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 AUGUST 1985

August has been the hottest and driest month thus far in 1985. Although there were isolated heavy thunderstorms across the State, most locations experienced the largest number of consecutive no-rain days since early spring. Oklahoma City reported its second hottest and driest August in the last 37 years.

A series of violent storms moved across the State Sunday, August 4. Minor damage was reported in western and central Oklahoma. Power outages and damage to several homes were reported in the Sapulpa area. Winds accompanying these storms reportedly reached 70 mph. A swift moving hail storm damaged Stilwell homes, vehicles, and business buildings. Losses were unofficially estimated at $1 million. The local cooperative observer reported 1 1/2 to 2 inch diameter hail. The stones were observed to have jagged edges which, combined with high winds, were blamed for the unusually extensive damage from such a brief event. In addition to vehicular and structural damage in this area, it was reported that 3 to 4,000 bushels of apples were knocked off the trees of a local orchard by wind and hail.

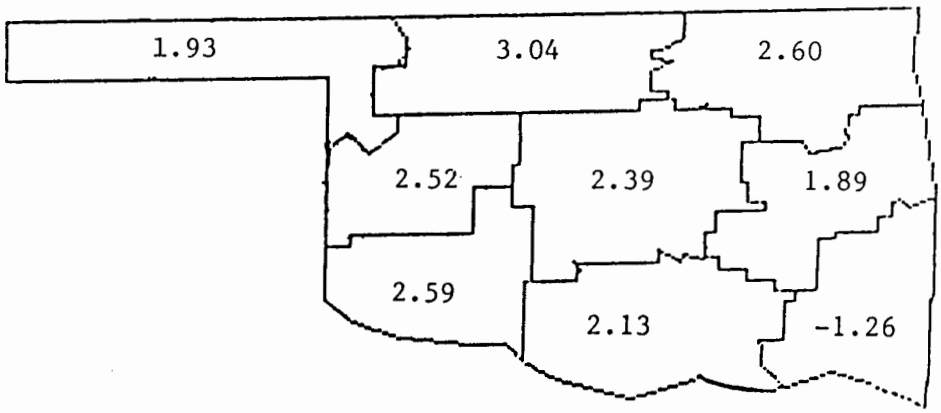
Stong winds and lightning on Monday, August 5 resulted in damage across southern and eastern Oklahoma. Sustained winds of 50-55 mph and gusts of up to 60 mph were recorded. An unconfirmed tornado was reported at the western edge of Checotah. Hail as well as high winds were reported in Seminole County. Another series of storms moved across northern and northeastern Oklahoma on Tuesday, August 6. Hail up to 1-inch deep was reported in Woodward County. The strongest storms were located northwest of Enid in Garfield County. Heavy rains, wind gusts to 45 mph and pea to golfball size hail were reported in Major County. Golfball size hail was reported at Alva and penny size in Woods County.

On August 12, straight winds of unknown speed were reported in Catoosa. Extensive roof, window and tree damage resulted. Straight winds also damaged the airport at Hobart, Oklahoma. Heavy rains associated with this cool frontal passage resulted in damage to two Beckham County bridges.

The next seven days were relatively quiet across the State. On August 20, a late afternoon storm generated a moderate amount of tree, roof and window damage in the Frederick area in southwestern Oklahoma. Strong winds, pea-size hail and heavy rains were reported with these storms.

Although the major topic for several months has been the cool, wet conditions across most of the State, typically hot and dry summer conditions returned during the month. By the end of August, normally moist southeastern Oklahoma was experiencing moderate long-term drought conditions (see map below). Figures released by the Climate Analysis Center for the week ending August 31 suggest that nearly 3 inches of additional precipitation would be required to end these drought conditions. A short-term measure of drought, the Crop Moisture Index (CMI) indicates mild to moderate drought in the Panhandle, northeastern, central, southcentral and southeastern portions of the State. These moisture levels are not unusual for late August and the CMI tends to be highly variable from one week to the next. Thus, even though temporary moisture shortages have been estimated for these areas, there is no reason to expect them to persist over a long period of time (except in southeastern Oklahoma where moisture shortages have been estimated to be of a more persistent nature).

Climate Analysis Center Palmer Drought Index Values for the Week Ending August 31, 1985.



Legend:

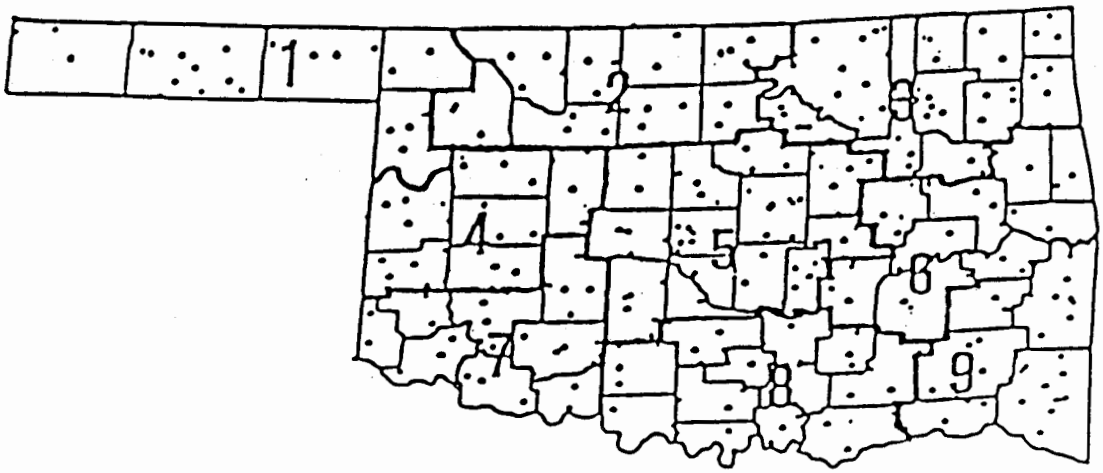
Index Value		Index Value	
.4 to -.4	Near Normal	.5 to .9	Incipient Moist
-.5 to -.9	Incipient Drought	1.0 to 1.9	Moist
-1.0 to -2.9	Moderate Drought	2.0 to 2.9	Unusually Moist
-3.0 to -3.9	Severe Drought	3.0 to 3.9	Very Moist
Below -4.0	Extreme Drought		

TABLE OF 1984/1985 AUGUST COMPARISONS

Station	August Temperatures (F) 1984	1985	August Precipitation (in.) 1984	1985
Goodwell	77.4	77.1	.45	1.Ø15
Lahoma	82.7	77.3	.68	5.6Ø
Mutual	82.4	77.3	.11	5.25
Tulsa	82.9	81.9	1.96	1.911
Elk City	81.1	8Ø.4	1.78	2.954
Oklahoma City	82.7	81.7	1.75	2.634
McAlester	82.8	83.4	2.15	4.62
Altus Irr. St.	84.8	85.5	.65	1.512
Durant	-	85.3	-	.Ø7Ø
Ada	82.4	82.6	.82	4.Ø2
Tuskahoma	81.4	84.Ø	2.Ø9	2.26

AUGUST EXTREMES

Variable	Station	Division	Observation	Date
Minimum temperature (F)	Boise City	1	48	16
Maximum temperature (F)	Gate	1	1Ø9	29
	Mangum Rs Sta	7	1Ø9	6
Maximum 24-hour precipation	Hardy	2	4.55"	13



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 provides the general station distribution and the locations of the climate divisions. Each station table contains the following:

station name:-
station identification number: These are usually assigned by the National Climatic Data Center.
climate division: See the figure above.
mean monthly temperature:
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 a 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 degree. 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 recieved. A negative valued 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 station 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 catory, 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.

AUGUST 1985 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	77.9	30	-1.4	104.	3	59.	25	0.0	0.0	388.5	-54.5	3.204	31	.79	.75	10
BOISE CITY	908	1	76.4	31	.7	99.	31	48.	16	0.0	0.0	354.0	22.0	3.600	31	1.22	2.70	15
BUFFALO	1243	1	80.5	31	-1.3	108.	3	53.	25	0.0	0.0	481.5	-39.5	2.930	31	-.41	.90	19
FARGO	3070	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.150	31	1.68	1.05	17
GAGE	3407	1	78.7	31	-1.4	102.	6	54.	25	0.0	0.0	424.5	-43.5	3.934	31	1.51	1.05	15
GATE	3489	1	80.0	27	999.0	109.	29	54.	24	0.0	9999.0	404.0	9999.0	1.250	31	99.99	.74	9
GOODWELL RES. STA.	3628	1	77.1	30	-.3	103.	30	52.	26	0.0	0.0	364.0	-20.0	1.015	31	-1.35	.85	2
GUYMON	3835	1	79.8	31	999.0	105.	30	54.	25	0.0	9999.0	459.0	9999.0	1.071	31	99.99	.46	2
HOOKER	4298	1	78.0	31	-.2	104.	31	52.	25	0.0	0.0	403.0	-6.0	.720	31	-2.06	.33	2
KENTON	4766	1	75.6	30	-.9	99.	30	55.	11	2.5	2.5	321.5	-35.5	2.550	31	.05	1.22	4
LAVERNE	5045	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.081	31	-.89	.79	15
REGNIER	7534	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.550	31	-.36	.69	1
TURPIN	9017	1	78.9	29	999.0	105.	30	52.	25	0.0	9999.0	404.5	9999.0	.780	31	99.99	.32	2

AUGUST 1985 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	79.8	31	-2.2	102.	31	54.	25	0.0	0.0	458.0	-69.0	3.480	31	.59	.57	1
BILLINGS	755	2	80.3	30	999.0	103.	30	57.	26	0.0	9999.0	459.5	9999.0	4.322	31	1.43	2.10	14
BRAMAN	1075	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.881	31	99.99	.96	14
BLACKWELL	818	2	80.8	31	999.0	106.	31	55.	26	0.0	9999.0	490.5	9999.0	2.200	31	99.99	1.21	14
CEDARDALE	1620	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.711	31	99.99	1.95	13
CHEROKEE POWER PLAN	1724	2	82.9	31	.7	107.	31	60.	25	0.0	0.0	556.0	23.0	3.440	31	.86	.71	14
ENID	2912	2	79.3	31	-2.8	101.	31	57.	26	0.0	0.0	442.0	-88.0	4.480	31	1.12	1.67	14
GREAT SALT PLAINS	D3304	2	78.7	30	-1.7	104.	3	57.	26	0.0	0.0	410.5	-66.5	4.920	29	2.40	1.95	14
HARDY	3909	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.304	31	99.99	4.55	13
HELENA	4019	2	79.5	30	999.0	104.	3	60.	26	0.0	9999.0	435.5	9999.0	3.972	31	1.36	1.17	7
JEFFERSON	4573	2	81.9	31	-.2	105.	31	56.	26	0.0	0.0	525.0	-5.0	2.130	31	-1.12	1.05	13
LAHOMA AG	4950	2	78.3	24	999.0	103.	30	55.	26	0.0	9999.0	319.0	9999.0	5.500	28	99.99	1.95	14
LAMONT	5013	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.310	31	99.99	.53	14
MEDFORD	5768	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.840	31	99.99	1.00	13
MORRISON	6065	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.111	31	99.99	.67	19
MUTUAL	6139	2	77.3	30	-3.7	105.	9	55.	26	0.0	0.0	369.5	-126.5	5.250	31	3.05	1.50	13
NEWKIRK	6278	2	80.2	31	-.9	100.	31	56.	26	0.0	0.0	472.5	-26.5	4.552	31	1.05	4.10	14
ORIENTA	6751	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.730	31	99.99	1.38	19
PERRY	7012	2	81.3	30	-.8	102.	9	55.	26	0.0	0.0	490.0	-40.0	2.310	30	-1.02	.73	14
PONCA CITY	7201	2	81.9	31	1.0	103.	31	58.	26	0.0	0.0	524.0	31.0	3.324	31	-.04	2.37	14
REDROCK	7505	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.640	31	-1.30	.82	14
RENFROW	7556	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.280	31	-.60	1.37	14
WAYNOKA	9404	2	79.3	31	-2.8	103.	3	56.	25	0.0	0.0	444.5	-85.5	6.030	31	3.33	1.64	13
WOODWARD	9760	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.722	31	1.90	1.56	19

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

AUGUST 1985 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 24-HR DAY
BARNSDALL	535	3	81.8	31	999.0	106.	31	54.	26	0.0	9999.0	521.5	9999.0	1.371	31	-1.80	.49	15
BARTLESVILLE	548	3	80.8	31	.2	103.	31	52.	26	0.0	0.0	490.5	6.5	1.901	31	-1.12	.76	15
BIXBY	782	3	80.2	30	-.1	100.	30	54.	26	0.0	0.0	457.5	-16.5	1.982	31	-.81	1.41	6
BURBANK	1256	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.371	31	99.99	.51	15
CHELSEA	1717	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.970	31	99.99	.93	15
CLAREMORE	1828	3	79.8	30	-.5	100.	30	55.	27	0.0	0.0	443.0	-31.0	2.163	31	-.75	1.03	15
CLEVELAND	1902	3	82.6	21	999.0	107.	30	53.	27	0.0	9999.0	369.0	9999.0	1.290	27	99.99	.48	20
FORAKER	3250	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.013	31	-.50	1.70	14
HOLLOW	4258	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.581	31	1.28	1.39	15
HOMINY	4289	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.480	31	-1.55	.93	15
HULAH DAM	4393	3	76.4	17	-3.6	102.	11	52.	26	0.0	0.0	193.0	-272.0	1.280	29	-1.75	.58	14
JAY TOWER	4567	3	79.8	31	999.0	99.	31	54.	26	0.0	9999.0	459.5	9999.0	5.010	31	99.99	1.76	6
KANSAS	4672	3	78.1	31	999.0	96.	31	55.	26	0.0	9999.0	405.0	9999.0	7.402	31	99.99	2.95	6
KEYSTONE DAM	4812	3	78.6	30	999.0	100.	30	56.	27	0.0	9999.0	407.5	9999.0	3.640	31	99.99	2.02	15
LENNAPAH	5118	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.860	31	99.99	.72	4
MANNFORD	5522	3	80.2	30	999.0	105.	31	49.	26	0.0	9999.0	456.5	9999.0	2.021	30	99.99	.50	15
MARAMEC	5540	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.000	31	.00	1.45	14
MIAMI	5855	3	75.8	30	-4.1	100.	30	53.	25	0.0	0.0	324.0	-138.0	7.830	31	4.32	2.43	22
NOWATA	6485	3	80.0	29	-.8	103.	31	54.	20	0.0	0.0	434.0	-56.0	1.660	31	-1.73	.71	14
ONETA	6713	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.557	31	99.99	1.83	5
PAWHUSKA 2	6937	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.070	31	99.99	.48	14
PAWNEE	6940	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.350	31	-.66	1.15	14
PRYOR	7309	3	78.0	29	-2.3	97.	30	53.	27	0.0	0.0	378.0	-96.0	3.183	31	-.22	1.64	14
QUAPAW	7358	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	9.130	31	5.69	2.54	23
RALSTON	7390	3	80.4	31	999.0	103.	31	52.	26	0.0	9999.0	476.5	9999.0	2.123	31	-.80	.85	14
RAMONA	7394	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.531	31	99.99	1.17	15
SKIATOOK	8258	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.552	31	-1.31	.65	14
SPAVINAW	8380	3	81.0	31	999.0	102.	31	56.	25	0.0	9999.0	495.5	9999.0	3.794	31	.19	1.75	5
SPAVINAW LAKE AG	8382	3	81.3	30	999.0	98.	1	56.	26	0.0	9999.0	488.0	9999.0	3.793	30	99.99	1.75	5
TULSA	8992	3	81.9	31	.2	102.	31	58.	26	0.0	0.0	522.5	4.5	1.911	31	-1.10	1.41	15
UPPER SPAVINAW	9101	3	83.3	30	999.0	103.	30	58.	26	0.0	9999.0	550.5	9999.0	4.512	31	99.99	1.70	5
VINITA	9203	3	80.1	20	.3	100.	31	65.	30	0.0	0.0	301.5	-157.5	3.840	31	.23	1.75	14
WAGONER	9247	3	81.6	31	.5	101.	31	57.	26	0.0	0.0	515.5	16.5	2.781	31	-.07	1.51	15
WANN	9298	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.453	31	99.99	1.55	14
WYNONA	9792	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.697	31	99.99	.75	12

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

AUGUST 1985 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	1443	4	78.5	30	999.0	101.	9	56.	25	0.0	9999.0	404.0	9999.0	4.080	31	99.99	1.45	1
CHEYENNE	1738	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.350	31	99.99	1.05	5
CLINTON	1909	4	84.4	31	2.4	107.	3	58.	25	0.0	0.0	601.0	74.0	2.480	31	-.31	.63	14
COLONY	2039	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.770	31	99.99	1.00	5
CORDELL	2125	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.635	31	1.00	1.30	5
ELK CITY	2849	4	80.4	31	999.0	100.	9	54.	25	0.0	9999.0	476.5	9999.0	2.954	31	.62	1.18	14
ERICK	2944	4	81.9	31	1.3	104.	7	60.	28	0.0	0.0	523.5	39.5	1.471	31	-.65	.40	5
GEARY	3497	4	80.4	31	-1.5	102.	9	63.	26	0.0	0.0	476.5	-47.5	1.400	31	-.79	.72	13
HAMMON	3871	4	80.3	30	-.8	102.	4	56.	25	0.0	0.0	458.0	-41.0	3.351	31	.91	.80	14
LEEDEY	5090	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.300	21	1.72	3.90	21
MORAVIA	6035	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.450	31	1.39	1.05	14
OKEENE	6629	4	82.4	31	-.1	105.	31	59.	25	0.0	0.0	539.0	-4.0	3.280	31	.71	1.20	19
RETROP	7565	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.010	31	99.99	.82	5
REYDON	7579	4	79.2	31	999.0	102.	3	54.	25	0.0	9999.0	440.5	9999.0	3.430	31	1.20	1.15	5
SAYRE	7952	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.361	31	-.69	.41	15
SWEETWATER	8652	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.940	31	99.99	.78	15
TALOGA	8708	4	81.6	31	.9	103.	31	55.	25	0.0	0.0	513.5	26.5	3.942	31	1.50	.85	1
THOMAS	8815	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.760	31	99.99	1.50	6
WATONGA	9364	4	82.1	31	999.0	103.	31	56.	25	0.0	9999.0	531.0	9999.0	2.264	31	.21	.70	14

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

AUGUST 1985 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	3.870	31	99.99	2.12	6
ARCADIA	288	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.060	31	99.99	1.36	15
TINKER AFB	325	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.862	30	99.99	1.31	15
BLANCHARD	830	5	83.4	28	999.0	102.	4	66.	7	0.0	9999.0	514.0	9999.0	4.431	31	99.99	1.83	5
BRISTOW	1144	5	81.8	28	.6	103.	31	50.	26	0.0	0.0	471.5	-30.5	.723	31	-1.90	.42	14
CHICKASHA EXP. STA.	1750	5	83.3	31	2.1	102.	31	58.	25	0.0	0.0	566.5	64.5	4.090	31	1.57	1.65	7
COX CITY	2196	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.590	31	99.99	1.30	14
CRESCENT	2242	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.730	31	99.99	1.14	19
CUSHING	2318	5	80.4	30	-1.0	97.	22	59.	26	0.0	0.0	463.0	-45.0	1.540	31	-1.15	.80	14
EL RENO	2818	5	80.6	31	-.7	102.	4	50.	26	0.0	0.0	484.5	-20.5	2.000	31	-.30	1.21	7
GUTHRIE	3821	5	83.1	31	1.0	102.	31	61.	26	0.0	0.0	561.0	31.0	2.401	31	.02	.81	15
HENNESSEY	4055	5	80.6	31	-1.7	103.	9	57.	25	0.0	0.0	483.0	-53.0	4.358	31	1.67	2.11	14
INGALLS	4489	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.814	31	99.99	.90	15
KINGFISHER	4861	5	82.0	30	-.4	102.	31	57.	25	0.0	0.0	510.0	-29.0	2.400	31	.01	.63	15
KONAWA	4915	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.210	31	.75	1.90	6
MARSHALL	5589	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.240	31	.49	1.83	19
MEEKER 5W	5779	5	81.2	16	-.1	100.	31	55.	26	0.0	0.0	259.5	-245.5	.181	16	-2.35	.11	19
NORMAN	6386	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.501	31	-1.06	.88	15
OILTON	6616	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.500	31	99.99	.55	4
OKEMAH	6638	5	83.8	31	2.6	102.	31	60.	26	0.0	0.0	581.5	79.5	.990	31	-1.61	.70	15
OKLAHOMA CITY	6661	5	81.7	31	.6	101.	4	61.	25	0.0	0.0	518.0	19.0	2.634	31	.23	1.39	5
PERKINS	7003	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.370	31	-.24	1.46	15
PIEDMONT	7068	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.510	31	99.99	.55	15
PRAGUE	7264	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.120	31	-1.39	.80	14
PURCELL	7327	5	82.9	31	1.0	102.	31	58.	25	0.0	0.0	553.5	29.5	2.760	31	.34	1.48	15
SEMINOLE	8042	5	84.0	31	1.4	102.	24	59.	26	0.0	0.0	590.0	44.0	2.070	31	-.81	.75	15
SHAWNEE	8110	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.601	31	-1.30	1.15	15
STELLA	8479	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.520	31	99.99	.97	15
STILLWATER	8501	5	80.3	30	-.7	100.	12	55.	26	0.0	0.0	460.0	-36.0	2.281	31	-.55	.83	19
STROUD	8563	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.403	31	99.99	.95	15
TECUMSEH	8751	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.621	31	99.99	2.57	15
TROUSDALE	8960	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.350	31	99.99	1.55	5
UNION CITY	9086	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.570	31	1.02	2.02	5
WELTY	9479	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.950	31	99.99	.80	15
WEWOKA	9575	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.130	31	.28	1.45	6

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

AUGUST 1935 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

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
ASHLAND	364	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.060	31	99.99	1.65	24
BEGGS	631	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.490	31	99.99	.49	15
BOYNTON	1027	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.260	31	99.99	.68	24
CALVIN	1391	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.191	31	-.39	1.03	24
CHECOTAH	1711	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.623	31	.92	1.73	6
CLAYTON	1858	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.890	31	99.99	.89	24
DEWAR	2485	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.351	31	-1.26	.51	6
DUSTIN	2690	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.350	31	99.99	1.55	24
HANNA	3884	6	83.5	31	999.0	103.	23	57.	26	0.0	9999.0	574.0	9999.0	1.381	31	-1.44	1.06	24
HARTSHORNE	3946	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.272	31	99.99	1.01	15
HASKELL	3956	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.650	31	-.68	.92	15
HOLDENVILLE	4235	6	83.2	31	1.3	104.	23	58.	26	0.0	0.0	563.0	39.0	3.400	31	.74	2.04	24
LAKE EUFAULA	4975	6	82.2	29	999.0	102.	9	56.	28	0.0	9999.0	498.5	9999.0	4.680	31	99.99	1.27	15
LYONS	5437	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.600	31	-.27	1.08	8
MCALESTER	5664	6	83.4	31	1.7	103.	1	61.	28	0.0	0.0	571.0	53.0	4.620	31	1.37	2.23	15
MCCURTAIN	5693	6	83.3	31	999.0	103.	23	56.	26	0.0	9999.0	567.5	9999.0	3.110	31	.10	1.00	5
MUSKOGEE	6130	6	83.0	31	1.5	103.	31	57.	26	0.0	0.0	558.5	46.5	1.270	31	-1.76	.55	24
OKMULGEE WATER	6670	6	83.3	31	2.5	104.	31	54.	26	0.0	0.0	568.0	78.0	.430	31	-2.20	.37	14
OKTAHA	6678	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.070	31	99.99	.84	5
QUINTON	7372	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.011	31	-.09	1.74	23
SALLISAW	7862	6	81.0	31	-.0	102.	1	54.	26	0.0	0.0	494.5	-1.5	5.734	31	2.56	3.24	5
SCIPIO	7979	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.570	31	99.99	2.06	24
SCRAPER	7993	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.310	31	99.99	1.00	5
SHORT-1	8170	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.970	31	99.99	1.25	6
STILWELL	8506	6	78.6	31	999.0	98.	31	53.	26	0.0	9999.0	421.0	9999.0	5.163	31	1.81	2.29	6
TAHLEQUAH	8677	6	80.0	31	.1	100.	31	53.	26	0.0	0.0	465.5	3.5	4.180	31	1.12	1.58	5
WEBBER FALLS 5 WSW	9445	6	80.2	30	-.5	101.	1	54.	27	0.0	0.0	456.5	-30.5	5.930	31	3.05	2.14	15
WESTVILLE	9523	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.760	31	99.99	1.65	6
WETUMKA	9571	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.874	31	-.55	1.20	6

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

AUGUST 1985 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	85.5	31	2.4	106.	8	64.	26	0.0	0.0	635.0	74.0	1.512	31	-.73	.60	14
ALTUS DAM	184	7	83.5	30	999.0	103.	6	65.	26	0.0	9999.0	554.0	9999.0	2.110	31	-.02	.92	14
ANADARKO	224	7	82.1	23	.1	102.	22	56.	25	0.0	0.0	392.5	-134.5	2.190	31	-.29	1.06	5
CARNEGIE	1504	7	83.7	31	1.4	103.	23	57.	25	0.0	0.0	579.0	43.0	2.780	31	.65	1.40	14
CHATTANOOGA	1706	7	85.8	31	2.5	107.	23	62.	12	0.0	0.0	644.5	77.5	1.210	31	-1.40	.66	6
ALTUS AFB	447	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.043	29	99.99	.93	14
DUNCAN	2668	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.310	31	99.99	1.94	15
FLETCHER	3191	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.781	31	99.99	.45	7
FREDERICK	3353	7	85.5	30	.9	106.	11	65.	26	0.0	0.0	614.5	6.5	4.270	31	1.81	2.10	14
GRANDFIELD	3709	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.360	31	-.03	1.13	24
HOBART FAA	4204	7	83.0	31	.9	104.	4	60.	25	0.0	0.0	559.0	29.0	3.350	31	1.47	1.68	14
HOLLIS	4249	7	84.0	27	.6	106.	8	64.	31	0.0	0.0	512.0	-58.0	2.390	27	.36	1.49	14
FORT SILL	5068	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.803	30	.65	1.60	24
LOCO 6 SE	5247	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.390	31	99.99	1.12	15
LOOKEBA	5329	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.940	31	99.99	1.39	5
MANGUM RES. STA.	5509	7	85.4	31	2.8	109.	6	63.	31	0.0	0.0	633.5	87.5	1.540	31	-.51	1.16	14
ROOSEVELT	7727	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.230	31	.09	.86	7
SNYDER	8299	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.610	31	.40	1.79	14
VICI	9172	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.850	31	99.99	.92	15
VINSON	9212	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.560	31	-.70	.74	13
WALTERS	9278	7	85.7	31	2.0	107.	23	61.	25	0.0	0.0	640.5	60.5	1.641	31	-.93	.64	15
WICHITA MT WL REF	9629	7	82.7	30	1.2	105.	6	61.	25	0.0	0.0	529.5	17.5	3.770	31	1.73	1.52	7
WILLOW	9668	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.640	31	99.99	1.30	5

NOTE: 9999.0, 999.9, 99.99 indicate missing records.
Trace = .001

AUGUST 1985 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	82.9	31	1.2	102.	23	60.	26	0.0	0.0	555.5	37.5	4.020	31	.93	2.15	6
ALLEN	147	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.650	31	99.99	2.40	14
ARDMORE	292	8	85.7	31	1.7	103.	31	64.	26	0.0	0.0	641.5	52.5	.660	31	-1.87	.22	6
ATOKA DAM	394	8	85.5	30	999.0	106.	1	61.	26	0.0	9999.0	615.0	9999.0	2.060	31	99.99	1.10	26
BOKCHITO	917	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	0.000	31	99.99	0.00	31
CANEY	1437	8	83.9	29	999.0	102.	16	58.	26	0.0	9999.0	547.5	9999.0	1.460	31	99.99	1.09	24
CENTRAHOMA	1648	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.380	31	99.99	1.00	21
CHICKASAW NRA	1745	8	84.2	31	999.0	104.	24	58.	26	0.0	9999.0	594.0	9999.0	1.030	31	99.99	.42	15
COLEMAN	2011	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.000	31	99.99	.63	24
COMANCHE	2054	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.230	31	99.99	1.94	15
DAISY	2354	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.270	31	-.24	1.06	21
DUNCAN	2660	8	84.3	30	1.3	103.	6	63.	26	0.0	0.0	580.0	22.0	3.510	31	1.16	2.04	15
DURANT USDA	2678	8	85.3	30	999.0	104.	23	59.	26	0.0	9999.0	608.5	9999.0	.070	31	-2.40	.07	24
ELMORE CITY	2872	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.301	31	99.99	1.20	14
GRADY	3688	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.730	31	99.99	1.53	15
HEALDTON	4001	8	84.1	28	999.0	103.	31	60.	25	0.0	9999.0	536.0	9999.0	1.470	28	-.83	.61	15
HENNEPIN	4052	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.530	23	99.99	.31	14
KINGSTON	4865	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.420	31	-2.07	.22	24
LEHIGH	5108	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.330	31	99.99	1.26	24
MADILL	5468	8	85.2	31	2.1	103.	31	61.	26	0.0	0.0	626.0	65.0	.750	31	-1.68	.39	15
MARIETTA	5563	8	86.9	31	4.0	105.	31	65.	26	0.0	0.0	678.5	123.5	.360	31	-2.22	.19	7
MARLOW	5581	8	83.0	31	999.0	103.	3	56.	25	0.0	9999.0	559.5	9999.0	4.690	31	2.27	1.88	15
PAULS VALLEY	6926	8	83.8	31	.7	103.	23	61.	24	0.0	0.0	582.5	21.5	2.231	31	-.09	1.40	5
OSWALT	6787	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	0.000	31	99.99	0.00	31
PONTOTOC	7214	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.930	31	-.78	.76	14
TISHOMINGO	8884	8	83.3	19	999.0	103.	18	58.	25	0.0	9999.0	348.5	9999.0	1.310	31	-1.21	.93	24
TUSSY	9032	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.820	31	99.99	.48	15
WAURIKA	9395	8	84.5	31	.7	102.	3	64.	25	0.0	0.0	604.0	21.0	2.852	31	.30	1.95	15

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

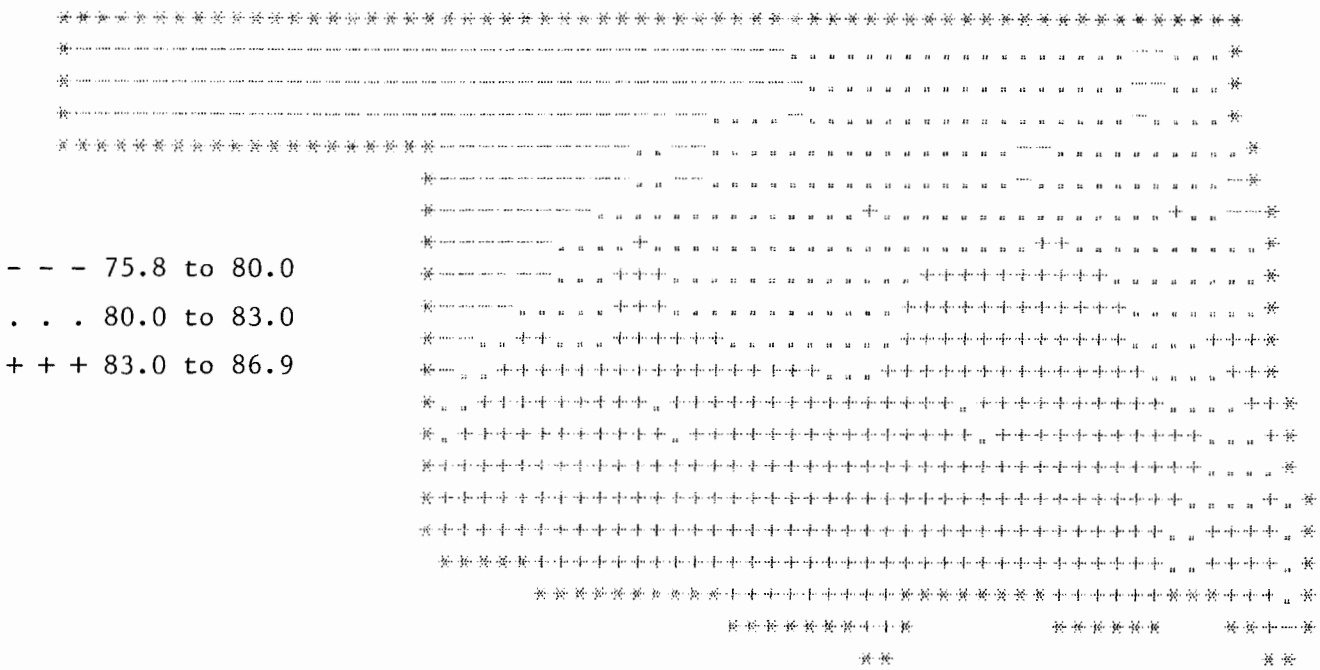
AUGUST 1985 SUMMARY FOR SOUTHEAST DIVISION (CD9)

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	84.4	31	3.3	106.	31	54.	26	0.0	0.0	600.5	101.5	.360	31	-2.87	.36	24
BATTIEST	567	9	81.4	30	999.0	104.	31	55.	26	0.0	9999.0	492.5	9999.0	2.970	31	99.99	1.20	5
BEAR MT TOWER	584	9	83.9	31	999.0	105.	31	57.	26	0.0	9999.0	584.5	9999.0	2.031	31	-1.55	1.15	16
BENGAL 2NNW	670	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.280	31	99.99	1.23	24
BOSWELL	980	9	84.7	31	999.0	103.	31	59.	26	0.0	9999.0	609.5	9999.0	.832	31	-1.85	.42	16
BROKEN BOW	1162	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.380	31	-1.58	.95	15
BROKEN ARROW	1168	9	83.6	30	999.0	107.	19	56.	26	0.0	9999.0	558.0	9999.0	.610	31	99.99	.40	6
BUFFALO MT TOWER	1251	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.920	31	99.99	1.59	24
CARNASAW	1499	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.030	31	-2.07	.84	6
CARTER MT	1544	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.250	31	-2.42	.55	5
FANSHAWE	3065	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.420	31	-.65	.95	24
HEAVENER	4008	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.880	31	-.47	1.03	5
HEE MT TOWER	4017	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.630	31	99.99	.32	24
HUGO	4384	9	83.8	31	1.6	105.	31	57.	26	0.0	0.0	583.0	50.0	.370	31	-3.07	.22	15
IDABEL	4451	9	83.7	30	2.4	104.	19	59.	27	0.0	0.0	562.5	57.5	.132	31	-2.49	.13	16
JADIE TOWER	4560	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.390	31	99.99	.23	21
POTEAU	7246	9	84.0	31	2.5	105.	31	58.	26	0.0	0.0	587.5	75.5	1.740	31	-1.56	.41	6
SPIRO	8416	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.760	31	.16	1.09	6
SMITHVILLE	8285	9	80.6	27	999.0	101.	1	52.	26	0.0	9999.0	420.5	9999.0	2.640	28	99.99	.78	16
SOBAL TOWER	8305	9	82.7	31	999.0	100.	31	63.	28	0.0	9999.0	549.5	9999.0	1.512	31	-1.85	.75	8
TUSKAHOMA	9023	9	84.0	31	999.0	105.	31	54.	26	0.0	9999.0	590.5	9999.0	2.260	31	99.99	.92	24
VALLIANT	9118	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	0.000	31	-2.76	0.00	31
WILBURTON	9634	9	80.8	31	-.1	105.	31	52.	26	0.0	0.0	489.5	-3.5	1.003	31	-2.33	1.00	24

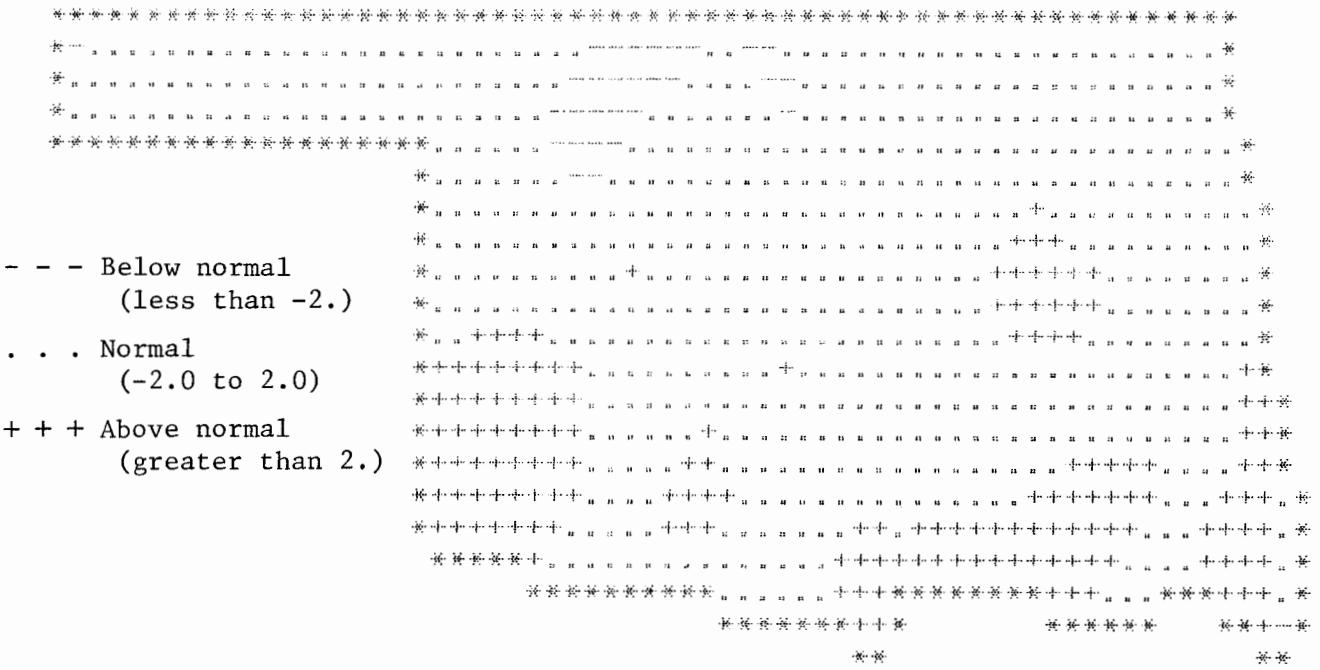
AUGUST 1985 CLIMATE DIVISION SUMMARY

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	78.3	10	-.1	109.0	29	48.0	16	.3	.3	400.5	-15.8	2.22	13	-.34	2.70	15
2	80.3	13	-1.3	107.0	31	54.0	25	0.0	0.0	467.5	-47.0	3.56	24	.64	4.55	13
3	80.2	17	-.3	107.0	30	49.0	26	0.0	0.0	460.3	-19.6	2.97	35	-.19	2.95	6
4	81.1	10	-.4	107.0	3	54.0	25	0.0	0.0	496.4	-14.3	2.72	18	.37	3.90	21
5	82.1	13	.5	103.0	9	50.0	26	0.0	0.0	519.7	4.8	2.48	34	-.12	2.57	15
6	82.0	11	.9	104.0	31	53.0	26	0.0	0.0	521.6	23.2	2.97	29	.12	3.24	5
7	84.5	10	1.6	109.0	6	56.0	25	0.0	0.0	590.2	36.5	2.45	23	.21	2.10	14
8	84.6	13	1.5	106.0	1	56.0	25	0.0	0.0	594.5	33.8	1.87	27	-.72	2.40	14
9	83.1	12	1.7	107.0	19	52.0	26	0.0	0.0	552.3	43.9	1.50	23	-1.64	1.59	24

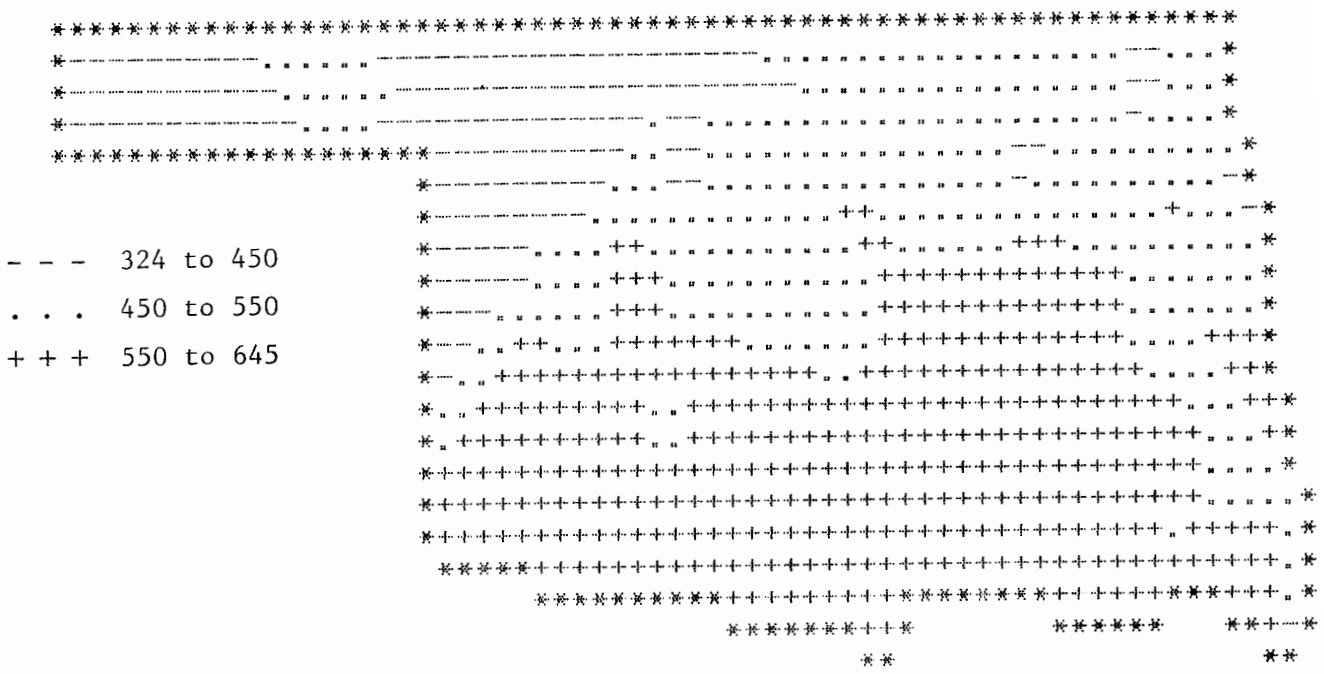
NOTE: 9999.0, 999.0, 99.99 indicate missing records.
Trace = .001



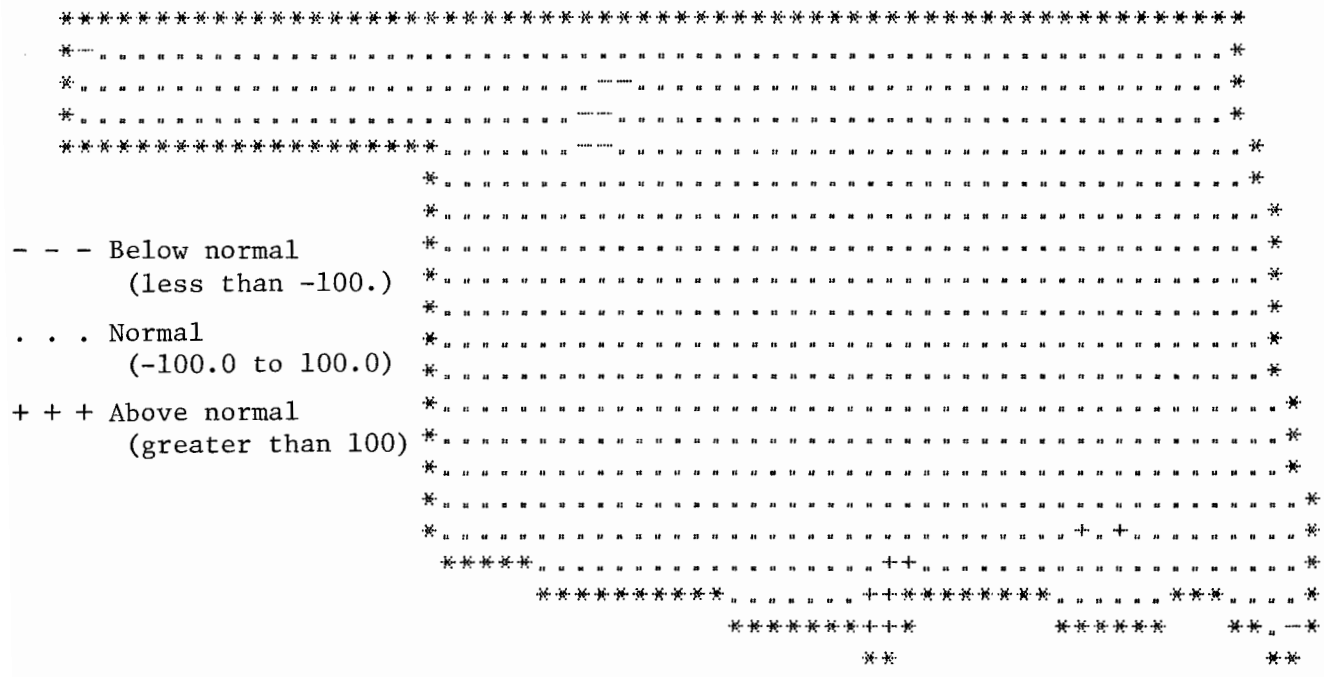
AUGUST 1985 AVERAGE MONTHLY TEMPERATURE
(INCHES)



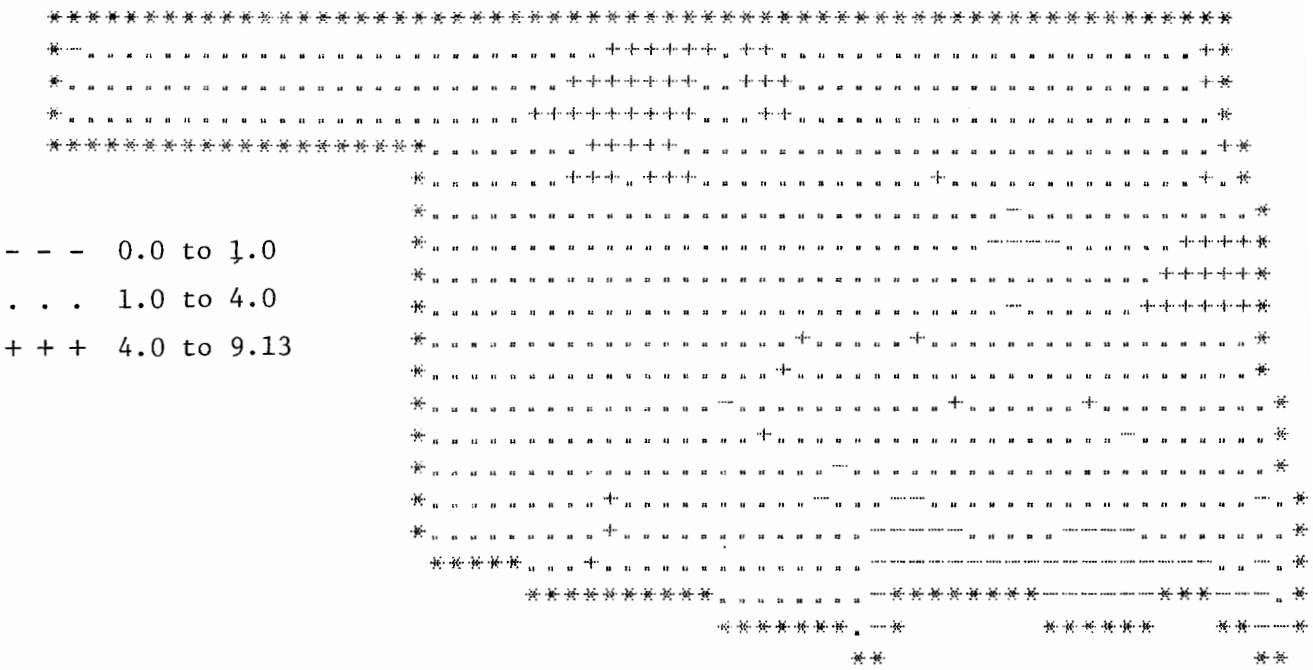
AUGUST 1935 DEVIATION FROM NORMAL TEMPERATURE



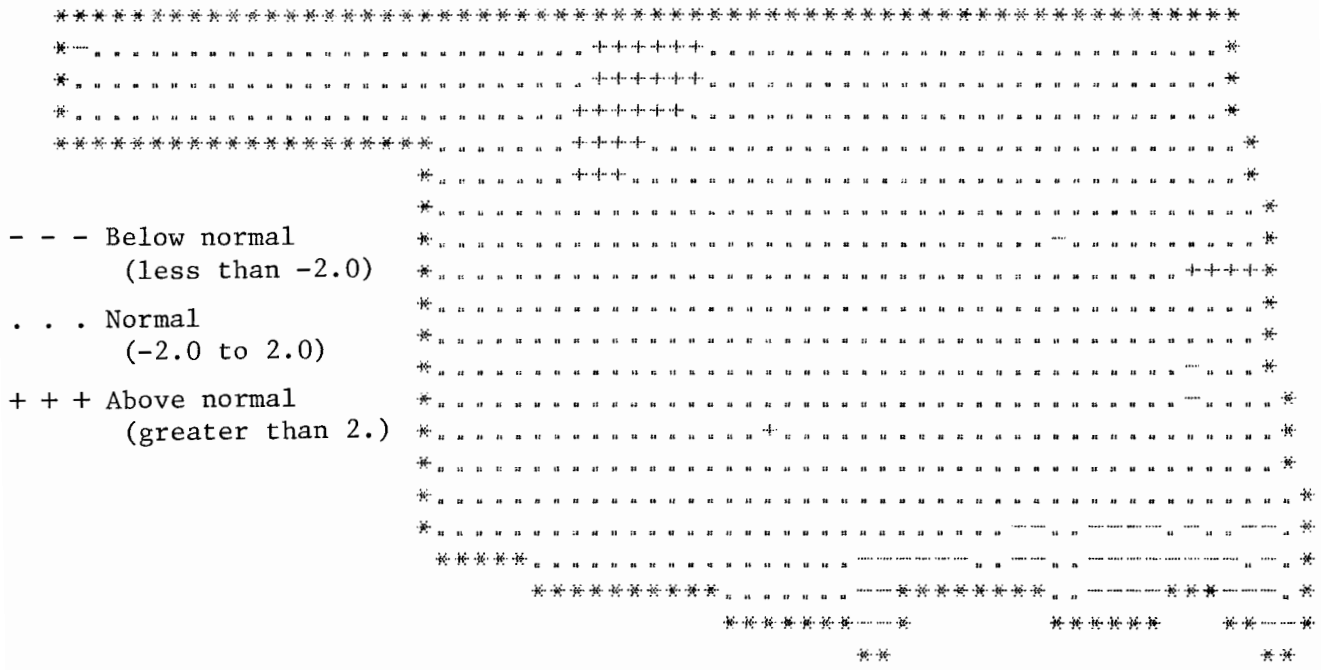
AUGUST 1985 TOTAL COOLING DEGREE DAYS



AUGUST 1985 DEVIATION FROM NORMAL COOLING DEGREE DAYS



AUGUST 1985 TOTAL PRECIPITATION
(INCHES)



AUGUST 1985 DEVIATION FROM NORMAL PRECIPITATION

OCTOBER 1985
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
80.6	max	
54.9	min	
.108	pcpn	
2	HDD	
5	CDD	
Highest Max		97-1938
Lowest Max		61-1958
Lowest Min		38-1958
Highest Min		71-1926
Greatest pcpn		2.28-1959

Normal	2	Actual
81.2	max	
56.0	min	
.225	pcpn	
1	HDD	
5	CDD	
Highest Max		96-1938
Lowest Max		61-1958
Lowest Min		41-1975
Highest Min		72-1954
Greatest pcpn		4.52-1955

Normal	3	Actual
79.2	max	
55.9	min	
.142	pcpn	
2	HDD	
5	CDD	
Highest Max		96-1951
Lowest Max		56-1959
Lowest Min		40-1975
Highest Min		73-1954
Greatest pcpn		1.59-1955

Normal	4	Actual
77.9	max	
55.8	min	
.128	pcpn	
2	HDD	
4	CDD	
Highest Max		96-1931
Lowest Max		58-1959
Lowest Min		43-1975
Highest Min		71-1940
Greatest pcpn		2.22-1955

Normal	5	Actual
77.7	max	
54.9	min	
.120	pcpn	
2	HDD	
4	CDD	
Highest Max		95-1947
Lowest Max		57-1932
Lowest Min		38-1932
Highest Min		73-1981
Greatest pcpn		1.74-1970

Normal	6	Actual
74.6	max	
53.3	min	
.026	pcpn	
4	HDD	
3	CDD	
Highest Max		94-1931
Lowest Max		58-1952
Lowest Min		40-1976
Highest Min		72-1931
Greatest pcpn		1.08-1983

Normal	7	Actual
76.3	max	
51.7	min	
.081	pcpn	
3	HDD	
2	CDD	
Highest Max		94-1979
Lowest Max		50-1976
Lowest Min		32-1952
Highest Min		73-1939
Greatest pcpn		1.41-1967

Normal	8	Actual
76.6	max	
52.4	min	
.066	pcpn	
4	HDD	
3	CDD	
Highest Max		94-1979
Lowest Max		50-1970
Lowest Min		35-1976
Highest Min		70-1928
Greatest pcpn		.88-1970

Normal	9	Actual
78.1	max	
52.0	min	
.109	pcpn	
3	HDD	
4	CDD	
Highest Max		96-1965
Lowest Max		56-1970
Lowest Min		38-1970
Highest Min		70-1973
Greatest pcpn		2.09-1961

Normal	10	Actual
79.6	max	
52.7	min	
.018	pcpn	
3	HDD	
4	CDD	
Highest Max		95-1965
Lowest Max		60-1957
Lowest Min		35-1979
Highest Min		71-1973
Greatest pcpn		.57-1935

Normal	11	Actual
79.3	max	
53.5	min	
.070	pcpn	
2	HDD	
4	CDD	
Highest Max		94-1979
Lowest Max		56-1946
Lowest Min		36-1932
Highest Min		69-1972
Greatest pcpn		1.72-1930

Normal	12	Actual
78.9	max	
55.4	min	
.050	pcpn	
2	HDD	
5	CDD	
Highest Max		94-1978
Lowest Max		57-1969
Lowest Min		34-1977
Highest Min		70-1928
Greatest pcpn		1.02-1981

Normal	13	Actual
78.0	max	
54.8	min	
.040	pcpn	
3	HDD	
4	CDD	
Highest Max		90-1963
Lowest Max		52-1969
Lowest Min		38-1969
Highest Min		71-1966
Greatest pcpn		1.08-1957

Normal	14	Actual
76.1	max	
53.0	min	
.099	pcpn	
3	HDD	
3	CDD	
Highest Max		90-1938
Lowest Max		55-1937
Lowest Min		32-1969
Highest Min		68-1928
Greatest pcpn		2.45-1956

Normal	15	Actual
73.5	max	
52.2	min	
.103	pcpn	
4	HDD	
2	CDD	
Highest Max		92-1962
Lowest Max		55-1970
Lowest Min		38-1974
Highest Min		68-1928
Greatest pcpn		1.80-1953

Normal	16	Actual
74.2	max	
49.8	min	
.012	pcpn	
5	HDD	
2	CDD	
Highest Max		89-1972
Lowest Max		57-1969
Lowest Min		31-1977
Highest Min		67-1934
Greatest pcpn		1.25-1981

Normal	17	Actual
73.8	max	
49.8	min	
.053	pcpn	
5	HDD	
2	CDD	
Highest Max		96-1972
Lowest Max		53-1970
Lowest Min		33-1976
Highest Min		68-1934
Greatest pcpn		1.43-1942

Normal	18	Actual
72.7	max	
49.1	min	
.131	pcpn	
5	HDD	
1	CDD	
Highest Max		91-1932
Lowest Max		58-1970
Lowest Min		34-1948
Highest Min		67-1934
Greatest pcpn		2.34-1960

Normal	19	Actual
72.3	max	
47.8	min	
.033	pcpn	
6	HDD	
1	CDD	
Highest Max		90-1927
Lowest Max		50-1972
Lowest Min		31-1976
Highest Min		69-1941
Greatest pcpn		4.98-1983

Normal	20	Actual
73.8	max	
48.8	min	
.089	pcpn	
5	HDD	
2	CDD	
Highest Max		93-1979
Lowest Max		49-1972
Lowest Min		26-1976
Highest Min		72-1979
Greatest pcpn		5.45-1983

Normal	21	Actual
74.5	max	
49.8	min	
.153	pcpn	
4	HDD	
1	CDD	
Highest Max		90-1978
Lowest Max		46-1930
Lowest Min		32-1982
Highest Min		66-1941
Greatest pcpn		3.70-1972

Normal	22	Actual
72.7	max	
50.3	min	
.150	pcpn	
5	HDD	
1	CDD	
Highest Max		85-1927
Lowest Max		42-1936
Lowest Min		39-1928
Highest Min		65-1941
Greatest pcpn		2.16-1953

Normal	23	Actual
70.3	max	
49.4	min	
.038	pcpn	
6	HDD	
1	CDD	
Highest Max		89-1927
Lowest Max		48-1936
Lowest Min		36-1966
Highest Min		67-1934
Greatest pcpn		1.30-1949

Normal	24	Actual
69.9	max	
46.9	min	
.024	pcpn	
7	HDD	
1	CDD	
Highest Max		89-1927
Lowest Max		48-1949
Lowest Min		33-1980
Highest Min		68-1939
Greatest pcpn		.72-1974

Normal	25	Actual
69.5	max	
46.3	min	
.076	pcpn	
7	HDD	
0	CDD	
Highest Max		86-1927
Lowest Max		43-1957
Lowest Min		29-1957
Highest Min		68-1939
Greatest pcpn		1.40-1932

Normal	26	Actual
70.6	max	
45.6	min	
.046	pcpn	
7	HDD	
1	CDD	
Highest Max		88-1977
Lowest Max		42-1936
Lowest Min		26-1957
Highest Min		71-1939
Greatest pcpn		.66-1973

Normal	27	Actual
67.9	max	
45.3	min	
.012	pcpn	
9	HDD	
1	CDD	
Highest Max		84-1950
Lowest Max		46-1936
Lowest Min		22-1957
Highest Min		66-1940
Greatest pcpn		3.19-1984

Normal	28	Actual
67.7	max	
44.8	min	
.088	pcpn	
9	HDD	
1	CDD	
Highest Max		87-1950
Lowest Max		47-1980
Lowest Min		31-1957
Highest Min		65-1961
Greatest pcpn		.99-1974

Normal	29	Actual
69.3	max	
46.2	min	
.065	pcpn	
8	HDD	
1	CDD	
Highest Max		88-1950
Lowest Max		45-1928
Lowest Min		28-1980
Highest Min		67-1961
Greatest pcpn		1.61-1941

Normal	30	Actual
69.6	max	
45.7	min	
.244	pcpn	
8	HDD	
1	CDD	
Highest Max		86-1968
Lowest Max		47-1967
Lowest Min		28-1980
Highest Min		66-1977
Greatest pcpn		2.84-1974

Normal	31	Actual
66.1	max	
46.0	min	
.091	pcpn	
9	HDD	
1	CDD	
Highest Max		84-1950
Lowest Max		40-1941
Lowest Min		30-1949
Highest Min		64-1950
Greatest pcpn		.48-1935