

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 1985

April 1985 was another in a growing series of unusually wet spring months in Oklahoma. Temperatures also remained above normal, continuing the warm spring trend begun during March. April was punctuated by three periods of severe weather and an unusual hail storm. New April rainfall records (1948-1984) were set at Buffalo, Gage, and Pawhuska.

One new climatological record was set in Oklahoma City during April, 1985. On April 22, 1.49 inches of precipitation was recorded as compared to the previous record on that date of 1.34 inches, set in 1966. Oklahoma City's mean monthly temperature of 62.9 degrees and total monthly precipitation of 5.352 inches establishes April 1985 as the 13th warmest and 3rd wettest in the last 37 years.

The first major group of storms of the month occurred on April 4. Severe thunderstorms with winds gusting to more than 70 mph moved across central and eastern Oklahoma. Wind speeds in excess of 70 mph were clocked in Rogers County and in the Oklahoma City area. The Cordell Beacon reported winds as high as 100 mph in Washita County. A tornado was sighted between Cordell and Dill City. Another tornado was sighted 3.5 miles southeast of Cordell. Dime to golfball size hail was reported in Oklahoma and Craig Counties.

What was described as a "freak hail storm" by local newspapers occurred in the Buffalo area late on the afternoon of April 12. A report made by the local disaster assessment team stated, "on April 12, 1985 an area comprising 76 square miles around Buffalo received rainfall amounts ranging from 3 to 10 inches. It hailed continuously for two and one-half hours and Highway 183 north of Buffalo was closed due to hail on the ground three to 20 inches deep." Later, members of the team reported hail drifts 3 to 5 feet deep. The storm was estimated to have caused more than \$800,000 damage to crops, animals, and equipment.

The next series of major spring storms began on April 19. This was the first of four consecutive severe thunderstorm days in the State. Heavy thunderstorms containing winds up to 55 mph and golf-ball size hail moved through northern and northeastern Oklahoma. Several funnel clouds were spotted and an unconfirmed tornado touched down near Pawnee in north-central Oklahoma. Another series of storms moved across the State on Saturday, Sunday and Monday, April 20-22. Two tornadoes were sighted in Woodward County and two funnel clouds were reported in Dewey and Ellis Counties on April 20. Strong straight winds of up to 75 mph were clocked at two locations in central Oklahoma. The weather service said the straight winds probably resulted from collapsing thunderstorms along the Red River.

Sunday April 21, high winds blew a car off the road near Okarche and golf-ball size hail was reported. Monday afternoon more storms formed and moved across western and north central portions of the State. Confirmed tornado sightings were made near Custer City, Calumet, Eakly, and Guthrie. Preliminary damage estimates in the Custer City and Arapahoe areas were set at \$500,000.

More storms moved into Oklahoma on Friday, April 26. Woodward County reported marble size hail. Harmon County reported golf-ball size hail at Gould. Visibility was reportedly cut to zero by heavy rain at one point during the storm. Thunderstorms continued to rumble across the state for the remaining two days of April.

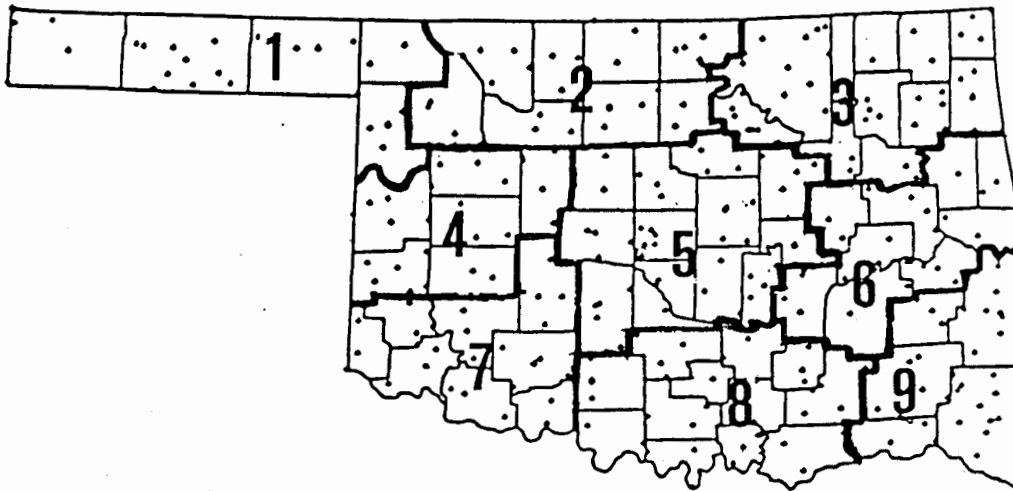
TABLE OF 1984/1985 APRIL COMPARISONS

Station	April Temperatures (F)		April Precipitation (in.)	
	1984	1985	1984	1985
Goodwell	48.7	57.5	2.26	2.907
Lahoma	*	59.4	2.64	4.871
Mutual	50.8	59.2	2.80	2.26
Tulsa	58.9	63.8	2.64	5.273
Elk City	55.9	61.3	2.61	1.544
Oklahoma City	57.6	62.9	1.85	5.352
McAlester	60.1	63.5	4.22	4.882
Altus Irr. Sta.	60.4	64.2	.95	3.100
Durant	60.1	65.2	1.54	8.00
Ada	59.5	63.5	2.73	4.522
Tuskahoma	60.0	64.0	3.17	7.081

* Indicates missing records.

APRIL EXTREMES

Variable	Station	Division	Observation	Date
Minimum temperature (F)	Beaver	1	23	1
Maximum temperature (F)	Freedom	2	90	20
	Beaver	1	90	15
	U spavinaw	3	90	18
Maximum 24-hour precipitation	Canev	8	7.47"	22



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 temperature may be calculated by subtracting the deviation from the observed mean 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 recorded. 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 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 1985 SUMMARY FOR NORTHWEST DIVISION (CD1)

NAME	ID	DIV	DEV							HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV		24-HR DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN DAY	TEMP DAY	DAY							FROM NORM	MAX	
ARNETT	332	1	60.5	29	3.1	86.	20	34.	1	152.5	-95.5	22.5	2.5	3.852	30	2.07	1.12	29
BEAVER	593	1	59.7	29	2.6	90.	15	23.	1	186.5	-67.5	32.0	15.0	2.930	30	1.68	2.82	29
BOISE CITY	900	1	57.2	30	2.8	85.	17	25.	5	243.5	-82.5	11.0	3.0	.510	30	-0.84	.20	18
BUFFALO	1243	1	60.9	29	1.2	88.	19	30.	6	147.0	-47.0	27.0	-8.0	6.690	30	4.62	2.91	12
FARGO	3070	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.431	30	2.60	2.02	27
GAGE	3407	1	60.1	30	2.6	87.	20	33.	9	166.5	-76.5	20.0	2.0	4.972	30	3.12	2.14	27
GATE	3489	1	61.4	29	999.0	86.	19	35.	8	134.5	9999.0	30.0	9999.0	4.860	30	99.99	3.06	12
GOODWELL RES. STA.	3628	1	57.5	29	1.6	83.	18	28.	5	220.0	-70.0	3.0	-14.0	2.907	30	1.80	1.44	29
GUYMON	3835	1	59.3	30	999.0	86.	18	29.	5	191.0	9999.0	19.5	9999.0	2.194	30	99.99	1.19	29
HOOKER	4298	1	57.7	30	1.5	85.	18	24.	1	234.0	-40.0	16.5	3.5	3.820	30	2.63	3.25	29
KENTON	4766	1	56.7	29	2.3	83.	17	27.	6	248.5	-79.5	9.0	-1.0	2.690	30	1.40	1.14	29
LAVERNE	5045	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.811	30	2.28	1.24	13
REGNIER	7534	1	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.620	30	.51	.50	28
TURPIN	9017	1	58.4	29	999.0	86.	21	32.	5	208.5	9999.0	16.5	9999.0	2.890	30	99.99	1.85	29

APRIL 1985 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)

NAME	ID	DIV	DEV							HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV		24-HR DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN DAY	TEMP DAY	DAY							FROM NORM	MAX	
ALVA	194	2	60.8	29	999.0	86.	18	28.	1	147.5	9999.0	26.0	9999.0	4.760	30	99.99	3.25	27
BILLINGS	755	2	60.5	29	999.0	83.	17	29.	1	147.0	9999.0	17.5	9999.0	2.841	30	-0.08	.73	11
BLACKWELL	818	2	61.6	30	999.0	84.	18	31.	1	134.0	9999.0	31.0	9999.0	4.595	30	99.99	.98	27
BRAMAN	1075	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.531	30	99.99	1.39	27
CEDARDALE	1620	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.570	30	99.99	1.16	30
ENID	2912	2	62.2	30	1.8	88.	18	38.	8	121.5	-56.5	36.5	-3.5	5.915	30	3.14	1.45	21
FT. SUPPLY DAM	3304	2	61.6	28	2.6	86.	20	36.	8	125.0	-91.0	30.5	-5.5	2.080	29	.49	.76	13
FREEDOM	3358	2	62.1	30	999.0	90.	20	31.	1	126.5	9999.0	39.5	9999.0	5.171	30	99.99	1.37	30
HARDY	3909	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.831	30	99.99	.95	30
HELENA	4019	2	60.9	29	999.0	83.	18	33.	1	146.0	9999.0	26.5	9999.0	2.200	30	-0.37	.52	13
JEFFERSON	4573	2	62.1	30	2.5	86.	18	30.	1	125.5	-72.5	39.0	3.0	4.802	30	2.03	1.76	29
LAHOMA AG	4950	2	59.4	26	999.0	84.	18	28.	6	163.5	9999.0	17.5	9999.0	4.871	28	99.99	1.44	28
LAMONT	5013	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.220	30	99.99	1.42	30
MEDFORD	5768	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.092	30	99.99	2.78	29
MORRISON	6065	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.261	30	99.99	2.00	26
MUTUAL	6139	2	59.2	29	1.0	84.	20	32.	1	183.5	-46.5	15.5	-10.5	2.260	30	-0.19	1.03	30
NEWKIRK	6278	2	62.7	30	3.2	85.	18	32.	2	118.0	-86.0	49.0	10.0	4.190	30	1.24	.85	13
ORIENTA	6751	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.390	30	99.99	1.12	21
PERRY	7012	2	64.4	30	2.9	86.	18	32.	1	93.0	-64.0	75.0	23.0	3.380	30	.68	1.11	27
PONCA CITY	7201	2	63.6	30	5.0	88.	16	32.	1	107.5	-115.5	64.5	33.5	2.640	29	-0.26	.77	27
RED ROCK	7505	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.790	30	3.00	3.00	19
RENFROM	7556	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.340	30	1.78	1.98	30
WOODWARD	9760	2	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.840	30	2.84	1.46	29

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

APRIL 1985 SUMMARY FOR NORTHEAST DIVISION (CD3)

NAME	ID	DIV	DEV				MIN	DAY	DAY	HEAT DEG	DEV FROM	COOL DEG	DEV FROM	TOT PPT	NUM OBS	DEV FROM	MAX 24-HR	DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP												
AVANT	418	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.050	30	99.99	2.12	30
BARNSDALL	535	3	63.3	30	999.0	89.	18	32.	2	112.5	9999.0	61.5	9999.0	8.841	30	5.55	3.27	30
BARTLESVILLE	548	3	63.3	30	2.5	89.	18	36.	1	110.5	-60.5	60.0	15.0	5.421	30	2.10	1.40	30
BIXBY	782	3	63.8	26	3.2	88.	18	35.	2	86.0	-82.0	56.0	20.0	4.761	29	.85	1.45	22
BURBANK	1256	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.831	30	99.99	1.60	27
CHELSEA	1717	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.560	30	99.99	1.40	27
CLAREMORE	1828	3	61.1	29	1.2	85.	18	33.	2	147.0	-40.0	35.0	1.0	5.073	30	1.31	1.56	27
CLEVELAND	1902	3	62.6	24	999.0	84.	4	34.	1	99.5	9999.0	41.5	9999.0	5.701	26	99.99	2.46	30
FORAKER	3250	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.672	30	1.54	1.92	27
RAMONA	7394	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	8.170	30	99.99	3.43	30
HOLLOW	4258	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.160	30	.44	1.20	5
HOMINY	4289	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.150	30	3.03	2.58	30
HULAH DAM	4393	3	61.5	12	2.3	88.	18	30.	1	54.0	-149.0	12.0	-17.0	4.810	26	1.65	1.70	29
JAY TOWER	4567	3	61.9	30	999.0	87.	19	31.	1	148.5	9999.0	55.5	9999.0	3.160	30	99.99	1.20	27
KANSAS	4672	3	61.0	28	999.0	82.	18	33.	2	142.0	9999.0	30.5	9999.0	4.851	28	99.99	2.18	30
KEYSTONE DAM	4812	3	62.0	29	999.0	87.	18	32.	1	132.0	9999.0	46.0	9999.0	6.750	30	99.99	3.11	30
LENAPAH	5118	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.560	31	99.99	1.28	30
MANNFORD	5522	3	64.3	29	999.0	89.	18	25.	6	93.0	9999.0	73.5	9999.0	7.190	29	99.99	2.91	30
MARAMEC	5540	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.200	30	2.21	2.25	30
MIAMI	5855	3	60.5	29	.4	86.	17	30.	1	164.5	-21.5	35.0	-4.0	4.991	30	1.27	1.39	29
NOWATA	6485	3	63.0	30	3.1	87.	18	31.	1	113.5	-80.5	52.5	11.5	5.070	30	1.57	1.53	30
ONETA	6713	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.831	30	99.99	1.48	30
PAWNIUSKA	6937	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	7.341	30	99.99	1.94	30
PAWNIUSKA	6935	3	62.4	30	1.9	89.	18	31.	2	133.0	-45.0	55.0	12.0	7.773	30	4.70	1.85	27
PAWNEE	6940	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.470	30	2.50	2.90	30
PRYOR	7309	3	60.2	29	.2	83.	18	32.	1	170.0	-26.0	29.5	-16.5	5.544	30	1.64	2.00	27
QUAPAW	7358	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.810	30	.83	1.57	30
RALSTON	7390	3	63.0	30	999.0	88.	18	31.	1	112.0	9999.0	53.0	9999.0	5.100	30	2.13	2.00	30
SKIATOOK	8258	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.640	30	3.17	3.17	29
SPAVINAW	8380	3	62.9	30	999.0	85.	18	31.	2	134.0	9999.0	71.5	9999.0	4.673	30	.59	1.66	30
UPPER SPAVINAW	9101	3	64.4	29	999.0	90.	18	36.	6	107.5	9999.0	91.5	9999.0	3.780	30	99.99	1.19	27
SPAVINAW AG	8382	3	62.2	29	999.0	86.	26	31.	3	152.0	9999.0	69.5	9999.0	4.313	29	99.99	1.66	30
TULSA	8992	3	63.0	30	2.9	86.	18	36.	1	101.0	-67.0	66.0	21.0	5.273	30	1.12	1.85	27
VINITA	9203	3	61.9	30	2.2	83.	19	30.	1	143.5	-45.5	50.0	20.0	3.970	30	-1.0	.99	30
WAGONER	9247	3	63.0	30	1.5	85.	18	35.	2	114.0	-36.0	55.5	7.5	5.130	30	.46	1.84	30
WANN	9298	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.811	30	99.99	1.40	30
WYNOGA	9792	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.322	23	99.99	2.70	29

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

APRIL 1985 SUMMARY FOR WEST CENTRAL DIVISION (CD4)

NAME	ID	DIV	DEV				HEAT		DEV		COOL		DEV		TOT PPT	NUM OBS	DEV	
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	DEG	FROM NORM	DEG	FROM NORM	FROM NORM			MAX 24-HR	
CANTON DAM	1445	4	61.6	29	1.5	82.	21	36.	1	127.0	-65.0	29.5	-15.5	2.900	28	.61	.77	23
CHEYENNE	1738	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.852	30	99.99	.56	27
CLINTON	1909	4	64.0	30	3.4	86.	20	38.	0	80.0	-99.0	50.0	3.0	3.273	30	.88	1.87	27
COLONY	2039	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.470	30	99.99	1.47	13
CORDELL	2125	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.532	30	1.34	1.15	27
ELK CITY	2849	4	61.3	30	999.0	83.	15	34.	8	138.0	9999.0	27.0	9999.0	1.544	30	-.67	.77	13
ERICK	2944	4	61.9	30	1.5	84.	22	33.	8	120.0	-58.0	28.0	-12.0	1.631	30	-.57	.88	13
GEARY	3497	4	61.5	30	.8	82.	4	38.	1	118.0	-54.0	14.5	-28.5	5.590	30	3.13	1.72	27
HAMMON	3871	4	60.4	29	.1	84.	15	33.	1	157.5	-25.5	23.5	-18.5	1.581	30	-.64	.90	13
LEEDY	5090	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.391	30	-.11	.90	13
MORAVIA	6035	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.550	30	.46	1.44	27
OKEENE	6629	4	63.1	30	2.1	84.	20	34.	1	99.5	-68.5	42.5	-5.5	3.520	30	1.19	1.25	27
RETROP	7565	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.080	30	99.99	1.08	27
REYDON	7579	4	64.2	24	999.0	87.	13	37.	8	48.5	9999.0	28.5	9999.0	2.600	27	.33	1.35	29
SAYRE	7952	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.050	30	0.00	1.20	13
SWEETWATER	8652	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.380	30	99.99	.99	13
TALOGA	8700	4	61.6	30	2.3	84.	20	34.	1	124.5	-76.5	21.5	-8.5	3.222	30	.78	1.71	13
THOMAS	8815	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.790	30	99.99	1.78	27
WATONGA	9364	4	62.2	30	999.0	84.	3	34.	4	125.5	9999.0	40.5	9999.0	3.633	30	1.21	1.32	13
WEATHERFORD	9422	4	62.3	29	1.5	86.	15	32.	1	115.0	-53.0	37.0	-5.0	2.024	30	-.21	.69	13

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

APRIL 1985 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	MIN TEMP	DAY	DEG	FROM NORM	DEG	FROM NORM	DEG	FROM NORM					
ARCADIA	288	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.581	30	99.99	2.00	30
AMBER	200	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.340	30	99.99	2.05	22
TINKER AFB	325	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.335	30	99.99	1.55	30
BLANCHARD	830	5	64.2	30	999.0	83.	18	30.	1	85.5	9999.0	60.5	9999.0	4.774	30	99.99	2.30	22
BRISTOW	1144	5	63.6	30	1.7	87.	18	33.	1	97.0	-59.0	55.0	-8.0	6.342	30	2.79	2.43	27
CENTRAHOMA	1640	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.870	30	99.99	3.45	22
CHICKASHA	1750	5	62.4	30	.1	84.	18	34.	9	111.5	-30.5	34.0	-27.0	4.681	30	1.84	2.56	22
COX CITY	2196	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	7.340	30	99.99	3.02	29
CUSHING	2310	5	62.8	27	2.4	86.	19	35.	1	104.0	-65.0	45.0	14.0	7.040	29	3.86	2.25	22
EL RENO	2018	5	61.1	30	.6	83.	20	27.	1	142.0	-36.0	25.5	-17.5	5.280	30	2.70	1.79	30
HENNESSEY	4055	5	61.3	30	1.1	81.	18	34.	1	138.0	-46.0	27.5	-12.5	4.480	30	2.10	1.30	13
INGALLS	4489	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.143	30	99.99	2.32	26
KINGFISHER	4861	5	62.5	30	1.7	83.	18	34.	8	122.5	-51.5	46.0	-2.0	3.540	30	1.12	1.20	27
KINGFISHER CREEK	4862	5	62.8	27	999.0	83.	17	34.	8	95.5	9999.0	36.0	9999.0	2.860	29	99.99	1.30	27
U. JOHNS CREEK KING	4864	5	62.8	27	999.0	83.	17	34.	8	95.5	9999.0	36.0	9999.0	3.660	29	99.99	1.30	27
KONAWA	4915	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.301	30	2.18	3.18	22
MARSHALL	5589	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.330	30	.95	1.55	27
MEEKER	5779	5	64.6	30	3.3	86.	19	36.	8	66.5	-91.5	55.0	8.0	5.950	30	2.39	2.20	22
NORMAN	6386	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.910	31	3.61	2.67	30
OILTON	6616	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	7.800	30	99.99	4.26	30
OKEMAH	6638	5	64.7	30	2.9	85.	18	38.	1	72.0	-64.0	63.5	23.5	4.650	30	.47	1.77	30
OKLAHOMA CITY	6661	5	62.9	30	2.7	83.	18	38.	1	105.0	-79.0	42.5	2.5	5.352	30	2.44	1.49	30
PERKINS	7003	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.400	30	3.76	2.74	30
PIEDMONT	7068	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.940	30	99.99	1.02	22
PRAGUE	7264	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.720	30	2.85	2.46	30
PURCELL	7327	5	63.0	30	1.3	84.	18	35.	2	106.0	-48.0	47.0	-8.0	5.960	30	2.59	2.40	30
SEMINOLE	8042	5	66.1	30	2.9	86.	18	37.	2	61.0	-71.0	93.5	15.5	8.100	30	4.01	4.00	30
SHAWNEE	8110	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	7.080	30	3.21	2.82	22
STILLWATER	8501	5	62.5	29	2.1	88.	18	34.	1	121.0	-62.0	47.5	2.5	5.363	30	2.78	2.06	27
STROUD	8563	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.501	30	99.99	2.17	30
TECUMSEH	8751	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	8.580	30	99.99	4.00	30
TROUSDALE	8960	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	8.310	30	99.99	4.12	30
UNION CITY	9086	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.260	30	1.93	1.62	22
WELTY	9479	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.860	30	99.99	1.80	30
WEWOKA	9575	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	7.550	30	3.78	4.26	22

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

APRIL 1985 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

NAME	ID	DIV	DEV						HEAT		DEV		COOL		DEV		TOT	NUM	FROM	MAX	24-HR	DAY
			MEAN	NUM	FROM	MAX	MIN	DAY	TEMP	DAY	DEG	FROM	DEG	FROM	PPT	OBS						
ASHLAND	364	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.990	30	99.99	1.66	22				
BEAVER MT.	601	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.980	30	99.99	1.06	30				
BEGGS	631	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.910	30	99.99	1.61	22				
BOYNTON	1027	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.070	30	99.99	3.20	30				
CALVIN	1391	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.411	30	.98	2.07	22				
CHECOTAH	1711	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.202	30	-.39	1.15	23				
CLAYTON	1858	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	8.800	30	99.99	3.98	22				
DEWAR	2485	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	7.010	30	2.73	3.25	30				
EUFUALA	2993	6	65.0	30	999.0	85.	18	36.	8	84.5	9999.0	84.0	9999.0	4.212	30	-.47	1.18	22				
HANNA	3884	6	64.5	30	999.0	86.	18	37.	8	89.0	9999.0	73.5	9999.0	3.740	30	-.70	1.30	22				
HARTSHORNE	3946	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.280	30	99.99	1.99	30				
HASKELL	3956	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.830	30	.72	1.60	30				
HOLDENVILLE	4235	6	63.6	30	1.4	84.	15	37.	8	95.0	-36.0	53.5	6.5	6.400	30	2.03	3.68	22				
LAKE EUFAULA	4975	6	63.5	29	999.0	87.	18	37.	1	97.5	9999.0	54.5	9999.0	4.720	28	99.99	1.69	30				
MCALESTER	5664	6	63.5	30	1.6	84.	18	35.	8	112.0	-32.0	68.0	17.0	4.882	30	.34	1.39	23				
LYONS	5437	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.750	30	1.02	1.81	22				
MCCURTAIN	5693	6	64.2	30	999.0	86.	18	36.	8	103.0	9999.0	80.5	9999.0	4.471	30	-.30	2.00	30				
MUSKOGEE	6130	6	65.5	22	3.5	85.	19	35.	2	46.0	-92.0	56.5	8.5	6.540	23	1.96	2.86	29				
OKMULGEE WATER WORK	6670	6	63.8	30	1.5	84.	19	39.	8	90.5	-40.5	55.0	5.0	6.270	30	1.75	1.92	30				
OKTAHA	6678	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.730	30	99.99	1.81	30				
QUINTON	7372	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.903	30	1.57	2.29	29				
SALLISAW	7862	6	62.7	30	.5	85.	18	32.	2	121.5	-8.5	53.0	7.0	4.560	30	.09	1.81	30				
SCIPIO	7979	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.770	30	99.99	1.62	22				
SHORT-1	8170	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.371	30	99.99	1.85	30				
STILWELL	8506	6	61.2	30	999.0	83.	18	30.	2	159.5	9999.0	46.0	9999.0	3.033	30	-1.68	.92	30				
TANLEQUAH	8677	6	62.4	30	1.3	85.	18	30.	2	131.5	-31.5	53.0	7.0	4.700	30	.14	2.13	30				
WEBBERS FALLS	9445	6	63.6	24	3.0	86.	18	35.	8	84.5	-86.5	50.0	11.0	3.710	30	-.89	1.04	30				
WESTVILLE	9523	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.490	30	99.99	1.30	30				
WETUMKA	9571	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.815	30	1.45	2.10	30				

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

APRIL 1985 SUMMARY FOR SOUTHWEST DIVISION (CD7)

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 DAY	DEG DAY	FROM NORM	DEG DAY	FROM NORM	DEG DAY	FROM NORM	FROM NORM			MAX		
ALTUS IRR. STA.	179	7	64.2	30	.9	88.	19	37.	2	73.5	-50.5	48.0	-25.0	3.100	30	1.07	1.50	27	
ALTUS DAM	184	7	64.1	29	999.0	85.	20	36.	1	92.5	9999.0	66.0	9999.0	3.270	30	1.29	1.36	27	
ANADARKO	224	7	61.0	27	-1.0	84.	15	33.	2	129.5	-12.5	21.0	-31.0	4.850	27	2.26	2.31	22	
ALTUS AFB	447	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.890	30	99.99	1.48	27	
BRIDGEPORT	1092	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	0.000	30	99.99	0.00	30	
CARNEGIE	1504	7	63.1	30	1.3	84.	20	34.	2	99.0	-51.0	42.5	-11.5	3.950	30	1.53	1.30	22	
CHATTANOOGA	1706	7	63.3	30	.5	87.	15	36.	2	93.5	-35.5	42.5	-20.5	3.830	30	1.35	1.38	22	
DUNCAN	2668	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.970	30	99.99	1.50	30	
FLETCHER	3191	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.180	30	99.99	2.00	22	
FREDERICK	3353	7	66.1	29	1.7	89.	19	44.	8	44.0	-61.0	75.5	-11.5	3.670	30	1.35	1.10	29	
GRANDFIELD	3709	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.150	30	.73	1.26	22	
HOBART	4204	7	62.7	30	2.5	86.	19	36.	8	110.5	-69.5	43.0	4.0	2.371	29	.13	1.35	27	
HOLLIS	4249	7	63.3	24	.1	88.	15	35.	8	73.0	-49.0	32.0	-36.0	2.660	26	.46	2.15	26	
LAWTON	5063	7	63.4	29	999.0	85.	18	35.	1	92.0	9999.0	44.5	9999.0	3.500	30	1.09	1.86	22	
FORT SILL	5068	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.950	30	99.99	1.61	22	
LOCO	5247	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.521	30	99.99	2.50	22	
LOOKEBA	5329	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.330	30	99.99	.86	13	
MANGUM RS. STA.	5509	7	64.3	30	1.6	89.	20	37.	1	80.0	-60.0	60.5	-10.5	3.480	30	1.59	2.07	27	
ROOSEVELT	7727	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.540	30	1.29	1.73	22	
SEDAN	8016	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.490	30	99.99	1.48	22	
SNYDER	8299	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.311	30	2.26	1.26	22	
STELLA	8479	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	7.290	30	99.99	2.97	30	
VICI	9172	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.690	30	99.99	.85	30	
VINSON	9212	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.200	30	-.87	.43	13	
WALTERS	9278	7	64.0	30	.4	86.	15	39.	2	79.5	-44.5	50.0	-32.0	4.850	30	2.02	2.33	29	
WICHITA MT. WL. REF	9629	7	62.5	29	.7	88.	15	35.	1	105.5	-42.5	34.0	-18.0	3.800	30	1.35	1.70	29	
WILLOW	9668	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.340	30	99.99	1.95	27	

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

APRIL 1985 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

NAME	ID	DIV	DEV				HEAT		DEV		COOL		DEV		DEV			
			MEAN	NUM	FROM	MAX	MIN	DEG	FROM	DEG	FROM	TOT	NUM	FROM	MAX			
			TEMP	OBS	NORM	TEMP	DAY	TEMP	DAY	DAY	NORM	DAY	NORM	PPT	OBS	NORM	24-HR	DAY
ADA	17	8	63.5	30	1.0	84.	18	36.	1	87.0	-44.0	43.0	-13.0	4.522	30	.75	2.96	22
ALLEN	147	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.460	30	99.99	3.52	22
ARDMORE	292	8	65.2	30	.0	85.	15	35.	1	59.0	-22.0	66.0	-21.0	3.850	30	-.02	1.65	22
ATOKA DAM	394	8	64.3	29	999.0	85.	18	37.	2	87.5	9999.0	66.5	9999.0	11.042	30	99.99	3.40	22
BOKCHITO	917	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	7.540	30	99.99	3.51	30
CANEY	1437	8	63.7	29	999.0	82.	27	40.	0	81.5	9999.0	44.5	9999.0	12.670	30	99.99	7.47	22
CHICKASAW-NRA	1745	8	63.3	29	999.0	85.	18	34.	2	104.5	9999.0	54.0	9999.0	5.470	30	99.99	3.14	22
COLEMAN	2011	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.350	30	99.99	3.50	22
COMANCHE	2054	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.041	30	99.99	2.32	22
DAISY	2354	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	8.282	30	2.85	2.59	22
DUNCAN	2660	8	64.8	29	1.1	87.	15	33.	1	60.5	-51.5	54.0	-19.0	4.730	26	2.02	1.77	22
DURANT	2678	8	65.2	29	999.0	85.	15	37.	2	72.5	9999.0	79.5	9999.0	8.000	30	3.46	3.63	30
ELMORE CITY	2872	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.050	30	99.99	2.30	21
FARRIS	3083	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	9.211	30	99.99	3.70	22
GRADY	3680	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.790	30	99.99	2.43	22
HEALING	4001	8	63.8	29	999.0	84.	18	37.	2	80.0	9999.0	44.5	9999.0	4.781	30	1.33	3.46	22
HENNEPIN	4052	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.010	30	99.99	1.58	21
KINGSTON	4865	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.900	30	2.80	4.08	22
LEHIGH	5100	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	7.072	31	99.99	4.00	22
MADILL	5460	8	65.1	30	1.6	86.	15	40.	2	64.0	-43.0	67.0	5.0	7.110	30	2.60	4.34	22
MARIETTA	5563	8	65.8	30	2.3	86.	15	38.	2	52.5	-57.5	76.0	11.0	5.330	30	1.53	3.40	22
MARLOW	5581	8	63.8	30	999.0	87.	28	36.	0	86.0	9999.0	51.5	9999.0	5.850	30	3.17	2.10	30
OSWALT	6707	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	7.210	30	99.99	3.00	30
PAULS VALLEY	6926	8	64.7	30	1.4	84.	18	38.	2	72.0	-46.0	62.0	-5.0	4.740	30	1.24	2.02	21
PONTOTOC	7214	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.200	30	1.11	3.60	22
TISHOMINGO	8884	8	65.0	22	999.0	85.	15	39.	0	50.5	9999.0	51.5	9999.0	7.500	26	2.09	4.00	22
TUSSY	9032	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.230	30	99.99	2.76	22
WAURIKA	9395	8	64.4	30	-.1	85.	16	40.	2	75.5	-28.5	57.5	-31.5	5.030	30	2.07	3.03	22

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

APRIL 1985 SUMMARY FOR SOUTHEAST DIVISION (CD9)

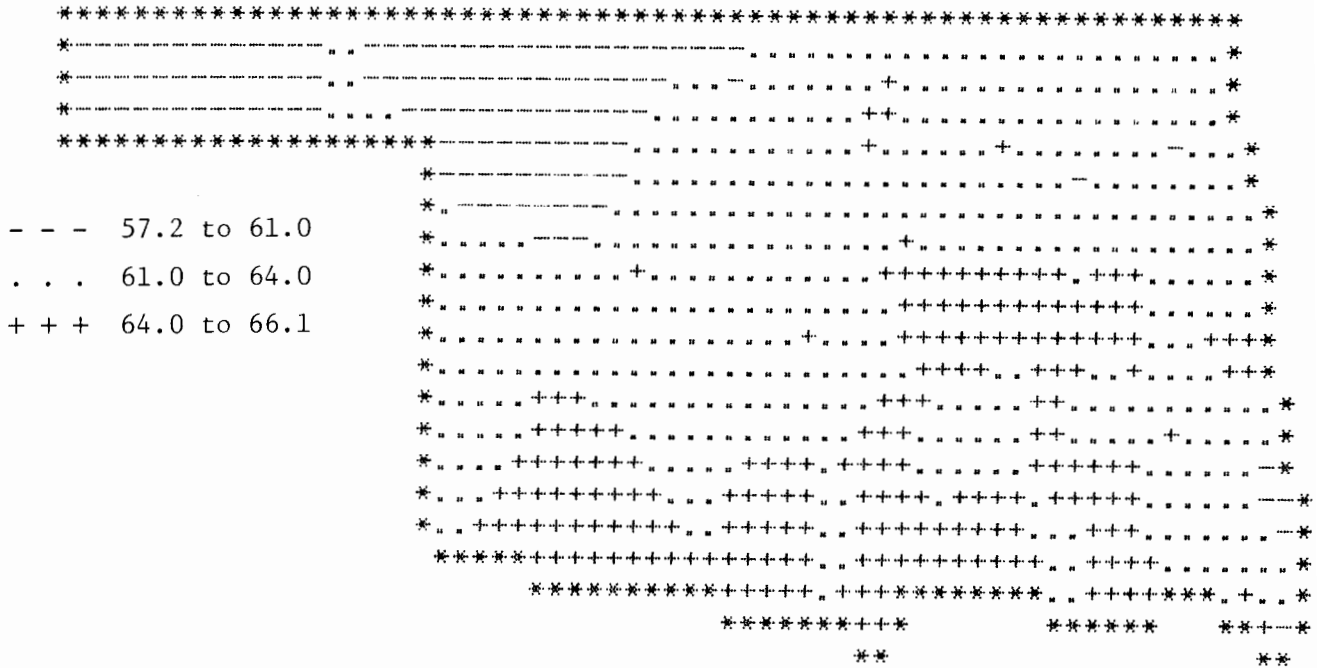
NAME	ID	DIV	DEV				HEAT		DEV		COOL		DEV		TOT		DEV	
			MEAN	NUM	FROM	MAX	MIN	DEG	FROM	DEG	FROM	DEG	FROM	DEG	PPT	NUM	FROM	MAX
ANTLERS	256	9	65.3	30	2.7	86.	18	32.	2	74.5	-46.5	83.5	34.5	7.210	30	2.10	4.23	22
BEAR MT.	584	9	63.7	30	999.0	87.	18	36.	1	90.0	9999.0	52.0	9999.0	5.211	30	.11	2.10	28
BENJAL	670	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.950	30	99.99	1.82	30
BOSWELL	980	9	63.5	30	999.0	78.	30	41.	9	96.0	9999.0	51.0	9999.0	4.083	30	-.49	1.92	30
BROKEN BOW	1162	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.580	30	1.25	2.57	23
BROKEN BOW DAM	1168	9	62.7	29	999.0	87.	18	33.	4	106.0	9999.0	39.0	9999.0	6.120	30	99.99	2.40	23
CARNASAW TOWER	1499	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.280	30	.80	2.01	23
CARTER MT.	1544	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.100	30	-.16	2.19	23
FANSHAW	3065	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.370	30	.37	1.83	30
HEAVENER	4008	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	8.122	30	3.19	2.07	30
HEE MT. TOWER	4017	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.070	30	99.99	2.68	23
HUGO	4384	9	65.5	30	1.4	86.	18	39.	2	61.5	-32.5	76.0	9.0	4.160	30	-.56	1.89	23
IDABEL	4451	9	64.1	29	.9	84.	18	30.	1	79.5	-28.5	53.5	-.5	5.151	30	-.25	2.14	28
POTEAU	7246	9	65.4	30	2.6	87.	18	36.	2	80.5	-32.5	92.5	45.5	5.220	30	.52	1.83	22
POTEAU WATER WORKS	7254	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.242	30	99.99	2.01	30
SMITHVILLE	8285	9	59.7	30	999.0	82.	18	30.	2	183.5	9999.0	26.0	9999.0	5.450	30	99.99	2.25	23
SOBAL TOWER	8305	9	62.4	30	999.0	82.	18	39.	2	100.5	9999.0	29.5	9999.0	5.462	30	.36	1.72	22
SPIRO	8416	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.900	30	-.72	1.24	23
TUSKAHOMA	9023	9	64.0	30	999.0	86.	18	31.	2	105.0	9999.0	76.0	9999.0	7.081	30	99.99	2.51	30
VALLIANT	9118	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.181	30	1.18	2.46	28
WILBURTON	9634	9	63.8	30	1.7	88.	19	34.	1	102.0	-38.0	66.0	13.0	5.601	30	.55	1.15	30
WISTER DAM	9717	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.070	19	99.99	1.40	29
ZOE	9985	9	63.1	30	999.0	86.	18	29.	2	131.0	9999.0	74.0	9999.0	6.480	30	1.48	2.12	23

APRIL 1985 CLIMATE DIVISION SUMMARY

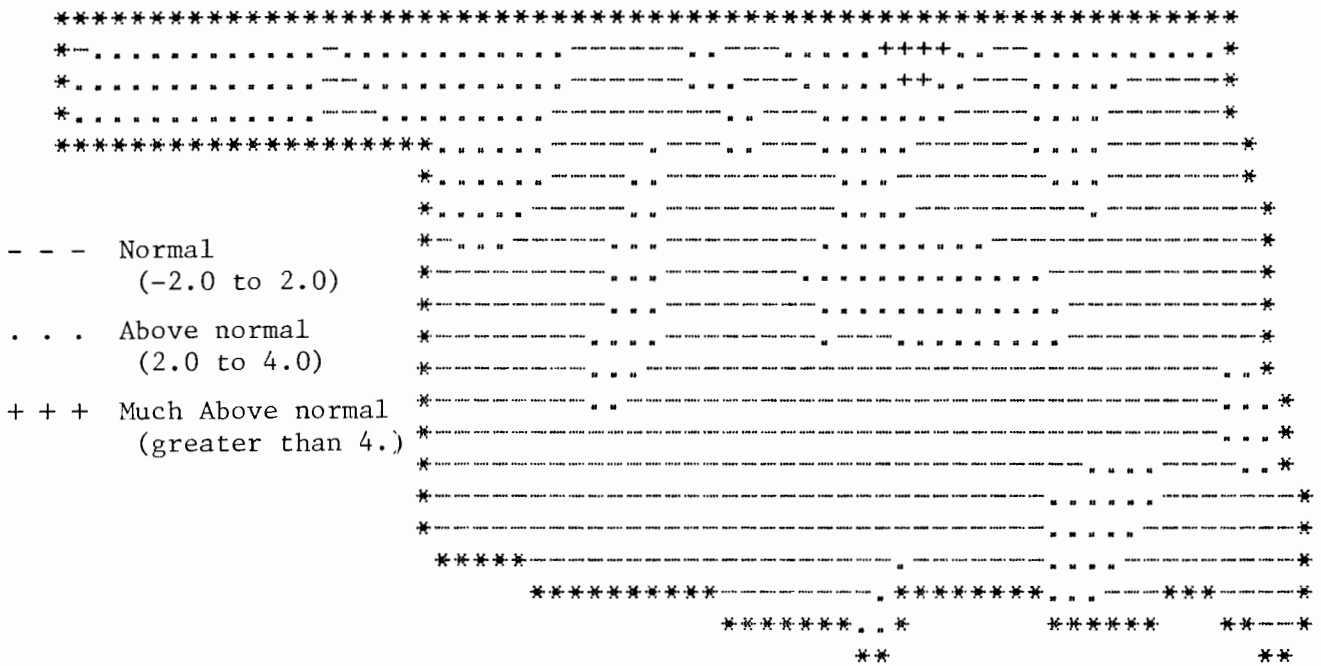
CLIMATE	DIV	MEAN	NUM	DEV				HEAT		DEV		COOL		DEV		TOT		DEV	
				FROM	MAX	MIN	DEGREE	FROM	DEGREE	FROM	DEGREE	FROM	DEGREE	PPT	STA	FROM	MAX	24-HR	DAY
1	59.0	11	2.5	90.0	15	23.0	1	193.9	-75.8	18.8	1.6	3.44	14	1.95	3.25	29			
2	61.8	12	2.3	90.0	20	28.0	6	131.2	-71.2	37.5	1.2	4.07	23	1.50	3.25	27			
3	62.5	18	2.2	90.0	18	25.0	6	129.5	-51.4	55.1	15.4	5.08	36	1.51	3.43	30			
4	62.0	10	1.6	87.0	13	32.0	1	120.5	-59.6	31.4	-10.7	2.78	20	.49	1.87	27			
5	63.2	15	1.9	88.0	18	27.0	1	101.5	-61.0	47.6	-1.6	5.78	35	2.53	4.26	22			
6	63.5	10	1.7	87.0	18	30.0	2	108.4	-35.6	62.1	15.4	5.11	28	.60	3.98	22			
7	63.5	11	.9	89.0	20	33.0	2	90.9	-44.7	48.0	-15.6	3.50	27	1.20	2.97	30			
8	64.4	13	.7	87.0	28	33.0	1	75.6	-33.4	58.9	-12.4	5.88	28	2.02	7.47	22			
9	63.6	12	.6	88.0	19	29.0	2	101.5	-13.7	59.9	5.9	5.68	22	.66	4.23	22			

NOTE: 9999.0, 999.0, 99.99 indicate missing records.

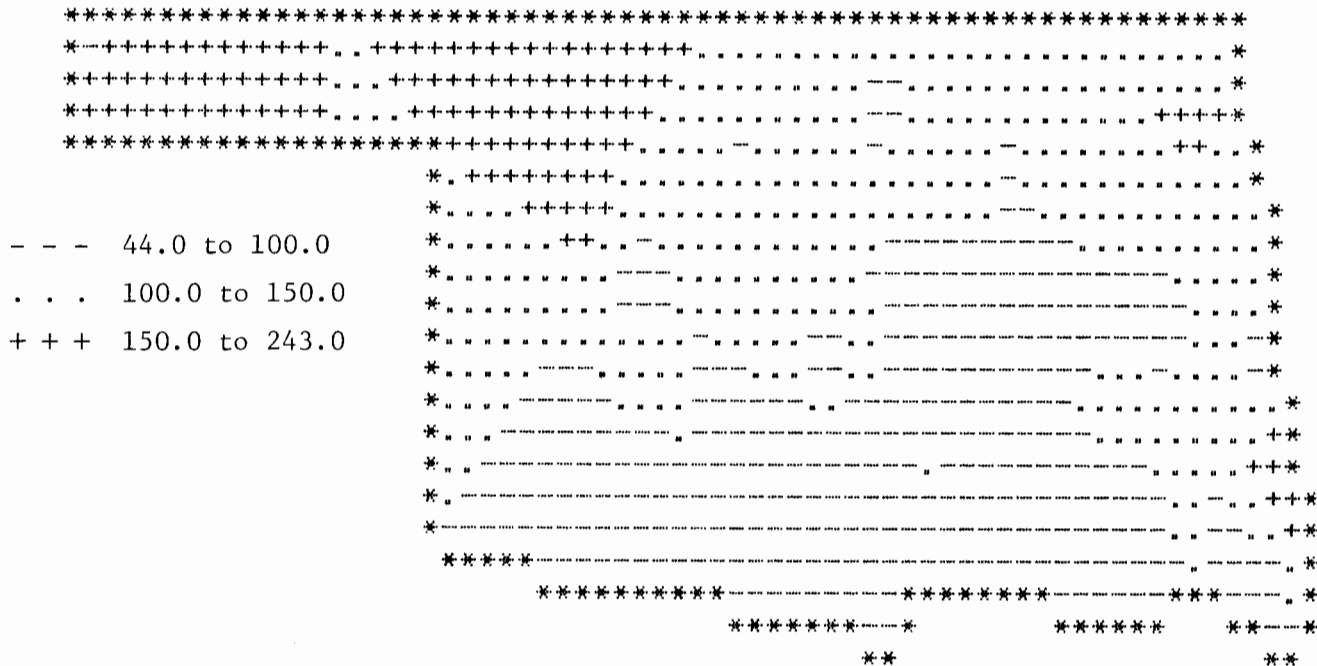
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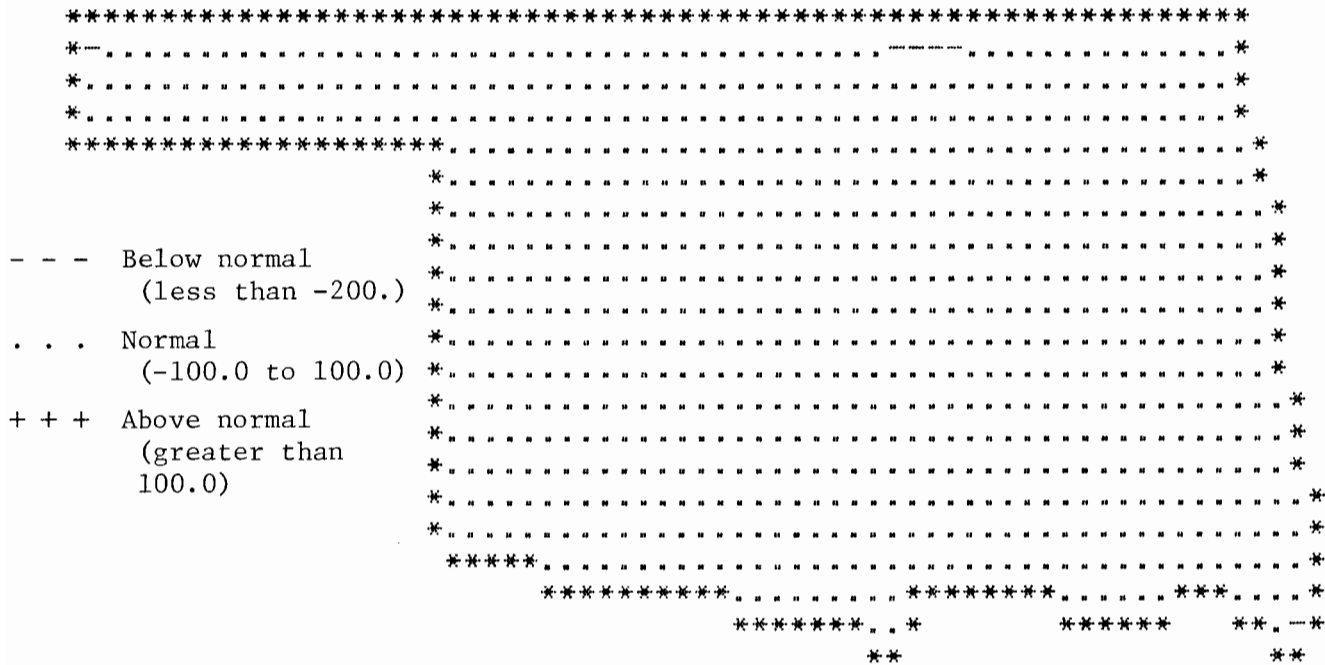
APRIL 1985 AVERAGE MONTHLY TEMPERATURE
(DEGREES F)



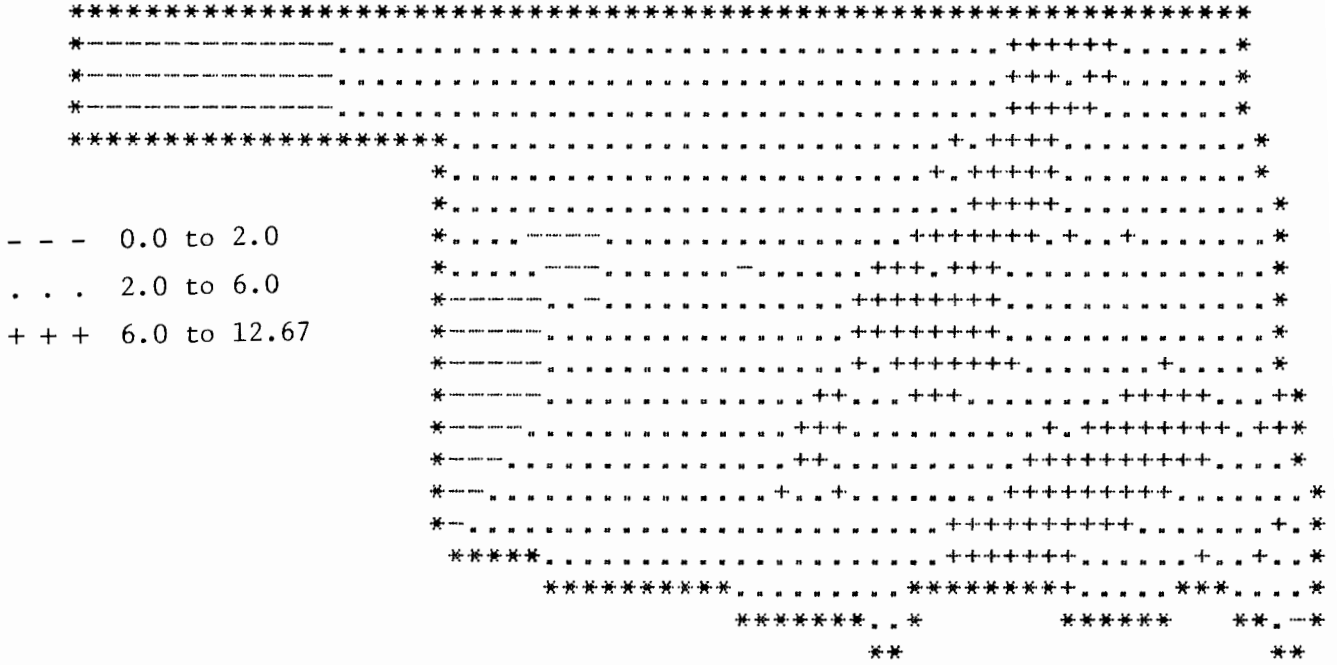
APRIL 1985 DEVIATION FROM NORMAL TEMPERATURES



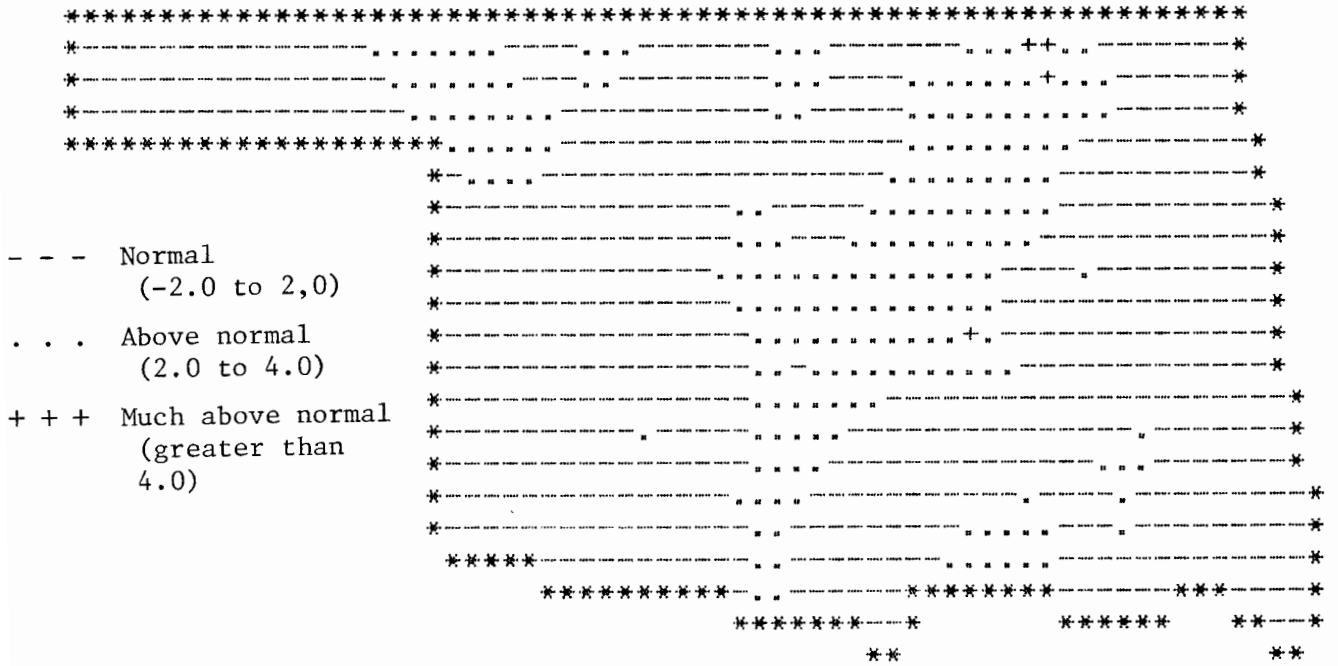
APRIL 1985 TOTAL HEATING DEGREE DAYS



APRIL 1985 DEVIATION FROM NORMAL HEATING DEGREE DAYS



APRIL 1985 TOTAL PRECIPITATION
(INCHES)



APRIL 1985 DEVIATION FROM NORMAL PRECIPITATION

JUNE, 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)

1		2		3		4		5		6		7	
Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual
80.0 max	—	80.8 max	—	81.4 max	—	82.8 max	—	83.6 max	—	85.4 max	—	86.3 max	—
60.9 min	—	60.9 min	—	61.2 min	—	62.3 min	—	63.3 min	—	63.3 min	—	64.2 min	—
.227 pcpn	—	.227 pcpn	—	.119 pcpn	—	.165 pcpn	—	.102 pcpn	—	.069 pcpn	—	.098 pcpn	—
0 HDD	—	0 HDD	—	0 HDD	—	0 HDD	—	0 HDD	—	0 HDD	—	0 HDD	—
6 CDD	—	7 CDD	—	7 CDD	—	8 CDD	—	9 CDD	—	10 CDD	—	10 CDD	—
Highest Max	96-1953	Highest Max	94-1953	Highest Max	95-1953	Highest Max	95-1942	Highest Max	98-1933	Highest Max	98-1926	Highest Max	97-1926
Lowest Max	69-1970	Lowest Max	61-1946	Lowest Max	63-1982	Lowest Max	62-1928	Lowest Max	72-1950	Lowest Max	72-1950	Lowest Max	70-1935
Lowest Min	49-1964	Lowest Min	52-1969	Lowest Min	51-1946	Lowest Min	47-1954	Lowest Min	52-1928	Lowest Min	53-1973	Lowest Min	51-1935
Highest Min	75-1943	Highest Min	74-1943	Highest Min	73-1942	Highest Min	73-1942	Highest Min	75-1933	Highest Min	74-1934	Highest Min	78-1980
Greatest pcpn	3.37-1962	Greatest pcpn	1.66-1973	Greatest pcpn	6.75-1932	Greatest pcpn	1.32-1973	Greatest pcpn	1.48-1927	Greatest pcpn	3.01-1940	Greatest pcpn	1.10-1968
8		9		10		11		12		13		14	
Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual
86.4 max	—	86.0 max	—	87.0 max	—	87.5 max	—	87.6 max	—	87.8 max	—	88.7 max	—
65.8 min	—	65.2 min	—	65.0 min	—	66.2 min	—	66.6 min	—	66.9 min	—	67.3 min	—
.254 pcpn	—	.069 pcpn	—	.120 pcpn	—	.095 pcpn	—	.114 pcpn	—	.057 pcpn	—	.206 pcpn	—
0 HDD	—	0 HDD	—	0 HDD	—	0 HDD	—	0 HDD	—	0 HDD	—	0 HDD	—
11 CDD	—	11 CDD	—	11 CDD	—	12 CDD	—	12 CDD	—	13 CDD	—	13 CDD	—
Highest Max	98-1981	Highest Max	100-1933	Highest Max	99-1934	Highest Max	98-1929	Highest Max	102-1953	Highest Max	98-1953	Highest Max	105-1953
Lowest Max	72-1938	Lowest Max	64-1955	Lowest Max	68-1955	Lowest Max	73-1940	Lowest Max	73-1945	Lowest Max	70-1927	Lowest Max	105-1953
Lowest Min	56-1977	Lowest Min	54-1974	Lowest Min	50-1955	Lowest Min	51-1955	Lowest Min	51-1955	Lowest Min	54-1947	Lowest Min	62-1927
Highest Min	76-1984	Highest Min	76-1941	Highest Min	75-1953	Highest Min	75-1929	Highest Min	78-1958	Highest Min	78-1958	Highest Min	51-1947
Greatest pcpn	2.60-1974	Greatest pcpn	1.43-1984	Greatest pcpn	4.48-1945	Greatest pcpn	1.61-1951	Greatest pcpn	4.74-1944	Greatest pcpn	1.66-1927	Greatest pcpn	3.93-1929
15		16		17		18		19		20		21	
Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual
88.2 max	—	88.9 max	—	87.5 max	—	88.4 max	—	89.4 max	—	90.1 max	—	89.5 max	—
66.2 min	—	66.4 min	—	66.5 min	—	67.5 min	—	67.6 min	—	67.4 min	—	67.8 min	—
.090 pcpn	—	.256 pcpn	—	.089 pcpn	—	.074 pcpn	—	.071 pcpn	—	.199 pcpn	—	.233 pcpn	—
0 HDD	—	0 HDD	—	0 HDD	—	0 HDD	—	0 HDD	—	0 HDD	—	0 HDD	—
13 CDD	—	12 CDD	—	12 CDD	—	13 CDD	—	14 CDD	—	14 CDD	—	14 CDD	—
Highest Max	103-1953	Highest Max	99-1953	Highest Max	97-1936	Highest Max	101-1936	Highest Max	100-1953	Highest Max	105-1953	Highest Max	104-1936
Lowest Max	74-1969	Lowest Max	70-1961	Lowest Max	69-1963	Lowest Max	75-1961	Lowest Max	73-1926	Lowest Max	80-1961	Lowest Max	72-1958
Lowest Min	55-1969	Lowest Min	54-1976	Lowest Min	57-1945	Lowest Min	57-1945	Lowest Min	55-1926	Lowest Min	51-1976	Lowest Min	56-1961
Highest Min	78-1953	Highest Min	77-1953	Highest Min	75-1931	Highest Min	77-1931	Highest Min	79-1953	Highest Min	76-1942	Highest Min	78-1936
Greatest pcpn	3.01-1929	Greatest pcpn	3.59-1955	Greatest pcpn	1.85-1975	Greatest pcpn	.93-1957	Greatest pcpn	1.30-1938	Greatest pcpn	.96-1932	Greatest pcpn	3.28-1948
22		23		24		25		26		27		28	
Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual
90.1 max	—	87.8 max	—	88.1 max	—	87.9 max	—	89.2 max	—	91.4 max	—	91.2 max	—
68.0 min	—	67.6 min	—	67.7 min	—	67.9 min	—	68.0 min	—	68.3 min	—	68.8 min	—
-.146 pcpn	—	.239 pcpn	—	.102 pcpn	—	.280 pcpn	—	.060 pcpn	—	.007 pcpn	—	.047 pcpn	—
0 HDD	—	0 HDD	—	0 HDD	—	0 HDD	—	0 HDD	—	0 HDD	—	0 HDD	—
14 CDD	—	13 CDD	—	13 CDD	—	13 CDD	—	14 CDD	—	15 CDD	—	15 CDD	—
Highest Max	107-1936	Highest Max	101-1933	Highest Max	103-1933	Highest Max	105-1980	Highest Max	102-1972	Highest Max	103-1980	Highest Max	105-1980
Lowest Max	78-1927	Lowest Max	73-1937	Lowest Max	67-1929	Lowest Max	68-1967	Lowest Max	71-1928	Lowest Max	81-1958	Lowest Max	81-1940
Lowest Min	56-1935	Lowest Min	58-1958	Lowest Min	54-1957	Lowest Min	51-1974	Lowest Min	50-1958	Lowest Min	52-1974	Lowest Min	56-1974
Highest Min	79-1936	Highest Min	77-1934	Highest Min	78-1937	Highest Min	79-1953	Highest Min	81-1933	Highest Min	79-1933	Highest Min	78-1931
Greatest pcpn	2.38-1957	Greatest pcpn	1.65-1963	Greatest pcpn	2.06-1948	Greatest pcpn	2.29-1960	Greatest pcpn	1.30-1959	Greatest pcpn	1.73-1939	Greatest pcpn	2.07-1939
29		30											
Normal	Actual	Normal	Actual										
92.1 max	—	91.7 max	—										
70.0 min	—	70.4 min	—										
.012 pcpn	—	.028 pcpn	—										
0 HDD	—	0 HDD	—										
16 CDD	—	16 CDD	—										
Highest Max	100-1933	Highest Max	101-1934										
Lowest Max	81-1942	Lowest Max	79-1951										
Lowest Min	63-1958	Lowest Min	59-1943										
Highest Min	78-1947	Highest Min	80-1980										
Greatest pcpn	1.14-1983	Greatest pcpn	1.09-1942										