

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 APRIL 1986

April temperatures were slightly greater than normal Statewide in 1986. The northeast corner of the State had the greatest deviation from normal with the monthly average temperature 2.4 degrees above normal. April temperatures in southeastern Oklahoma were closer to normal than any other region. This area, Climate Division 9, also received the greatest monthly precipitation in the State, 2.54 inches above normal. In general, precipitation amounts were above normal in the southeastern half of the State, and slightly below average elsewhere.

The month began very wet as a series of thunderstorms, some severe, lashed the State. On April 3, 28 counties reported hail. Large rainfall accumulations in the southern part of Oklahoma prompted a flash flood warning for Bryan County. Durant reported nearly 5 inches of rain. Other rainfall reports on the 3rd in the area included Broken Bow 2.52 inches and Carter Mountain 2.1 inches. Figure 1 is a plot of rainfall accumulations for the first five days of the month for selected stations Statewide.

On the 7th, a dryline moving eastward across the State and a cold front entering Oklahoma from Kansas created the conditions necessary to produce a tornado which struck near Adair. Damage in Mayes County included a toppled silo, destroyed barns, and two badly damaged houses. Nearby, Pensacola reported softball size hail and Colcord received 1 inch diameter hail.

More severe storms developed on the 13th. Small hail fell in Noble, Payne, and Garfield counties while some hailstones reached golfball size at Stillwater where winds destroyed several mobile homes. A storm accompanied by a possible tornado struck Broken Arrow leaving a mile long damage path of destroyed mobile homes, numerous

damaged houses and apartments, and downed power lines. The damage to Broken Arrow alone was estimated to be \$2 million. The rebuilding process provided the potential for several months of work for area general contractors who had previously reported slow business. Since the storm, one contractor hired four additional laborers to meet the new influx of demands. Similarly, a more damaging hailstorm on March 31, 1986 resulted in an injection of an estimated \$10 million into the Woodward community, with some \$750,000 sales tax revenue.

Another round of storms battered Oklahoma on the 17th. Elk City received wind gusts of nearly 60 mph, pea size hail and .52 inches of rain. Lawton recorded .49 inches and Frederick .70 inches. Farther east, rainfall reports included McAlester .19 inches, Wetumka 1.15 inches, and Antlers .41 inches.

Two days later, some areas of southeastern Oklahoma received more than 3 inches of rain resulting in high waters which swept a truck into upper Long Creek near Messer. No other flood damage was reported.

More storms delivered rain and hail to much of western Oklahoma on the 26th. A possible tornado was reported in eastern Kiowa County. Jackson County reported marble size hail, while rainfall reports included Kingfisher Creek 1.58 inches, Meeker .76 inches, McAlester 1.54 inches, Altus Dam .82 inches and Cordell 1.07 inches.

Temperatures rose at month's end when several stations Statewide experienced daily high temperatures in the 80's on the 28th, and some stations reporting readings in the 90's on the 29th. Oklahoma City's 85 degree reading on the 28th, for example, was 13 degrees higher than its 30 year average high temperature for that date.

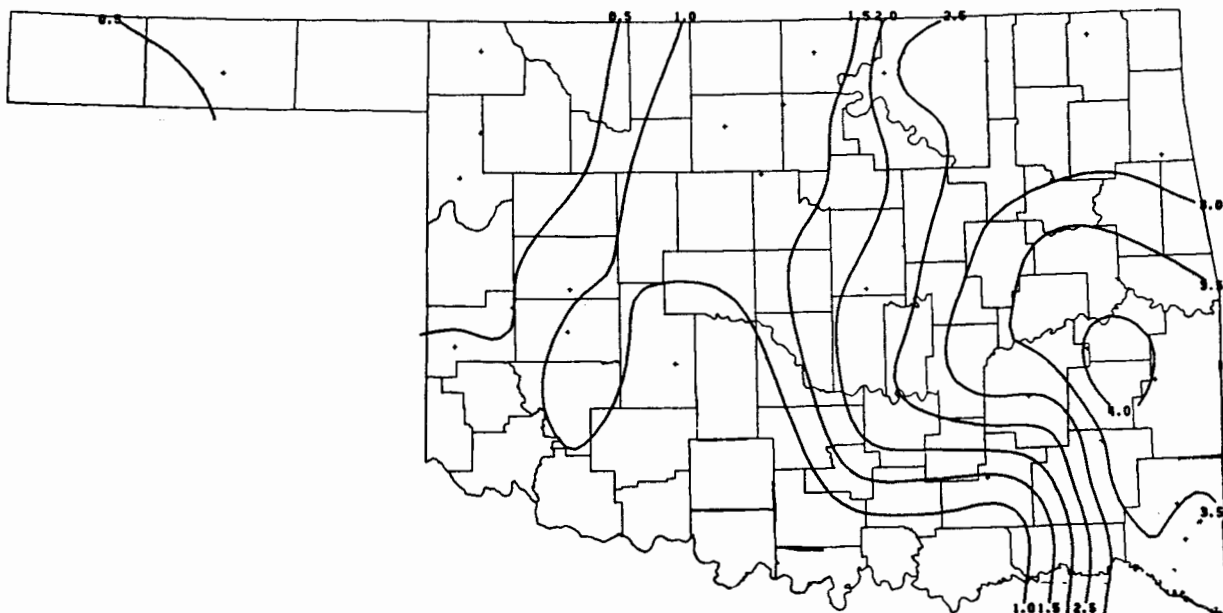


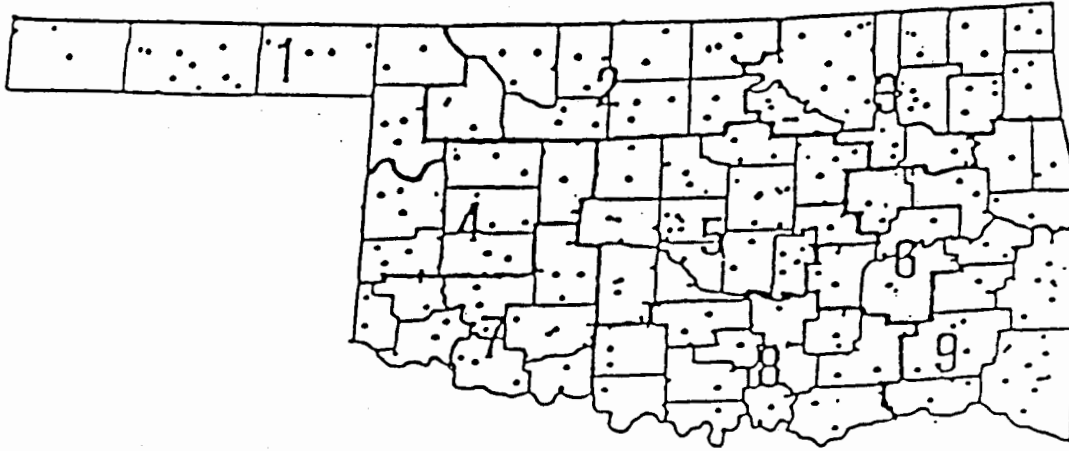
Figure 1. Rainfall Totals for April 1 - April 5, 1986.

TABLE OF 1985/1986 APRIL COMPARISONS

Station	April Temperatures (F)		April Precipitation (in.)	
	1985	1986	1985	1986
Goodwell	57.5	57.6	2.907	1.371
Lahoma	59.4	58.7	4.871	1.950
Mutual	59.2	59.5	2.260	.660
Tulsa	63.8	62.7	5.273	5.022
Elk City	61.3	62.4	1.544	1.975
Oklahoma City	62.9	63.0	5.352	4.412
McAlester	63.5	63.6	4.882	8.112
Altus Irr St	64.2	65.4	3.100	2.151
Durant	65.2	*	6.000	*
Ada	63.5	63.3	4.522	2.721
Tuskahoma	64.0	64.4	7.081	7.302

APRIL EXTREMES

Variable	Station	Division	Observation	Date
Minimum temperature (F)	Battiest	9	18	23
Maximum temperature (F)	Buffalo	1	97	23
Maximum 24-hour precipitation	Jadie Tw	9	5.21"	4



### 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 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 degree. Missing observations may result in an artificially high or low value. For June, CDD would be calculated as:

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.

### APRIL 1986 SUMMARY FOR NORTHWEST DIVISION (CD1)

NAME	ID	DIV	DEV				MIN	DAY	TEMP	DAY	HEAT DEG	DEV FROM	COOL DEG	DEV FROM	TOT PPT	NUM OBS	DEV FROM	MAX	24-HR DAY
			MEAN TEMP	NUM OBS	FROM	MAX													
ARNETT	332	1	59.9	29	2.5	91.	24	31.	14	187.5	-60.5	40.0	20.0	.692	30	-1.09	.67	27	
BOISE CITY	908	1	59.1	30	4.7	89.	29	24.	14	202.5	-123.5	25.0	17.0	.550	30	-.80	.50	27	
BUFFALO	1243	1	61.3	29	1.6	97.	23	28.	16	149.0	-45.0	43.0	8.0	1.880	30	-.19	.77	27	
FARGO	3070	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.900	30	-.93	.80	27	
GAGE	3407	1	60.9	28	3.4	90.	29	31.	14	173.5	-69.5	59.0	41.0	.675	27	-1.18	.63	27	
GATE	3489	1	60.9	28	999.0	94.	28	34.	4	168.0	9999.0	54.5	9999.0	.900	29	99.99	.50	26	
GOODWELL RES. STA.	3628	1	57.6	29	1.7	91.	29	28.	14	242.5	-47.5	27.5	10.5	1.371	30	.26	.65	27	
GUYMON	3835	1	59.2	30	999.0	93.	29	29.	14	220.5	9999.0	46.0	9999.0	1.043	30	99.99	.41	27	
HOOKEE	4298	1	58.2	30	1.9	92.	30	29.	15	240.0	-34.0	35.0	22.0	.520	30	-.67	.37	27	
KENTON	4766	1	56.6	29	2.2	90.	29	25.	14	260.5	-67.5	15.5	5.5	.020	30	-1.27	.02	3	
LAVERNE	5045	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.364	30	-.17	.64	2	
REGNIER	7534	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.500	30	-.61	.42	27	
TURPIN	9017	1	59.1	30	999.0	95.	30	30.	14	216.0	9999.0	39.5	9999.0	.600	31	99.99	.31	27	

### APRIL 1986 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)

NAME	ID	DIV	DEV				MIN	DAY	TEMP	DAY	HEAT DEG	DEV FROM	COOL DEG	DEV FROM	TOT PPT	NUM OBS	DEV FROM	MAX	24-HR DAY
			MEAN TEMP	NUM OBS	FROM	MAX													
ALVA	194	2	61.2	30	2.3	91.	29	30.	16	171.0	-43.0	56.5	25.5	1.350	30	-1.08	.67	1	
BILLINGS	755	2	59.7	29	999.0	88.	26	31.	16	194.0	9999.0	39.0	9999.0	3.100	30	.18	.86	3	
BLACKWELL ZE	818	2	61.3	29	999.0	89.	23	34.	22	143.5	9999.0	37.5	9999.0	3.463	30	99.99	1.15	1	
BRAMAN	1075	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.051	30	99.99	1.10	1	
CEDARDALE	1620	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.901	30	99.99	.51	1	
ENID	2912	2	62.8	30	2.4	89.	24	35.	16	135.5	-42.5	69.5	29.5	2.830	30	.05	.84	3	
FORT SUPPLY DAM	3304	2	60.1	29	1.1	91.	24	31.	15	192.5	-23.5	49.0	13.0	1.860	30	.27	1.10	27	
FREEDOM	3358	2	61.8	30	999.0	92.	24	32.	16	163.5	9999.0	69.0	9999.0	2.750	30	99.99	1.75	7	
GREAT SALT PL DAM	3740	2	60.3	29	999.0	93.	24	34.	16	177.5	9999.0	41.5	9999.0	1.380	30	-1.27	.42	1	
HARDY	3909	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.643	30	99.99	1.27	3	
HELENA ISSE	4019	2	60.0	29	999.0	90.	24	31.	16	181.0	9999.0	36.0	9999.0	1.063	30	-1.51	.32	17	
JEFFERSON	4573	2	62.6	30	3.0	92.	24	30.	16	152.5	-45.5	81.5	45.5	2.121	30	-.65	.75	26	
LAMONT	5013	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.330	30	99.99	.60	27	
MEDFORD	5768	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.751	30	99.99	.64	26	
MORRISON	6065	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.281	30	99.99	2.00	3	
MUTUAL	6139	2	59.5	26	1.3	92.	24	33.	16	175.0	-55.0	31.5	5.5	.680	28	-1.77	.26	1	
NEWKIRK	6278	2	61.9	30	2.4	87.	24	34.	15	146.5	-57.5	54.5	15.5	4.131	30	1.18	1.54	1	
ORIENTA	6751	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.850	30	99.99	.40	27	
PERRY	7012	2	62.2	30	.7	90.	7	30.	16	151.0	-6.0	68.0	16.0	4.321	30	1.62	.79	27	
REDROCK INNE	7505	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.960	30	1.17	.73	4	
RENFROW	7556	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.780	30	-.78	.67	27	
WAYNOKA	9404	2	61.4	30	1.1	94.	24	30.	16	169.5	-7.5	61.0	25.0	.610	30	-1.57	.41	27	
WOODWARD	9760	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.792	30	-1.21	.38	27	
LOHOMA AG	4950	2	58.7	29	999.0	91.	24	31.	16	199.0	9999.0	17.0	9999.0	1.950	30	99.99	.96	27	
PONCA CITY	7201	2	62.2	29	3.6	89.	24	36.	16	149.5	-73.5	67.5	36.5	4.713	30	1.81	1.01	3	

Note: 9999.0, 999.0, 99.99 indicate missing records.

Trace = .001

APRIL 1986 SUMMARY FOR NORTHEAST DIVISION (CD3)

NAME	ID	DIV	DEV						HEAT		DEV		COOL		DEV		TOT	NUM	FROM	MAX	24-HR	DAY
			MEAN	NUM	FROM	MAX	MIN	DAY	DEG	FROM	DEG	FROM	DEG	FROM	DEG	FROM						
BARNSDALL	535	3	62.5	30	999.0	87.	7	33.	22	133.5	9999.0	57.5	9999.0	4.461	30	1.17	1.12	3				
BARTLESVILLE	548	3	63.2	30	2.4	88.	7	31.	22	129.0	-42.0	74.5	29.5	4.442	30	1.12	1.37	4				
BIXBY	782	3	61.7	26	1.1	86.	7	37.	22	117.5	-50.5	32.0	-4.0	5.311	30	1.40	1.43	4				
BURBANK	1256	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.350	30	99.99	1.38	3				
CHELSEA	1717	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.370	30	99.99	1.33	4				
CLAREMORE	1828	3	61.1	29	1.2	85.	7	35.	22	150.0	-37.0	37.5	3.5	4.741	30	.98	1.46	4				
CLEVELAND	1902	3	61.9	25	999.0	86.	24	37.	22	121.0	9999.0	43.5	9999.0	3.550	30	99.99	.92	4				
FORAKER	3250	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.630	30	1.50	1.64	3				
HOLLOW	4250	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.021	30	1.30	1.55	4				
HOMINY	4289	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.430	30	.31	.97	4				
HULAH DAM	4393	3	57.7	13	-1.5	87.	24	32.	22	104.5	-98.5	9.5	-19.5	4.720	31	1.56	1.30	1				
KANSAS	4672	3	61.6	30	999.0	83.	7	31.	22	146.0	9999.0	43.0	9999.0	7.803	30	99.99	1.70	4				
KEYSTONE DAM	4812	3	61.5	29	999.0	89.	7	34.	22	147.5	9999.0	46.5	9999.0	13.370	30	99.99	7.84	4				
LENAPAH	5118	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.740	30	99.99	1.12	4				
MANNFORD	5522	3	63.0	29	999.0	90.	7	34.	16	116.5	9999.0	59.0	9999.0	4.180	30	99.99	1.17	18				
MARAMEC	5540	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.890	30	.90	1.00	4				
MIAMI	5855	3	59.5	29	-.6	86.	24	29.	21	190.5	4.5	30.5	-8.5	7.500	30	3.06	2.37	7				
NOWATA	6485	3	62.1	30	2.2	85.	7	33.	22	145.5	-48.5	58.0	17.0	4.881	30	1.38	1.45	4				
ONETA	6713	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.560	30	99.99	1.42	4				
PAWUSKA	6937	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.110	30	99.99	.96	4				
PAWNEE	6940	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.040	30	1.07	1.30	3				
PRYOR	7309	3	59.4	29	-.6	84.	7	27.	17	184.5	-11.5	22.0	-24.0	5.912	30	2.01	1.54	4				
QUAPAW	7358	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.701	30	2.72	2.14	8				
RALSTON	7390	3	63.8	30	999.0	88.	24	35.	16	113.0	9999.0	78.5	9999.0	4.500	30	1.53	1.47	3				
RAMONA	7394	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.530	30	99.99	1.33	4				
SKIATOOK	8258	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.920	30	1.45	1.36	3				
SPAVINAW	8380	3	62.7	30	999.0	84.	7	31.	22	132.5	9999.0	63.5	9999.0	7.111	30	3.03	2.23	8				
SPAVINAW LAKE AG	8382	3	62.7	30	999.0	84.	8	34.	17	124.0	9999.0	53.5	9999.0	7.111	30	99.99	2.23	8				
STILWELL	8506	3	61.5	30	999.0	82.	24	32.	22	146.0	9999.0	41.0	9999.0	9.503	30	4.79	1.78	5				
TULSA	8992	3	62.7	30	1.8	86.	7	37.	22	134.5	-33.5	65.5	20.5	5.022	30	.87	1.32	18				
ER SPAVINAW	9101	3	65.2	29	999.0	90.	28	35.	22	87.5	9999.0	93.5	9999.0	9.072	30	99.99	3.36	8				
VINITA	9203	3	61.3	30	1.6	83.	25	30.	22	158.5	-30.5	48.5	18.5	5.080	30	1.01	1.53	4				
WAGNER	9247	3	63.2	30	1.6	85.	7	35.	22	122.5	-27.5	68.5	20.5	5.362	30	.69	1.82	4				
WANN	9298	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.070	30	99.99	1.06	4				
WYNONA	9792	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.595	30	99.99	.75	4				

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

### APRIL 1986 SUMMARY FOR WEST CENTRAL DIVISION (CD4)

NAME	ID	DIV	DEV				HEAT		DEV		COOL		DEV		TOT PPT	NUM OBS	FROM NORM	MAX 24-HR DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	DEG DAY	FROM NORM	DEG DAY	FROM NORM	DEG DAY	FROM NORM						
CANTON DAM	1445	4	60.2	29	.1	90.	24	35.	16	171.0	-21.0	32.5	-12.5	1.680	30	-.61	1.02	27
CLINTON	1909	4	64.4	30	3.8	91.	24	35.	15	97.5	-81.5	78.5	31.5	2.661	30	.27	1.04	27
COLONY	2039	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.861	30	99.99	1.68	20
CORDELL	2125	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.012	30	.82	1.33	3
ELK CITY	2849	4	62.4	30	999.0	88.	29	36.	15	131.0	9999.0	54.0	9999.0	1.875	30	-.33	.64	27
ERICK	2944	4	62.2	29	1.8	91.	29	37.	16	141.0	-37.0	61.0	21.0	1.503	30	-.70	.62	27
GEARY	3497	4	62.1	29	1.4	87.	25	36.	15	130.0	-42.0	45.5	2.5	3.070	30	.61	1.42	27
HAMMON	3871	4	59.9	29	-.4	90.	29	34.	16	169.5	-13.5	21.5	-20.5	1.790	30	-.43	.75	27
LEEDEY	5090	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.501	30	-2.00	.50	27
MORAVIA	6035	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.060	30	-.03	1.07	27
OKEENE	6629	4	63.5	30	2.5	91.	25	34.	15	129.5	-30.5	83.5	35.5	2.250	30	-.08	.97	27
RETROP	7565	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.970	30	99.99	1.62	27
SAYRE	7952	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.320	30	-.73	.55	27
TALOGA	8708	4	63.0	30	3.7	91.	25	34.	16	126.0	-75.0	65.5	35.5	.931	30	-1.51	.65	27
SWEETWATER	8652	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.700	30	99.99	.26	17
THOMAS	8815	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.021	30	99.99	1.70	27
VICI	9172	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.792	27	99.99	.23	27
WATANGA	9364	4	62.1	30	999.0	88.	24	34.	16	140.0	9999.0	52.5	9999.0	2.751	30	.33	1.06	27
WEATHERFORD	9422	4	62.1	29	1.3	89.	24	37.	16	129.0	-39.0	45.5	3.5	2.693	30	.46	1.15	27

Note: 9999.0, 999.0, 99.99 indicate missing records.

Trace = .001



### APRIL 1986 SUMMARY FOR CENTRAL DIVISION (CD5)

NAME	ID	DIV	DEV				HEAT		DEV		COOL		DEV		TOT PPT	NUM OBS	FROM NORM	MAX	24-HR DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	DEG DAY	FROM NORM	DEG DAY	FROM NORM	DEG DAY	FROM NORM	DEG DAY						
AMBER	200	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	3.330	30	99.99	.97	20	
ARCADIA	288	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	3.850	30	99.99	1.50	4	
TINKER AFB	325	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	4.064	29	99.99	1.99	4	
BLANCHARD	830	5	63.6	30	999.0	85.0	7	34.0	12	115.5	9999.0	73.0	9999.0	4.256	30	99.99	1.81	4	
BRISTOW	1144	5	64.0	30	2.1	89.0	7	36.0	16	103.5	-52.5	73.0	10.0	4.471	30	.92	1.20	3	
CHANDLER	1684	5	63.9	30	1.9	87.0	7	37.0	16	107.5	-33.5	75.0	24.0	3.490	30	.27	1.49	3	
CHICKASHA EXPO ST	1750	5	63.6	30	1.3	86.0	24	35.0	16	115.0	-27.0	73.0	12.0	3.721	30	.88	1.70	27	
COX CITY	2196	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	4.140	30	99.99	1.30	3	
CRESCENT	2242	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	3.381	30	99.99	.76	3	
CUSHING	2318	5	60.0	28	-4.0	86.0	7	38.0	22	150.0	-19.0	10.0	-21.0	4.290	29	1.11	1.00	17	
EL RENO	2818	5	60.9	30	.4	87.0	7	34.0	17	152.5	-25.5	29.0	-14.0	2.510	30	-.07	.90	27	
GUTHRIE	3821	5	64.6	30	3.4	87.0	24	39.0	16	96.5	-67.5	84.0	34.0	4.580	30	1.98	1.49	3	
HENNESSEY	4055	5	62.1	30	1.9	91.0	24	32.0	16	153.0	-31.0	67.0	27.0	2.862	30	.48	1.09	27	
INGALLS	4489	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	3.823	31	99.99	1.05	4	
KINGFISHER	4861	5	63.4	29	2.6	90.0	24	33.0	2	117.5	-56.5	70.0	22.0	2.990	30	.57	1.58	27	
KINGFISHER CREEK	4862	5	62.5	29	999.0	90.0	23	34.0	16	121.0	9999.0	48.5	9999.0	2.990	30	99.99	1.58	27	
UN. JOHNS CREEK	4864	5	62.5	29	999.0	90.0	23	34.0	16	121.0	9999.0	48.5	9999.0	2.990	30	99.99	1.58	27	
KONAWA	4915	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	4.760	30	.64	2.17	4	
MARSHALL	5589	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	2.700	30	.40	1.13	27	
MEEKER	5779	5	62.4	30	1.1	86.0	7	35.0	16	135.5	-22.5	58.0	11.0	3.620	30	.06	1.14	3	
MULHALL	6110	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	4.591	30	99.99	1.05	3	
NORMAN	6386	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	3.622	30	.32	1.35	4	
OILTON	6616	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	4.060	28	99.99	1.36	18	
OKEMAH	6638	5	63.7	29	1.9	86.0	7	40.0	22	98.0	-38.0	60.5	20.5	6.000	30	1.90	2.15	4	
PERKINS	7003	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	4.410	30	1.77	1.39	4	
PIEDMONT	7060	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	2.811	30	99.99	1.00	3	
OKLAHOMA CITY	6661	5	63.0	30	2.8	86.0	7	38.0	16	123.5	-60.5	64.5	24.5	4.412	30	1.50	1.29	4	
PRAGUE	7264	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	5.730	31	1.86	1.50	28	
PURCELL	7327	5	63.8	30	2.1	86.0	7	38.0	16	103.5	-50.5	69.0	14.0	4.102	30	.81	1.70	4	
SEMINOLE	8042	5	65.3	30	2.1	87.0	6	40.0	16	72.0	-60.0	82.0	4.0	6.450	30	2.36	1.90	4	
SHAWNEE	8110	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	4.950	30	1.08	1.46	28	
STELLA	8479	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	4.200	30	99.99	1.76	4	
STILLWATER	8501	5	60.4	29	.0	88.0	7	34.0	16	169.0	-14.0	37.0	-8.0	3.691	30	1.11	1.57	4	
STROUD	8563	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	3.880	30	99.99	1.12	4	
TECUMSEH	8751	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	5.661	30	99.99	1.64	4	
TROUSDALE	8960	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	3.790	30	99.99	1.54	4	
UNION CITY	9086	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	3.152	30	-.18	.91	20	
WELTY	9479	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	5.860	30	99.99	1.25	4	
WENOKA	9575	5	999.0	0	999.0	999.0	0	999.0	0	999.0	9999.0	999.0	9999.0	6.882	30	3.11	1.57	4	

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

APRIL 1986 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

NAME	ID	DIV	DEV				HEAT		DEV		COOL		DEV		TOT PPT	NUM OBS	FROM NORM	MAX 24-HR	DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	DEG DAY	FROM NORM	DEG DAY	FROM NORM	DEG DAY	FROM NORM							
NCALESTER	5664	6	63.6	30	1.7	85.	7	37.	16	108.0	-36.0	67.0	16.0	8.112	30	3.57	1.54	27	
ASHLAND	364	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.400	30	99.99	1.20	20	
BEGGS	631	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.370	30	99.99	1.64	4	
BOYNTON	1027	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.442	30	99.99	1.46	20	
CALVIN	1391	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.831	30	-6.0	1.38	20	
CHECOTAH	1711	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.291	30	.70	1.34	3	
CLAYTON	1858	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.613	26	99.99	2.52	20	
DEWAR	2485	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.891	30	1.61	1.08	28	
DUSTIN	2690	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.250	30	99.99	1.07	18	
EUFAULA	2993	6	64.4	30	999.0	86.	7	43.	22	86.0	9999.0	69.5	9999.0	6.460	30	1.78	1.33	4	
HANNA	3884	6	63.6	30	999.0	85.	7	37.	16	104.0	9999.0	61.0	9999.0	5.111	30	.67	1.07	20	
HARTSHORNE	3946	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	8.350	30	99.99	2.19	5	
HASKELL	3956	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.090	30	-0.02	1.07	20	
HOLDENVILLE	4235	6	63.1	30	.9	86.	7	39.	16	114.5	-16.5	57.5	10.5	4.550	30	.18	1.15	4	
LYONS	5437	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	8.050	30	3.32	1.95	19	
MCCURTAIN	5693	6	64.2	30	999.0	87.	7	37.	22	102.5	9999.0	77.5	9999.0	7.141	30	2.37	1.87	20	
MUSKOGEE	6130	6	63.8	30	1.8	86.	7	37.	22	109.0	-29.0	74.5	26.5	6.420	30	1.84	1.68	3	
OKMULGEE WATER WORKS	6670	6	61.7	30	-6	87.	7	35.	16	138.0	7.0	39.0	-11.0	5.560	30	1.04	1.80	3	
OKTAHA	6678	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.310	30	99.99	1.43	4	
QUINTON	7372	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	9.521	30	5.19	3.37	4	
ONETA	6713	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.560	30	99.99	1.42	4	
SALLISAW	7862	6	63.5	30	1.3	85.	8	36.	22	100.0	-30.0	54.5	8.5	6.810	30	2.34	1.50	4	
SCIPIO	7979	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.000	30	99.99	1.10	20	
SCRAPER	7993	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.340	30	99.99	1.60	4	
SHORT	8170	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	8.182	30	99.99	1.96	20	
TAHLEQUAH	8677	6	62.3	30	1.2	84.	7	31.	22	140.0	-23.0	60.0	14.0	5.660	30	1.10	1.35	4	
WEBBERS FALLS	9445	6	62.7	29	2.1	86.	7	38.	22	117.0	-54.0	51.0	12.0	7.361	30	2.76	1.57	5	
WESTVILLE	9523	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	8.660	30	99.99	1.63	4	
WETUMKA	9571	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	8.273	30	3.90	1.61	3	

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

### APRIL 1986 SUMMARY FOR SOUTHWEST DIVISION (CD7)

NAME	ID	DIV	DEV				HEAT		DEV		COOL		DEV		TOT PPT	NUM OBS	DEV	
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN DAY	DEG DAY	FROM NORM	DEG DAY	FROM NORM	DEG DAY	FROM NORM	MAX 24-HR			DAY	
ALTUS IRR STA	179	7	66.1	30	2.8	95.	13	40.	22	81.0	-43.0	114.5	41.5	2.150	30	.12	.75	19
ALTUS DAM	184	7	63.1	29	999.0	91.	13	42.	14	108.5	9999.0	54.0	9999.0	2.671	30	.69	.82	27
ANADARKO	224	7	62.8	27	.8	87.	7	32.	16	106.0	-36.0	46.5	-5.5	2.301	30	-.29	.95	20
ALTUS AFB	447	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.364	30	99.99	.72	27
CARNEGIE	1504	7	64.7	30	2.9	88.	24	35.	16	99.5	-50.5	89.0	35.0	3.340	30	.92	1.73	27
CHATTANOOGA	1706	7	64.8	30	2.0	89.	29	41.	28	77.0	-52.0	72.5	9.5	3.451	30	.97	.98	20
DUNCAN	2668	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.562	30	99.99	.84	20
FLETCHER	3191	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.270	30	99.99	1.34	20
FREDERICK	3353	7	64.9	29	.5	92.	24	43.	20	86.0	-19.0	82.0	-5.0	2.322	30	.00	1.21	27
GRANDFIELD	3709	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.470	30	.05	.85	27
HOLLIS	4249	7	65.8	30	2.6	94.	29	37.	4	83.0	-39.0	108.5	40.5	2.151	30	-.05	.86	27
HOBART	4204	7	64.9	30	4.6	90.	24	36.	15	94.5	-85.5	91.5	52.5	2.052	30	-.19	.77	3
FORT SILL	5060	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.462	30	1.05	.79	20
LAWTON	5063	7	62.4	22	-.3	88.	29	40.	17	94.0	-33.0	37.5	-20.5	3.251	28	.84	1.28	27
LOCO	5247	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.065	30	99.99	1.07	20
LOOKESA	5329	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.080	30	99.99	1.19	27
MANGUM RS ST	5509	7	65.7	30	3.0	94.	13	38.	15	75.0	-65.0	95.0	24.0	2.050	30	.16	.62	2
RANDLETT	7403	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.552	30	99.99	1.25	30
ROOSEVELT	7727	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.570	30	1.32	1.76	27
SNYDER	8299	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.952	30	-.10	.89	20
VINSON	9212	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.050	30	-.02	.61	20
WALTERS	9278	7	66.0	30	2.4	87.	29	41.	16	66.0	-58.0	96.5	14.5	3.020	30	.19	.80	19
WICHITA MT WL REF	9629	7	60.7	29	-1.1	89.	7	37.	13	162.0	14.0	36.0	-16.0	2.230	30	-.22	1.03	20
WILLOW	9668	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.060	30	99.99	2.45	27

Note: 9999.0, 999.0, 99.99 indicate missing records.

Trace = .001

### APRIL 1986 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

NAME	ID	DIV	DEV				HEAT		DEV		COOL		DEV		TOT PPT	NUM OBS	DEV		24-HR DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN TEMP	DAY	DEG	FROM NORM	DAY	DEG	FROM NORM	FROM NORM			MAX		
ADA	17	8	63.3	30	.8	85.	7	37.	16	103.5	-27.5	51.5	-4.5	2.721	30	-1.05	1.10	20	
ALLEN	147	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.410	30	99.99	1.05	19	
ARDMORE	292	8	65.7	30	.5	85.	7	43.	15	62.0	-19.0	83.0	-4.0	2.310	30	-1.56	.43	27	
ATOKA DAM	394	8	63.8	29	999.0	86.	7	42.	29	94.5	9999.0	60.0	9999.0	4.440	30	99.99	2.00	21	
BOKCHITO	917	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	7.510	30	99.99	3.00	7	
CANEY	1437	8	64.9	28	999.0	82.	6	45.	28	54.0	9999.0	51.0	9999.0	4.820	30	99.99	2.20	20	
CENTRAHOMA	1648	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.520	30	99.99	1.75	20	
CHICKASAW NRA	1745	8	63.3	29	999.0	87.	7	35.	16	104.5	9999.0	54.5	9999.0	3.872	30	99.99	1.28	20	
COMANCHE	2054	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.201	30	99.99	1.67	20	
DAISY	2354	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.833	30	1.40	3.01	20	
DUNCAN	2660	8	64.0	29	.3	86.	7	44.	20	84.0	-28.0	54.0	-19.0	5.780	30	3.07	2.03	4	
DURANT USDA	2678	8	64.6	28	999.0	85.	7	40.	17	79.0	9999.0	68.5	9999.0	5.240	30	.70	4.18	21	
ELMORE CITY	2872	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.552	30	99.99	1.40	27	
FARRIS	3083	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.220	30	99.99	2.16	20	
GRADY	3688	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.300	30	99.99	3.08	20	
HEALDTON	4001	8	65.4	30	999.0	86.	7	38.	16	67.5	9999.0	79.0	9999.0	2.931	30	-5.2	1.65	20	
HENNEPIN	4052	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.850	30	99.99	1.04	19	
KINGSTON	4865	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	9.600	30	5.50	4.22	20	
LEHIGH	5108	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.986	30	99.99	2.50	5	
LINDSAY	5220	8	63.5	28	999.0	84.	7	37.	16	102.0	9999.0	60.5	9999.0	4.141	28	99.99	1.50	3	
MADILL	5468	8	65.6	30	2.1	86.	7	44.	28	63.5	-43.5	81.0	19.0	7.300	30	2.79	3.90	19	
MARIETTA	5563	8	66.1	30	2.6	86.	7	41.	15	58.0	-52.0	90.0	25.0	4.680	30	.88	2.55	20	
MARLOW	5581	8	64.4	30	999.0	85.	7	38.	15	93.5	9999.0	74.5	9999.0	4.240	30	1.56	2.11	4	
OSWALT	6787	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	7.900	30	99.99	3.00	27	
PAULS VALLEY	6926	8	65.4	30	2.1	86.	8	40.	16	71.0	-47.0	82.5	15.5	3.742	30	.24	1.48	3	
TISHOMINGO	8884	8	64.2	20	999.0	85.	7	38.	16	63.0	9999.0	46.5	9999.0	5.110	26	.50	3.13	20	
TUSSY	9032	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.010	31	99.99	1.76	20	
MAURIKA	9395	8	65.6	30	1.1	85.	29	41.	16	72.0	-32.0	89.0	0.0	2.821	30	-1.14	1.28	20	

Note: 9999.0, 999.0, 99.99 indicate missing records.

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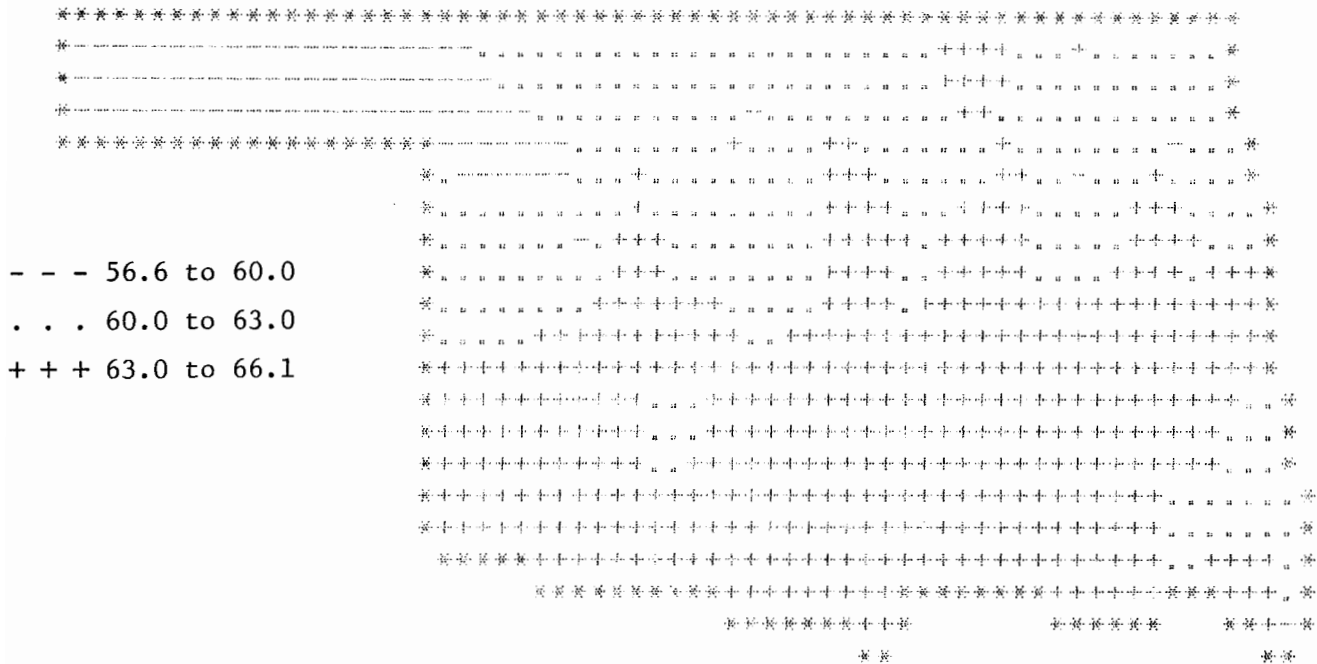
### APRIL 1986 SUMMARY FOR SOUTHEAST DIVISION (CD9)

NAME	ID	DIV	DEV				HEAT		DEV		COOL		DEV		TOT		DEV	
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN DAY	DEGREE DAY	FROM NORM	DEGREE DAY	FROM NORM	DEGREE DAY	PPT	NUM OBS	FROM NORM	MAX 24-HR	DAY	
ANTLERS	256	9	64.2	30	1.6	85.	6	37.	5	83.0	-38.0	58.5	9.5	7.880	30	2.77	4.34	19
BATTIEST	567	9	62.7	30	999.0	83.	24	18.	23	104.5	9999.0	34.5	9999.0	5.010	30	99.99	1.68	20
BEAR MT TW	584	9	61.3	17	999.0	81.	29	41.	28	64.5	9999.0	2.0	9999.0	8.531	30	3.43	2.55	21
BENGAL	670	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	9.571	31	99.99	3.28	20
BOSWELL	980	9	64.0	30	999.0	83.	7	39.	15	86.0	9999.0	57.0	9999.0	6.666	30	4.10	3.45	20
BROKEN BOW	1162	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	7.190	30	1.86	2.52	4
BROKEN BOW DAM	1168	9	62.7	29	999.0	86.	24	38.	16	92.5	9999.0	25.5	9999.0	9.320	30	99.99	2.40	18
BUFFALO MT TOWER	1251	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	9.160	30	99.99	3.59	20
CARNASAW TOWER	1499	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	10.020	30	4.54	3.53	4
CARTER MT	1544	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	7.260	30	2.00	2.10	4
FANSHAW	3065	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	8.110	30	3.11	2.64	20
HEAVENER	4008	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.970	30	1.04	1.95	20
HEE MT TOWER	4017	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.630	30	99.99	1.79	4
HUGO	4364	9	65.2	30	1.1	83.	24	42.	15	64.5	-29.5	71.0	4.0	6.050	30	1.33	2.08	19
IDABEL	4451	9	64.5	29	1.3	85.	25	42.	22	67.5	-40.5	53.0	-1.0	5.152	30	-2.25	3.53	4
JADIE TOWER	4560	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	9.900	30	99.99	5.21	4
POTEAU PUBLIC WORKS	7254	9	63.0	29	999.0	86.	6	36.	21	98.5	9999.0	41.5	9999.0	7.100	30	99.99	2.16	20
SMITHVILLE	8285	9	61.5	30	999.0	82.	7	38.	22	124.5	9999.0	20.0	9999.0	7.580	30	99.99	2.72	19
SOBAL TOWER	8305	9	62.3	30	999.0	82.	6	42.	16	113.0	9999.0	32.0	9999.0	4.420	30	-6.8	1.59	4
SPIRO	8416	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	7.920	30	3.30	3.31	20
TUSKAHOMA AG	9023	9	64.4	30	999.0	84.	7	35.	16	92.5	9999.0	74.0	9999.0	7.302	30	99.99	2.12	20
VALLIANT	9110	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	8.540	30	3.54	2.18	5
WILBURTON	9634	9	64.5	30	2.4	85.	29	39.	22	87.5	-52.5	71.5	18.5	9.053	30	4.00	3.95	4
WISTER DAM	9719	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.791	18	99.99	1.25	4
ZOE	9985	9	62.6	29	999.0	87.	7	32.	22	126.0	9999.0	57.0	9999.0	6.433	30	1.43	3.09	20

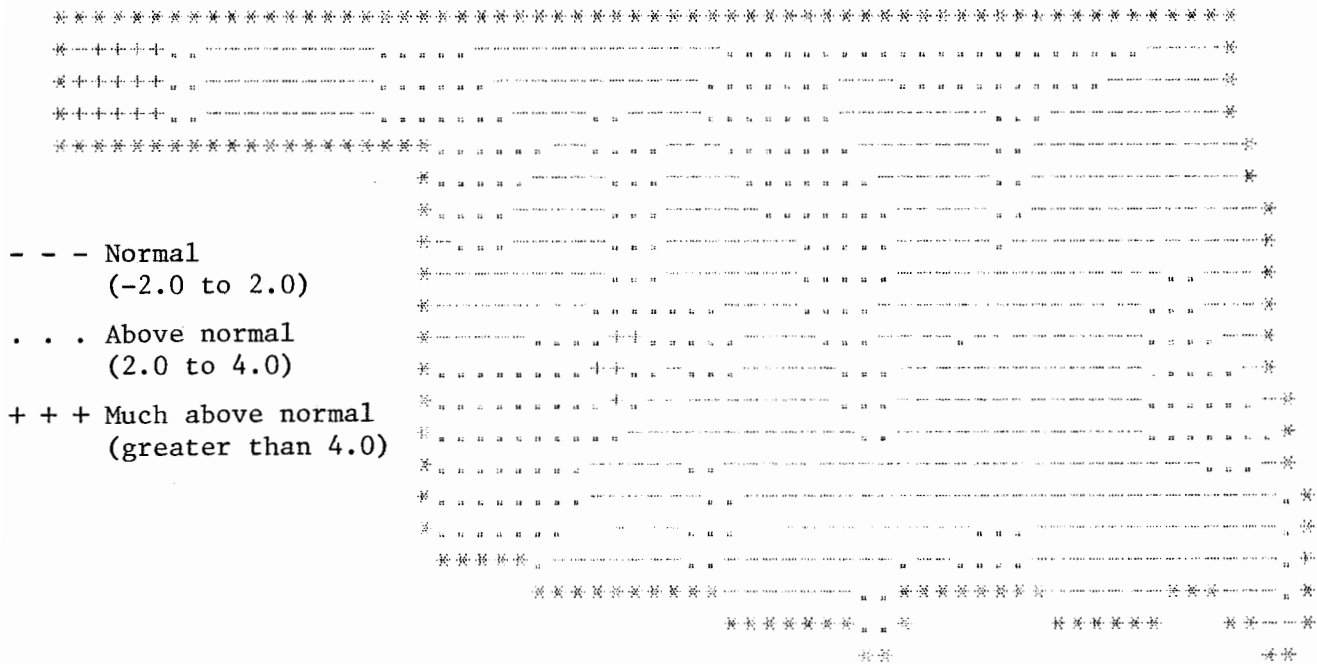
### APRIL 1986 CLIMATE DIVISION SUMMARY

CLIMATE DIV	DEV				HEAT		DEV		COOL		DEV		TOT		DEV	
	MEAN TEMP	NUM STA	FROM NORM	MAX TEMP	MIN DAY	DEGREE DAYS	FROM NORM	DEGREE DAYS	FROM NORM	DEGREE DAYS	PPT	NUM STA	FROM NORM	MAX 24-HR	DAY	
1	59.3	10	2.8	97.0	23	24.0	14	206.0	-65.9	38.5	21.2	.85	13	-6.66	.80	27
2	61.2	14	1.6	94.0	24	30.0	16	166.2	-33.5	53.4	17.1	2.47	25	-0.08	2.00	3
3	62.2	17	1.9	90.0	28	27.0	17	138.9	-42.3	55.4	16.1	5.42	35	1.77	7.84	4
4	62.2	10	1.8	91.0	25	34.0	16	136.4	-43.7	54.0	11.9	2.13	19	-1.16	1.70	27
5	62.9	17	1.7	91.0	24	32.0	16	120.9	-40.2	60.1	10.7	4.14	39	.92	2.17	4
6	63.3	10	1.5	87.0	7	31.0	22	111.9	-32.1	61.2	14.4	6.07	29	1.58	3.37	4
7	64.5	11	1.9	95.0	13	32.0	16	94.4	-41.1	80.5	17.0	2.73	24	.43	2.45	27
8	64.7	14	.9	87.0	7	35.0	16	79.2	-29.8	69.9	-1.4	4.68	28	.84	4.22	20
9	63.5	12	.5	87.0	7	18.0	23	95.0	-20.7	49.6	-6.1	7.57	24	2.52	5.21	4

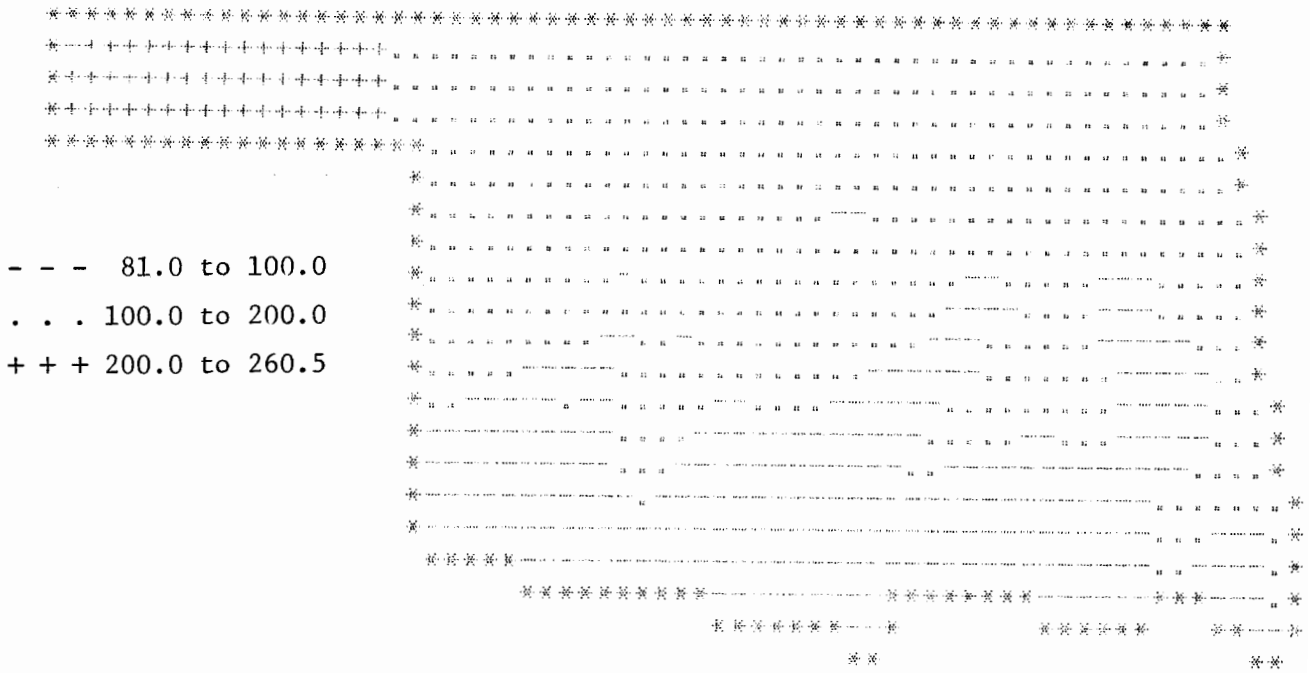
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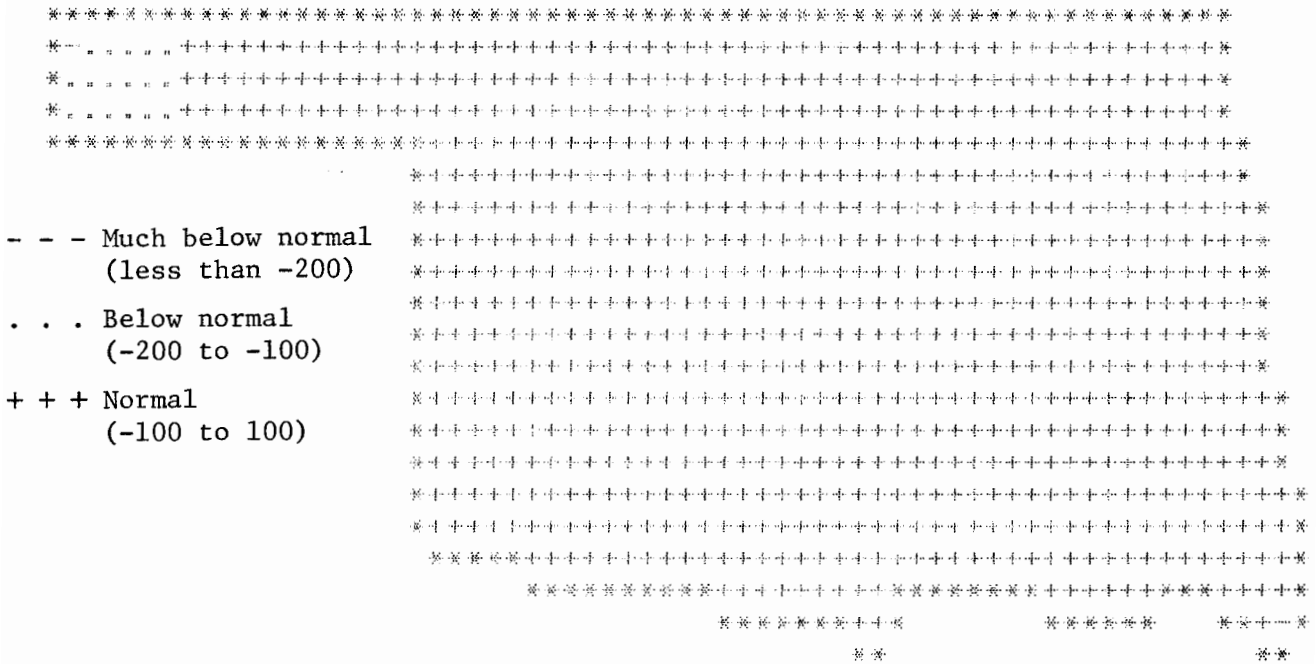
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(DEGREES F)



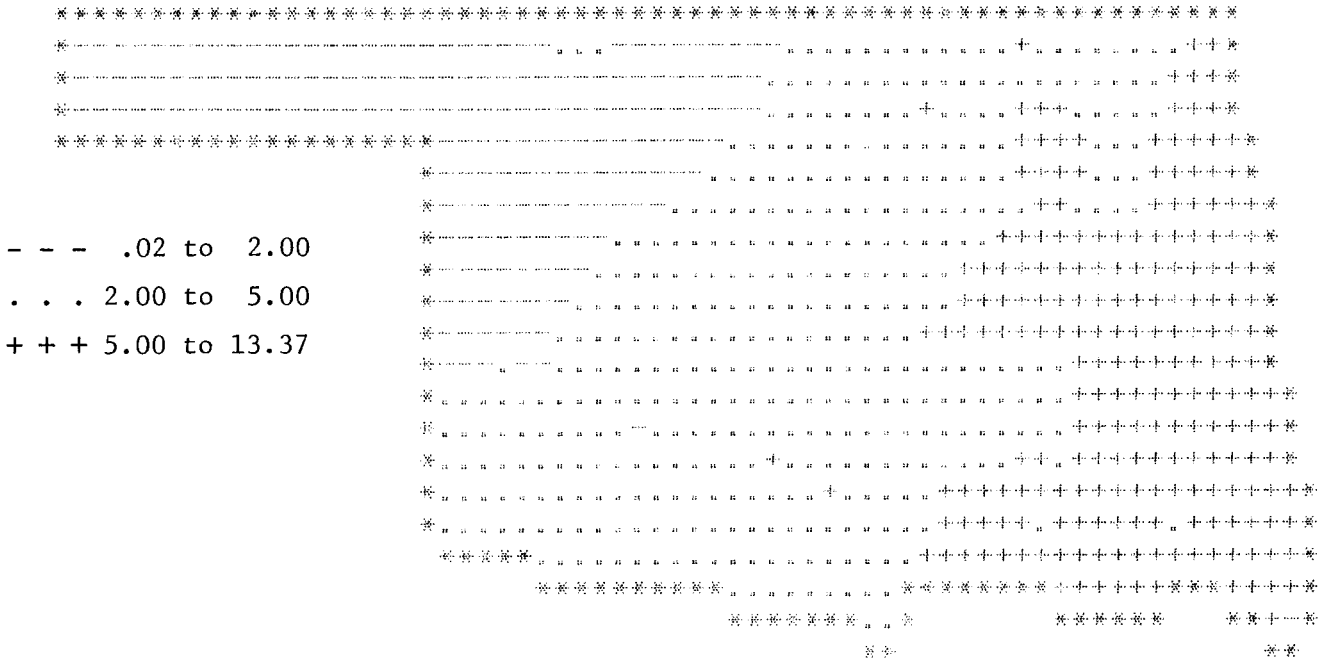
APRIL 1986 DEVIATION FROM NORMAL TEMPERATURE



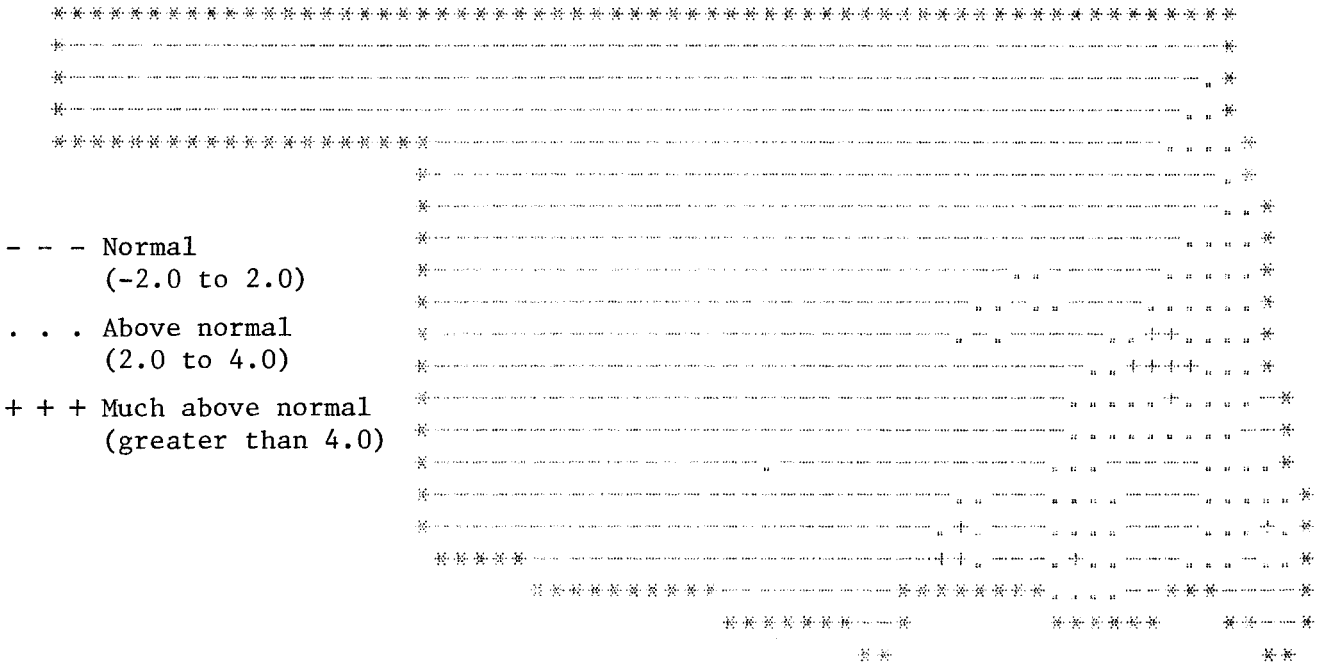
### APRIL 1986 TOTAL HEATING DEGREE DAYS



### APRIL 1986 DEVIATION FROM NORMAL HEATING DEGREE DAYS



### APRIL 1986 TOTAL PRECIPITATION (INCHES)



### APRIL 1986 DEVIATION FROM NORMAL PRECIPITATION



# JUNE 1986 CLIMATE DIVISION

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).

<p><b>1</b></p> <p>Normal 80.0 max 60.9 min .227 pcpn 0 HDD 6 CDD Highest Max 96-1953 Lowest Max 69-1970 Lowest Min 49-1964 Highest Min 75-1943 Greatest pcpn 3.37-1962</p>	<p><b>2</b></p> <p>Normal 80.8 max 60.9 min .227 pcpn 0 HDD 7 CDD Highest Max 94-1953 Lowest Max 61-1946 Lowest Min 52-1969 Highest Min 74-1943 Greatest pcpn 1.66-1973</p>	<p><b>3</b></p> <p>Normal 81.4 max 61.2 min .119 pcpn 0 HDD 7 CDD Highest Max 95-1953 Lowest Max 63-1982 Lowest Min 51-1946 Highest Min 73-1942 Greatest pcpn 6.73-1932</p>	<p><b>4</b></p> <p>Normal 82.8 max 62.3 min .165 pcpn 0 HDD 8 CDD Highest Max 94-1942 Lowest Max 62-1928 Lowest Min 47-1954 Highest Min 75-1933 Greatest pcpn 3.38-1986</p>	<p><b>5</b></p> <p>Normal 83.6 max 63.3 min .102 pcpn 0 HDD 9 CDD Highest Max 98-1933 Lowest Max 72-1950 Lowest Min 52-1928 Highest Min 75-1933 Greatest pcpn 3.72-1985</p>	<p><b>6</b></p> <p>Normal 85.4 max 63.3 min .069 pcpn 0 HDD 10 CDD Highest Max 95-1926 Lowest Max 72-1950 Lowest Min 53-1973 Highest Min 74-1934 Greatest pcpn 3.01-1940</p>	<p><b>7</b></p> <p>Normal 86.3 max 64.2 min .098 pcpn 0 HDD 10 CDD Highest Max 97-1926 Lowest Max 70-1935 Lowest Min 51-1935 Highest Min 78-1980 Greatest pcpn 1.10-1968</p>
<p><b>8</b></p> <p>Normal 86.4 max 65.8 min .254 pcpn 11 HDD 11 CDD Highest Max 98-1981 Lowest Max 72-1938 Lowest Min 56-1977 Highest Min 76-1984 Greatest pcpn 2.60-1974</p>	<p><b>9</b></p> <p>Normal 86.0 max 65.2 min .069 pcpn 0 HDD 11 CDD Highest Max 100-1933 Lowest Max 64-1955 Lowest Min 54-1974 Highest Min 76-1941 Greatest pcpn 1.43-1984</p>	<p><b>10</b></p> <p>Normal 87.0 max 65.0 min .120 pcpn 0 HDD 11 CDD Highest Max 99-1934 Lowest Max 68-1955 Lowest Min 50-1955 Highest Min 75-1953 Greatest pcpn 4.48-1945</p>	<p><b>11</b></p> <p>Normal 87.5 max 66.2 min .095 pcpn 0 HDD 12 CDD Highest Max 98-1929 Lowest Max 73-1940 Lowest Min 51-1955 Highest Min 75-1929 Greatest pcpn 1.61-1951</p>	<p><b>12</b></p> <p>Normal 87.6 max 66.6 min .114 pcpn 0 HDD 12 CDD Highest Max 102-1953 Lowest Max 73-1945 Lowest Min 51-1955 Highest Min 78-1958 Greatest pcpn 4.74-1944</p>	<p><b>13</b></p> <p>Normal 87.8 max 66.9 min .057 pcpn 0 HDD 13 CDD Highest Max 98-1953 Lowest Max 70-1927 Lowest Min 53-1985 Highest Min 78-1958 Greatest pcpn 1.66-1927</p>	<p><b>14</b></p> <p>Normal 88.7 max 67.3 min .206 pcpn 0 HDD 13 CDD Highest Max 105-1953 Lowest Max 62-1927 Lowest Min 51-1947 Highest Min 77-1953 Greatest pcpn 3.95-1929</p>
<p><b>15</b></p> <p>Normal 88.2 max 66.2 min .090 pcpn 13 HDD 13 CDD Highest Max 103-1953 Lowest Max 74-1969 Lowest Min 55-1969 Highest Min 78-1953 Greatest pcpn 3.01-1929</p>	<p><b>16</b></p> <p>Normal 86.9 max 66.4 min .256 pcpn 0 HDD 12 CDD Highest Max 99-1953 Lowest Max 70-1961 Lowest Min 54-1976 Highest Min 77-1953 Greatest pcpn 3.59-1955</p>	<p><b>17</b></p> <p>Normal 87.5 max 66.5 min .089 pcpn 0 HDD 12 CDD Highest Max 97-1936 Lowest Max 69-1963 Lowest Min 57-1945 Highest Min 76-1985 Greatest pcpn 1.85-1975</p>	<p><b>18</b></p> <p>Normal 88.4 max 67.5 min .074 pcpn 0 HDD 13 CDD Highest Max 101-1936 Lowest Max 75-1961 Lowest Min 57-1945 Highest Min 77-1931 Greatest pcpn .93-1957</p>	<p><b>19</b></p> <p>Normal 89.4 max 67.6 min .071 pcpn 0 HDD 14 CDD Highest Max 100-1953 Lowest Max 73-1926 Lowest Min 55-1926 Highest Min 79-1953 Greatest pcpn 1.30-1938</p>	<p><b>20</b></p> <p>Normal 90.1 max 67.4 min .199 pcpn 0 HDD 14 CDD Highest Max 105-1953 Lowest Max 80-1961 Lowest Min 51-1976 Highest Min 76-1942 Greatest pcpn .96-1942</p>	<p><b>21</b></p> <p>Normal 89.5 max 67.8 min .233 pcpn 0 HDD 14 CDD Highest Max 104-1936 Lowest Max 72-1958 Lowest Min 56-1961 Highest Min 78-1936 Greatest pcpn 3.28-1948</p>
<p><b>22</b></p> <p>Normal 90.1 max 68.0 min .146 pcpn 0 HDD 14 CDD Highest Max 107-1936 Lowest Max 78-1927 Lowest Min 56-1935 Highest Min 79-1936 Greatest pcpn 2.38-1957</p>	<p><b>23</b></p> <p>Normal 87.8 max 67.6 min .239 pcpn 0 HDD 13 CDD Highest Max 101-1933 Lowest Max 73-1957 Lowest Min 58-1958 Highest Min 77-1934 Greatest pcpn 1.65-1963</p>	<p><b>24</b></p> <p>Normal 88.1 max 67.7 min .102 pcpn 0 HDD 13 CDD Highest Max 103-1933 Lowest Max 67-1929 Lowest Min 54-1957 Highest Min 78-1937 Greatest pcpn 2.06-1948</p>	<p><b>25</b></p> <p>Normal 87.9 max 67.9 min .280 pcpn 0 HDD 13 CDD Highest Max 105-1980 Lowest Max 68-1967 Lowest Min 51-1974 Highest Min 79-1953 Greatest pcpn 2.29-1960</p>	<p><b>26</b></p> <p>Normal 89.2 max 68.0 min .060 pcpn 0 HDD 14 CDD Highest Max 102-1972 Lowest Max 71-1928 Lowest Min 50-1958 Highest Min 81-1933 Greatest pcpn 1.70-1986</p>	<p><b>27</b></p> <p>Normal 91.4 max 68.3 min .007 pcpn 0 HDD 15 CDD Highest Max 103-1980 Lowest Max 76-1985 Lowest Min 52-1974 Highest Min 79-1933 Greatest pcpn 1.81-1985</p>	<p><b>28</b></p> <p>Normal 91.2 max 68.8 min .047 pcpn 0 HDD 15 CDD Highest Max 105-1980 Lowest Max 81-1940 Lowest Min 56-1974 Highest Min 78-1931 Greatest pcpn 2.07-1939</p>
<p><b>29</b></p> <p>Normal 92.1 max 70.0 min .012 pcpn 0 HDD 16 CDD Highest Max 100-1933 Lowest Max 81-1942 Lowest Min 62-1985 Highest Min 78-1947 Greatest pcpn 1.14-1983</p>	<p><b>30</b></p> <p>Normal 91.7 max 70.4 min .028 pcpn 0 HDD 16 CDD Highest Max 101-1934 Lowest Max 79-1951 Lowest Min 59-1943 Highest Min 80-1980 Greatest pcpn 1.09-1942</p>					