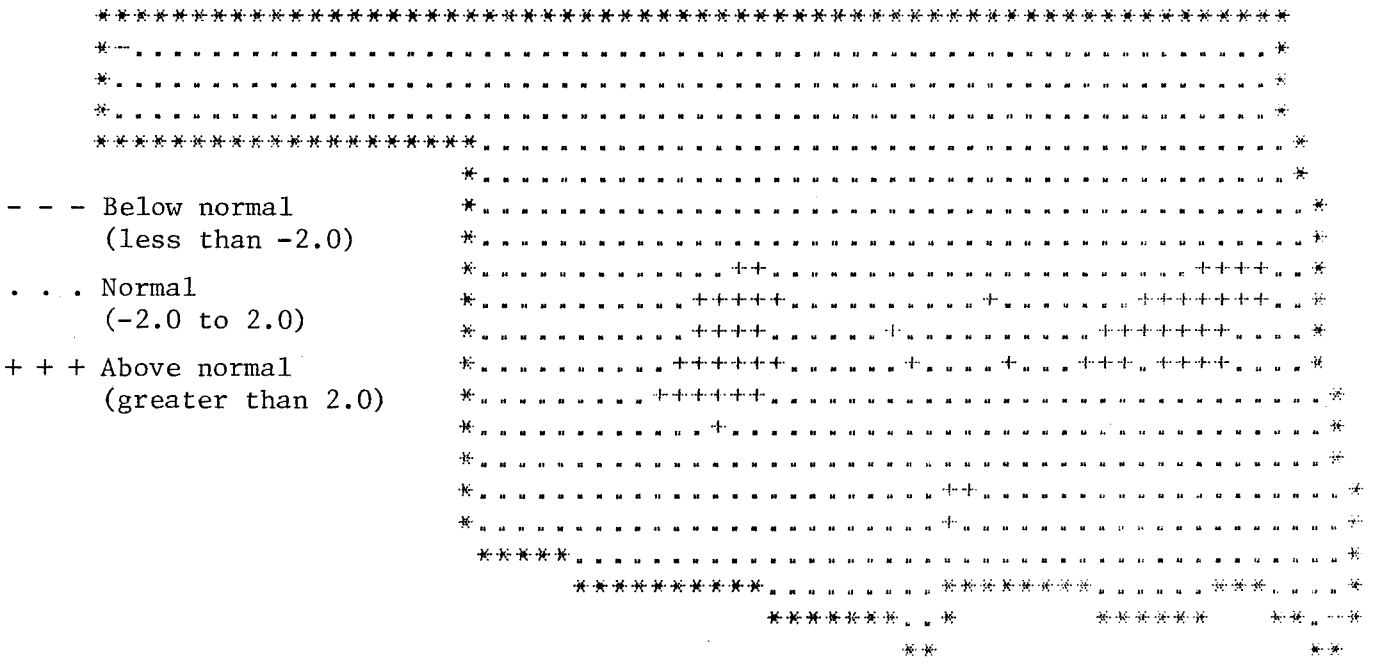
JANUARY 1987 TOTAL HEATING DEGREE DAYS



JANUARY 1987 DEVIATION FROM NORMAL HEATING DEGREE DAYS



JANUARY 1987 TOTAL PRECIPATION
(INCHES)



JANUARY 1987 DEVIATION FROM NORMAL PRECIPITATION

MARCH 1987
CLIMATE CALENDAR

The data on this calendar are for Oklahoma City. Normal values are calculated for the period 1950-1979. Extremes are found for the period of record (1924-present).

Normal	1	Actual
59.6	max	
33.2	min	
.036	pcpn	
18	HDD	
0	CDD	
Highest Max		85-1976
Lowest Max		20-1980
Lowest Min		9-1980
Highest Min		56-1940
Greatest pcpn		1.71-1948

Normal	2	Actual
59.0	max	
36.6	min	
.084	pcpn	
17	HDD	
0	CDD	
Highest Max		85-1976
Lowest Max		27-1960
Lowest Min		8-1980
Highest Min		62-1976
Greatest pcpn		.65-1979

Normal	3	Actual
56.2	max	
33.2	min	
.081	pcpn	
20	HDD	
0	CDD	
Highest Max		84-1955
Lowest Max		18-1960
Lowest Min		3-1960
Highest Min		59-1955
Greatest pcpn		1.46-1985

Normal	4	Actual
54.1	max	
30.4	min	
.029	pcpn	
22	HDD	
0	CDD	
Highest Max		84-1938
Lowest Max		18-1960
Lowest Min		8-1960
Highest Min		60-1938
Greatest pcpn		1.00-1982

Normal	5	Actual
56.4	max	
32.1	min	
.014	pcpn	
21	HDD	
0	CDD	
Highest Max		87-1956
Lowest Max		25-1960
Lowest Min		10-1960
Highest Min		56-1956
Greatest pcpn		1.71-1933

Normal	6	Actual
58.8	max	
34.4	min	
.078	pcpn	
18	HDD	
0	CDD	
Highest Max		83-1929
Lowest Max		21-1943
Lowest Min		8-1943
Highest Min		48-1974
Greatest pcpn		1.45-1973

Normal	7	Actual
56.3	max	
33.4	min	
.040	pcpn	
20	HDD	
0	CDD	
Highest Max		79-1974
Lowest Max		22-1932
Lowest Min		9-1943
Highest Min		61-1974
Greatest pcpn		.61-1976

Normal	8	Actual
56.6	max	
34.1	min	
.154	pcpn	
19	HDD	
0	CDD	
Highest Max		77-1977
Lowest Max		26-1932
Lowest Min		9-1967
Highest Min		57-1974
Greatest pcpn		1.38-1974

Normal	9	Actual
59.5	max	
36.0	min	
.068	pcpn	
17	HDD	
0	CDD	
Highest Max		81-1986
Lowest Max		29-1932
Lowest Min		11-1932
Highest Min		61-1986
Greatest pcpn		.70-1952

Normal	10	Actual
61.9	max	
38.9	min	
.135	pcpn	
15	HDD	
0	CDD	
Highest Max		89-1955
Lowest Max		26-1932
Lowest Min		4-1948
Highest Min		56-1967
Greatest pcpn		1.48-1974

Normal	11	Actual
59.7	max	
38.6	min	
.095	pcpn	
16	HDD	
1	CDD	
Highest Max		93-1967
Lowest Max		16-1948
Lowest Min		1-1948
Highest Min		56-1972
Greatest pcpn		1.48-1945

Normal	12	Actual
58.8	max	
36.3	min	
.050	pcpn	
18	HDD	
0	CDD	
Highest Max		90-1967
Lowest Max		27-1950
Lowest Min		4-1948
Highest Min		59-1972
Greatest pcpn		.78-1966

Normal	13	Actual
59.6	max	
35.7	min	
.020	pcpn	
17	HDD	
0	CDD	
Highest Max		90-1967
Lowest Max		36-1956
Lowest Min		14-1950
Highest Min		56-1933
Greatest pcpn		.43-1953

Normal	14	Actual
60.6	max	
35.5	min	
.016	pcpn	
17	HDD	
0	CDD	
Highest Max		83-1955
Lowest Max		32-1937
Lowest Min		17-1954
Highest Min		56-1955
Greatest pcpn		.87-1982

Normal	15	Actual
57.5	max	
36.8	min	
.012	pcpn	
18	HDD	
0	CDD	
Highest Max		84-1943
Lowest Max		37-1937
Lowest Min		21-1937
Highest Min		56-1935
Greatest pcpn		2.34-1944

Normal	16	Actual
60.6	max	
36.4	min	
.054	pcpn	
16	HDD	
0	CDD	
Highest Max		79-1966
Lowest Max		37-1960
Lowest Min		22-1934
Highest Min		56-1930
Greatest pcpn		.77-1961

Normal	17	Actual
63.6	max	
37.8	min	
.064	pcpn	
14	HDD	
0	CDD	
Highest Max		82-1972
Lowest Max		34-1970
Lowest Min		20-1934
Highest Min		56-1977
Greatest pcpn		.69-1953

Normal	18	Actual
63.0	max	
39.9	min	
.050	pcpn	
13	HDD	
0	CDD	
Highest Max		86-1963
Lowest Max		30-1965
Lowest Min		19-1965
Highest Min		59-1968
Greatest pcpn		.48-1968

Normal	19	Actual
62.1	max	
39.0	min	
.072	pcpn	
15	HDD	
0	CDD	
Highest Max		88-1976
Lowest Max		26-1965
Lowest Min		16-1965
Highest Min		61-1982
Greatest pcpn		.90-1944

Normal	20	Actual
61.1	max	
37.5	min	
.160	pcpn	
16	HDD	
0	CDD	
Highest Max		85-1938
Lowest Max		35-1964
Lowest Min		12-1965
Highest Min		64-1935
Greatest pcpn		2.18-1985

Normal	21	Actual
59.4	max	
35.6	min	
.035	pcpn	
18	HDD	
0	CDD	
Highest Max		84-1938
Lowest Max		29-1955
Lowest Min		17-1974
Highest Min		62-1935
Greatest pcpn		.54-1926

Normal	22	Actual
64.7	max	
36.8	min	
.088	pcpn	
14	HDD	
0	CDD	
Highest Max		85-1929
Lowest Max		38-1952
Lowest Min		13-1955
Highest Min		59-1935
Greatest pcpn		1.37-1979

Normal	23	Actual
63.3	max	
38.4	min	
.129	pcpn	
14	HDD	
0	CDD	
Highest Max		88-1929
Lowest Max		36-1974
Lowest Min		17-1983
Highest Min		60-1947
Greatest pcpn		2.35-1984

Normal	24	Actual
61.0	max	
39.1	min	
.066	pcpn	
15	HDD	
0	CDD	
Highest Max		91-1929
Lowest Max		36-1965
Lowest Min		23-1965
Highest Min		59-1928
Greatest pcpn		1.24-1973

Normal	25	Actual
60.0	max	
38.7	min	
.060	pcpn	
16	HDD	
0	CDD	
Highest Max		88-1976
Lowest Max		33-1964
Lowest Min		18-1955
Highest Min		60-1976
Greatest pcpn		.81-1948

Normal	26	Actual
63.0	max	
38.9	min	
.032	pcpn	
14	HDD	
0	CDD	
Highest Max		85-1972
Lowest Max		33-1937
Lowest Min		13-1955
Highest Min		60-1956
Greatest pcpn		2.02-1938

Normal	27	Actual
66.7	max	
40.3	min	
.036	pcpn	
11	HDD	
0	CDD	
Highest Max		84-1945
Lowest Max		36-1931
Lowest Min		18-1955
Highest Min		60-1985
Greatest pcpn		1.79-1929

Normal	28	Actual
66.8	max	
43.2	min	
.058	pcpn	
10	HDD	
1	CDD	
Highest Max		88-1928
Lowest Max		36-1931
Lowest Min		16-1931
Highest Min		62-1985
Greatest pcpn		2.42-1929

Normal	29	Actual
64.5	max	
41.5	min	
.039	pcpn	
13	HDD	
1	CDD	
Highest Max		86-1967
Lowest Max		35-1975
Lowest Min		21-1944
Highest Min		65-1963
Greatest pcpn		.59-1981

Normal	30	Actual
64.0	max	
41.5	min	
.146	pcpn	
12	HDD	
0	CDD	
Highest Max		85-1946
Lowest Max		28-1926
Lowest Min		23-1975
Highest Min		64-1967
Greatest pcpn		1.82-1963

Normal	31	Actual
70.0	max	
45.1	min	
.027	pcpn	
8	HDD	
1	CDD	
Highest Max		94-1940
Lowest Max		41-1926
Lowest Min		20-1926
Highest Min		62-1967
Greatest pcpn		.56-1967