

The Oklahoma Climatological Survey was established with its own budget and offices in the spring of 1980. The mission of the Survey is to provide a climatological archiving and information service to the State of Oklahoma. Although as many as 160 stations may appear in any one summary, it may not be possible to list every station report received at the Survey as we plan to have the summaries in the mail before the middle of each month. If you would like information about a station that does appear, please feel free to contact the Climate Survey. If you would like to know more about the services we offer or our plans for the future, please let us hear from you. You can help us by contributing to our newspaper clipping file. If you see an article in your local newspaper dealing with some impact of climate on your community, please clip it and send it to us along with the name of the newspaper and the date the article appeared.

OKLAHOMA CLIMATE SUMMARY MARCH 1987

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

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

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

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

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

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

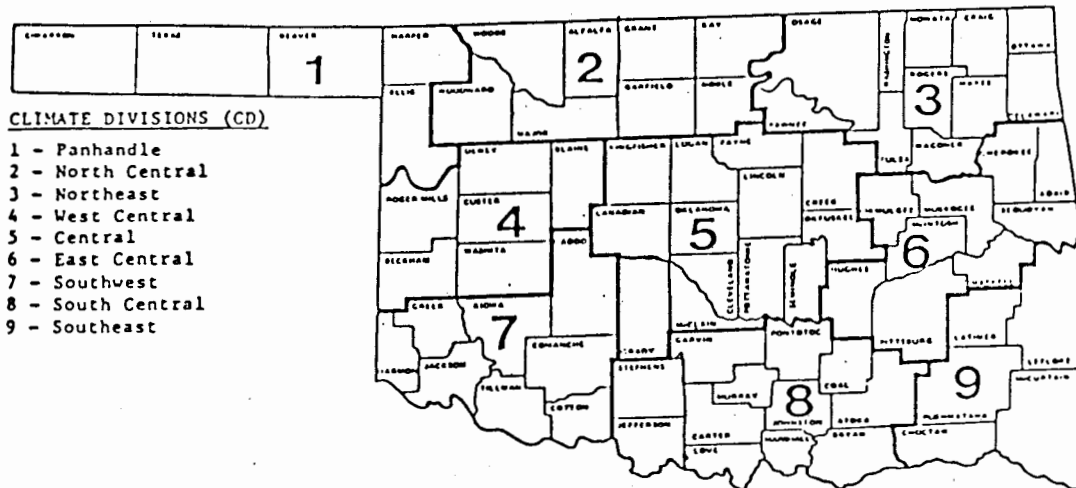
TABLE OF 1986/1987 COMPARISONS

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

* indicates missing data

EXTREMES

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



EXPLANATION OF TABLES

Two kinds of tables appear in this summary. The first is a set of tables containing all reporting stations grouped by climate division. The figure above shows the locations of the climate divisions. Each table contains the following information for each station:

Station Name:

Station Identification Number: These are usually assigned by the National Climatic Data Center.

Climate Division: See the figure above.

Number of Temperature Observations: These are the actual number of temperature reports recorded at the station during the current month. Missing observations may result in artificially high or low mean monthly temperatures.

Deviation from Normal: The deviation of the observed mean monthly temperature from the monthly station normal. A positive value indicates the month was warmer than normal. A negative value indicates the month was cooler than normal. Normal monthly temperatures may be calculated by subtracting the deviation from the observed temperature.

Maximum Daily Maximum: The maximum daily maximum temperature observed during the current month and year and the day which it occurred.

Minimum Daily Minimum: The minimum daily minimum temperature observed during the current month and year and the day which it occurred.

Heating Degree Days: HDD are calculated each day of the month for which there is a temperature report and summed. They are a qualitative measure of how much heat was required to maintain an indoor temperature of 65 degrees. Missing observations may result in an artificially high or low value. For February 1984 HDD would be calculated as:

$$29 \sum_{i=1} ((65 - TMAX_i + TMIN_i) / 2)$$

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:

$$30 \sum_{i=1} ((TMAX_i + TMIN_i)/2 - 65)$$

Deviation from normal cooling Degree Days: A positive value indicates higher than normal cooling requirements for the month as a whole. A negative value indicates lower than normal cooling requirements for the month as a whole. Normal cooling degree days may be found by subtracting the deviation from the observed cooling degree days.

Total Precipitation: Often incorrectly referred to as mean precipitation, this value is the sum of all precipitation reported during the month at a station. If snow occurred, it is to be melted and its water equivalent recorded.

Number of Precipitation Observations: The number of days a rain or no-rain observation was reported. Missing observations frequently result in artificially low total precipitation values.

Deviation from Normal Precipitation: A positive value indicates more rain than normal was received. A negative value indicates less than was expected rainfall was received. Normal rainfall may be calculated by subtracting the deviation from monthly total.

Maximum 24-Hour Report and Day: The maximum amount of precipitation recorded during the station's 24-hour observation period for the current month and year and the day on which it was recorded.

The second set of tables contain similar information but are the average or extreme over all the stations reporting in each climate division.

EXPLANATION OF MAPS

To give a Statewide perspective, a series of maps is produced each month from the information contained in the station tables. Each map is calculated using between 50 and 200 observations. Only stations with complete monthly records are used. Each observation is put into one of three categories and assigned a plus (+), minus (-), or a dot (.). The minus is the lowest numeric category, the dot is the middle and the plus the highest numeric category. If a map location has no report, a value is estimated. Each map is accompanied by its own legend. The categories will vary from month to month throughout the year. The categories for the deviations from normal maps will always remain constant. This is to facilitate comparisons between months and across years.

MARCH 1987 SUMMARY FOR NORTHWEST DIVISION (CD1)

NAME	ID	DIV	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							
ARNETT	332	1	44.8	30	-6	75	6	16	30	605.0	-9.0	0.0	-6.0	5.032	31	3.73	1.34	23	
BEAVER	593	1	44.4	29	-9	78	6	15	30	597.0	-20.0	0.0	-6.0	3.970	31	2.80	1.88	23	
BOISE CITY	908	1	43.4	31	-7	77	6	7	30	669.0	21.0	0.0	0.0	.820	31	0.00	.35	17	
BUFFALO	1243	1	47.7	31	-3	80	5	14	30	536.5	-4.5	0.0	-14.0	4.860	31	3.15	2.65	23	
FARGO	3070	1	999.0	0	999.0	999	0	999	0	999.0	9999.0	999.0	9999.0	5.972	31	4.68	2.65	17	
GATE	3489	1	45.7	30	999.0	78	5	15	29	580.5	9999.0	0.0	9999.0	4.440	30	99.99	2.70	22	
HOOKER	4298	1	42.5	31	-2.7	79	7	13	30	699.0	78.0	0.0	-7.0	1.470	31	.24	.82	24	
KENTON	4766	1	40.8	30	-3.2	76	13	10	30	725.5	74.5	0.0	0.0	.701	31	-0.06	.25	16	
LAVERNE	5045	1	999.0	0	999.0	999	0	999	0	999.0	9999.0	999.0	9999.0	3.511	31	1.97	1.31	23	
GAGE	3407	1	48.1	14	2.2	76	7	28	31	236.0	-363.0	0.0	-7.0	4.560	22	-3.38	1.28	18	
GOODWELL RES STA	3628	1	42.3	30	-2.5	76	13	12	30	681.0	49.0	0.0	-6.0	1.193	31	.41	.40	17	
GUYMON	3835	1	43.7	22	999.0	80	7	12	30	469.5	9999.0	0.0	9999.0	1.702	24	99.99	.92	17	
OPTIMA LAKE	6740	1	42.0	27	999.0	79	7	10	30	621.0	9999.0	0.0	9999.0	2.160	31	99.99	1.13	18	
REGNIER	7534	1	999.0	0	999.0	999	0	999	0	999.0	9999.0	999.0	9999.0	.800	31	.12	.33	17	

MARCH 1987 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)

NAME	ID	DIV	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							
ALVA	194	2	48.0	31	1.4	80	14	13	31	505.5	-52.5	2.0	-10.0	2.460	31	.84	.97	23	
BILLINGS	755	2	48.6	30	999.0	76	6	20	30	493.0	9999.0	0.0	9999.0	4.270	31	2.20	1.48	17	
BLACKWELL	818	2	49.0	31	999.0	79	8	20	30	496.5	9999.0	0.0	9999.0	3.637	31	99.99	1.45	17	
BRAMAN	1075	2	999.0	0	999.0	999	0	999	0	999.0	9999.0	999.0	9999.0	4.810	31	99.99	1.94	17	
CEDARDALE	1620	2	999.0	0	999.0	999	0	999	0	999.0	9999.0	999.0	9999.0	2.260	31	99.99	.79	23	
CHEROKEE	1724	2	49.0	31	1.6	79	14	19	30	471.5	-61.5	0.0	-12.0	3.900	31	1.97	2.00	23	
ENID	2912	2	50.1	31	1.0	77	20	20	30	463.0	-44.0	0.0	-14.0	3.850	31	1.96	1.22	17	
FT SUPPLY DAM	3304	2	44.5	30	-3.0	76	5	15	30	615.5	57.5	0.0	-15.0	4.650	31	3.39	1.56	17	
FREEDOM	3350	2	47.0	31	999.0	79	5	17	30	534.0	9999.0	0.0	9999.0	4.410	31	99.99	1.32	23	
GSP DAM	3740	2	49.0	30	999.0	79	14	19	30	481.5	9999.0	0.0	9999.0	4.670	31	2.84	2.05	23	
HARDY	3909	2	999.0	0	999.0	999	0	999	0	999.0	9999.0	999.0	9999.0	2.824	31	99.99	1.60	16	
HELENA	4019	2	46.7	30	999.0	76	14	19	30	548.0	9999.0	0.0	9999.0	3.171	31	1.25	1.16	17	
JEFFERSON	4753	2	49.7	31	999.0	77	20	19	30	473.0	9999.0	0.0	9999.0	3.280	31	99.99	1.34	16	
LAMONT	5013	2	999.0	0	999.0	999	0	999	0	999.0	9999.0	999.0	9999.0	5.090	31	99.99	2.25	17	
MEDFORD	5769	2	999.0	0	999.0	999	0	999	0	999.0	9999.0	999.0	9999.0	3.561	31	99.99	.97	22	
MORRISON	6065	2	999.0	0	999.0	999	0	999	0	999.0	9999.0	999.0	9999.0	2.680	31	99.99	1.43	17	
NEWKIRK	6278	2	49.8	31	2.3	77	20	20	30	471.5	-82.5	0.0	-11.0	2.731	31	.75	1.55	17	
ORIENTA	6751	2	999.0	0	999.0	999	0	999	0	999.0	9999.0	999.0	9999.0	1.810	31	99.99	.85	17	
PERRY	7012	2	49.8	23	-1	79	22	25	29	349.5	-133.5	0.0	-15.0	3.110	31	.75	1.42	17	
PONCA CITY	7201	2	49.7	23	3.2	79	20	22	30	354.5	-225.5	2.0	-5.0	2.531	25	.43	1.59	17	
RED ROCK	7505	2	999.0	0	999.0	999	0	999	0	999.0	9999.0	999.0	9999.0	3.520	31	1.27	1.58	17	
RENFROW	7556	2	999.0	0	999.0	999	0	999	0	999.0	9999.0	999.0	9999.0	4.490	31	2.58	2.10	17	
WAYNOKA	9404	2	48.0	24	-8	78	14	21	29	407.0	-111.0	0.0	-16.0	2.650	31	1.02	1.05	23	
WOODWARD	9760	2	999.0	0	999.0	999	0	999	0	999.0	9999.0	999.0	9999.0	5.113	31	3.61	1.90	23	

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

MARCH 1987 SUMMARY FOR NORTHEAST DIVISION (CD3)

NAME	ID	DIV	DEV							HEAT DEG DAY	DEV FROM NORM	COOL		TOT PPT	DEV			24-HR DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN TEMP	DAY	DAY			DEG DAY	DEG DAY		FROM NORM	FROM NORM	FROM NORM	
BARNSDALL	535	3	49.9	31	999.0	78.	20	20.	31	468.0	9999.0	0.0	9999.0	3.882	30	.77	1.46	1
BARTLESVILLE	548	3	50.6	31	1.8	79.	20	19.	31	447.5	-68.5	1.0	-13.0	2.930	31	.21	1.05	-1
BIXBY	782	3	50.1	28	1.3	81.	22	24.	31	417.0	-97.0	0.0	-12.0	3.350	30	.66	1.30	1
CHELSEA	1717	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.521	31	99.99	.82	17
CLAREMORE	1828	3	49.5	30	1.5	77.	22	21.	31	464.0	-70.0	.5	-9.5	3.166	31	.01	1.17	17
CLEVELAND	1902	3	51.0	27	999.0	80.	22	22.	30	379.5	9999.0	.5	9999.0	3.490	29	99.99	1.51	1
FORAKER	3250	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.401	31	1.01	1.60	17
JAY TOWER	4567	3	52.0	31	999.0	78.	21	22.	31	405.5	9999.0	1.0	9999.0	3.450	31	99.99	2.05	17
HOLLOW	4258	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.141	31	.00	1.15	18
HOMINY	4289	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.510	31	.69	1.57	1
KEYSTONE DAM	4812	3	46.1	17	999.0	80.	22	18.	31	320.5	9999.0	0.0	9999.0	2.220	23	99.99	1.05	24
ONETA	6713	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.210	31	99.99	1.12	1
KANSAS	4672	3	50.7	31	999.0	77.	22	22.	31	444.5	9999.0	1.0	9999.0	3.532	31	99.99	1.10	17
LENAPAH	5118	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.000	31	99.99	1.20	1
MANNFORD	5522	3	51.4	30	999.0	82.	22	21.	31	410.0	9999.0	2.0	9999.0	3.260	30	99.99	1.74	1
MARAMEC	5540	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.061	31	.61	1.43	17
MIAMI	5855	3	51.6	30	3.4	78.	19	22.	31	402.5	-128.5	1.5	-8.5	4.101	31	.66	1.32	18
NOWATA	6405	3	50.6	31	2.2	77.	22	23.	31	445.0	-79.0	0.0	-10.0	2.980	31	-.29	.90	17
PAWKUSKA	6937	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.451	31	99.99	1.34	1
PAWNEE	6940	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.170	31	.69	1.66	17
PRYOR	7309	3	49.0	30	1.3	78.	22	22.	31	456.5	-70.5	0.0	-15.0	2.850	31	-.26	.78	18
QUAPAW	7350	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.250	31	-.07	1.90	19
RALSTON	7290	3	50.9	31	999.0	79.	20	21.	31	437.0	9999.0	0.0	9999.0	4.282	31	99.99	1.65	17
RAMONA	7394	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.311	31	99.99	.98	1
SKIATOOK	8258	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.141	31	.31	1.32	17
SPAVINAW	8300	3	52.4	31	999.0	77.	23	24.	31	391.0	9999.0	.5	9999.0	3.881	31	.75	1.26	24
TULSA	8972	3	52.3	25	3.0	79.	23	26.	30	328.0	-172.0	10.0	-4.0	2.203	25	-.94	.95	24
UPPER SPAVINAW	9101	3	53.3	30	999.0	82.	20	20.	2	354.5	9999.0	4.5	9999.0	3.922	31	99.99	1.25	18
VINITA	9203	3	49.9	31	1.8	77.	22	20.	31	469.5	-64.5	0.0	-10.0	3.090	31	-.45	1.02	24
WAGONER	9247	3	52.6	31	2.1	79.	22	23.	30	387.5	-78.5	4.5	-11.5	2.290	31	-1.10	.91	17
WANN	9298	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.920	31	99.99	1.00	17
WYNONA	9792	3	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.483	31	99.99	1.50	1

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

MARCH 1987 SUMMARY FOR WEST CENTRAL DIVISION (CD4)

NAME	ID	DIV	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				
CANTON DAM	1445	4	47.3	30	-1.8	75.	7	17.	30	530.5	22.5	0.0	-15.0	2.560	29	.89	.70	17
CLINTON	1909	4	50.3	31	.8	78.	6	18.	30	456.5	-36.5	0.0	-13.0	2.300	31	.60	.87	17
COLONY	2039	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.230	31	99.99	1.18	17
CORDELL	2125	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.620	31	.99	1.55	17
ELK CITY	2849	4	46.8	31	999.0	75.	14	17.	30	564.5	9999.0	0.0	9999.0	3.113	31	1.59	.95	17
ERICK	2944	4	47.8	31	-1.7	77.	14	19.	30	532.0	41.0	0.0	-11.0	2.911	31	1.50	1.12	17
GEARY	3497	4	48.4	31	-.9	74.	20	19.	31	513.5	14.5	0.0	-12.0	1.720	31	-.02	1.20	17
HAMMON	3871	4	45.2	30	-3.7	77.	14	11.	30	595.5	80.5	0.0	-16.0	1.700	31	.14	.50	23
LEEDEY	5090	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.990	31	1.65	1.60	17
MORAVIA	6035	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.421	31	.89	.92	23
OKEENE	6629	4	49.0	31	-.9	75.	19	19.	30	495.0	13.0	0.0	-14.0	2.240	31	.42	1.25	17
RETROP	7565	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.400	31	99.99	.75	23
REYDON	7579	4	47.7	31	999.0	78.	14	15.	30	535.0	9999.0	0.0	9999.0	3.110	31	1.71	1.10	16
SAYRE	7952	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.320	31	.04	.66	23
SWEETWATER	8652	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.450	31	99.99	.92	23
TALOGA	8708	4	47.7	31	-.6	78.	14	16.	30	537.0	9.0	0.0	-10.0	2.662	31	1.04	.87	23
THOMAS	8815	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.520	31	99.99	1.25	18
VICI	9172	4	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.970	31	99.99	1.39	23
WATONGA	9364	4	49.0	31	999.0	75.	20	19.	30	497.0	9999.0	0.0	9999.0	2.850	31	1.07	1.66	17
WEATHERFORD	9422	4	48.2	30	-1.7	75.	6	17.	30	503.0	21.0	0.0	-14.0	2.131	31	.54	1.10	17

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

MARCH 1987 SUMMARY FOR CENTRAL DIVISION (CD5)

NAME	ID	DIV	DEV						HEAT		DEV		COOL		DEV		DEV	
			MEAN	NUM	FROM	MAX	MIN	DAY	DEG	FROM	DEG	FROM	TOT	NUM	FROM	MAX	24-HR	DAY
			TEMP	OBS	NORM	TEMP	DAY	TEMP	DAY	DAY	NORM	DAY	NORM	PPT	OBS	NORM	24-HR	DAY
AMBER	200	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.680	31	99.99	1.15	17
TINKER AFB	325	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.894	24	99.99	1.26	17
BLANCHARD	830	5	51.1	31	999.0	78.	20	21.	30	431.0	9999.0	0.0	9999.0	3.502	31	99.99	2.82	17
BRISTOW	1144	5	51.9	31	1.4	79.	20	22.	31	409.0	-57.0	2.0	-15.0	2.140	31	-41	1.05	16
CHANDLER	1684	5	51.6	31	.9	78.	23	22.	30	417.0	-44.0	2.5	-14.5	2.970	31	.68	1.80	16
CHICKASHA RES STA	1750	5	50.0	30	-1.6	79.	19	22.	30	449.0	14.0	0.0	-19.0	1.840	31	-1.0	.97	17
COX CITY	2196	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.550	31	99.99	3.05	16
CRESCENT	2242	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.440	31	99.99	1.64	17
CUSHING	2318	5	50.7	30	2.3	78.	20	22.	31	433.0	-99.0	3.5	-13.5	2.080	31	-39	1.80	17
EL RENO	2818	5	48.6	31	-9	77.	20	17.	17	508.0	15.0	0.0	-13.0	1.870	31	.02	1.33	17
GUTHRIE	3821	5	51.7	30	1.9	80.	20	22.	30	402.0	-82.0	2.0	-11.0	4.601	31	2.59	1.80	17
HENNESSEY	4955	5	49.5	31	.6	76.	20	21.	30	479.0	-33.0	0.0	-13.0	2.931	31	1.07	1.36	17
INGALLS	4489	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.281	31	99.99	1.56	17
KINGFISHER	4861	5	49.6	31	-.0	77.	20	21.	30	478.0	-12.0	0.0	-12.0	2.740	31	.98	1.46	17
KINGFISHER CREEK	4862	5	50.2	30	999.0	77.	19	21.	30	445.0	9999.0	0.0	9999.0	2.740	31	99.99	1.46	17
UJC KINGFISHER	4864	5	50.0	30	999.0	77.	19	21.	30	450.0	9999.0	0.0	9999.0	2.740	31	99.99	1.46	17
KONDWA	4915	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.312	31	.42	1.43	17
MARSHALL	5599	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.000	31	2.01	1.92	17
MEEKER	5779	5	50.3	29	.2	77.	20	22.	30	426.5	-48.5	0.0	-13.0	3.040	29	.61	1.88	17
MULHALL	6110	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.270	31	99.99	1.52	17
NORMAN	6386	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.634	31	.30	1.59	17
OILTON	6616	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.170	31	99.99	1.26	1
OKEMAH	6638	5	51.1	31	.0	78.	8	23.	30	430.5	-19.5	.5	-18.5	3.560	31	.86	1.30	1
OKLAHOMA CITY	6661	5	50.0	25	.9	77.	20	22.	30	376.0	-130.0	0.0	-13.0	2.333	25	.26	1.37	17
FERKINS	7003	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.060	31	-35	1.45	17
PIEDMONT	7068	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.251	31	99.99	2.25	17
FRAGUE	7264	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.772	31	-74	.78	1
FURCELL	7327	5	50.6	31	.2	77.	20	22.	30	446.0	-29.0	0.0	-23.0	2.950	31	.58	1.60	17
SEMINOLE	8042	5	52.9	31	.5	78.	20	24.	30	380.0	-31.0	3.5	-17.5	3.620	31	1.04	1.57	17
SHAWNEE	8110	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.770	31	.26	2.02	17
STELLA	8479	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.980	31	99.99	1.82	17
STILLWATER	8501	5	49.5	30	.7	76.	22	22.	30	465.0	-50.0	0.0	-12.0	3.370	31	1.18	1.40	17
STROUD	8563	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.831	31	99.99	1.61	1
TROUSDALE	8960	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.911	31	99.99	1.72	17
UNION CITY	9086	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.751	31	-.62	1.03	17
WELTY	9479	5	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.192	30	99.99	1.35	1

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

MARCH 1987 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

NAME	ID	DIV	DEV						HEAT	DEV	COOL	DEV	DEV					
			MEAN	NUM	FROM	MAX	MIN	DAY	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
ASHLAND	364	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.102	31	99.99	1.34	17
BEGGS	631	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.080	31	99.99	1.38	24
BOYNTON	1027	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.552	31	99.99	1.13	17
CALVIN	1391	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.794	31	.41	1.58	17
CHECOTAH	1711	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.243	31	.90	1.36	17
DEWAR	2485	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.011	31	-.11	1.29	1
DUSTIN	2690	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.870	31	99.99	1.30	17
EUFUALA	2993	6	53.0	31	999.0	81.	22	28.	31	377.0	9999.0	3.5	9999.0	3.492	31	-.48	1.60	17
HANNA	3884	6	52.1	31	999.0	79.	22	21.	31	403.0	9999.0	2.0	9999.0	3.211	31	-.48	1.72	1
HARTSHORNE	3946	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.360	31	99.99	1.31	17
HASKELL	3956	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.351	31	.18	1.16	17
HOLDENVILLE	4235	6	50.5	29	-1.2	76.	20	24.	31	420.0	-10.0	0.0	-18.0	3.250	31	.27	1.20	1
LAKE EUFUALA	4975	6	53.0	30	999.0	82.	22	27.	30	362.5	9999.0	3.5	9999.0	3.240	31	99.99	1.80	17
LYONS	5437	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.950	31	-.99	2.80	17
MCALESTER	5664	6	52.2	25	.9	80.	22	24.	31	326.5	-114.5	6.0	-11.0	2.642	25	-1.21	1.73	17
MCCURTAIN	5693	6	54.0	31	999.0	82.	22	22.	31	349.0	9999.0	8.0	9999.0	3.383	31	-.53	1.33	17
MUSKOGEE	6130	6	53.4	31	2.3	80.	23	23.	31	370.0	-78.0	11.5	-5.5	2.341	31	-.90	.97	16
OKMULGEE WATER WORK	6670	6	51.3	31	-.0	79.	22	24.	31	428.0	-20.0	2.0	-21.0	2.800	31	-.15	1.48	17
OKTAHA	6678	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.120	31	99.99	1.11	17
QUINTON	7372	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.903	31	-.79	2.12	17
SALLISAW	7862	6	52.0	31	.7	81.	22	20.	31	407.0	-35.0	5.0	-13.0	4.590	31	.79	1.65	17
SCIPID	7979	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.600	31	99.99	1.40	1
SCRAFER	7993	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.550	31	99.99	1.08	24
SHORT	8170	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.681	31	99.99	2.00	17
STILWELL	8306	6	51.1	31	999.0	78.	22	19.	31	435.5	9999.0	3.5	9999.0	6.294	31	99.99	1.94	17
TAHLEQUAH	8677	6	52.2	31	2.2	79.	22	19.	31	399.5	-80.5	3.0	-12.0	4.500	31	.86	1.64	17
WEBBERS FALLS	9445	6	51.7	30	2.5	80.	22	23.	31	402.0	-99.0	3.5	-7.5	3.701	31	.11	1.28	17
WESTVILLE	9523	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.920	31	99.99	1.79	17
WETUMKA	9571	6	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.134	31	1.01	1.55	1

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

MARCH 1987 SUMMARY FOR SOUTHWEST DIVISION (CD7)

NAME	ID	DIV	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
ALTUS IRR STA	179	7	51.4	31	-1.1	80.	14	21.	30	421.0	14.0	0.0	-19.0	1.640	31	.36	.65	23
ALTUS DAM	184	7	49.3	30	999.0	78.	14	23.	30	473.0	9999.0	1.5	9999.0	1.770	31	.47	.70	17
ANADARKO	224	7	50.0	29	-1.1	79.	5	20.	30	436.0	-8.0	0.0	-13.0	1.450	30	-.41	.82	17
CARNEGIE	1504	7	50.0	31	-.8	76.	20	20.	30	466.0	11.0	0.0	-14.0	1.590	31	-.06	1.00	17
CHATTANOOGA	1706	7	50.5	31	-1.8	75.	20	23.	30	450.5	38.5	0.0	-19.0	2.321	31	.58	1.36	17
DUNCAN	2668	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.682	31	99.99	1.10	22
FLETCHER	3191	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.350	11	99.99	.35	23
FREDERICK	3353	7	50.2	30	-3.6	77.	20	22.	30	443.5	66.5	0.0	-29.0	1.821	31	.12	.61	17
GRANDFIELD	3709	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.060	31	1.29	1.65	17
HOLLIS	4249	7	48.9	26	-3.4	82.	14	19.	30	419.0	6.0	0.0	-20.0	1.630	27	.58	.88	15
ALTUS AFB	447	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	.700	18	99.99	.41	23
HOBART	4204	7	48.2	19	-1.1	77.	20	20.	30	318.5	-178.5	0.0	-10.0	.690	22	-.58	.60	23
LAWTON	5063	7	49.7	30	-2.3	76.	19	23.	30	460.0	36.0	0.0	-21.0	1.932	31	.10	1.10	16
FORT SILL	5068	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.121	23	-.71	.94	17
LOCO	5247	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.680	31	99.99	2.46	17
LOOKEBA	5329	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.820	31	99.99	.78	17
MANGUM RES STA	5509	7	51.0	31	-.9	80.	14	21.	30	435.5	9.5	0.0	-20.0	2.070	31	.89	1.01	17
RANDLETT	7403	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.260	31	99.99	.96	16
ROOSEVELT	7727	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.020	31	-.30	.62	17
SEDAN	8016	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.330	31	99.99	.90	16
SYNDER	8299	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.393	31	-.04	.89	13
VINSON	9212	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.640	31	.36	.59	23
WALTERS	9278	7	51.7	31	-1.4	79.	20	24.	30	413.0	20.0	0.0	-24.0	2.300	31	.17	.88	17
WICHITA MT REF	9629	7	46.7	30	-4.2	74.	20	10.	30	540.0	91.0	0.0	-20.0	2.130	31	.24	1.40	17
WILLOW	9668	7	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.251	31	99.99	1.15	17

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

MARCH 1987 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

NAME	ID	DIV	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							
ADA	17	8	52.4	31	-.0	77.	22	24.	30	393.0	-20.0	1.0	-22.0	2.941	31	.04	1.63	17	
ALLEN	147	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.800	31	99.99	2.25	17	
ATOKA DAM	394	8	52.0	30	999.0	80.	22	25.	31	394.5	9999.0	4.0	9999.0	3.440	31	99.99	1.42	17	
BOKCHITO	917	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.570	31	99.99	2.75	17	
CANEY	1437	8	53.0	30	999.0	79.	20	26.	30	362.5	9999.0	2.5	9999.0	2.100	31	99.99	1.40	17	
CHICKASAW NRA	1745	8	51.5	30	999.0	77.	20	24.	30	407.5	9999.0	2.0	9999.0	4.000	31	99.99	1.53	17	
COLEMAN	2011	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.000	31	99.99	1.80	17	
COMANCHE	2054	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.392	31	99.99	1.90	22	
DAISY	2354	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.482	31	.64	1.85	17	
DURANT USDA	2678	8	53.0	30	999.0	81.	21	23.	30	367.5	9999.0	6.5	9999.0	2.630	31	-.64	1.77	17	
ELMORE CITY	2872	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.902	31	99.99	1.50	22	
FARRIS	3003	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.240	31	99.99	1.89	17	
GRADY	3688	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.250	31	99.99	1.44	17	
HENNIPIEN	4052	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.690	31	99.99	1.80	16	
HEALDTON	4001	8	50.5	20	999.0	70.	20	23.	30	406.5	9999.0	0.0	9999.0	2.631	29	.17	1.65	17	
KINGSTON	4865	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.980	31	1.82	1.71	17	
LEHIEGH	5100	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.012	31	99.99	1.55	17	
LINDSAY	5216	8	51.0	31	999.0	70.	20	23.	30	433.0	9999.0	0.0	9999.0	3.540	31	1.28	2.28	17	
LOCO	5247	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.680	31	99.99	2.46	17	
MADILL	5460	8	52.6	31	-1.0	79.	22	26.	30	380.0	10.0	3.5	-21.5	2.620	31	-.39	1.67	17	
MARIETTA	5563	8	53.5	31	-.3	79.	21	25.	30	360.5	-10.5	4.0	-20.0	2.570	31	-.18	1.52	17	
MARLOW	5581	8	51.1	31	999.0	70.	20	21.	30	430.0	9999.0	0.0	9999.0	1.890	31	-.11	.71	17	
MCGEE CREEK	5713	8	52.7	30	999.0	82.	21	24.	31	371.0	9999.0	2.5	9999.0	4.260	31	99.99	2.11	17	
OSWALT	6787	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	1.881	31	99.99	1.51	13	
PAULS VALLEY	6926	8	51.5	31	-1.1	70.	20	23.	30	419.0	14.0	.5	-20.5	3.431	31	1.13	1.65	17	
PONTOTOC	7214	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.850	31	-.44	2.00	17	
TISHOMINGO	8004	8	51.2	22	999.0	70.	20	22.	30	303.5	9999.0	.5	9999.0	4.290	28	1.12	2.01	1	
TUSSY	9032	8	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	2.841	31	99.99	1.85	17	
WAURIKA	9395	8	52.5	31	-1.7	80.	20	24.	30	387.0	23.0	0.0	-30.0	1.580	31	-.36	.60	17	

Note: 9999.0, 999.0, 99.99 indicate missing records,
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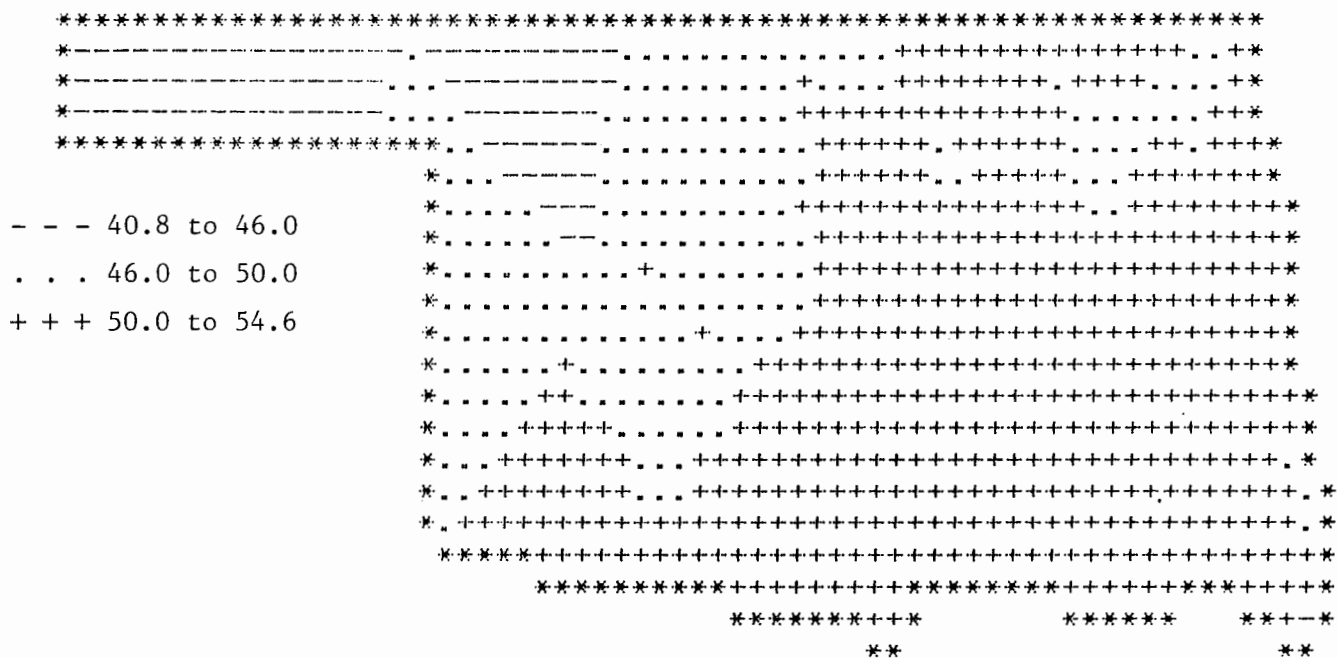
MARCH 1987 SUMMARY FOR SOUTHEAST DIVISION (CD9)

NAME	ID	DIV	DEV							HEAT	DEV	COOL	DEV	DEV				
			MEAN	NUM	FROM	MAX	MIN		DAY	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
ANTLERS	256	9	53.9	31	1.1	81.	22	30.	31	348.0	-50.0	3.0	-17.0	2.990	31	-5.8	2.60	17
BATTIEST	567	9	51.7	29	999.0	78.	22	19.	31	385.0	9999.0	.5	9999.0	3.900	30	99.99	1.80	17
BEAR MT TW	584	9	54.6	30	999.0	80.	20	25.	31	317.5	9999.0	5.0	9999.0	4.590	31	.15	2.60	17
BENGAL	670	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.020	31	99.99	1.53	17
BOSWELL	900	9	53.8	31	999.0	80.	21	24.	31	350.0	9999.0	2.0	9999.0	3.051	31	-.27	2.45	17
BROKEN BOW	1162	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.720	31	.25	3.60	17
BROKEN BOW DAM	1160	9	52.2	30	999.0	82.	21	22.	31	383.0	9999.0	0.0	9999.0	5.040	31	99.99	3.50	17
BUFFALO MT TW	1251	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.070	31	99.99	1.62	17
CARNASAW TW	1499	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.690	31	1.04	3.79	17
CARTER TW	1544	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	5.740	31	1.17	2.85	17
FANSHANE	3065	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.770	31	-.65	1.50	17
HEAVENER	4008	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	6.080	31	1.93	2.30	22
HUGO	4384	9	53.9	31	-.7	79.	22	27.	31	347.5	.5	3.5	-20.5	3.490	31	-.31	2.35	17
IDABEL	4451	9	53.5	30	-.4	81.	22	25.	30	345.5	-18.5	1.0	-19.0	5.000	31	.64	2.43	17
JADIE TOWER	4560	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.940	31	99.99	2.83	17
POTEAU WATER WORKS	7254	9	51.0	31	999.0	83.	22	22.	30	443.5	9999.0	9.5	9999.0	3.590	31	99.99	1.49	16
SMITHVILLE	8285	9	49.8	31	999.0	79.	22	18.	31	470.5	9999.0	0.0	9999.0	4.620	31	99.99	2.45	17
SPIRO	8416	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	4.311	31	.17	1.71	17
TUSKAHOMA	9023	9	53.1	31	999.0	81.	21	19.	31	379.0	9999.0	11.0	9999.0	3.800	31	99.99	1.76	17
VALLIANT	9118	9	999.0	0	999.0	999.	0	999.	0	999.0	9999.0	999.0	9999.0	3.740	31	-.47	2.05	17
ZOE	9985	9	51.8	30	999.0	83.	20	18.	31	400.0	9999.0	5.0	9999.0	5.670	31	1.25	2.10	17

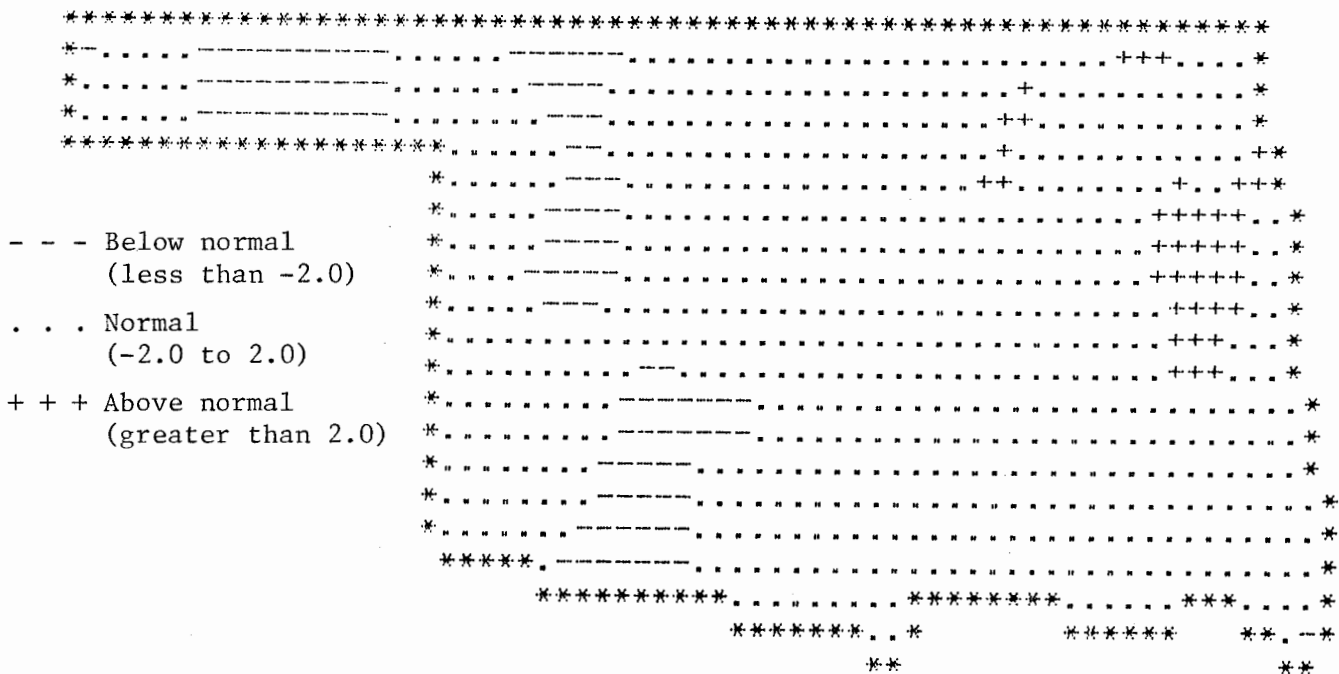
MARCH 1987 CLIMATE DIVISION SUMMARY

CLIMATE	MEAN	NUM	DEV							HEAT	DEV	COOL	DEV	DEV		
			TEMP	STA	NORM	TEMP	DAY	TEMP	DAY	DAYS	NORM	DAYS	NORM	PPT	STA	NORM
1	43.7	9	-1.6	80.0	7	7.0	30	634.9	19.6	0.0	-5.7	2.91	12	1.78	2.70	22
2	48.5	11	.4	80.0	14	13.0	31	504.8	-31.6	.2	-12.6	3.61	23	1.73	2.25	17
3	51.0	16	2.3	82.0	20	18.0	31	423.7	-92.5	1.1	-11.3	3.30	30	.29	2.05	17
4	48.0	11	-1.3	78.0	14	11.0	30	523.6	23.8	0.0	-13.1	2.51	20	.94	1.66	17
5	50.6	16	.5	80.0	20	17.0	17	440.6	-38.4	.9	-15.0	2.96	34	.67	3.05	16
6	52.2	11	1.4	82.0	22	19.0	31	395.8	-59.9	4.1	-12.9	3.65	28	.15	2.80	17
7	50.0	10	-1.8	82.0	14	18.0	30	454.6	26.9	.2	-18.9	2.04	21	.48	2.46	17
8	52.1	13	-1.2	82.0	21	21.0	30	393.8	7.6	2.0	-22.6	3.15	29	.35	2.75	17
9	52.7	11	-1.1	83.0	20	18.0	31	379.0	9.4	3.7	-17.7	4.42	21	.23	3.79	17

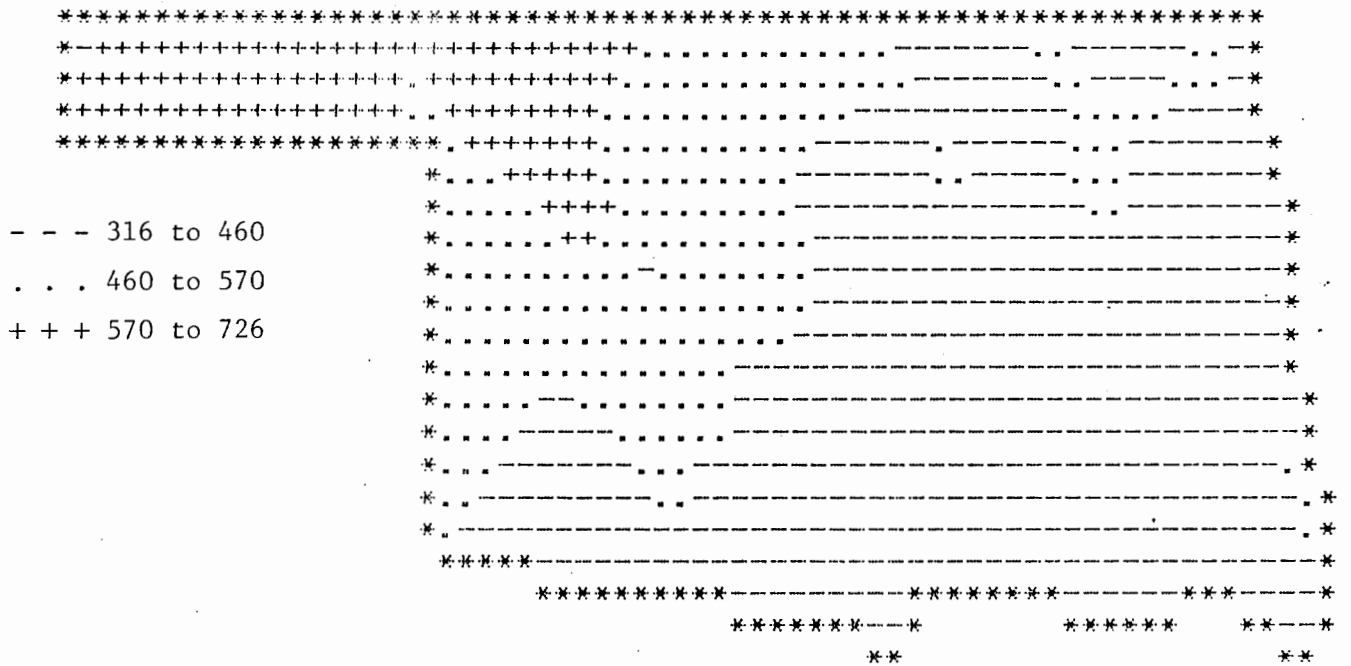
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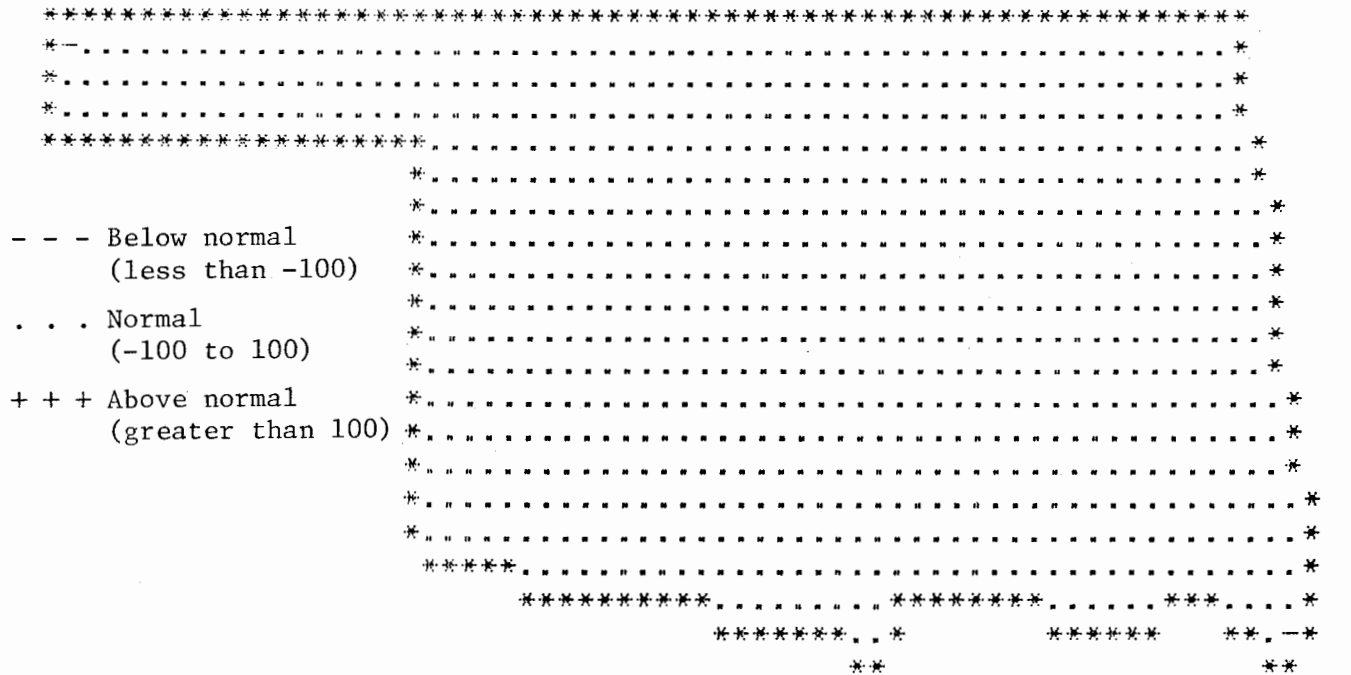
MARCH 1987 MEAN MONTHLY TEMPERATURE
(Degrees F)



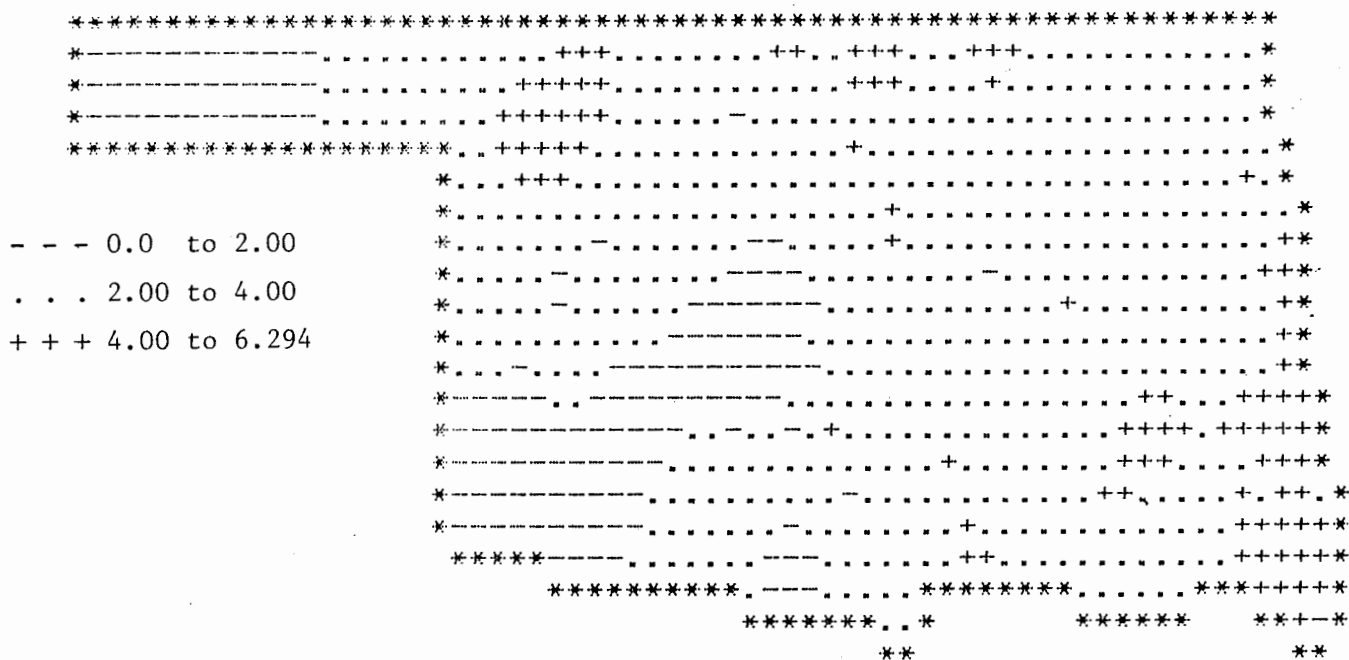
MARCH 1987 DEVIATION FROM NORMAL TEMPERATURE



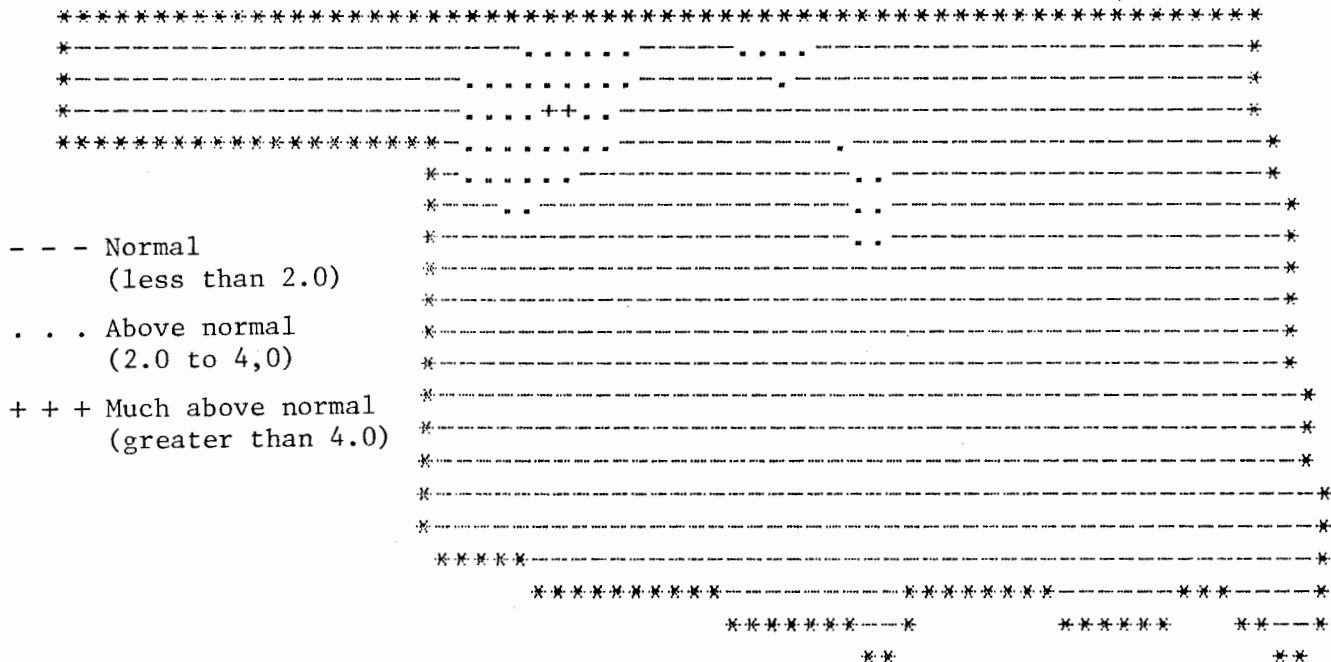
MARCH 1987 TOTAL HEATING DEGREE DAYS



MARCH 1987 DEVIATION FROM NORMAL HEATING DEGREE DAYS



MARCH 1987 TOTAL PRECIPITATION (Inches)



MARCH 1987 DEVIATION FROM NORMAL PRECIPITATION

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).

MAY 1987
CLIMATE CALENDAR

<p>1</p> <p>Normal 71.9 max 51.5 min .108 pcpn 4 HDD 1 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 93-1948 53-1966 39-1961 65-1959 1.63-1954</p>	<p>2</p> <p>Normal 73.3 max 51.5 min .156 pcpn 4 HDD 2 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 94-1943 52-1954 39-1961 69-1959 1.53-1975</p>	<p>3</p> <p>Normal 74.7 max 53.0 min .125 pcpn 4 HDD 3 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 92-1940 49-1978 32-1954 70-1949 2.48-1979</p>	<p>4</p> <p>Normal 76.1 max 53.8 min .125 pcpn 3 HDD 3 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 90-1943 44-1935 36-1954 70-1949 1.71-1941</p>	<p>5</p> <p>Normal 76.0 max 56.7 min .150 pcpn 2 HDD 4 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 94-1940 50-1935 40-1935 69-1940 1.58-1967</p>	<p>6</p> <p>Normal 77.5 max 55.3 min .128 pcpn 2 HDD 4 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 94-1954 61-1960 37-1944 70-1986 2.61-1930</p>	<p>7</p> <p>Normal 77.6 max 55.0 min .059 pcpn 2 HDD 4 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 88-1934 58-1972 42-1938 71-1927 1.60-1988</p>	<p>8</p> <p>Normal 78.5 max 55.2 min .135 pcpn 2 HDD 4 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 91-1933 50-1943 38-1938 70-1927 3.09-1959</p>	<p>9</p> <p>Normal 77.9 max 57.2 min .169 pcpn 2 HDD 4 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 90-1927 55-1943 44-1969 70-1963 3.37-1943</p>	<p>10</p> <p>Normal 74.8 max 57.2 min .316 pcpn 2 HDD 4 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 96-1967 53-1954 42-1946 71-1963 1.43-1934</p>	<p>11</p> <p>Normal 75.6 max 55.7 min .098 pcpn 3 HDD 4 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 93-1963 54-1954 37-1981 70-1933 4.30-1929</p>	<p>12</p> <p>Normal 75.2 max 55.1 min .108 pcpn 2 HDD 3 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 90-1986 60-1966 39-1979 72-1956 3.11-1967</p>	<p>13</p> <p>Normal 76.2 max 55.4 min .152 pcpn 3 HDD 4 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 95-1984 49-1953 39-1971 68-1974 2.58-1983</p>	<p>14</p> <p>Normal 78.0 max 55.3 min .108 pcpn 2 HDD 4 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 92-1952 55-1934 41-1953 68-1974 2.48-1986</p>	<p>15</p> <p>Normal 78.8 max 57.0 min .059 pcpn 1 HDD 4 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 90-1931 47-1945 38-1942 70-1948 2.73-1980</p>	<p>16</p> <p>Normal 81.4 max 58.5 min .142 pcpn 0 HDD 6 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 92-1966 56-1945 41-1945 75-1974 1.81-1986</p>	<p>17</p> <p>Normal 79.4 max 58.8 min .299 pcpn 1 HDD 5 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 96-1966 63-1935 39-1945 74-1974 3.17-1951</p>	<p>18</p> <p>Normal 80.5 max 58.8 min .116 pcpn 1 HDD 6 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 95-1956 65-1957 45-1976 72-1938 1.05-1951</p>	<p>19</p> <p>Normal 81.0 max 58.6 min .275 pcpn 1 HDD 6 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 96-1973 66-1955 46-1971 71-1933 3.35-1955</p>	<p>20</p> <p>Normal 79.8 max 59.1 min .335 pcpn 1 HDD 6 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 93-1956 63-1942 43-1981 73-1933 2.74-1979</p>	<p>21</p> <p>Normal 81.9 max 60.4 min .142 pcpn 1 HDD 7 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 95-1953 56-1968 47-1942 73-1953 1.21-1940</p>	<p>22</p> <p>Normal 81.8 max 60.9 min .208 pcpn 1 HDD 7 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 98-1939 58-1963 42-1931 74-1953 2.62-1975</p>	<p>23</p> <p>Normal 80.4 max 60.5 min .190 pcpn 1 HDD 6 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 99-1939 60-1935 48-1963 72-1953 3.09-1952</p>	<p>24</p> <p>Normal 79.9 max 61.0 min .123 pcpn 0 HDD 6 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 94-1939 63-1947 42-1935 72-1939 1.90-1957</p>	<p>25</p> <p>Normal 82.0 max 61.6 min .168 pcpn 0 HDD 7 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 93-1962 69-1976 47-1947 72-1937 1.49-1968</p>	<p>26</p> <p>Normal 81.9 max 60.1 min .352 pcpn 1 HDD 7 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 95-1953 57-1950 49-1968 71-1953 2.00-1959</p>	<p>27</p> <p>Normal 81.4 max 59.1 min .222 pcpn 1 HDD 6 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 96-1927 64-1976 43-1961 76-1927 2.89-1978</p>	<p>28</p> <p>Normal 81.4 max 60.9 min .192 pcpn 0 HDD 6 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 91-1926 62-1932 43-1947 71-1942 2.18-1932</p>	<p>29</p> <p>Normal 83.1 max 60.9 min .328 pcpn 0 HDD 8 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 94-1985 62-1947 39-1947 73-1974 5.63-1970</p>	<p>30</p> <p>Normal 83.3 max 62.6 min .194 pcpn 0 HDD 8 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 104-1985 66-1975 45-1947 74-1974 2.30-1929</p>	<p>31</p> <p>Normal 82.2 max 62.8 min .235 pcpn 0 HDD 8 CDD Highest Max Lowest Max Lowest Min Highest Min Greatest pcpn</p> <p>Actual 98-1928 69-1964 48-1975 74-1969 1.64-1968</p>
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