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 MARCH 1987

March weather presented Oklahoma with some interesting anomalies. In spite of an extremely dry first half of the month precipitation amounts exceeded normal in all climate divisions except division 9 (southeast). Two prolific storm systems in the last two weeks of the month accounted for the majority of March precipitation. Daily temperatures varied greatly from week to week, with the first week delivering the warmest and the last week the coolest weather in many areas of the State. Monthly average temperatures were near normal.

Although temperatures tend to gradually increase throughout March, this did not occur this month, especially in the northwestern portion of the State. Due to an unusually strong surge of warm, gulf air during the first week of the month, many stations in climate divisions 1, 2 and 4 recorded their highest temperatures of the month. These early monthly highs included Buffalo 80 degrees and Freedom 79 degrees on the 5th, Arnett 76 degrees, Billings 76 degrees, Clinton 78 degrees and Weatherford 75 degrees on the 6th, and Gage 76 degrees and Guymon 80 degrees on the 8th. Most other stations experienced high temperatures two weeks later when Mannford and McCurtain reported 82 degrees on the 22nd, March's highest temperature.

Oklahoma received very little precipitation during the first one-half of March. Many stations had recorded only one day with precipitation until the middle of the month,

when a strong upper level low west of Oklahoma pushed a surface low pressure system and cold front through the State. Thunderstorms with heavy rains resulted on the 16th. Over 2 inches of rain were produced at many locations including Fargo 2.65 inches, Jay Tower 2.05 inches, Blanchard 2.82 inches, Lindsay 2.28 inches, Antlers 2.60 inches and Broken Bow 3.60 inches. Flooding in McCurtain County covered cars and forced school closings. The Panhandle experienced its share of interruptive weather. Nearly 5 inches of snow fell on Boise City, and Cimarron County reported 3 to 5 inches which forced the closing of all its major highways.

The second significant storm of March came in the form of an intense surface low and cold front which produced five confirmed tornadoes and several inches of snow in northwestern Oklahoma. On the 22nd, tornadoes occurred in Ellis, Harper, and Beaver Counties. The Beaver County twister caused the most damage as it demolished a farm house and overturned a car, both occupied. Only minor injuries were reported. Hours after the tornadoes struck, a blizzard entered the area and dumped an estimated 6 inches of snow in the Panhandle and delivered 30-40 miles per hour winds. Many stations elsewhere in the eastern three-fourths and southern portions of the State reported 1 to 2 inches of rainfall.

Nearly every Oklahoma station reported its lowest temperature on the 30th or 31st. On the 28th and 29th a strong cold front swept through the State and was quickly followed by a frigid mass of artic air. Daily high temperature recordings dropped by 25 degrees or more between the 28th and 30th and low temperatures plummeted to about 20 degrees Statewide. The lowest March temperature for 1987 occurred on the morning of the 30th, when Hammon (in climate division 4) reported 11 degrees. The resulting Statewide freeze on the mornings of the 29th, 30th and 31st devastated Oklahoma's peach, plum and apricot crops since these trees had already blossomed. Sam Johnson, an agronomist with the OSU extension service, estimated a 70-95 percent loss to these fruits. Mr. Johnson noted, however, that other Oklahoma crops suffered less damage. Alfalfa experienced only stunted growth which would likely result in slightly lower yields. He added that although it was still too early to assess the wheat crop damage, he believed the resilient crop could recover and produce near-normal yields.

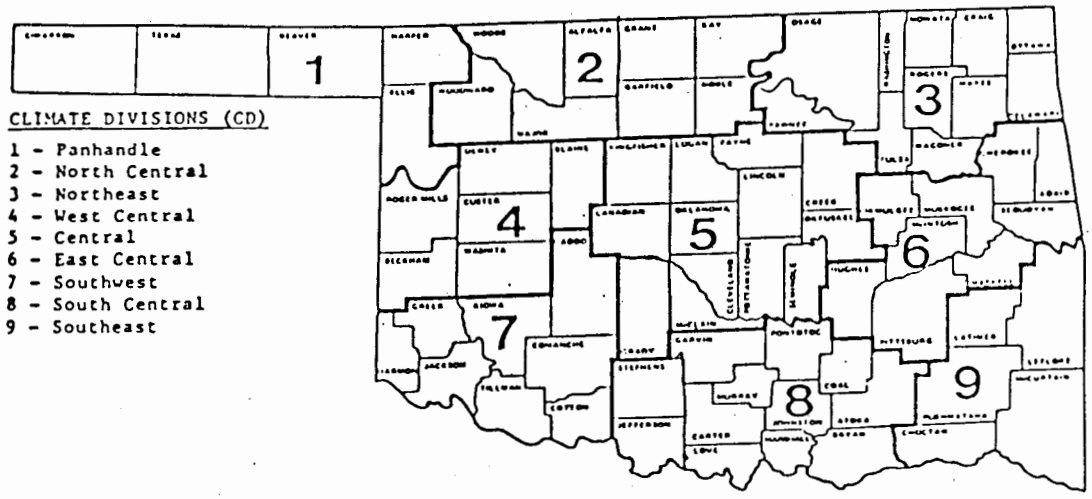
TABLE OF 1986/1987 COMPARISONS

Station	March Temperatures (F) 1986	1987	March Precipitation (in.) 1986	1987
Goodwell	50.2	42.3	.434	1.193
Lahoma	51.7	*	1.650	*
Mutual	50.9	*	1.091	*
Tulsa	55.0	52.3	2.142	2.203
Elk City	54.4	46.8	1.052	3.113
Oklahoma City	55.7	50.0	1.752	2.333
McAlester	56.6	52.0	1.602	2.553
Altus Irr. Sta.	56.0	51.4	.862	1.640
Durant	*	53.5	*	2.630
Ada	55.8	52.4	1.550	2.941
Tuskahoma	56.6	51.3	2.660	3.800

* indicates missing data

EXTREMES

Variable	Station	Division	Observation	Date
Mimimum temperature (F)	Boise City	1	7	30
Maximum temperature (F)	Poteau W W	9	83	22
Maximum 24-hour precipitation	Carnasaw Tw	9	3.79"	17



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.

MARCH 1987 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	44.8	30	-.6	75.	6	16.	30	605.0	-9.0	0.0	-6.0	5.032	31	3.73	1.34	23
BEAVER	593	1	44.4	29	-.9	78.	6	15.	30	597.0	-20.0	0.0	-6.0	3.970	31	2.80	1.88	23
BOISE CITY	908	1	43.4	31	-.7	77.	6	7.	30	669.0	21.0	0.0	0.0	.820	31	0.00	.35	17
BUFFALO	1243	1	47.7	31	-.3	80.	5	14.	30	536.5	-4.5	0.0	-14.0	4.860	31	3.15	2.65	23
FARGO	3070	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.972	31	4.68	2.65	17
GATE	3489	1	45.7	30	999.0	78.	5	15.	29	580.5	9999.0	0.0	9999.0	4.440	30	99.99	2.70	22
HOOKER	4298	1	42.5	31	-2.7	79.	7	13.	30	699.0	78.0	0.0	-7.0	1.470	31	.24	.82	24
KENTON	4766	1	40.8	30	-3.2	76.	13	10.	30	725.5	74.5	0.0	0.0	.701	31	-.06	.25	16
LAVERNE	5045	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.511	31	1.97	1.31	23
GAGE	3407	1	48.1	14	2.2	76.	7	28.	31	236.0	-363.0	0.0	-7.0	4.560	22	-3.38	1.28	18
GOODWELL RES STA	3628	1	42.3	30	-2.5	76.	13	12.	30	681.0	49.0	0.0	-6.0	1.193	31	.41	.49	17
GUYMON	3835	1	43.7	22	999.0	80.	7	12.	30	469.5	9999.0	0.0	9999.0	1.702	24	99.99	.92	17
OPTIMA LAKE	6740	1	42.0	27	999.0	79.	7	10.	30	621.0	9999.0	0.0	9999.0	2.160	31	99.99	1.13	18
REGNIER	7534	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.800	31	.12	.33	17

MARCH 1987 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	48.8	31	1.4	80.	14	13.	31	505.5	-52.5	2.0	-10.0	2.460	31	.84	.97	23
BILLINGS	755	2	48.6	30	999.0	76.	6	20.	30	493.0	9999.0	0.0	9999.0	4.270	31	2.20	1.48	17
BLACKWELL	818	2	49.0	31	999.0	79.	8	20.	30	496.5	9999.0	0.0	9999.0	3.637	31	99.99	1.45	17
BRAMAN	1075	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.810	31	99.99	1.94	17
CEDARDALE	1620	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.260	31	99.99	.79	23
CHEROKEE	1724	2	49.8	31	1.6	79.	14	19.	30	471.5	-61.5	0.0	-12.0	3.900	31	1.97	2.00	23
ENID	2912	2	50.1	31	1.0	77.	20	20.	30	463.0	-44.0	0.0	-14.0	3.850	31	1.96	1.22	17
FT SUPPLY DAM	3304	2	44.5	30	-3.0	76.	5	15.	30	615.5	57.5	0.0	-15.0	4.650	31	3.39	1.56	17
FREEDOM	3358	2	47.8	31	999.0	79.	5	17.	30	534.0	9999.0	0.0	9999.0	4.410	31	99.99	1.32	23
GSP DAM	3740	2	49.0	30	999.0	79.	14	19.	30	481.5	9999.0	0.0	9999.0	4.670	31	2.84	2.05	23
HARDY	3999	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.824	31	99.99	1.60	16
HELENA	4019	2	46.7	30	999.0	76.	14	19.	30	548.0	9999.0	0.0	9999.0	3.171	31	1.25	1.16	17
JEFFERSON	4753	2	49.7	31	999.0	77.	20	19.	30	473.0	9999.0	0.0	9999.0	3.280	31	99.99	1.34	16
LAMONT	5013	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.090	31	99.99	2.25	17
MEDFORD	5768	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.561	31	99.99	.97	22
MORRISON	6065	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.680	31	99.99	1.43	17
NEWKIRK	6278	2	49.8	31	2.3	77.	20	20.	30	471.5	-82.5	0.0	-11.0	2.731	31	.75	1.55	17
ORIENTA	6751	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.810	31	99.99	.85	17
PERRY	7012	2	49.8	23	-.1	79.	22	25.	29	349.5	-133.5	0.0	-15.0	3.110	31	.75	1.42	17
PONCA CITY	7201	2	49.7	23	3.2	79.	20	22.	30	354.5	-225.5	2.0	-5.0	2.531	25	.43	1.59	17
RED ROCK	7505	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.520	31	1.27	1.58	17
RENFROW	7556	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.490	31	2.58	2.10	17
WAYNOKA	9404	2	48.0	24	-.8	78.	14	21.	29	407.0	-111.0	0.0	-16.0	2.650	31	1.02	1.05	23
WOODWARD	9760	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.113	31	3.61	1.90	23

Note: 9999.0, 999.0, 99,99 indicate missing records.
Trace = .001

MARCH 1987 SUMMARY FOR NORTHEAST 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
BARNSDALL	535	3	49.9	31	999.0	78.	20	20.	31	468.0	9999.0	0.0	9999.0	3.882	30	.77	1.46	1
BARTLESVILLE	548	3	50.6	31	1.8	79.	20	19.	31	447.5	-68.5	1.0	-13.0	2.930	31	.21	1.05	1
BIXBY	782	3	50.1	28	1.3	81.	22	24.	31	417.0	-97.0	0.0	-12.0	3.350	30	.66	1.30	1
CHELSEA	1717	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.521	31	99.99	.82	17
CLAREMORE	1828	3	49.5	30	1.5	77.	22	21.	31	464.0	-70.0	.5	-9.5	3.166	31	.01	1.17	17
CLEVELAND	1902	3	51.0	27	999.0	80.	22	22.	30	379.5	9999.0	.5	9999.0	3.490	29	99.99	1.51	1
FORAKER	3250	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.401	31	1.01	1.60	17
JAY TOWER	4567	3	52.0	31	999.0	78.	21	22.	31	405.5	9999.0	1.0	9999.0	3.450	31	99.99	2.05	17
HOLLOW	4258	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.141	31	.00	1.15	18
HOMINY	4289	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.510	31	.69	1.57	1
KEYSTONE DAM	4812	3	46.1	17	999.0	80.	22	18.	31	320.5	9999.0	0.0	9999.0	2.220	23	99.99	1.05	24
ONETA	6713	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.210	31	99.99	1.12	1
KANSAS	4672	3	50.7	31	999.0	77.	22	22.	31	444.5	9999.0	1.0	9999.0	3.532	31	99.99	1.10	17
LENAPAH	5118	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.000	31	99.99	1.28	1
MANNFORD	5522	3	51.4	30	999.0	82.	22	21.	31	410.0	9999.0	2.0	9999.0	3.260	30	99.99	1.74	1
MARAMEC	5540	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.061	31	.61	1.43	17
MIAMI	5855	3	51.6	30	3.4	78.	19	22.	31	402.5	-128.5	1.5	-8.5	4.101	31	.66	1.32	18
NOWATA	6485	3	50.6	31	2.2	77.	22	23.	31	445.0	-79.0	0.0	-10.0	2.980	31	-.29	.90	17
PAWHUSKA	6937	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.451	31	99.99	1.34	1
PAWNEE	6940	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.170	31	.69	1.66	17
PRYOR	7309	3	49.8	30	1.3	78.	22	22.	31	456.5	-70.5	0.0	-15.0	2.850	31	-.26	.78	18
QUAPAW	7358	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.250	31	-.07	1.90	19
RALSTON	7290	3	50.9	31	999.0	79.	20	21.	31	437.0	9999.0	0.0	9999.0	4.282	31	99.99	1.65	17
RAMONA	7394	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.311	31	99.99	.98	1
SKIATOOK	8258	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.141	31	.31	1.32	17
SPAVINAW	8380	3	52.4	31	999.0	77.	23	24.	31	391.0	9999.0	.5	9999.0	3.881	31	.75	1.26	24
TULSA	8992	3	52.3	25	3.0	79.	23	26.	30	328.0	-172.0	10.0	-4.0	2.203	25	-.94	.95	24
UPPER SPAVINAW	9101	3	53.3	30	999.0	82.	20	28.	2	354.5	9999.0	4.5	9999.0	3.922	31	99.99	1.25	18
VINITA	9203	3	49.9	31	1.8	77.	22	20.	31	469.5	-64.5	0.0	-10.0	3.090	31	-.45	1.02	24
WAGONER	9247	3	52.6	31	2.1	79.	22	23.	30	387.5	-78.5	4.5	-11.5	2.290	31	-1.10	.91	17
WANN	9298	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.920	31	99.99	1.00	17
WYNONA	9792	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.483	31	99.99	1.50	1

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

MARCH 1987 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
CANTON DAM	1445	4	47.3	30	-1.8	75.	7	17.	30	530.5	22.5	0.0	-15.0	2.560	29	.89	.70	17
CLINTON	1909	4	50.3	31	.8	78.	6	18.	30	456.5	-36.5	0.0	-13.0	2.300	31	.60	.87	17
COLONY	2039	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.230	31	99.99	1.18	17
CORDELL	2125	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.620	31	.99	1.55	17
ELK CITY	2849	4	46.8	31	999.0	75.	14	17.	30	564.5	9999.0	0.0	9999.0	3.113	31	1.59	.95	17
ERICK	2944	4	47.8	31	-1.7	77.	14	19.	30	532.0	41.0	0.0	-11.0	2.911	31	1.50	1.12	17
GEARY	3497	4	48.4	31	-.9	74.	20	19.	31	513.5	14.5	0.0	-12.0	1.720	31	-.02	1.20	17
HAMMON	3871	4	45.2	30	-3.7	77.	14	11.	30	595.5	80.5	0.0	-16.0	1.700	31	.14	.50	23
LEEDEY	5090	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.990	31	1.65	1.60	17
MORAVIA	6035	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.421	31	.89	.92	23
OKEENE	6629	4	49.0	31	-.9	75.	19	19.	30	495.0	13.0	0.0	-14.0	2.240	31	.42	1.25	17
RETROP	7585	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.400	31	99.99	.75	23
REYDON	7579	4	47.7	31	999.0	78.	14	15.	30	535.0	9999.0	0.0	9999.0	3.110	31	1.71	1.10	16
SAYRE	7952	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.320	31	.04	.66	23
SWEETWATER	8652	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.450	31	99.99	.92	23
TALOGA	8708	4	47.7	31	-.6	78.	14	16.	30	537.0	9.0	0.0	-10.0	2.662	31	1.04	.87	23
THOMAS	8815	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.520	31	99.99	1.25	18
VICI	9172	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.970	31	99.99	1.39	23
WATONGA	9364	4	49.0	31	999.0	75.	20	19.	30	497.0	9999.0	0.0	9999.0	2.850	31	1.07	1.66	17
WEATHERFORD	9422	4	48.2	30	-1.7	75.	6	17.	30	503.0	21.0	0.0	-14.0	2.131	31	.54	1.10	17

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

MARCH 1987 SUMMARY FOR CENTRAL DIVISION (CD5)

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
AMBER	200	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.680	31	99.99	1.15	17
TINKER AFB	325	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.894	24	99.99	1.26	17
BLANCHARD	830	5	51.1	31	999.0	78.	20	21.	30	431.0	9999.0	0.0	9999.0	3.502	31	99.99	2.82	17
BRISTOW	1144	5	51.9	31	1.4	79.	20	22.	31	409.0	-57.0	2.0	-15.0	2.140	31	-.41	1.05	16
CHANDLER	1684	5	51.6	31	.9	78.	23	22.	30	417.0	-44.0	2.5	-14.5	2.970	31	.68	1.80	16
CHICKASHA RES STA	1750	5	50.0	30	-1.6	79.	19	22.	30	449.0	14.0	0.0	-19.0	1.840	31	-.10	.97	17
COX CITY	2196	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.550	31	99.99	3.05	16
CRESCENT	2242	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.440	31	99.99	1.64	17
CUSHING	2318	5	50.7	30	2.3	78.	20	22.	31	433.0	-99.0	3.5	-13.5	2.080	31	-.39	1.80	17
EL RENO	2818	5	48.6	31	-.9	77.	20	17.	17	508.0	15.0	0.0	-13.0	1.870	31	.02	1.33	17
GUTHRIE	3821	5	51.7	30	1.9	80.	20	22.	30	402.0	-82.0	2.0	-11.0	4.601	31	2.59	1.80	17
HENNESSEY	4055	5	49.5	31	.6	76.	20	21.	30	479.0	-33.0	0.0	-13.0	2.931	31	1.07	1.36	17
INGALLS	4489	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.281	31	99.99	1.56	17
KINGFISHER	4861	5	49.6	31	-.0	77.	20	21.	30	478.0	-12.0	0.0	-12.0	2.740	31	.98	1.46	17
KINGFISHER CREEK	4862	5	50.2	30	999.0	77.	19	21.	30	445.0	9999.0	0.0	9999.0	2.740	31	99.99	1.46	17
UJC KINGFISHER	4864	5	50.0	30	999.0	77.	19	21.	30	450.0	9999.0	0.0	9999.0	2.740	31	99.99	1.46	17
KONOWA	4915	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.312	31	.42	1.43	17
MARSHALL	5589	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.000	31	2.01	1.92	17
MEEKER	5779	5	50.3	29	.2	77.	20	22.	30	426.5	-48.5	0.0	-13.0	3.040	29	.61	1.08	17
MULHALL	6110	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.270	31	99.99	1.52	17
NORMAN	6386	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.634	31	.30	1.59	17
OILTON	6616	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.170	31	99.99	1.26	1
OKEMAH	6638	5	51.1	31	.0	78.	8	23.	30	430.5	-19.5	.5	-18.5	3.560	31	.86	1.30	1
OKLAHOMA CITY	6661	5	50.0	25	.9	77.	20	22.	30	376.0	-130.0	0.0	-13.0	2.333	25	.26	1.37	17
PERKINS	7003	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.060	31	-.35	1.45	17
PIEDMONT	7068	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.251	31	99.99	2.25	17
PRAGUE	7264	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.772	31	-.74	.78	1
PURCELL	7327	5	50.6	31	.2	77.	20	22.	30	446.0	-29.0	0.0	-23.0	2.950	31	.58	1.60	17
SEMINOLE	8042	5	52.9	31	.5	78.	20	24.	30	380.0	-31.0	3.5	-17.5	3.620	31	1.04	1.57	17
SHAWNEE	8110	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.770	31	.26	2.02	17
STELLA	8479	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.980	31	99.99	1.82	17
STILLWATER	8501	5	49.5	30	.7	76.	22	22.	30	465.0	-50.0	0.0	-12.0	3.370	31	1.18	1.40	17
STROUD	8563	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.831	31	99.99	1.61	1
TROUSDALE	8960	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.911	31	99.99	1.72	17
UNION CITY	9086	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.751	31	-.62	1.03	17
WELTY	9479	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.192	30	99.99	1.35	1

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

MARCH 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
ASHLAND	364	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.102	31	99.99	1.34	17
BEGGS	631	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.080	31	99.99	1.38	24
BOYNTON	1027	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.552	31	99.99	1.13	17
CALVIN	1391	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.794	31	.41	1.58	17
CHECOTAH	1711	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.243	31	.90	1.36	17
DEWAR	2485	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.011	31	-.11	1.29	1
DUSTIN	2690	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.870	31	99.99	1.30	17
EUFAULA	2993	6	53.0	31	999.0	81.	22	28.	31	377.0	9999.0	3.5	9999.0	3.492	31	-.48	1.60	17
HANNA	3884	6	52.1	31	999.0	79.	22	21.	31	403.0	9999.0	2.0	9999.0	3.211	31	-.48	1.72	1
HARTSHORNE	3946	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.360	31	99.99	1.31	17
HASKELL	3956	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.351	31	.18	1.16	17
HOLDENVILLE	4235	6	50.5	29	-1.2	76.	20	24.	31	420.0	-10.0	0.0	-18.0	3.250	31	.27	1.20	1
LAKE EUFAULA	4975	6	53.0	30	999.0	82.	22	27.	30	362.5	9999.0	3.5	9999.0	3.240	31	99.99	1.80	17
LYONS	5437	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.950	31	-.99	2.80	17
MCALESTER	5664	6	52.2	25	.9	80.	22	24.	31	326.5	-114.5	6.0	-11.0	2.642	25	-1.21	1.73	17
MCCURTAIN	5693	6	54.0	31	999.0	82.	22	22.	31	349.0	9999.0	8.0	9999.0	3.383	31	-.53	1.33	17
MUSKOGEE	6130	6	53.4	31	2.3	80.	23	23.	31	370.0	-78.0	11.5	-5.5	2.341	31	-.90	.97	16
OKMULGEE WATER WORK	6670	6	51.3	31	-.0	79.	22	24.	31	428.0	-20.0	2.0	-21.0	2.880	31	-.15	1.48	17
OKTAHA	6678	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.120	31	99.99	1.11	17
QUINTON	7372	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.903	31	-.79	2.12	17
SALLISAW	7862	6	52.0	31	.7	81.	22	20.	31	407.0	-35.0	5.0	-13.0	4.590	31	.79	1.65	17
SCIPIO	7979	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.600	31	99.99	1.48	1
SCRAPER	7993	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.550	31	99.99	1.08	24
SHORT	8170	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.681	31	99.99	2.00	17
STILWELL	8306	6	51.1	31	999.0	78.	22	19.	31	435.5	9999.0	3.5	9999.0	6.294	31	99.99	1.94	17
TAHLEQUAH	8677	6	52.2	31	2.2	79.	22	19.	31	399.5	-80.5	3.0	-12.0	4.500	31	.86	1.64	17
WEBBERS FALLS	9445	6	51.7	30	2.5	80.	22	23.	31	402.0	-99.0	3.5	-7.5	3.701	31	.11	1.28	17
WESTVILLE	9523	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.920	31	99.99	1.79	17
WETUMKA	9571	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.134	31	1.01	1.55	1

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

MARCH 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 IRR STA	179	7	51.4	31	-1.1	80.	14	21.	30	421.0	14.0	0.0	-19.0	1.640	31	.36	.65	23
ALTUS DAM	184	7	49.3	30	999.0	78.	14	23.	30	473.0	9999.0	1.5	9999.0	1.770	31	.47	.70	17
ANADARKO	224	7	50.0	29	-1.1	79.	5	20.	30	436.0	-8.0	0.0	-13.0	1.450	30	-.41	.82	17
CARNEGIE	1504	7	50.0	31	-.8	76.	20	20.	30	466.0	11.0	0.0	-14.0	1.590	31	-.06	1.00	17
CHATTANOOGA	1706	7	50.5	31	-1.8	75.	20	23.	30	450.5	38.5	0.0	-19.0	2.321	31	.58	1.36	17
DUNCAN	2668	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.682	31	99.99	1.10	22
FLETCHER	3191	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.350	11	99.99	.35	23
FREDERICK	3353	7	50.2	30	-3.6	77.	20	22.	30	443.5	66.5	0.0	-29.0	1.821	31	.12	.61	17
GRANDFIELD	3709	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.060	31	1.29	1.65	17
HOLLIS	4249	7	48.9	26	-3.4	82.	14	19.	30	419.0	6.0	0.0	-20.0	1.630	27	.58	.88	15
ALTUS AFB	447	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.700	18	99.99	.41	23
HOBART	4204	7	48.2	19	-1.1	77.	20	20.	30	318.5	-178.5	0.0	-10.0	.690	22	-.58	.60	23
LAWTON	5063	7	49.7	30	-2.3	76.	19	23.	30	460.0	36.0	0.0	-21.0	1.932	31	.10	1.10	16
FORT SILL	5068	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.121	23	-.71	.94	17
LOCO	5247	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.680	31	99.99	2.46	17
LOOKEBA	5329	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.820	31	99.99	.78	17
MANGUM RES STA	5509	7	51.0	31	-.9	80.	14	21.	30	435.5	9.5	0.0	-20.0	2.070	31	.89	1.01	17
RANDLETT	7403	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.260	31	99.99	.96	16
ROOSEVELT	7727	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.020	31	-.30	.62	17
SEDAN	8016	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.330	31	99.99	.90	16
SYNDER	8299	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.393	31	-.04	.89	13
VINSON	9212	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.640	31	.36	.59	23
WALTERS	9278	7	51.7	31	-1.4	79.	20	24.	30	413.0	20.0	0.0	-24.0	2.300	31	.17	.88	17
WICHITA MT REF	9629	7	46.7	30	-4.2	74.	20	18.	30	548.0	91.0	0.0	-20.0	2.130	31	.24	1.40	17
WILLOW	9668	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.251	31	99.99	1.15	17

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

MARCH 1987 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

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	52.4	31	-.0	77.	22	24.	30	393.0	-20.0	1.0	-22.0	2.941	31	.04	1.63	17
ALLEN	147	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.800	31	99.99	2.25	17
ATOKA DAM	394	8	52.0	30	999.0	80.	22	25.	31	394.5	9999.0	4.0	9999.0	3.440	31	99.99	1.42	17
BOKCHITO	917	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.570	31	99.99	2.75	17
CANEY	1437	8	53.0	30	999.0	79.	20	26.	30	362.5	9999.0	2.5	9999.0	2.100	31	99.99	1.40	17
CHICKASAW NRA	1745	8	51.5	30	999.0	77.	20	24.	30	407.5	9999.0	2.0	9999.0	4.000	31	99.99	1.53	17
COLEMAN	2011	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.000	31	99.99	1.80	17
COMANCHE	2054	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.392	31	99.99	1.90	22
DAISY	2354	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.482	31	.64	1.85	17
DURANT USDA	2678	8	53.0	30	999.0	81.	21	23.	30	367.5	9999.0	6.5	9999.0	2.630	31	-.64	1.77	17
ELMORE CITY	2872	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.902	31	99.99	1.50	22
FARRIS	3083	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.240	31	99.99	1.89	17
GRADY	3688	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.250	31	99.99	1.44	17
HENNIPEN	4052	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.690	31	99.99	1.80	16
HEALDTON	4001	8	50.5	28	999.0	78.	20	23.	30	406.5	9999.0	0.0	9999.0	2.631	29	.17	1.65	17
KINGSTON	4865	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.980	31	1.82	1.71	17
LEHIEGH	5108	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.812	31	99.99	1.55	17
LINDSAY	5216	8	51.0	31	999.0	78.	20	23.	30	433.0	9999.0	0.0	9999.0	3.540	31	1.28	2.28	17
LOCO	5247	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.680	31	99.99	2.46	17
MADILL	5468	8	52.6	31	-1.0	79.	22	26.	30	388.0	10.0	3.5	-21.5	2.620	31	-.39	1.67	17
MARIETTA	5563	8	53.5	31	-.3	79.	21	25.	30	360.5	-10.5	4.0	-20.0	2.570	31	-.18	1.52	17
MARLOW	5581	8	51.1	31	999.0	78.	20	21.	30	430.0	9999.0	0.0	9999.0	1.890	31	-.11	.71	17
MCGEE CREEK	5713	8	52.7	30	999.0	82.	21	24.	31	371.0	9999.0	2.5	9999.0	4.260	31	99.99	2.11	17
OSWALT	6787	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.881	31	99.99	1.51	13
PAULS VALLEY	6926	8	51.5	31	-1.1	78.	20	23.	30	419.0	14.0	.5	-20.5	3.431	31	1.13	1.65	17
PONTOTOC	7214	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.850	31	-.44	2.00	17
TISHOMINGO	8884	8	51.2	22	999.0	78.	20	22.	30	383.5	9999.0	.5	9999.0	4.290	28	1.12	2.01	1
TUSSY	9032	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.841	31	99.99	1.85	17
WAURIKA	9395	8	52.5	31	-1.7	80.	20	24.	30	387.0	23.0	0.0	-30.0	1.580	31	-.36	.60	17

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

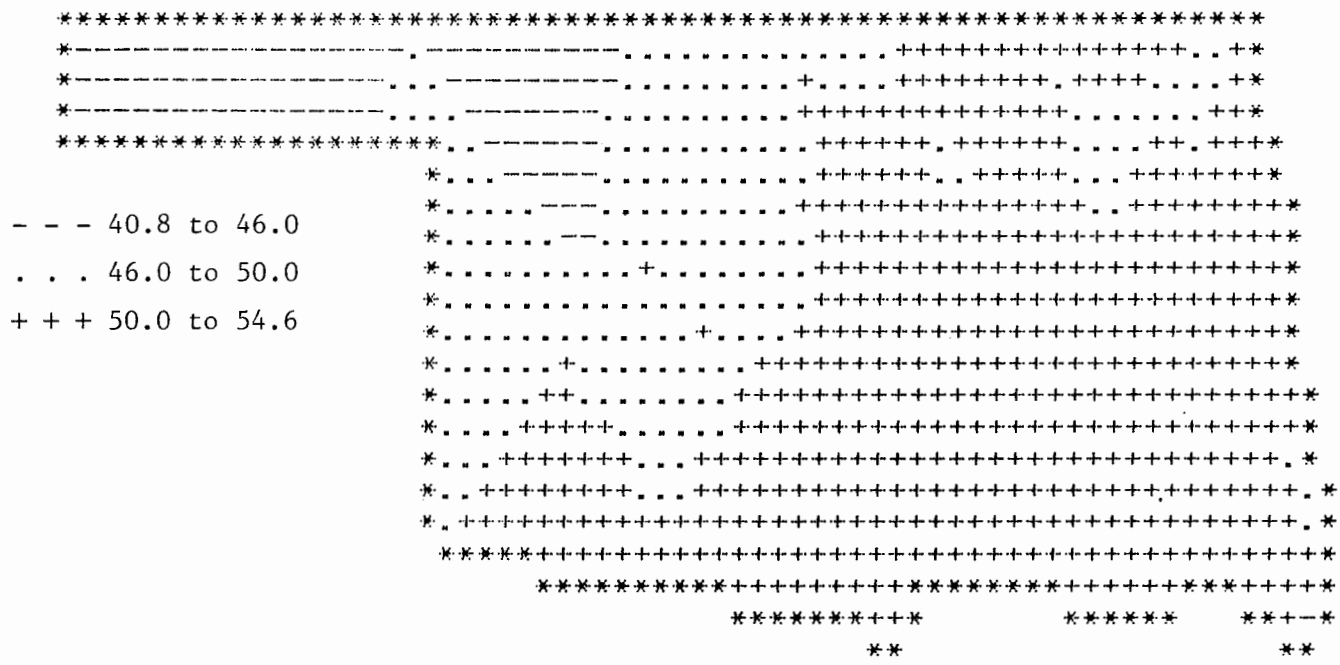
MARCH 1987 SUMMARY FOR SOUTHEAST DIVISION (CD9)

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	53.9	31	1.1	81.	22	30.	31	348.0	-50.0	3.0	-17.0	2.990	31	-.58	2.60	17
BATTIEST	567	9	51.7	29	999.0	78.	22	19.	31	385.0	9999.0	.5	9999.0	3.900	30	99.99	1.80	17
BEAR MT TW	584	9	54.6	30	999.0	80.	20	25.	31	317.5	9999.0	5.0	9999.0	4.590	31	.15	2.60	17
BENGAL	670	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.020	31	99.99	1.53	17
BOSWELL	980	9	53.8	31	999.0	80.	21	24.	31	350.0	9999.0	2.0	9999.0	3.051	31	-.27	2.45	17
BROKEN BOW	1162	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.720	31	.25	3.60	17
BROKEN BOW DAM	1168	9	52.2	30	999.0	82.	21	22.	31	383.0	9999.0	0.0	9999.0	5.040	31	99.99	3.50	17
BUFFALO MT TW	1251	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.070	31	99.99	1.62	17
CARNASAW TW	1499	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.690	31	1.04	3.79	17
CARTER TW	1544	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.740	31	1.17	2.85	17
FANSHANE	3065	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.770	31	-.65	1.50	17
HEAVENER	4008	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.080	31	1.93	2.30	22
HUGO	4384	9	53.9	31	-.7	79.	22	27.	31	347.5	.5	3.5	-20.5	3.490	31	-.31	2.35	17
IDABEL	4451	9	53.5	30	-.4	81.	22	25.	30	345.5	-18.5	1.0	-19.0	5.000	31	.64	2.43	17
JADIE TOWER	4560	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.940	31	99.99	2.83	17
POTEAU WATER WORKS	7254	9	51.0	31	999.0	83.	22	22.	30	443.5	9999.0	9.5	9999.0	3.590	31	99.99	1.49	16
SMITHVILLE	8285	9	49.8	31	999.0	79.	22	18.	31	470.5	9999.0	0.0	9999.0	4.620	31	99.99	2.45	17
SPIRO	8416	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.311	31	.17	1.71	17
TUSKAHOMA	9023	9	53.1	31	999.0	81.	21	19.	31	379.0	9999.0	11.0	9999.0	3.800	31	99.99	1.76	17
VALLIANT	9118	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.740	31	-.47	2.05	17
ZOE	9985	9	51.8	30	999.0	83.	20	18.	31	400.0	9999.0	5.0	9999.0	5.670	31	1.25	2.10	17

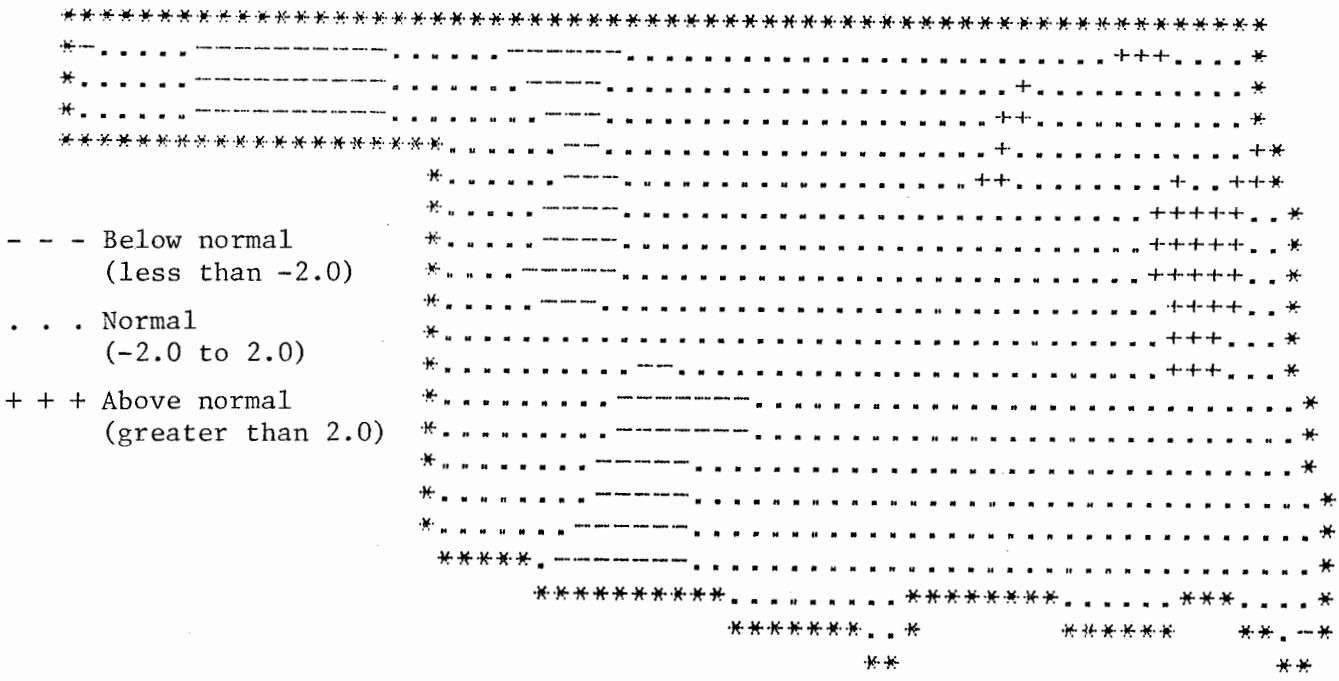
MARCH 1987 CLIMATE DIVISION SUMMARY

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	43.7	9	-1.6	80.0	7	7.0	30	634.9	19.6	0.0	-5.7	2.91	12	1.78	2.70	22
2	48.5	11	.4	80.0	14	13.0	31	504.8	-31.6	.2	-12.6	3.61	23	1.73	2.25	17
3	51.0	16	2.3	82.0	20	18.0	31	423.7	-92.5	1.1	-11.3	3.30	30	.29	2.05	17
4	48.0	11	-1.3	78.0	14	11.0	30	523.6	23.8	0.0	-13.1	2.51	20	.94	1.66	17
5	50.6	16	.5	80.0	20	17.0	17	440.6	-38.4	.9	-15.0	2.96	34	.67	3.05	16
6	52.2	11	1.4	82.0	22	19.0	31	395.8	-59.9	4.1	-12.9	3.65	28	.15	2.80	17
7	50.0	10	-1.8	82.0	14	18.0	30	454.6	26.9	.2	-18.9	2.04	21	.48	2.46	17
8	52.1	13	-1.2	82.0	21	21.0	30	393.8	7.6	2.0	-22.6	3.15	29	.35	2.75	17
9	52.7	11	-1.1	83.0	20	18.0	31	379.0	9.4	3.7	-17.7	4.42	21	.23	3.79	17

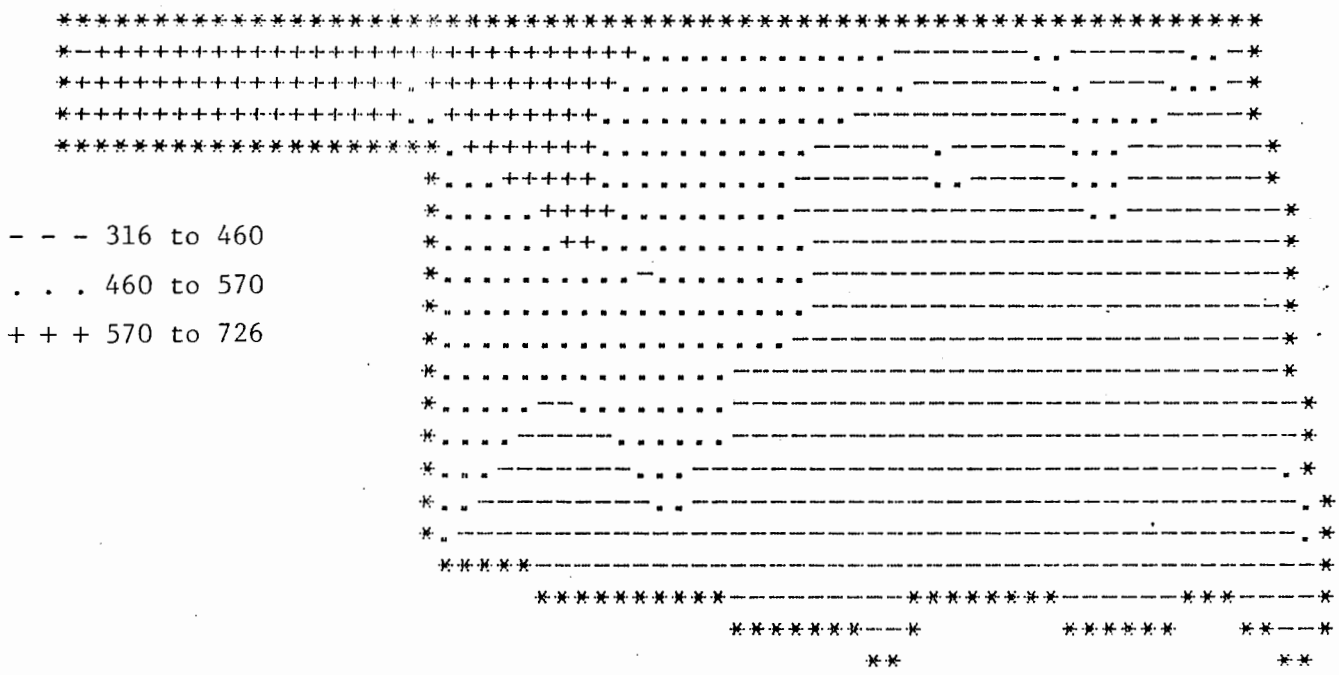
Note: 9999.0, 999.0, 99.99 indicate missing records.
Trace = .001



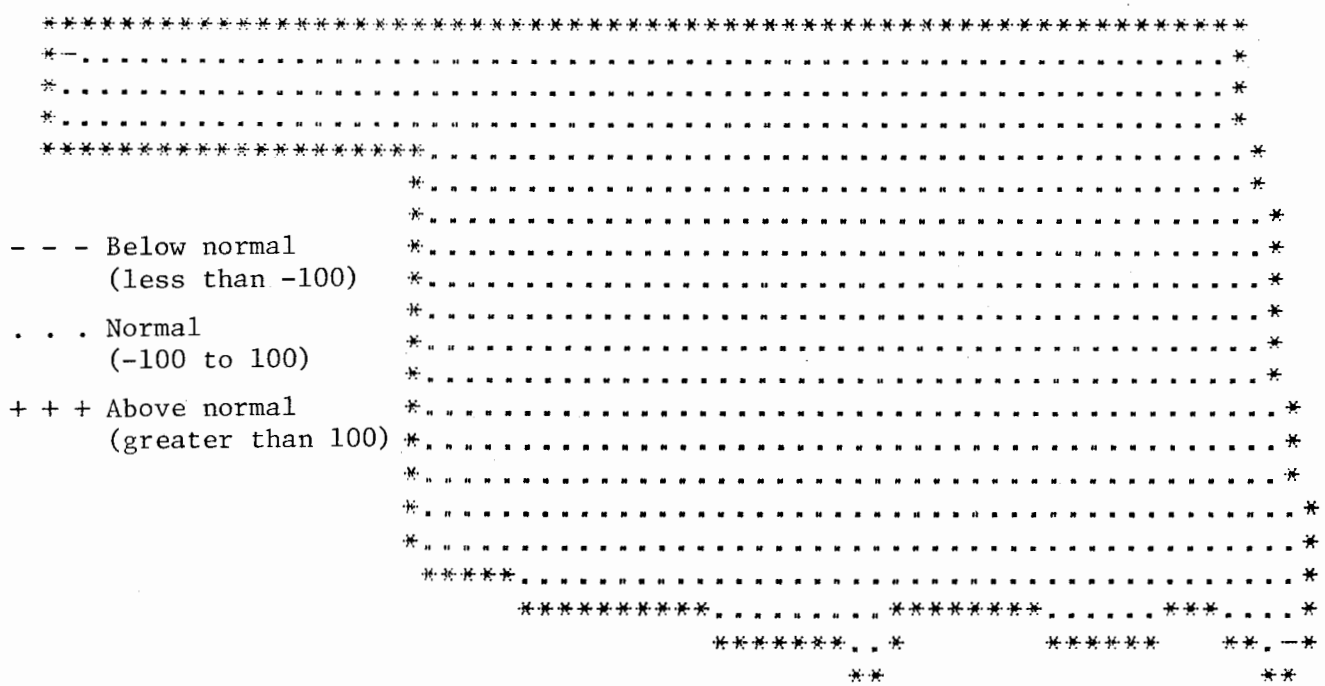
MARCH 1987 MEAN MONTHLY TEMPERATURE
(Degrees F)



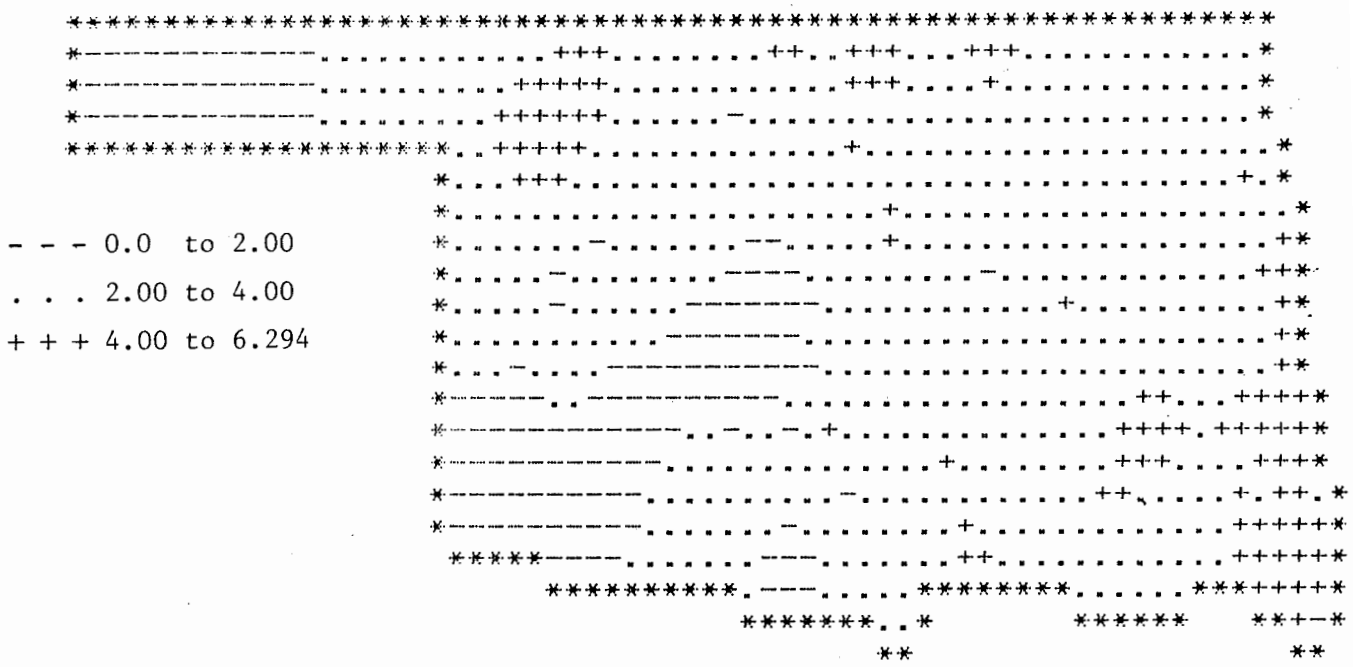
MARCH 1987 DEVIATION FROM NORMAL TEMPERATURE



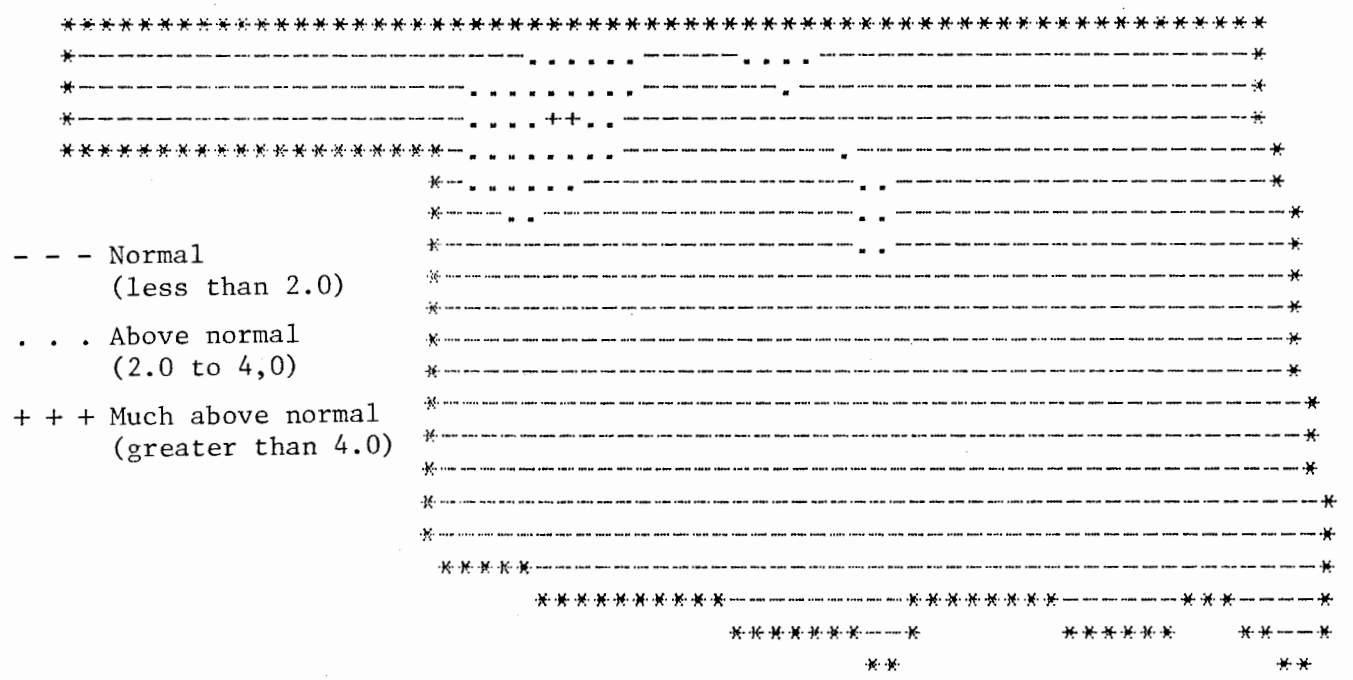
MARCH 1987 TOTAL HEATING DEGREE DAYS



MARCH 1987 DEVIATION FROM NORMAL HEATING DEGREE DAYS



MARCH 1987 TOTAL PRECIPITATION
(Inches)



MARCH 1987 DEVIATION FROM NORMAL PRECIPITATION

MAY 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
71.9	max	
51.5	min	
.108	pcpn	
4	HDD	
1	CDD	
Highest Max		93-1948
Lowest Max		53-1966
Lowest Min		39-1963
Highest Min		65-1959
Greatest pcpn		1.63-1954

Normal	2	Actual
73.3	max	
51.5	min	
.156	pcpn	
4	HDD	
2	CDD	
Highest Max		94-1943
Lowest Max		52-1954
Lowest Min		39-1961
Highest Min		69-1959
Greatest pcpn		1.53-1975

Normal	3	Actual
74.7	max	
53.0	min	
.125	pcpn	
4	HDD	
3	CDD	
Highest Max		92-1940
Lowest Max		49-1978
Lowest Min		32-1954
Highest Min		70-1949
Greatest pcpn		2.48-1979

Normal	4	Actual
76.1	max	
53.8	min	
.125	pcpn	
3	HDD	
3	CDD	
Highest Max		90-1943
Lowest Max		44-1935
Lowest Min		36-1954
Highest Min		70-1949
Greatest pcpn		1.71-1941

Normal	5	Actual
76.0	max	
56.7	min	
.150	pcpn	
2	HDD	
4	CDD	
Highest Max		94-1940
Lowest Max		50-1935
Lowest Min		40-1935
Highest Min		69-1940
Greatest pcpn		1.58-1967

Normal	6	Actual
77.5	max	
55.3	min	
.128	pcpn	
2	HDD	
4	CDD	
Highest Max		94-1954
Lowest Max		61-1960
Lowest Min		37-1944
Highest Min		70-1986
Greatest pcpn		2.61-1930

Normal	7	Actual
77.6	max	
55.0	min	
.059	pcpn	
2	HDD	
4	CDD	
Highest Max		88-1934
Lowest Max		58-1972
Lowest Min		42-1938
Highest Min		71-1927
Greatest pcpn		1.60-1968

Normal	8	Actual
78.5	max	
55.2	min	
.135	pcpn	
2	HDD	
4	CDD	
Highest Max		91-1933
Lowest Max		50-1943
Lowest Min		38-1938
Highest Min		70-1927
Greatest pcpn		3.09-1959

Normal	9	Actual
77.9	max	
57.2	min	
.169	pcpn	
2	HDD	
4	CDD	
Highest Max		90-1927
Lowest Max		55-1943
Lowest Min		44-1969
Highest Min		70-1963
Greatest pcpn		3.37-1943

Normal	10	Actual
74.8	max	
57.2	min	
.316	pcpn	
2	HDD	
4	CDD	
Highest Max		96-1967
Lowest Max		53-1954
Lowest Min		42-1946
Highest Min		71-1963
Greatest pcpn		1.43-1934

Normal	11	Actual
75.6	max	
55.7	min	
.098	pcpn	
3	HDD	
4	CDD	
Highest Max		93-1963
Lowest Max		54-1954
Lowest Min		37-1981
Highest Min		70-1933
Greatest pcpn		4.30-1929

Normal	12	Actual
75.2	max	
55.1	min	
.108	pcpn	
2	HDD	
3	CDD	
Highest Max		90-1986
Lowest Max		60-1966
Lowest Min		39-1979
Highest Min		72-1956
Greatest pcpn		3.11-1967

Normal	13	Actual
76.2	max	
55.4	min	
.152	pcpn	
3	HDD	
4	CDD	
Highest Max		95-1984
Lowest Max		49-1953
Lowest Min		39-1971
Highest Min		68-1974
Greatest pcpn		2.58-1983

Normal	14	Actual
78.0	max	
55.3	min	
.108	pcpn	
2	HDD	
4	CDD	
Highest Max		92-1952
Lowest Max		55-1934
Lowest Min		41-1953
Highest Min		68-1974
Greatest pcpn		2.48-1986

Normal	15	Actual
78.8	max	
57.0	min	
.059	pcpn	
1	HDD	
4	CDD	
Highest Max		90-1931
Lowest Max		47-1945
Lowest Min		39-1942
Highest Min		70-1948
Greatest pcpn		2.73-1980

Normal	16	Actual
81.4	max	
58.5	min	
.142	pcpn	
0	HDD	
6	CDD	
Highest Max		92-1966
Lowest Max		56-1945
Lowest Min		41-1945
Highest Min		75-1974
Greatest pcpn		1.81-1986

Normal	17	Actual
79.4	max	
58.8	min	
.299	pcpn	
1	HDD	
5	CDD	
Highest Max		96-1966
Lowest Max		63-1935
Lowest Min		39-1945
Highest Min		74-1974
Greatest pcpn		3.17-1951

Normal	18	Actual
80.5	max	
58.8	min	
.116	pcpn	
1	HDD	
6	CDD	
Highest Max		95-1956
Lowest Max		65-1957
Lowest Min		45-1976
Highest Min		72-1938
Greatest pcpn		1.05-1951

Normal	19	Actual
81.0	max	
58.6	min	
.275	pcpn	
1	HDD	
6	CDD	
Highest Max		96-1973
Lowest Max		66-1955
Lowest Min		46-1971
Highest Min		71-1933
Greatest pcpn		3.35-1955

Normal	20	Actual
79.8	max	
59.1	min	
.335	pcpn	
1	HDD	
6	CDD	
Highest Max		93-1956
Lowest Max		63-1942
Lowest Min		43-1981
Highest Min		73-1933
Greatest pcpn		2.74-1979

Normal	21	Actual
81.9	max	
60.4	min	
.142	pcpn	
1	HDD	
7	CDD	
Highest Max		95-1953
Lowest Max		56-1968
Lowest Min		47-1942
Highest Min		73-1953
Greatest pcpn		1.21-1940

Normal	22	Actual
81.8	max	
60.9	min	
.208	pcpn	
1	HDD	
7	CDD	
Highest Max		98-1939
Lowest Max		58-1963
Lowest Min		42-1931
Highest Min		74-1953
Greatest pcpn		2.62-1975

Normal	23	Actual
80.4	max	
60.5	min	
.190	pcpn	
1	HDD	
6	CDD	
Highest Max		99-1939
Lowest Max		60-1935
Lowest Min		48-1963
Highest Min		72-1953
Greatest pcpn		3.09-1952

Normal	24	Actual
79.9	max	
61.0	min	
.123	pcpn	
0	HDD	
6	CDD	
Highest Max		94-1939
Lowest Max		63-1947
Lowest Min		42-1935
Highest Min		72-1939
Greatest pcpn		1.90-1957

Normal	25	Actual
82.0	max	
61.6	min	
.168	pcpn	
0	HDD	
7	CDD	
Highest Max		93-1962
Lowest Max		69-1976
Lowest Min		47-1947
Highest Min		72-1937
Greatest pcpn		1.49-1968

Normal	26	Actual
81.9	max	
60.1	min	
.352	pcpn	
1	HDD	
7	CDD	
Highest Max		95-1953
Lowest Max		57-1950
Lowest Min		49-1968
Highest Min		71-1953
Greatest pcpn		2.00-1959

Normal	27	Actual
81.4	max	
59.1	min	
.222	pcpn	
1	HDD	
6	CDD	
Highest Max		96-1927
Lowest Max		64-1976
Lowest Min		43-1961
Highest Min		76-1927
Greatest pcpn		2.89-1978

Normal	28	Actual
81.4	max	
60.9	min	
.192	pcpn	
0	HDD	
6	CDD	
Highest Max		91-1926
Lowest Max		62-1932
Lowest Min		43-1947
Highest Min		71-1942
Greatest pcpn		2.18-1932

Normal	29	Actual
83.1	max	
60.9	min	
.328	pcpn	
0	HDD	
8	CDD	
Highest Max		94-1985
Lowest Max		62-1947
Lowest Min		39-1947
Highest Min		73-1974
Greatest pcpn		5.63-1970

Normal	30	Actual
83.3	max	
62.6	min	
.194	pcpn	
0	HDD	
8	CDD	
Highest Max		104-1985
Lowest Max		66-1975
Lowest Min		45-1947
Highest Min		74-1974
Greatest pcpn		2.30-1929

Normal	31	Actual
82.2	max	
62.8	min	
.235	pcpn	
0	HDD	
8	CDD	
Highest Max		98-1928
Lowest Max		69-1964
Lowest Min		48-1975
Highest Min		74-1949
Greatest pcpn		1.64-1968