

OKLAHOMA CLIMATOLOGICAL SURVEY

710 ASP, SUITE 8
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OKLAHOMA ANNUAL SUMMARY 1985

CONTENTS

	<u>Page</u>
1985 Summary of the Year.....	2
1985 Station Summaries	
A. Temperature.....	5
B. Precipitation.....	8
C. Heating Degree Days.....	14
D. Cooling Degree Days.....	17
1985 Maps	
A. Mean Annual Temperature	20
B. 1955-1984 Long-Term Mean Annual Temperature.....	20
C. Precipitation.....	21
D. 1955-1984 Long-Term Annual Precipitation.....	21
E. Heating Degree Days.....	22
F. Cooling Degree Days.....	22
Summary of 1985 Climate Division Weekly Palmer Drought Indices.....	23
Summary of 1985 Climate Division Weekly Crop Moisture Indices.....	25
Summary of 1985 Climate Division Weekly Soil Moisture Estimates (expressed as percent of field capacity).....	27
1985 Storm Summary Report.....	30
1985 User Services.....	31
1985 Reports and Publications.....	31
1985 OCS Staff.....	32
OCS Enabling Legislation.....	33

1985 SUMMARY OF THE YEAR

1985 contained unusual extremes of both temperature and precipitation. A brief period of unusually high temperatures combined with high relative humidities created hazardous health conditions in late May. Freezing temperatures surprised many Oklahomans in late September and wet conditions throughout the year resulted in a variety of mud and flood related problems. Based only on stations possessing complete records for the year, the warmest mean annual temperature, 63.5°F, was reported at Marietta. The coolest spot in the state was Goodwell, which recorded a mean annual temperature of 54.7 degrees, 1.8 degrees below normal. The driest spot in Oklahoma during 1985 was Sweetwater, which recorded only 24.98 inches of precipitation. The wettest location was Wagoner, which recorded 61.02 inches of rainfall during the year, 151% of normal.

There were 35 tornadoes and 32 funnel clouds reported during 1985, which resulted in no deaths and 35 injuries. There were 3 deaths and 22 injuries attributed to windstorms and lightning. Six injuries were associated with heavy snowstorms and blizzards. There were 29 flood and flash flooding events during 1985 which resulted in 8 deaths. Total economic losses associated with all storm events was estimated to range from \$16.9 to \$169 million (NWS storm summary estimates).

January 1985 was characterized by cold wet weather. A New Year's Eve rain, ice and snow storm accompanied by high winds resulted in structural damage, power outages and numerous automobile accidents. Bitterly cold air followed a fast moving cold front which dropped air temperatures 20 degrees in less than 2 hours. A snow storm closed the month with accumulations of 5 to 6 inches of snow. January extremes included a low temperature of -13°F on January 19 at Miami, a high temperature of 70°F on January 19 at Marietta and a 24-hour precipitation maximum of 2.74 inches for the period ending January 4 at Vinita.

February was abnormally wet and many locations set new February precipitation records. The snowstorm which began at the end of January eventually dumped up to 9 inches of snow on southeastern Oklahoma. February 20-24 brought nearly continuous rainfall. Four-day precipitation totals included 7.28 inches at Ramona, 7.41 inches at Ingalls, 7.65 inches at Hominy and 9.17 inches at Stella. February extremes included a low temperature of -8°F on February 6 at Waynoka, a high temperature of 79° on February 15 at Guymon and a 24-hour precipitation maximum of 7.46 inches for the period ending on February 23 at Stella.

March was a third consecutive wet month. Nearly all areas of the state indicated warmer and wetter than normal March conditions. Several new March and January through March total precipitation records were set. Extremes were a low temperature of 11°F on March 4 at Boise City, a high temperature of 90°F on March 7 at Hugo and a 24-hour precipitation maximum of 5.71 inches for the period ending March 30 at Tishomingo.

April was another in a growing series of unusually wet spring months. Severe thunderstorms containing 70 to 100 mph winds were reported in Washita County on April 4. A "freak" hail storm was reported in Buffalo on the afternoon of April 12. Hail reportedly fell for two and one-half hours in a small area surrounding Buffalo which resulted in hail accumulations of 3 to 20 inches. Later, there were reports of drifts of hail 3 to 5 feet

deep. Extremes for April included a low temperature of 23°F on April 1 at Beaver, a high temperature of 90°F on several days and at several locations and a 24-hour precipitation maximum of 7.47 inches for the period ending April 22 at Caney.

In contrast to the cool wet spring weather of earlier months, May was warm and dry across most of Oklahoma. A heat wave ended the month, which, combined with high relative humidities, produced hazardous health conditions. Fortunately, humidities dropped rapidly on May 30, a day when many new record high temperatures were reported. May extremes included a low temperature of 36°F on May 2 at Zoe, a high temperature of 109°F on May 30 at Mangum and a 24-hour precipitation maximum of 9.15 inches for the period ending on May 1 at Kansas, Oklahoma.

June witnessed the return of wet weather to the state. In contrast to earlier spring rainfall events, June thunderstorms were more local in nature with less widespread flooding. On June 4, Tulsa experienced high water after more than 6 inches of rain fell on northeastern Creek County. Ardmore recorded 9.97 inches of rain in 30 hours. A wind storm on June 4 snapped 98 power transmission poles along a narrow two-mile stretch in far northern Oklahoma City. Although there was some flooding, no other substantial wind damage was reported in the area. Extremes during June included a low temperature of 50°F on May 18 at Chattanooga, a high temperature of 105°F on May 8 at Helena and a 24-hour maximum precipitation event of 6.65 inches for the period ending May 9 at Hardy.

Below normal monthly temperatures and precipitation dominated the state during July. Locally heavy rainfall, sometimes accompanied by high winds and large hail, were reported on July 2, 4, 15, 16, 19, 21, 25 and 26. Extremes for July included a low temperature of 53°F on July 15 at El Reno, a high temperature of 108°F on July 13 at Guymon and a 24-hour maximum precipitation total of 5.5 inches for the period ending July 3 at Antlers.

August was the hottest, driest month of 1985. A swift moving hail storm damaged Stilwell homes, vehicles and business buildings. Losses were unofficially estimated at \$1 million. The local cooperative observer reported 1-1/2 to 2 inch diameter hail. The stones were observed to have jagged edges which, combined with high winds, were blamed for the unusually extensive damage from such a brief event. Extremes during August included a low temperature of 43°F on August 13 at Reydon, a high temperature of 109° on August 11 at Cherokee and a 24-hour precipitation maximum of 4.55 inches for the period ending August 13 at Hardy.

In September, unusually cool temperatures were reported in the Panhandle. A temperature of 27 degrees, which was reported at Guymon on the 30th, is expected fewer than 10 times in 100 years. Precipitation was above normal in all but east central Oklahoma. September extremes included a low temperature of 27°F on September 30 at Guymon, a high temperature of 112° on September 7 at Atoka Dam and a 24-hour precipitation maximum of 4.92 inches for the period ending on September 14 at Chelsea.

October 1985 was another cool wet month across Oklahoma. Beggs, in east central Oklahoma, reported that 12.47 inches of rain fell between 2:00 a.m. on October 13 and 7:00 a.m. on October 15. October extremes included a low temperature of 26°F at Guymon on October 31, a high temperature of 90°F on October 7 at Hollis and a 24-hour precipitation maximum of 9.11 inches for the period ending on October 14 at Beggs.

November temperatures ranged from 4 to 5 degrees below normal to more than 2 degrees above normal. Precipitation ranged from 146% above normal to 23% below the 30-year normal. A hail storm which hit Tulsa and Broken Arrow on November 13 resulted in an estimated \$37 million in damage claims for autos. The National Weather Service reported that this damage resulted from a 15-minute storm about 3:00 p.m. which dumped golf-ball size hail and almost 1-1/2 inches of rain on these locations. The first major winter storm of 85/86 moved into the state on November 30, bringing with it snow, sleet, gusty winds, hail and, eventually, sub-zero wind chill factors. Extremes for November included a low temperature of 10°F on November 30 at Miami, a maximum temperature of 83°F on November 9 at Lawton and a 24-hour precipitation maximum of 5.2 inches for the period ending on November 15 at Wilburton.

1985 ended on a dry, cool note with precipitation at most locations running at only 50.7% to 62.7% of normal. Regional mean monthly temperatures were 4 to nearly 7 degrees below normal. December extremes included a low temperature of -2°F on December 2 at Guymon, a high temperature of 80°F on December 6 at Durant and a 24-hour precipitation maximum of 2.88 inches for the period ending December 11 at Idabel.

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL
		TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	
ADA	17	33.2	-6.4	37.8	-6.9	55.6	3.2	63.5	1.0	70.8	1.1	77.0	-0.7	81.9	-0.8	82.9	1.2	75.3	0.7	62.9	-1.5	51.0	-0.8	37.5	-6.0	60.6
ALTUS IR ST	179	36.6	-2.7	41.4	-3.3	55.1	2.6	64.2	0.9	73.2	1.6	79.3	-1.2	84.8	-0.6	85.5	2.4	76.7	1.3	63.0	-1.6	50.0	-1.2	38.0	-4.8	62.2
ALTUS DAM	184	33.9	****	38.5	****	53.2	****	64.1	****	72.2	****	77.5	****	83.4	****	83.5	****	****	****	****	****	46.9	****	****	****	****
ALVA	194	30.5	****	35.6	****	51.6	****	60.8	****	70.0	****	77.5	****	82.7	-0.7	79.8	-2.2	71.6	-1.6	****	****	42.4	-5.0	****	****	****
ANTLERS	256	35.5	-4.7	42.0	-2.9	59.0	6.2	65.3	2.7	70.5	0.7	77.3	-0.2	80.6	-1.4	84.4	3.3	75.2	0.8	65.5	2.0	55.8	4.0	39.5	-4.2	62.5
ARDMORE	292	35.7	-6.8	****	****	58.6	3.5	65.2	0.0	71.9	-0.5	78.7	-1.7	82.3	-2.5	85.7	1.7	****	****	****	****	53.7	-0.6	****	****	****
ARNETT	332	31.2	-2.1	33.6	-4.6	49.4	4.0	60.5	3.1	****	****	74.1	-1.6	80.8	0.0	77.9	-1.4	78.9	0.0	56.8	-3.0	40.4	-5.3	32.1	-5.1	****
ATOKA DAM	394	34.3	****	38.9	****	57.0	****	64.3	****	71.0	****	****	****	****	****	85.5	****	77.3	****	66.6	****	54.5	****	****	****	****
BARNSDALL	535	29.5	****	****	****	54.1	****	63.3	****	70.2	****	75.7	****	81.9	****	81.8	****	****	****	****	****	46.2	****	****	****	****
BARTLESVILLE	548	29.9	-4.7	****	****	54.7	5.9	63.3	2.5	69.9	1.2	75.4	-1.6	81.7	-0.3	80.8	0.2	74.0	1.2	62.2	0.6	45.9	-2.4	32.3	-6.7	****
BEAR MT TW	584	36.5	****	41.6	****	58.9	****	63.7	****	****	****	75.5	****	80.5	****	83.9	****	****	****	****	****	****	****	****	****	****
BILLINGS	755	29.5	****	34.3	****	52.2	****	60.5	****	68.7	****	75.6	****	81.9	****	80.3	****	73.9	****	58.3	****	44.6	****	33.2	****	57.8
BLACKWELL	818	29.1	****	34.8	****	51.5	****	61.6	****	68.4	****	75.8	****	81.9	****	80.8	****	73.1	****	60.5	****	43.7	****	31.9	****	57.8
BLANCHARD	830	****	****	****	****	****	****	64.2	****	71.6	****	76.8	****	81.0	****	****	****	74.8	****	63.1	****	48.6	****	36.9	****	****
BOISE CITY	908	31.7	-2.4	36.2	-2.1	47.6	3.5	57.2	2.8	65.7	2.5	73.8	0.3	76.8	0.8	76.4	0.7	****	****	****	****	42.0	-1.9	****	****	****
BOSWELL	980	35.3	****	41.6	****	58.1	****	63.5	****	70.3	****	76.2	****	81.7	****	84.7	****	75.5	****	64.5	****	54.1	****	38.8	****	62.0
BRISTOW	1144	31.0	-5.7	36.7	-5.7	****	****	63.6	1.7	70.3	1.2	75.6	-1.6	80.8	-1.4	****	****	74.5	0.8	****	****	48.7	-1.0	****	****	****
BROKEN BOW	1168	****	****	40.9	****	****	****	62.7	****	68.8	****	77.3	****	81.0	****	83.6	****	****	****	****	****	55.8	****	****	****	****
BUFFALO	1243	32.6	-2.1	35.5	-4.9	51.4	3.4	60.9	1.2	69.5	1.0	75.0	-3.4	82.0	-1.4	80.5	-1.3	72.7	-0.4	59.7	-2.4	42.7	-4.3	33.4	-5.1	58.0
CANEY	1437	34.3	****	41.5	****	58.0	****	63.7	****	70.6	****	77.3	****	81.3	****	****	****	****	****	****	****	64.1	****	53.7	****	****
CANTON DAM	1445	****	****	****	****	49.8	0.7	61.6	1.5	69.7	1.2	74.4	-3.3	81.0	-1.9	78.5	****	****	****	****	****	43.2	-5.2	****	****	****
CARNEGIE	1504	33.7	-3.6	38.9	-3.7	54.1	3.3	63.1	1.3	72.1	2.1	78.2	-1.0	82.4	-1.3	83.7	1.4	75.4	1.0	62.3	-0.9	47.4	-2.1	36.1	-5.0	60.6
CHATTANOOGA	1706	35.7	-3.3	40.4	-3.9	55.3	3.0	63.3	0.5	72.3	1.5	****	****	83.2	-1.1	85.8	2.5	77.0	1.3	64.3	0.0	49.5	-1.5	38.0	-4.4	****
CHEROKEE P P	1724	30.3	-4.2	36.1	-3.8	52.8	4.6	****	****	71.6	2.9	79.0	0.1	85.2	1.5	82.9	0.7	****	****	****	****	43.6	-3.7	****	****	****
CHICKASAW	1745	32.5	****	38.9	****	55.6	****	63.3	****	70.2	****	77.0	****	80.8	****	84.2	****	76.6	****	63.0	****	50.9	****	35.5	****	60.7
CHICKASHA	1750	33.0	-4.8	38.0	-5.1	53.5	1.9	62.4	0.1	72.3	2.1	77.7	-1.1	82.6	-0.4	83.3	2.1	75.0	1.1	****	****	49.3	-0.7	36.6	-5.0	****
CLARENDRE	1828	29.3	-5.2	****	****	52.8	4.7	61.1	1.2	67.8	-0.1	74.4	-1.9	80.7	-0.9	79.8	-0.5	74.0	1.3	61.7	0.3	48.0	-0.4	38.8	-8.2	****
CLINTON	1909	33.7	-2.7	39.3	-2.1	53.6	4.1	64.0	3.4	72.2	3.2	78.5	0.1	84.9	1.6	84.4	2.4	75.5	1.9	61.8	-0.4	46.0	-2.5	36.7	-3.2	60.9
CUSHING	2318	30.4	-4.4	****	****	52.8	4.4	****	****	69.2	0.7	75.0	-1.1	****	****	80.4	-1.0	73.6	0.0	61.0	-1.4	47.6	-1.3	32.4	-7.1	****
DUNCAN	2660	34.0	-5.9	40.5	-4.4	****	****	64.8	1.1	72.5	1.6	77.8	-1.2	82.7	-1.1	84.3	1.3	****	****	****	****	51.4	-0.6	****	****	****
DURANT	2678	34.0	****	39.5	****	57.9	****	65.2	****	71.3	****	78.2	****	82.3	****	85.3	****	76.9	****	65.7	****	55.1	****	****	****	****
EL RENO	2818	29.7	-6.5	36.9	-4.4	51.2	1.7	61.1	0.6	69.7	1.0	74.3	-3.1	80.0	-2.5	80.6	-0.7	71.3	-2.1	59.9	-2.5	44.5	-4.0	32.7	-7.4	57.7
ELK CITY	2849	31.6	****	37.3	****	50.8	****	61.3	****	69.9	****	75.9	****	80.6	****	80.4	****	71.6	****	59.4	****	43.4	****	34.1	****	58.0
ENID	2912	29.9	-5.5	36.1	-4.6	52.4	3.3	62.2	1.8	70.7	1.7	76.9	-1.6	82.2	-1.3	79.3	-2.8	71.4	-2.4	****	****	42.4	-6.1	33.5	-5.8	****
ERICK	2944	33.9	-3.1	38.9	-3.1	51.9	2.4	61.9	1.5	70.5	2.0	76.3	-1.4	81.1	-0.8	****	****	73.5	0.4	60.5	-1.3	44.3	-4.1	34.9	-5.4	****

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	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE		
FT SUPPLY DM 3304	****	****	33.6	-6.2	49.8	2.3	****	****	68.2	0.7	74.4	-2.5	80.7	-1.1	78.7	-1.7	****	****	****	****	39.5	-7.6	****	****	****	
FREDERICK 3353	35.3	-5.3	39.4	-6.3	54.8	1.0	66.1	1.7	74.3	2.0	79.2	-1.6	84.9	-0.9	85.5	0.9	76.2	-0.4	64.2	-1.4	49.6	-2.6	****	****	****	
FREEDOM 3358	31.4	****	35.9	****	52.8	****	62.1	****	71.2	****	77.7	****	83.1	****	****	****	72.8	****	59.9	****	43.3	****	32.4	****	****	
GAGE 3407	****	****	35.4	-2.9	49.5	3.6	60.1	2.6	68.1	1.6	75.2	-1.4	80.7	-0.8	78.7	-1.4	70.8	-0.5	57.7	-2.0	40.7	-4.6	32.9	-3.9	****	
GATE 3489	30.8	****	36.4	****	49.3	****	61.4	****	68.6	****	75.0	****	82.8	****	****	****	****	****	****	****	39.4	****	****	****	****	
GEARY 3497	31.2	-5.1	37.4	-3.7	51.5	2.2	61.5	0.8	69.9	1.0	75.3	-2.5	81.0	-2.0	80.4	-1.5	73.6	-0.2	****	****	43.0	-5.8	****	****	****	
GODDARD 3628	30.6	-2.7	33.8	-4.8	46.8	2.0	57.4	1.5	65.0	0.3	72.4	-2.2	78.9	-0.5	77.1	-0.3	67.6	-1.9	54.6	-3.8	40.0	-4.3	32.5	-4.2	54.7	
GUTHRIE 3821	31.7	-4.5	38.0	-3.3	54.6	4.8	****	****	****	****	77.7	-0.2	82.5	-0.6	83.1	1.0	76.0	1.9	62.7	-0.3	47.1	-2.2	35.4	-4.6	****	
GUYMON 3835	31.4	****	36.6	****	49.4	****	****	****	67.0	****	74.5	****	81.3	****	79.8	****	68.9	****	55.6	****	40.0	****	33.8	****	****	
HANNON 3871	31.4	-4.3	35.2	-5.7	48.7	-0.3	60.4	0.1	69.5	1.2	76.0	-2.1	82.0	-1.0	80.3	-0.8	73.0	0.5	58.7	-2.6	42.2	-5.3	32.0	-7.0	57.4	
HANNA 3884	33.0	****	38.6	****	57.6	****	64.5	****	71.0	****	77.7	****	81.9	****	83.5	****	74.8	****	****	****	51.4	****	****	****	****	
HELENA 4019	29.5	****	33.5	****	50.0	****	60.9	****	69.2	****	76.4	****	82.4	****	79.5	****	72.8	****	****	****	41.3	****	30.9	****	****	
HENNESSEY 4055	****	****	37.3	-3.3	51.9	3.0	61.3	1.1	69.0	-0.2	76.2	-2.3	82.2	-1.5	80.6	-1.7	72.1	-1.8	59.0	-3.8	44.6	-3.9	33.2	-6.1	****	
HOBART 4204	33.6	-2.6	38.9	-2.3	53.1	3.8	62.7	2.5	71.9	2.8	****	****	82.9	-0.6	83.0	0.9	74.9	1.1	****	****	****	****	****	****	****	
HOLDENVILLE 4235	32.2	-6.6	37.8	-6.3	56.0	4.3	63.6	1.4	69.6	-0.1	76.1	-1.4	80.9	-1.7	83.2	1.3	74.8	0.3	63.7	-0.4	51.0	-0.4	37.1	-5.8	60.5	
HUGO 4384	36.6	-5.7	42.5	-4.4	59.7	5.1	65.5	1.4	71.3	0.0	77.7	-1.0	81.1	-1.9	83.8	1.6	75.0	-0.8	66.5	1.3	56.5	3.1	41.2	-4.5	63.1	
IDABEL 4451	35.6	-6.4	41.2	-5.1	58.1	4.2	64.1	0.9	69.4	-1.1	77.0	-0.9	80.7	-1.2	83.7	2.4	75.3	0.4	66.0	1.9	55.8	3.2	40.4	-4.6	62.3	
JAY TOWER 4567	29.2	****	35.5	****	54.4	****	61.9	****	68.2	****	74.6	****	81.1	****	79.8	****	73.4	****	****	****	****	****	****	****	****	
JEFFERSON 4573	30.0	-4.4	35.4	-4.2	52.0	3.9	62.1	2.5	70.2	1.5	78.0	-0.7	83.1	-0.5	81.9	-0.2	73.8	0.2	****	****	****	****	****	****	****	
KANSAS 4672	29.2	****	****	****	****	****	****	****	66.8	****	****	****	79.4	****	78.1	****	71.2	****	****	****	49.6	****	33.9	****	****	
KENTON 4766	30.7	-3.7	33.5	-5.1	45.4	1.4	****	****	64.3	0.8	73.3	-0.4	78.6	0.0	75.6	-0.9	****	****	****	****	41.8	-2.1	****	****	****	
KEYSTONE 4812	****	****	33.9	****	****	****	62.0	****	69.2	****	74.8	****	79.4	****	78.6	****	****	****	****	****	47.4	****	****	****	****	
KINGFISHER 4861	31.8	-4.2	37.8	-3.4	52.8	3.2	62.5	1.7	70.6	1.2	76.5	-2.1	82.2	-1.5	82.0	-0.4	73.8	-0.3	61.2	-1.7	45.4	-3.5	33.6	-6.3	59.2	
LAKE EUFAULA 4975	31.8	****	36.1	****	55.7	****	63.5	****	69.8	****	76.3	****	83.2	****	****	****	****	****	****	****	52.1	****	****	****	****	
MADILL 5468	35.5	-5.5	41.6	-4.3	58.3	4.7	65.1	1.6	71.8	0.9	77.8	-1.1	81.9	-1.8	85.2	2.1	76.9	1.0	65.8	0.5	54.7	1.7	39.8	-5.0	62.9	
MANGUM RS ST 5509	35.2	-3.4	****	****	55.1	3.2	64.3	1.6	73.7	2.7	78.6	-1.2	84.1	0.2	85.4	2.8	****	****	****	****	48.0	-2.2	****	****	****	
MANNFORD 5522	30.1	****	36.5	****	54.7	****	64.3	****	70.7	****	75.2	****	80.1	****	80.2	****	75.1	****	****	****	47.7	****	****	****	****	
MARIETTA 5563	36.3	-4.9	42.9	-3.2	58.8	5.0	65.8	2.3	72.0	1.2	78.6	-0.1	82.7	-0.9	86.9	4.0	77.7	1.8	66.4	1.0	54.0	1.1	40.2	-4.6	63.5	
MARLOW 5581	33.7	****	39.9	****	56.0	****	63.8	****	70.7	****	76.3	****	80.8	****	83.0	****	75.4	****	63.5	****	49.5	****	37.9	****	60.9	
MCLESTER 5664	32.1	-6.0	38.1	-5.0	57.0	5.7	63.5	1.6	69.9	0.4	77.3	-0.5	81.9	-0.8	83.4	1.7	74.8	0.6	64.6	1.4	52.7	1.9	36.2	-5.8	61.0	
MCCURTAIN 5693	33.4	****	****	****	57.9	****	64.2	****	70.5	****	76.0	****	****	****	83.3	****	****	****	****	****	54.0	****	****	****	****	
MEEKER 5779	30.9	-5.6	38.6	-3.3	55.8	5.7	64.6	3.3	72.4	3.4	75.4	-1.8	****	****	****	****	****	****	****	63.1	0.6	48.7	-0.6	36.2	-4.6	****
MIAMI 5855	25.0	-9.7	33.2	-6.6	****	****	60.5	0.4	66.6	-1.3	72.5	-3.7	78.8	-2.3	75.8	-4.1	70.3	-2.3	60.2	-1.2	****	****	****	****	****	

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL
		TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	TEMP	DEPARTURE	
MUSKOGEE	6130	31.7	-6.0	****	****	56.4	5.3	****	****	70.5	1.0	76.3	-1.2	82.0	-0.6	83.0	1.5	74.7	0.5	****	****	51.3	1.2	****	****	****
MUTUAL	6139	30.5	-3.6	31.9	-7.3	48.0	1.2	59.2	1.0	67.7	0.7	74.6	-2.6	80.7	-1.9	77.3	-3.7	77.7	-3.3	57.1	-3.8	41.2	-5.4	32.4	-5.4	57.0
NEWKIRK	6278	28.4	-5.0	34.5	-4.4	52.5	5.0	62.7	3.2	69.7	1.5	75.2	-2.3	81.3	-1.2	80.2	-0.9	73.1	0.3	60.7	-1.2	44.0	-3.4	31.8	-5.8	57.6
OKEENA	6629	33.1	-3.3	36.8	-4.8	52.7	2.8	63.1	2.1	71.2	1.7	76.8	-2.2	83.7	-0.2	82.4	-0.1	75.2	0.9	60.5	-2.9	45.8	-3.2	35.5	-4.8	59.7
OKEMAH	6638	31.6	-6.3	38.1	-5.0	56.5	5.4	64.7	2.9	70.7	1.6	76.7	-0.4	81.6	-0.5	83.8	2.6	****	****	****	****	49.7	-1.0	****	****	****
OKLAHOMA CIT	6661	31.5	-4.4	37.1	-3.7	53.0	3.9	62.9	2.7	70.1	1.7	76.6	-0.4	80.9	-1.2	81.7	0.6	73.1	-0.2	61.2	-1.1	46.7	-2.1	35.1	-4.8	59.2
OKMULGEE W W	6670	32.9	-4.2	37.9	-5.1	56.5	5.2	63.8	1.5	69.8	0.5	75.9	-1.4	81.1	-0.6	83.3	2.5	****	****	****	****	50.6	0.2	****	****	****
PAULS VALLEY	6926	****	****	****	****	57.3	4.7	64.7	1.4	71.3	0.2	77.2	-2.3	82.2	-1.9	83.8	0.7	76.1	0.5	****	****	50.5	-0.9	39.1	-3.7	****
PERRY	7012	30.8	-5.5	37.0	-4.5	54.1	4.2	64.4	2.9	71.7	2.4	77.1	-1.0	81.5	-1.7	81.3	-0.8	73.3	-0.9	60.4	-3.1	43.8	-5.7	32.7	-7.7	59.0
PONCA CITY	7201	29.7	-2.7	35.2	-2.5	53.3	6.8	63.6	5.0	70.4	2.7	****	****	83.5	1.0	81.9	1.0	74.0	1.7	61.6	0.7	****	****	32.0	-4.7	****
POTEAU	7246	35.2	-4.7	40.2	-4.3	58.7	6.2	65.4	2.6	71.0	1.0	77.4	-0.3	83.3	0.6	84.0	2.5	****	****	****	****	****	****	****	****	****
PRYOR	7309	27.8	-7.1	32.4	-7.6	****	****	60.2	0.2	****	****	****	****	79.8	-1.7	****	****	72.3	-0.3	59.7	-1.7	46.9	-1.3	30.6	-8.8	****
PURCELL	7327	32.0	-4.9	38.5	-3.7	55.8	5.4	63.0	1.3	70.6	1.1	76.7	-1.2	****	****	82.9	1.0	75.5	1.3	62.9	0.0	48.7	-0.8	36.1	-4.9	****
RALSTON	7390	29.9	****	35.1	****	53.8	****	63.0	****	69.1	****	75.0	****	80.6	****	80.4	****	73.4	****	****	****	45.9	****	****	****	****
SALLISAW	7862	31.4	-7.0	37.7	-5.7	55.1	3.8	62.7	0.5	68.6	-1.1	75.8	-1.6	81.7	-0.4	81.0	0.0	74.3	0.1	****	****	52.7	2.0	****	****	****
SEMINOLE	8042	33.3	-5.8	39.1	-5.4	57.5	5.1	66.1	2.9	72.2	1.8	77.8	-0.7	82.7	-1.0	84.0	1.4	76.7	1.5	64.9	0.3	51.4	-0.3	37.6	-5.4	61.9
SPAVINAW	8380	29.2	****	35.6	****	54.9	****	62.9	****	68.6	****	74.5	****	81.4	****	81.0	****	****	****	63.0	****	49.8	****	****	****	****
SPAVINAW AG	8382	29.1	****	33.3	****	****	****	62.2	****	68.2	****	74.9	****	****	****	81.3	****	****	****	****	****	49.5	****	****	****	****
STILLWATER	8501	31.1	-4.2	35.1	-5.4	52.7	3.9	62.5	2.1	69.0	0.6	****	****	79.3	-2.8	80.3	-0.7	74.1	1.0	****	****	46.7	-2.2	****	****	****
STILWELL	8506	29.8	****	36.2	****	54.4	****	61.2	****	67.1	****	73.7	****	79.6	****	78.6	****	****	****	****	****	50.7	****	****	****	****
TAHLEQUAH	8677	29.3	-7.7	36.6	-5.5	55.8	5.8	62.4	1.3	68.1	-0.1	73.9	-2.2	80.4	-0.3	80.0	0.1	73.2	0.3	****	****	50.8	4.5	35.0	-5.8	****
TALOGA	8708	31.1	-4.0	37.1	-3.0	51.4	3.1	61.6	2.3	69.4	1.5	76.2	-1.3	81.3	-0.9	81.6	0.9	73.1	0.5	****	****	44.2	-2.8	34.5	-4.2	****
TULSA	8992	31.4	-3.8	36.6	-4.1	54.9	5.6	63.8	2.9	70.6	1.5	76.3	-1.3	83.2	0.0	81.9	0.2	75.0	1.2	63.3	0.7	48.9	-0.3	34.3	-5.5	60.0
TUSKAHOMA	9023	34.5	****	41.2	****	58.9	****	64.0	****	70.0	****	76.8	****	81.0	****	84.0	****	76.2	****	65.3	****	54.6	****	38.2	****	62.1
VINITA	9203	27.6	-6.9	34.0	-5.8	53.8	5.7	61.9	2.2	****	****	74.8	-1.2	80.7	-0.4	****	****	****	****	62.2	1.0	47.3	-0.6	32.0	-6.9	****
WAGNER	9247	30.2	-6.7	36.7	-5.5	55.7	5.2	63.0	1.5	69.4	0.2	75.4	-1.8	81.2	-1.2	81.6	0.5	74.9	1.0	64.0	0.9	50.0	-0.1	35.0	-6.4	59.8
WALTERS	9278	****	****	41.0	-4.0	57.2	4.1	64.0	0.4	73.2	1.7	78.2	-1.8	83.3	-1.2	85.7	2.0	77.0	0.8	64.8	0.0	50.2	-1.5	39.7	-3.8	****
WATONGA	9364	30.6	****	37.6	****	51.9	****	62.2	****	70.8	****	77.1	****	82.5	****	82.1	****	73.5	****	59.8	****	****	****	33.8	****	****
WAURIKA	9395	35.6	-5.4	41.3	-4.9	58.4	4.2	64.4	-0.1	72.9	1.0	77.8	-2.2	82.4	-2.3	84.5	0.7	76.9	0.4	65.8	0.3	52.6	0.0	39.8	-4.8	62.7
WEATHERFORD	9422	31.5	-5.0	35.5	-6.2	****	****	62.3	1.5	71.2	1.9	77.3	-1.0	82.3	-0.7	82.1	0.5	74.8	1.1	74.8	1.1	45.0	-3.9	32.6	-7.6	****
WEBBER FALLS	9445	30.3	-5.6	34.7	-6.1	****	****	****	****	68.6	-0.4	****	****	81.0	-1.1	80.2	-0.5	74.4	0.9	74.4	0.9	51.4	2.1	****	****	****
WICHITA MT	9629	33.0	-4.7	****	****	53.8	2.9	62.5	0.7	71.8	2.6	77.0	-0.7	82.6	0.0	82.7	1.2	****	****	****	****	45.9	-3.6	****	****	****
WILBURTON	9634	32.7	-6.6	39.2	-4.8	57.7	5.9	63.8	1.7	69.7	0.5	75.9	-1.1	79.5	-2.5	79.5	-2.5	79.5	-2.5	79.5	-2.5	50.8	-0.1	50.8	-0.1	63.2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Annual
		PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	
ADA	17	2.32	0.96	2.42	0.54	6.44	3.54	4.52	0.75	2.17	-3.46	7.05	3.32	0.74	-1.95	4.02	0.93	2.67	-1.34	11.12	7.20	2.38	-0.17	1.51	-0.43	47.38
ALLEN	147	1.95	****	3.23	****	8.17	****	5.46	****	2.17	****	5.87	****	0.65	****	3.65	****	3.54	****	****	****	4.34	****	1.92	****	****
ALTUS IR ST	179	0.51	-0.27	1.86	0.94	3.88	2.60	3.10	1.07	1.92	-2.73	6.31	5.37	1.15	-0.77	1.51	-0.73	4.71	1.86	5.02	2.47	1.06	0.04	0.70	-0.17	33.75
ALTUS DAM	184	1.41	0.79	2.22	1.28	3.79	2.49	3.27	1.29	0.39	-4.39	6.41	2.93	1.79	-0.81	2.11	-0.02	****	****	****	****	1.41	0.39	****	****	****
ALVA	194	0.43	****	2.65	****	5.34	****	4.76	****	4.79	****	3.50	****	1.37	-1.22	3.46	0.59	6.15	3.68	****	****	1.35	0.15	****	****	****
AMBER	200	0.72	****	1.70	****	6.80	****	4.34	****	1.59	****	6.27	****	1.80	****	3.87	****	4.01	****	4.24	****	2.95	****	0.23	****	36.52
ANTLERS	256	1.43	-0.77	2.35	-0.40	6.36	2.79	7.21	2.10	6.68	0.94	3.98	0.01	8.73	5.56	0.36	-2.87	6.25	0.98	7.33	3.42	9.29	6.11	0.00	-3.02	68.17
ARCADIA	268	2.05	****	4.32	****	5.13	****	5.58	****	2.93	****	7.13	****	1.36	****	3.26	****	5.12	****	6.63	****	2.62	****	****	****	****
ARDMORE	292	****	****	****	****	4.65	1.70	3.85	-0.02	2.53	-2.11	6.78	3.51	2.56	0.26	0.66	-1.87	****	****	****	****	1.45	-0.79	****	****	****
TINKER AFB	325	3.16	****	5.52	****	5.22	****	5.34	****	2.38	****	10.04	****	1.89	****	2.86	****	4.60	****	5.32	****	3.18	****	0.45	****	49.97
ARNETT	332	0.42	-0.01	2.01	1.34	2.65	1.35	3.85	2.07	****	****	3.79	0.50	0.76	-1.33	3.20	0.79	3.79	1.88	4.64	2.83	1.17	0.08	0.44	-0.19	****
ASHLAND	364	2.76	****	2.86	****	9.51	****	4.99	****	3.21	****	3.45	****	3.80	****	3.06	****	1.35	****	****	****	6.78	****	2.77	****	****
ATOKA DAM	394	2.03	****	4.80	****	6.69	****	11.04	****	4.03	****	****	****	****	****	2.86	****	1.70	****	4.81	****	5.40	****	****	****	****
AVANT	418	1.02	****	6.65	****	3.54	****	5.05	****	3.86	****	7.37	****	****	****	****	****	****	****	****	****	****	****	****	****	****
ALTUS AFB	447	1.22	****	2.03	****	2.65	****	3.89	****	****	****	7.99	****	0.73	****	****	****	4.15	****	****	****	0.22	****	0.29	****	****
BARNSDALL	535	3.30	2.10	****	****	6.02	2.91	8.84	5.55	3.80	-1.47	13.60	9.06	2.13	-1.07	1.37	-1.60	****	****	****	****	5.97	3.65	****	****	****
BARTLESVILLE	548	2.91	1.75	****	****	4.21	1.49	5.42	2.10	4.29	-0.38	12.39	8.30	1.11	-1.88	1.90	-1.12	6.24	2.11	3.63	0.42	6.61	4.36	0.62	-0.86	****
BEAR MT TW	584	2.67	0.00	4.17	0.80	5.87	1.43	5.21	0.11	****	****	4.23	0.61	3.80	-1.05	2.83	-1.55	****	****	****	****	7.41	3.69	****	****	****
BEGGS	631	1.73	****	3.78	****	6.63	****	4.91	****	2.79	****	****	****	3.49	****	0.49	****	****	****	****	****	3.41	****	****	****	****
BENGAL	670	2.37	****	4.95	****	5.36	****	5.95	****	3.18	****	3.61	****	1.24	****	2.28	****	5.76	****	****	****	9.39	****	****	****	****
BILLINGS	755	1.03	0.12	3.44	2.22	2.72	0.65	2.84	-0.08	1.49	-3.11	9.34	5.23	2.98	-0.62	4.32	1.43	4.77	0.55	3.60	1.13	3.06	1.17	0.66	-0.56	40.19
BIXBY	782	3.67	2.22	****	****	****	****	4.76	0.85	3.90	-0.75	7.22	2.48	1.86	-1.35	1.98	-0.81	****	****	****	****	4.30	1.57	****	****	****
BLACKWELL	818	0.89	****	4.42	****	1.60	****	4.60	****	1.83	****	4.57	****	4.43	****	2.20	****	3.90	****	3.74	****	2.98	****	0.12	****	35.20
BLANCHARD	830	****	****	****	****	****	****	4.77	****	2.21	****	8.82	****	0.48	****	4.43	****	6.51	****	5.36	****	2.99	****	0.41	****	****
BOISE CITY	908	0.62	0.26	0.25	-0.24	2.79	1.97	0.51	-0.84	0.68	-1.75	2.47	0.48	2.16	-0.44	3.60	1.22	****	****	****	****	0.48	-0.15	****	****	****
BOKCHITO	917	2.80	****	3.00	****	5.42	****	7.54	****	3.34	****	6.37	****	6.86	****	0.80	****	1.76	****	8.58	****	3.97	****	0.00	****	49.64
BOSWELL	980	2.44	0.34	4.05	1.27	5.57	2.25	4.08	-0.49	5.95	1.00	3.67	0.05	3.66	1.01	0.83	-1.85	4.61	-0.30	8.92	5.22	5.39	2.36	1.02	-1.62	50.21
BOYTON	1027	2.53	****	2.97	****	8.23	****	6.07	****	3.87	****	6.60	****	0.65	****	1.26	****	3.33	****	12.48	****	3.67	****	3.39	****	55.06
BRAMAN	1075	1.38	****	4.26	****	2.26	****	4.53	****	2.90	****	4.02	****	5.25	****	1.88	****	5.29	****	****	****	4.48	****	****	****	****
BRISTOW	1144	1.13	-0.02	6.10	4.49	****	****	6.34	2.79	2.83	-2.90	5.87	1.51	2.23	-1.33	0.72	-1.90	3.54	-0.46	****	****	4.77	2.44	****	****	****
BROKEN BOW	1162	1.91	-1.12	4.00	0.71	8.98	4.51	6.58	1.25	2.97	-2.72	4.33	0.52	2.69	-1.18	1.38	-1.58	2.21	-2.51	****	****	7.33	3.31	****	****	****
BROKEN BOW D	1168	****	****	4.56	****	8.99	****	6.12	****	5.17	****	5.35	****	4.95	****	0.61	****	****	****	****	****	7.33	****	****	****	****
BUFFALO	1243	0.23	-0.30	3.51	2.59	2.10	0.39	6.69	4.62	3.99	-0.40	8.10	4.50	1.67	-1.65	2.93	-0.41	4.32	1.52	5.05	3.10	1.25	-0.08	0.50	-0.19	40.34
BURBANK	1256	1.93	****	****	****	3.57	****	4.83	****	3.33	****	8.15	****	1.13	****	1.37	****	6.46	****	****	****	1.66	****	0.67	****	****
CALVIN	1391	3.12	1.72	2.45	0.55	8.45	5.08	5.41	0.98	4.26	-1.56	4.18	-0.35	0.89	-2.66	2.19	-0.39	3.32	-1.00	10.26	6.55	3.95	1.26	2.50	0.54	51.00
CANEY	1437	1.71	****	4.45	****	6.17	****	12.67	****	2.15	****	7.85	****	2.74	****	1.46	****	****	****	5.97	****	5.43	****	****	****	****
CARNASAW TW	1499	2.43	-0.74	****	****	****	****	6.28	0.80	5.28	-1.06	4.69	0.66	5.24	1.10	1.03	-2.07	2.90	-2.09	****	****	7.89	2.81	****	****	****

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Annual
		PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	
CARNEGIE	1504	1.91	1.13	3.03	1.88	6.04	4.39	3.95	1.53	2.06	-3.04	7.54	4.46	4.06	1.50	2.78	0.65	5.23	1.87	4.62	2.43	1.36	0.04	0.54	-0.52	43.14
CARTER TW	1544	2.22	-0.47	4.85	1.55	5.79	1.22	5.10	-0.16	5.25	-0.69	3.86	0.03	3.91	-0.48	1.25	-2.42	****	****	****	****	5.53	1.71	****	****	****
CEDARDALE	1620	0.92	****	2.07	****	3.07	****	2.57	****	0.00	****	3.57	****	3.75	****	5.71	****	5.53	****	2.46	****	1.48	****	0.54	****	31.68
CENTRAHOMA	1648	0.81	****	1.69	****	6.71	****	4.87	****	4.08	****	4.69	****	0.99	****	2.38	****	0.69	****	6.17	****	5.67	****	2.93	****	43.69
CHATTANOOGA	1706	0.60	-0.31	3.76	2.63	5.46	3.72	3.83	1.35	0.71	-4.05	7.75	4.95	0.66	-1.89	1.21	-1.40	3.68	0.61	5.83	3.06	0.82	-0.55	0.45	-0.63	34.76
CHECOTAH	1711	2.04	0.55	****	****	7.10	3.76	4.20	-0.39	2.42	-2.96	3.87	-0.18	0.83	-3.43	3.62	0.92	3.07	-1.39	****	****	4.70	1.86	****	****	****
CHELSEA	1717	3.45	****	7.61	****	4.34	****	4.56	****	2.11	****	8.29	****	1.53	****	2.97	****	8.21	****	****	****	7.51	****	1.69	****	****
CHEROKEE P P	1724	2.51	1.82	3.64	2.72	1.50	-0.43	****	****	1.34	-2.51	3.93	-0.06	1.64	-1.12	3.44	0.86	****	****	****	****	1.53	0.25	****	****	****
CHEYENNE	1738	0.85	****	2.89	****	2.85	****	1.85	****	0.48	****	1.95	****	1.00	****	1.35	****	2.40	****	****	****	****	****	****	****	****
CHICKASAW	1745	2.45	****	2.26	****	8.04	****	5.47	****	2.45	****	8.04	****	2.46	****	1.03	****	2.64	****	7.51	****	2.37	****	1.41	****	46.13
CHICKASHA	1750	0.87	-0.03	3.84	2.63	7.69	5.75	4.68	1.84	1.25	-3.87	6.89	3.80	0.62	-1.90	4.89	1.57	4.27	0.79	****	****	3.47	1.92	0.26	-0.82	****
CLAREMORE	1828	3.74	2.36	****	****	4.66	1.50	5.07	1.31	3.07	-1.60	10.10	5.47	1.66	-1.42	2.16	-0.75	5.41	1.53	7.46	4.04	6.85	4.07	1.94	0.10	****
CLAYTON	1858	0.80	****	3.19	****	4.95	****	8.80	****	3.50	****	1.92	****	2.61	****	0.89	****	2.95	****	****	****	****	****	****	****	****
CLINTON	1909	2.04	1.33	1.45	0.41	1.44	-0.26	3.27	0.80	2.39	-2.61	4.64	1.29	1.02	-1.50	2.48	-0.31	4.31	1.31	2.96	0.26	2.56	1.09	0.34	-0.57	28.92
COLEMAN	2011	0.75	****	****	****	5.61	****	6.35	****	0.68	****	4.85	****	2.80	****	1.00	****	****	****	****	****	2.50	****	****	****	****
COLONY	2039	2.54	****	2.68	****	2.03	****	3.47	****	0.94	****	5.97	****	1.79	****	2.77	****	4.11	****	4.44	****	1.99	****	0.54	****	33.27
COMANCHE	2054	2.49	****	3.93	****	6.30	****	6.04	****	2.80	****	8.12	****	0.34	****	3.23	****	3.42	****	6.62	****	0.82	****	0.80	****	44.92
CORDELL	2125	1.95	1.25	1.93	0.90	3.00	1.37	3.53	1.34	0.85	-3.83	5.32	2.25	0.36	-2.16	3.64	1.00	3.99	1.19	4.19	1.61	1.93	0.54	0.51	-0.40	31.20
COX CITY	2196	0.91	****	4.95	****	7.56	****	7.34	****	1.73	****	10.03	****	0.27	****	1.59	****	5.27	****	****	****	1.45	****	0.45	****	****
CRESCENT	2242	2.31	****	4.18	****	5.85	****	****	****	1.80	****	6.75	****	1.20	****	2.73	****	4.96	****	4.47	****	2.48	****	0.42	****	****
CUSHING	2318	1.57	0.53	****	****	6.66	4.19	7.04	3.86	2.86	-2.49	11.28	6.99	1.70	-2.02	1.54	-1.15	6.11	2.22	5.55	2.87	5.16	3.15	0.50	-0.81	****
DAISY	2354	2.49	0.54	2.86	0.17	7.43	3.59	8.28	2.85	4.26	-2.04	4.28	-0.20	2.63	-1.69	3.27	-0.24	4.06	-1.64	****	****	8.57	5.21	1.95	-0.71	****
DEWAR	2405	2.92	1.51	2.83	1.02	7.81	4.69	7.01	2.73	3.30	-1.81	6.32	2.25	0.87	-2.67	1.35	-1.26	4.42	0.11	****	****	3.60	0.91	4.02	2.15	****
DUNCAN	2668	1.77	****	5.50	****	4.98	****	4.97	****	2.51	****	7.75	****	0.55	****	3.31	****	4.33	****	8.41	****	1.08	****	0.44	****	45.61
DURANT	2678	1.99	0.25	2.67	.42	5.50	2.23	8.00	3.46	3.10	-1.90	5.73	2.01	3.52	0.98	0.07	-2.40	1.98	-3.63	7.59	4.12	3.55	0.75	0.94	-1.24	44.64
DUSTIN	2690	0.99	****	2.38	****	8.10	****	****	****	3.21	****	3.73	****	0.44	****	3.35	****	3.62	****	8.62	****	4.48	****	****	****	****
EL RENO	2818	****	****	3.34	2.25	5.68	3.83	5.28	2.70	1.35	-3.82	4.90	1.27	0.73	-2.04	2.00	-0.30	6.09	2.48	3.60	0.92	1.24	-0.40	0.03	-1.00	****
ELK CITY	2849	1.63	1.00	3.11	2.16	3.16	1.64	1.54	-0.67	2.58	-2.35	5.16	1.84	0.88	-1.53	2.95	0.62	2.74	0.16	2.78	0.79	1.09	-0.27	0.43	-0.28	28.07
ELMORE CITY	2872	0.37	****	6.20	****	****	****	4.05	****	1.52	****	9.56	****	0.96	****	2.30	****	3.38	****	7.67	****	1.11	****	1.45	****	****
ENID	2912	1.44	0.53	2.50	1.34	3.32	1.43	5.91	3.14	2.81	-2.20	8.28	4.16	2.91	-0.27	4.48	1.12	4.50	1.29	****	****	3.46	1.68	0.32	-0.71	****
ERICK	2944	0.78	0.30	1.51	0.65	2.46	1.05	1.63	-0.57	1.22	-3.19	7.41	4.44	0.94	-1.19	****	****	3.45	0.64	2.61	0.41	1.29	0.30	0.45	-0.23	****
FANSHAW	3065	2.96	1.00	6.94	4.15	6.41	1.99	5.37	0.37	2.47	-3.44	4.89	0.68	2.03	-2.00	2.42	-0.65	****	****	****	****	10.19	6.24	****	****	****
FARGO	3070	0.45	-0.01	****	****	1.77	0.48	4.43	2.60	1.19	-2.77	2.90	-0.31	2.75	0.56	4.15	1.68	5.72	3.90	5.18	3.51	1.00	-0.02	0.58	-0.07	****
FARRIS	3083	2.49	****	2.54	****	5.33	****	9.21	****	4.74	****	6.61	****	4.29	****	****	****	3.12	****	****	****	5.84	****	****	****	****
FLETCHER	3191	0.96	****	****	****	7.05	****	4.18	****	1.81	****	****	****	****	****	0.78	****	****	****	1.68	****	1.92	****	****	****	****
FORAKER	3250	1.56	0.54	3.39	2.17	3.76	1.37	4.67	1.54	3.63	-1.19	10.06	5.87	3.41	-0.06	3.01	-0.50	****	****	****	****	****	****	****	****	****
FT SUPPLY DM	3304	****	****	3.96	3.11	****	****	2.08	0.49	3.60	-0.11	5.19	2.25	1.88	-0.31	****	****	****	****	****	****	0.96	0.04	****	****	****
FREDERICK	3353	1.38	0.53	3.14	2.12	5.64	3.94	3.67	1.35	1.66	-3.08	8.32	5.37	2.86	0.67	4.27	1.81	5.15	2.15	6.28	3.82	1.86	0.45	****	****	****
FREEDOM	3358	0.54	****	2.88	****	1.13	****	5.17	****	1.21	****	5.84	****	1.95	****	****	****	5.18	****	4.69	****	1.40	****	0.54	****	****

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Annual	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE		
GAGE	3407	****	****	2.07	1.25	2.55	1.37	4.97	3.12	1.60	-2.06	4.40	1.63	2.67	0.56	3.93	1.51	4.99	3.39	5.97	4.38	0.67	-0.17	0.46	-0.18	****
GATE	3489	0.15	****	2.47	****	1.38	****	4.86	****	2.48	****	4.20	****	1.17	****	1.25	****	****	****	****	****	1.02	****	****	****	****
GEARY	3497	1.98	1.32	2.98	1.86	3.15	1.41	5.59	3.13	0.76	-4.04	5.14	1.33	0.80	-1.67	1.40	-0.79	4.35	1.13	****	****	1.57	0.16	0.00	-1.02	****
GOODWELL	3628	0.15	-0.10	1.59	1.20	2.61	1.83	2.90	1.79	3.96	1.09	1.97	-0.33	0.91	-1.97	1.02	-1.35	7.27	6.00	2.88	1.93	0.39	-0.25	0.01	-0.26	25.66
GRADY	3688	1.74	****	2.58	****	4.79	****	3.79	****	2.11	****	8.57	****	1.85	****	2.73	****	3.19	****	6.03	****	0.82	****	0.72	****	38.92
GRANDFIELD	3709	0.35	-0.73	4.08	2.90	4.79	3.02	3.15	0.73	1.00	-3.94	7.37	4.19	0.34	-1.72	2.36	-0.03	3.76	0.31	****	****	0.40	-1.15	****	****	****
GUTHRIE	3821	2.70	1.79	4.45	3.19	6.61	4.60	****	****	****	****	6.44	2.48	3.04	0.20	2.40	0.02	6.29	2.31	4.44	1.78	3.25	1.45	0.07	-1.13	****
GUYMON	3835	0.06	****	1.14	****	1.93	****	****	****	0.21	****	2.68	****	0.21	****	1.07	****	6.92	****	2.56	****	0.31	****	0.18	****	****
HAMMON	3871	1.65	1.14	3.40	2.49	3.48	1.92	1.58	-0.64	0.77	-3.79	5.33	2.37	2.57	0.42	3.35	0.91	3.02	0.31	2.60	0.70	2.45	1.06	0.35	-0.36	30.55
HANNA	3884	2.53	1.07	2.77	0.91	9.29	5.60	3.74	-0.70	3.34	-2.10	2.61	-1.38	1.20	-1.96	1.38	-1.44	3.60	-0.56	****	****	3.63	0.69	****	****	****
HARDY	3909	0.49	****	3.22	****	2.37	****	3.83	****	3.53	****	11.83	****	3.97	****	5.30	****	8.39	****	2.77	****	3.82	****	0.65	****	49.40
HARTSHORNE	3946	2.44	****	3.40	****	8.23	****	6.28	****	3.78	****	2.98	****	0.84	****	2.27	****	3.91	****	****	****	8.51	****	****	****	****
HASKELL	3956	2.93	1.30	****	****	8.44	5.27	4.83	0.72	4.91	-0.06	6.99	2.17	1.91	-1.27	1.65	-0.68	2.74	-1.23	****	****	2.95	0.06	****	****	****
HEALDTON	4001	1.98	0.64	2.91	1.56	4.90	2.44	4.78	1.33	****	****	10.39	6.68	****	****	****	****	****	****	6.30	3.18	****	****	0.97	-0.64	****
HEAVENER	4008	2.21	-0.04	3.32	0.60	5.04	0.89	8.12	3.19	3.77	-1.75	4.07	0.07	1.60	-1.96	2.88	-0.47	****	****	****	****	12.85	9.16	****	****	****
HEE MT TW	4017	2.63	****	****	****	4.80	****	5.07	****	3.96	****	6.27	****	3.00	****	0.63	****	****	****	****	****	5.46	****	****	****	****
HELENA	4019	1.27	0.56	2.74	1.74	1.68	-0.24	2.20	-0.37	0.87	-3.47	2.83	-1.12	2.59	-0.49	3.97	1.36	5.70	2.83	2.67	0.55	2.34	0.00	0.84	-0.10	29.72
HENNEPIN	4052	0.72	****	3.00	****	****	****	4.01	****	3.86	****	9.93	****	0.93	****	****	****	4.39	****	7.36	****	3.17	****	****	****	****
HENNESSEY	4055	****	****	2.36	1.20	3.32	1.46	4.48	2.10	3.78	-1.54	3.87	-0.03	1.53	-0.97	4.36	1.67	4.99	1.60	2.91	0.80	1.72	0.89	0.20	-0.79	****
HOBART	4204	1.68	1.07	2.43	1.51	3.44	2.17	2.37	0.13	0.64	-4.34	5.24	2.34	1.70	-0.79	3.35	1.47	4.25	1.38	****	****	1.43	0.35	0.13	-0.68	****
HOLDENVILLE	4235	2.21	0.87	3.06	1.38	7.24	4.26	6.40	2.03	3.10	-2.50	5.62	1.79	1.06	-2.40	3.40	0.74	2.77	-1.23	8.49	4.95	3.74	1.34	3.04	1.21	50.14
HOLLOW	4258	3.28	1.93	6.78	5.23	5.00	2.66	4.16	0.44	4.35	-0.51	5.76	1.18	3.33	-0.42	4.58	1.28	5.98	1.14	6.74	3.21	10.15	7.16	****	****	****
HOMINY	4289	2.95	1.88	7.85	6.46	5.41	2.59	6.15	3.03	3.92	-0.72	9.11	4.96	1.62	-1.80	1.48	-1.55	4.82	0.34	****	****	4.34	2.28	0.71	-0.57	****
HUGO	4384	2.47	0.25	3.49	0.72	5.96	2.16	4.16	-0.56	6.02	0.36	5.02	0.50	3.49	0.44	0.37	-3.07	2.17	-2.98	7.52	3.58	9.33	6.07	1.96	-1.12	51.96
IDABEL	4451	1.49	-1.55	3.56	0.14	8.10	3.74	5.15	-0.25	5.20	-0.47	3.62	-0.07	1.59	-1.96	0.13	-2.49	3.57	-0.96	4.82	0.98	6.25	2.42	3.74	0.27	47.23
INGALLS	4489	2.14	****	7.63	****	5.77	****	6.14	****	4.82	****	6.08	****	3.16	****	1.81	****	4.64	****	****	****	****	****	****	****	****
JADIE TOWER	4560	****	****	****	****	8.35	****	****	****	6.29	****	4.18	****	3.58	****	0.39	****	****	****	****	****	5.59	****	****	****	****
JAY TOWER	4567	3.35	****	3.82	****	7.61	****	3.16	****	6.21	****	6.65	****	1.40	****	5.01	****	4.22	****	****	****	****	****	****	****	****
JEFFERSON	4573	0.31	-0.39	3.71	2.74	1.72	-0.21	4.80	2.03	1.75	-2.17	5.12	1.14	2.74	-1.18	2.13	-1.12	5.60	2.47	****	****	****	****	0.87	****	****
KANSAS	4672	3.16	****	3.94	****	****	****	****	****	16.71	****	****	****	4.42	****	7.40	****	3.57	****	****	****	6.98	****	4.91	****	****
KENTON	4766	0.44	0.14	0.12	-0.16	0.97	0.21	****	****	0.98	-1.51	0.79	-1.03	3.35	0.46	2.55	0.05	****	****	****	****	0.19	-0.34	****	****	****
KEYSTONE	4812	1.13	****	0.00	****	****	****	6.75	****	3.38	****	6.55	****	3.48	****	3.64	****	****	****	****	****	****	****	****	****	****
KINGFISHER	4861	2.47	1.64	3.53	2.40	3.93	2.17	3.54	1.12	1.04	-3.90	6.20	2.44	0.69	-1.88	2.40	0.01	5.92	2.32	3.34	0.90	2.66	1.13	0.41	-0.72	36.13
KINGFISHER C	4862	****	****	3.53	****	3.93	****	2.86	****	****	****	5.97	****	0.69	****	****	****	5.92	****	****	****	****	****	****	****	****
U JOHN CREEK	4864	****	****	3.53	****	3.11	****	3.66	****	1.04	****	5.97	****	0.69	****	****	****	5.92	****	****	****	****	****	****	****	****
KINGSTON	4865	2.26	0.55	5.18	2.92	6.94	3.78	6.90	2.80	2.06	-2.98	6.12	2.50	2.21	-0.12	0.42	-2.07	2.09	-2.50	****	****	2.78	0.25	1.42	-0.59	****
KONOWA	4915	2.33	1.00	2.89	1.24	5.46	2.57	6.30	2.18	2.45	-3.65	7.62	3.90	0.44	-2.09	3.21	0.75	4.18	0.06	8.48	4.89	2.28	0.14	2.41	0.55	48.06
LAKE EUFALA	4975	1.44	****	6.15	****	8.48	****	****	****	2.69	****	1.99	****	1.41	****	4.68	****	****	****	****	****	4.33	****	****	****	****

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Annual		
		P	D	P	D	P	D	P	D	P	D	P	D	P	D	P	D	P	D	P	D	P	D	P	D			
		PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE			
LAMONT	5013	1.63	****	3.56	****	1.92	****	4.22	****	1.30	****	4.25	****	3.65	****	1.31	****	5.03	****	****	****	3.85	****	****	****	****		
LAVERNE	5045	0.15	-0.48	2.83	1.95	1.99	0.45	****	****	2.63	-0.76	3.29	0.32	1.57	-0.92	2.08	-0.89	3.27	1.26	3.42	1.91	0.53	-0.46	0.44	-0.24	****		
LAWTON	5063	****	****	3.46	2.29	****	****	3.50	1.09	****	****	7.61	4.04	1.91	-0.60	****	****	6.77	3.79	5.86	3.01	1.18	-0.57	0.29	-0.93	****		
FORT SILL	5068	2.26	****	3.45	****	6.28	****	3.95	****	2.92	****	7.58	****	1.46	-1.05	2.00	0.65	6.19	3.21	5.98	3.13	3.35	1.61	0.41	-0.81	46.65		
LEEDEY	5090	1.20	0.74	2.73	1.83	3.05	1.71	2.39	-0.11	0.63	-4.15	****	****	0.52	-1.45	****	****	****	****	****	****	****	****	****	****	****		
LEHIGH	5108	0.71	****	3.12	****	7.57	****	7.87	****	3.67	****	4.79	****	4.90	****	2.33	****	1.84	****	****	****	2.78	****	1.27	****	****		
LENAPAH	5118	****	****	****	****	****	****	4.56	****	5.65	****	7.67	****	3.34	****	1.86	****	6.29	****	****	****	7.90	****	1.46	****	****		
LUCO	5247	2.28	****	2.68	****	4.31	****	4.52	****	1.61	****	****	****	0.18	****	2.39	****	3.84	****	****	****	1.16	****	0.99	****	****		
LOOKEBA	5329	1.91	****	3.65	****	5.66	****	3.33	****	0.66	****	5.38	****	0.70	****	2.94	****	5.79	****	****	****	1.89	****	0.34	****	****		
LYONS	5437	0.75	-0.97	0.90	-1.05	5.26	1.32	5.75	1.02	6.73	1.42	4.66	0.20	5.13	1.91	2.60	-0.27	****	****	****	****	9.55	6.60	****	****	****		
MADILL	5468	2.88	0.39	2.89	0.77	8.36	5.35	7.11	2.60	4.19	-0.91	7.53	3.68	2.66	0.38	0.75	-1.68	2.58	-2.02	5.91	2.34	3.85	1.39	1.12	-0.85	49.04		
MANGUM RS ST	5509	1.11	0.48	4.37	3.51	3.08	1.90	3.48	1.59	0.78	-3.94	6.37	3.52	0.69	-2.00	1.54	-0.51	****	****	****	****	1.79	0.88	****	****	****		
MANNFORD	5522	2.59	****	6.07	****	5.26	****	7.19	****	4.40	****	5.57	****	4.34	****	2.02	****	5.45	****	****	****	6.25	****	****	****	****		
MARAMEC	5540	2.52	1.47	6.17	4.77	5.14	2.69	5.20	2.21	****	****	6.80	2.90	4.20	1.08	3.00	0.08	5.32	1.40	5.43	2.27	4.62	2.61	0.71	-0.52	****		
MARIETTA	5563	1.92	0.44	2.27	0.50	8.58	5.83	5.33	1.53	6.20	1.65	7.23	3.60	1.75	-0.39	0.36	-2.22	3.29	-0.70	4.03	1.00	2.19	-0.27	1.20	-0.50	44.36		
MARLOW	5581	2.48	1.58	5.94	4.74	6.73	4.73	5.85	3.17	1.59	-4.42	8.27	4.45	0.21	-2.36	4.69	2.27	4.84	1.18	7.25	4.30	1.46	-0.49	0.48	-0.88	49.80		
MARSHALL	5589	1.97	1.21	2.95	1.79	2.51	0.52	3.33	0.95	2.44	-2.81	6.04	2.04	3.13	0.54	3.24	0.49	5.34	1.83	3.36	0.76	2.19	0.56	0.37	-0.77	36.87		
MCALESTER	5664	2.31	0.69	3.72	1.46	8.23	4.38	4.88	0.34	3.34	-2.28	3.33	-0.33	0.78	-2.63	4.62	1.37	3.53	-1.43	5.44	1.54	5.35	2.29	1.96	-0.42	47.50		
MCCURTAIN	5693	2.73	0.85	****	****	7.97	4.06	4.47	-0.30	3.06	-2.61	2.82	-1.46	****	****	3.11	0.10	****	****	****	****	12.72	9.14	****	****	****		
MEDFORD	5768	0.58	****	4.13	****	1.67	****	6.09	****	1.52	****	2.41	****	3.96	****	1.84	****	4.46	****	4.55	****	3.94	****	1.40	****	36.56		
MEEKER	5779	2.87	1.88	9.31	7.84	4.82	2.39	5.95	2.39	6.08	0.44	11.82	8.12	****	****	****	****	****	****	****	****	6.58	3.80	3.69	1.64	0.22	-1.21	****
MIAMI	5855	1.16	-0.37	7.83	5.95	****	****	4.99	1.27	3.01	-2.02	5.07	0.19	3.70	-0.23	7.83	4.32	4.20	-0.40	6.53	2.79	11.08	8.13	****	****	****		
MORAVIA	6035	1.30	0.80	1.76	0.80	2.60	1.07	2.55	0.46	2.73	-2.02	5.88	2.89	2.22	-0.87	3.45	1.39	****	****	****	****	1.58	0.53	****	****	****		
MORRISON	6065	1.50	****	4.47	****	4.69	****	4.26	****	2.82	****	4.41	****	1.54	****	1.11	****	5.79	****	3.81	****	3.66	****	0.32	****	38.38		
MULHALL	6110	2.16	****	4.44	****	5.40	****	****	****	2.98	****	6.57	****	0.55	****	****	****	4.12	****	****	****	****	****	0.16	****	****		
MUSKOGEE	6130	1.22	-0.41	****	****	6.44	3.20	****	****	2.73	-2.30	7.13	2.53	0.55	-2.55	1.27	-1.76	4.33	0.21	****	****	4.12	1.14	****	****	****		
MUTUAL	6139	0.66	0.16	2.84	1.91	2.86	1.28	2.26	-0.19	1.26	-3.06	3.01	-0.16	3.57	1.01	5.25	3.05	4.48	2.00	4.44	2.92	1.43	0.28	0.47	-0.19	32.53		
NEWKIRK	6278	0.70	-0.16	4.61	3.51	1.88	-0.10	4.19	1.24	1.96	-2.76	7.59	3.00	6.71	3.16	4.55	1.85	4.91	1.37	6.28	3.51	3.32	1.38	0.83	-0.39	47.54		
NORMAN	6386	3.44	2.31	6.47	5.14	6.02	3.69	6.91	3.61	1.54	-4.35	7.17	3.55	1.75	-1.48	1.50	-1.06	5.40	1.67	4.07	1.44	1.91	-0.13	0.39	-0.96	46.59		
NOWATA	6485	3.31	2.83	****	****	****	****	5.07	1.57	****	****	9.02	4.24	2.65	-0.09	1.66	-1.73	8.17	3.86	****	****	8.40	5.85	1.50	-0.30	****		
DILTON	6616	2.79	****	5.97	****	5.49	****	7.80	****	3.78	****	6.27	****	4.04	****	1.50	****	****	****	****	****	5.09	****	0.56	****	****		
OKEENA	6629	1.54	0.95	2.63	1.69	2.92	1.10	3.52	1.19	0.83	-4.16	5.15	1.18	1.39	-0.95	3.28	0.71	5.55	2.62	2.85	0.73	2.95	1.35	0.30	-0.56	32.91		
OKEMAH	6638	2.65	1.27	3.38	1.93	6.51	3.81	4.65	0.47	3.46	-1.56	5.13	0.66	1.63	-1.75	0.99	-1.61	****	****	****	****	3.84	1.40	****	****	****		
OKLAHOMA CIT	6661	2.44	1.48	3.66	2.37	4.52	2.44	5.35	2.44	1.30	-4.20	8.35	4.48	1.16	-1.88	2.63	0.23	4.59	1.18	5.28	2.57	3.27	1.74	0.69	-0.51	43.24		
OKMULGEE W W	6670	0.75	-0.88	4.19	2.40	8.26	5.23	6.27	1.75	2.57	-2.51	5.54	0.83	0.55	-2.50	0.43	-2.20	****	****	****	****	4.28	1.65	****	****	****		
OKTAHA	6678	2.25	****	3.91	****	7.61	****	4.73	****	2.88	****	4.13	****	0.43	****	2.07	****	****	****	****	****	4.45	****	****	****	****		
ONETA	6713	3.08	****	3.99	****	5.66	****	4.83	****	3.83	****	7.29	****	2.14	****	2.56	****	3.92	****	10.08	****	5.16	****	****	****	****		
ORIENTA	6751	0.60	****	1.70	****	2.22	****	3.39	****	1.98	****	3.22	****	2.20	****	3.73	****	3.93	****	2.15	****	1.58	****	0.61	****	27.31		
OSWALT	6787	0.00	****	2.77	****	6.92	****	7.21	****	3.96	****	10.42	****	0.90	****	0.00	****	4.75	****	5.56	****	2.15	****	0.00	****	44.64		

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Annual
		PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	
PAULS VALLEY	6926	****	****	****	****	5.34	3.04	4.74	1.24	2.64	-2.02	8.19	4.82	0.93	-1.40	2.23	-0.09	7.77	4.10	****	****	2.35	0.18	0.42	-1.29	****
PAWHUSKA	6937	2.82	****	6.21	****	4.11	****	7.34	****	4.01	****	15.39	****	0.96	****	1.07	****	6.43	****	****	****	7.11	****	0.63	****	****
PAWNEE	6940	2.89	1.88	7.11	5.80	5.04	3.36	5.47	2.50	4.71	-0.13	5.01	0.99	1.68	-1.45	2.35	-0.66	****	****	****	****	4.53	2.05	****	****	****
PERKINS	7003	2.25	1.13	5.92	4.66	6.32	3.91	6.40	3.76	2.97	-2.23	7.73	3.36	4.28	0.75	2.37	-0.24	5.65	1.43	****	****	4.58	2.51	0.27	-1.08	****
PERRY	7012	2.26	1.39	4.17	2.85	2.70	0.34	3.38	0.68	3.53	-1.75	5.67	1.54	1.97	-1.56	2.31	-1.02	5.69	1.95	4.67	2.84	2.31	0.51	0.66	-0.54	39.33
PIEDMONT	7068	2.85	****	4.01	****	6.09	****	3.94	****	0.71	****	7.24	****	2.03	****	1.51	****	6.97	****	3.19	****	1.94	****	0.23	****	39.92
PONCA CITY	7201	1.37	0.46	2.46	1.24	2.05	-0.05	2.64	-0.26	3.05	-1.44	6.01	1.84	3.60	-0.50	3.32	-0.04	4.01	0.17	4.54	1.94	1.61	-0.44	0.44	-0.84	35.11
PONTOTOC	7214	0.63	-0.70	1.80	-0.13	7.62	4.33	5.20	1.11	3.04	-2.69	5.08	2.33	1.05	-1.54	1.93	-0.78	1.75	-2.37	9.27	5.49	2.58	-0.31	0.65	-1.22	41.40
POTEAU	7246	1.80	-0.04	5.05	2.37	5.19	1.07	5.22	0.52	3.50	-2.42	4.16	0.74	1.41	-2.27	1.74	-1.56	****	****	****	****	****	****	****	****	****
POTEAU WATER	7254	2.71	****	5.04	****	5.57	****	5.24	****	3.20	****	4.39	****	3.03	****	****	****	****	****	****	****	8.17	****	****	****	****
PRAGUE	7264	****	****	5.45	3.95	6.25	3.74	6.72	2.85	2.63	-2.63	6.97	3.19	0.60	-2.61	1.12	-1.39	****	****	8.44	5.57	2.18	-0.03	1.16	-0.39	****
PRYOR	7309	3.93	2.41	6.48	4.70	5.01	1.90	5.54	1.64	3.05	-1.03	5.53	0.86	1.87	-1.19	3.18	-0.22	6.72	2.56	7.30	3.53	6.73	3.83	2.66	0.62	58.02
PURCELL	7327	3.16	2.09	6.07	5.53	8.06	5.69	5.96	2.59	1.72	-4.30	9.99	6.40	1.06	-1.94	2.76	0.34	5.21	1.24	6.14	2.96	2.76	0.70	0.98	-0.48	54.60
QUAPAW	7358	3.38	1.83	6.61	4.79	6.02	2.70	4.81	0.83	3.79	-1.39	5.86	1.09	1.95	-1.82	9.13	5.69	4.03	-0.77	7.29	3.63	10.51	7.63	****	****	****
QUINTON	7372	1.73	0.11	4.75	2.65	9.05	5.36	5.90	1.57	2.02	-3.55	2.54	-1.49	2.43	-1.37	3.01	-0.09	3.12	-1.29	***	****	5.00	1.84	****	****	****
KALSTON	7390	2.35	1.35	5.41	4.11	4.18	1.66	5.10	2.13	4.31	-0.41	5.20	0.89	1.00	-2.49	2.12	-0.00	6.07	2.21	****	****	4.46	2.51	****	****	****
RAMONA	7394	2.00	****	0.64	****	5.01	****	8.17	****	3.75	****	10.43	****	2.59	****	1.53	****	6.20	****	****	****	5.58	****	****	****	****
REDROCK	7505	****	****	3.00	1.61	****	****	5.79	3.00	2.28	-2.35	5.33	1.30	4.06	0.34	1.64	-1.30	3.55	-0.17	****	****	2.07	0.35	****	****	****
REGIER	7534	0.39	0.12	0.07	-0.20	1.27	0.59	****	****	1.19	-0.73	0.56	-1.24	2.55	0.05	1.55	-0.36	****	****	****	****	0.21	-0.30	****	****	****
RENFROW	7556	1.29	0.58	3.03	2.02	1.34	-0.57	4.34	1.78	1.75	-2.08	****	****	3.93	0.42	2.28	-0.60	****	****	****	***	****	****	****	****	****
RETROP	7565	1.73	****	2.02	****	2.64	****	2.08	****	0.74	****	6.41	****	2.67	****	2.01	****	4.21	****	4.08	****	2.32	****	0.23	****	31.14
REYDON	7579	****	****	4.35	3.56	3.62	2.22	****	****	****	****	3.78	0.47	0.70	-1.39	3.43	1.20	5.74	3.40	****	****	0.77	-0.19	****	****	****
ROOSEVELT	7727	1.49	0.81	1.54	0.50	2.97	1.65	3.54	1.29	0.25	-5.00	7.50	4.29	0.62	-1.75	2.23	0.09	****	****	3.54	1.06	1.36	0.12	0.41	-0.56	****
SALLISAW	7862	2.26	0.48	3.03	0.55	6.69	2.89	4.56	0.09	4.18	-1.29	1.84	-2.49	1.01	-2.54	5.73	2.56	3.63	-0.78	****	****	9.11	5.71	****	****	****
SAYRE	7952	0.89	0.47	1.63	0.91	2.15	0.87	2.05	0.00	1.22	-3.19	4.95	1.78	2.52	0.45	1.36	-0.69	3.41	0.97	****	****	1.24	0.15	0.33	-0.27	****
SCIPIO	7979	2.41	****	2.77	****	9.70	****	4.77	****	3.65	****	2.47	****	0.75	****	3.57	****	3.76	****	6.31	****	2.68	****	3.67	****	46.51
SCRAPER	7993	2.73	****	****	****	6.09	****	****	****	7.91	****	7.34	****	1.92	****	3.31	****	****	****	****	****	5.75	****	****	****	****
SEMINOLE	8042	4.73	3.43	2.99	1.44	6.25	3.67	8.10	4.01	2.48	-2.87	7.50	3.70	1.18	-1.77	2.07	-0.81	4.00	-0.02	9.69	6.84	2.33	-0.19	2.00	0.22	53.32
SHAWNEE	8110	1.58	0.36	6.69	5.16	6.14	3.63	7.08	3.21	1.86	-4.15	10.83	6.88	0.95	-1.71	1.60	-1.30	3.24	-0.50	6.47	3.27	2.62	0.28	1.35	-0.18	50.42
SHORT	8170	2.22	****	4.06	****	6.77	****	4.37	****	4.37	****	2.06	****	2.44	****	3.97	****	4.11	****	****	****	9.96	****	****	****	****
SKIATOOK	8258	0.89	-0.30	7.29	5.66	4.80	1.97	6.64	3.17	3.18	-1.49	5.41	1.10	2.28	-1.13	1.55	-1.31	6.57	2.24	****	****	****	****	0.57	-0.88	****
SMITHVILLE	8285	2.87	****	****	****	5.10	****	5.45	****	****	****	3.05	****	1.77	****	****	****	****	****	****	****	7.78	****	****	****	****
SNYDER	8299	1.78	0.94	2.23	1.18	4.10	2.67	4.31	2.26	0.54	-4.46	0.53	5.65	0.25	-2.22	2.61	0.40	5.07	2.26	****	****	1.05	-0.18	0.37	-0.65	****
SOBAL TOWER	8305	2.63	0.29	****	****	4.74	0.60	5.46	0.36	5.38	-0.52	4.86	0.90	****	****	1.51	-1.85	4.22	-1.20	****	****	7.44	4.03	****	****	****
SPAVINAW	8380	3.16	1.63	4.46	2.67	5.45	2.32	4.67	0.59	5.31	0.25	7.70	2.92	1.55	-2.18	3.79	0.19	****	****	6.48	2.83	7.23	4.02	****	****	****
SPAVINAW AG	8382	3.06	****	4.50	****	5.41	****	4.31	****	5.36	****	8.45	****	****	****	3.79	****	****	****	****	****	7.25	****	****	****	****
SPIRO	8416	2.40	0.58	5.03	2.33	8.14	4.00	3.90	-0.72	2.55	-2.01	3.71	0.16	1.64	-2.15	2.76	0.16	****	****	****	****	10.48	6.63	****	****	****
STELLA	8479	3.76	****	9.42	****	6.18	****	7.29	****	3.04	****	10.61	****	1.30	****	2.52	****	5.19	****	6.52	****	3.20	****	0.62	****	59.65

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Annual	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE		
STILLWATER	8501	3.04	2.14	4.60	3.40	4.99	2.80	5.36	2.78	1.70	-3.38	****	****	2.44	-1.35	2.28	-0.55	5.99	2.06	****	****	2.77	0.99	****	****	****
STILWELL	8506	2.12	0.16	4.16	1.59	5.94	2.23	3.03	-1.68	3.33	-2.30	4.26	-0.22	2.40	-1.33	5.16	1.81	****	****	****	****	9.34	6.89	****	****	****
STROUD	8563	2.77	****	6.76	****	6.59	****	6.50	****	2.18	****	6.70	****	2.10	****	1.40	****	5.08	****	7.52	****	3.98	****	0.89	****	52.49
SWEETWATER	8652	0.74	****	2.97	****	1.94	****	2.38	****	0.84	****	3.95	****	0.62	****	1.94	****	5.29	****	2.78	****	1.41	****	0.12	****	24.98
TANLEQUAH	8677	2.55	0.77	3.64	1.22	7.05	3.41	4.70	0.14	3.92	-1.55	6.29	1.66	1.19	-2.20	4.18	1.12	5.99	1.65	****	****	5.73	2.53	5.57	3.11	****
TALOGA	9708	1.50	0.95	2.07	1.13	2.97	1.35	3.22	0.78	0.90	-4.23	4.11	0.84	1.60	-1.02	3.94	1.50	2.33	-0.30	****	****	1.36	-0.11	0.05	-0.57	****
TECUMSEH	8751	2.75	****	5.00	****	6.20	****	8.58	****	****	****	8.99	****	1.15	****	4.62	****	2.68	****	6.76	****	2.52	****	0.97	****	****
THOMAS	8815	1.94	****	2.12	****	3.74	****	3.79	****	1.36	****	5.90	****	2.38	****	3.76	****	3.03	****	2.70	****	2.41	****	****	****	****
TROUSDALE	8960	****	****	2.07	****	6.62	****	8.31	****	1.41	****	7.48	****	3.56	****	3.35	****	3.09	****	****	****	1.56	****	1.41	****	****
TULSA	8992	3.47	2.12	2.80	1.06	4.03	0.89	5.27	1.12	4.75	-0.39	5.86	1.29	2.38	-1.13	1.91	-1.10	3.29	-1.08	6.24	2.83	5.75	3.19	1.79	-0.03	47.56
TURPIN	9017	****	****	2.31	****	1.36	****	****	****	0.67	****	5.08	****	1.16	****	0.78	****	****	****	****	****	0.59	****	****	****	****
TUSKATOMA	9023	1.47	****	5.11	****	5.46	****	7.08	****	3.68	****	4.97	****	3.66	****	2.26	****	3.57	****	4.24	****	9.69	****	1.62	****	52.82
TUSSY	9032	2.49	****	3.45	****	****	****	4.23	****	4.01	****	11.81	****	1.19	****	0.82	****	2.76	****	****	****	1.81	****	0.83	****	****
UNION CITY	9086	****	****	5.01	3.60	6.85	4.48	****	****	0.69	-5.21	7.18	2.97	0.30	-1.84	3.57	1.02	4.90	1.14	4.36	1.27	2.72	0.66	0.44	-0.90	****
UP SPRAWINAW	9101	2.72	****	4.10	****	7.22	****	3.78	****	6.22	****	7.86	****	2.07	****	4.51	****	****	****	****	****	5.90	****	****	****	****
VALLIANT	9118	2.75	0.23	4.14	0.87	5.67	1.46	6.18	1.18	5.98	0.48	2.78	-0.92	3.91	0.33	0.00	-2.76	5.10	0.12	****	****	8.07	4.47	2.63	-0.97	****
VICI	9172	0.60	****	3.63	****	3.73	****	2.69	****	1.48	****	5.29	****	4.27	****	3.85	****	****	****	3.39	****	1.61	****	0.46	****	****
VINITA	9203	4.01	2.48	7.67	5.86	5.57	2.03	3.97	-0.10	4.84	-0.51	5.47	0.60	1.66	-1.72	3.84	0.23	****	****	6.19	2.47	9.78	6.82	2.34	0.20	****
VINSON	9212	0.89	0.42	1.60	0.94	3.19	1.91	1.20	-0.87	2.65	-1.99	8.25	5.42	2.73	0.77	1.56	-0.70	4.19	1.32	3.88	1.61	0.80	-0.22	0.35	-0.43	31.29
WAGONER	9247	2.26	0.54	2.95	1.06	6.93	3.54	5.13	0.46	5.88	1.05	9.48	4.39	1.81	-1.69	2.78	-0.07	5.39	1.30	11.43	8.33	4.19	0.99	2.78	0.72	61.02
WALTERS	9278	****	****	6.26	4.99	5.17	3.04	4.05	2.02	1.26	-4.05	8.81	5.22	0.31	-2.65	1.64	-0.93	2.37	-0.09	8.20	5.28	1.26	-0.57	0.91	-0.51	****
WANN	9298	2.35	****	6.30	****	4.20	****	4.81	****	3.80	****	9.91	****	0.62	****	2.45	****	****	****	****	****	5.56	****	****	****	****
WATONGA	9364	2.09	1.32	2.48	1.43	4.05	2.27	3.63	1.21	0.83	-4.15	4.85	1.08	1.64	-0.60	2.26	0.21	2.96	0.01	3.42	1.20	****	****	0.50	-0.50	****
WAURIKA	9395	0.90	-0.23	2.57	1.27	6.83	4.89	5.03	2.07	1.80	-3.05	8.53	5.28	0.20	-2.08	2.85	0.30	1.83	-1.57	6.34	3.65	0.53	-1.40	0.65	-0.83	38.06
WAYNOKA	9404	0.19	-0.41	2.20	1.22	1.85	0.22	****	****	0.40	-4.04	****	****	2.40	-0.15	6.03	3.33	****	****	****	****	1.60	0.32	****	****	****
WEATHERFORD	9422	2.01	1.37	2.20	1.22	2.60	1.01	2.02	-0.21	1.00	-3.72	4.40	0.77	1.00	-1.49	1.73	-0.95	2.49	-0.79	3.85	1.12	1.94	0.58	0.17	-0.69	25.45
WEBBER FALLS	9445	1.97	0.34	4.43	2.12	7.04	3.45	3.71	-0.89	1.96	-3.35	****	****	1.03	-2.12	5.93	3.05	4.87	0.53	****	****	5.24	2.25	4.39	2.10	****
WELTY	9479	****	****	4.34	****	6.64	****	****	****	2.25	****	5.76	****	0.85	****	0.95	****	4.07	****	****	****	2.70	****	1.39	****	****
WESTVILLE	9523	2.00	****	4.07	****	7.10	****	4.49	****	4.09	****	5.80	****	2.07	****	5.76	****	3.63	****	****	****	7.16	****	****	****	****
WETUMKA	9571	2.52	1.10	3.58	1.98	8.10	4.98	5.81	1.45	2.48	-2.94	4.44	0.12	0.81	-2.38	1.87	-0.55	3.39	-0.63	8.38	5.25	4.24	1.47	3.67	1.78	49.30
WENOKA	9575	****	****	3.45	1.77	6.43	3.71	****	****	2.39	-2.94	6.38	2.17	1.68	-1.11	3.13	0.28	3.22	-0.90	10.16	7.18	2.89	0.66	3.60	1.82	****
WICHITA MT	9629	0.90	0.00	****	****	7.54	5.65	3.80	1.35	0.65	-4.59	5.63	2.17	1.79	-0.70	3.77	1.73	****	****	****	****	2.45	0.91	****	****	****
WILBURTON	9634	0.78	-1.13	1.18	-1.44	6.88	2.80	5.60	0.55	1.40	-4.22	3.80	-0.14	2.25	-2.08	1.00	-2.33	5.70	0.76	4.47	0.92	14.75	11.17	0.55	-2.32	48.37
WILLOW	9668	1.80	****	2.05	****	3.27	****	3.34	****	0.38	****	5.76	****	1.77	****	2.64	****	****	****	5.19	****	2.17	****	0.41	****	****
WOODWARD	9760	0.47	-0.05	2.26	1.30	1.66	0.16	4.84	2.84	2.44	-1.63	4.49	1.35	2.80	-0.02	4.72	1.90	6.43	4.40	4.51	2.69	1.25	0.16	1.25	0.16	37.14
WYNDMA	9792	1.35	****	7.01	****	4.41	****	****	****	3.30	****	15.31	****	1.64	****	1.64	****	1.64	****	1.64	****	1.64	****	1.64	****	****

MONTHLY AND ANNUAL HEATING DEGREE DAYS

BASE = 65 DEGREES FAHRENHEIT

	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE		
ADA	17	965.5	158.5	761.0	193.0	306.5-104.5	67.0	-44.0	4.0	-19.0	0.0	0.0	0.0	0.0	0.0	0.0	31.5	19.5	107.5	-11.5	419.5	15.5	851.0	164.0	3555.5	
ALTUS IR ST	179	881.5	84.5	****	****	318.0	-67.0	73.5	-50.5	0.0	-16.0	0.0	0.0	0.0	0.0	0.0	25.5	18.5	116.0	9.0	439.0	25.0	837.5	149.5	****	
ALTUS DAM	184	934.0	****	716.0	****	365.0	****	92.5	****	4.5	****	0.0	***	0.0	***	0.0	***	****	****	****	****	525.5	****	****	****	****
ALVA	194	1071.0	****	822.5	****	415.0	****	147.5	****	12.0	****	0.0	***	0.0	0.0	0.0	88.5	66.5	***	****	677.5	149.5	****	****	****	
ANTLERS	256	913.5	144.5	643.0	60.0	220.0-178.0	74.5	-46.5	4.5	-21.5	0.0	0.0	0.0	0.0	0.0	0.0	30.5	21.5	81.0	-43.0	295.0-105.0	790.0	130.0	3052.0		
ARDMORE	292	988.0	210.0	****	****	234.0-106.0	59.0	-22.0	2.5	-4.5	0.0	0.0	0.0	0.0	0.0	0.0	****	****	****	****	356.0	26.0	****	****	****	
ARNETT	332	1014.0	31.0	840.5	98.5	467.0-145.0	152.5	-95.5	****	****	3.0	-4.0	0.0	0.0	0.0	0.0	64.0	53.0	246.0	39.0	712.5	133.5	986.5	124.5	****	
ATOKA DAM	394	922.0	****	704.5	****	264.5	****	87.5	****	3.5	****	***	***	***	***	0.0	***	17.5	****	61.5	****	309.5	****	****	****	****
BARNSDALL	535	1099.0	****	****	****	355.0	****	112.5	****	14.5	****	4.0	***	0.0	***	0.0	***	****	****	****	****	563.0	****	****	****	****
BARTLESVILLE	548	1089.0	147.0	****	****	339.0-177.0	110.5	-60.5	17.0	-19.0	5.5	5.5	0.0	0.0	0.0	0.0	45.5	27.5	127.5	-32.5	575.0	74.0	1015.0	209.0	****	
BEAR MT TW	584	882.5	****	656.5	****	216.5	****	90.0	****	****	****	2.0	***	0.0	***	0.0	***	****	****	****	****	****	****	****	****	****
BILLINGS	755	1064.0	****	829.0	****	386.0	****	147.0	****	14.0	****	0.0	***	0.0	***	0.0	***	48.5	****	202.0	****	592.5	****	954.0	****	4237.0
BLACKWELL	818	1075.5	****	815.0	****	420.0	****	134.0	****	28.0	****	0.0	***	0.0	***	0.0	***	67.5	****	158.5	****	638.5	****	1025.5	****	4362.5
BLANCHARD	830	****	****	****	****	****	****	85.5	****	3.0	****	0.0	***	0.0	***	***	***	41.0	****	109.0	****	496.5	****	878.0	****	****
BOISE CITY	900	1032.5	74.5	807.5	59.5	539.5-108.5	243.5	-82.5	67.0	-63.0	16.5	6.5	0.0	0.0	0.0	0.0	****	****	****	****	690.5	57.5	****	****	****	
BOSWELL	980	921.0	****	656.5	****	238.0	****	96.0	****	1.5	****	0.0	***	0.0	***	0.0	***	22.0	****	95.0	****	341.0	****	812.0	****	3183.0
BRISTOW	1144	1054.0	177.0	792.0	159.0	****	****	97.0	-59.0	13.0	-19.0	0.0	0.0	0.0	0.0	***	***	41.0	19.0	****	****	498.5	34.5	****	****	****
BROKEN BOW	1168	****	****	650.0	****	****	****	106.0	****	7.0	****	0.0	***	0.0	***	0.0	***	****	****	****	****	280.0	****	****	****	****
BUFFALO	1243	1004.0	65.0	825.0	136.0	430.0-111.0	147.0	-47.0	19.5	-43.5	2.0	-4.0	0.0	0.0	0.0	0.0	84.0	65.0	177.0	22.0	647.5	107.5	978.5	156.5	4314.5	
CANEY	1437	921.0	****	635.0	****	229.5	****	81.5	****	1.0	****	0.0	***	0.0	***	***	***	****	****	86.5	****	335.0	****	****	****	****
CANTON DAM	1445	****	****	****	****	455.0	-53.0	127.0	-65.0	15.0	-35.0	0.0	0.0	0.0	0.0	0.0	***	****	****	****	****	632.5	134.5	****	****	****
CARNEGIE	1504	970.5	111.5	705.5	76.5	351.5-103.5	99.0	-51.0	5.5	-16.5	0.0	0.0	0.0	0.0	0.0	0.0	40.5	26.5	123.0	-3.0	529.0	64.0	866.5	125.5	3691.0	
CHATTANOOGA	1706	907.0	101.0	690.0	110.0	311.0-101.0	93.5	-35.5	4.0	-14.0	***	***	0.0	0.0	0.0	0.0	31.0	23.0	88.5	-12.5	472.5	49.5	838.5	137.5	****	
CHEROKEE P	1724	1077.0	131.0	808.0	105.0	380.0-153.0	****	****	6.5	-38.5	0.0	0.0	0.0	0.0	0.0	0.0	****	****	****	****	641.5	110.5	****	****	****	
CHICKASAW	1745	975.5	****	706.0	****	312.0	****	104.5	****	19.5	****	0.0	***	0.0	***	0.0	***	19.0	****	106.5	****	408.0	****	806.0	****	3537.0
CHICKASHA	1750	992.5	149.5	756.5	143.5	366.5-60.5	111.5	-30.5	3.5	-20.5	0.0	0.0	0.0	0.0	0.0	0.0	55.5	42.5	****	****	478.5	28.5	881.0	156.0	****	
CLAREMORE	1826	1070.0	124.0	****	****	380.0-154.0	147.0	-40.0	27.0	-36.0	4.0	4.0	0.0	0.0	0.0	0.0	38.0	12.0	133.0	-47.0	496.5	-1.5	1025.5	219.5	****	
CLINTON	1909	970.5	83.5	720.0	59.0	365.5-127.5	80.0	-99.0	6.0	-35.0	0.0	0.0	0.0	0.0	0.0	0.0	49.5	33.5	135.0	-10.0	568.5	73.5	878.5	100.5	3773.5	
CUSHING	2318	1038.0	102.0	****	****	379.5-152.5	****	****	13.0	-36.0	0.5	0.5	***	***	0.0	0.0	48.5	28.5	141.0	-9.0	504.5	21.5	977.5	166.5	****	
DUNCAN	2660	930.5	152.5	662.0	92.0	****	****	60.5	-51.5	2.5	-14.5	0.0	0.0	0.0	0.0	0.0	****	****	****	****	395.5	-1.5	****	****	****	
DURANT	2678	931.5	****	****	****	245.5	****	72.5	****	0.0	****	0.0	***	0.0	***	0.0	***	13.0	****	78.0	***	302.0	****	****	****	****
EL RENO	2818	1095.5	202.5	787.5	123.5	437.5-55.5	142.0	-36.0	12.5	-24.5	0.0	0.0	0.0	0.0	0.0	0.0	50.5	35.5	172.5	32.5	594.5	99.5	1001.0	229.0	4293.5	
ELK CITY	2849	1036.0	****	774.5	****	442.5	****	138.0	****	14.0	****	0.0	***	0.0	***	0.0	***	70.0	****	190.0	***	647.5	****	958.0	****	4270.5
ENID	2912	1088.0	170.0	807.5	129.5	391.5-115.5	121.5	-56.5	6.5	-33.5	0.0	0.0	0.0	0.0	0.0	0.0	86.0	71.0	****	****	656.5	161.5	978.0	181.0	****	
ERICK	2944	963.0	95.0	731.5	87.5	407.0-84.0	120.0	-58.0	6.0	-38.0	0.0	0.0	0.0	0.0	***	***	59.0	46.0	169.0	24.0	622.0	124.0	933.0	167.0	****	

MONTHLY AND ANNUAL HEATING DEGREE DAYS

BASE = 65 DEGREES FAHRENHEIT

	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE		
FT SUPPLY DM	3304	****	847.0	141.0	455.5	-102.5	****	****	25.5	-43.5	2.0	-4.0	0.0	0.0	0.0	0.0	****	****	****	****	740.5	203.5	****	****	****	
FREDERICK	3353	850.5	134.5	650.0	140.0	322.5	-54.5	44.0	-61.0	1.5	-13.5	0.0	0.0	0.0	0.0	0.0	20.0	21.0	79.5	-13.5	447.0	50.0	****	****	****	
FREEDOM	3358	1042.5	****	815.5	****	379.5	****	126.5	****	8.0	****	0.0	***	0.0	***	***	73.0	****	180.0	****	650.5	****	1010.5	****	****	
GAGE	3407	****	830.0	82.0	401.0	-118.0	166.5	-76.5	34.0	-53.0	3.5	3.5	0.0	0.0	0.0	0.0	103.5	77.5	235.5	33.5	705.0	114.0	994.0	120.0	****	
GATE	3409	1027.0	****	773.0	****	470.0	****	134.5	****	20.5	****	6.5	***	0.0	***	***	****	****	****	****	741.5	****	****	****	****	
GEARY	3497	1040.5	158.5	773.5	104.5	417.5	-81.5	118.0	-54.0	10.5	-29.5	0.0	0.0	0.0	0.0	0.0	49.5	30.5	****	****	637.0	151.0	****	****	****	
GOODWELL	3628	1027.0	50.0	842.0	103.0	545.0	-87.0	****	****	77.0	-42.0	17.0	6.0	0.0	0.0	0.0	120.5	81.5	311.5	80.5	726.0	105.0	975.0	98.0	****	
GUTHRIE	3821	1031.5	138.5	755.0	91.0	333.5	-150.5	****	****	****	****	0.0	0.0	0.0	0.0	0.0	30.5	15.5	115.5	-23.5	537.5	66.5	918.5	143.5	****	
GUYMON	3835	1048.5	****	766.0	****	488.0	****	****	****	52.0	****	12.5	***	0.0	***	0.0	122.5	****	299.5	****	724.0	****	968.5	****	****	
HAMMON	3871	1008.5	100.5	805.0	130.0	491.0	-24.0	157.5	-25.5	14.5	-48.5	0.0	-6.0	0.0	0.0	0.0	64.0	42.0	197.0	27.0	661.0	136.0	990.5	184.5	4389.0	
HANNA	3884	990.5	****	742.0	****	260.0	****	89.0	****	6.5	****	0.5	***	0.0	***	0.0	40.0	****	****	****	416.0	****	****	****	****	
HELENA	4019	1064.0	****	850.5	****	450.5	****	146.0	****	14.5	****	1.0	***	0.0	***	0.0	70.0	****	****	****	687.0	****	1023.0	****	****	
HENNESSEY	4055	****	775.5	92.5	407.0	-105.0	130.0	-46.0	17.0	-24.0	0.0	0.0	0.0	0.0	0.0	0.0	77.0	63.0	198.5	57.5	612.0	117.0	985.5	188.5	****	
HOBART	4204	973.0	80.0	732.0	66.0	375.0	-122.0	110.5	-69.5	9.5	-29.5	***	***	0.0	0.0	0.0	64.0	48.0	****	****	****	****	****	****	****	
HOLDENVILLE	4235	1016.5	204.5	760.5	167.5	295.5	-134.5	95.0	-36.0	10.5	-12.5	0.5	0.5	0.0	0.0	0.0	38.0	27.0	101.0	-14.0	428.0	15.0	664.5	179.5	3610.0	
HUGO	4384	880.0	176.0	631.5	118.5	205.5	-141.5	61.5	-32.5	2.0	-7.0	0.0	0.0	0.0	0.0	0.0	27.0	27.0	70.5	-23.5	271.0	-86.0	737.0	139.0	2886.0	
IDABEL	4451	881.5	168.5	643.0	119.0	225.0	-139.0	79.5	-28.5	4.5	-10.5	0.0	0.0	0.0	0.0	0.0	20.5	14.5	96.5	-18.5	294.0	-86.0	738.5	118.5	2983.0	
JAY TOWER	4567	1110.0	****	825.0	****	340.0	****	148.5	****	23.0	****	0.0	***	0.0	***	0.0	42.0	****	****	****	****	****	****	****	****	****
JEFFERSON	4573	1085.5	136.5	829.0	118.0	402.0	-131.0	125.5	-72.5	12.5	-34.5	1.0	1.0	0.0	0.0	0.0	67.0	52.0	****	****	****	****	****	****	****	
KANSAS	4672	1110.5	****	****	****	****	****	****	****	33.0	****	***	***	0.0	***	0.0	49.5	****	****	****	464.5	****	964.5	****	****	
KENTON	4766	1028.0	79.0	849.5	110.5	589.0	-62.0	****	****	89.0	-27.0	11.0	-3.0	0.0	0.0	2.5	2.5	****	****	****	****	673.0	40.0	****	****	****
KEYSTONE	4812	****	838.5	****	****	****	132.0	****	17.5	****	4.0	***	0.0	***	0.0	***	****	****	****	****	509.5	****	****	****	****	
KINGFISHER	4861	1030.5	131.5	761.0	95.0	385.5	-104.5	122.5	-51.5	10.5	-24.5	0.0	0.0	0.0	0.0	0.0	61.0	47.0	153.0	24.0	588.5	105.5	973.5	195.5	4086.0	
LAKE EUFAULA	4975	996.0	****	780.5	****	303.5	****	97.5	****	7.0	****	0.0	***	0.0	***	***	****	****	****	****	380.5	****	****	****	****	
MADILL	5468	915.0	171.0	654.5	114.5	245.0	-133.0	64.0	-43.0	2.0	-11.0	0.0	0.0	0.0	0.0	0.0	25.5	10.5	74.5	-18.5	330.0	-36.0	755.5	129.5	3066.0	
MANGUM RS ST	5509	923.0	105.0	****	****	320.0	-106.0	80.0	-60.0	0.0	-24.0	0.0	0.0	0.0	0.0	0.0	****	****	****	****	519.5	75.5	****	****	****	
MANNFORD	5522	1082.5	****	790.0	****	323.0	****	93.0	****	9.5	****	2.5	***	0.0	***	0.0	47.0	****	****	****	502.0	****	****	****	****	
MARIETTA	5563	891.0	153.0	618.0	82.0	230.0	-141.0	52.5	-57.5	0.5	-14.5	0.0	0.0	0.0	0.0	0.0	20.0	10.0	67.0	-25.0	354.0	-17.0	769.5	143.5	3002.5	
MARLOW	5581	970.5	****	702.5	****	298.5	****	86.0	****	11.0	****	0.0	***	0.0	***	0.0	30.0	****	104.5	****	471.0	****	840.0	****	3522.0	
MCALESTER	5664	1020.5	186.5	753.0	140.0	289.0	-152.0	112.0	-32.0	13.0	-21.0	0.0	0.0	0.0	0.0	0.0	35.0	19.0	96.0	-37.0	371.0	-62.0	692.5	179.5	3582.0	
MCCURTAIN	5693	980.5	****	****	****	254.5	****	103.0	****	8.0	****	1.5	***	***	***	0.0	***	****	****	****	339.5	****	****	****	****	
NEEKER	5779	1057.5	173.5	739.5	92.5	308.0	-167.0	66.5	-91.5	2.0	-33.0	0.0	0.0	***	***	***	***	****	****	109.0	-41.0	495.5	24.5	891.5	141.5	****
MIAMI	5855	1199.0	260.0	858.0	152.0	****	****	164.5	-21.5	40.0	-18.0	8.0	1.0	0.0	0.0	0.0	69.0	42.0	163.5	-10.5	****	****	****	****	****	

MONTHLY AND ANNUAL HEATING DEGREE DAYS
 BASE = 65 DEGREES FAHRENHEIT

	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE	HDD	DEPARTURE		
MUSKOGEE	6130	998.5	152.5	*****	*****	294.0	-154.0	*****	*****	6.0	-26.0	1.0	1.0	0.0	0.0	0.0	0.0	61.0	44.0	****	****	415.0	-32.0	*****	*****	*****
MUTUAL	6139	1034.5	76.5	*****	*****	508.5	-65.5	183.5	-46.5	40.5	-38.5	4.0	-2.0	0.0	0.0	0.0	0.0	****	****	239.5	64.5	691.0	139.0	977.5	134.5	*****
NEWKIRK	6278	1135.5	155.5	653.0	122.0	389.0	-165.0	118.0	-66.0	13.0	-38.0	6.0	6.0	0.0	0.0	0.0	0.0	56.0	34.0	157.5	0.5	629.5	181.5	1029.5	180.5	4387.0
OKEENA	6629	988.0	101.0	790.5	135.5	381.0	-101.0	99.5	-68.5	4.0	-32.0	0.0	0.0	0.0	0.0	0.0	0.0	54.0	37.0	160.0	38.0	575.0	98.0	915.5	149.5	3967.5
OKEMAH	6636	1034.0	194.0	752.0	139.0	290.0	-160.0	72.0	-64.0	5.5	-21.5	0.0	0.0	0.0	0.0	0.0	0.0	****	****	****	****	464.5	35.5	*****	*****	*****
OKLAHOMA CIT	6661	1037.0	135.0	780.5	102.5	382.5	-123.5	105.0	-79.0	14.0	-27.0	0.0	0.0	0.0	0.0	0.0	0.0	69.5	54.5	154.0	9.0	533.0	47.0	927.5	149.5	4003.0
OKMULGEE W W	6670	996.5	140.5	759.5	143.5	293.5	-154.5	90.5	-40.5	12.5	-17.5	0.0	0.0	0.0	0.0	0.0	0.0	****	****	****	****	436.0	4.0	*****	*****	*****
PAULS VALLEY	6926	*****	*****	*****	*****	274.0	-131.0	72.0	-46.0	5.5	-12.5	0.0	0.0	0.0	0.0	0.0	0.0	32.0	23.0	****	****	444.0	31.0	802.0	114.0	*****
PERRY	7012	1061.0	171.0	785.0	127.0	350.5	-132.5	93.0	-64.0	5.5	-32.5	0.0	0.0	0.0	0.0	0.0	0.0	58.5	43.5	164.0	39.0	634.5	172.5	1002.0	239.0	4154.0
PONCA CITY	7201	1059.0	48.0	834.0	70.0	370.5	-209.5	107.5	-115.5	15.0	-50.0	***	***	0.0	0.0	0.0	0.0	66.0	38.0	148.0	-31.0	*****	****	1024.5	147.5	*****
POTEAU	7246	922.5	144.5	693.5	122.5	231.5	-179.5	80.5	-32.5	2.5	-19.5	0.0	0.0	0.0	0.0	0.0	0.0	****	****	****	****	*****	****	*****	*****	*****
PRYOR	7309	1117.0	184.0	879.0	179.0	*****	*****	170.0	-26.0	****	*****	***	***	0.0	0.0	***	***	43.5	19.5	173.0	6.0	526.0	22.0	1033.0	239.0	*****
PURCELL	7327	1023.5	152.5	743.0	105.0	305.0	-170.0	106.0	-48.0	6.0	-29.0	0.0	0.0	***	***	0.0	0.0	35.5	23.5	117.0	-18.0	495.0	28.0	896.5	152.5	*****
RALSTON	7390	1089.5	*****	838.0	*****	357.5	*****	112.0	*****	15.5	*****	5.5	***	0.0	***	0.0	***	50.0	*****	****	****	575.0	****	*****	*****	*****
SALLISAW	7862	1041.0	216.0	764.0	159.0	323.0	-119.0	121.5	-8.5	11.5	-13.5	2.5	2.5	0.0	0.0	0.0	0.0	28.5	18.5	****	****	377.0	-57.0	*****	*****	*****
SEMINOLE	8042	983.0	180.0	725.5	151.5	267.0	-144.0	61.0	-71.0	1.5	-21.5	0.0	0.0	0.0	0.0	0.0	0.0	29.5	19.5	78.0	-22.0	419.0	15.0	850.5	168.5	3415.0
SPAVINAW	8380	1108.5	*****	822.5	*****	334.0	*****	134.0	*****	20.0	*****	2.5	***	0.0	***	0.0	***	****	****	115.5	****	462.5	****	*****	*****	*****
SPAVINAW AG	8382	1078.0	*****	887.0	*****	*****	*****	152.0	*****	20.5	*****	2.5	***	***	***	0.0	***	****	****	****	****	456.0	****	*****	*****	*****
STILLWATER	8501	1016.0	95.0	806.0	120.0	380.5	-134.5	121.0	-62.0	23.0	-25.0	***	***	0.0	0.0	0.0	0.0	57.0	39.0	****	****	529.5	46.5	*****	*****	*****
STILWELL	8506	1092.0	*****	807.5	*****	347.0	*****	159.5	*****	33.0	*****	6.5	***	0.0	***	0.0	***	****	****	****	****	429.5	****	*****	*****	*****
TAHLEQUAH	8677	1107.0	239.0	795.0	154.0	311.0	-169.0	131.5	-31.5	26.5	-29.5	6.0	6.0	0.0	0.0	0.0	0.0	50.0	26.0	****	****	416.5	-59.5	931.5	181.5	*****
TALOGA	8708	1051.5	124.5	780.5	83.5	423.0	-105.0	124.5	-76.5	22.5	-33.5	0.0	0.0	0.0	0.0	0.0	0.0	59.5	40.5	****	****	623.5	83.5	947.0	132.0	*****
TULSA	8992	1042.5	118.5	795.0	115.0	335.0	-165.0	101.0	-67.0	9.5	-30.5	0.5	0.5	0.0	0.0	0.0	0.0	37.5	19.5	113.0	-33.0	474.0	0.0	952.5	171.5	3860.5
TUSKAHOMA	9023	946.5	*****	667.5	*****	230.5	*****	105.0	*****	12.5	*****	1.0	***	0.0	***	0.0	***	32.5	****	104.5	****	334.0	****	829.5	*****	3263.5
VINITA	9203	1160.0	214.0	867.0	161.0	360.5	-173.5	143.5	-45.5	****	*****	3.5	-3.5	0.0	0.0	***	***	****	****	143.5	-32.5	531.5	18.5	1021.5	212.5	*****
WAGNER	9247	1079.0	208.0	792.5	154.5	314.0	-152.0	114.0	-36.0	12.5	-17.5	0.5	0.5	0.0	0.0	0.0	0.0	42.0	25.0	85.0	-56.0	452.5	5.5	931.0	199.0	3823.0
WALTERS	9270	*****	*****	671.5	111.5	270.0	-123.0	79.5	-44.5	2.0	-15.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	13.0	72.0	-44.0	445.0	30.0	784.5	117.5	*****
WATONGA	9364	1066.0	*****	767.5	*****	415.0	*****	125.5	*****	12.0	*****	0.0	***	0.0	***	0.0	***	67.0	****	179.0	****	*****	****	967.0	*****	*****
WAURIKA	9395	910.0	166.0	663.5	131.5	252.5	-111.5	75.5	-28.5	0.0	-13.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	17.0	68.5	-25.5	389.0	10.0	782.5	150.5	3164.5
WEATHERFORD	9422	1083.5	123.5	796.0	144.0	*****	*****	115.0	-53.0	6.0	-27.0	0.0	0.0	0.0	0.0	0.0	0.0	55.5	40.5	55.5	40.5	581.0	98.0	971.5	202.5	*****
WEBBER FALLS	9445	1041.5	139.5	818.5	140.5	*****	*****	*****	*****	10.0	-26.0	***	***	0.0	0.0	0.0	0.0	37.5	22.5	37.5	22.5	402.5	-68.5	*****	*****	*****
WICHITA MT	9629	958.5	115.5	*****	*****	352.0	-105.0	105.5	-42.5	3.0	-27.0	0.0	0.0	0.0	0.0	0.0	0.0	****	****	****	****	554.0	89.0	*****	*****	*****
WILBURTON	9634	969.0	172.0	697.5	109.5	262.0	-165.0	102.0	-38.0	4.5	-33.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	431.0	3.0	431.0	3.0	2898.5

MONTHLY AND ANNUAL COOLING DEGREE DAYS

BASE = 65 DEGREES FAHRENHEIT

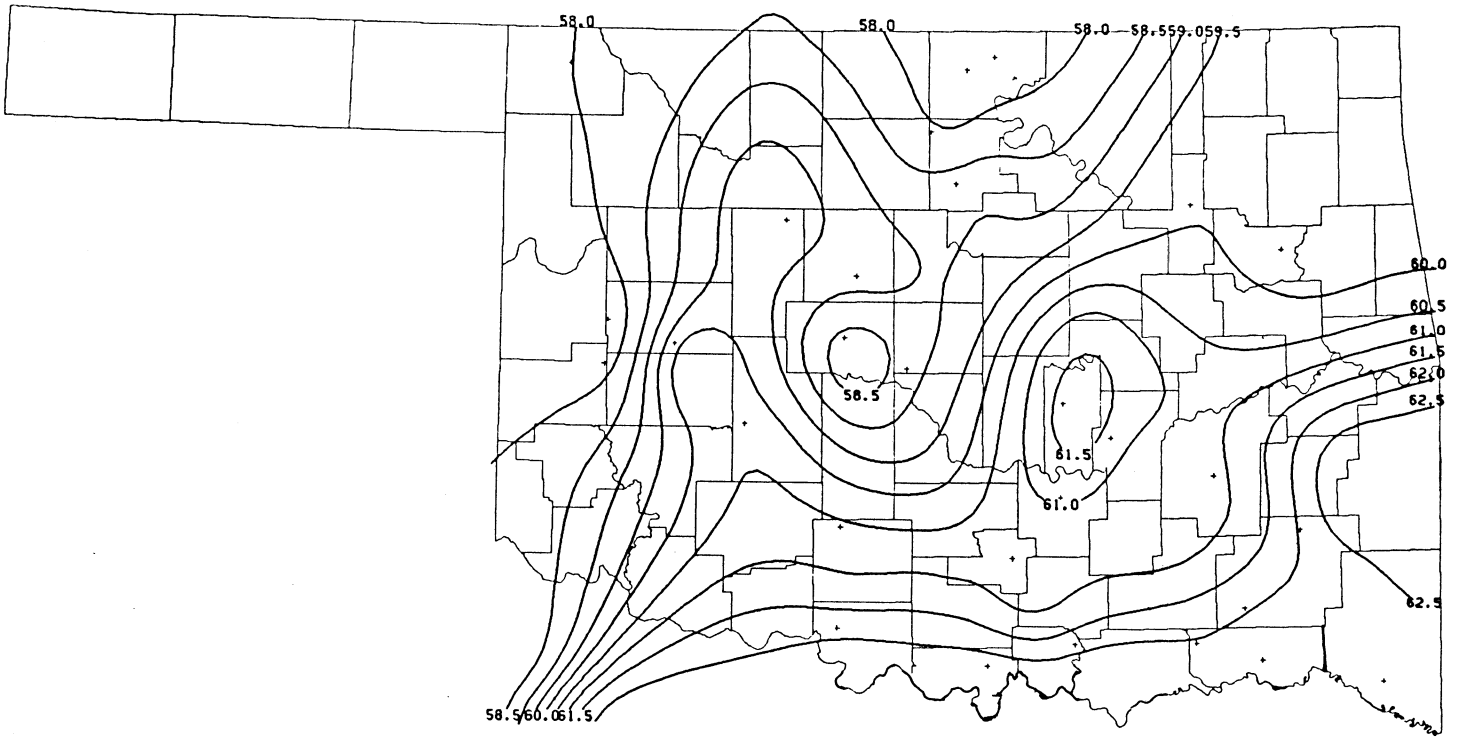
		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		
		COOLING	DEPARTURE	COOLING	DEPARTURE	COOLING	DEPARTURE	COOLING	DEPARTURE	COOLING	DEPARTURE	COOLING	DEPARTURE	COOLING	DEPARTURE	COOLING	DEPARTURE	COOLING	DEPARTURE	COOLING	DEPARTURE	COOLING	DEPARTURE	COOLING	DEPARTURE	
ADA	17	0.0	0.0	0.0	0.0	16.5	-6.5	43.0	-13.0	184.0	16.0	359.0	-22.0	524.0	-25.0	555.5	37.5	339.5	39.5	42.0	-58.0	0.5	-7.5	0.0	0.0	2064.0
ALTUS IR ST	179	0.0	0.0	***	***	10.5	-6.5	48.0	-25.0	253.0	31.0	429.0	-36.0	566.0	-20.0	635.0	74.0	375.5	56.5	55.5	-39.5	5.0	5.0	0.0	0.0	*****
ALTUS DAM	184	0.0	***	0.0	***	9.5	****	66.0	****	222.0	****	363.5	****	552.5	****	554.0	****	****	****	****	****	0.0	****	****	****	*****
ALVA	194	0.0	***	0.0	***	0.0	****	26.0	****	168.0	****	375.0	****	548.0	-22.0	458.0	-69.0	287.0	21.0	****	****	0.0	0.0	****	****	*****
ANTLERS	256	0.0	0.0	0.0	0.0	34.0	14.0	83.5	34.5	173.5	-0.5	368.5	-6.5	465.0	-42.0	600.5	101.5	335.5	44.5	95.0	17.0	20.5	20.5	0.0	0.0	2196.0
ARDMORE	292	0.0	0.0	***	***	34.5	1.5	66.0	-21.0	217.0	-19.0	489.5	-49.5	536.5	-77.5	641.5	52.5	****	****	****	****	17.5	8.5	****	****	*****
ARNETT	332	0.0	0.0	0.0	0.0	0.0	-6.0	22.5	2.5	****	****	267.0	-61.0	475.0	-15.0	386.5	-54.5	256.0	48.0	1.5	-44.5	0.0	0.0	0.0	0.0	*****
ATOKA DAM	394	0.0	***	0.0	***	24.5	****	66.5	****	183.5	****	****	****	****	****	615.0	****	375.5	****	108.0	****	5.0	****	****	****	*****
BARNSDALL	535	0.0	***	***	***	17.5	****	61.5	****	175.5	****	326.0	****	524.5	****	521.5	****	****	****	****	****	****	****	****	****	*****
BARTLESVILLE	548	0.0	0.0	***	***	21.0	7.0	60.0	15.0	168.0	18.0	318.5	-41.5	517.5	-9.5	490.5	6.5	314.5	62.5	40.5	-13.5	1.5	1.5	0.0	0.0	*****
BEAR MT TW	584	0.0	***	0.0	***	26.5	****	52.0	****	****	****	317.5	****	481.0	****	584.5	****	****	****	****	****	****	****	****	****	*****
BILLINGS	755	0.0	***	0.0	***	1.0	****	17.5	****	124.5	****	312.0	****	506.5	****	459.5	****	306.0	****	0.5	****	0.0	****	0.0	****	1727.5
BLACKWELL	818	0.0	***	0.0	***	0.0	****	31.0	****	129.0	****	312.0	****	525.0	****	490.5	****	309.5	****	16.0	****	0.0	****	0.0	****	1815.0
BLANCHARD	830	***	***	***	***	****	****	60.5	****	206.5	****	355.0	****	497.0	****	****	****	335.0	****	50.5	****	5.5	****	0.0	****	*****
BOISE CITY	908	0.0	0.0	0.0	0.0	1.0	1.0	11.0	3.0	90.0	16.0	281.5	16.5	428.0	25.0	354.0	22.0	****	****	****	****	0.0	0.0	****	****	*****
BOSWELL	980	0.0	***	0.0	***	23.0	****	51.0	****	164.5	****	335.0	****	518.5	****	609.5	****	338.0	****	78.5	****	14.0	****	0.0	****	2132.0
BRISTOW	1144	0.0	0.0	0.0	0.0	****	****	55.0	-8.0	178.5	19.5	318.0	-48.0	474.5	-58.5	****	****	325.5	42.5	****	****	9.5	4.5	****	****	*****
BROKEN BOW	1168	***	***	0.0	***	***	****	39.0	****	122.0	****	356.5	****	480.0	****	558.0	****	****	****	****	****	14.5	****	****	****	*****
BUFFALO	1243	0.0	0.0	0.0	0.0	7.5	-6.5	27.0	-8.0	157.5	-13.5	292.5	-115.5	527.0	-43.0	481.5	-39.5	316.5	51.5	18.0	-47.0	0.0	0.0	0.0	0.0	1827.5
CANEY	1437	0.0	***	0.0	***	18.0	****	44.5	****	167.5	****	358.0	****	488.0	****	****	****	****	****	59.0	****	7.0	****	****	****	*****
CANTON DAM	1445	***	***	***	***	0.0	-15.0	29.5	-15.5	156.5	-2.5	274.0	-107.0	481.0	-74.0	404.0	****	****	****	****	****	****	****	****	****	*****
CARNEGIE	1504	0.0	0.0	0.0	0.0	13.0	-1.0	42.5	-11.5	226.5	47.5	397.0	-29.0	539.0	-41.0	579.0	43.0	352.5	56.5	40.5	-30.5	0.0	0.0	0.0	0.0	2190.0
CHATTANOOGA	1706	0.0	0.0	0.0	0.0	10.5	-8.5	42.5	-20.5	230.5	32.5	****	****	565.5	-32.5	644.5	77.5	391.5	62.5	67.0	-12.0	6.0	6.0	0.0	0.0	*****
CHEROKEE P P	1724	0.0	0.0	0.0	0.0	1.0	-11.0	****	****	211.5	51.5	420.0	3.0	626.5	46.5	556.0	23.0	****	****	****	****	0.0	0.0	****	****	*****
CHICKASAW	1745	0.0	***	0.0	***	30.5	****	54.0	****	175.0	****	346.0	****	474.5	****	594.0	****	355.5	****	46.5	****	0.0	****	0.0	****	2078.0
CHICKASHA	1750	0.0	0.0	0.0	0.0	11.5	-7.5	34.0	-27.0	229.5	43.5	361.5	-32.5	547.0	-11.0	566.5	64.5	355.0	75.0	****	****	8.5	8.5	0.0	0.0	*****
CLAREMORE	1828	0.0	0.0	***	***	15.5	5.5	35.0	1.0	111.5	-40.5	276.0	-63.0	469.5	-45.5	443.0	-31.0	298.0	41.0	32.5	-35.5	2.5	2.5	0.0	0.0	*****
CLINTON	1909	0.0	0.0	0.0	0.0	11.0	-2.0	50.0	3.0	228.0	63.0	405.0	3.0	616.0	49.0	601.0	74.0	365.5	91.5	35.5	-22.5	0.0	0.0	0.0	0.0	2312.0
CUSHING	2318	0.0	0.0	***	****	12.5	-4.5	****	****	137.5	-20.5	314.0	-48.0	****	****	463.0	-45.0	298.0	20.0	22.5	-46.5	0.0	0.0	0.0	0.0	*****
DUNCAN	2660	0.0	0.0	0.0	-6.0	****	****	54.0	-19.0	227.5	27.5	370.0	-50.0	530.5	-52.5	580.0	22.0	****	****	****	****	2.5	-4.5	****	****	*****
DURANT	2678	0.0	***	***	****	31.5	****	79.5	****	189.5	****	383.5	****	518.0	****	608.5	****	357.0	****	98.0	****	15.5	****	****	****	*****
EL RENO	2618	0.0	0.0	0.0	0.0	9.5	-3.5	25.5	-17.5	157.0	5.0	278.5	-93.5	463.5	-79.5	484.5	-20.5	233.5	-33.5	15.0	-44.0	0.0	0.0	0.0	0.0	1667.0
ELK CITY	2849	0.0	***	0.0	****	1.5	****	27.0	****	165.0	****	326.5	****	464.5	****	476.5	****	267.5	****	15.0	****	0.0	****	0.0	****	1763.5
ENID	2912	0.0	0.0	0.0	0.0	1.0	-13.0	36.5	-3.5	183.0	19.0	356.0	-49.0	532.0	-42.0	442.0	-86.0	278.0	-1.0	****	****	1.0	1.0	0.0	0.0	*****
ERICK	2944	0.0	0.0	0.0	0.0	2.0	-9.0	28.0	-12.0	178.0	24.0	338.0	-47.0	496.0	-26.0	****	****	313.5	57.5	30.5	-14.5	0.0	0.0	0.0	0.0	*****

MONTHLY AND ANNUAL COOLING DEGREE DAYS
 BASE = 65 DEGREES FAHRENHEIT

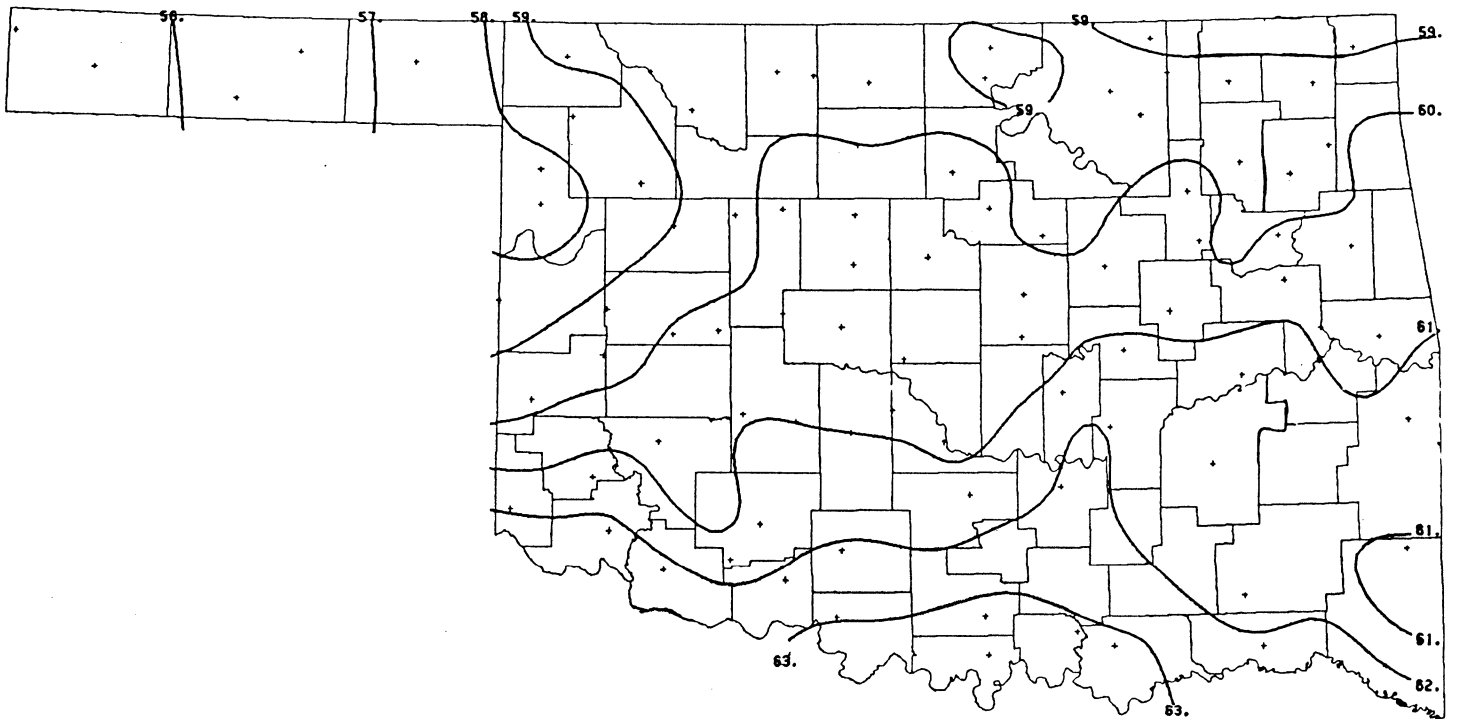
	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER				
	COOLING	DEPARTURE	COOLING	DEPARTURE	COOLING	DEPARTURE	COOLING	DEPARTURE	COOLING	DEPARTURE	COOLING	DEPARTURE	COOLING	DEPARTURE	COOLING	DEPARTURE	COOLING	DEPARTURE	COOLING	DEPARTURE	COOLING	DEPARTURE	COOLING	DEPARTURE			
FT SUPPLY DM 3384	***	***	0.0	0.0	0.0	-15.0	****	*****	121.0	-26.0	276.0	-87.0	470.5	-50.5	410.5	-66.5	*****	****	****	****	0.0	0.0	****	****	*****		
FREDERICK 3353	0.0	0.0	0.0	-10.0	16.5	-12.5	75.5	-11.5	280.0	39.0	411.0	-69.0	598.5	-46.5	614.5	6.5	354.0	-1.0	55.0	-57.0	0.0	-5.0	****	****	*****		
FREEDOM 3358	0.0	***	0.0	****	2.0	****	39.5	*****	200.5	****	381.0	****	560.0	*****	****	****	308.0	****	21.0	****	0.0	****	0.0	****	*****		
GAGE 3407	***	***	0.0	0.0	0.0	-7.0	20.0	2.0	131.5	-2.5	310.5	-42.5	488.0	-24.0	424.5	-43.5	278.5	63.5	10.0	-28.0	0.0	0.0	0.0	0.0	*****		
GATE 3489	0.0	***	0.0	****	0.0	****	30.0	*****	127.0	****	296.5	****	535.0	*****	****	*****	****	****	****	****	0.0	****	****	****	*****		
GEARY 3497	0.0	0.0	0.0	0.0	0.0	-12.0	14.5	-26.5	161.0	1.0	309.5	-74.5	495.5	-62.5	476.5	-47.5	307.5	24.5	****	****	0.0	0.0	****	****	*****		
GOODWELL 3628	0.0	0.0	0.0	0.0	0.0	-6.0	****	*****	77.5	-31.5	231.5	-67.5	416.5	-29.5	364.0	-20.0	195.5	21.5	0.0	-27.0	0.0	0.0	0.0	0.0	*****		
GUTHRIE 3821	0.0	0.0	0.0	0.0	12.0	-1.0	****	*****	****	****	382.5	-4.5	542.0	-19.0	561.0	31.0	360.5	72.5	45.5	-31.5	1.5	1.5	0.0	0.0	*****		
GUYMON 3835	0.0	***	0.0	****	4.5	****	****	*****	115.5	****	297.0	****	506.5	****	459.0	****	239.5	****	9.0	****	0.0	****	0.0	****	*****		
HAMMON 3871	0.0	0.0	0.0	0.0	0.5	-15.5	23.5	-18.5	149.0	-16.0	319.5	-79.5	509.5	-46.5	458.0	-41.0	297.0	50.0	0.0	-48.0	0.0	0.0	0.0	0.0	1765.0		
HANNA 3884	0.0	***	1.5	****	31.5	****	73.5	*****	191.0	****	382.0	****	524.0	****	574.0	****	333.5	****	****	****	9.0	****	****	****	*****		
HELENA 4019	0.0	***	0.0	****	0.0	****	26.5	*****	139.0	****	330.5	****	522.0	****	435.5	****	297.0	****	****	****	0.0	****	0.0	****	*****		
HENNESSEY 4055	***	***	0.0	0.0	1.0	-12.0	27.5	-12.5	141.0	-31.0	335.5	-69.5	534.5	-45.5	483.0	-53.0	289.0	0.0	12.5	-60.5	0.0	0.0	0.0	0.0	*****		
HOBART 4204	0.0	0.0	0.0	0.0	6.5	-3.5	43.0	4.0	217.0	51.0	****	****	536.5	-37.5	559.0	29.0	360.5	80.5	****	****	****	****	****	****	*****		
HOLDENVILLE 4235	0.0	0.0	0.0	-8.0	15.5	-2.5	53.5	6.5	152.5	-16.5	332.5	-42.5	492.5	-53.5	563.0	39.0	333.5	34.5	62.0	-25.0	7.5	7.5	0.0	0.0	2012.5		
HUGO 4384	0.0	0.0	2.5	-3.5	41.0	19.0	76.0	9.0	197.0	-8.0	380.5	-30.5	499.0	-59.0	583.0	50.0	326.0	-2.0	118.5	17.5	16.0	7.0	0.0	0.0	2239.5		
IDABEL 4451	0.0	0.0	0.0	0.0	10.5	-1.5	53.5	-0.5	137.0	-49.0	349.0	-38.0	470.0	-54.0	562.5	57.5	320.0	17.0	127.0	40.0	27.5	19.5	0.0	0.0	2065.0		
JAY TOWER 4567	0.0	***	0.0	****	11.0	****	55.5	*****	123.5	****	279.5	****	483.0	****	459.5	****	295.0	****	****	****	****	****	****	****	*****		
JEFFERSON 4573	0.0	0.0	0.0	0.0	0.0	-9.0	39.0	3.0	174.5	12.5	390.0	-21.0	561.5	-15.5	525.0	-5.0	331.5	56.5	****	****	****	****	****	****	*****		
KANSAS 4672	0.0	***	***	****	****	****	****	*****	90.0	****	****	****	445.0	****	485.0	****	235.0	****	****	****	3.5	****	0.0	****	*****		
KENTON 4766	0.0	0.0	0.0	0.0	0.0	0.0	****	*****	68.5	-0.5	251.0	-24.0	421.5	-0.5	321.5	-35.5	****	****	****	****	0.0	0.0	****	****	*****		
KEYSTONE 4812	***	***	0.0	****	****	****	46.0	*****	142.0	****	289.5	****	431.5	****	407.5	****	****	****	****	****	0.0	****	****	****	*****		
KINGFISHER 4861	0.0	0.0	0.0	0.0	0.0	-4.0	46.0	-2.0	164.5	13.5	334.5	-73.5	532.5	-47.5	510.0	-29.0	326.5	36.5	34.0	-30.0	0.0	0.0	0.0	0.0	1976.0		
LAKE EUFAULA 4975	0.0	***	0.0	****	23.5	****	54.5	*****	150.0	****	326.5	****	545.0	****	****	****	****	****	****	****	5.5	****	****	****	*****		
MADILL 5468	0.0	0.0	0.0	-5.0	37.0	12.0	67.0	5.0	211.5	15.5	384.5	-32.5	525.0	-55.0	626.0	65.0	363.0	49.0	98.0	-4.0	21.0	15.0	0.0	0.0	2353.0		
MANGUM RS ST 5509	0.0	0.0	***	****	12.0	-8.0	60.5	-10.5	270.0	60.0	406.5	-37.5	592.5	6.5	633.5	87.5	****	****	****	****	10.5	10.5	****	****	*****		
MANNFORD 5522	0.0	***	0.0	****	12.5	****	73.5	*****	181.0	****	309.0	****	452.5	****	456.5	****	348.5	****	****	****	0.5	****	****	****	*****		
MARIETTA 5563	0.0	0.0	0.5	-5.5	39.0	15.0	76.0	11.0	218.5	23.5	408.0	-3.0	550.0	-27.0	678.5	123.5	401.0	64.0	110.5	5.5	23.0	15.0	0.0	0.0	2505.0		
MARLOW 5581	0.0	***	0.0	****	21.0	****	51.5	*****	187.5	****	338.5	****	489.5	****	559.5	****	351.5	****	59.0	****	4.5	****	0.0	****	2062.5		
MCALESTER 5664	0.0	0.0	0.5	0.5	42.5	25.5	68.0	17.0	163.5	-10.5	370.5	-13.5	523.0	-51.0	571.0	53.0	328.0	36.0	84.5	6.5	13.5	6.5	0.0	0.0	2165.0		
MCCURTAIN 5693	0.0	***	***	****	35.5	****	80.5	*****	177.0	****	330.5	****	****	****	567.5	****	****	****	****	****	10.0	****	****	****	*****		
MEEKER 5779	0.0	0.0	0.0	0.0	22.5	9.5	55.0	0.0	231.5	72.5	311.0	-55.0	****	****	****	****	****	****	****	****	51.5	-21.5	5.0	5.0	0.0	0.0	*****
MIAMI 5855	0.0	0.0	0.0	0.0	****	****	35.0	-4.0	88.0	-60.0	226.5	-116.5	413.5	-65.5	324.0	-138.0	224.0	-31.0	19.0	-44.0	****	****	****	****	*****		

MONTHLY AND ANNUAL COOLING DEGREE DAYS
 BASE = 65 DEGREES FAHRENHEIT

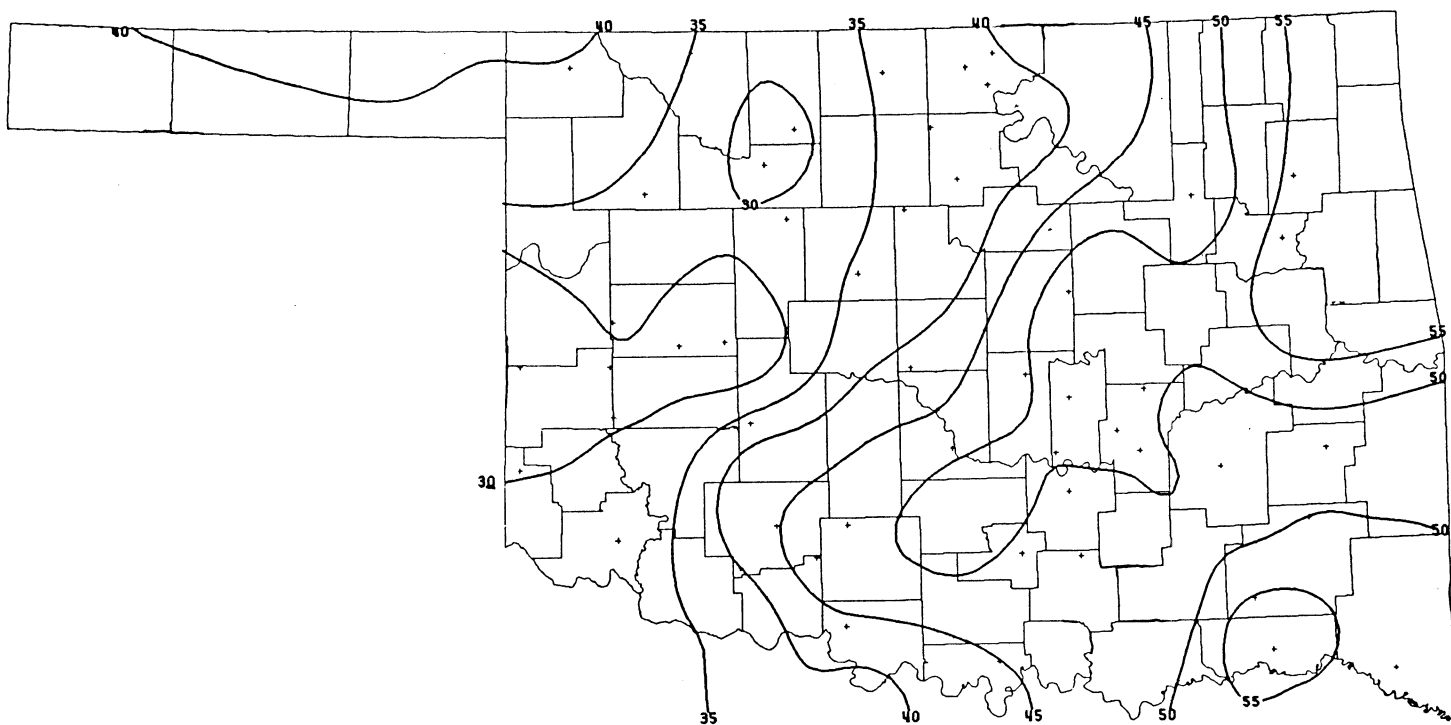
		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		
		CDD	DEPARTURE	CDD	DEPARTURE	CDD	DEPARTURE	CDD	DEPARTURE	CDD	DEPARTURE	CDD	DEPARTURE	CDD	DEPARTURE	CDD	DEPARTURE	CDD	DEPARTURE	CDD	DEPARTURE	CDD	DEPARTURE	CDD	DEPARTURE	
MUSKOGEE	6130	0.0	0.0	***	****	27.0	10.0	****	*****	177.0	5.0	340.5	-34.5	528.0	-18.0	558.5	46.5	350.5	57.5	****	****	5.0	5.0	****	****	*****
MUTUAL	6139	0.0	0.0	***	****	0.0	-9.0	15.5	-10.5	123.0	-22.0	281.0	-91.0	469.5	-76.5	369.5	-126.5	*****	****	1.5	-46.5	0.0	0.0	0.0	0.0	*****
NEWKIRK	6278	0.0	0.0	0.0	0.0	3.0	-8.0	49.0	10.0	159.0	8.0	312.5	-62.5	504.5	-38.5	472.5	-26.5	299.5	43.5	24.5	-36.5	0.0	0.0	0.0	0.0	1824.5
OKEENA	6629	0.0	0.0	0.0	0.0	1.0	-13.0	42.5	-5.5	196.5	20.5	355.5	-64.5	580.0	-6.0	539.0	-4.0	359.5	63.5	19.0	-54.0	0.5	0.5	0.0	0.0	2093.5
OKEMAH	6638	0.0	0.0	0.0	0.0	26.0	7.0	63.5	23.5	181.5	27.5	351.0	-12.0	515.0	-15.0	581.5	79.5	*****	****	****	****	5.5	5.5	****	****	*****
OKLAHOMA CIT	6661	0.0	0.0	0.0	0.0	12.0	-1.0	42.5	2.5	172.5	25.5	349.0	-11.0	492.0	-38.0	518.0	19.0	312.0	46.0	37.5	-23.5	3.5	3.5	0.0	0.0	1939.0
OKMULGEE W W	6670	0.0	0.0	0.0	0.0	26.5	5.5	55.0	5.0	162.0	-1.0	326.0	-43.0	498.5	-19.5	568.0	78.0	*****	****	****	****	10.5	10.5	****	****	*****
PAULS VALLEY	6926	***	***	***	****	36.5	15.5	62.0	-5.0	202.0	-5.0	367.0	-68.0	532.5	-59.5	582.5	21.5	364.0	37.0	****	****	9.0	9.0	0.0	0.0	*****
PERRY	7012	0.0	0.0	0.0	0.0	11.5	-3.5	75.0	23.0	213.5	41.5	363.0	-30.0	513.0	-51.0	490.0	-40.0	306.5	15.5	20.0	-59.0	0.0	0.0	0.0	0.0	1992.5
PONCA CITY	7201	0.0	0.0	0.0	0.0	7.0	0.0	64.5	33.5	183.5	35.5	*****	****	554.5	8.5	524.0	31.0	337.0	90.0	42.0	-9.0	****	****	0.0	0.0	*****
POTEAU	7246	0.0	0.0	0.5	0.5	36.0	13.0	92.5	45.5	190.0	13.0	372.0	-9.0	568.5	19.5	587.5	75.5	*****	****	****	****	****	****	****	****	*****
PRYOR	7309	0.0	0.0	0.0	0.0	****	****	29.5	-16.5	*****	****	*****	****	445.5	-69.5	*****	****	255.5	3.5	13.5	-41.5	0.0	0.0	0.0	0.0	*****
PURCELL	7327	0.0	0.0	0.0	0.0	28.5	-2.5	47.0	-0.0	179.0	4.0	352.5	-37.5	*****	*****	553.5	29.5	351.0	63.0	52.5	-17.5	7.5	7.5	0.0	0.0	*****
RALSTON	7390	0.0	***	0.0	****	11.5	****	53.0	*****	142.5	****	306.0	****	483.0	*****	476.5	****	382.5	****	****	****	1.0	****	****	****	*****
SALLISAW	7862	0.0	0.0	0.5	0.5	16.5	-1.5	53.0	7.0	123.0	-47.0	326.0	-46.0	518.0	-12.0	494.5	-1.5	298.0	12.0	****	****	9.0	4.0	****	****	*****
SEMINOLE	8042	0.0	0.0	0.5	0.5	34.0	13.0	93.5	15.5	225.0	34.0	384.0	-21.0	549.0	-31.0	590.0	44.0	379.0	63.0	74.0	-14.0	11.5	6.5	0.0	0.0	2340.5
SPAVINAW	8380	0.0	***	0.0	****	19.5	****	71.5	*****	132.5	****	287.0	****	507.0	*****	495.5	****	*****	****	56.0	****	6.5	****	****	****	*****
SPAVINAW AG	8382	0.0	***	0.0	****	****	****	69.5	*****	119.5	****	301.0	****	*****	*****	488.0	****	*****	****	****	****	6.5	****	****	****	*****
STILLWATER	8501	0.0	0.0	0.0	0.0	12.5	0.5	47.5	2.5	143.5	-10.5	*****	****	429.0	-101.0	460.0	-36.0	321.0	60.0	****	****	0.0	0.0	****	****	*****
STILWELL	8506	0.0	***	0.0	****	17.0	****	46.0	*****	97.5	****	269.0	****	452.5	*****	421.0	****	*****	****	****	****	1.5	****	****	****	*****
TAHLEQUAH	8677	0.0	0.0	0.0	0.0	26.5	11.5	53.0	7.0	123.0	-32.0	273.5	-59.5	476.5	-10.5	465.5	3.5	294.5	33.5	****	****	4.5	-0.5	0.0	0.0	*****
TALOGA	8708	0.0	0.0	0.0	0.0	0.0	-10.0	21.5	-0.5	158.0	12.0	335.0	-40.0	506.0	-27.0	513.5	26.5	303.0	56.0	****	****	0.0	0.0	0.0	0.0	*****
TULSA	8992	0.0	0.0	0.0	0.0	22.5	8.5	66.0	21.0	182.5	15.5	341.0	-40.0	564.5	0.5	522.5	4.5	338.0	56.0	59.5	-12.5	6.0	6.0	0.0	0.0	2102.5
TUSKAHOMA	9023	0.0	***	1.5	****	42.0	****	76.0	*****	168.5	****	355.0	****	495.0	*****	590.5	****	369.0	****	112.5	****	22.5	****	0.0	****	2232.5
VINITA	9203	0.0	0.0	0.0	0.0	14.5	4.5	50.0	20.0	*****	****	296.5	-40.5	486.0	-13.0	*****	****	*****	****	55.5	-2.5	1.5	1.5	0.0	0.0	*****
WAGONER	9247	0.0	0.0	0.0	0.0	25.5	9.5	55.5	7.5	148.5	-12.5	311.5	-54.5	502.5	-36.5	515.5	16.5	338.5	54.5	54.5	-27.5	3.5	3.5	0.0	0.0	1955.5
WALTERS	9278	***	***	0.0	0.0	29.0	5.0	50.0	-32.0	257.5	38.5	394.5	-55.5	566.0	-39.0	640.5	60.5	385.5	36.5	67.5	-42.5	0.0	-6.0	0.0	0.0	*****
WATONGA	9364	0.0	***	0.0	****	0.5	****	40.5	*****	191.5	****	363.0	****	543.5	*****	531.0	****	321.5	****	19.0	****	****	****	0.0	****	*****
WAURIKA	9395	0.0	0.0	0.0	-5.0	47.5	17.5	57.5	-31.5	244.0	17.0	385.5	-67.5	539.0	-72.0	604.0	21.0	380.5	29.5	92.5	-16.5	17.5	10.5	0.0	0.0	2368.0
WEATHERFORD	9422	0.0	0.0	0.0	0.0	****	****	37.0	-5.0	197.5	30.5	356.0	-43.0	520.5	-37.5	512.5	-2.5	341.0	65.0	341.0	65.0	0.0	0.0	0.0	0.0	*****
WEBBER FALLS	9445	0.0	0.0	0.0	0.0	****	****	****	*****	117.0	-43.0	*****	****	479.5	-50.5	456.5	-30.5	311.0	41.0	311.0	41.0	7.5	7.5	****	****	*****
WICHITA MT	9629	0.0	0.0	***	****	16.5	-3.5	34.0	-18.0	207.0	47.0	349.0	-32.0	526.5	-19.5	529.5	17.5	*****	****	****	****	0.0	0.0	****	****	*****
WILBURTON	9634	0.0	0.0	0.0	0.0	36.0	18.0	66.0	13.0	149.5	-18.5	328.0	-32.0	448.0	-79.0	448.0	-79.0	448.0	-79.0	448.0	-79.0	5.0	5.0	5.0	5.0	2381.5



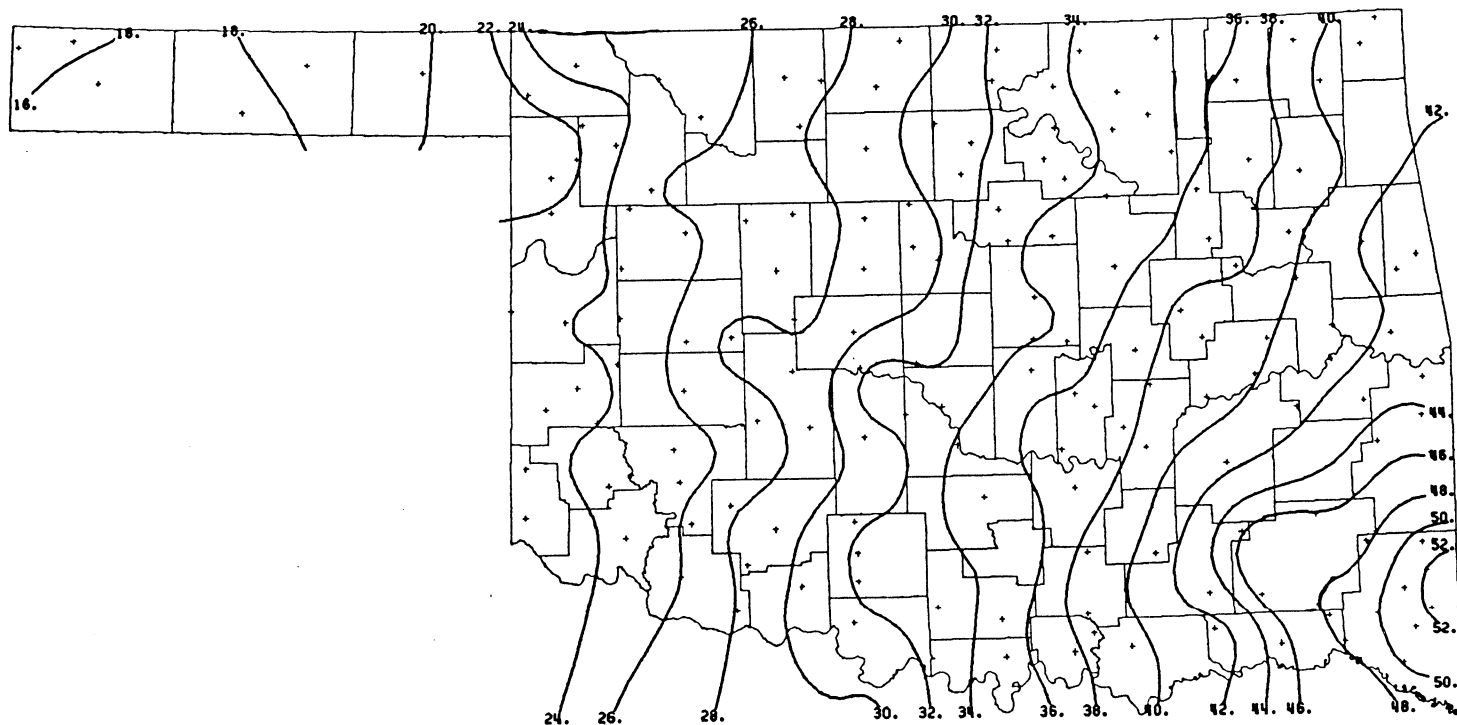
1985 MEAN ANNUAL TEMPERATURE (DEGREES F)



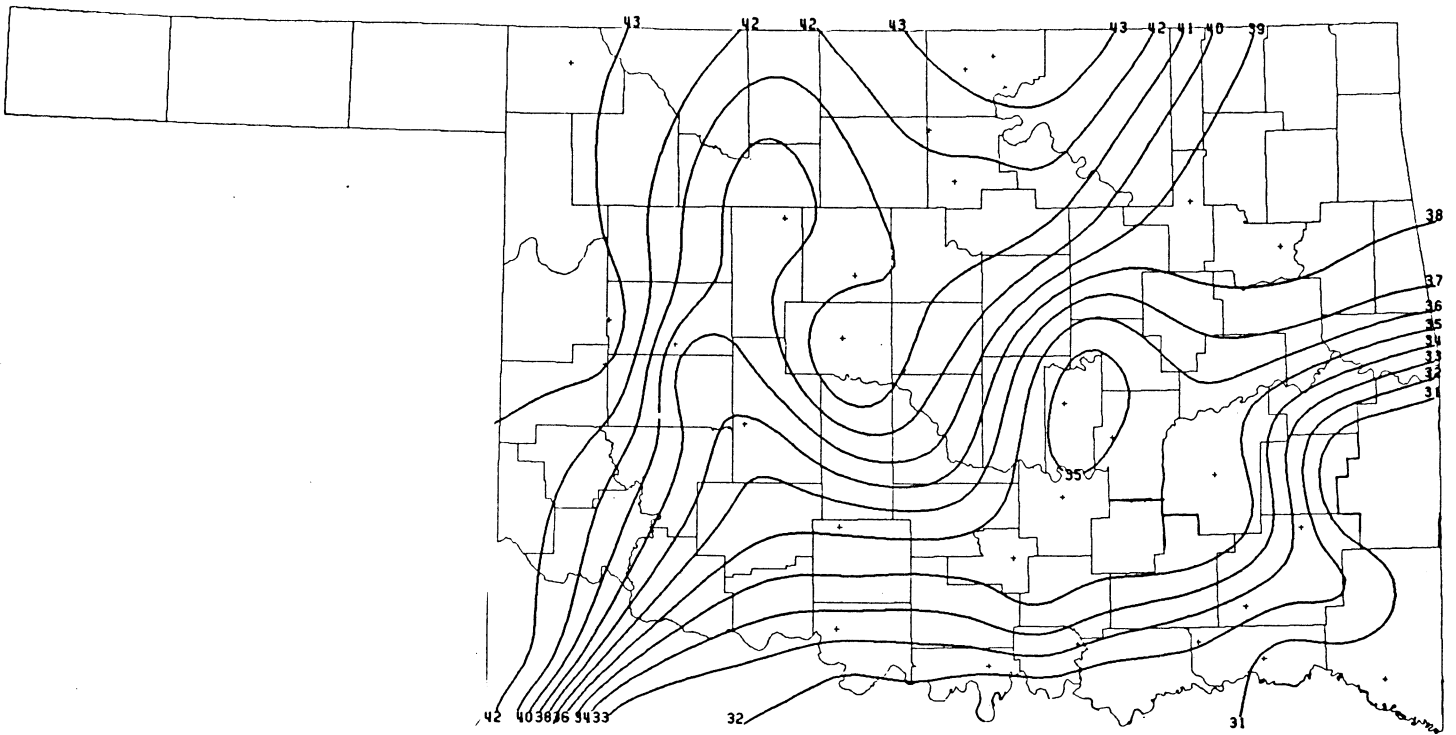
1955-1984 LONG-TERM MEAN ANNUAL TEMPERATURE (DEGREES F)



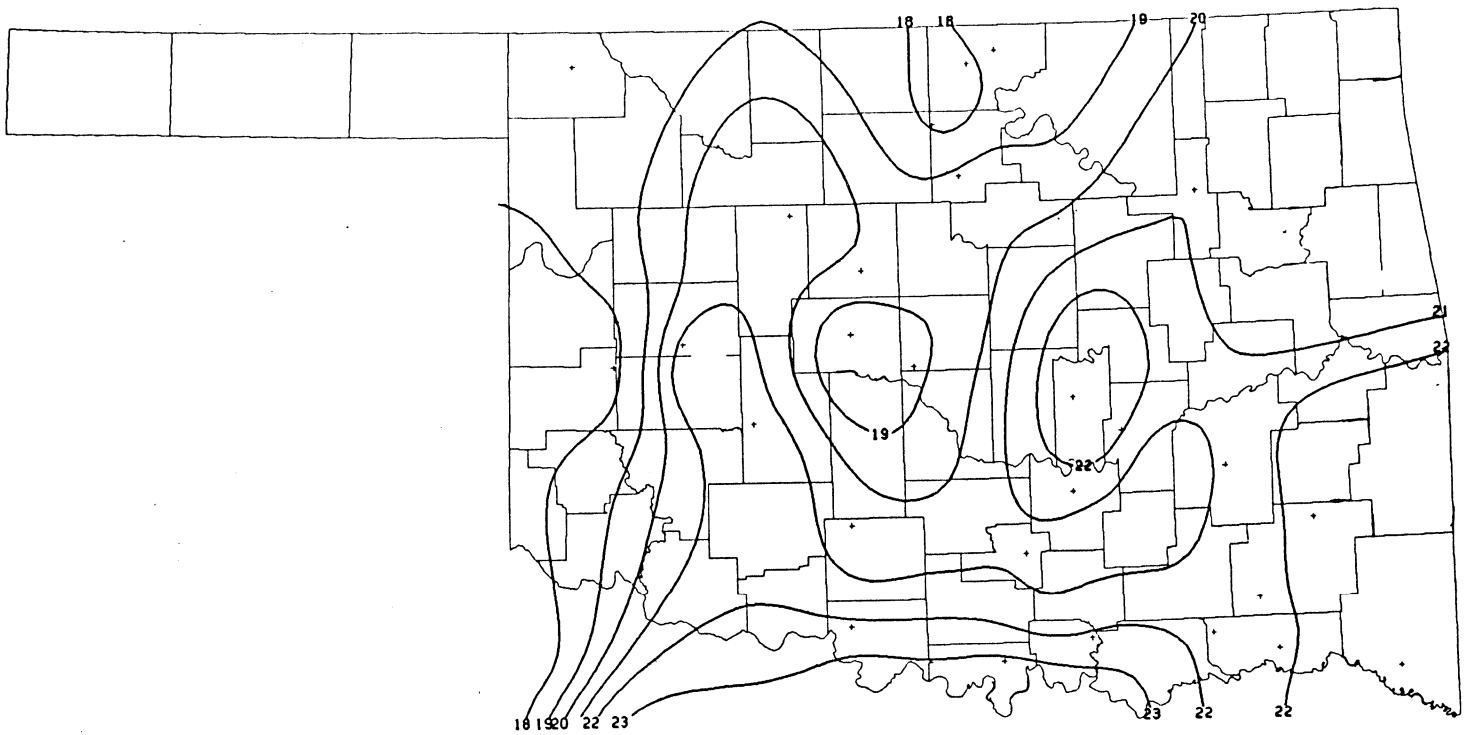
1985 ANNUAL TOTAL PRECIPITATION (INCHES)



1955-1984 LONG-TERM MEAN TOTAL ANNUAL PRECIPITATION (INCHES)



1985 TOTAL HEATING DEGREE DAYS (1=100 HDD)



1985 TOTAL COOLING DEGREE DAYS (1=100 CDD)

SUMMARY OF CLIMATE DIVISION WEEKLY PALMER DROUGHT INDICES:

The following set of graphs contain the 1985 weekly Oklahoma Palmer Drought Index(PDI) as calculated by the Climate Analysis Center, Washington, D.C. The record is continuous except for weeks 32, 46, and 51. The PDI is a meteorological drought index which classifies "runs" of weather. The index is a measure of meteorological moisture abnormality. This means that once the weather begins to move into a new regime, the index will respond rapidly, regardless of soil moisture conditions, streamflow, lake level, etc. The longer the spell of dry(wet) weather the lower(higher) the index will become. The PDI is insensitive to man-made droughts, such as drought created by large scale changes in local water usage.

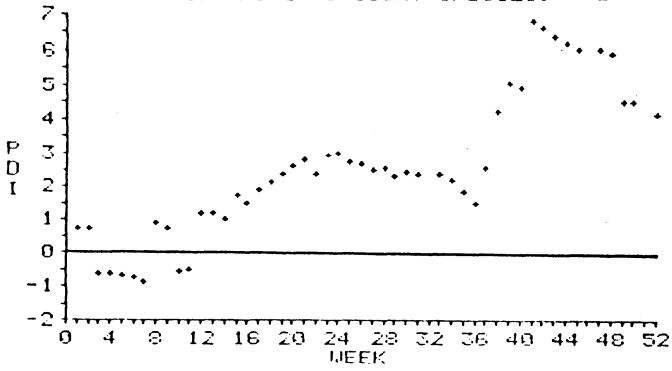
During 1985 only two regions of the State, the Panhandle and Southeastern Oklahoma, experienced meteorological conditions resulting in a run of 4 or more weeks with negative PDI values. All areas of the state reported conditions resulting in significant periods of time when the PDI indicated extremely moist conditions. The Table below contains the distribution of Index values and the general index scale.

The Number of Weeks During 1985 in Each PDI Category

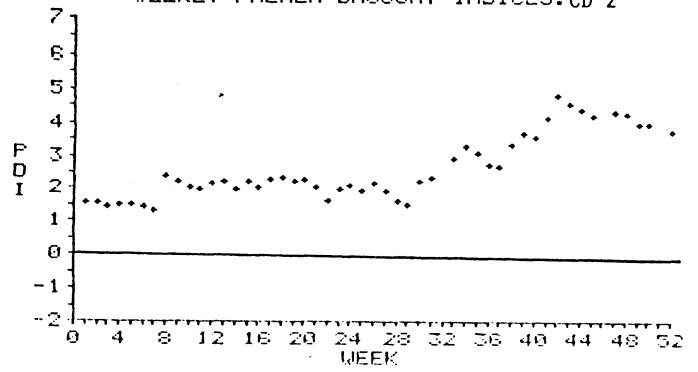
Index Category	Climate Division								
	1	2	3	4	5	6	7	8	9
Moderate Drought	0	0	0	1	3	0	0	0	5
Incipient Drought	0	0	0	0	0	2	0	1	5
Near Normal	7	0	0	0	0	0	0	0	0
Incipient Moist	3	0	0	0	0	1	0	0	0
Moist	9	12	0	9	0	10	0	7	5
Unusually Moist	17	22	13	33	7	17	22	37	16
Very Moist	1	8	24	6	28	19	24	4	14
Extremely Moist	12	7	12	0	11	0	3	0	4
Missing	3	3	3	3	3	3	3	3	3

Legend:	<u>Index Value</u>	<u>Index Value</u>
	.4 to -.4	Near Normal
	-.5 to -.9	Incipient Drought
	-1.0 to -2.9	Moderate Drought
	-3.0 to -3.9	Severe Drought
	Below -4.0	Extreme Drought
	.5 to .9	Incipient Moist
	1.0 to 1.9	Moist
	2.0 to 2.9	Unusually Moist
	3.0 to 3.9	Very Moist
	Above 4.0	Extremely Moist

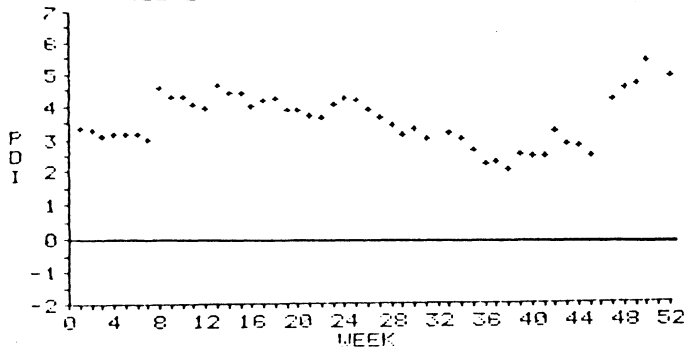
WEEKLY PALMER DROUGHT INDICES: CD 1



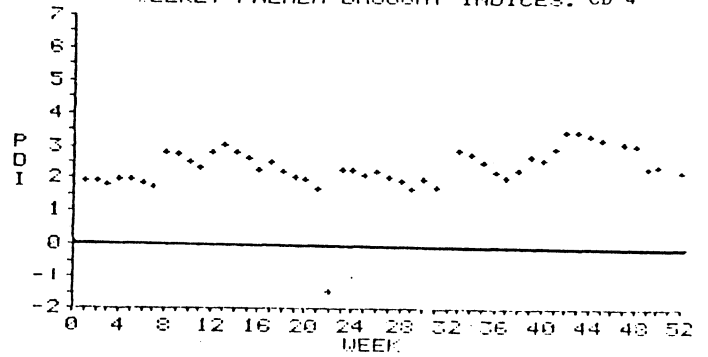
WEEKLY PALMER DROUGHT INDICES: CD 2



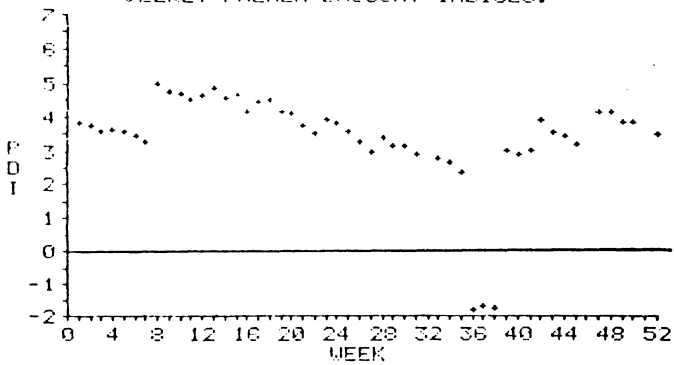
WEEKLY PALMER DROUGHT INDICES: CD 3



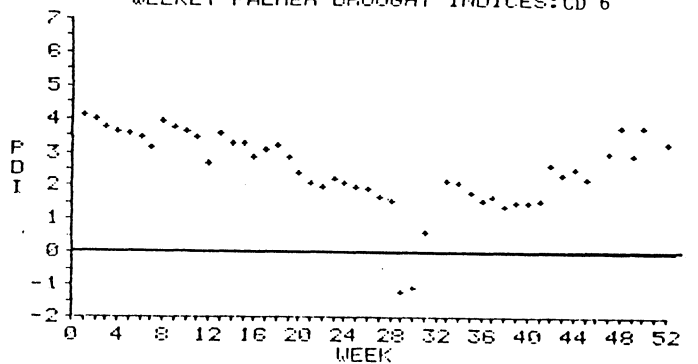
WEEKLY PALMER DROUGHT INDICES: CD 4



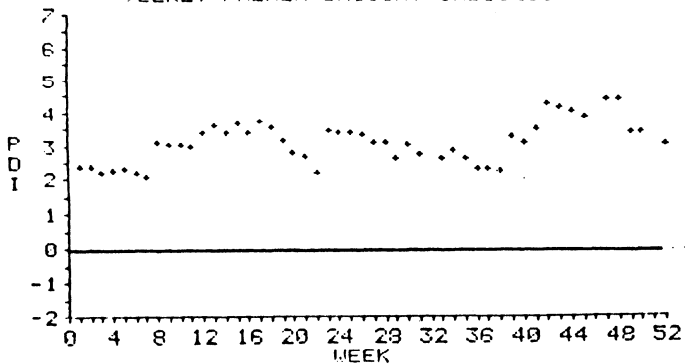
WEEKLY PALMER DROUGHT INDICES: CD 5



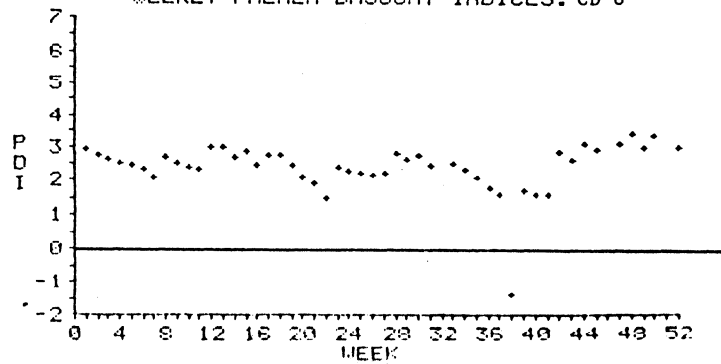
WEEKLY PALMER DROUGHT INDICES: CD 6



WEEKLY PALMER DROUGHT INDICES: CD 7



WEEKLY PALMER DROUGHT INDICES: CD 8



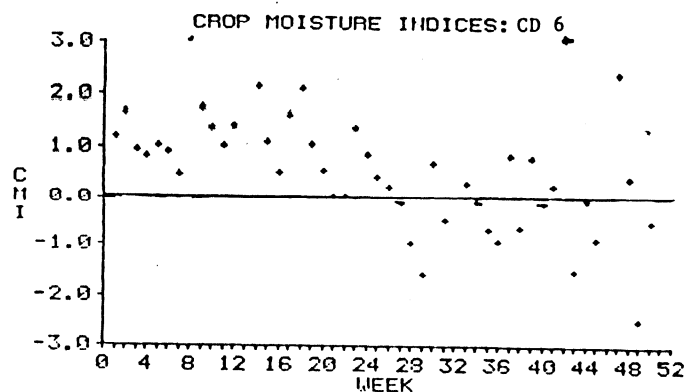
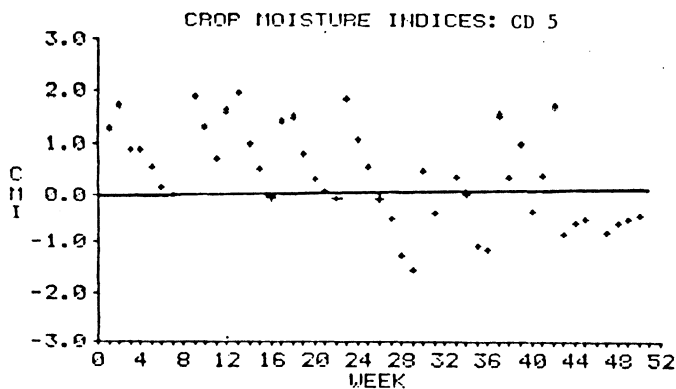
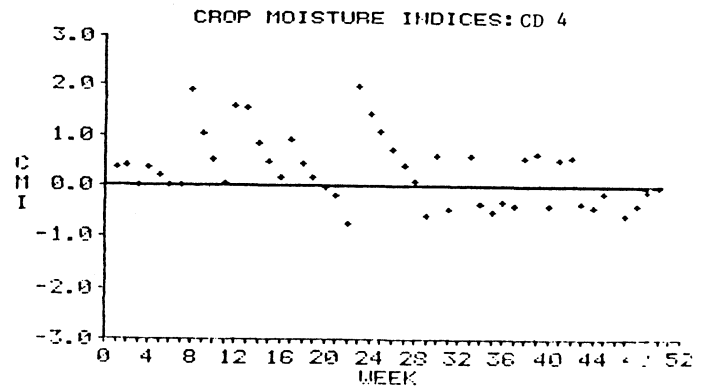
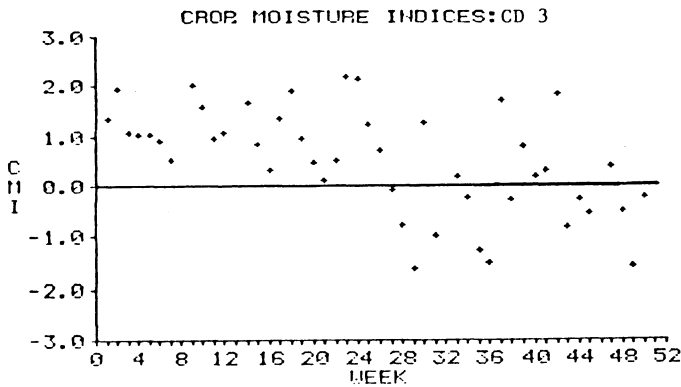
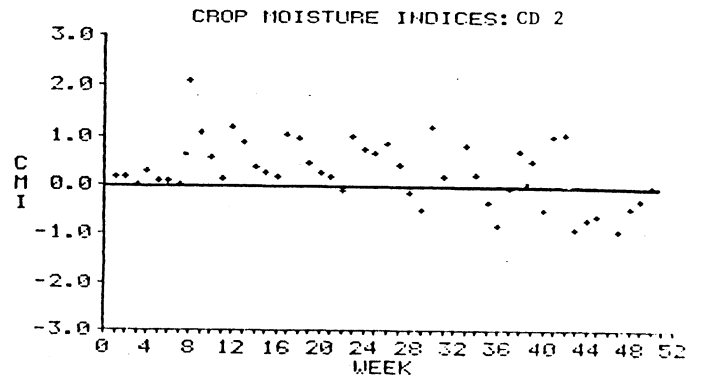
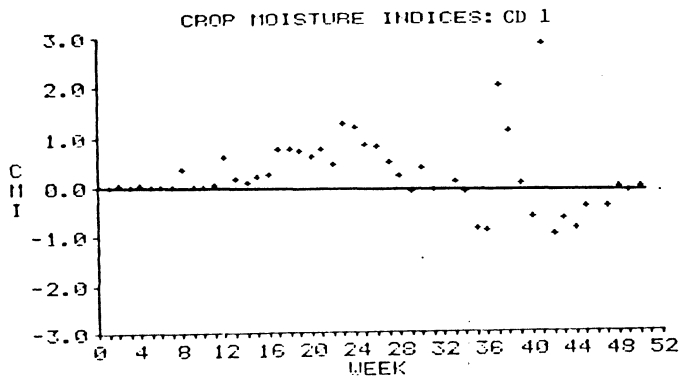
Legend:

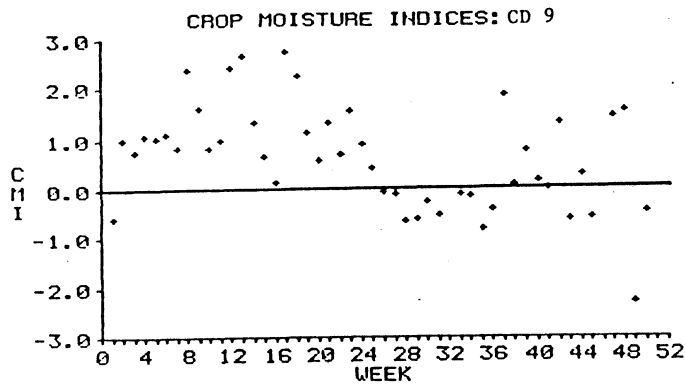
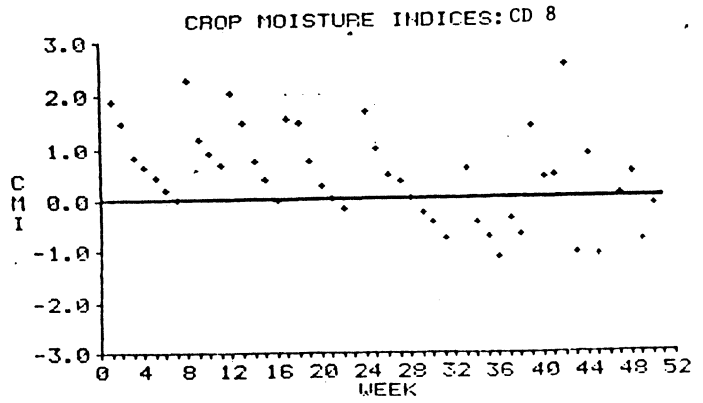
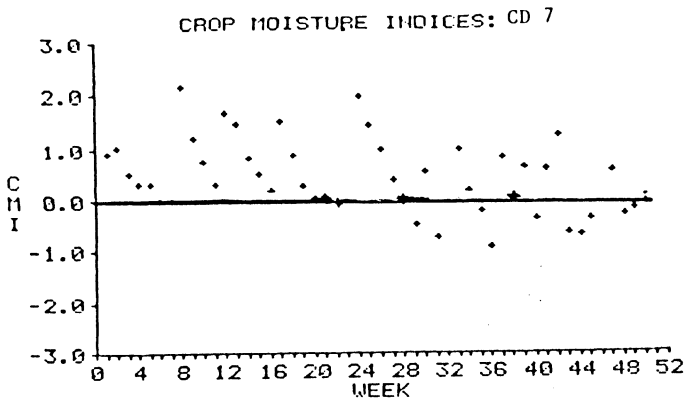
Index Value

0 to -1 Prospects improved but rain still needed
 -1 to -2 Some improvement but still too dry
 -2 to -3 Drought eased but still serious
 -3 to -4 Drought continues, rain urgently needed
 below -4 not enough rain, still extremely dry

Index Value

0 to 1 Moisture adequate for present needs
 1 to 2 Prospects above normal, some fields too wet
 2 to 3 Too wet, some standing water
 above 3 Excessively wet, some fields flooded





SUMMARY OF CLIMATE DIVISION WEEKLY SOIL MOISTURE ESTIMATES:

The following set of graphs contains estimates of 1985 weekly soil moisture, expressed in terms of percent of field capacity(PFC) computed by the Climate Analysis Center, Washington, D.C. The record is continuous except for weeks 32, 46 and 51. Soil moisture estimates are made using the same numerical hydrologic budget utilized in the computation of the PDI and CMI presented earlier.

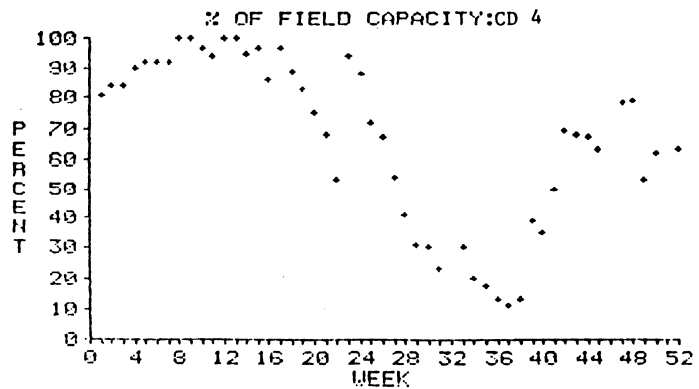
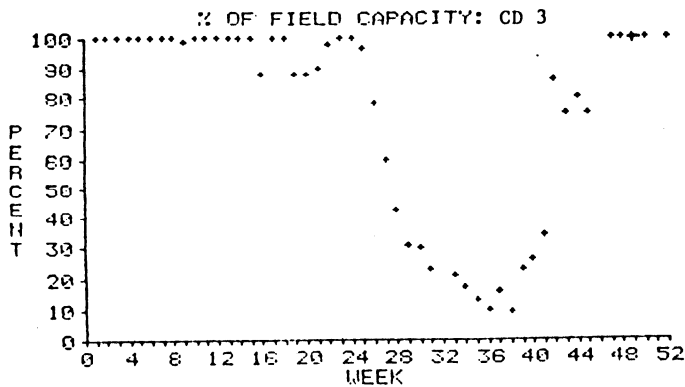
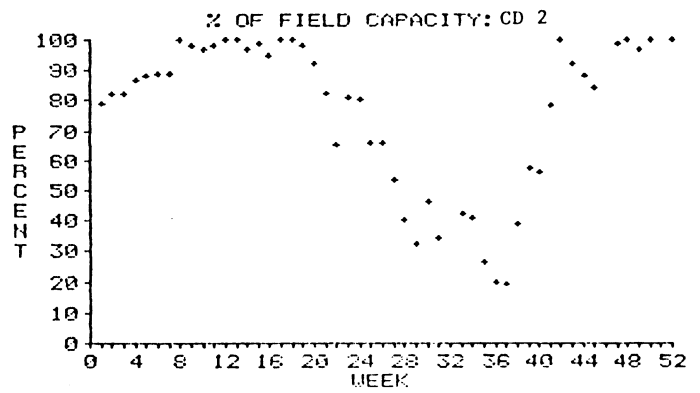
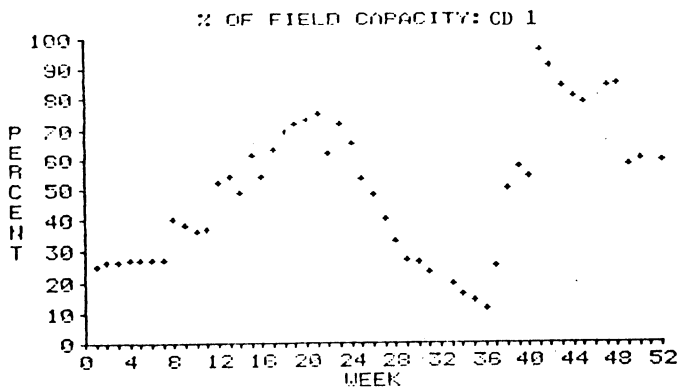
With the exception of the Panhandle, fields were at or near capacity for the first 18 weeks of the year. Conditions did not dry significantly until mid-to late summer. Recharge began across the state in early October so that by years's end, soil moisture in all areas except the Panhandle, West Central and Southwestern portions of Oklahoma had returned to field capacity.

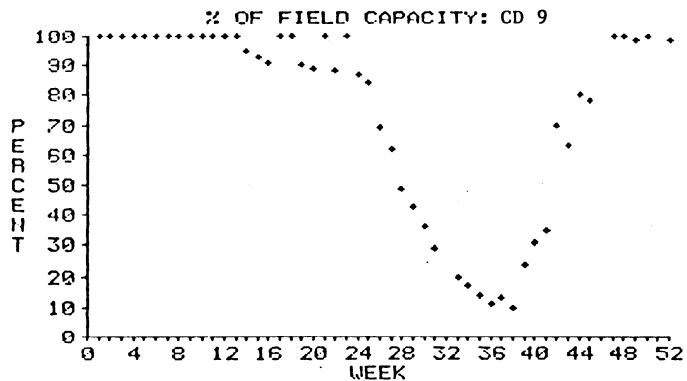
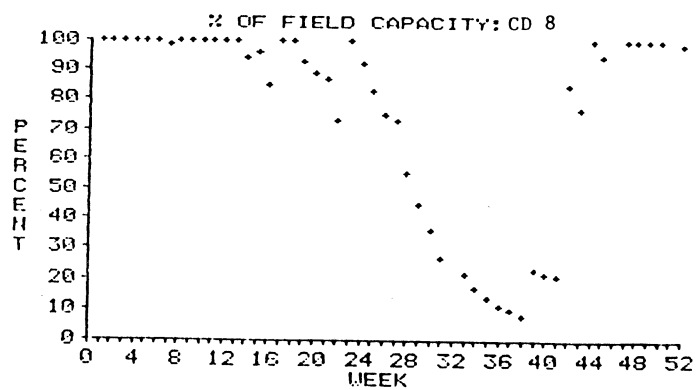
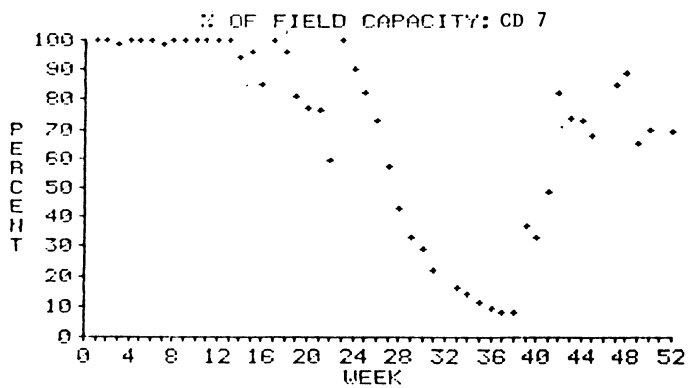
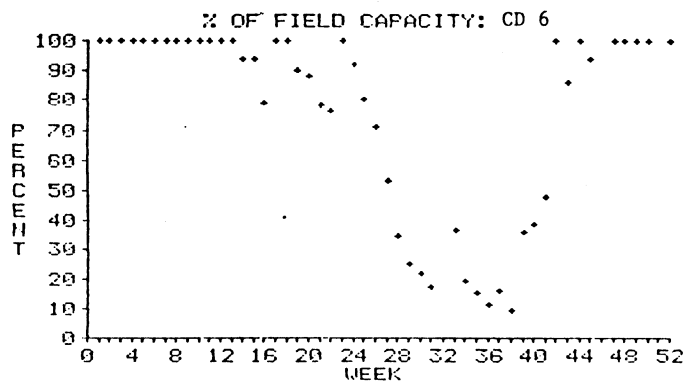
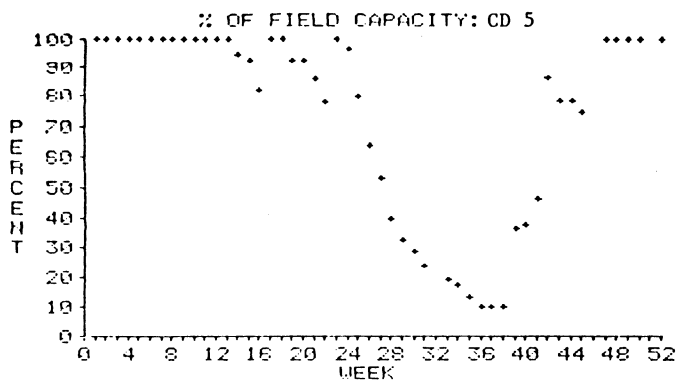
The Table below contains the distribution of weekly field capacity during 1985.

The Number of Weeks During 1985 in Which Soil Moisture Was Estimated to be in Each Field Capacity Category(%).

Climate Division

% of field capacity	1	2	3	4	5	6	7	8	9
100	0	9	23	4	21	23	13	20	20
90 to 99	2	11	4	10	5	5	6	7	6
70 to 89	9	13	8	11	8	7	12	8	7
50 to 69	15	6	1	12	1	1	5	1	1
40 to 49	4	4	1	1	3	1	2	2	2
20 to 39	15	5	7	7	5	6	5	6	6
10 to 19	4	1	4	4	6	5	3	4	5
0 to 9	0	0	1	0	0	1	3	1	0
Missing	3	3	3	3	3	3	3	3	3





1985

STORM SUMMARY REPORT

TORNADOES					HAILSTORMS				WINDSTORMS				LIGHTNING			
NUMBER	DAYS	DEATHS	INJURIES	† DAMAGE	DEATHS	INJURIES	† DAMAGE		DEATHS	INJURIES	† DAMAGE		DEATHS	INJURIES	† DAMAGE	
							PROPERTY	CROPS			PROPERTY	CROPS			PROPERTY	CROPS
35	23	0	35	6.2 to 62.0	0	0	6.1 to 61.0	0.5 to 5.0	2	19	1.85 to 18.50	0	1	3	0.66 to 6.66	0
FLOODS & FLASH FLOODS					* HEAVY SNOWSTORMS AND BLIZZARDS				# ICE STORMS				ALL OTHERS			
NUMBER	DEATHS	INJURIES	† DAMAGE		DEATHS	INJURIES	† DAMAGE		DEATHS	INJURIES	† DAMAGE		DEATHS	INJURIES	† DAMAGE	
			PROPERTY	CROPS			PROPERTY	CROPS			PROPERTY	CROPS			PROPERTY	CROPS
29	8	0	1.5 to 15.5	.05 to .50	0	6	0	0	0	0	0	0	6	0	0	0

† millions of dollars

* includes heavy sleet storms

freezing drizzle, freezing rain, glaze

Funnel Clouds - 32

1985 User Services

There has been a 63% increase in climate information services requested over the past year. The break down is as follows:

User Services: Total User Requests = 518

- 22.0% - University (all State Institutions)
- 10.6% - State Agencies
- 11.2% - Engineering and Construction Firms
- 3.5% - Local Agencies
- 5.0% - Media
- 3.3% - Federal
- 5.0% - Energy/Utilities
- 4.1% - Attorneys
- 1.9% - Architects/Insurance
- 17.2% - Individual Taxpayers
- 8.9% - Out of State
- 1.9% - Public Schools
- 4.8% - Other

1985 Reports and Publications

"The Assessment of Climatological Impacts on Agricultural Production and Residential Energy Demand", Volume XXII, Economic Impact of Climate Series, by Ellen J. Cooter, December 1985.

"Data Archives of the Oklahoma Climatological Survey", in-house paper, by R. Sladewski, November 1985.

"An Air Trajectory Climatology for Acid Rain Deposition", Operational Weather Modification Series, Volume 16, by Kamal R. Al-Rawi, September, 1985.

"A Statistical Evaluation of Cloud Seeding Operations in Oklahoma and North Dakota", Volume 15, Operational Weather Modification Series, by Howard L. Johnson, September 1985.

"CLIMOCS - A Climatological Summary of 267 Oklahoma Cooperative Stations 1954-1983", in-house publication, by Jessie Ann Hays Haug, September, 1985.

"An Evaluation of the North Dakota Cloud Modification Project: 1976-1982", Final Report to the North Dakota Weather Modification Board, by H. L. Johnson, June 1985.

"The Agroecconomics of Weather Variability in Western Oklahoma", Volume XXI, Economic Impact of Climate Series, by Michael S. Uhart, June 1985.

"An Evaluation of Operational Weather Modification Projects in Oklahoma", Final Report to the Oklahoma Water Resources Board, by H. L. Johnson, Clement J. Todd and Robert Sladewski, April 1985.

"Suggested Graphical Products from the NWS/NOAA RADAP II Data Base Being Processed for Archival by the Oklahoma Climatological Survey", in-house publication, by Amos Eddy, Howard Johnson and Robert Sladewski, April, 1985.

"A Training Program for the Use of Microprocessors in Providing Climatological User Services", in-house publication, by J. A. Hays, February, 1985.

"A Statistical Study of the North Dakota Cloud Modification Project", Volume 14, Operational Weather Modification Series, by Howard L. Johnson and Michael P. Foster, February 1985.

1985 has been another busy and productive year. In our monthly summary we are continuing to introduce special features as products each month to inform the public of new data or services as well as highlighting special weather related phenomena. We also are continuing a call for contributions from our readers. We are repeating this call which extends throughout 1986 and look forward to hearing from you. These summary enhancements plus a 63% increase in user services provided by OCS during 1985 would not have been possible without the continued hard work and dedication of all the OCS personnel.

If any of us can be of service to you during 1986, do not hesitate to call or write to us.

Oklahoma Climatological Survey Staff

	<u>Title</u>	<u>Area of Research/Applications</u>
Amos Eddy	Director and State Climatologist	Air Pollution, Network Design and Sensor Placement, Hydrology, Econoclimatology, Applied Climatology, Applied Statistics, Agroclimatology
Ellen Cooter	Assistant State Climatologist	Agroclimatology, Energy Climatology, Econoclimatology, Applied Climatology, User Services and Editor, Monthly Summary
Jo Ann Oberst	Assistant to the Director	Appointments, Budgets, User Services, OCS Research Library and Document Requests
Howard Johnson	Senior Climatologist	Weather Modification, Hydrology, Synoptic and Applied Climatology, Computer Programmer
Jessie Hays Haug	Climatologist	Computer Data Base Librarian, Agroclimatology, User Services, Computer Programmer
Robert Sladewski	Climatologist	Weather Modification, Data Base Management, Computer Data Archival, RADAP Data
Tracy Bass	Data Entry Operator	Monthly Summary Production, User Requests