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 DECEMBER 1986

Oklahoma received slightly less than its normal share of precipitation this December. Although the southeastern one-third of the State reported more rain than other areas, it still recorded only about half of its December average. Mean monthly temperatures were near normal over the entire State except in climate division 8 which reported a deviation of -1.7 degrees.

Oklahomans in the northwestern part of the State did not need to wait long for December's first snow. A strong upper level system produced a snow-generating surface low in the Enid area. Snowfall reports included 3 inches at Vici, 2.5 inches at Woodward and 2 inches at Gage. Since the ground in most areas was warmer than 32 degrees, most of the snow melted shortly after reaching the ground.

Another winter storm entered Oklahoma on the 7th. By the 8th, Texas County had received nearly 6 inches of snow, and Guymon reported an inch. The area also received freezing rain and ice pellets, and several minor vehicle accidents were reported. The front also delivered a steady, cold drizzle most of the day to the southwestern part of the state. By the time the front left the area, rainfall measurements included Duncan 1.4 inches, Comanche 1.22 inches, and Marlow .67 inches. These rains presented problems for peanut and cotton farmers in southern Oklahoma. Unharvested peanut plants began to decay forcing some farmers to abandon their crops. Some cotton which remained in the fields began to deteriorate and thus decline in market value. According to Stephens County OSU Extension Agent George Provence, the rain-weakened fibers could no

longer be sold for use in fine clothing and would thus demand a lesser price for use in rugs or upholstery. In addition, Provence noted that rain-soaked cotton bolls often fall from the plants and are passed over by the pickers, thereby producing an additional loss to farmers.

A few days of below normal temperatures followed the front. By the 13th, however, temperatures had recovered to near normal over most of the State. During the second half of the month, the northern two-thirds of the State received little or no precipitation. The southern one-third recorded slightly more, with totals typically being less than three-fourths of an inch. Much of this southern precipitation accompanied a front passing through the area on the 17th.

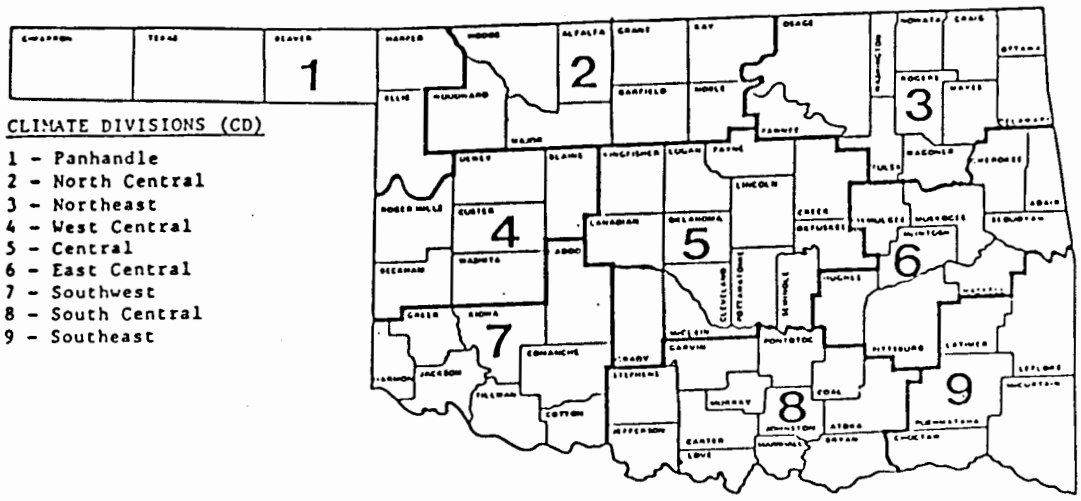
A most interesting snowfall occurred on the 28th in the Bethany area. The National Weather Service reported that moisture from a power plant in Mustang drifted over Bethany where it condensed and fell as snow. The Weather Service explained that a shallow layer of air saturated by the power plant steam was trapped near the ground by a higher layer of stable air. Over Bethany, where the temperatures were below freezing, the moisture in the lower air layer condensed into snow which precipitated and dusted the city.

TABLE OF 1985/1986 COMPARISONS

	December Temperatures (F)		December Precipitation (in.)	
Station	1985	1986	1985	1986
Goodwell	32.5	34.2	.010	.393
Lahoma	30.7	37.7	0.000	1.130
Mutual	32.4	37.8	.471	.660
Tulsa	34.3	40.1	1.794	.911
Elk City	34.1	39.5	.433	.854
Oklahoma City	35.1	41.1	.686	1.161
McAlester	36.2	41.8	1.962	1.353
Altus Irr. Sta.	38.0	43.4	.703	.550
Durant	39.1	44.1	.942	1.630
Ada	37.4	41.1	1.511	1.061
Tuskahoma	38.2	42.7	1.622	1.950

EXTREMES

Variable	Station	Division	Observation	Date
Mimimum temperature (F)	Goodwell	1	0	11
Maximum temperature (F)	Guymon	1	66	30
	Cleveland	3	66	29
	Spavinaw Lake	3	66	1
Maximum 24-hour precipitation	Hee Mt Tw	9	1.56"	8



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.

DECEMBER 1986 SUMMARY FOR NORTHWEST DIVISION (CD1)

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 DAY
ARNETT	332	1	37.7	30	.5	58.	30	17.	11	817.5	-44.5	0.0	0.0	.701	31	.07	.41	7
BEAVER	593	1	35.9	30	-.3	61.	30	14.	11	872.0	-21.0	0.0	0.0	1.690	31	1.24	1.20	7
BOISE CITY	908	1	35.6	31	-1.2	63.	30	8.	11	910.0	36.0	0.0	0.0	.230	31	-.17	.15	9
BUFFALO	1243	1	38.2	31	-.3	61.	28	15.	30	832.0	10.0	0.0	0.0	.800	31	.11	.50	7
FARGO	3070	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.531	31	-.12	.23	9
GAGE	3407	1	38.3	31	1.5	60.	30	17.	30	828.0	-46.0	0.0	0.0	.381	31	-.26	.20	2
GATE	3489	1	37.8	30	999.0	61.	29	15.	9	814.5	9999.0	0.0	9999.0	.240	30	99.99	.24	6
GOODWELL RES STA	3628	1	34.2	30	-2.5	64.	30	0.	11	925.5	48.5	0.0	0.0	.393	31	.12	.34	9
GUYMON	3835	1	35.3	31	999.0	66.	30	5.	10	921.0	9999.0	0.0	9999.0	.834	31	99.99	.53	9
HOOKER	4298	1	34.9	31	-1.5	64.	31	6.	11	932.0	45.0	0.0	0.0	.570	31	.18	.30	9
KENTON	4766	1	34.6	30	-2.3	62.	30	5.	10	911.0	40.0	0.0	0.0	.120	31	-.18	.06	10
LAVERNE	5045	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.610	31	-.06	.19	1
REGNIER	7534	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.650	31	1.37	.75	4

DECEMBER 1986 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)

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 DAY
ALVA	194	2	38.4	31	.3	60.	28	16.	30	825.0	-9.0	0.0	0.0	.830	31	.02	.38	2
BILLINGS	755	2	38.9	30	999.0	56.	13	22.	11	784.0	9999.0	0.0	9999.0	1.140	31	-.08	.73	7
BLACKWELL	818	2	38.4	31	999.0	55.	13	22.	30	824.0	9999.0	0.0	9999.0	2.161	31	99.99	1.10	7
BRAMAN	1075	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.082	31	99.99	.94	7
CEDARDALE	1620	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.500	31	99.99	.15	2
CHEROKEE	1724	2	39.3	31	1.0	57.	12	22.	30	797.0	-31.0	0.0	0.0	.780	31	-.09	.34	7
ENID	2912	2	39.3	31	-.0	55.	12	23.	30	798.0	1.0	0.0	0.0	1.462	31	.43	.83	7
FT SUPPLY DAM	3304	2	36.6	30	-1.5	60.	14	16.	10	853.0	19.0	0.0	0.0	.770	31	.15	.28	8
FREEDOM	3358	2	37.9	31	999.0	61.	12	15.	30	841.0	9999.0	0.0	9999.0	.860	31	99.99	.27	9
GSP DAM	3740	2	39.1	30	999.0	58.	12	21.	31	776.5	9999.0	0.0	9999.0	.790	31	0.00	.44	8
HARDY	3909	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.475	31	99.99	.90	6
HELENA	4019	2	38.9	30	999.0	55.	29	23.	31	783.0	9999.0	0.0	9999.0	.921	31	-.02	.45	7
JEFFERSON	4753	2	38.9	31	999.0	57.	12	21.	30	810.0	9999.0	0.0	9999.0	1.100	31	99.99	.49	6
LAHOMA AG	4950	2	37.7	30	999.0	56.	7	20.	31	818.5	9999.0	0.0	9999.0	1.130	31	99.99	.55	7
LAMONT	5013	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.330	31	99.99	.82	7
MEDFORD	5768	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.441	31	99.99	.96	7
MORRISON	6065	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.351	31	99.99	.85	7
MUTUAL	6139	2	37.8	30	.0	58.	25	18.	11	814.5	-28.5	0.0	0.0	.660	31	0.00	.23	7
NEWKIRK	6278	2	38.9	31	1.3	56.	13	22.	10	808.5	-40.5	0.0	0.0	1.540	31	.32	1.15	7
ORIENTA	6751	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.200	31	99.99	.20	7
PERRY	7012	2	40.7	31	.3	58.	19	22.	30	754.5	-8.5	0.0	0.0	1.150	31	-.05	.77	7
PONCA CITY	7201	2	39.3	31	2.6	57.	13	23.	30	797.5	-79.5	0.0	0.0	1.460	31	.19	.99	7
RED ROCK	7505	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.040	31	-.25	.60	7
RENFROW	7556	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.200	31	.21	.80	7
WAYNOKA	9404	2	38.1	31	-.5	59.	28	16.	30	834.0	16.0	0.0	0.0	.550	31	-.22	.30	2
WOODWARD	9760	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.920	31	.21	.27	9

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

DECEMBER 1986 SUMMARY FOR NORTHEAST DIVISION (CD3)

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
BARNSDALL	535	3	38.2	31	999.0	56.	13	18.	11	830.0	9999.0	0.0	9999.0	1.582	31	-.04	.94	6
BIXBY	782	3	39.7	30	-.5	57.	13	22.	11	757.5	-8.5	0.0	0.0	1.170	31	-.66	.75	9
CHELSEA	1717	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.021	31	99.99	.43	8
CLAREMORE	1828	3	38.2	30	-.8	55.	13	19.	11	805.0	-1.0	0.0	0.0	1.071	31	-.78	.38	9
CLEVELAND	1902	3	40.6	27	999.0	66.	29	20.	11	657.5	9999.0	0.0	9999.0	1.220	27	99.99	.90	7
FORAKER	3250	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.580	31	.24	1.22	7
HOLLOW	4258	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.091	31	-.80	.34	8
HOMINY	4289	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.410	31	.13	.68	7
HULAH DAM	4393	3	36.6	16	-.6	58.	14	12.	11	455.0	-407.0	0.0	0.0	0.000	31	-1.29	0.00	31
JAY TOWER	4567	3	41.4	28	999.0	61.	1	18.	11	660.5	9999.0	0.0	9999.0	.970	31	99.99	.42	9
KANSAS	4672	3	39.5	31	999.0	58.	1	18.	11	789.0	9999.0	0.0	9999.0	.962	31	99.99	.43	9
KEYSTONE DAM	4812	3	38.3	16	999.0	57.	6	15.	11	427.5	9999.0	0.0	9999.0	1.200	21	99.99	.50	7
LENAPAH	5118	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.020	31	99.99	.52	7
PAWNEE	5522	3	40.2	28	999.0	59.	25	18.	11	694.0	9999.0	0.0	9999.0	1.711	31	99.99	.82	7
MARAMEC	5540	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.981	31	-.25	.91	7
MIAMI	5855	3	35.9	30	-3.3	58.	13	15.	10	872.0	72.0	0.0	0.0	1.030	31	-1.12	.51	6
NOWATA	6485	3	39.0	31	.0	55.	20	20.	11	804.5	-1.5	0.0	0.0	1.130	31	-.67	.68	8
ONETA	6713	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.061	31	99.99	.42	9
PAWHUSKA	6937	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.430	31	99.99	.92	7
PAWNEE	6940	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.040	31	-.21	.55	7
PRYOR	7309	3	38.2	30	-1.2	58.	3	18.	12	802.5	8.5	0.0	0.0	.881	31	-1.16	.33	9
QUAPAW	7358	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.493	31	-1.52	.49	8
RALSTON	7390	3	39.9	31	999.0	58.	20	20.	11	777.0	9999.0	0.0	9999.0	1.390	31	.03	.90	7
RAMONA	7394	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.200	31	99.99	.70	7
SKIATOOK	8258	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.340	31	-.11	.80	7
SPAVINAW	8380	3	40.6	31	999.0	63.	1	18.	11	757.0	9999.0	0.0	9999.0	.963	31	-1.07	.43	9
STILWELL	8506	3	40.1	31	999.0	58.	1	18.	11	771.5	9999.0	0.0	9999.0	.852	31	-1.86	.31	8
SPAVINAW LAKE	8382	3	41.4	30	999.0	66.	1	18.	12	709.0	9999.0	0.0	9999.0	.962	30	99.99	.43	9
TULSA	8992	3	40.1	31	.3	57.	13	22.	11	772.5	-8.5	0.0	0.0	.911	31	-.91	.35	7
UPPER SPAVINAW	9101	3	42.8	27	999.0	60.	12	23.	12	599.0	9999.0	0.0	9999.0	1.002	31	99.99	.51	9
VINITA	9203	3	38.7	31	-.2	56.	14	18.	11	815.0	6.0	0.0	0.0	.930	31	-1.21	.75	9
WAGONER	9247	3	40.9	31	-.5	56.	13	19.	11	747.5	15.5	0.0	0.0	1.121	31	-.94	.41	9
WANN	9298	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.930	31	99.99	.67	7
WYNONA	9792	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.651	31	99.99	1.10	7

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

DECEMBER 1986 SUMMARY FOR WEST CENTRAL DIVISION (CD4)

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
CLINTON	1909	4	42.2	31	2.3	59.	30	22.	30	707.0	-71.0	0.0	0.0	.840	31	-.07	.53	9
COLONY	2039	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.360	31	99.99	.92	9
CORDELL	2125	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.800	31	-.11	.49	9
ELK CITY	2849	4	39.5	31	999.0	57.	29	20.	30	791.0	9999.0	0.0	9999.0	.854	31	.14	.43	9
ERICK	2944	4	40.6	31	.3	59.	29	22.	30	755.0	-11.0	0.0	0.0	.562	31	-.12	.30	9
GEARY	3497	4	39.6	29	-.6	55.	5	23.	27	738.0	-31.0	0.0	0.0	.900	30	-.12	.90	9
HAMMON	3871	4	39.3	30	.3	59.	26	21.	10	771.0	-35.0	0.0	0.0	.450	31	-.26	.40	9
LEEDY	5090	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	0.000	31	-.69	0.00	31
MORAVIA	6035	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.570	31	-.23	.37	9
OKEENE	6629	4	40.3	31	.0	56.	5	23.	30	765.5	-.5	0.0	0.0	.610	31	-.25	.40	9
RETROP	7565	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.720	31	99.99	.51	9
REYDON	7579	4	40.1	28	999.0	59.	30	19.	10	698.0	9999.0	0.0	9999.0	.521	28	-.10	.29	7
SAYRE	7952	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.250	31	-.35	.14	8
SWEETWATER	8652	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.770	31	99.99	.47	7
TALOGA	8708	4	39.0	31	.3	59.	1	19.	30	806.0	-9.0	0.0	0.0	.820	31	.19	.32	9
VICI	9172	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.240	31	99.99	.73	7
WATONGA	9364	4	39.7	31	999.0	55.	30	23.	30	783.5	9999.0	0.0	9999.0	.624	31	-.38	.33	9
WEATHERFORD	9422	4	40.0	30	-.3	57.	30	22.	30	751.5	-17.5	0.0	0.0	.641	31	-.22	.39	9

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

DECEMBER 1986 SUMMARY FOR CENTRAL DIVISION (CD5)

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
AMBER	200	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.980	31	99.99	.51	7
ARCADIA	288	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.230	31	99.99	.54	7
TINKER AFB	325	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.251	31	99.99	.65	7
BLANCHARD	830	5	41.6	31	999.0	58.	31	24.	11	726.5	9999.0	0.0	9999.0	.962	31	99.99	.88	7
CHANDLER	1684	5	40.5	31	-1.0	57.	12	21.	12	758.0	29.0	0.0	0.0	1.221	31	-.17	.58	6
BRISTOW	1144	5	40.6	31	-.2	58.	13	19.	11	756.0	6.0	0.0	0.0	1.430	31	-.16	.78	6
CHICKASHA RES.	1750	5	42.0	30	.4	58.	31	23.	30	691.0	-34.0	0.0	0.0	1.200	31	.12	.58	8
COX CITY	2196	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.030	31	99.99	.96	6
CRESCENT	2242	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.590	31	99.99	.55	7
CUSHING	2318	5	39.6	28	.1	57.	20	23.	10	710.5	-80.5	0.0	0.0	.930	31	-.38	.75	7
EL RENO	2818	5	39.6	31	-.5	57.	20	22.	11	787.5	15.5	0.0	0.0	.661	31	-.37	.32	9
GUTHRIE	3821	5	41.3	31	1.3	58.	5	21.	11	734.5	-40.5	0.0	0.0	1.720	31	.52	.70	9
HENNESSEY	4055	5	39.9	31	.6	55.	5	25.	27	779.0	-18.0	0.0	0.0	.880	31	-.11	.42	7
INGALLS	4489	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.401	31	99.99	.97	7
KINGFISHER	4861	5	40.1	31	.2	59.	1	23.	30	771.0	-7.0	0.0	0.0	.800	31	-.33	.45	9
GFISHER CREEK	4862	5	40.5	30	999.0	56.	28	23.	30	736.5	9999.0	0.0	9999.0	.800	31	99.99	.45	9
KINGFISHER	4864	5	40.5	30	999.0	56.	28	23.	30	736.5	9999.0	0.0	9999.0	.770	31	99.99	.45	9
KONAWA	4915	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.062	31	-.80	.31	7
MARSHALL	5589	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.680	31	-.46	.56	7
MEEKER	5779	5	40.9	31	.1	58.	1	21.	30	748.5	-1.5	0.0	0.0	.830	31	-.60	.48	7
MULHALL	6110	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.140	31	99.99	.68	7
NORMAN	6386	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.182	31	-.17	.81	7
OILTON	6616	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.350	31	99.99	.61	7
OKEMAH	6638	5	40.4	29	-1.6	58.	1	23.	11	713.0	0.0	0.0	0.0	1.141	31	-.69	.48	9
OKLAHOMA CITY	6661	5	41.1	31	1.2	59.	13	24.	11	742.0	-36.0	0.0	0.0	1.161	31	-.04	.56	7
PERKINS	7003	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.230	31	-.12	.72	7
PURCELL	7327	5	40.5	31	-.5	57.	31	22.	31	758.0	14.0	0.0	0.0	2.010	31	.55	1.08	7
PRAGUE	7264	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.922	31	-.63	.50	9
PIEDMONT	7068	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.711	31	99.99	.41	9
SEMINOLE	8042	5	42.6	31	-.4	59.	30	24.	30	693.5	11.5	0.0	0.0	1.350	31	-.43	.63	9
SHAWNEE	8110	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.592	31	.06	.87	7
STELLA	8479	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.120	31	99.99	.60	7
STILLWATER	8501	5	38.6	30	-1.2	56.	20	20.	30	793.0	12.0	0.0	0.0	1.440	31	.22	.51	6
STROUD	8563	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.550	31	99.99	.74	7
TECUMSEH	8751	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.283	31	99.99	.48	7
THOMAS	8815	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.730	31	99.99	.40	9
TROUSDALE	8960	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.070	31	99.99	.57	7
UNION CITY	9086	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.712	31	-.63	.38	7
WELTY	9479	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.060	31	99.99	.50	9
WEWOKA	9575	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.830	31	-.95	.32	7

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

DECEMBER 1986 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	41.8	31	-.2	57.	6	23.	11	720.5	7.5	0.0	0.0	1.353	31	-1.03	.99	8
ASHLAND	364	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.111	31	99.99	.68	8
BEGGS	631	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.500	31	99.99	.69	7
BOYTON	1027	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.181	31	99.99	.42	9
CALVIN	1391	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.625	31	-1.34	.25	7
CHECOTAH	1711	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.030	31	-1.08	.51	8
DEWAR	2485	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.990	31	-.88	.45	9
DUSTIN	2690	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.000	31	99.99	.35	8
EUFAULA	2993	6	42.3	31	999.0	58.	13	25.	11	702.5	9999.0	0.0	9999.0	.980	31	-1.46	.47	8
HANNA	3884	6	41.2	31	999.0	58.	5	21.	11	737.5	9999.0	0.0	9999.0	.890	31	-1.21	.35	8
HARTSHORNE	3946	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.172	31	99.99	.64	8
HASKELL	3956	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.431	31	-.54	.65	7
HOLDENVILLE	4235	6	41.4	31	-1.5	58.	29	23.	31	733.0	48.0	0.0	0.0	.941	31	-.89	.37	8
LYONS	5437	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.100	31	-2.21	.10	7
MCCURTAIN	5693	6	43.0	31	999.0	62.	1	19.	11	681.5	9999.0	0.0	9999.0	1.523	31	-1.12	1.10	8
MUSKOGEE	6130	6	41.0	31	-.7	59.	1	19.	11	743.0	21.0	0.0	0.0	1.330	31	-.91	.71	7
OKMULGEE WATER WORK	6670	6	39.8	30	-2.1	58.	12	18.	11	755.5	39.5	0.0	0.0	.960	31	-1.09	.57	7
OKTAHA	6678	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.845	31	99.99	.36	8
SALLISAW	7862	6	41.4	31	-.8	57.	21	20.	11	731.5	24.5	0.0	0.0	1.350	31	-1.12	.90	8
SCIPIO	7979	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.740	31	99.99	.62	8
QUINTON	7372	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.671	31	-.69	1.16	6
SCRAPER	7993	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.930	31	99.99	.36	8
SHORT	8170	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.271	31	99.99	.83	8
TAHLEQUAH	8677	6	40.4	31	-.4	57.	17	16.	11	762.5	12.5	0.0	0.0	.831	31	-1.63	.34	8
WEBBERS FALLS	9445	6	40.7	30	.3	59.	13	21.	11	729.5	-33.5	0.0	0.0	.930	31	-1.36	.45	8
WESTVILLE	9523	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.990	31	99.99	.35	9
WETUMKA	9571	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.086	31	-.80	.38	8

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

DECEMBER 1986 SUMMARY FOR SOUTHWEST DIVISION (CD7)

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 DAY
ALTUS IRR STA	179	7	43.4	31	.6	61.	2	23.	30	671.0	-17.0	0.0	0.0	.550	31	-.32	.18	7
ALTUS DAM	184	7	42.0	30	999.0	59.	2	25.	31	689.5	9999.0	0.0	9999.0	.950	31	.10	.42	9
ANADARKO	224	7	41.0	27	-.2	57.	29	19.	27	648.5	-89.5	0.0	0.0	.520	28	-.67	.23	9
ALTUS AFB	447	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.410	31	99.99	.21	7
CARNEGIE	1504	7	40.9	31	-.2	59.	30	20.	30	748.0	7.0	0.0	0.0	.403	31	-.66	.40	9
CHATTANOOGA	1706	7	42.7	31	.3	59.	29	27.	31	692.5	-8.5	0.0	0.0	1.040	31	-.04	.71	8
DUNCAN	2668	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.561	31	99.99	.67	7
FLETCHER	3191	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.780	31	99.99	.52	7
FREDERICK	3353	7	41.8	30	-2.0	60.	29	23.	12	695.5	38.5	0.0	0.0	1.111	31	.09	.55	7
GRANDFIELD	3709	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.870	31	-.38	.43	8
HOBART	4204	7	41.5	31	1.6	60.	2	25.	27	729.0	-49.0	0.0	0.0	.462	31	-.35	.35	7
HOLLIS	4249	7	41.1	28	-1.1	63.	2	22.	30	669.5	-37.5	0.0	0.0	.820	28	.09	.69	18
LAWTON	5063	7	41.8	30	-.4	59.	28	26.	29	695.5	-11.5	0.0	0.0	.852	29	-.37	.51	6
FT SILL	5068	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.221	31	.00	.47	7
LOCO	5247	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.860	31	99.99	.90	7
LOOKEBA	5329	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.690	31	99.99	.43	9
MANGUM RS ST	5509	7	41.2	31	-.7	61.	2	24.	30	736.5	20.5	0.0	0.0	.880	31	.12	.40	9
ROOSEVELT	7727	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.780	31	-.19	.44	7
SEDAN	8016	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.200	31	99.99	.18	7
SNYDER	8299	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.930	19	-.09	.64	7
TUSSY	9032	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.940	31	99.99	.96	7
VINSON	9212	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.600	31	-.18	.34	9
WALTERS	9278	7	43.0	31	-.5	59.	30	26.	30	682.5	15.5	0.0	0.0	1.390	31	-.03	.54	8
WICHITA MT REF	9629	7	39.6	30	-1.6	59.	29	18.	31	761.0	23.0	0.0	0.0	1.730	31	.61	1.43	8
WILLOW	9668	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.781	31	99.99	.47	9

DECEMBER 1986 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

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 DAY
ADA	17	8	41.1	31	-2.4	57.	6	23.	12	740.5	73.5	0.0	0.0	1.061	31	-.88	.40	9
ALLEN	147	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.700	31	99.99	.45	8
ARDMORE	292	8	43.4	31	-2.8	59.	6	28.	31	670.5	87.5	0.0	0.0	1.840	31	.13	1.14	7
ATOKA DAM	394	8	42.8	30	999.0	58.	12	27.	11	666.5	9999.0	0.0	9999.0	2.063	31	99.99	1.41	8
BOKCHITO	917	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.850	31	99.99	.77	8
CANEY	1437	8	42.7	19	999.0	56.	5	30.	13	424.0	9999.0	0.0	9999.0	2.160	21	99.99	.87	8
CHICKASAW NRA	1745	8	41.0	30	999.0	57.	29	21.	30	721.5	9999.0	0.0	9999.0	1.681	31	99.99	.53	8
COLEMAN	2011	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.520	31	99.99	.55	8
COMANCHE	2054	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.852	31	99.99	.82	7
DAISY	2354	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.215	31	-.44	1.36	8
DURANT USDA	2678	8	44.1	30	999.0	60.	12	26.	30	628.0	9999.0	0.0	9999.0	1.630	31	-.55	.60	8
ELMORE CITY	2872	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.152	31	99.99	.60	7
FARRIS	3083	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.660	31	99.99	.64	8
HENNEPIN	4052	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.480	31	99.99	.70	6
GRADY	3688	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.600	31	99.99	.81	8
HEALDTON	4001	8	42.3	27	999.0	60.	6	22.	31	613.5	9999.0	0.0	9999.0	2.261	31	.65	.86	7
KINGSTON	4865	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.500	31	.49	.67	8
LEHIGH	5108	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.202	31	99.99	.85	8
LINDSAY	5220	8	40.8	31	999.0	58.	6	24.	30	750.5	9999.0	0.0	9999.0	0.000	31	99.99	0.00	31
MADILL	5468	8	43.0	31	-1.8	58.	5	22.	20	680.5	54.5	0.0	0.0	1.711	31	-.26	.66	7
MARIETTA	5563	8	43.9	31	-.9	60.	6	26.	30	654.0	28.0	0.0	0.0	1.570	31	-.13	.47	7
MARLOW	5581	8	42.0	31	999.0	59.	31	22.	30	712.5	9999.0	0.0	9999.0	1.490	31	.13	.68	7
PAULS VALLEY	6926	8	41.5	31	-1.3	58.	6	22.	31	727.0	39.0	0.0	0.0	1.593	31	-.12	.56	9
PONTOTOC	7214	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.252	31	-.62	1.25	7
TISHOMINGO	8884	8	42.8	16	999.0	58.	28	23.	31	355.0	9999.0	0.0	9999.0	2.310	31	.23	1.11	8
WAURIKA	9395	8	43.5	31	-1.1	62.	31	25.	30	667.5	35.5	0.0	0.0	1.230	31	-.25	.71	7

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

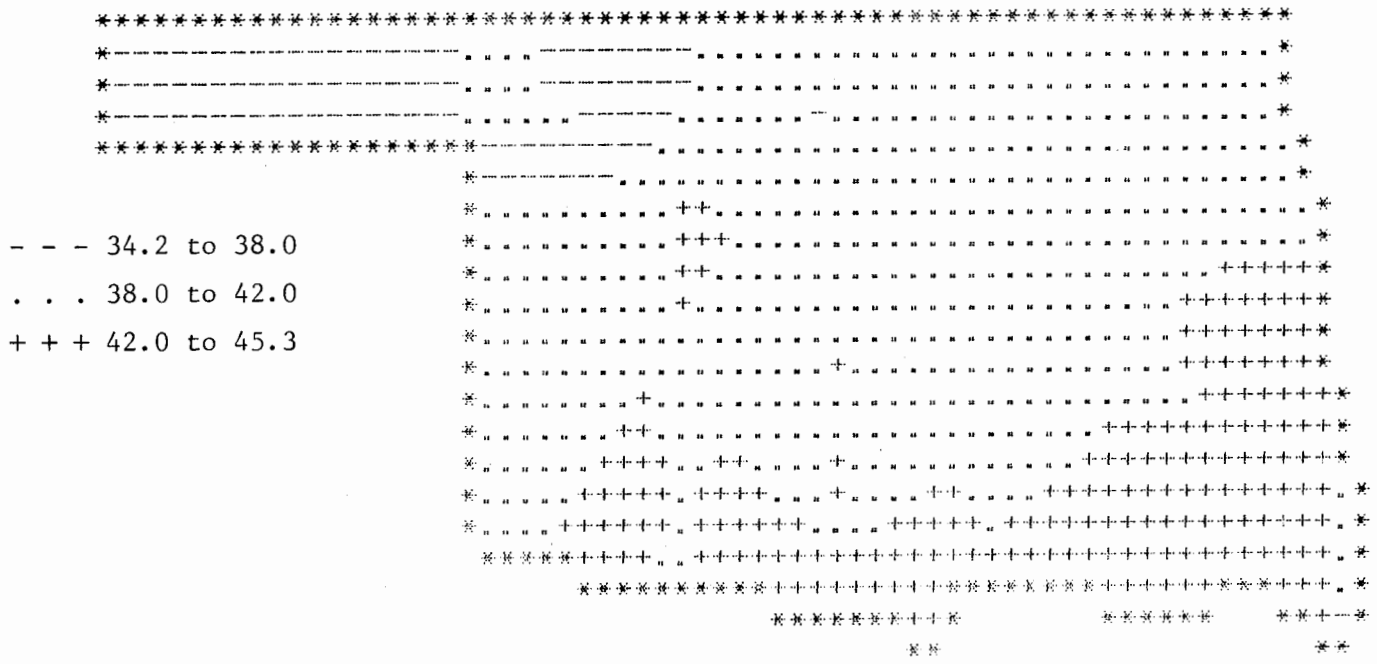
DECEMBER 1986 SUMMARY FOR SOUTHEAST DIVISION (CD9)

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
ANTLERS	256	9	45.3	31	1.6	59.	25	32.	30	612.0	-48.0	0.0	0.0	.790	31	-2.23	.67	7
BATTIEST	567	9	42.8	30	999.0	64.	1	22.	11	664.5	9999.0	0.0	9999.0	2.191	31	99.99	1.04	7
BENGAL	670	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.010	31	99.99	.92	9
BOSWELL	980	9	43.7	31	999.0	58.	25	25.	30	660.0	9999.0	0.0	9999.0	1.832	31	-.81	.40	18
BROKEN BOW	1162	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.520	31	-1.30	1.00	7
BROKEN BOW DAM	1168	9	43.8	30	999.0	64.	24	26.	12	635.5	9999.0	0.0	9999.0	2.240	31	99.99	.79	8
BUFFALO MT TW	1251	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.440	31	99.99	.87	9
CARNASAW TOWER	1499	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.170	31	-1.73	.85	8
CARTER MT	1544	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.440	31	-1.47	.89	9
FANSHAWE	3065	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.210	31	-1.73	.85	8
HEAVENER	4008	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.412	31	-1.81	.77	8
HEE MT TW	4017	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.651	26	99.99	1.56	8
HUGO	4284	9	44.1	31	999.0	58.	24	25.	11	648.5	9999.0	0.0	9999.0	1.990	31	99.99	.72	17
IDABEL	4451	9	43.3	30	-1.7	59.	25	26.	12	650.0	30.0	0.0	0.0	2.571	31	-.90	.72	18
JADIE TOWER	4560	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.511	31	99.99	.80	19
POTEAU	7254	9	40.7	30	999.0	60.	12	20.	10	730.5	9999.0	0.0	9999.0	2.672	31	99.99	1.04	7
SMITHVILLE	8285	9	42.8	26	999.0	60.	1	21.	11	577.0	9999.0	0.0	9999.0	2.720	26	99.99	1.45	8
SPIRO	8416	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.030	31	-.76	1.32	8
TUSKAHOMA	9023	9	42.7	31	999.0	62.	1	20.	30	692.5	9999.0	0.0	9999.0	1.950	31	99.99	.98	8
VALLIANT	9118	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.450	31	-1.15	.70	18
WILBURTON	9634	9	41.2	31	-1.7	58.	25	20.	12	737.5	52.5	0.0	0.0	1.833	31	-1.04	1.03	7
WISTER DAM	9719	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.040	8	99.99	.04	19
ZOE	9985	9	40.6	28	999.0	65.	2	19.	11	683.0	9999.0	0.0	9999.0	1.720	29	-1.69	.48	10

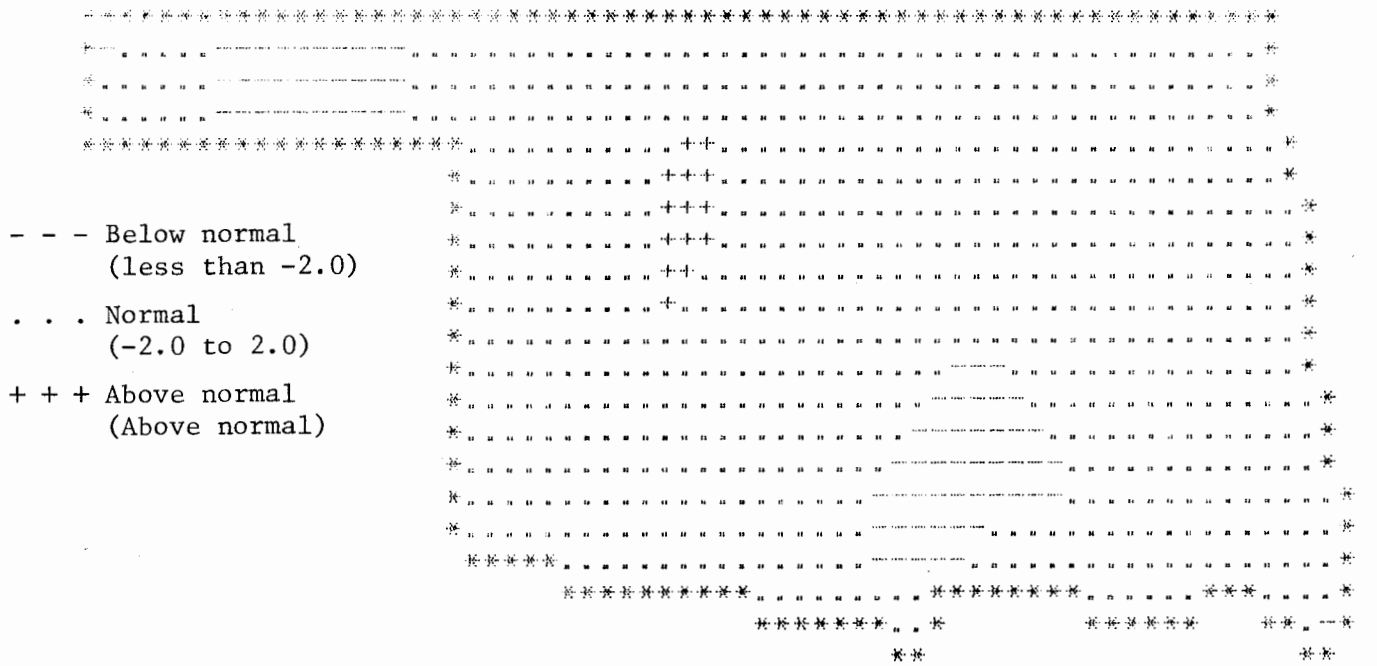
DECEMBER 1986 CLIMATE DIVISION SUMMARY

CLIMATE DIV	MEAN TEMP	NUM STA	DEV FROM NORM	MAX TEMP	MAX DAY	MIN TEMP	MIN DAY	HEAT DEGREE DAYS	DEV FROM NORM	COOL DEGREE DAYS	DEV FROM NORM	TOT PPT	NUM STA	DEV FROM NORM	MAX 24-HR	MAX DAY
1	36.3	10	-.7	66.0	30	0.0	11	876.3	6.3	0.0	0.0	.67	13	.18	1.20	7
2	38.6	16	.3	61.0	12	15.0	30	807.4	-19.6	0.0	0.0	1.07	26	-.11	1.15	7
3	39.8	18	.4	66.0	1	12.0	11	756.7	-38.4	0.0	0.0	1.09	33	-.66	1.22	7
4	40.0	10	.2	59.0	1	19.0	30	756.7	-24.6	0.0	0.0	.70	18	-.09	.92	9
5	40.6	17	-.1	59.0	30	19.0	11	743.2	-11.4	0.0	0.0	1.13	40	-.26	1.08	7
6	41.3	10	-.4	62.0	1	16.0	11	729.7	7.4	0.0	0.0	1.07	27	-1.13	1.16	6
7	41.7	12	-.4	63.0	2	18.0	31	701.6	-11.0	0.0	0.0	.93	24	-.09	1.43	8
8	42.4	12	-2.0	62.0	31	21.0	30	686.0	49.0	0.0	0.0	1.58	25	-.29	1.41	8
9	42.8	10	-1.0	65.0	2	19.0	11	671.4	16.4	0.0	0.0	1.86	22	-1.44	1.56	8

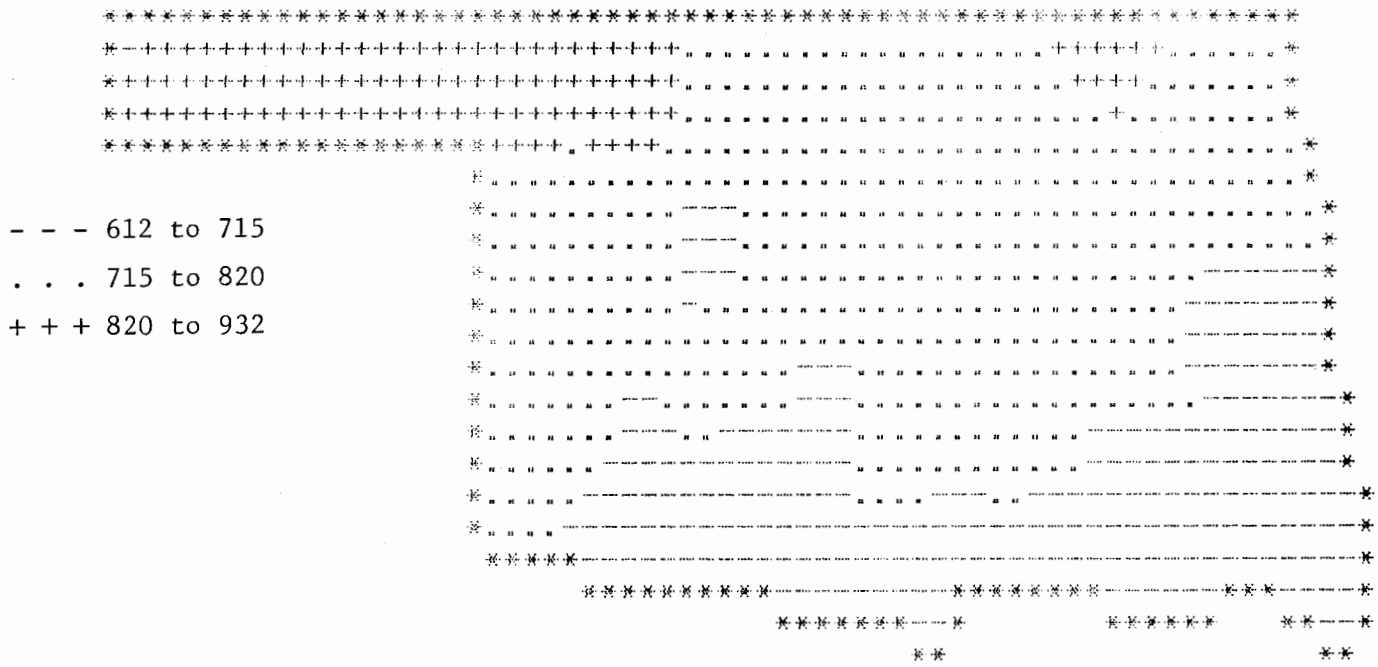
Note: 9999.0, 999.0, 99.99 indicate missing records.
Trace = .001



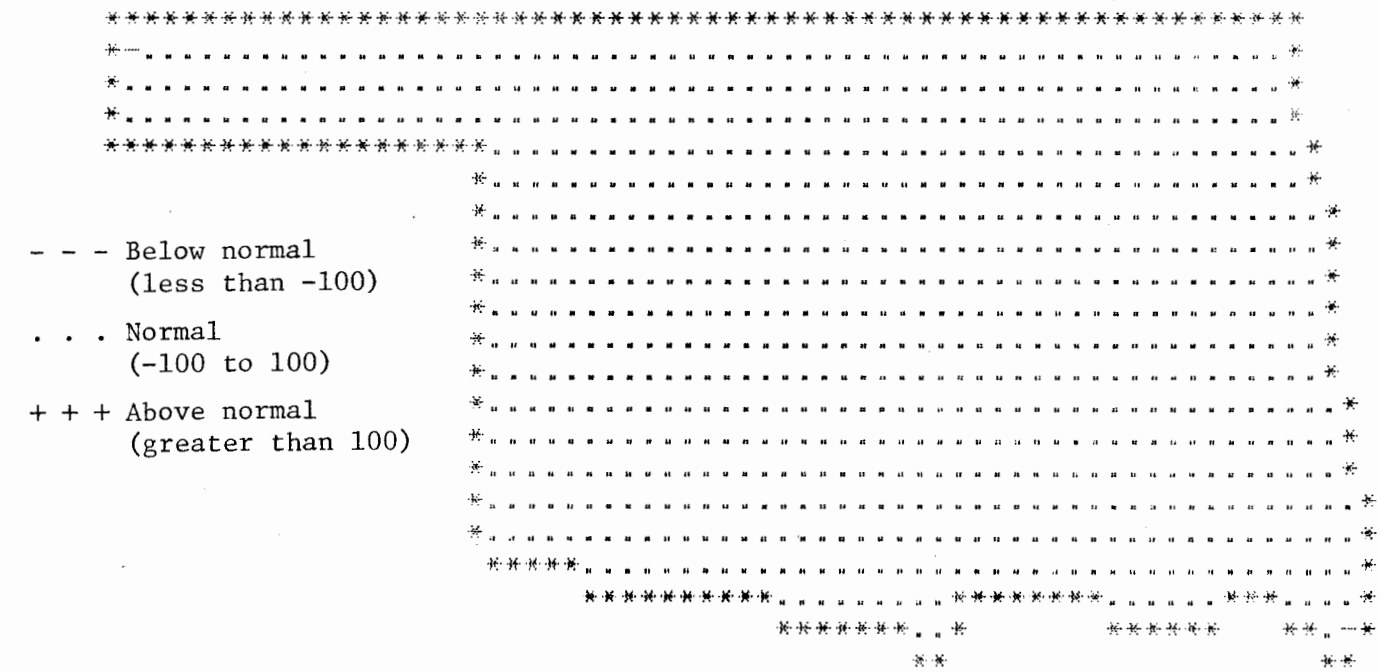
DECEMBER 1986 AVERAGE MONTHLY TEMPERATURE
(DEGREES F)



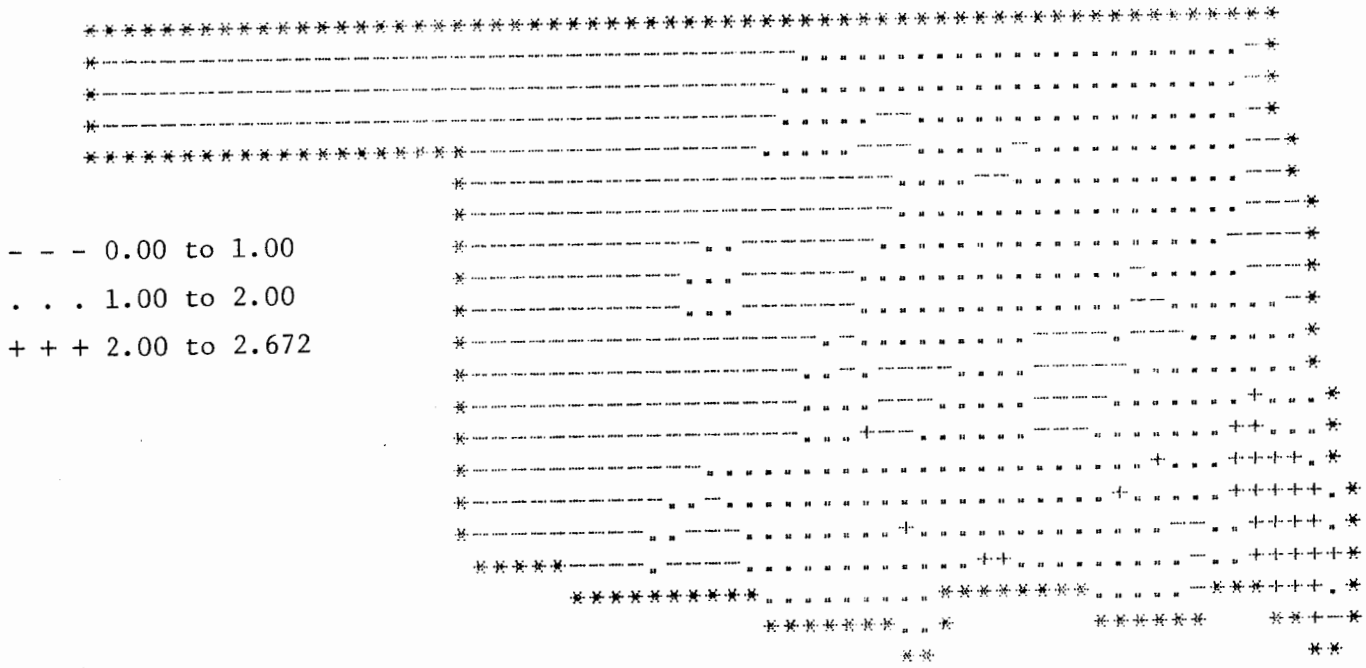
DECEMBER 1986 DEVIATION FROM NORMAL TEMPERATURES



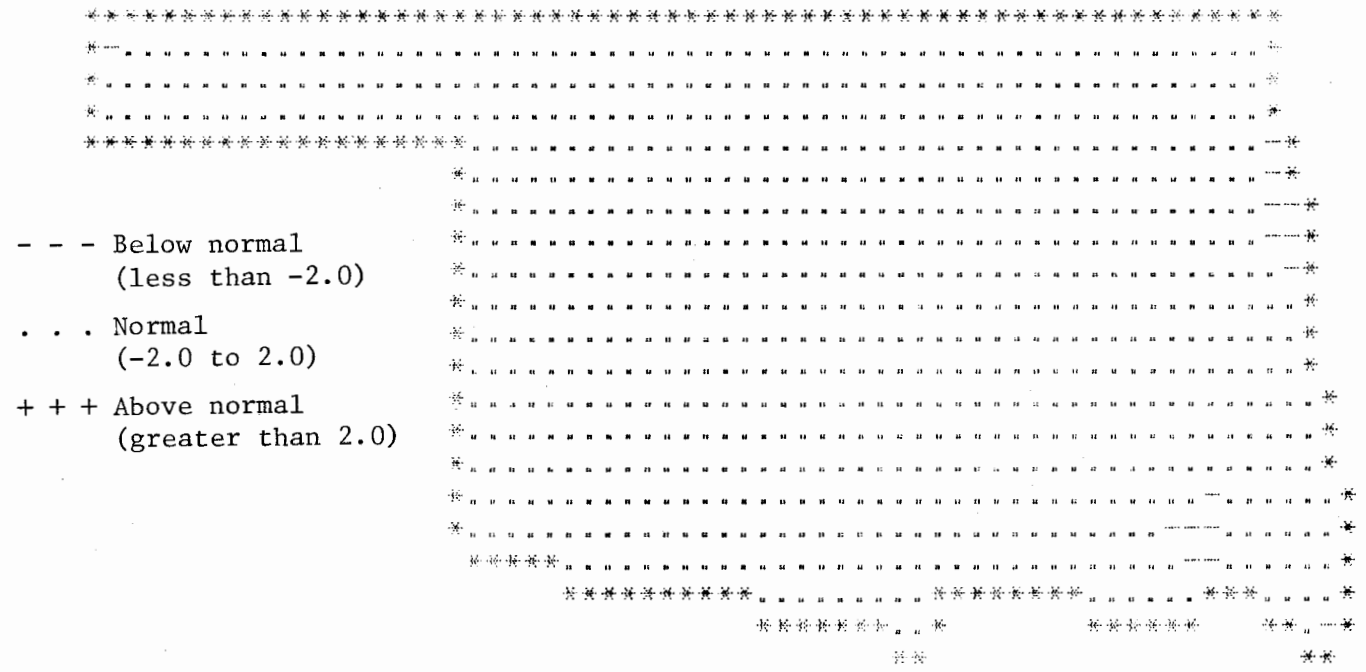
DECEMBER 1986 TOTAL HEATING DEGREE DAYS



DECEMBER 1986 DEVIATION FROM NORMAL HEATING DEGREE DAYS



DECEMBER 1986 TOTAL PRECIPITATION
(INCHES)



DECEMBER 1986 DEVIATION FROM NORMAL PRECIPITATION

FEBRUARY 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
48.8	max	
28.1	min	
.024	pcpn	
26	HDD	
0	CDD	
Highest Max		74-1986
Lowest Max		16-1985
Lowest Min		-1-1951
Highest Min		59-1986
Greatest pcpn		1.88-1983

Normal	2	Actual
46.8	max	
26.0	min	
.012	pcpn	
28	HDD	
0	CDD	
Highest Max		75-1934
Lowest Max		24-1985
Lowest Min		3-1951
Highest Min		58-1986
Greatest pcpn		.88-1943

Normal	3	Actual
49.4	max	
26.8	min	
.075	pcpn	
27	HDD	
0	CDD	
Highest Max		78-1934
Lowest Max		19-1982
Lowest Min		8-1972
Highest Min		58-1986
Greatest pcpn		1.13-1960

Normal	4	Actual
53.5	max	
29.3	min	
.084	pcpn	
23	HDD	
0	CDD	
Highest Max		77-1962
Lowest Max		19-1982
Lowest Min		4-1936
Highest Min		58-1927
Greatest pcpn		1.32-1964

Normal	5	Actual
51.3	max	
30.2	min	
.064	pcpn	
24	HDD	
0	CDD	
Highest Max		77-1948
Lowest Max		16-1982
Lowest Min		6-1933
Highest Min		57-1938
Greatest pcpn		.75-1958

Normal	6	Actual
47.2	max	
28.1	min	
.025	pcpn	
27	HDD	
0	CDD	
Highest Max		72-1931
Lowest Max		25-1975
Lowest Min		6-1933
Highest Min		54-1931
Greatest pcpn		.60-1979

Normal	7	Actual
47.7	max	
25.4	min	
.037	pcpn	
28	HDD	
0	CDD	
Highest Max		76-1932
Lowest Max		6-1933
Lowest Min		-5-1933
Highest Min		47-1931
Greatest pcpn		.84-1980

Normal	8	Actual
51.5	max	
28.6	min	
.045	pcpn	
25	HDD	
0	CDD	
Highest Max		73-1938
Lowest Max		12-1929
Lowest Min		-5-1933
Highest Min		53-1966
Greatest pcpn		.62-1966

Normal	9	Actual
53.7	max	
28.7	min	
.021	pcpn	
24	HDD	
0	CDD	
Highest Max		84-1932
Lowest Max		17-1929
Lowest Min		-3-1979
Highest Min		51-1932
Greatest pcpn		.24-1959

Normal	10	Actual
56.1	max	
28.9	min	
.031	pcpn	
22	HDD	
0	CDD	
Highest Max		76-1954
Lowest Max		16-1933
Lowest Min		4-1929
Highest Min		52-1932
Greatest pcpn		.50-1953

Normal	11	Actual
50.7	max	
29.8	min	
.081	pcpn	
25	HDD	
0	CDD	
Highest Max		82-1962
Lowest Max		25-1972
Lowest Min		0-1981
Highest Min		58-1930
Greatest pcpn		1.12-1977

Normal	12	Actual
53.4	max	
30.2	min	
.094	pcpn	
23	HDD	
0	CDD	
Highest Max		84-1962
Lowest Max		17-1948
Lowest Min		7-1986
Highest Min		57-1938
Greatest pcpn		2.21-1978

Normal	13	Actual
53.9	max	
30.9	min	
.037	pcpn	
22	HDD	
0	CDD	
Highest Max		82-1962
Lowest Max		30-1933
Lowest Min		12-1936
Highest Min		50-1926
Greatest pcpn		.46-1969

Normal	14	Actual
51.9	max	
32.0	min	
.069	pcpn	
23	HDD	
0	CDD	
Highest Max		81-1954
Lowest Max		21-1936
Lowest Min		1-1936
Highest Min		54-1954
Greatest pcpn		.89-1938

Normal	15	Actual
50.2	max	
29.9	min	
.047	pcpn	
25	HDD	
0	CDD	
Highest Max		81-1954
Lowest Max		25-1936
Lowest Min		9-1936
Highest Min		53-1976
Greatest pcpn		.93-1938

Normal	16	Actual
50.8	max	
28.5	min	
.023	pcpn	
25	HDD	
0	CDD	
Highest Max		75-1959
Lowest Max		17-1979
Lowest Min		7-1979
Highest Min		48-1976
Greatest pcpn		2.16-1940

Normal	17	Actual
53.0	max	
29.0	min	
.035	pcpn	
24	HDD	
0	CDD	
Highest Max		78-1970
Lowest Max		17-1936
Lowest Min		8-1936
Highest Min		50-1926
Greatest pcpn		.88-1961

Normal	18	Actual
52.7	max	
30.7	min	
.044	pcpn	
23	HDD	
0	CDD	
Highest Max		78-1986
Lowest Max		24-1936
Lowest Min		-1-1978
Highest Min		53-1971
Greatest pcpn		.88-1946

Normal	19	Actual
51.2	max	
30.0	min	
.055	pcpn	
24	HDD	
0	CDD	
Highest Max		83-1986
Lowest Max		21-1929
Lowest Min		8-1978
Highest Min		48-1930
Greatest pcpn		.68-1954

Normal	20	Actual
53.3	max	
30.3	min	
.063	pcpn	
23	HDD	
0	CDD	
Highest Max		80-1976
Lowest Max		26-1929
Lowest Min		12-1939
Highest Min		51-1930
Greatest pcpn		1.31-1985

Normal	21	Actual
49.2	max	
28.6	min	
.092	pcpn	
26	HDD	
0	CDD	
Highest Max		84-1981
Lowest Max		28-1938
Lowest Min		9-1939
Highest Min		54-1930
Greatest pcpn		1.63-1971

Normal	22	Actual
51.6	max	
29.5	min	
.047	pcpn	
24	HDD	
0	CDD	
Highest Max		83-1982
Lowest Max		24-1968
Lowest Min		11-1963
Highest Min		56-1949
Greatest pcpn		1.15-1985

Normal	23	Actual
52.9	max	
31.1	min	
.010	pcpn	
23	HDD	
0	CDD	
Highest Max		80-1930
Lowest Max		31-1928
Lowest Min		11-1965
Highest Min		51-1930
Greatest pcpn		.81-1985

Normal	24	Actual
52.8	max	
30.1	min	
.049	pcpn	
23	HDD	
0	CDD	
Highest Max		81-1956
Lowest Max		19-1960
Lowest Min		7-1965
Highest Min		58-1930
Greatest pcpn		.94-1952

Normal	25	Actual
57.0	max	
32.8	min	
.010	pcpn	
20	HDD	
0	CDD	
Highest Max		82-1986
Lowest Max		29-1935
Lowest Min		10-1960
Highest Min		50-1951
Greatest pcpn		.74-1936

Normal	26	Actual
57.9	max	
32.2	min	
.011	pcpn	
20	HDD	
0	CDD	
Highest Max		78-1986
Lowest Max		21-1934
Lowest Min		11-1934
Highest Min		59-1981
Greatest pcpn		.50-1945

Normal	27	Actual
58.7	max	
33.0	min	
.087	pcpn	
19	HDD	
0	CDD	
Highest Max		81-1976
Lowest Max		25-1962
Lowest Min		13-1934
Highest Min		61-1981
Greatest pcpn		1.32-1966

Normal	28	Actual
57.3	max	
34.0	min	
.020	pcpn	
19	HDD	
0	CDD	
Highest Max		81-1972
Lowest Max		24-1962
Lowest Min		7-1962
Highest Min		53-1932
Greatest pcpn		.52-1927