OKLAHOMA

ANNUAL SUMMARY

1987

CONTENTS

1987 Summary of the Year

Above normal January 1987 precipitation followed an extremely wet Fall of 1986. A large snowstorm on the 15th-18th of January resulted in extensive wintertime damages. Many stations across the State reported accumulations in excess of 10 inches of snow.

February 1987 was warm and wet, with monthly mean temperatures 3 to 4 degrees above normal. February 1987 was recorded as the wettest February in 30 years. An unusual late winter storm on the 14th produced hail, high winds, and a tornado in the Lawton area. This was followed by a snowstorm on the 16th which produced 2 to 4.5 inches of snow.

The major weather event of March was an unusual springtime storm on the 22nd. Five tornadoes were followed by 6 inches of new snow in the Panhandle of the State. A freeze in late March resulted in extensive damage to peach, plum, and apricot orchards. Losses were estimated at 70 to 90% of the 1987 crop.

April 1987 was one of the driest April's on record. It was also the first April without a single tornado siting anywhere in the State since 1948.

May precipitation reports were record or near record highs. Hail, high winds, and heavy rain were reported on the 4th, and May 19th-21st. Tornadoes, funnel clouds, and flash flood conditions were reported on the 26th-27th. More than 5 inches of rain was reported in 24-hours in southwest and south central portions of the State. Mean monthly temperatures were 1 to 5 degrees above normal. Monthly precipitation totals were 1.5 to 4.5 inches above normal.

Warm temperatures and high humidities resulted in heat stress conditions during June. Lake Texoma was at its highest level since 1957. Panhandle precipitation topped more than 9.5 inches above normal.

High winds, heavy rain, and hail were reported on the 2nd, 4th, and 8th of July, 1987. More storms followed on the 12th and 13th, accompanied by unusually cool air. Buffalo, in the Panhandle of Oklahoma reported a daily low temperature of 49 degrees. This is the lowest July temperature in the Panhandle area in the past 30 years. Two tornadoes, 75 mph wind, and hail were reported on July 17th.

High winds and hail were reported on the 16th, 17th, and 22nd of August. Golf ball size hail and 80-100 mph winds resulted in extensive damage on the 26th. Cool temperatures followed, with daily highs reported in the 70's.

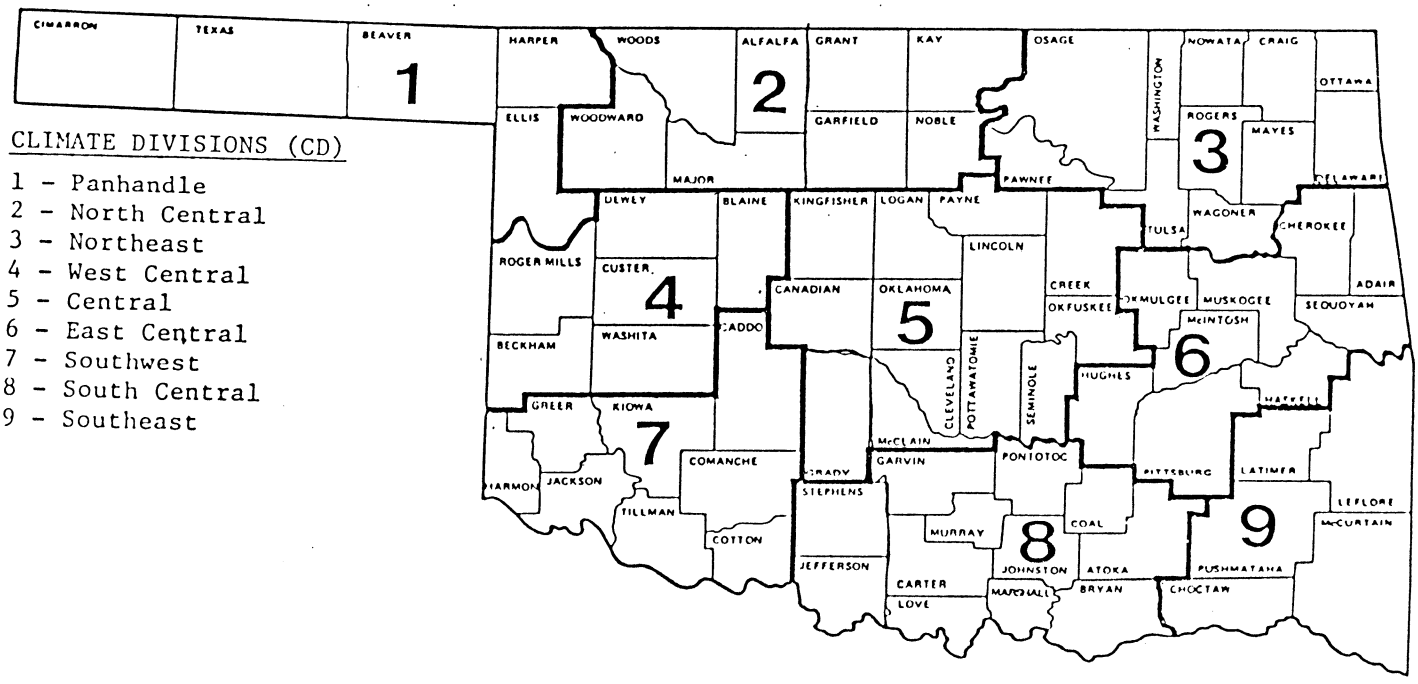
Heavy rain, hail, and high winds were reported on September 9, 14, 15, and 18. Hail and rain in excess of 6 inches in 24-hours was reported on the 27th and 28th of September. Daily low temperature readings following this system were in the 40's.

October 1987 was cool and dry. Most locations received only about half of their normal monthly precipitation. High winds and large hail were reported with a series of storms which occurred between September 22 and 26.

On November 15, a cold front delivered hail, damaging lightning, high winds, a tornado, and abundant rainfall. On the 18th, Oklahoma City received its earliest measurable snowfall in 7 years.

Two major winter storms occurred in December of 1987. The first occurred on the 14th and left from 4 to 14 inches of snow across the State. Drifts up to 4 feet made many roads impassable. Damage to property was estimated at $750,000. Later that month, on the 25th-27th, a major ice storm left accumulations of one to two inches of ice on power lines and trees. A 1909 foot television tower, 10 miles north of Tulsa, collapsed under the weight of the ice. Downed power lines caused over 75,000 households to lose power at one time or another. Damage to houses, businesses, and electrical equipment was estimated at $10 million.

OKLAHOMA



CLIMATE DIVISIONS (CD)

1 - Panhandle
2 - North Central
3 - Northeast
4 - West Central
5 - Central
6 - East Central
7 - Southwest
8 - South Central
9 - Southeast

AVERAGE TEMPERATURES AND DEVIATIONS FROM NORMAL (FARENHEIT)

CD	ID		JAN TEMP	JAN DEV	FEB TEMP	FEB DEV	MAR TEMP	MAR DEV	APR TEMP	APR DEV	MAY TEMP	MAY DEV	JUN TEMP	JUN DEV	JUL TEMP	JUL DEV	AUG TEMP	AUG DEV	SEP TEMP	SEP DEV	OCT TEMP	OCT DEV	NOV TEMP	NOV DEV	DEC TEMP	DEC DEV	ANNUAL
1	0332	ARNETT	33.0	-0.3	42.5	4.3	44.8	-0.6	56.6	-0.8	67.6	1.3	75.0	-0.7	77.7	-3.1	77.9	-1.4	69.5	-1.4	56.7	-3.1	47.3	1.6	34.8	-2.4	56.9
1	0593	BEAVER	33.6	0.8	40.8	2.7	44.4	-0.9	54.5	-2.6	66.5	0.2	74.6	-1.6	78.9	-2.6	*	*	*	*	*	*	*	*	33.4	-2.8	*
1	0908	BOISE CIT	34.5	0.4	40.6	2.3	43.4	-0.7	53.8	-0.6	63.6	0.4	72.3	-1.2	77.2	-0.8	74.5	-1.2	66.4	-1.7	57.7	0.3	44.4	0.5	33.5	*	55.2
1	1243	BUFFALO	35.7	1.0	44.0	3.6	47.7	-0.3	59.3	-0.4	69.6	1.1	77.6	-0.8	80.5	-2.9	81.1	-0.7	71.1	-2.1	59.8	-2.3	48.7	1.7	37.2	-1.3	59.4
1	3407	GAGE	34.8	1.5	42.7	4.4	46.4	0.5	56.7	-0.8	68.2	1.7	75.3	-1.3	78.6	-2.9	78.8	-1.3	70.1	-1.2	58.8	-0.9	48.6	3.3	36.1	-0.7	57.9
1	3489	GATE	34.3	*	42.8	*	45.7	*	58.8	*	67.6	*	75.7	*	80.0	*	78.8	*	70.2	*	57.4	*	48.2	*	35.7	*	57.9
1	3628	GOODWELL	33.5	0.0	41.1	2.5	42.3	-2.5	53.2	-2.7	63.4	-1.3	72.5	-2.1	76.4	-3.0	76.2	-1.2	67.0	-2.5	55.6	-2.8	43.9	-0.4	32.5	*	54.8
1	3835	GUYMON	35.3	*	42.1	*	43.7	*	55.0	*	66.9	*	74.5	*	78.8	*	78.6	*	69.6	*	58.1	*	44.6	*	35.4	*	56.9
1	4298	HOOKER	34.0	0.8	41.2	2.8	42.5	-2.7	54.6	-1.7	65.9	0.5	74.0	-1.6	78.3	-2.0	76.8	-1.4	68.5	-1.4	56.2	*	*	*	*	*	*
1	4766	KENTON	33.3	-1.1	39.8	1.2	40.8	-3.2	52.9	-1.5	62.0	-1.5	71.6	-2.1	77.1	-1.5	73.8	-2.7	*	*	54.8	-2.7	*	*	33.0	-3.9	*
2	0194	ALVA	33.7	-0.4	44.0	4.7	48.8	1.4	60.0	1.1	70.6	2.5	77.9	-0.2	80.4	-3.0	80.4	-1.6	70.8	-2.3	57.3	-4.8	49.6	2.2	35.6	-2.5	59.1
2	0755	BILLINGS	32.6	*	44.1	*	48.6	*	58.7	*	70.7	*	78.7	*	80.4	*	81.3	*	71.0	*	58.1	*	49.4	*	37.3	*	59.2
2	0818	BLACKWELL	31.7	*	43.4	*	49.0	*	59.1	*	72.2	*	77.7	*	80.4	*	82.0	*	72.7	*	59.0	*	49.2	*	37.5	*	59.5
2	1724	CHEROKEE	34.6	0.1	45.4	5.5	49.8	1.6	60.4	0.6	72.1	3.4	79.4	0.5	82.5	-1.2	84.4	2.2	73.3	-0.2	60.1	-2.1	47.2	-0.1	37.4	-0.9	60.5
2	2912	ENID	34.0	-1.4	44.7	4.0	50.1	1.0	61.7	1.3	72.5	3.5	78.7	0.2	81.0	-2.5	83.5	1.4	72.6	-1.2	59.5	-3.4	49.9	1.4	38.1	-1.2	60.5
2	3304	FT SUPPLY	37.2	2.6	42.6	2.8	44.5	-3.0	56.4	-2.6	67.6	0.1	74.7	-2.2	77.3	-4.5	77.8	-2.6	69.3	-2.9	57.3	-4.0	48.5	1.4	33.3	-4.8	57.2
2	3358	FREEDOM	34.2	*	43.7	*	47.8	*	59.0	*	69.7	*	76.6	*	79.9	*	80.6	*	71.0	*	58.8	*	48.8	*	36.0	*	58.8
2	3740	GSP DAM	*	*	43.3	*	49.0	*	59.4	*	72.0	*	78.8	*	81.1	*	82.2	*	72.1	*	58.3	*	49.5	*	*	*	*
2	4019	HELENA	31.0	*	42.9	*	46.7	*	57.6	*	69.8	*	76.8	*	79.9	*	80.7	*	71.4	*	57.3	*	47.9	*	35.4	*	58.1
2	4573	JEFFERSON	32.9	*	44.3	4.7	49.7	*	60.2	0.7	72.5	3.8	79.0	0.3	81.6	-2.0	84.0	1.9	72.4	-1.2	59.8	*	50.2	2.5	37.0	*	60.3
2	4950	LAHOMA AG	34.2	*	43.0	*	*	*	*	*	*	*	*	*	*	*	81.4	*	72.3	*	59.2	*	49.9	*	39.2	*	*
2	6139	MUTUAL	31.6	-2.5	42.5	3.3	*	*	56.7	-1.5	68.2	1.1	75.7	-1.5	79.0	-3.6	79.4	-1.6	70.1	-2.2	57.1	-3.8	47.6	1.0	35.1	-2.7	*
2	6278	NEWKIRK	32.4	-1.0	43.9	5.0	49.8	2.3	60.2	0.7	72.1	3.9	77.6	0.1	80.1	-2.4	81.1	0.0	72.3	-0.5	58.2	-3.7	50.2	2.8	37.1	-0.5	59.6
2	7012	PERRY	*	*	43.2	1.7	49.8	-0.1	62.3	0.8	73.6	4.3	78.3	0.2	81.6	-1.6	83.5	1.4	73.8	-0.4	60.2	-3.3	52.2	2.6	*	*	*
2	7201	PONCA CIT	33.5	1.1	44.5	6.8	49.7	3.2	59.9	1.3	73.9	6.2	76.2	-1.0	77.7	-4.7	78.8	-2.1	72.3	0.0	58.6	-2.3	50.5	3.9	38.6	1.9	59.5
2	9404	WAYNOKA	*	*	43.2	2.6	48.0	-0.8	59.0	-1.3	69.7	0.6	76.6	-1.9	80.2	-3.3	82.1	0.0	70.7	-2.7	58.6	-3.6	49.4	1.5	36.0	-2.6	*
3	0535	BARNSDALL	33.6	*	43.9	*	49.9	*	60.1	*	71.9	*	76.3	*	79.2	*	81.1	*	70.0	*	56.9	*	49.8	*	37.9	*	59.2
3	0548	BARTLESVI	34.8	0.2	44.8	4.5	50.6	1.8	62.0	1.2	73.1	4.4	77.8	0.8	80.5	-1.5	81.5	0.9	70.8	-2.0	57.6	-4.0	50.0	1.7	38.4	-0.6	60.2
3	0782	BIXBY	34.1	-1.3	44.6	3.9	50.1	1.3	58.9	-1.7	72.4	3.8	77.4	0.5	78.9	-2.9	81.6	1.3	71.1	-1.6	55.7	-6.0	50.4	1.7	40.6	0.3	59.6
3	1828	CLAREMORE	32.8	-1.7	42.9	3.1	49.5	1.5	57.5	-2.4	72.0	4.1	77.7	1.4	83.5	1.9	83.2	2.9	79.2	6.5	57.6	-3.8	53.7	5.3	42.3	3.3	61.0
3	1902	CLEVELAND	*	*	45.4	*	51.0	*	62.7	*	72.9	*	77.1	*	80.3	*	82.6	*	71.7	*	60.2	*	49.9	*	38.2	*	*
3	4393	HULAH DAM	*	*	40.4	2.8	*	*	57.8	-1.4	71.7	4.4	75.8	0.2	77.8	-3.3	*	*	68.5	-3.5	53.3	-7.3	51.5	4.4	35.4	-1.8	*
3	4567	JAY TOWER	37.4	*	46.9	*	52.0	*	60.7	*	73.9	*	76.7	*	79.7	*	82.5	*	70.8	*	57.0	*	51.6	*	42.3	*	61.0
3	4672	KANSAS	37.2	*	45.8	*	50.7	*	60.5	*	72.0	*	75.3	*	78.5	*	81.0	*	70.0	*	57.0	*	50.2	*	40.5	*	59.9
3	4812	KEYSTONE	35.3	*	41.4	*	45.1	*	*	*	71.3	*	75.8	*	*	*	*	*	*	*	56.9	*	*	*	*	*	*
3	5522	MANNFORD	35.9	*	45.5	*	51.4	*	62.9	*	72.7	*	76.4	*	79.6	*	81.5	*	69.9	*	59.2	*	51.3	*	40.0	*	60.5
3	5855	MIAMI	31.9	-2.8	42.3	2.5	51.6	3.4	60.0	-0.1	72.4	4.5	76.7	0.5	79.3	-1.7	80.4	0.5	69.0	-3.6	54.8	-6.6	49.5	1.1	38.4	-0.8	58.9
3	6485	NOWATA	33.8	-0.9	44.4	4.4	50.6	2.2	60.8	0.9	72.8	4.6	77.1	0.6	79.6	-2.5	80.7	-0.1	70.9	-2.0	57.2	-4.6	49.9	1.3	38.8	-0.2	59.7
3	6935	PAWHUSKA	*	*	44.4	4.4	*	*	*	*	72.5	4.3	76.7	0.1	79.4	-2.4	81.3	0.8	71.0	-1.6	57.9	-3.6	49.9	1.9	38.0	-0.7	*
3	7309	PRYOR	32.8	-2.1	43.0	3.0	49.8	1.3	57.9	-2.1	71.2	3.1	76.6	0.2	78.3	-3.2	80.7	0.4	69.5	-3.1	54.4	-7.0	48.7	0.5	38.8	-0.6	58.5
3	7390	RALSTON	35.3	*	45.3	*	50.9	*	62.3	*	73.9	*	78.4	*	80.7	*	82.6	*	72.1	*	59.6	*	50.7	*	38.9	*	60.9
3	8380	SPAVINAW	38.0	*	46.7	*	52.4	*	61.9	*	74.2	*	77.3	*	80.0	*	83.7	*	71.9	*	58.7	*	52.2	*	41.5	*	61.5
3	8992	TULSA WSO	35.8	0.6	45.8	5.1	52.3	3.0	63.2	2.3	74.8	5.7	79.3	1.6	81.9	-1.3	83.9	2.2	72.9	-0.9	*	*	52.9	3.7	41.8	2.0	*
3	9101	UPPER SPA	*	*	47.9	*	53.3	*	62.2	*	*	*	81.9	*	85.4	*	85.3	*	73.6	*	58.7	*	52.8	*	44.6	*	*
3	9203	VINITA	34.3	-0.2	43.7	3.9	49.9	1.8	61.4	1.7	72.8	5.2	76.2	0.2	78.4	-2.7	*	*	70.3	-2.0	56.7	-4.5	49.8	1.9	38.4	-0.5	*
3	9247	WAGONER	37.5	0.6	46.3	4.1	52.6	2.1	62.6	1.0	73.8	4.6	77.3	0.1	80.5	-1.9	83.3	2.2	71.5	-2.4	58.9	-4.2	52.5	2.4	41.9	0.5	61.6

AVERAGE TEMPERATURES AND DEVIATIONS FROM NORMAL (FARENHEIT)

CD	ID		JAN TEMP	JAN DEV	FEB TEMP	FEB DEV	MAR TEMP	MAR DEV	APR TEMP	APR DEV	MAY TEMP	MAY DEV	JUN TEMP	JUN DEV	JUL TEMP	JUL DEV	AUG TEMP	AUG DEV	SEP TEMP	SEP DEV	OCT TEMP	OCT DEV	NOV TEMP	NOV DEV	DEC TEMP	DEC DEV	ANNUAL
4	1445	CANTON DA	36.3	0.7	42.1	1.2	47.3	-1.8	57.8	-2.3	69.8	1.3	76.2	-1.5	78.9	-4.0	*	*	70.8	-2.6	*	*	*	*	36.7	-2.8	*
4	1909	CLINTON	36.6	0.2	47.7	6.3	50.3	0.8	61.1	0.5	73.2	4.2	78.7	0.3	81.7	-1.6	83.1	1.1	72.9	-0.7	61.0	-1.2	51.2	2.7	40.0	0.1	61.5
4	2849	ELK CITY	34.7	*	43.6	*	46.8	*	58.8	*	68.6	*	75.2	*	78.1	*	80.4	*	70.9	*	60.6	*	45.6	*	38.4	*	58.5
4	2944	ERICK	35.5	-1.5	45.2	3.2	47.8	-1.7	59.1	-1.3	69.5	1.0	75.3	-2.4	80.1	-1.8	80.1	-0.5	70.5	-2.6	60.3	-1.5	49.9	1.5	37.7	-2.6	59.2
4	3497	GEARY	35.0	-1.3	44.5	3.4	48.4	-0.9	60.2	-0.5	71.8	*	76.4	-1.4	78.6	-4.4	80.6	-1.3	70.4	-3.4	58.9	-3.7	48.2	-0.6	37.3	-2.9	59.2
4	3871	HAMMON	31.7	-4.0	42.4	1.5	45.2	-3.7	55.4	-4.9	66.7	-1.6	73.4	-4.7	77.5	-5.5	80.6	-0.5	70.4	-2.1	56.5	-4.8	47.5	0.0	35.3	-3.7	56.9
4	6629	OKEENE	34.3	-2.1	45.0	3.4	49.0	-0.9	60.9	-0.1	72.8	3.3	78.4	-0.6	80.6	-3.3	83.1	0.6	72.5	-1.8	60.5	-2.9	48.5	-0.6	37.9	-2.4	60.3
4	7579	REYDON	35.0	*	45.3	*	47.7	*	59.7	*	69.4	*	75.5	*	79.0	*	79.7	*	70.7	*	60.6	*	48.8	*	38.0	*	59.1
4	8708	TALOGA	35.0	-0.1	43.8	3.7	47.7	-0.6	59.6	0.3	69.5	1.6	77.0	-0.5	79.7	-2.5	80.1	-0.6	71.1	-1.5	58.9	-2.1	48.7	1.7	36.9	-1.8	59.0
4	9364	WATONGA	35.0	*	44.5	*	49.0	*	60.2	*	71.4	*	76.6	*	79.8	*	81.6	*	71.5	*	60.0	*	49.5	*	37.6	*	59.7
4	9422	WEATHERFO	33.8	-2.8	44.3	2.6	48.2	-1.7	60.1	-0.7	71.5	2.2	76.7	-1.6	80.0	-3.0	81.5	-0.1	71.8	-1.9	58.1	-4.6	49.5	0.6	38.1	-2.1	59.5
5	0830	BLANCHARD	36.5	*	46.8	*	51.1	*	62.7	*	72.3	*	76.6	*	79.0	*	84.0	*	*	*	61.4	*	51.3	*	40.9	*	*
5	1144	BRISTOW	37.2	0.5	46.3	3.9	51.9	1.4	62.8	0.9	73.7	4.6	77.7	0.5	80.4	-1.8	83.6	2.4	71.6	-2.1	59.3	-4.0	51.8	2.1	40.9	0.1	61.4
5	1684	CHANDLER	36.5	-0.9	46.3	3.9	51.6	0.9	62.8	0.8	73.3	4.1	*	*	79.8	-3.0	82.7	0.9	72.2	-1.8	60.7	-2.6	51.3	0.9	40.5	-1.0	*
5	1750	CHICKASHA	36.5	-1.3	46.1	3.0	50.0	-1.6	61.0	-1.3	73.0	2.8	77.3	-1.5	79.7	-3.3	81.9	0.7	71.5	-2.4	59.0	-4.2	50.7	0.7	38.9	-2.7	60.5
5	2318	CUSHING	34.2	-0.5	44.5	4.5	50.7	2.3	61.1	0.7	72.4	3.9	77.9	1.0	80.5	-1.9	82.9	1.5	72.9	-0.7	58.2	-4.2	50.2	1.3	38.7	-0.8	60.3
5	2818	EL RENO	34.0	-2.2	45.0	3.7	48.6	-0.9	60.8	0.3	71.8	3.1	76.6	-0.8	78.7	-3.8	81.7	0.4	71.6	-1.8	59.8	-2.6	48.2	-0.3	38.6	-1.5	59.6
5	3821	GUTHRIE	35.5	-0.7	46.7	5.4	51.7	1.9	63.3	2.1	74.4	5.1	79.1	1.2	81.3	-1.8	83.7	1.6	73.2	-0.9	61.3	-1.7	51.5	2.2	40.2	0.2	61.8
5	4055	HENNESSEY	32.8	-2.7	44.7	4.2	49.5	0.6	59.7	-0.5	72.8	3.6	77.2	-1.3	79.9	-3.8	82.5	0.2	72.1	-1.8	59.4	-3.4	49.0	0.5	37.8	-1.5	59.8
5	4861	KINGFISHE	33.1	-2.9	45.5	4.3	49.6	0.0	60.3	-0.5	71.9	2.5	77.5	-1.1	79.9	-3.8	82.0	-0.4	71.9	-2.3	59.8	-3.1	49.6	0.7	38.5	-1.4	60.0
5	4862	KFISH CRK	33.0	*	*	*	50.2	*	60.2	*	72.1	*	77.6	*	80.2	*	*	*	72.1	*	59.5	*	49.3	*	38.6	*	*
5	4864	UJC KFISH	33.0	*	*	*	50.0	*	60.4	*	72.0	*	77.6	*	*	*	82.0	*	72.0	*	59.9	*	49.3	*	38.7	*	*
5	5779	MEEKER	36.7	0.2	45.9	4.0	50.3	0.2	62.4	1.1	72.3	3.3	75.5	-1.7	79.9	-2.4	82.4	*	71.4	-2.3	59.9	-2.6	51.2	1.9	41.1	0.3	60.7
5	6638	OKEMAH	36.8	-1.1	45.8	2.7	51.1	0.0	61.9	0.1	72.4	3.3	76.2	-0.9	79.4	-2.7	82.2	1.0	71.6	-2.5	59.2	-4.3	50.6	-0.1	41.3	-0.7	60.7
5	6661	OKC WSFO	35.2	-0.7	46.2	5.4	50.0	0.9	62.0	1.8	73.1	4.7	77.6	0.6	80.0	-2.1	83.0	1.9	72.9	-0.4	60.6	-1.7	51.7	3.0	41.3	1.4	61.1
5	7327	PURCELL	36.6	-0.3	46.6	4.4	50.6	0.2	61.2	-0.5	72.5	3.0	76.6	-1.4	78.8	-4.0	82.4	0.5	71.8	-2.4	60.3	-2.6	50.7	1.1	40.5	-0.5	60.7
5	8042	SEMINOLE	39.0	-0.1	48.7	4.2	52.9	0.5	63.4	0.2	74.2	3.8	78.2	-0.3	81.5	-2.2	84.4	1.8	73.8	-1.4	61.4	-3.2	52.9	1.2	42.6	-0.4	62.7
5	8501	STILLWATE	32.7	-2.6	43.0	2.5	49.5	0.7	59.6	-0.8	72.4	4.0	*	*	79.7	-2.4	82.1	1.1	71.4	-1.7	58.1	-3.8	50.2	1.3	38.0	-1.7	*
6	2993	EUFAULA	40.3	*	47.2	*	53.0	*	63.3	*	73.9	*	77.9	*	81.1	*	82.3	*	72.3	*	60.2	*	52.7	*	43.5	*	62.3
6	3884	HANNA	38.6	*	46.7	*	52.1	*	62.0	*	72.8	*	76.3	*	79.7	*	83.0	*	71.7	*	59.5	*	51.4	*	42.7	*	61.4
6	4235	HOLDENVIL	39.4	0.6	47.2	3.2	50.5	-1.2	62.2	0.0	72.5	2.8	76.3	-1.2	79.1	-3.5	82.7	0.8	71.9	-2.7	59.7	-4.4	51.7	0.3	42.1	-0.8	61.3
6	4975	LAKE EUFA	*	*	46.3	*	53.0	*	61.8	*	73.0	*	77.3	*	79.8	*	*	*	*	*	*	*	*	*	43.3	*	*
6	5664	MCALESTER	40.2	2.1	47.3	4.2	52.2	0.9	62.1	0.2	73.4	3.9	77.6	-0.2	79.9	-2.8	83.5	1.8	72.8	-1.4	60.2	-3.0	53.1	2.3	44.0	2.0	62.2
6	5693	MCCURTAIN	41.2	*	48.1	*	54.0	*	63.5	*	74.3	*	77.3	*	80.7	*	84.0	*	72.4	*	61.2	*	54.3	*	43.9	*	62.9
6	6130	MUSKOGEE	38.8	1.1	47.0	4.1	53.4	2.3	62.5	0.5	74.5	5.0	78.0	0.5	81.0	-1.6	83.2	1.7	72.1	-2.1	59.4	-3.5	52.5	2.4	42.6	0.9	62.1
6	6670	OKMULGEE	36.4	-0.7	45.2	2.2	51.3	0.0	61.0	-1.3	72.1	2.8	77.1	-0.3	*	*	*	*	*	*	57.0	-6.1	49.9	-0.7	41.3	-0.6	*
6	7862	SALLISAW	39.4	1.0	48.9	5.5	52.0	0.7	61.4	-0.8	73.7	4.0	76.7	-0.7	80.0	-2.1	83.3	2.3	71.6	-2.6	58.5	-4.9	51.7	1.0	42.6	0.4	61.6
6	8506	STILWELL	38.1	*	45.4	*	51.1	*	60.2	*	72.0	*	75.6	*	78.3	*	81.6	*	69.3	*	58.1	*	51.1	*	41.2	*	60.2
6	8677	TAHLEQUAH	38.1	1.1	46.2	4.1	52.2	2.2	61.1	0.0	73.1	4.9	76.0	-0.1	79.0	-1.7	81.0	1.1	69.9	-3.0	57.3	-4.6	50.2	3.9	39.9	-0.9	60.3
6	9445	WEBBERS F	37.8	1.9	46.4	5.6	51.7	2.5	59.3	-1.3	72.9	3.9	77.0	-0.1	79.9	-2.2	83.3	2.6	70.7	-2.8	57.3	-4.7	51.9	2.6	41.6	1.2	60.8

AVERAGE TEMPERATURES AND DEVIATIONS FROM NORMAL (FARENHEIT)

CD	ID		JAN TEMP	JAN DEV	FEB TEMP	FEB DEV	MAR TEMP	MAR DEV	APR TEMP	APR DEV	MAY TEMP	MAY DEV	JUN TEMP	JUN DEV	JUL TEMP	JUL DEV	AUG TEMP	AUG DEV	SEP TEMP	SEP DEV	OCT TEMP	OCT DEV	NOV TEMP	NOV DEV	DEC TEMP	DEC DEV	ANNUAL
7	0179	ALTUS IRR	38.7	-0.5	48.1	3.7	51.4	-1.1	62.1	-1.2	73.5	1.9	78.6	-1.9	82.4	-2.2	85.8	2.7	74.3	-1.1	63.1	-1.5	53.3	2.1	39.9	-2.9	62.6
7	0184	ALTUS DAM	*	*	46.1	*	49.3	*	59.7	*	71.9	*	78.3	*	*	*	83.8	*	73.4	*	60.8	*	51.6	*	39.6	*	*
7	0224	ANADARKO	34.0	-3.5	45.6	2.8	50.0	-1.1	60.2	-1.8	72.1	2.1	76.1	-2.4	79.0	-4.2	84.1	2.1	71.3	-3.2	60.2	-2.9	52.0	2.3	38.0	-3.2	60.2
7	1504	CARNEGIE	34.3	-3.0	46.2	3.6	50.0	-0.8	61.2	-0.6	72.7	2.7	77.3	-1.9	80.5	-3.2	83.4	1.1	72.1	-2.3	61.4	-1.8	51.1	1.6	39.2	-1.9	60.8
7	1706	CHATTANOO	38.1	-0.9	47.9	3.6	50.5	-1.8	60.9	-1.9	73.6	2.8	78.9	-1.0	81.4	-2.9	84.8	1.5	74.2	-1.5	63.4	-0.9	51.9	1.0	41.4	-1.0	62.2
7	3353	FREDERICK	36.4	-4.2	46.6	0.9	50.2	-3.6	61.7	-2.7	72.0	-0.3	79.0	-2.0	82.3	-3.5	83.9	-0.7	73.8	-2.8	61.7	-3.9	51.8	-0.4	40.4	-3.4	61.6
7	4204	HOBART	35.4	-0.8	44.7	3.5	48.2	-1.1	60.2	0.0	72.4	3.3	77.4	-1.5	80.8	-2.7	82.7	0.7	72.9	-0.9	61.0	-1.4	51.1	2.6	39.5	-0.4	60.5
7	4249	HOLLIS	36.7	-2.2	46.0	1.7	48.9	-3.4	60.1	-3.1	71.1	-0.7	78.9	-2.1	81.8	-3.1	81.9	-1.5	73.4	-1.9	61.4	-2.6	51.1	0.7	39.2	-3.0	60.9
7	5063	LAWTON	35.6	-3.2	45.9	2.2	49.7	-2.3	61.5	-1.2	72.6	2.0	*	*	81.1	-2.6	82.8	0.1	72.8	-2.3	60.9	-3.1	51.1	0.2	40.1	-2.1	*
7	5509	MANGUM RS	36.5	-2.1	46.5	2.6	51.0	-0.9	61.2	-1.5	72.3	1.3	77.1	-2.7	81.1	-2.8	83.5	0.9	73.8	-1.1	63.3	-0.5	50.9	0.7	39.2	-2.7	61.4
7	9278	WALTERS	38.2	-1.7	48.8	3.8	51.7	-1.4	62.3	-1.3	74.2	2.7	78.5	-1.5	80.7	-3.8	84.2	0.5	73.7	-2.5	62.7	-2.1	53.2	1.5	44.1	0.6	62.7
7	9629	WICHITA M	34.7	-3.1	43.3	0.5	46.7	-4.2	59.1	-2.7	69.7	0.5	74.4	-3.3	78.1	-4.5	*	*	72.2	-1.5	*	*	*	*	40.7	-0.5	*
8	0017	ADA	38.7	-0.9	47.1	2.4	52.4	0.0	62.3	-0.2	72.5	2.8	77.2	-0.5	79.7	-3.0	83.7	2.0	72.8	-1.7	60.1	-4.3	52.5	0.7	43.0	-0.5	61.8
8	0292	ARDMORE	41.3	-1.2	49.5	2.1	*	*	64.7	-0.5	73.7	1.3	77.7	-2.6	80.6	-4.2	84.5	0.5	74.1	-3.1	62.7	-4.2	53.9	-0.4	44.1	-2.1	*
8	0394	ATOKA DAM	40.6	*	47.9	*	52.0	*	62.4	*	73.1	*	77.1	*	79.8	*	85.1	*	74.1	*	59.4	*	52.5	*	42.1	*	62.2
8	1437	CANEY	40.9	*	48.1	*	53.0	*	62.9	*	72.6	*	77.9	*	79.8	*	83.9	*	73.1	*	60.5	*	52.2	*	46.4	*	62.6
8	1745	CHICKASAW	37.7	*	46.6	*	51.5	*	60.7	*	71.9	*	76.4	*	79.4	*	84.5	*	71.9	*	59.5	*	51.7	*	41.2	*	61.1
8	2678	DURANT	41.3	*	48.2	*	53.0	*	63.3	*	74.4	*	77.6	*	79.8	*	83.2	*	72.5	*	59.2	*	52.7	*	43.4	*	62.4
8	4001	HEALDTON	39.4	*	48.1	*	50.5	*	62.5	*	72.6	*	76.9	*	79.6	*	83.3	*	73.2	*	61.3	*	52.1	*	43.5	*	61.9
8	5216	LINDSAY	37.4	*	46.8	*	51.0	*	61.2	*	73.1	*	*	*	79.8	*	82.7	*	72.8	*	*	*	49.9	*	40.9	*	*
8	5468	MADILL	42.0	1.0	49.5	3.6	52.6	-1.0	64.4	0.9	73.3	2.4	77.6	-1.3	80.4	-3.3	84.0	0.9	73.5	-2.4	62.6	-2.7	53.1	0.1	43.8	-1.0	63.1
8	5563	MARIETTA	41.7	0.5	49.8	3.7	53.5	-0.3	64.7	1.2	74.1	3.3	77.8	-0.9	81.7	-1.9	84.7	1.8	74.5	-1.4	63.3	-2.1	54.1	1.2	44.4	-0.4	63.7
8	5581	MARLOW	37.8	*	47.5	*	51.1	*	62.2	*	72.7	*	77.1	*	79.7	*	83.5	*	72.9	*	61.6	*	51.4	*	40.9	*	61.5
8	5713	MCGEE CRE	41.2	*	49.1	*	52.7	*	61.9	*	74.2	*	77.4	*	*	*	85.6	*	73.7	*	60.0	*	52.5	*	43.9	*	*
8	6926	PAULS VAL	38.1	-1.1	47.1	2.6	51.5	-1.1	61.7	-1.6	73.2	*	76.9	-2.6	79.5	-4.6	83.4	0.3	72.6	-3.0	61.3	-3.0	51.8	0.4	41.8	-1.0	61.6
8	8884	TISHOMING	42.6	*	46.0	*	51.2	*	60.0	*	70.3	*	77.6	*	80.6	*	83.7	*	73.0	*	61.0	*	53.2	*	42.7	*	61.8
8	9395	WAURIKA	39.9	-1.1	*	*	52.5	-1.7	63.4	-1.1	73.8	1.9	74.0	2.1	78.2	-1.9	81.8	-2.9	85.3	1.5	74.6	-1.9	63.4	-2.1	53.6	1.0	*
9	0256	ANTLERS	44.6	4.4	49.5	4.6	53.9	1.1	62.4	-0.2	73.8	4.0	76.7	-0.8	80.2	-1.8	84.9	3.8	73.2	-1.2	60.3	-3.2	54.0	2.2	46.8	3.1	63.4
9	0567	BATTIEST	41.6	*	47.3	*	51.7	*	60.6	*	72.4	*	*	*	78.3	*	82.8	*	72.4	*	58.5	*	51.3	*	*	*	*
9	0980	BOSWELL	*	*	49.8	*	53.8	*	62.8	*	72.5	*	77.4	*	79.7	*	83.4	*	73.4	*	61.0	*	54.8	*	45.5	*	*
9	1168	BKN BO DM	40.8	*	47.1	*	52.2	*	61.5	*	73.8	*	*	*	*	*	*	*	74.7	*	*	*	*	*	44.8	*	*
9	4384	HUGO	43.9	1.6	49.7	2.8	53.9	-0.7	64.4	0.3	74.4	3.1	78.2	-0.5	80.8	-2.2	86.3	4.1	75.6	-0.2	61.8	-3.4	54.5	1.1	46.2	0.5	64.1
9	4451	IDABEL	41.7	-0.3	48.3	2.0	53.5	-0.4	61.5	-1.7	74.4	3.9	78.0	0.1	79.8	-2.1	84.2	2.9	74.5	-0.4	59.8	-4.3	53.1	0.5	45.3	0.3	62.8
9	7254	POTEAU WW	40.5	*	45.5	*	51.0	*	60.6	*	73.5	*	77.2	*	80.0	*	82.7	*	71.2	*	57.9	*	50.3	*	42.7	*	61.1
9	8285	SMITHVILL	40.6	*	46.3	*	49.8	*	58.8	*	70.0	*	75.6	*	77.4	*	79.2	*	71.7	*	58.3	*	49.2	*	42.8	*	60.0
9	9023	TUSKAHOMA	41.4	*	48.7	*	53.1	*	62.0	*	72.9	*	76.0	*	*	*	84.6	*	72.1	*	60.0	*	52.5	*	44.3	*	*
9	9985	ZOE	38.6	*	44.9	*	51.8	*	58.4	*	72.8	*	*	*	*	*	*	*	72.4	*	55.5	*	*	*	*	*	*

TOTAL PRECIPITATION AND DEVIATIONS FROM NORMAL (INCHES)

CD	ID		JAN PCP	DEV	FEB PCP	DEV	MAR PCP	DEV	APR PCP	DEV	MAY PCP	DEV	JUN PCP	DEV	JUL PCP	DEV	AUG PCP	DEV	SEP PCP	DEV	OCT PCP	DEV	NOV PCP	DEV	DEC PCP	DEV	ANNUAL
1	0332	ARNETT	1.60	1.2	2.82	2.2	5.03	3.7	1.35	-0.4	6.81	2.7	6.46	3.2	1.77	-0.3	2.24	-0.2	3.42	1.5	0.37	-1.4	0.54	-0.5	2.46	1.8	34.88
1	0593	BEAVER	0.80	0.4	1.38	0.8	3.97	2.8	0.59	-0.7	2.90	-0.4	6.91	4.1	0.88	-2.0	*	*	*	*	*	*	*	*	1.25	0.8	*
1	0908	BOISE CIT	0.66	0.3	1.22	0.7	0.82	0.0	1.08	-0.3	4.21	1.8	5.06	3.1	0.95	-1.6	3.13	0.8	3.22	*	0.04	-0.8	0.48	-0.1	0.82	*	21.96
1	1243	BUFFALO	1.57	1.0	3.35	2.4	4.86	3.2	0.55	-1.5	10.31	5.9	9.98	6.4	2.55	-0.8	2.73	-0.6	6.88	4.1	0.20	-1.7	0.73	-0.6	1.30	0.6	45.01
1	3070	FARGO	1.51	1.1	2.62	1.8	5.97	4.7	1.46	-0.4	6.75	2.8	3.78	0.6	1.53	-0.7	4.68	2.2	3.38	1.6	0.07	-1.6	0.46	-0.6	2.20	1.6	34.42
1	3407	GAGE	1.91	1.5	2.00	1.2	4.56	3.4	1.11	-0.7	5.29	1.6	4.16	1.4	1.06	-1.0	4.79	2.4	3.52	1.9	0.24	-1.3	0.41	-0.4	1.31	0.7	30.38
1	3489	GATE	1.05	*	2.98	*	4.44	*	0.71	*	7.00	*	5.69	*	0.86	*	2.92	*	4.56	*	0.64	*	0.48	*	1.39	*	32.72
1	3628	GOODWELL	0.94	0.7	1.17	0.9	1.19	0.4	0.00	-1.1	6.26	3.4	3.56	*	1.51	-1.4	3.01	0.6	3.55	2.3	0.10	-0.8	0.54	-0.1	0.37	*	22.20
1	3835	GUYMON	0.58	*	0.97	*	1.70	*	0.00	*	4.64	*	1.59	*	1.23	*	1.37	*	2.61	*	0.16	*	0.70	*	0.21	*	15.78
1	4298	HOOKER	1.11	0.7	1.04	0.6	1.47	0.2	0.54	-0.7	3.20	-0.2	3.12	0.2	0.80	-2.1	1.37	-1.4	3.52	1.9	0.25	-2.7	*	*	*	*	*
1	4766	KENTON	0.60	0.3	1.75	1.5	0.70	-0.1	0.90	-0.4	3.97	1.5	0.91	-0.9	1.93	-1.0	2.82	0.3	*	*	0.01	-0.9	*	*	0.62	0.3	*
1	5045	LAVERNE	0.68	0.1	2.74	1.9	3.51	2.0	1.15	-0.4	4.07	0.7	5.32	2.4	1.40	-1.1	2.98	0.0	4.38	2.4	0.39	-1.1	0.44	-0.5	1.10	0.4	28.18
1	7534	REGNIER	0.73	0.5	1.11	0.8	0.80	0.1	0.63	-0.5	4.93	3.0	*	*	0.25	-2.2	*	*	*	*	*	*	*	*	*	*	*
2	0194	ALVA	1.63	1.1	3.50	2.6	2.46	0.8	0.58	-1.9	7.62	3.6	4.06	0.3	1.13	-1.5	4.23	1.3	4.08	1.6	0.43	-1.1	0.78	-0.4	2.53	1.7	33.03
2	0755	BILLINGS	2.14	1.2	3.75	2.5	4.27	2.2	0.98	-1.9	9.55	5.0	2.56	-1.6	2.78	-0.7	2.91	0.0	6.41	2.2	0.43	-2.0	3.45	1.6	3.64	2.4	42.88
2	0818	BLACKWELL	2.86	*	2.38	*	3.64	*	0.60	*	9.90	*	5.62	*	3.19	*	3.14	*	3.80	*	0.95	*	5.19	*	2.01	*	43.29
2	1075	BRAMAN	1.83	*	3.36	*	4.81	*	0.50	*	9.50	*	4.76	*	3.52	*	3.25	*	3.92	*	0.54	*	*	*	3.66	*	*
2	1620	CEDARDALE	2.67	*	3.21	*	2.26	*	0.79	*	7.56	*	2.72	*	0.58	*	2.15	*	4.37	*	*	*	*	*	2.44	*	*
2	1724	CHEROKEE	*	*	3.33	2.4	3.90	2.0	1.20	-1.4	9.48	5.6	2.64	-1.4	1.99	-0.8	2.35	-0.2	7.44	4.8	0.65	-1.2	0.95	-0.3	1.74	0.9	*
2	2912	ENID	2.05	1.1	3.65	2.5	3.85	2.0	0.42	-2.4	10.28	5.3	4.22	0.1	3.59	0.4	1.83	-1.5	5.41	2.2	0.26	-2.5	1.67	-0.1	3.26	2.2	40.49
2	3304	FT SUPPLY	1.28	0.8	2.60	1.8	4.65	3.4	0.88	-0.7	6.04	2.3	4.27	1.3	1.13	-1.1	3.49	1.0	3.72	1.8	0.23	-1.2	0.44	-0.5	1.91	1.3	30.65
2	3358	FREEDOM	1.10	*	2.90	*	4.41	*	1.02	*	7.51	*	3.73	*	1.58	*	3.52	*	4.44	*	0.24	*	0.39	*	2.13	*	32.98
2	3740	GSP DAM	*	*	2.75	1.9	4.67	2.8	0.87	-1.8	11.42	7.8	3.54	0.1	3.92	0.7	2.89	0.0	8.98	6.0	1.36	-0.7	1.49	0.0	*	*	*
2	3909	HARDY	1.65	*	4.37	*	2.82	*	1.14	*	7.85	*	6.57	*	2.83	*	5.56	*	3.08	*	1.67	*	5.05	*	3.22	*	45.83
2	4019	HELENA	1.68	1.0	3.03	2.0	3.17	1.3	1.09	-1.5	10.45	6.1	3.65	-0.3	1.76	-1.3	1.60	-1.0	5.06	2.2	0.32	-1.8	0.69	-0.8	3.56	2.6	36.08
2	4573	JEFFERSON	1.63	*	4.23	3.3	3.28	*	1.30	-1.5	14.36	10.4	5.58	1.6	6.09	2.2	3.21	-0.0	9.65	6.5	0.73	*	1.14	-0.8	3.72	*	54.93
2	5013	LAMONT	1.71	*	3.96	*	5.09	*	1.08	*	8.98	*	2.82	*	4.70	*	1.84	*	8.51	*	0.63	*	2.90	*	*	*	*
2	5768	MEDFORD	1.76	*	4.38	*	3.56	*	0.87	*	12.30	*	5.36	*	4.53	*	2.28	*	5.83	*	0.87	*	0.89	*	1.61	*	44.25
2	6065	MORRISON	1.83	*	3.08	*	2.68	*	0.69	*	6.33	*	4.13	*	2.37	*	2.64	*	4.72	*	*	*	*	*	*	*	*
2	6139	MUTUAL	1.51	1.0	2.63	1.7	*	*	0.67	-1.8	6.70	2.4	3.04	-0.1	1.88	-0.7	1.45	-0.7	3.19	1.9	0.00	-1.5	0.38	-0.8	1.70	1.0	*
2	6278	NEWKIRK	1.92	1.1	4.67	3.6	2.73	0.8	1.13	-1.8	9.80	5.1	5.14	0.6	3.90	0.4	4.01	0.5	7.02	3.5	1.32	-1.4	5.82	3.9	4.10	2.9	51.57
2	6751	ORIENTA	1.42	*	2.33	*	1.81	*	0.72	*	7.39	*	3.86	*	2.26	*	2.13	*	5.38	*	0.03	*	0.33	*	*	*	*
2	7012	PERRY	*	*	4.47	3.2	3.11	0.8	0.39	-2.3	8.01	2.7	4.69	0.6	2.49	-1.0	2.84	-0.5	4.36	0.6	0.99	-1.6	2.55	0.8	*	*	*
2	7201	PONCA CIT	1.63	0.7	3.62	2.4	2.53	0.4	0.42	-2.5	7.91	3.4	4.73	0.6	3.80	-0.2	2.43	-0.9	4.20	0.4	0.70	-1.9	1.98	-0.1	1.87	0.6	35.83
2	7505	RED ROCK	1.78	0.9	3.52	2.1	3.52	1.3	*	*	7.80	3.2	5.07	1.0	2.23	-1.5	2.87	-0.1	6.04	2.3	0.51	-2.0	2.72	1.0	3.51	2.2	*
2	7556	RENFROW	1.88	1.2	3.99	3.0	4.49	2.6	0.87	-1.7	9.06	5.2	3.94	0.0	2.96	-0.5	3.90	1.0	8.10	4.9	0.38	-1.9	1.15	-0.5	3.01	2.0	43.73
2	9404	WAYNOKA	*	*	3.68	2.7	2.65	1.0	1.01	-1.2	7.66	3.2	4.02	0.3	2.27	-0.3	3.67	1.0	4.93	2.4	0.05	-1.7	0.32	-1.0	1.48	0.7	*
2	9760	WOODWARD	1.39	0.9	2.34	1.4	5.11	3.6	1.61	-0.4	8.41	4.3	4.97	1.8	1.47	-1.3	1.84	-1.0	3.59	1.6	0.23	-1.6	0.31	-0.8	1.55	0.8	32.83

TOTAL PRECIPITATION AND DEVIATIONS FROM NORMAL (INCHES)

CD	ID		JAN PCP	DEV	FEB PCP	DEV	MAR PCP	DEV	APR PCP	DEV	MAY PCP	DEV	JUN PCP	DEV	JUL PCP	DEV	AUG PCP	DEV	SEP PCP	DEV	OCT PCP	DEV	NOV PCP	DEV	DEC PCP	DEV	ANNUAL
3	0535	BARNSDALL	2.05	0.9	5.27	3.8	3.88	0.8	0.84	-2.5	5.85	0.6	2.66	-1.9	3.43	0.2	3.24	0.1	6.96	2.2	1.00	-2.1	4.20	1.9	2.69	1.1	42.09
3	0548	BARTLESVI	1.50	0.3	4.86	3.4	2.93	0.2	1.10	-2.2	6.27	1.6	5.64	1.6	3.67	0.7	5.05	2.0	2.59	-1.5	1.42	-1.8	4.73	2.5	3.46	2.0	43.23
3	0782	BIXBY	2.24	0.8	3.23	1.6	3.35	0.7	0.22	-3.7	9.79	5.1	3.23	-1.5	5.54	2.3	2.88	0.1	3.48	-0.9	1.71	-1.4	3.34	0.6	3.73	1.9	42.75
3	1256	BURBANK	*	*	*	*	*	*	0.46	*	6.83	*	5.07	*	1.88	*	5.80	*	7.78	*	0.84	*	2.74	*	3.68	*	*
3	1717	CHELSEA	3.31	*	3.92	*	2.52	*	0.63	*	6.88	*	3.02	*	2.58	*	6.52	*	3.71	*	1.63	*	6.06	*	6.80	*	47.58
3	1828	CLAREMORE	1.93	0.6	4.21	2.6	3.17	0.0	1.07	-2.7	6.33	1.7	3.24	-1.4	4.46	1.4	6.14	3.2	4.37	0.5	2.17	-1.2	6.23	3.4	7.16	5.3	50.48
3	1902	CLEVELAND	*	*	4.82	*	3.49	*	0.97	*	6.53	*	5.75	*	4.35	*	1.83	*	7.35	*	0.93	*	2.72	*	5.72	*	*
3	3250	FORAKER	1.15	0.1	*	*	3.40	1.0	0.72	-2.4	8.66	3.8	3.86	-0.3	3.33	-0.1	4.25	0.7	5.31	1.2	1.19	-1.9	2.11	-0.3	3.61	2.3	*
3	4258	HOLLOW	1.88	0.5	5.23	3.7	3.14	0.0	0.82	-2.9	6.11	1.3	1.24	-3.3	3.14	-0.6	3.82	0.5	3.66	-1.2	3.10	-0.4	8.90	5.9	5.57	3.7	46.62
3	4289	HOMINY	2.33	1.3	4.99	3.6	3.51	0.7	1.06	-2.1	6.10	1.5	2.94	-1.2	*	*	3.35	0.3	8.29	3.8	0.82	-2.1	3.14	1.1	3.47	2.2	*
3	4393	HULAH DAM	*	*	1.69	0.5	*	*	1.95	-1.2	7.98	3.7	3.45	-0.9	4.13	1.2	*	*	2.52	-1.3	1.36	-1.8	2.27	-0.6	2.34	1.3	*
3	4567	JAY TOWER	2.96	*	4.19	*	3.45	*	1.51	*	6.22	*	2.40	*	1.60	*	3.94	*	3.59	*	3.70	*	5.25	*	7.24	*	46.05
3	4672	KANSAS	3.04	*	4.28	*	3.53	*	1.35	*	7.99	*	2.03	*	2.62	*	5.30	*	5.21	*	3.42	*	4.87	*	8.26	*	51.91
3	4812	KEYSTONE	2.37	*	3.83	*	2.22	*	*	*	6.30	*	4.96	*	*	*	*	*	*	*	0.51	*	*	*	*	*	*
3	5118	LENAPAH	1.87	*	5.84	*	3.00	*	1.19	*	4.08	*	3.55	*	4.08	*	*	*	3.77	*	*	*	*	*	5.44	*	*
3	5522	MANNFORD	2.58	*	4.68	*	3.26	*	0.96	*	7.21	*	5.42	*	3.34	*	4.04	*	3.98	*	1.17	*	4.77	*	4.88	*	46.29
3	5540	MARAMEC	2.11	1.1	3.96	2.6	3.06	0.6	0.91	-2.1	6.40	1.4	5.59	1.7	3.64	0.5	2.08	-0.8	6.34	2.4	0.80	-2.4	2.36	0.4	3.80	2.6	41.05
3	5855	MIAMI	1.98	0.5	4.70	2.8	4.10	0.7	1.29	-2.4	9.41	4.4	1.25	-3.6	3.38	-0.5	6.84	3.3	4.57	-0.0	3.53	-0.2	7.87	4.9	4.88	2.7	53.80
3	6485	NOWATA	2.57	1.3	4.36	2.7	2.98	-0.3	0.93	-2.6	4.00	-0.6	4.03	-0.8	3.90	1.0	5.72	2.3	4.55	0.2	2.33	-1.0	5.30	2.8	4.90	3.1	45.57
3	6713	ONETA	3.03	*	3.69	*	3.21	*	0.65	*	5.70	*	4.31	*	4.22	*	4.50	*	3.53	*	1.49	*	3.73	*	6.72	*	44.79
3	6935	PAWHUSKA	*	*	7.10	5.8	*	*	*	*	5.50	0.7	4.51	0.2	3.51	0.1	5.25	1.9	6.25	2.1	1.12	-1.8	5.30	3.3	4.34	3.0	*
3	6937	PAWHUSKA-	1.76	*	*	*	3.45	*	1.17	*	4.60	*	3.11	*	4.11	*	4.96	*	4.97	*	1.10	*	4.99	*	3.65	*	*
3	6940	PAWNEE	2.66	1.7	4.69	3.4	3.17	0.7	0.86	-2.1	6.88	2.0	4.35	0.3	2.87	-0.3	2.23	-0.8	6.80	2.4	0.83	-1.9	2.74	0.9	*	*	*
3	7309	PRYOR	2.36	0.8	3.27	1.5	2.85	-0.3	1.03	-2.9	7.06	2.2	2.56	-2.1	5.61	2.6	4.21	0.8	3.85	-0.3	2.51	-1.3	7.67	4.8	7.71	5.7	50.71
3	7358	QUAPAW	2.25	0.7	5.49	3.7	3.25	-0.1	0.26	-3.7	9.45	4.3	*	*	4.00	0.2	5.75	2.3	6.00	1.2	4.40	0.7	8.69	5.8	4.23	2.2	*
3	7390	RALSTON	2.81	1.8	4.19	2.9	4.28	*	1.08	-1.9	7.06	2.3	5.12	0.7	1.75	-1.7	4.11	1.2	5.44	1.6	0.90	-1.8	3.85	1.9	4.21	2.9	44.81
3	7394	RAMONA	1.94	*	4.34	*	3.31	*	0.80	*	5.98	*	4.25	*	4.72	*	4.55	*	5.71	*	2.34	*	6.10	*	4.51	*	48.55
3	8258	SKIATOOK	1.53	0.3	4.84	3.2	3.14	0.3	1.06	-2.4	6.98	2.3	2.58	-1.7	5.69	2.3	5.77	2.9	5.22	0.9	1.19	-2.0	5.36	3.0	3.68	2.2	47.05
3	8380	SPAVINAW	2.96	1.5	4.04	2.3	3.88	0.8	1.11	-3.0	5.72	0.7	2.29	-2.5	3.58	-0.1	4.99	1.4	2.64	-1.7	2.99	-0.7	2.71	-0.5	7.45	5.4	44.38
3	8992	TULSA WSO	1.81	0.5	3.47	1.7	2.20	-0.9	0.73	-3.4	10.19	5.1	3.12	-1.5	4.39	0.9	3.72	0.7	3.52	-0.8	*	*	5.17	2.6	5.45	3.6	*
3	9101	UPPER SPA	*	*	3.67	*	3.92	*	1.52	*	*	*	1.47	*	5.43	*	3.64	*	5.30	*	5.56	*	5.07	*	9.26	*	*
3	9203	VINITA	2.48	1.0	3.53	1.7	3.09	-0.5	0.96	-3.1	5.49	0.1	1.99	-2.9	3.44	0.1	*	*	2.26	-2.5	3.12	-0.6	7.31	4.4	5.93	3.8	*
3	9247	WAGONER	2.65	0.9	3.37	1.5	2.29	-1.1	1.18	-3.5	5.46	0.6	1.54	-3.6	3.77	0.3	6.77	3.9	3.54	-0.5	4.06	1.0	6.28	3.1	6.24	4.2	47.16
3	9298	WANN	1.45	*	4.28	*	2.92	*	1.94	*	5.71	*	1.96	*	4.44	*	5.33	*	2.15	*	2.38	*	4.59	*	3.24	*	40.39
3	9792	WYNONA	3.74	*	*	*	3.48	*	1.07	*	*	*	2.54	*	1.75	*	4.11	*	6.71	*	1.05	*	3.19	*	*	*	*
4	1445	CANTON DA	0.98	0.4	2.02	1.1	2.56	0.9	0.47	-1.8	9.94	5.0	2.76	-0.9	6.35	3.9	*	*	4.79	1.7	*	*	*	*	2.78	2.0	*
4	1738	CHEYENNE	*	*	*	*	*	*	*	*	6.34	*	1.99	*	2.94	*	2.12	*	3.25	*	0.00	*	0.68	*	0.60	*	*
4	1909	CLINTON	1.34	0.6	2.18	1.1	2.30	0.6	0.10	-2.3	10.04	5.0	6.06	2.7	2.19	-0.3	2.64	-0.1	4.27	1.2	0.33	-2.4	0.80	-0.7	3.12	2.2	35.38
4	2039	COLONY	1.87	*	2.26	*	2.23	*	0.15	*	7.75	*	6.14	*	1.14	*	3.04	*	4.14	*	1.07	*	0.47	*	3.69	*	33.95
4	2125	CORDELL	1.93	1.2	2.74	1.7	2.62	1.0	0.02	-2.2	9.66	5.0	2.58	-0.5	2.35	-0.2	4.33	1.7	4.13	1.3	1.14	-1.4	0.45	-0.9	*	*	*
4	2849	ELK CITY	1.45	0.9	3.64	2.7	3.11	1.6	0.04	-2.2	9.08	4.2	2.51	-0.8	2.05	-0.4	3.85	1.5	3.17	0.6	0.19	-1.8	1.57	0.2	1.90	1.2	32.58
4	2944	ERICK	1.20	0.7	1.41	0.6	2.91	1.5	0.00	-2.2	7.01	2.6	3.63	0.7	1.09	-1.0	6.50	4.4	4.40	1.6	0.84	-1.4	0.47	-0.5	2.32	1.6	31.78
4	3497	GEARY	1.48	0.8	2.42	1.3	1.72	-0.0	0.00	-2.5	5.91	*	4.84	1.0	1.89	-0.6	5.45	3.3	4.08	0.9	0.94	-1.5	0.28	-1.1	1.37	0.4	30.38
4	3871	HAMMON	2.10	1.6	4.40	3.5	1.70	0.1	0.17	-2.1	8.49	3.9	4.66	1.7	2.35	0.2	1.37	-1.1	3.50	0.8	0.13	-1.8	0.56	-0.8	3.65	2.9	33.08
4	5090	LEEDEY	1.01	0.6	1.59	0.7	2.99	1.7	0.63	-1.9	5.67	0.9	2.32	-0.9	3.20	1.2	1.47	-1.1	4.19	2.0	0.00	-1.8	0.00	-1.3	1.00	0.3	24.07
4	6035	MORAVIA	1.27	0.8	3.12	2.2	2.42	0.9	0.00	-2.1	*	*	4.74	1.8	3.81	1.5	2.36	0.3	4.86	2.1	0.91	-1.5	0.70	-0.3	2.25	1.5	*
4	6629	OKEENE	1.36	0.8	4.08	3.1	2.24	0.4	0.90	-1.4	8.97	4.0	3.01	-1.0	2.60	0.3	3.45	0.9	6.33	3.4	0.30	-1.8	0.74	-0.9	2.95	2.1	36.93
4	7565	RETROP	1.40	*	3.16	*	2.40	*	0.00	*	7.35	*	3.79	*	1.98	*	3.01	*	5.57	*	0.78	*	0.79	*	3.00	*	33.23
4	7579	REYDON	1.03	0.6	3.39	2.6	3.11	1.7	0.61	-1.7	5.03	0.7	2.26	-1.1	2.52	0.4	2.65	0.4	3.89	1.5	0.23	-1.5	0.55	-0.4	1.27	0.7	26.56
4	7952	SAYRE	0.63	0.2	2.23	1.5	1.32	0.0	0.01	-2.0	6.99	2.6	2.82	-0.4	1.90	-0.2	4.48	2.4	2.80	0.4	0.70	-1.4	0.48	-0.6	1.32	0.7	25.68
4	8652	SWEETWATE	0.44	*	2.25	*	2.45	*	*	*	6.53	*	1.44	*	2.04	*	1.75	*	*	*	*	*	*	*	1.11	*	*
4	8708	TALOGA	1.41	0.9	2.18	1.3	2.66	1.0	0.67	-1.8	8.48	3.4	6.74	3.5	1.30	-1.3	2.08	-0.4	3.57	0.9	0.06	-1.8	0.51	-1.0	2.34	1.7	32.02
4	8815	THOMAS	1.92	*	2.43	*	2.52	*	0.25	*	8.37	*	3.97	*	3.99	*	4.42	*	6.43	*	4.02	*	*	*	0.76	*	*
4	9172	VICI	1.89	*	3.35	*	3.97	*	1.42	*	6.98	*	4.68	*	2.55	*	0.99	*	5.82	*	0.17	*	0.81	*	2.06	*	34.70
4	9364	WATONGA	1.99	1.2	2.14	1.1	2.85	1.1	0.45	-2.0	6.88	1.9	4.40	0.6	2.89	0.7	2.51	0.5	4.08	1.1	0.54	-1.7	1.22	-0.2	4.08	3.1	34.04
4	9422	WEATHERFO	1.39	0.8	1.91	0.9	2.13	0.5	0.18	-2.1	7.84	3.1	5.43	1.8	2.55	0.1	4.41	1.7	4.18	0.9	0.44	-2.3	1.06	-0.3	3.14	2.3	34.68

TOTAL PRECIPITATION AND DEVIATIONS FROM NORMAL (INCHES)

CD	ID		JAN PCP	DEV	FEB PCP	DEV	MAR PCP	DEV	APR PCP	DEV	MAY PCP	DEV	JUN PCP	DEV	JUL PCP	DEV	AUG PCP	DEV	SEP PCP	DEV	OCT PCP	DEV	NOV PCP	DEV	DEC PCP	DEV	ANNUAL
5	0200	AMBER	2.41	*	3.30	*	1.68	*	0.42	*	9.43	*	4.97	*	3.39	*	2.30	*	3.74	*	1.86	*	1.20	*	3.23	*	37.93
5	0288	ARCADIA	2.30	*	4.73	*	*	*	*	*	*	*	*	*	1.29	*	2.44	*	5.11	*	1.11	*	1.91	*	3.71	*	*
5	0325	TINKER AF	1.83	*	3.47	*	2.89	*	0.00	*	8.55	*	4.78	*	*	*	2.23	*	3.32	*	1.38	*	*	*	2.72	*	*
5	0830	BLANCHARD	3.08	*	3.53	*	3.50	*	1.53	*	11.71	*	3.48	*	3.85	*	2.28	*	*	*	1.58	*	1.49	*	4.66	*	*
5	1144	BRISTOW	2.55	1.4	5.33	3.7	2.14	-0.4	1.09	-2.5	7.50	1.8	3.21	-1.2	2.86	-0.7	4.23	1.6	3.96	-0.0	1.68	-0.9	4.26	1.9	7.01	5.4	45.83
5	1684	CHANDLER	2.66	1.5	4.20	2.7	2.97	0.7	0.65	-2.6	6.89	1.5	*	*	2.59	-0.8	1.70	-0.6	3.90	0.1	1.02	-1.4	2.66	0.6	2.75	1.4	*
5	1750	CHICKASHA	1.95	1.1	3.62	2.4	1.84	-0.1	0.36	-2.5	9.68	4.6	5.74	2.7	1.94	-0.6	3.44	0.9	5.64	2.2	1.48	-1.2	1.41	-0.1	3.71	2.6	40.82
5	2196	COX CITY	2.74	*	4.91	*	3.70	*	1.03	*	13.52	*	3.71	*	3.60	*	2.08	*	6.96	*	3.00	*	1.23	*	6.14	*	52.67
5	2242	CRESCENT	0.94	*	*	*	2.44	*	0.87	*	5.29	*	5.51	*	1.94	*	2.14	*	4.64	*	0.94	*	2.29	*	1.83	*	*
5	2318	CUSHING	1.37	0.3	5.92	4.6	2.08	-0.4	0.45	-2.7	6.27	0.9	5.22	0.9	1.31	-2.4	2.33	-0.4	5.71	1.8	0.66	-2.0	2.39	0.4	2.93	1.6	36.64
5	2818	EL RENO	2.00	1.2	2.97	1.9	1.87	0.0	0.04	-2.5	15.00	9.8	4.52	0.9	2.98	0.2	3.57	1.3	4.11	0.5	1.03	-1.8	1.80	0.2	3.80	2.8	43.69
5	3821	GUTHRIE	2.23	1.3	6.80	5.5	4.60	2.6	0.45	-2.2	15.59	10.2	5.39	1.4	2.87	0.0	2.82	0.4	6.32	2.3	1.28	-1.4	2.07	0.3	2.70	1.5	53.13
5	4055	HENNESSEY	1.69	1.0	2.29	1.1	2.93	1.1	0.31	-2.1	5.58	0.3	3.47	-0.4	2.95	0.4	2.90	0.2	5.48	2.1	0.48	-1.6	2.50	0.9	2.85	1.9	33.44
5	4489	INGALLS	1.37	*	4.50	*	3.28	*	1.26	*	6.01	*	3.68	*	*	*	1.98	*	5.13	*	1.04	*	1.99	*	1.21	*	*
5	4861	KINGFISHE	2.10	1.3	3.20	2.1	2.74	1.0	0.05	-2.4	6.12	1.2	6.71	3.0	2.69	0.1	4.01	1.6	4.33	0.7	0.82	-1.6	2.30	0.8	3.68	2.6	38.75
5	4862	KFISH CRK	2.10	*	*	*	2.74	*	0.05	*	6.12	*	6.71	*	2.69	*	*	*	4.33	*	0.82	*	2.32	*	3.68	*	*
5	4864	UJC KFISH	2.10	*	*	*	2.74	*	0.05	*	6.12	*	6.71	*	*	*	4.01	*	4.33	*	0.82	*	2.32	*	3.68	*	*
5	4915	KONAWA	3.65	2.3	5.46	3.8	3.31	0.4	0.36	-3.8	13.63	7.5	2.75	-1.0	4.33	1.8	2.37	-0.1	3.54	-0.6	3.52	-0.1	4.01	1.9	7.15	5.3	54.09
5	5589	MARSHALL	2.18	1.4	2.15	1.0	4.00	2.0	0.36	-2.0	7.18	1.9	4.81	0.8	*	*	1.87	-0.9	6.87	3.4	3.73	1.1	1.79	0.2	3.12	2.0	*
5	5779	MEEKER	1.90	0.8	4.86	3.4	3.04	0.6	1.75	-1.8	6.54	0.9	1.58	-2.1	2.80	-0.2	1.65	*	7.23	3.4	1.10	-1.7	2.77	0.7	1.90	0.5	37.12
5	6110	MULHALL	2.03	*	3.61	*	3.27	*	0.39	*	6.51	*	4.24	*	2.71	*	2.97	*	3.88	*	*	*	*	*	3.25	*	*
5	6386	NORMAN	3.15	2.0	3.60	2.3	2.63	0.3	0.76	-2.5	8.71	2.8	4.17	0.6	3.61	0.4	1.51	-1.0	5.45	1.7	1.29	-1.3	0.78	-1.3	4.48	3.1	40.16
5	6616	OILTON	2.52	*	4.29	*	3.17	*	1.22	*	7.67	*	3.91	*	3.64	*	2.49	*	3.18	*	1.58	*	3.91	*	4.89	*	42.47
5	6638	OKEMAH	3.16	1.8	5.25	3.8	3.56	0.9	0.58	-3.6	6.52	1.5	3.67	-0.8	2.88	-0.5	4.78	2.2	4.34	0.5	1.95	-0.9	3.43	1.0	6.68	4.9	46.80
5	6661	OKC WSFO	2.51	1.6	4.72	3.4	2.33	0.3	0.42	-2.5	11.59	6.1	6.64	2.8	3.09	0.1	1.82	-0.6	4.61	1.2	1.82	-0.9	1.93	0.4	3.75	2.6	45.26
5	7003	PERKINS	2.07	1.0	5.03	3.8	2.06	-0.4	0.68	-2.0	6.08	0.9	6.76	2.6	1.83	-1.7	1.57	-1.0	6.80	2.6	1.00	-2.2	1.20	-0.9	3.74	2.4	38.82
5	7068	PIEDMONT	1.99	*	3.67	*	3.25	*	0.51	*	9.99	*	4.38	*	5.00	*	2.43	*	4.60	*	1.22	*	1.70	*	1.83	*	40.57
5	7264	PRAGUE	3.14	1.9	4.60	3.1	1.77	-0.7	1.54	-2.3	8.60	3.3	3.89	0.1	1.96	-1.2	3.33	*	4.86	1.1	0.83	-2.0	2.46	0.3	6.00	4.5	43.00
5	7327	PURCELL	3.09	2.0	4.52	3.2	2.95	0.6	2.04	-1.3	11.01	5.0	4.57	1.0	7.13	4.1	2.46	0.0	6.09	2.1	2.45	-0.7	2.34	0.3	5.29	3.8	53.96
5	8042	SEMINOLE	3.15	1.9	4.78	3.2	3.62	1.0	0.60	-3.5	7.15	1.8	5.19	1.4	4.89	1.9	3.06	0.2	5.00	1.0	2.06	-0.8	3.10	0.6	6.30	4.5	48.90
5	8110	SHAWNEE	3.31	2.1	5.47	3.9	2.77	0.3	*	*	7.92	1.9	5.31	1.4	2.92	0.3	3.05	0.2	3.72	-0.0	1.86	-1.3	3.09	0.8	5.59	4.1	*
5	8479	STELLA	2.91	*	3.93	*	2.98	*	1.21	*	6.28	*	3.64	*	3.87	*	1.07	*	4.88	*	1.28	*	2.39	*	5.66	*	40.10
5	8501	STILLWATE	2.52	1.6	5.38	4.2	3.37	1.2	0.62	-2.0	6.79	1.7	*	*	2.92	-0.9	2.11	-0.7	4.41	0.5	1.24	-1.7	2.62	0.8	3.81	2.6	*
5	8563	STROUD	2.68	*	5.14	*	3.83	*	1.47	*	6.65	*	4.99	*	2.52	*	3.70	*	4.05	*	1.31	*	2.70	*	5.07	*	44.12
5	8751	TECUMSEH	2.02	*	4.78	*	*	*	1.11	*	7.75	*	2.73	*	4.42	*	1.52	*	5.25	*	*	*	3.95	*	3.31	*	*
5	8960	TROUSDALE	3.47	*	4.60	*	2.91	*	1.36	*	8.44	*	5.86	*	5.62	*	1.82	*	2.18	*	1.64	*	2.34	*	5.24	*	45.48
5	9086	UNION CIT	2.92	1.8	3.30	1.9	1.75	-0.6	0.62	-2.7	12.83	6.9	4.61	0.4	4.64	2.5	2.87	0.3	4.59	0.8	2.30	-0.8	1.17	-0.9	3.61	2.3	45.22
5	9479	WELTY	2.91	*	4.67	*	3.19	*	0.65	*	6.90	*	3.50	*	2.55	*	4.54	*	3.40	*	1.48	*	3.26	*	6.20	*	43.26
5	9575	WEWOKA	2.00	0.6	4.70	3.0	*	*	*	*	*	*	5.96	1.8	3.65	0.9	3.69	0.8	3.54	-0.6	2.89	-0.1	4.43	2.2	7.10	5.3	*

TOTAL PRECIPITATION AND DEVIATIONS FROM NORMAL (INCHES)

CD	ID		JAN PCP	JAN DEV	FEB PCP	FEB DEV	MAR PCP	MAR DEV	APR PCP	APR DEV	MAY PCP	MAY DEV	JUN PCP	JUN DEV	JUL PCP	JUL DEV	AUG PCP	AUG DEV	SEP PCP	SEP DEV	OCT PCP	OCT DEV	NOV PCP	NOV DEV	DEC PCP	DEC DEV	ANNUAL
6	0364	ASHLAND	4.67	*	4.35	*	3.10	*	0.27	*	8.47	*	4.15	*	1.97	*	4.38	*	4.59	*	2.83	*	4.78	*	8.98	*	52.55
6	0631	BEGGS	3.91	*	3.80	*	4.08	*	0.47	*	6.05	*	2.29	*	1.44	*	4.13	*	2.42	*	1.18	*	3.40	*	6.39	*	39.56
6	1027	BOYNTON	3.38	*	4.85	*	3.55	*	0.37	*	5.63	*	1.80	*	4.32	*	3.91	*	4.53	*	1.91	*	4.51	*	*	*	*
6	1391	CALVIN	3.40	2.0	4.86	3.0	3.79	0.4	0.16	-4.3	7.86	2.0	3.61	-0.9	2.61	-0.9	3.41	0.8	6.02	1.7	2.52	-1.2	2.74	0.1	7.80	5.8	48.78
6	1711	CHECOTAH	3.23	1.7	4.40	2.5	4.24	0.9	0.21	-4.4	5.85	0.5	2.31	-1.7	3.72	0.3	7.08	4.4	3.73	-0.7	*	*	5.39	2.6	8.47	6.4	*
6	2485	DEWAR	2.77	1.4	4.34	*	3.01	-0.1	0.20	-4.1	7.03	1.9	3.74	-0.3	3.15	-0.4	6.58	4.0	3.10	-1.2	1.52	-1.7	4.86	2.2	7.28	5.4	47.58
6	2690	DUSTIN	2.70	*	5.10	*	2.87	*	0.23	*	8.33	*	3.72	*	3.69	*	7.87	*	5.62	*	*	*	3.89	*	7.11	*	*
6	2993	EUFAULA	4.10	2.6	4.66	2.6	3.49	-0.5	0.42	-4.3	7.23	1.8	3.02	-1.1	4.56	0.9	5.53	2.8	3.42	-0.8	2.59	-0.8	5.41	2.5	9.53	7.1	53.97
6	3884	HANNA	3.62	2.2	4.93	3.1	3.21	-0.5	0.30	-4.1	9.15	3.7	2.71	-1.3	2.52	-0.6	4.38	1.6	4.21	0.1	1.58	-1.7	3.72	0.8	8.73	6.6	49.07
6	3946	HARTSHORN	4.20	*	3.25	*	4.36	*	0.66	*	10.30	*	3.44	*	3.17	*	6.15	*	6.24	*	2.12	*	7.39	*	8.38	*	59.67
6	3956	HASKELL	3.54	1.9	4.02	2.1	3.35	0.2	0.48	-3.6	5.58	0.6	1.30	-3.5	4.35	1.2	8.63	6.3	3.79	-0.2	2.55	-0.5	4.41	1.5	7.43	5.5	49.43
6	4235	HOLDENVIL	2.83	1.5	3.70	2.0	3.25	0.3	0.29	-4.1	8.04	2.4	4.10	0.3	3.94	0.5	4.14	1.5	3.72	-0.3	2.98	-0.6	3.68	1.3	7.84	6.0	48.51
6	4975	LAKE EUFA	*	*	4.39	*	3.24	*	0.82	*	11.06	*	2.45	*	2.25	*	*	*	*	*	*	*	*	*	9.61	*	*
6	5437	LYONS	1.30	-0.4	2.64	0.7	2.95	-1.00	1.75	-3.0	5.67	0.4	3.86	-0.6	2.42	-0.8	4.09	1.2	5.46	1.2	3.65	0.6	4.44	1.5	9.14	6.8	47.38
6	5664	MCALESTER	3.43	1.8	4.12	1.9	2.64	-1.2	0.21	-4.3	8.21	2.6	4.80	1.1	5.93	2.5	4.59	1.3	5.24	0.3	2.53	-1.4	6.57	3.5	8.34	6.0	56.63
6	5693	MCCURTAIN	3.75	1.9	3.41	0.9	3.38	-0.5	1.95	-2.8	7.48	1.8	3.33	-0.9	3.15	-0.7	8.28	5.3	3.53	-0.9	1.75	-1.6	6.50	2.9	7.84	5.2	54.37
6	6130	MUSKOGEE	3.16	1.5	4.38	2.3	2.34	-0.9	0.43	-4.2	5.08	0.1	3.66	-0.9	4.58	1.5	4.10	1.1	3.44	-0.7	3.68	0.3	5.16	2.2	14.66	12.4	54.67
6	6670	OKMULGEE	2.80	1.2	3.70	1.9	2.88	-0.2	0.46	-4.1	6.91	1.8	3.09	-1.6	*	*	*	*	*	*	2.27	-0.6	3.49	0.9	7.72	5.7	*
6	6678	OKTAHA2N	2.65	*	4.53	*	3.12	*	0.38	*	7.78	*	1.91	*	5.25	*	6.58	*	3.52	*	1.89	*	6.27	*	9.50	*	53.38
6	7372	QUINTON	3.69	2.1	4.01	1.9	2.90	-0.8	1.12	-3.2	6.31	0.7	4.02	-0.0	2.78	-1.0	5.99	2.9	4.80	0.4	1.30	-2.3	5.49	2.3	7.76	5.4	50.19
6	7862	SALLISAW	3.71	1.9	3.78	1.3	4.59	0.8	3.76	-0.7	6.08	0.6	1.43	-2.9	3.89	0.3	6.03	2.9	4.00	-0.4	2.69	-1.2	7.55	4.1	8.15	5.7	55.66
6	7979	SCIPIO	3.20	*	4.28	*	3.60	*	0.42	*	8.99	*	2.61	*	3.82	*	6.61	*	3.63	*	1.45	*	3.76	*	9.32	*	51.69
6	7993	SCRAPER	3.19	*	3.43	*	3.55	*	0.45	*	6.99	*	3.73	*	2.91	*	*	*	6.31	*	6.17	*	3.68	*	9.06	*	*
6	8170	SHORT	3.59	*	3.85	*	3.68	*	4.98	*	8.55	*	1.63	*	2.56	*	6.18	*	5.07	*	3.14	*	5.34	*	8.51	*	57.09
6	8506	STILWELL	3.38	1.4	5.53	*	6.29	*	1.73	-3.0	5.33	-0.6	3.02	-1.5	3.84	0.1	5.10	1.8	5.07	0.8	2.23	*	6.52	*	8.22	*	56.29
6	8677	TAHLEQUAH	3.20	1.4	2.48	0.1	4.50	0.9	1.30	-3.3	5.91	0.4	3.30	-1.3	3.23	-0.2	6.29	3.2	6.42	2.1	3.19	-0.2	6.41	3.2	6.97	4.5	53.20
6	9445	WEBBERS F	3.91	2.3	5.09	2.8	3.70	0.1	1.71	-2.9	9.19	3.9	1.20	-2.9	2.93	-0.2	5.85	3.0	3.93	-0.4	1.83	-1.9	5.49	2.5	9.82	7.5	54.65
6	9523	WESTVILLE	2.86	*	5.42	*	4.92	*	2.32	*	4.52	*	2.28	*	4.50	*	4.71	*	2.35	*	2.71	*	6.70	*	7.15	*	50.44
6	9571	WETUMKA	3.36	1.9	4.64	3.0	4.13	1.0	0.25	-4.1	6.06	0.6	4.20	-0.1	3.36	0.2	5.69	3.3	4.49	0.5	1.25	-1.9	4.30	1.5	8.53	6.6	50.29
7	0179	ALTUS IRR	1.53	0.8	2.85	1.9	1.64	0.4	0.00	-2.0	10.00	5.4	5.49	2.6	*	*	*	*	*	*	2.30	-0.2	0.22	-0.8	3.27	2.4	*
7	0184	ALTUS DAM	*	*	3.09	2.2	1.77	0.5	0.05	-1.9	10.60	5.8	3.63	0.2	*	*	1.12	-1.0	4.56	1.8	3.71	1.0	0.31	-0.7	1.73	0.9	*
7	0224	ANADARKO	2.40	1.5	4.73	3.5	1.45	-0.4	1.06	-1.5	8.48	3.6	3.64	0.2	1.67	-0.9	0.91	-1.6	3.62	0.3	1.65	-1.0	0.46	-1.1	3.64	2.5	33.71
7	0447	ALTUS AFB	1.20	*	2.74	*	0.70	*	0.03	*	10.96	*	3.00	*	0.93	*	4.83	*	3.12	*	2.98	*	0.05	*	1.83	*	32.39
7	1504	CARNEGIE	2.42	1.6	2.91	1.8	1.59	-0.1	0.00	-2.4	6.57	1.5	5.25	2.2	1.81	-0.7	2.36	0.2	4.30	0.9	2.06	-0.1	0.78	-0.5	3.77	2.7	33.82
7	1706	CHATTANOO	1.47	0.6	3.76	2.6	2.32	0.6	0.00	-2.5	10.55	5.8	7.76	5.0	2.24	-0.3	3.09	0.5	4.41	1.3	1.74	-1.0	0.44	-0.9	3.48	2.4	41.26
7	2668	DUNCAN	2.02	*	3.38	*	2.68	*	0.20	*	10.31	*	3.75	*	1.67	*	1.23	*	4.35	*	2.22	*	2.23	*	3.72	*	37.77
7	3353	FREDERICK	1.28	0.4	4.06	3.0	1.82	0.1	0.04	-2.3	9.45	4.7	2.99	0.0	2.38	0.2	3.68	1.2	3.68	0.7	1.13	-1.3	0.80	-0.6	2.37	1.4	33.68
7	3709	GRANDFIEL	1.36	0.3	3.37	2.2	3.06	1.3	0.00	-2.4	11.37	6.4	7.06	3.9	2.40	0.3	3.87	1.5	4.44	1.0	0.38	-2.5	0.95	-0.6	2.39	1.1	40.65
7	4204	HOBART	1.32	0.7	2.62	2.3	0.69	-0.6	0.02	-2.2	9.72	4.7	4.48	1.6	3.22	0.7	1.28	-0.6	2.88	0.0	1.72	-0.8	0.21	-0.9	2.96	2.2	31.13
7	4249	HOLLIS	0.74	0.2	3.90	3.1	1.63	0.6	0.21	-2.0	7.29	3.2	5.16	2.2	0.88	-1.0	1.49	-0.5	1.88	-0.8	0.69	-1.6	0.33	-0.5	1.79	1.1	25.99
7	5063	LAWTON	1.91	0.8	2.87	1.7	1.93	0.1	0.11	-2.3	10.19	4.5	*	*	1.58	-0.9	0.88	-1.3	4.10	1.1	3.43	0.6	0.93	-0.8	3.48	2.3	*
7	5068	FORT SILL	1.93	0.9	4.17	3.0	1.12	-0.7	0.08	-2.3	7.11	1.4	5.13	1.6	*	*	1.41	-0.7	3.91	0.9	1.92	-0.9	0.76	-1.0	2.78	1.6	*
7	5247	LOCO	2.39	*	6.71	*	3.68	*	3.68	*	10.47	*	10.47	*	3.01	*	3.56	*	3.27	*	3.29	*	0.78	*	1.07	*	52.39
7	5329	LOOKEBA	2.19	*	2.42	*	1.82	*	0.08	*	8.50	*	5.68	*	3.41	*	3.00	*	4.29	*	2.03	*	1.87	*	3.37	*	38.66
7	5509	MANGUM RS	1.31	0.7	3.54	2.7	2.07	0.9	0.09	-1.8	11.27	6.6	4.79	1.9	2.45	-0.2	0.44	-1.6	3.23	0.5	3.40	0.8	0.33	-0.6	2.55	1.8	35.47
7	7403	RANDLETT	1.41	*	3.62	*	2.26	*	0.40	*	9.00	*	2.98	*	3.28	*	1.07	*	2.50	*	0.26	*	1.23	*	2.66	*	30.68
7	7727	ROOSEVELT	3.12	2.4	3.60	2.6	1.02	-0.3	0.01	-2.2	16.79	11.5	4.19	0.9	1.99	-0.4	2.76	0.6	2.89	0.1	1.64	-0.8	0.32	-0.9	1.75	0.8	40.08
7	8016	SEDAN	*	*	*	*	1.33	*	0.00	*	6.10	*	4.11	*	1.23	*	2.61	*	2.41	*	*	*	0.44	*	3.54	*	*
7	8299	SNYDER	1.79	1.0	3.37	2.3	1.39	-0.0	0.00	-2.1	10.15	5.2	5.29	2.4	5.77	3.3	6.16	4.0	4.78	2.0	4.01	1.7	0.24	-1.0	3.15	2.1	46.12
7	9212	VINSON	0.76	0.3	3.11	2.5	1.64	0.4	0.15	-1.9	5.74	1.1	4.04	1.2	1.51	-0.4	3.32	1.1	3.73	0.9	0.69	-1.6	0.60	-0.4	1.97	1.2	27.26
7	9278	WALTERS	2.31	1.1	4.32	3.1	2.30	0.2	0.20	-2.6	15.59	10.3	6.36	2.8	2.33	-0.6	3.68	1.1	3.24	-0.0	1.88	-1.0	1.92	0.1	1.60	0.2	45.73
7	9629	WICHITA M	3.05	2.2	4.40	3.2	2.13	0.2	0.00	-2.5	14.28	9.0	6.47	3.0	3.89	1.4	*	*	3.99	0.9	*	*	*	*	3.50	2.4	*
7	9668	WILLOW	1.55	*	3.46	*	3.25	*	0.01	*	7.84	*	4.33	*	3.58	*	2.95	*	3.99	*	0.80	*	0.57	*	2.67	*	35.01

TOTAL PRECIPITATION AND DEVIATIONS FROM NORMAL (INCHES)

CD	ID		JAN PCP	DEV	FEB PCP	DEV	MAR PCP	DEV	APR PCP	DEV	MAY PCP	DEV	JUN PCP	DEV	JUL PCP	DEV	AUG PCP	DEV	SEP PCP	DEV	OCT PCP	DEV	NOV PCP	DEV	DEC PCP	DEV	ANNUAL
8	0017	ADA	3.02	1.7	5.68	3.8	2.94	0.0	0.35	-3.4	10.27	4.6	2.21	-1.5	3.14	0.5	2.69	-0.4	6.47	2.5	1.58	-2.3	3.51	1.0	5.52	3.6	47.39
8	0147	ALLEN	1.57	*	5.27	*	3.80	*	0.00	*	9.44	*	2.30	*	4.18	*	3.42	*	5.36	*	1.80	*	3.15	*	*	*	*
8	0292	ARDMORE	3.61	2.3	5.07	3.4	*	*	0.60	-3.3	9.00	4.4	3.69	0.4	3.66	1.4	4.09	1.6	5.96	2.0	2.53	-0.9	3.79	1.6	6.92	5.2	*
8	0394	ATOKA DAM	2.45	*	2.12	*	3.44	*	0.58	*	8.82	*	7.10	*	2.41	*	1.92	*	4.12	*	2.81	*	5.06	*	6.29	*	47.12
8	0917	BOKCHITO	2.42	*	4.02	*	3.57	*	0.25	*	7.26	*	*	*	2.86	*	1.77	*	5.43	*	3.07	*	5.02	*	8.02	*	*
8	1437	CANEY	3.29	*	4.12	*	2.10	*	0.30	*	7.15	*	2.81	*	2.20	*	1.50	*	3.59	*	2.58	*	5.40	*	2.21	*	37.25
8	1648	CENTRAHOM	*	*	*	*	*	*	0.22	*	7.12	*	2.86	*	2.07	*	1.68	*	3.19	*	2.25	*	4.72	*	7.73	*	*
8	1745	CHICKASAW	3.35	*	4.03	*	4.00	*	0.87	*	10.06	*	2.08	*	2.42	*	2.58	*	6.28	*	3.60	*	2.87	*	6.61	*	48.75
8	2011	COLEMAN	*	*	*	*	2.00	*	0.20	*	7.87	*	5.77	*	2.46	*	*	*	3.45	*	*	*	6.12	*	6.00	*	*
8	2054	COMANCHE	2.16	*	5.04	*	3.39	*	0.39	*	10.07	*	3.29	*	2.53	*	1.95	*	3.05	*	1.39	*	1.92	*	6.11	*	41.30
8	2354	DAISY	3.73	1.8	3.36	0.7	4.48	0.6	1.35	-4.0	10.57	4.3	3.36	-1.1	3.43	-0.9	5.40	1.9	6.11	0.4	2.81	-1.0	7.21	3.9	9.17	6.5	61.00
8	2678	DURANT	3.25	1.5	4.60	2.4	2.63	-0.6	0.29	-4.3	8.29	3.3	7.72	4.0	3.35	0.8	2.09	-0.4	5.88	0.3	3.55	0.1	5.38	2.6	6.54	4.4	53.57
8	2872	ELMORE CI	2.43	*	4.17	*	2.90	*	1.00	*	9.12	*	2.06	*	5.82	*	1.40	*	4.80	*	0.80	*	3.00	*	5.00	*	42.51
8	3083	FARRIS	3.47	*	3.46	*	4.24	*	0.91	*	8.01	*	6.24	*	2.88	*	2.41	*	3.52	*	3.59	*	5.66	*	7.23	*	51.62
8	3688	GRADY	2.30	*	6.03	*	2.25	*	0.48	*	8.05	*	4.98	*	1.42	*	2.51	*	4.92	*	1.42	*	1.38	*	4.52	*	40.26
8	4001	HEALDTON	2.93	1.6	5.39	4.0	2.63	0.2	0.16	-3.3	11.64	6.8	2.89	-0.8	3.46	1.1	4.33	2.0	3.78	-0.3	0.55	-2.6	1.72	-0.3	7.08	5.5	46.56
8	4052	HENNEPIN	3.99	*	5.40	*	3.69	*	0.25	*	12.84	*	2.96	*	2.66	*	1.55	*	4.72	*	*	*	*	*	*	*	*
8	4865	KINGSTON	3.51	1.8	5.39	3.1	3.98	0.8	0.30	-3.8	7.43	2.4	4.79	1.2	*	*	3.84	1.4	6.44	1.8	3.35	-0.3	4.22	1.7	8.01	6.0	*
8	5108	LEHIGH	3.22	*	3.54	*	2.81	*	0.34	*	9.01	*	6.75	*	2.70	*	0.65	*	4.97	*	2.17	*	4.99	*	5.65	*	46.83
8	5216	LINDSAY	2.78	1.7	4.88	3.5	3.54	1.3	1.42	-1.9	13.42	7.1	*	*	4.66	2.1	1.08	-1.2	5.27	1.5	*	*	0.94	-1.1	4.63	3.2	*
8	5468	MADILL	3.26	1.6	5.21	3.1	2.62	-0.4	0.62	-3.9	6.66	1.6	4.74	0.9	2.91	0.6	4.23	1.8	6.97	2.4	3.69	0.1	4.33	1.9	7.07	5.1	52.31
8	5563	MARIETTA	2.78	1.3	5.00	3.2	2.57	-0.2	0.24	-3.6	10.34	5.8	3.25	-0.4	1.76	-0.4	5.18	2.6	6.37	2.4	1.90	-1.1	3.29	0.8	8.01	6.3	50.69
8	5581	MARLOW	2.61	1.7	3.56	2.4	1.89	-0.1	0.46	-2.2	19.08	13.1	4.39	0.6	3.17	0.6	2.49	0.1	4.29	0.6	3.30	0.4	1.03	-0.9	5.26	3.9	51.54
8	5713	MCGEE CRE	3.65	*	4.68	*	4.26	*	0.77	*	8.19	*	6.53	*	*	*	1.80	*	4.10	*	3.98	*	5.68	*	7.17	*	*
8	6787	OSWALT	3.75	*	5.47	*	1.88	*	1.60	*	10.74	*	10.74	*	6.28	*	1.50	*	2.10	*	7.32	*	0.50	*	2.51	*	54.39
8	6926	PAULS VAL	2.72	1.4	4.91	3.4	3.43	1.1	0.94	-2.6	7.06	*	4.06	0.7	4.09	1.8	1.22	-1.1	4.74	1.1	2.50	-1.1	3.14	1.0	5.81	4.1	44.62
8	7214	PONTOTOC	*	*	4.16	2.2	2.85	-0.4	0.00	-4.1	6.10	0.4	5.49	1.9	1.60	-1.0	2.94	0.2	6.38	2.3	2.58	-1.2	*	*	5.97	4.1	*
8	8884	TISHOMING	2.93	1.4	3.45	1.4	4.29	1.1	0.39	-4.2	7.84	3.0	7.85	4.4	3.16	0.5	3.16	0.6	5.20	0.3	3.44	-0.2	4.33	1.8	6.53	4.5	52.57
8	9032	TUSSY	1.38	*	4.28	*	2.84	*	1.29	*	7.99	*	3.69	*	3.57	*	3.38	*	4.67	*	2.92	*	*	*	3.89	*	*
8	9395	WAURIKA	1.88	0.8	*	*	1.58	-0.4	0.60	-2.4	8.05	3.2	8.05	3.2	3.53	0.3	2.98	0.7	1.63	-0.9	2.78	-0.6	1.58	-1.1	4.62	4.1	*
9	0256	ANTLERS	2.20	0.0	3.02	0.3	2.99	-0.6	0.00	-5.1	7.46	1.5	3.70	-0.3	1.98	-1.2	2.86	-0.4	2.61	-2.7	4.17	0.3	7.17	4.0	6.88	3.9	45.04
9	0567	BATTIEST	1.76	*	3.91	*	3.90	*	1.00	*	6.36	*	*	*	2.10	*	2.32	*	5.20	*	5.26	*	7.86	*	*	*	*
9	0670	BENGAL	3.89	*	3.68	*	4.02	*	1.08	*	8.48	*	2.96	*	1.94	*	3.23	*	7.20	*	1.60	*	6.34	*	8.18	*	52.60
9	0980	BOSWELL	*	*	3.89	1.1	3.05	-0.3	0.21	-4.4	10.52	5.6	6.36	2.7	2.85	0.2	1.75	-0.9	3.44	-1.5	5.04	1.3	7.40	4.4	6.55	3.9	*
9	1162	BROKEN BO	2.56	-0.5	3.99	0.7	4.72	0.3	0.25	-5.1	5.33	-0.4	2.71	-1.1	2.61	-1.3	2.30	-0.7	*	*	*	*	*	*	*	*	*
9	1168	BKN BO DM	2.82	*	4.18	*	5.04	*	0.34	*	6.42	*	*	*	*	*	*	*	2.40	*	*	*	6.81	*	7.86	*	*
9	1251	BUFFALO T	4.04	*	3.57	*	4.07	*	1.12	*	8.82	*	4.78	*	4.01	*	2.98	*	3.27	*	*	*	7.67	*	*	*	*
9	1499	CARNASAW	0.87	-2.3	4.63	1.3	5.69	1.0	0.22	-5.3	5.56	-0.8	*	*	2.24	-1.9	2.38	-0.7	3.35	-1.6	*	*	8.98	4.7	*	*	*
9	1544	CARTER MT	2.79	0.1	4.31	1.0	5.74	1.2	0.42	-4.8	4.06	-1.9	3.70	-0.1	2.98	-1.4	1.58	-2.1	3.24	-1.7	*	*	7.77	4.0	*	*	*
9	3065	FANSHAWE	3.06	1.2	3.67	0.9	3.77	-0.7	1.88	-3.1	9.01	3.1	3.73	-0.5	3.09	-0.9	4.49	1.4	4.35	-0.3	1.92	-1.2	6.40	2.5	10.91	8.0	56.28
9	4008	HEAVENER	2.46	0.2	2.72	0.0	3.78	-0.4	1.00	-3.9	7.42	1.9	0.99	-3.0	4.13	0.6	6.02	2.7	3.20	-1.3	2.09	-1.2	5.93	2.2	9.73	6.5	49.48
9	4017	HEE MT TW	2.80	*	5.44	*	*	*	0.51	*	5.46	*	*	*	6.95	*	1.40	*	4.37	*	4.01	*	8.54	*	*	*	*
9	4384	HUGO	1.39	-0.8	4.15	1.4	3.49	-0.3	0.29	-4.4	4.49	-1.2	5.46	0.9	1.81	-1.2	0.55	-2.9	5.05	-0.1	4.20	0.3	6.63	3.4	6.19	3.1	43.71
9	4451	IDABEL	1.07	-2.0	5.28	1.9	5.00	0.6	0.21	-5.2	5.29	-0.4	1.97	-1.7	4.40	0.9	0.50	-2.1	3.58	-0.9	5.25	1.4	8.93	5.1	7.02	3.6	48.50
9	4560	JADIE TW	2.55	*	4.20	*	4.94	*	0.26	*	1.92	*	3.13	*	2.77	*	1.62	*	2.89	*	*	*	*	*	*	*	*
9	7254	POTEAU WW	2.87	*	3.82	*	3.59	*	1.07	*	6.91	*	4.09	*	2.42	*	5.66	*	2.90	*	1.42	*	4.21	*	9.90	*	48.87
9	8285	SMITHVILL	2.78	*	5.62	*	4.62	*	0.38	*	5.88	*	4.42	*	2.17	*	2.48	*	4.80	*	3.98	*	5.93	*	4.51	*	47.57
9	8416	SPIRO	3.15	1.3	3.06	0.4	4.31	0.2	1.87	-2.8	7.70	2.3	3.27	-0.3	*	*	2.80	0.2	3.25	-0.8	2.86	-0.4	6.72	2.9	8.35	5.6	*
9	9023	TUSKAHOMA	2.69	*	3.21	*	3.80	*	0.91	*	12.10	*	1.74	*	*	*	2.02	*	6.41	*	2.34	*	8.32	*	5.39	*	*
9	9118	VALLIANT	2.56	0.0	4.08	0.8	3.74	-0.5	1.27	-3.7	8.88	3.4	4.06	0.3	*	*	1.96	-0.8	2.79	-2.2	5.89	2.3	8.94	5.3	*	*	*
9	9985	ZOE	2.32	-0.2	2.59	-0.2	5.67	1.3	0.65	-4.4	4.71	-1.2	*	*	*	*	*	*	3.53	-1.0	1.14	*	*	*	*	*	*

MONTHLY AND ANNUAL HEATING DEGREE DAYS
BASE = 65 DEGREES FARENHEIT

CD	ID		JAN CDD	DEV	FEB HDD	DEV	MAR HDD	DEV	APR HDD	DEV	MAY HDD	DEV	JUN HDD	DEV	JUL HDD	DEV	AUG HDD	DEV	SEP HDD	DEV	OCT HDD	DEV	NOV HDD	DEV	DEC HDD	DEV	ANNUAL
1	0332	ARNETT	959	-23	608	-142	605	-9	272	24	35	-51	0	-7	0	0	5	5	5	-25	251	44	522	-56	936	74	4202
1	0593	BEAVER	941	-56	652	-101	597	-20	323	69	46	-47	2	-8	0	0	*	*	*	*	*	*	*	*	948	55	*
1	0908	BOISE CIT	946	-11	684	-64	669	21	340	14	84	-46	3	-6	0	0	10	10	25	*	228	*	611	*	952	*	4555
1	1243	BUFFALO	907	-31	587	-102	536	-4	226	32	18	-45	0	-6	0	0	1	1	11	-8	179	24	498	-42	860	38	3827
1	3407	GAGE	907	-76	619	-129	623	24	309	67	37	-50	4	4	0	0	4	4	11	-14	216	14	504	-86	895	21	4131
1	3489	GATE	920	*	600	*	580	*	231	*	40	*	0	*	0	*	0	*	7	*	237	95	508	*	879	*	4006
1	3628	GOODWELL	945	-32	646	-92	681	49	356	*	91	-27	0	*	0	0	11	11	24	-14	284	53	611	-10	999	*	4650
1	3835	GUYMON	920	*	618	*	*	*	311	*	40	*	4	*	0	*	8	*	11	*	202	*	554	*	830	*	3971
1	4298	HOOKER	961	-24	665	-80	699	78	337	63	52	-44	0	-9	0	0	9	9	17	-12	270	*	*	*	*	*	*
1	4766	KENTON	950	1	681	-58	725	74	357	29	113	-3	10	-4	1	1	15	15	*	*	307	57	*	*	960	89	*
2	0194	ALVA	969	11	587	-133	505	-52	213	-1	9	-47	0	-5	0	0	0	0	8	-12	253	99	460	-68	912	78	3918
2	0755	BILLINGS	973	*	565	*	493	*	225	*	0	*	0	*	0	*	0	*	4	*	209	*	467	*	830	*	3769
2	0818	BLACKWELL	1032	*	606	*	496	*	238	*	2	*	0	*	0	*	0	*	6	*	188	*	487	*	853	*	3910
2	1724	CHEROKEE	943	-2	509	-194	471	-61	211	15	5	-40	0	0	0	0	0	0	4	-11	158	7	462	-68	854	26	3620
2	2912	ENID	959	41	568	-112	463	-44	181	3	3	-36	0	0	0	0	0	0	5	-9	186	52	463	-31	832	35	3663
2	3304	FT SUPPLY	*	*	*	*	615	57	283	67	30	-38	0	-6	0	0	7	7	8	-16	236	72	434	-103	951	117	*
2	3358	FREEDOM	955	*	596	*	534	*	238	*	13	*	0	*	0	*	0	*	9	*	203	*	500	*	898	*	3948
2	3740	GSP DAM	*	*	587	*	481	*	214	*	5	*	0	*	0	*	0	*	3	*	202	*	467	*	*	*	*
2	4019	HELENA	1019	*	596	*	548	*	242	*	7	*	0	*	0	*	1	*	1	*	235	*	504	*	888	*	4044
2	4573	JEFFERSON	994	*	578	-133	473	*	212	14	4	-43	0	0	0	0	0	0	6	-9	173	*	462	-54	866	*	3770
2	6139	MUTUAL	1002	43	608	-114	*	*	265	35	25	-54	0	-6	0	0	3	3	8	-9	238	63	513	-39	898	55	*
2	6278	NEWKIRK	1010	29	591	-140	471	-82	219	15	4	-46	0	0	0	0	0	0	4	-17	214	57	459	-68	866	17	3840
2	7012	PERRY	*	*	609	-49	407	76	180	23	1	-37	0	0	0	0	0	0	5	-10	174	49	407	-54	*	*	*
2	7201	PONCA CIT	976	-34	554	-210	444	-136	219	-4	0	-65	0	0	0	0	0	0	9	-18	186	7	443	-109	823	-54	3654
2	9404	WAYNOKA	*	*	609	-73	528	10	237	60	18	-30	0	0	0	0	0	0	12	-4	206	48	485	-27	899	81	*
3	0535	BARNSDALL	973	*	589	*	468	*	192	*	0	*	0	*	0	*	0	*	16	*	256	*	470	*	839	*	3806
3	0548	BARTLESVI	935	-7	565	-127	447	-68	177	6	0	-36	0	0	0	0	0	0	9	-8	239	79	466	-34	823	17	3664
3	0782	BIXBY	896	-22	552	-128	417	-97	213	45	0	-43	0	0	0	0	0	0	5	-16	280	108	435	-54	658	-108	3457
3	1828	CLAREMORE	966	20	595	-111	464	-70	252	65	0	-62	0	0	0	0	0	0	0	-26	238	*	348	-150	681	-125	3546
3	1902	CLEVELAND	*	*	543	*	379	*	146	*	0	*	0	*	0	*	0	*	6	*	154	*	465	*	697	*	*
3	4567	JAY TOWER	857	*	507	*	405	*	206	*	0	*	0	*	0	*	0	*	14	*	242	*	394	*	703	*	3330
3	4672	KANSAS	862	*	536	*	444	*	203	*	0	*	0	*	0	*	0	*	13	*	254	*	450	*	759	*	3524
3	5522	MANNFORD	874	*	545	*	410	*	155	*	0	*	0	*	0	*	0	*	13	*	195	*	434	*	750	*	3378
3	5855	MIAMI	861	-77	612	-94	402	-1	192	6	0	-58	0	-7	0	0	0	0	7	-19	309	135	456	-41	746	-54	3588
3	6485	NOWATA	966	27	577	-123	445	-79	195	1	0	-46	0	0	0	0	0	0	8	-12	202	45	451	-41	812	6	3658
3	6935	PAWHUSKA	*	*	578	-122	*	*	*	*	0	-48	0	0	0	0	0	0	11	-12	232	71	472	-38	835	20	*
3	7309	PRYOR	964	31	594	-106	456	-70	238	42	0	-55	0	0	0	0	0	0	9	-15	318	151	480	-23	785	-8	3846
3	7390	RALSTON	921	*	551	*	437	*	165	*	0	*	0	*	0	*	0	*	6	*	180	*	452	*	810	*	3525
3	8380	SPAVINAW	836	*	513	*	391	*	175	*	0	*	0	*	0	*	0	*	7	*	209	*	400	*	727	*	3260
3	8992	TULSA WSO	905	-18	537	-143	413	-87	154	-14	0	-40	0	0	0	0	0	0	4	-14	*	*	382	-92	718	-62	*
3	9101	UPPER SPA	*	*	461	*	354	*	153	*	*	*	0	*	0	*	0	*	0	999	190	*	376	*	551	*	*
3	9203	VINITA	951	5	596	-110	469	-64	164	-24	0	-62	0	-7	0	0	*	*	16	-11	258	82	463	-50	824	15	*
3	9247	WAGONER	853	-17	522	-116	387	-78	158	8	0	-30	0	0	0	0	0	0	10	-7	206	65	389	-58	716	-16	3243

MONTHLY AND ANNUAL HEATING DEGREE DAYS
BASE = 65 DEGREES FARENHEIT

CD	ID		JAN CDD	DEV	FEB HDD	DEV	MAR HDD	DEV	APR HDD	DEV	MAY HDD	DEV	JUN HDD	DEV	JUL HDD	DEV	AUG HDD	DEV	SEP HDD	DEV	OCT HDD	DEV	NOV HDD	DEV	DEC HDD	DEV	ANNUAL
4	1909	CLINTON	879	-8	483	-178	456	-36	181	2	0	-41	0	0	0	0	0	0	3	-12	142	-3	423	-71	773	-4	3343
4	2849	ELK CITY	939	*	599	*	564	*	203	*	27	*	0	*	0	*	0	*	4	*	142	*	571	*	826	*	3877
4	2944	ERICK	914	46	555	-88	532	41	221	43	17	-28	0	0	0	0	0	0	1	-12	166	21	460	-37	847	81	3716
4	3497	GEARY	899	9	552	-117	513	14	205	33	7	*	0	0	0	0	0	0	8	-11	196	56	493	7	859	90	3734
4	3871	HAMMON	998	90	631	-43	595	80	292	109	46	-17	4	-2	0	0	0	0	6	-15	257	87	514	-10	891	85	4237
4	6629	OKEENE	952	65	560	-94	495	13	198	30	3	-33	0	0	0	0	0	0	2	-15	151	29	505	28	839	73	3707
4	7579	REYDON	870	*	493	*	535	*	218	*	21	*	1	*	0	*	0	*	9	*	159	*	497	*	837	*	3644
4	8708	TALOGA	929	2	593	-104	537	9	212	11	29	-26	0	0	0	0	0	0	8	-11	204	36	495	-45	871	56	3879
4	9364	WATONGA	929	*	573	*	497	*	210	*	11	*	0	*	0	*	0	*	8	*	167	*	477	*	848	*	3723
4	9422	WEATHERFO	937	57	558	-93	503	21	204	36	10	-23	0	0	0	0	1	1	2	-12	211	77	457	-25	806	37	3692
5	0830	BLANCHARD	882	*	509	*	431	*	158	*	2	*	0	*	0	*	0	*	*	*	140	*	425	*	747	*	*
5	1144	BRISTOW	863	-14	524	-109	409	-57	153	-2	0	-32	0	0	0	0	0	0	10	-12	196	60	412	-52	746	-4	3314
5	1684	CHANDLER	885	29	468	-165	417	-44	155	14	1	-30	*	*	0	0	0	0	5	-12	155	26	428	-15	758	29	*
5	1750	CHICKASHA	885	42	529	-84	449	14	167	25	2	-21	0	0	0	0	0	0	4	-9	202	74	444	-6	809	84	3492
5	2318	CUSHING	861	-75	552	-148	433	-99	193	24	0	-49	0	0	0	0	0	0	0	-20	203	53	443	-40	787	-3	3474
5	2818	EL RENO	959	66	559	-105	508	15	195	17	4	-33	0	0	0	0	0	0	12	-3	158	18	505	10	819	47	3722
5	3821	GUTHRIE	914	21	511	-153	402	-82	153	-11	0	-34	0	0	0	0	0	0	5	-10	141	2	423	-47	768	-6	3319
5	4055	HENNESSEY	998	83	567	-116	479	-33	218	34	3	-38	0	0	0	0	0	0	4	-10	180	39	493	-2	844	47	3787
5	4861	KINGFISHE	989	90	545	-121	478	-12	201	27	3	-31	0	0	0	0	0	0	7	-7	172	43	475	-8	823	45	3694
5	4862	KFISH CRK	958	*	*	*	445	*	186	*	3	*	0	*	0	*	*	*	0	*	169	*	484	*	819	*	*
5	4864	UJC KFISH	958	*	*	*	450	*	181	*	3	*	0	*	*	*	0	*	0	*	170	*	484	*	816	*	*
5	5779	MEEKER	878	-6	533	-114	426	-48	170	12	0	-35	0	0	0	0	0	0	9	-7	180	30	429	-41	742	-8	3370
5	6638	OKEMAH	874	34	537	-76	430	-19	171	35	1	-26	0	0	0	0	0	0	4	-12	191	66	439	10	736	23	3385
5	6661	OKC WSFO	924	22	527	-151	450	-56	179	-5	3	-37	0	0	0	0	0	0	2	-12	159	14	411	-74	735	-43	3392
5	7327	PURCELL	881	10	514	-124	446	-29	175	21	0	-35	0	0	0	0	0	0	6	-6	171	36	436	-30	760	16	3391
5	8042	SEMINOLE	807	4	455	-119	380	-31	138	6	0	-23	0	0	0	0	0	0	0	-9	137	37	376	-27	695	13	2990
5	8501	STILLWATE	968	47	594	-92	465	-50	211	28	0	-48	*	*	0	0	0	0	5	-12	217	59	447	-35	808	27	*
6	2993	EUFAULA	767	*	497	*	377	*	141	*	0	*	0	*	0	*	0	*	3	*	175	*	378	*	668	*	3008
6	3884	HANNA	817	*	493	*	403	*	163	*	0	*	0	*	0	*	0	*	6	*	193	*	416	*	691	*	3185
6	4235	HOLDENVIL	741	-71	497	-96	420	-10	153	22	0	-23	0	0	0	0	0	0	5	-6	184	69	409	-4	708	23	3118
6	4975	LAKE EUFA	*	*	505	*	362	*	172	*	0	*	0	*	0	*	*	*	*	*	*	*	*	*	652	*	*
6	5664	MCALESTER	768	-66	477	-136	400	-41	168	24	0	-34	0	0	0	0	0	0	9	-7	177	44	374	-59	650	-62	3026
6	5693	MCCURTAIN	737	*	473	*	349	*	145	*	0	*	0	*	0	*	0	*	6	*	156	*	340	*	655	*	2863
6	6130	MUSKOGEE	813	-32	503	-116	370	-78	160	22	0	-32	0	0	0	0	0	0	6	-10	174	34	383	-63	673	-49	3085
6	6670	OKMULGEE	858	2	553	-63	428	-20	175	44	0	-30	0	0	*	*	*	*	*	*	253	115	458	26	734	18	*
6	7862	SALLISAW	794	-31	*	*	407	-35	165	35	0	-25	0	0	0	0	0	0	11	1	212	86	403	-31	695	-11	*
6	8506	STILWELL	833	*	548	*	435	*	199	*	0	*	0	*	0	*	0	*	16	*	228	*	428	*	736	*	3426
6	8677	TAHLEQUAH	833	-35	527	-114	399	-80	175	12	0	-56	0	0	0	0	0	0	15	-9	248	79	451	-24	777	27	3427
6	9445	WEBBERS F	816	-85	428	-250	402	-99	202	31	0	-36	0	0	0	0	0	0	4	-11	232	80	393	-78	701	-62	3179

MONTHLY AND ANNUAL HEATING DEGREE DAYS
BASE = 65 DEGREES FARENHEIT

CD	ID		JAN CDD	DEV	FEB HDD	DEV	MAR HDD	DEV	APR HDD	DEV	MAY HDD	DEV	JUN HDD	DEV	JUL HDD	DEV	AUG HDD	DEV	SEP HDD	DEV	OCT HDD	DEV	NOV HDD	DEV	DEC HDD	DEV	ANNUAL
7	0179	ALTUS IRR	787	-9	474	-103	421	14	174	50	0	-18	0	0	0	0	0	0	2	-4	87	-20	351	-63	779	91	3076
7	0184	ALTUS DAM	*	*	510	*	473	*	208	*	7	*	0	*	*	*	0	*	0	*	147	*	403	*	763	*	*
7	0224	ANADARKO	931	75	505	-117	436	-8	177	35	4	-22	0	0	0	0	0	0	7	-6	174	47	413	-46	729	-9	3378
7	1504	CARNEGIE	952	93	526	-101	466	11	178	28	2	-21	0	0	0	0	0	0	6	-8	145	19	429	-35	799	58	3505
7	1706	CHATTANOO	832	26	477	-103	450	38	176	47	0	-18	0	0	0	0	0	0	0	-8	98	-3	402	-20	707	6	3144
7	3353	FREDERICK	858	102	497	-52	443	66	175	70	9	-5	0	0	0	0	0	0	0	-7	122	29	398	9	737	80	3242
7	4204	HOBART	857	-35	518	-148	478	-19	184	4	8	-31	1	1	0	0	0	0	3	-12	153	11	425	-70	791	13	3421
7	4249	HOLLIS	793	-15	493	-87	419	6	186	64	15	-3	0	0	0	0	0	0	0	-6	109	-13	410	-27	697	-9	3125
7	5063	LAWTON	881	69	516	-79	460	36	172	45	5	-16	*	*	0	0	0	0	1	-5	149	34	411	-16	746	39	*
7	5509	MANGUM RS	884	66	519	-72	435	9	166	26	0	-24	0	0	0	0	0	0	0	-6	105	-13	426	-18	800	84	3337
7	9278	WALTERS	831	53	452	-108	413	20	148	24	0	-17	0	0	0	0	0	0	1	-12	108	-8	369	-46	*	*	*
7	9629	WICHITA M	910	67	587	-35	548	91	211	63	12	-17	0	0	0	0	*	*	1	-12	*	*	*	*	728	-9	*
8	0017	ADA	814	27	501	-67	393	-20	171	40	0	-23	0	0	0	0	0	0	4	-8	164	45	388	-15	680	13	3117
8	0292	ARDMORE	733	35	434	-67	*	*	129	48	0	-7	0	0	0	0	0	0	1	1	107	38	350	20	648	65	*
8	0394	ATOKA DAM	732	*	461	*	394	*	165	*	0	*	0	*	0	*	0	*	0	*	171	*	370	*	687	*	2982
8	1437	CANEY	697	*	457	*	362	*	126	*	0	*	0	*	0	*	0	*	0	*	*	*	380	*	*	*	*
8	1745	CHICKASAW	817	*	498	*	407	*	193	*	2	*	0	*	0	*	0	*	5	*	179	*	400	*	715	*	3219
8	2678	DURANT	711	*	453	*	367	*	133	*	0	*	0	*	0	*	0	*	3	*	186	*	362	*	648	*	2865
8	4001	HEALDTON	794	*	472	*	406	*	156	*	0	*	0	*	0	*	0	*	2	*	150	*	398	*	601	*	2983
8	5216	LINDSAY	801	*	510	*	433	*	167	*	0	*	*	*	0	*	0	*	3	*	*	*	427	*	748	*	*
8	5468	MADILL	714	-29	434	-106	388	10	126	19	0	-13	0	0	0	0	0	0	1	-6	128	35	368	2	634	8	2794
8	5563	MARIETTA	723	-14	424	-112	360	-10	122	12	0	-15	0	0	0	0	0	0	0	-10	102	10	343	-28	637	11	2714
8	5581	MARLOW	844	*	490	*	430	*	170	*	3	*	0	*	0	*	0	*	2	*	138	*	412	*	748	*	3240
8	5713	MCGEE CRE	690	*	380	*	371	*	163	*	0	*	0	*	*	*	0	*	0	*	156	*	374	*	632	*	*
8	6926	PAULS VAL	833	33	502	-72	419	14	167	49	0	*	0	0	0	0	0	0	6	-3	147	42	409	-4	718	30	3202
8	9395	WAURIKA	778	34	*	*	387	23	134	30	0	-13	0	-13	0	0	0	0	0	0	100	-6	361	6	653	-18	*
9	0256	ANTLERS	631	-138	433	-130	348	-50	153	32	0	-26	0	0	0	0	0	0	6	-2	160	36	334	-66	563	-97	2629
9	0567	BATTIEST	726	*	478	*	385	*	*	*	1	*	*	*	0	*	0	*	6	*	*	*	411	*	*	*	*
9	0980	BOSWELL	*	*	426	*	350	*	142	*	0	*	0	*	0	*	0	*	1	*	152	*	322	*	604	*	*
9	1168	BKN BO DM	727	*	483	*	383	*	155	*	0	*	*	*	*	*	*	*	0	*	*	*	*	*	607	*	*
9	4384	HUGO	655	-49	427	-86	347	0	122	28	0	-9	0	0	0	0	0	0	0	0	121	27	324	-33	582	-16	2580
9	4451	IDABEL	699	-13	451	-73	345	-18	151	43	0	-15	0	0	0	0	0	0	0	-6	163	48	352	-28	589	-30	2752
9	7254	POTEAU WW	736	*	526	*	443	*	180	*	0	*	0	*	0	*	0	*	9	*	219	*	427	*	667	*	3210
9	8285	SMITHVILL	749	*	523	*	470	*	228	*	1	*	0	*	0	*	0	*	14	*	213	*	475	*	688	*	3364
9	9023	TUSKAHOMA	731	*	455	*	379	*	169	*	0	*	0	*	*	*	*	*	11	*	183	*	379	*	642	*	*

MONTHLY AND ANNUAL COOLING DEGREE DAYS
BASE = 65 DEGREES FARENHEIT

CD	ID		JAN CDD	JAN DEV	FEB CDD	FEB DEV	MAR CDD	MAR DEV	APR CDD	APR DEV	MAY CDD	MAY DEV	JUN CDD	JUN DEV	JUL CDD	JUL DEV	AUG CDD	AUG DEV	SEP CDD	SEP DEV	OCT CDD	OCT DEV	NOV CDD	NOV DEV	DEC CDD	DEC DEV	ANNUAL
1	0332	ARNETT	0	0	0	0	0	-6	28	8	114	-13	290	-38	381	-109	391	-51	135	-72	2	-43	9	9	0	0	1353
1	0593	BEAVER	0	0	0	0	0	-6	20	3	92	-41	313	-33	418	-94	*	*	*	*	*	*	*	*	0	0	*
1	0908	BOISE CIT	0	0	0	0	0	0	4	-4	41	-33	222	-42	377	-25	303	-29	*	*	11	*	0	*	0	*	*
1	1243	BUFFALO	0	0	0	0	0	-14	56	21	161	-9	378	-29	479	-91	500	-20	195	-70	18	-46	10	10	0	0	1800
1	3407	GAGE	0	0	0	0	0	-7	34	16	134	0	314	-39	406	-106	431	-37	165	-49	22	-15	12	12	0	0	1511
1	3489	GATE	0	*	0	*	0	*	51	*	119	*	311	*	451	*	414	*	159	*	22	*	9	*	0	*	1546
1	3628	GOODWELL	0	0	0	0	0	-6	10	*	43	-65	237	*	343	-103	345	-38	83	-91	1	-25	0	0	0	*	1064
1	3835	GUYMON	0	*	0	*	0	*	22	*	98	*	252	*	386	*	374	*	*	*	23	*	3	*	0	*	*
1	4298	HOOKER	0	0	0	0	0	-7	24	11	81	-28	271	-56	399	-74	362	-46	118	-58	5	*	*	*	*	*	*
1	4766	KENTON	0	0	0	0	0	0	7	-3	21	-47	202	-72	363	-59	279	-77	*	*	0	-17	*	*	0	0	*
2	0194	ALVA	0	0	0	0	2	-10	63	32	184	31	386	-11	476	-94	478	-49	183	-82	13	-51	13	13	0	0	1801
2	0755	BILLINGS	0	*	0	*	0	*	41	*	170	*	396	*	462	*	490	*	177	*	3	*	16	*	0	*	1758
2	0818	BLACKWELL	0	*	0	*	0	*	62	*	224	*	381	*	476	*	528	*	237	*	3	*	11	*	0	*	1925
2	1724	CHEROKEE	0	0	0	0	0	-12	72	32	224	64	432	15	542	-38	581	48	253	-16	16	-48	0	0	0	0	2122
2	2912	ENID	0	0	0	0	0	-14	82	42	235	71	410	5	496	-78	555	25	234	-45	14	-55	11	11	0	0	2038
2	3304	FT SUPPLY	0	0	0	0	0	-15	33	-2	109	-37	281	-81	369	-152	392	-85	133	-108	4	-44	6	6	0	0	1329
2	3358	FREEDOM	0	*	0	*	0	*	57	*	160	*	337	*	463	*	483	*	189	*	12	*	14	*	0	*	1717
2	3740	GSP DAM	*	*	0	*	0	*	53	*	215	*	399	*	482	*	514	*	209	*	2	*	16	*	*	*	*
2	4019	HELENA	0	*	0	*	0	*	28	*	151	*	343	*	448	*	470	*	186	*	3	*	10	*	0	*	1641
2	4573	JEFFERSON	0	*	0	0	0	*	70	34	235	73	420	9	516	-61	571	41	229	-43	11	*	19	19	0	*	2073
2	6139	MUTUAL	0	0	0	0	*	*	23	-2	120	-25	309	-62	419	-127	435	-60	155	-82	2	-46	7	7	0	0	*
2	6278	NEWKIRK	0	0	0	0	0	-11	76	37	224	73	377	2	468	-75	498	-0	223	-32	3	-58	16	16	0	0	1887
2	7012	PERRY	*	*	0	0	0	-15	99	47	268	96	399	6	515	-48	574	44	269	-22	26	-52	23	23	*	*	*
2	7201	PONCA CIT	0	0	0	0	2	-5	67	36	268	120	416	50	547	1	568	50	240	-6	14	-37	14	14	0	0	2138
2	9404	WAYNOKA	*	*	0	0	0	-16	56	20	164	-10	348	-57	471	-103	512	-18	183	-84	8	-62	16	16	0	0	*
3	0535	BARNSDALL	0	*	0	*	0	*	51	*	208	*	338	*	440	*	499	*	167	*	6	*	14	*	0	*	1725
3	0548	BARTLESVI	0	0	0	0	1	-13	87	42	252	102	384	24	480	-47	510	26	184	-68	11	-43	17	17	0	0	1926
3	0782	BIXBY	0	0	0	0	0	-12	44	8	221	66	359	-2	390	-131	482	8	182	-70	1	-68	10	10	0	0	1692
3	1828	CLAREMORE	0	0	0	0	0	-9	34	0	210	58	357	18	560	45	528	54	414	157	13	*	19	19	0	0	2137
3	1902	CLEVELAND	*	*	0	*	0	*	81	*	213	*	362	*	477	*	492	*	221	*	11	*	16	*	0	*	*
3	4567	JAY TOWER	0	*	0	*	1	*	75	*	276	*	349	*	455	*	525	*	188	*	2	*	13	*	0	*	1887
3	4672	KANSAS	0	*	0	*	1	*	67	*	216	*	309	*	406	*	495	*	164	*	6	*	7	*	0	*	1674
3	5522	MANNFORD	0	*	0	*	2	*	91	*	238	*	332	*	451	*	511	*	161	*	17	*	23	*	0	*	1829
3	5855	MIAMI	0	0	0	0	1	-8	48	9	223	75	339	-4	430	-68	462	0	123	-132	2	-60	8	8	0	0	1639
3	6485	NOWATA	0	0	0	0	0	-10	70	29	209	64	364	15	454	-76	488	-2	173	-85	8	-50	12	12	0	0	1780
3	6935	PAWHUSKA	*	*	0	0	*	*	*	*	232	85	350	2	446	-74	489	8	191	-61	13	-40	20	20	0	0	*
3	7309	PRYOR	0	0	0	0	0	-15	31	-14	186	35	337	-9	414	-101	456	-18	138	-114	1	-54	6	6	0	0	1572
3	7390	RALSTON	0	*	0	*	0	*	83	*	275	*	402	*	487	*	546	*	220	*	13	*	22	*	0	*	2050
3	8380	SPAVINAW	0	*	0	*	0	*	81	*	284	*	368	*	465	*	523	*	216	*	15	*	15	*	0	*	1969
3	8992	TULSA WSO	0	0	0	0	10	-4	101	56	304	137	428	47	507	-56	587	69	241	-41	*	*	20	20	0	0	*
3	9101	UPPER SPA	*	*	0	*	4	*	72	*	*	*	474	*	613	*	588	*	240	*	7	*	23	*	0	*	*
3	9203	VINITA	0	0	0	0	0	-10	64	34	243	100	334	-2	363	-136	*	*	170	-75	9	-48	8	8	0	0	*
3	9247	WAGONER	0	0	0	0	4	-11	86	38	271	110	368	2	479	-59	548	49	204	-79	18	-64	13	13	0	0	1995

MONTHLY AND ANNUAL COOLING DEGREE DAYS
BASE = 65 DEGREES FARENHEIT

CD	ID		JAN CDD	DEV	FEB CDD	DEV	MAR CDD	DEV	APR CDD	DEV	MAY CDD	DEV	JUN CDD	DEV	JUL CDD	DEV	AUG CDD	DEV	SEP CDD	DEV	OCT CDD	DEV	NOV CDD	DEV	DEC CDD	DEV	ANNUAL
4	1909	CLINTON	0	0	0	0	0	-13	69	22	254	89	410	8	517	-50	562	35	242	-32	17	-41	9	9	0	0	2081
4	2849	ELK CITY	0	*	0	*	0	*	30	*	138	*	297	*	406	*	461	*	196	*	19	*	0	*	0	*	1549
4	2944	ERICK	0	0	0	0	0	-11	45	5	157	3	308	-76	452	-72	453	-30	167	-89	20	-24	8	8	0	0	1612
4	3497	GEARY	0	0	0	0	0	-12	61	18	197	*	343	-40	423	-135	483	-40	170	-113	8	-58	6	6	0	0	1693
4	3871	HAMMON	0	0	0	0	0	-16	13	-29	97	-68	246	-15	375	-183	451	-47	164	-82	1	-54	8	8	0	0	1358
4	6629	OKEENE	0	0	0	0	0	-14	76	28	222	46	403	-16	483	-103	541	-1	227	-68	12	-61	10	10	0	0	1977
4	7579	REYDON	0	*	0	*	0	*	58	*	158	*	316	*	435	*	457	*	182	*	23	*	13	*	0	*	1643
4	8708	TALOGA	0	0	0	0	0	-10	49	19	167	21	359	-16	456	-77	467	-19	190	-57	14	-30	7	7	0	0	1711
4	9364	WATONGA	0	*	0	*	0	*	65	*	210	*	346	*	460	*	496	*	202	*	11	*	10	*	0	*	1803
4	9422	WEATHERFO	0	0	0	0	0	-14	62	20	204	37	340	-58	451	-107	495	-19	199	-76	3	-60	8	8	0	0	1764
5	0830	BLANCHARD	0	*	0	*	0	*	89	*	230	*	347	*	435	*	571	*	*	*	29	*	15	*	0	*	*
5	1144	BRISTOW	0	0	0	0	2	-15	87	24	270	111	381	15	476	-57	540	38	195	-87	20	-64	16	11	0	0	1989
5	1684	CHANDLER	0	0	0	0	2	-14	89	38	259	96	*	*	457	-94	549	28	223	-68	23	-53	17	17	0	0	*
5	1750	CHICKASHA	0	0	0	0	0	-19	51	-10	241	55	357	-57	454	-104	523	21	199	-80	14	-57	14	14	0	0	1856
5	2318	CUSHING	0	0	0	0	3	-13	80	49	221	63	373	11	449	-90	518	10	*	*	6	-62	15	15	0	0	*
5	2818	EL RENO	0	0	0	0	0	-13	71	28	216	64	336	-36	448	-95	451	-54	211	-56	14	-45	2	2	0	0	1750
5	3821	GUTHRIE	0	0	0	0	2	-11	103	53	292	125	395	8	506	-54	580	50	249	-38	26	-50	19	19	0	0	2175
5	4055	HENNESSEY	0	0	0	0	0	-13	59	19	239	67	366	-38	461	-119	524	-11	215	-65	7	-65	12	12	0	0	1886
5	4861	KINGFISHE	0	0	0	0	0	-12	61	13	217	46	337	-71	463	-117	511	-28	213	-77	10	-53	14	14	0	0	1827
5	4862	KFISH CRK	0	*	*	*	0	*	47	*	216	*	*	*	454	*	*	*	206	*	2	*	14	*	0	*	*
5	4864	UJC KFISH	0	*	*	*	0	*	47	*	214	*	*	*	*	*	493	*	204	*	10	*	14	*	0	*	*
5	5779	MEEKER	0	0	0	0	0	-13	91	44	219	60	*	-1	456	-80	539	*	202	-76	21	-52	14	14	0	0	*
5	6638	OKEMAH	0	0	0	0	0	-18	79	39	215	61	337	-26	446	-84	516	14	203	-86	*	-68	8	8	0	0	*
5	6661	OKC WSFO	0	0	0	0	0	-13	88	48	254	107	378	18	450	-79	556	57	240	-23	24	-36	14	14	0	0	2006
5	7327	PURCELL	0	0	0	0	0	-23	62	7	231	56	348	-41	428	-124	521	-3	210	-78	25	-45	8	8	0	0	1835
5	8042	SEMINOLE	0	0	0	0	3	-17	91	13	277	86	397	-8	511	-68	600	54	265	-51	24	-64	14	9	0	0	2184
5	8501	STILLWATE	0	0	0	0	0	-12	54	9	222	68	*	*	441	-88	495	-0	192	-68	9	-52	18	18	0	0	*
6	2993	EUFAULA	0	*	0	*	3	*	91	*	267	*	387	*	498	*	362	*	224	*	27	*	11	*	0	*	1872
6	3884	HANNA	0	*	0	*	2	*	73	*	243	*	338	*	455	*	557	*	207	*	24	*	8	*	0	*	1909
6	4235	HOLDENVIL	0	0	0	-8	0	-18	71	24	232	63	294	-80	437	-109	532	8	211	-87	19	-68	11	11	0	0	1809
6	4975	LAKE EUFA	*	*	0	*	3	*	78	*	241	*	357	*	445	*	*	*	*	*	*	*	*	*	0	*	*
6	5664	MCALESTER	0	0	0	0	6	-11	81	30	261	87	378	-5	431	-143	575	57	226	-65	28	-50	16	9	0	0	2004
6	5693	MCCURTAIN	0	*	0	*	8	*	98	*	288	*	370	*	486	*	587	*	229	*	38	*	19	*	0	*	2124
6	6130	MUSKOGEE	0	0	0	0	11	-5	86	38	295	123	389	14	496	-49	565	53	220	-73	12	-62	8	8	0	0	2085
6	6670	OKMULGEE	0	0	0	0	2	-21	55	5	219	56	361	-7	*	*	*	*	*	*	5	-73	5	5	0	0	*
6	7862	SALLISAW	0	0	0	0	5	-13	56	10	235	65	351	-20	465	-65	548	52	208	-78	12	-64	5	0	0	0	1887
6	8506	STILWELL	0	*	0	*	3	*	54	*	217	*	319	*	411	*	497	*	147	*	15	*	10	*	0	*	1675
6	8677	TAHLEQUAH	0	0	0	0	3	-12	58	12	241	86	329	-4	434	-53	496	34	161	-99	8	-64	6	1	0	0	1739
6	9445	WEBBERS F	0	0	0	0	3	-7	37	-2	238	78	348	-14	446	-83	512	25	170	-99	2	-56	13	13	0	0	1772

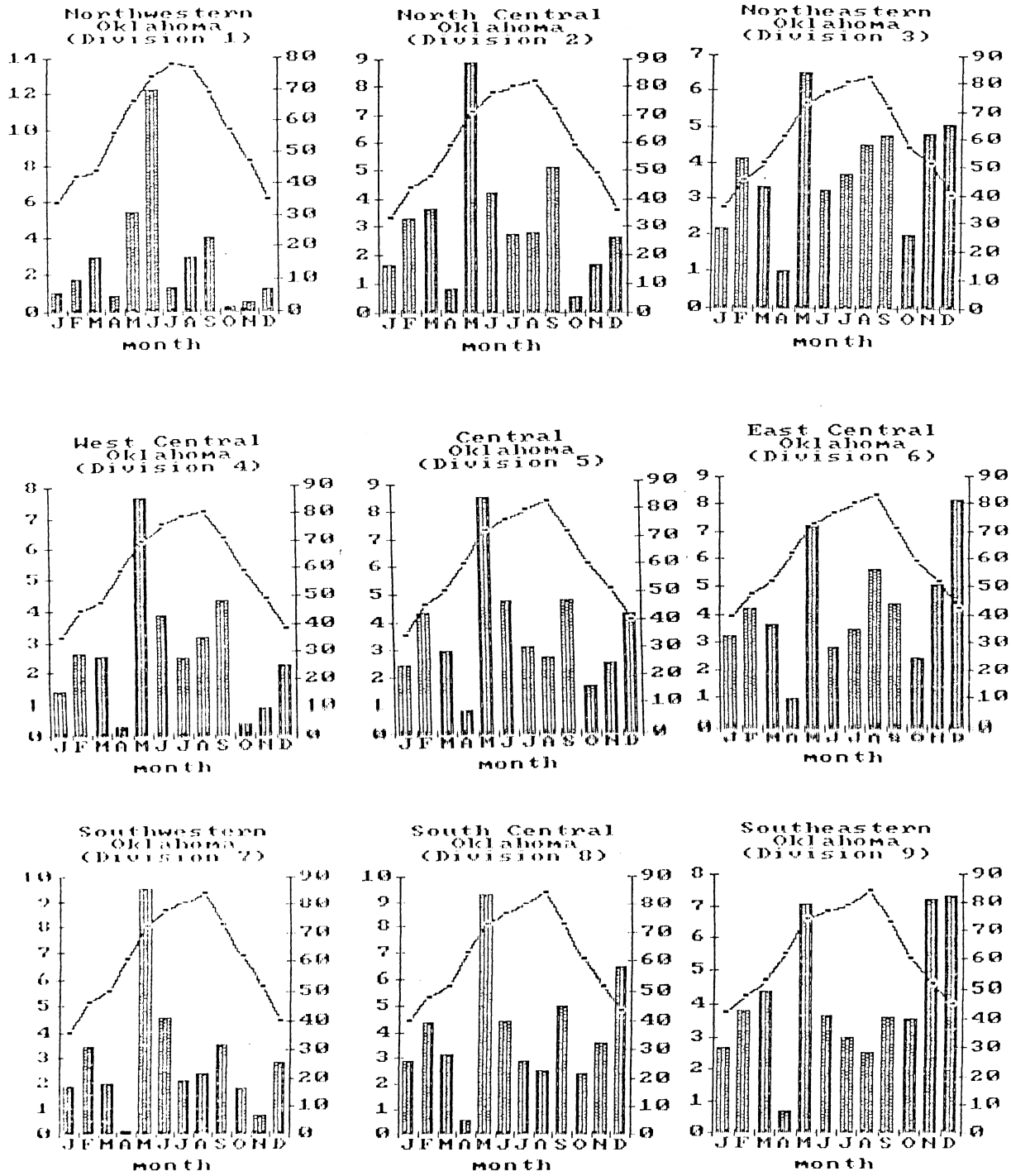
MONTHLY AND ANNUAL COOLING DEGREE DAYS
BASE = 65 DEGREES FARENHEIT

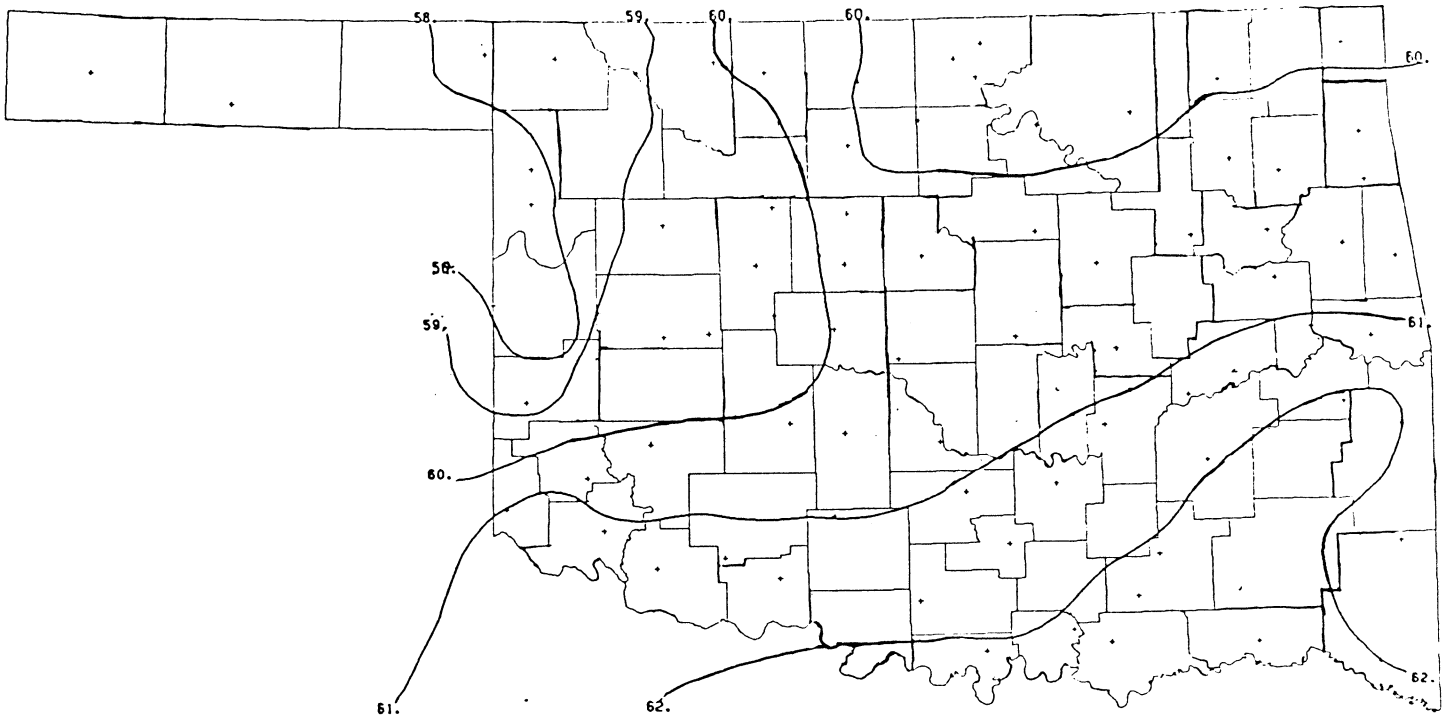
CD	ID		JAN CDD	JAN DEV	FEB CDD	FEB DEV	MAR CDD	MAR DEV	APR CDD	APR DEV	MAY CDD	MAY DEV	JUN CDD	JUN DEV	JUL CDD	JUL DEV	AUG CDD	AUG DEV	SEP CDD	SEP DEV	OCT CDD	OCT DEV	NOV CDD	NOV DEV	DEC CDD	DEC DEV	ANNUAL
7	0179	ALTUS IRR	0	0	0	0	0	-19	87	14	255	33	407	-57	538	-69	623	62	281	-38	30	-65	12	12	0	0	2235
7	0184	ALTUS DAM	*	*	0	*	1	*	54	*	213	*	386	*	*	*	545	*	245	*	21	*	14	*	0	*	*
7	0224	ANADARKO	0	0	0	0	0	-13	42	-9	203	22	347	-58	435	-129	527	1	205	-93	17	-50	12	12	0	0	1791
7	1504	CARNEGIE	0	0	0	0	0	-14	63	9	234	55	368	-58	480	-100	553	17	220	-76	33	-38	12	12	0	0	1964
7	1706	CHATTANOO	0	0	0	0	0	-19	58	-5	248	50	416	-30	507	-90	594	27	274	-54	49	-29	10	10	0	0	2159
7	3353	FREDERICK	0	0	0	-10	0	-29	78	-8	220	-21	406	-74	518	-127	567	-41	256	-98	24	-88	16	11	0	0	2087
7	4204	HOBART	0	0	0	0	0	-10	50	11	237	71	359	-57	457	-117	532	2	240	-39	33	-27	8	8	0	0	1919
7	4249	HOLLIS	0	0	0	0	0	-20	43	-24	217	-13	404	-76	469	-148	508	-61	252	-62	10	-68	6	6	0	0	1912
7	5063	LAWTON	0	0	0	0	0	-21	71	13	234	39	*	*	484	-96	533	-16	226	-83	25	-59	7	7	0	0	*
7	5509	MANGUM RS	0	0	0	0	0	-20	52	-19	226	16	363	-81	499	-87	554	8	264	-39	51	-30	4	4	0	0	2014
7	9278	WALTERS	0	0	0	0	0	-24	67	-15	286	67	405	-44	488	-117	557	-22	263	-86	36	-73	14	8	0	0	2119
7	9629	WICHITA M	0	0	0	0	0	-20	41	-10	152	-7	272	-109	393	-153	*	*	211	-63	*	*	*	*	0	0	*
8	0017	ADA	0	0	0	0	1	-22	89	33	233	65	365	-16	455	-93	562	44	239	-60	12	-88	13	5	0	0	1971
8	0292	ARDMORE	0	0	0	-9	*	*	120	33	271	35	381	-77	482	-132	585	-3	272	-98	37	-90	16	7	0	0	*
8	0394	ATOKA DAM	0	*	0	*	4	*	91	*	241	*	349	*	444	*	584	*	265	*	4	*	8	*	0	*	1992
8	1437	CANEY	0	*	0	*	2	*	66	*	228	*	374	*	444	*	568	*	233	*	5	*	7	*	0	*	1930
8	1745	CHICKASAW	0	*	0	*	2	*	68	*	211	*	330	*	433	*	545	*	204	*	13	*	13	*	0	*	1822
8	2678	DURANT	0	*	0	*	6	*	83	*	294	*	364	*	443	*	529	*	220	*	10	*	6	*	0	*	1957
8	4001	HEALDTON	0	*	0	*	0	*	80	*	237	*	334	*	*	*	565	*	247	*	36	*	11	*	0	*	*
8	5216	LINDSAY	0	*	0	*	0	*	56	*	243	*	*	*	460	*	534	*	236	*	*	*	5	*	0	*	*
8	5468	MADILL	0	0	0	-5	3	-21	108	46	257	61	366	-50	478	-102	569	8	256	-77	52	-49	12	6	0	0	2105
8	5563	MARIETTA	0	0	0	-6	4	-20	112	47	283	88	384	-26	518	-58	611	56	285	-51	49	-56	15	7	0	0	2264
8	5581	MARLOW	0	*	0	*	0	*	85	*	242	*	362	*	457	*	554	*	240	*	31	*	5	*	0	*	1978
8	5713	MCGEE CRE	0	*	0	*	2	*	73	*	275	*	360	*	*	*	575	*	251	*	6	*	10	*	0	*	*
8	6926	PAULS VAL	0	0	0	0	0	-20	69	2	253	*	358	-77	450	-142	552	-8	232	-94	32	-51	13	13	0	0	1961
8	9395	WAURIKA	0	0	*	*	0	-30	86	-3	269	42	395	-57	521	-90	609	26	289	-62	51	-57	18	11	0	0	*
9	0256	ANTLERS	0	0	0	0	3	-17	74	25	272	98	349	-25	471	-56	578	79	252	-38	14	-63	4	4	0	0	2020
9	0567	BATTIEST	0	*	0	*	0	*	*	*	217	*	*	*	411	*	516	*	222	*	6	*	0	*	*	*	*
9	0980	BOSWELL	*	*	0	*	2	*	78	*	234	*	372	*	456	*	552	*	254	*	27	*	16	*	0	*	*
9	1168	BKN BO DM	0	*	0	*	0	*	54	*	265	*	*	*	*	*	*	*	280	*	*	*	*	*	0	*	*
9	4384	HUGO	0	0	0	-6	3	-20	103	36	291	86	396	-15	489	-69	618	85	317	-10	21	-80	10	1	0	0	2251
9	4451	IDABEL	0	0	0	0	1	-19	49	-5	281	95	377	-9	445	-78	576	71	276	-27	7	-80	5	-2	0	0	2019
9	7254	POTEAU WW	0	*	0	*	9	*	54	*	254	*	353	*	450	*	532	*	188	*	5	*	1	*	0	*	1848
9	8285	SMITHVILL	0	*	0	*	0	*	43	*	*	*	295	*	384	*	*	*	204	*	13	*	1	*	0	*	*
9	9023	TUSKAHOMA	0	*	0	*	1	*	77	*	243	*	331	*	*	*	567	*	224	*	28	*	5	*	0	*	*

STATE SUMMARY BY CLIMATE DIVISION

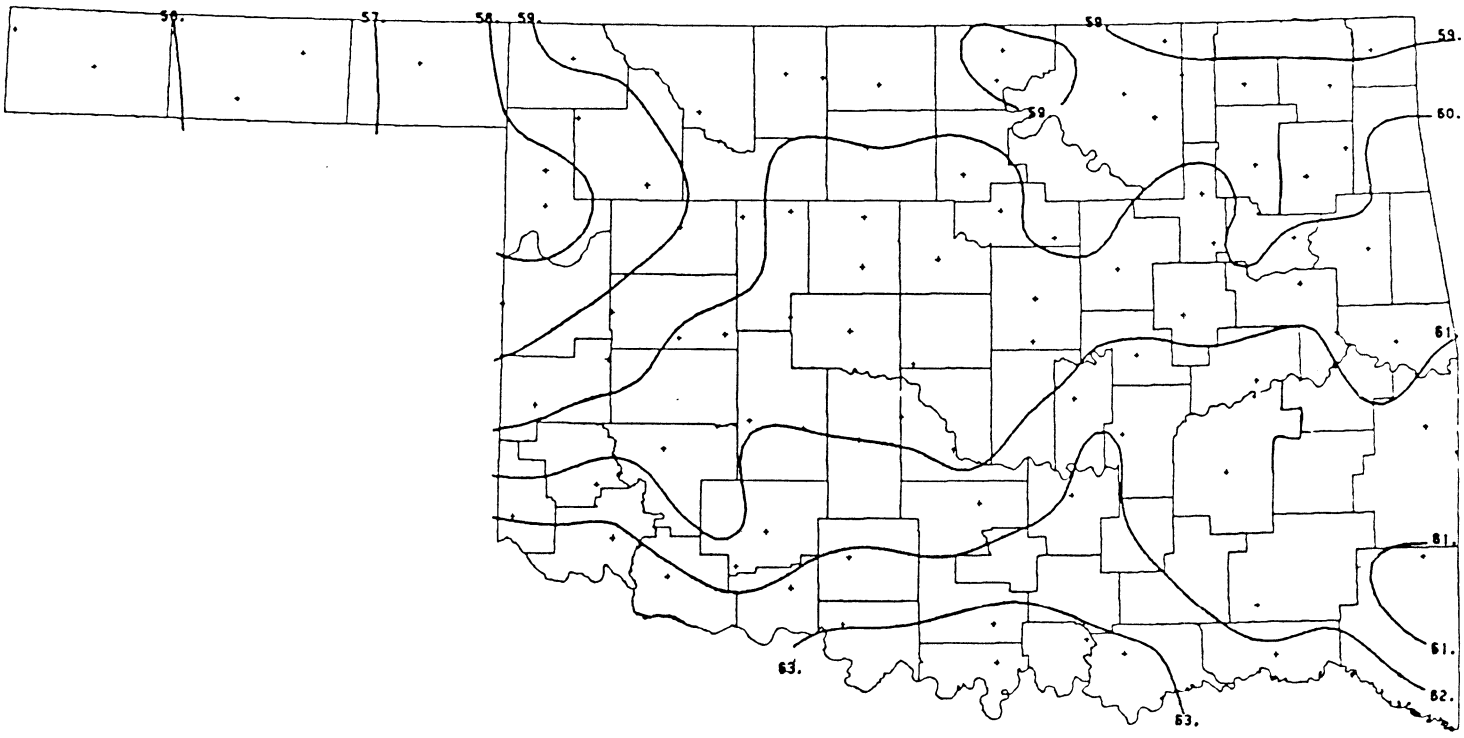
CLIMATE DIVISION	TEMP ANNUAL	PRECIP ANNUAL	CDD ANNUAL	HDD ANNUAL
1	57.0	29.50	1455	4191
2	59.3	40.69	1857	3813
3	60.2	46.26	1836	3525
4	59.3	31.94	1719	3755
5	60.8	42.01	1945	3444
6	61.5	51.96	1887	3146
7	61.4	36.77	2022	3278
8	62.2	48.35	1998	3013
9	62.3	48.85	2034	2907

The verticle bars and left axis represent inches of precipitation during a month. The curved line and right axis represent mean monthly temperatures in degrees Fahrenheit.

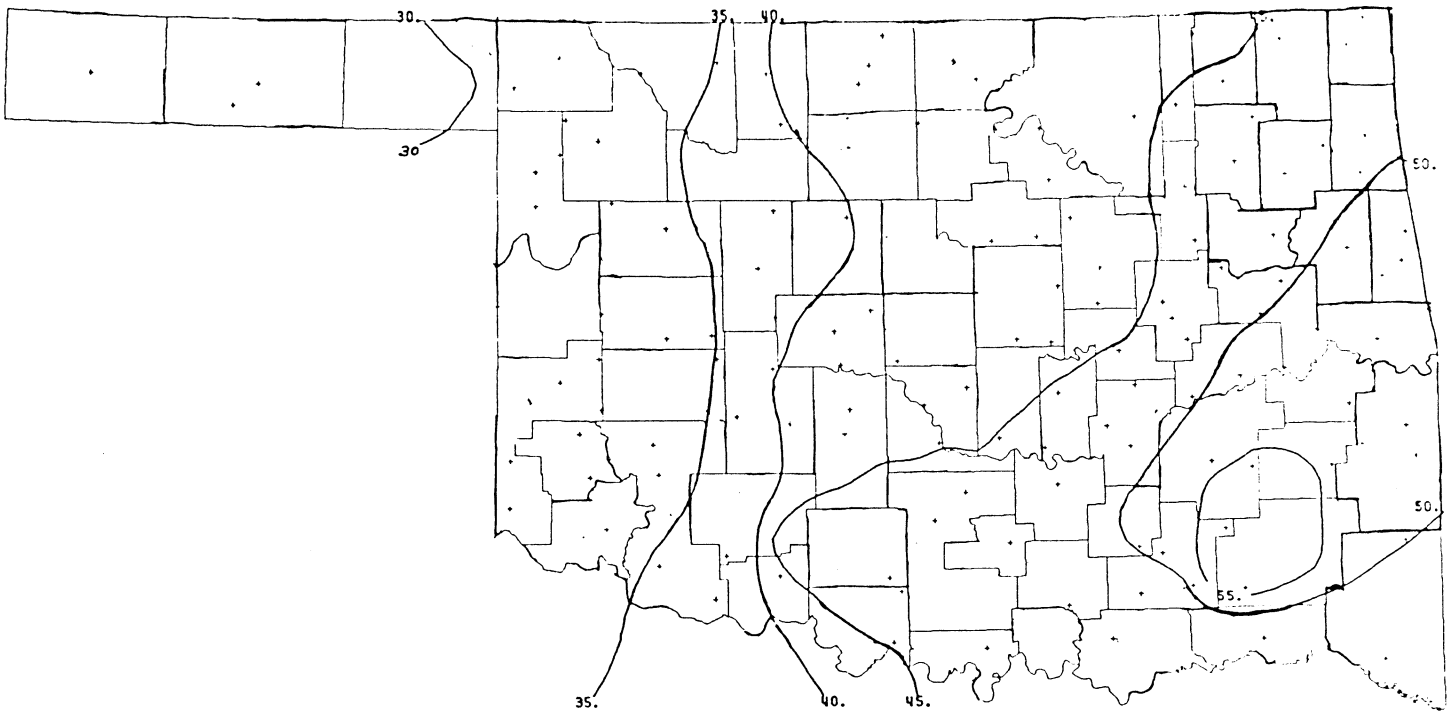




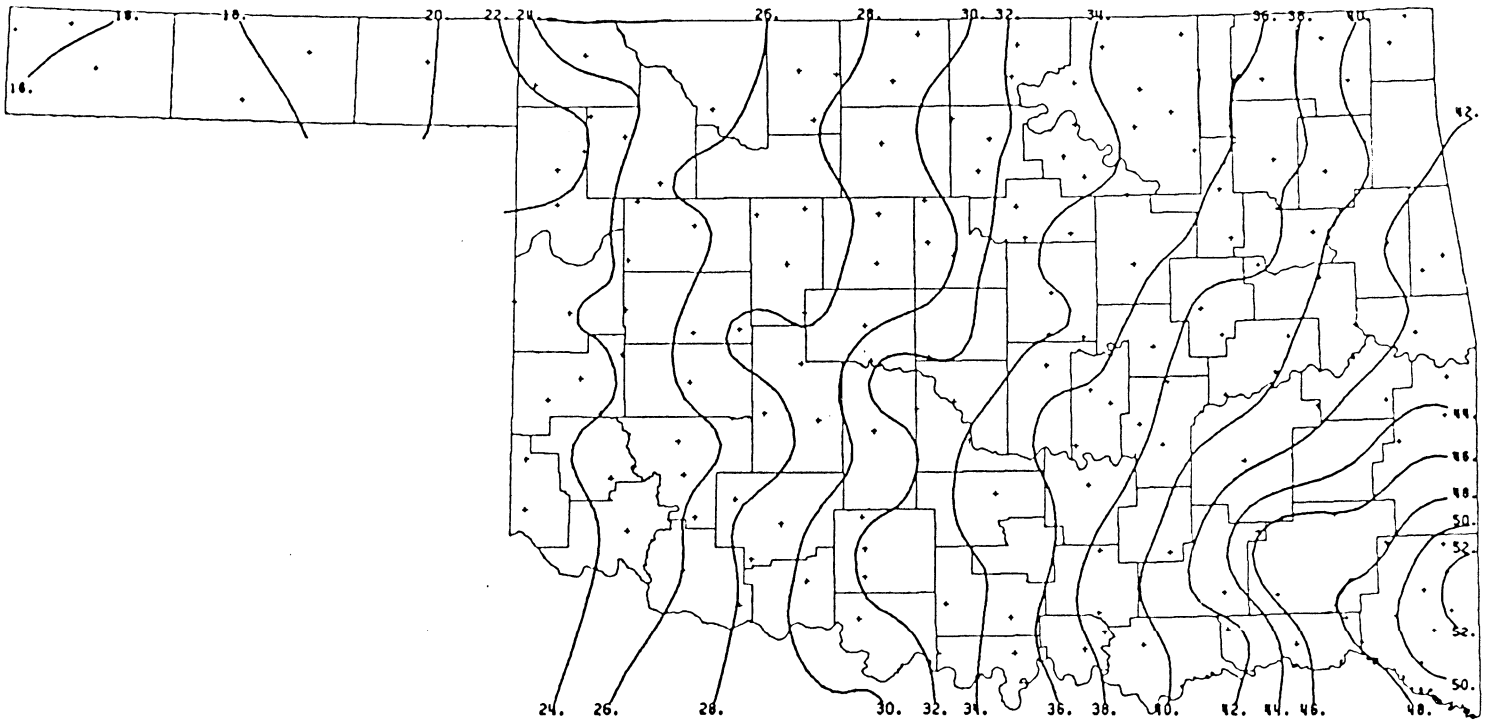
1987 MEAN ANNUAL TEMPERATURE (DEGREES F)



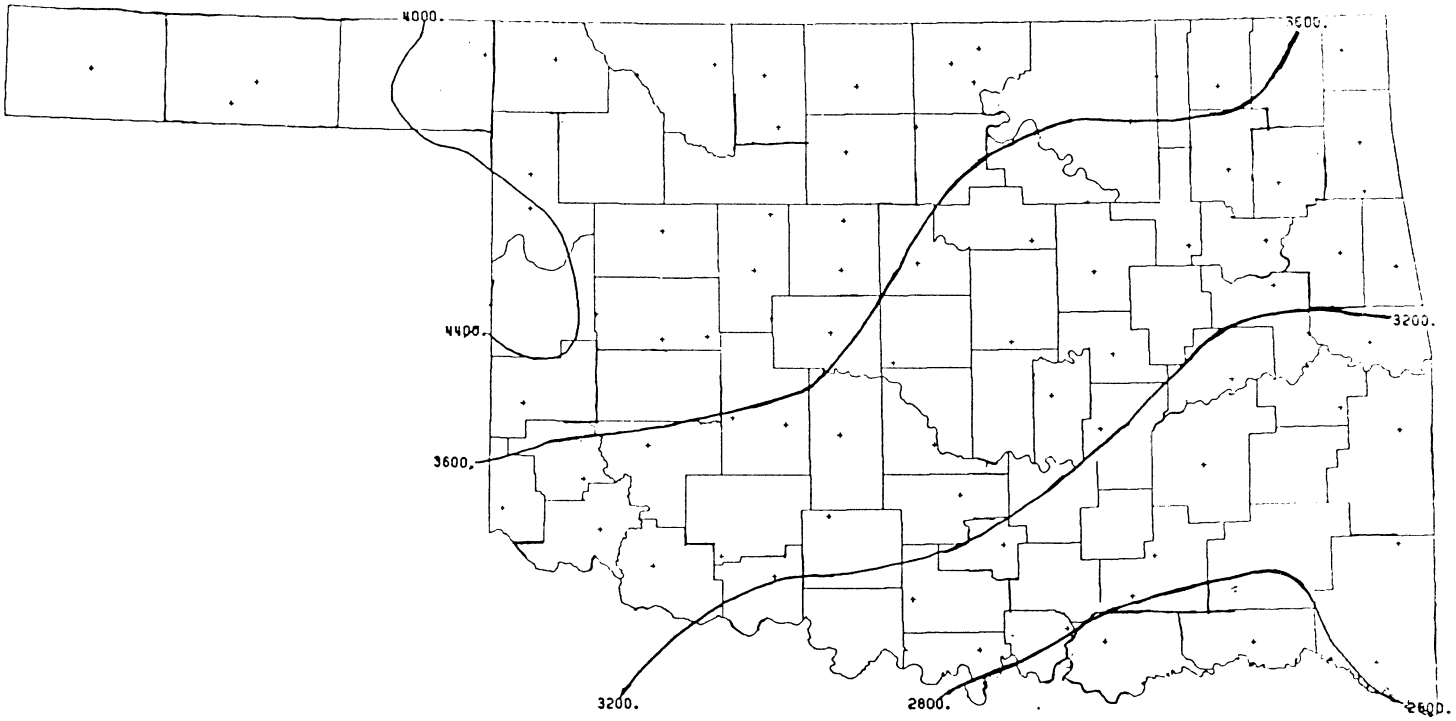
1955-1984 LONG-TERM MEAN ANNUAL TEMPERATURE (DEGREES F)



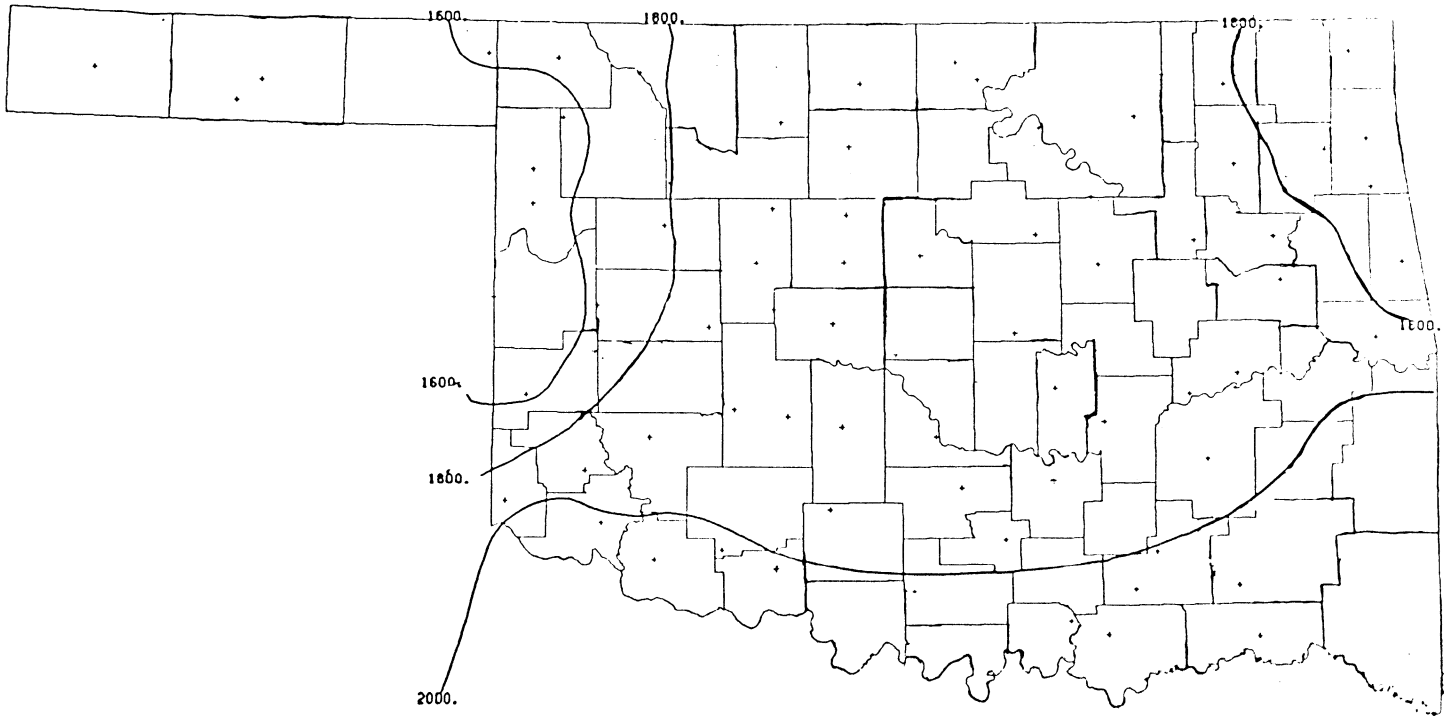
1987 ANNUAL TOTAL PRECIPITATION (INCHES)



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



1987 TOTAL HEATING DEGREES DAYS



1987 TOTAL COOLING DEGREES DAYS

1987 Storm Summary Report

Official storm events during 1987, reported by the National Weather Service, are summarized in the figure on the following page. There were approximately twice as many tornadoes reported during 1986 as were observed in 1987. These 1987 tornadoes occurred on about 30 percent fewer days than those of 1986. 1987 tornado damage was estimated to be about one-tenth of that reported during 1986.

Property and crop damage attributed to hailstorms was also significantly less during 1987. 1987 windstorm damage was approximately equivalent to that of 1986.

Although lightning related injuries were significantly higher during 1987, lightning deaths remained constant. 1987 lightning damage estimates were lower than those of 1986.

Twelve flash flooding events were reported during 1987 compared to ten events in 1986. Damage estimates during 1987, however, were substantially lower.

Winter weather of 1987 took a much higher toll in deaths and injuries than during 1986. This is due in large part to severe winter weather during December. A comparison of total weather related events and estimated economic losses for 1986 and 1987 are presented below.

	TOTAL EVENTS	DEATHS	INJURIES	ECONOMIC LOSSES Property	Crop
1986	60	5	50	65.0 mil to 653 mil	50.5 mil to 505 mil
1987	42	23	129	23.5 mil to 235 mil	10.5 mil to ~~235 mil~~ 105.0

STORM SUMMARY REPORT

TYPE OF STORM	NUMBER	DAYS	DEATHS	INJURIES	DAMAGE*	
					PROPERTY	CROPS
TORNADOES	23	11	0	8	$605,000 to $6.05 mill	0
HAIL			0	0	$155,000 to $1.55 mill	$50,000 to $500,000
THUNDERSTORM WINDS			1	18	$2.20 mill to $20.0 mill	0
HIGH WINDS			0	0	0	0
LIGHTNING			3	9	$155,000 to $1.55 mil	0
FLASH FLOODS	12		0	0	$100,000 to $1.00 mill	$500,000 to $5.00 mill
FLOODS	6		3	0	$5.00 mill to $50.00 mill	$5.00 mill to $50.00 mill
HEAVY SNOWSTORMS AND BLIZZARDS			4	49	$5.50 mill to $55.00 mill	0
ICE STORMS #			11	45	$10.00 mill to $100.00 mill	$5.00 mill to $50.00 mill
HURRICANES & TROPICAL STORMS						
ALL OTHERS	1	2	1			

* Total damage for month, by categories.
\# Freezing drizzle and freezing rain, commonly known as glaze.
The figures contained in this table have been compiled by OCS from NWS Form F-2

An Act

ENROLLED HOUSE
BILL NO. 1761

BY: WILLIAMS (Freddye), KAMAS and THOMPSON of the HOUSE

and

HOOPER of the SENATE

AN ACT RELATING TO STATE GOVERNMENT; AMENDING SECTION 1, CHAPTER 63, O.S.L. 1982 (74 O.S. SUPP. 1987, SECTION 245), WHICH RELATES TO THE OKLAHOMA CLIMATOLOGICAL SURVEY; RE-CREATING THE OKLAHOMA CLIMATOLOGICAL SURVEY; AND PROVIDING AN OPERATIVE DATE.

BE IT ENACTED BY THE PEOPLE OF THE STATE OF OKLAHOMA:

SECTION 1. AMENDATORY Section 1, Chapter 63, O.S.L. 1982 (74 O.S. Supp. 1987, Section 245), is amended to read as follows:

Section 245. A. The Climate Office of the State of Oklahoma located at Norman, Oklahoma, shall be under the direction and supervision of the Board of Regents of the University of Oklahoma and shall be known as the Oklahoma Climatological Survey. The Oklahoma Climatological Survey is hereby re-created, to continue until July 1, 1994, in accordance with the provisions of the Oklahoma Sunset Law.

B. The director of the Oklahoma Climatological Survey shall be appointed by the Board and shall also be the state climatologist. The salary of the director shall be determined by the Board.

C. The Oklahoma Climatological Survey shall have for its object and duties the following:

1. To acquire, archive, process and disseminate, in the most cost-effective way possible, all climate and weather information which is or could be of value to policy and decision makers in the state;

2. To act as the representative of the state in all climatological and meteorological matters both within and outside the state when requested to do so by the legislative or executive branches of the state government;

3. To prepare, publish and disseminate periodic regular climate summaries for those individuals, agencies and organizations whose activities are related to the welfare of the state and are affected by climate and weather;

4. To conduct and report on studies of climate and weather phenomena of significant socio-economic importance to the state;

5. To evaluate the significance of natural and man-made, deliberate and inadvertent changes or modifications in important features of the climate and weather affecting the state, and to report this information to those agencies and organizations in the state who are likely to be affected by such changes or modifications.

D. The director is authorized to certify copies as being authentic reproductions of weather records held in the state.

E. The director of the Oklahoma Climatological Survey shall present a report each year to the Board of Regents of the University of Oklahoma showing the progress, condition and all other information which the Board may deem necessary.

SECTION 2. This act shall become operative July 1, 1988.

Passed the House of Representatives the 1st day of March, 1988.

Speaker Pro Tempore of the House of Representatives

Passed the Senate the 8th day of March, 1988.

President Pro Tempore of the Senate

OFFICE OF THE GOVERNOR

Received by the Governor this 10th day of March, 1988 at 1:51, o'clock P. M.

By: Robyn Haven-Roberts

Approved by the Governor of the State of Oklahoma the 14th day of March, 1988, at 5:11, o'clock P M.

Henry Bellmon
Governor of the State of Oklahoma

OFFICE OF THE SECRETARY OF STATE

Received by the Secretary of State this 15th day of March, 1988, at 10:45, o'clock P. M.

By: Bruce T. Fitzsimmons