

1998 OKLAHOMA ANNUAL SUMMARY

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ANNUAL SUMMARY FOR 1998

Although much of Oklahoma suffered through an intense drought in 1998, plentiful moisture during the other seasons and in other parts of the state actually provided the state with above normal precipitation. The statewide-averaged precipitation for the year, 36.57 inches, was 2.33 inches greater than normal, ranking 1998 as Oklahoma's 32nd wettest year since 1892. The west central, southwestern, and south central climate divisions, each suffering record-breaking droughts that extended from April through September, finished the year with less than normal precipitation.

Statewide-Averaged Precipitation in inches by Season (Rank: 1=driest, 107=wettest)

Season	Precip.	Dep.	Rank
Winter (Dec 97-Feb 98)	8.96	+4.26	106
Spring (Mar-May 98)	10.68	-0.08	61
Summer (Jun-Aug 98)	5.77	-3.62	5
Autumn (Sep-Nov 98)	13.23	+3.80	99

The drought began in early April, serendipitously providing excellent ripening and harvest weather for a bumper wheat crop. Southeastern portions of the state were affected first. The dry weather then spread across the southern two-thirds of the state. Over 300 wildfires, most manmade, some intentionally, destroyed as much as 14,000 acres of woodland during July. Spring planted crops were stunted by the lack of moisture. State cotton producers reported their smallest harvest since record keeping began in 1895. Agricultural losses were estimated at \$2 billion. Tropical Storm Frances brought drought-breaking rains to eastern Oklahoma in mid-September. The state entered a period of widespread rain during a stormy October, effectively ending the drought, although some areas in southwestern and south central Oklahoma still had not recovered completely by year's end.

Climate Division-averaged Precipitation in inches (Rank: 1=driest, 104=wettest)

	Apr-Sep	Dep.	Rank (Record-year)	Ann.	Dep.
Panhandle	12.02	-3.11	25 (1910)	24.41	+4.08
North Central	16.83	-2.87	29 (1956)	40.10	+11.04
Northeast	21.46	-2.79	29 (1901)	46.11	+5.96
West Central	7.58	-10.99	1 (1984)	25.38	-1.76
Central	13.87	-8.05	6 (1956)	36.76	+2.08
East Central	18.81	-5.57	14 (1936)	47.52	+4.43
Southwest	6.31	-12.34	1 (1984)	23.07	-5.10
South Central	10.20	-12.25	1 (1956)	34.21	-3.34
Southeast	18.91	-6.45	13 (1896)	50.29	+1.57

Flooding occurred along several streams in March, notably: Poteau, Cimarron, North Fork of the Red, Deep Fork, and Washita rivers and Bird Creek. Erosion by floodwaters along the Cimarron caused the bank to collapse from under homes in the Twin Lakes

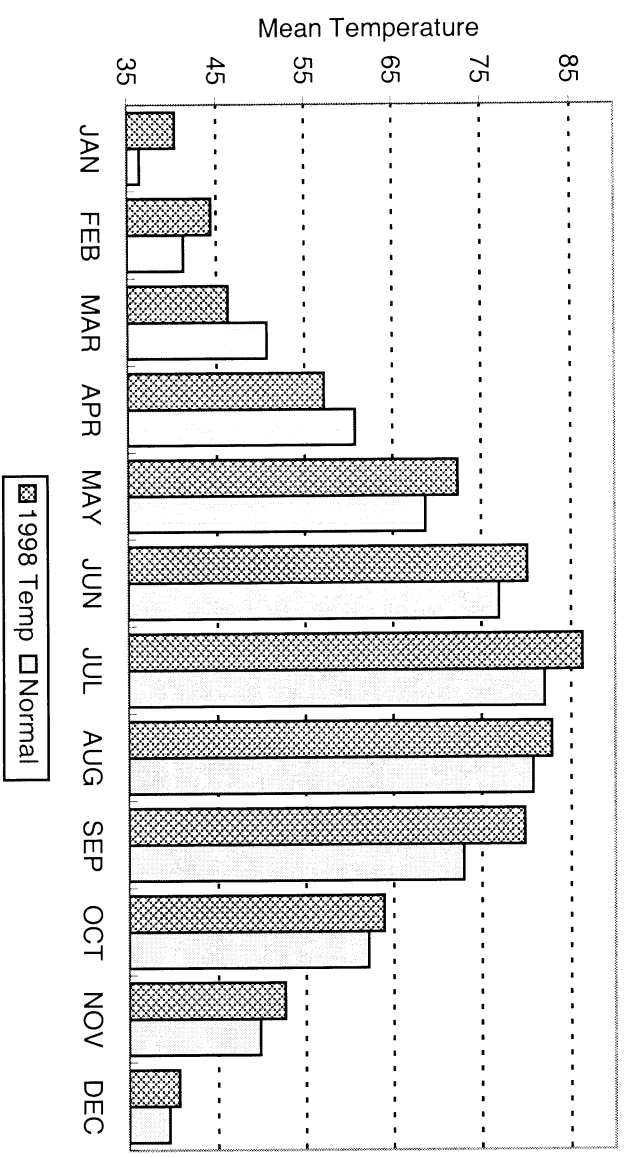
community south of Crescent. Further flooding was reported in the northeastern quarter of the state in October and early November in response to frequent and widespread heavy rain.

Average monthly temperatures were greater than normal, statewide, in every month except March and April. The statewide-averaged temperature, 62.3 degrees, was 2.0 degrees greater than normal, making 1998 the 10th warmest year since 1892. Summer temperatures averaged 83.2 degrees across the state, 3.2 degrees greater than normal. During autumn, temperatures averaged 65.4 degrees, exceeding the seasonal normal by 3.8 degrees. These were the 4th warmest autumn and the 8th warmest summer in the 107 years on record. The statewide-averaged temperature in July was the 4th highest for that month on record. The state experienced its 2nd warmest September since 1892. Twenty-four people died from heat-related causes in Oklahoma from July through September.

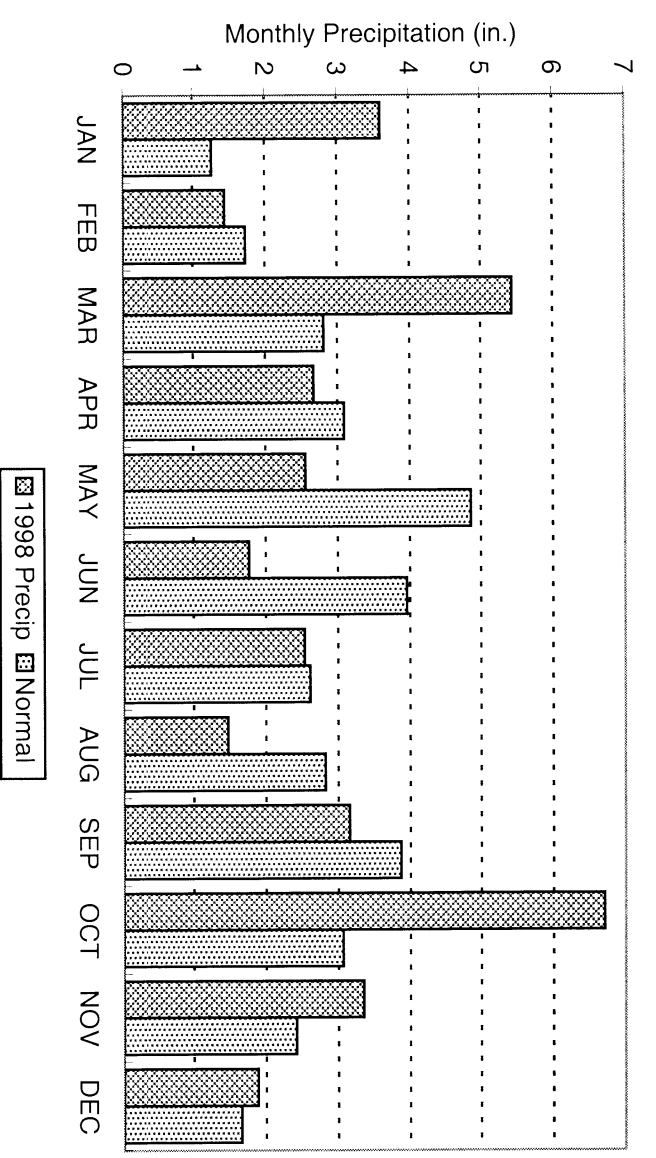
Oklahoma was battered by 83 tornadoes in 1998, the 5th greatest number in a single year since 1950. A total of 27 tornadoes were reported, statewide, in October, obliterating the previous state record for the month of 8 set in 1970. Twenty-six of those tornadoes occurred on the 4th to establish a national record for “most tornadoes in one state on one day in October.” Other active months were May and June, each with 22 tornadoes. There were 35 injuries and no deaths associated with tornadoes in 1998. Twenty-two people were injured on June 13 when 9 tornadoes struck in central Oklahoma. Twenty-one people were injured were in the northern Oklahoma City when one tornado struck moved through Nichols Hills and vicinity and another one narrowly missed a crowded amusement park. Eleven injuries were associated with October 4 tornadoes, including six in Lincoln County near Prague and four near Haydenville in Okfuskee County. Two tornadoes, May 24 near Lamont in Grant County and October 4 in Seminole and Pottawatomie south of Prague, reached F3 (severe tornado) on the Fujita rating scale.

Howard L. Johnson

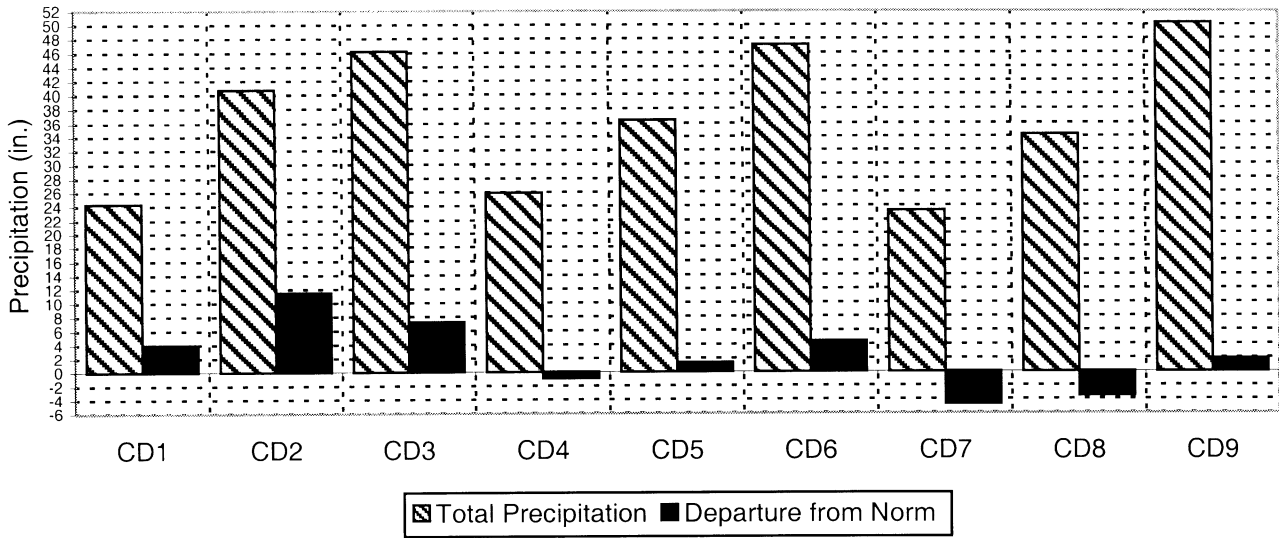
1998 STATEWIDE-AVERAGED TEMPERATURES Monthly Averages



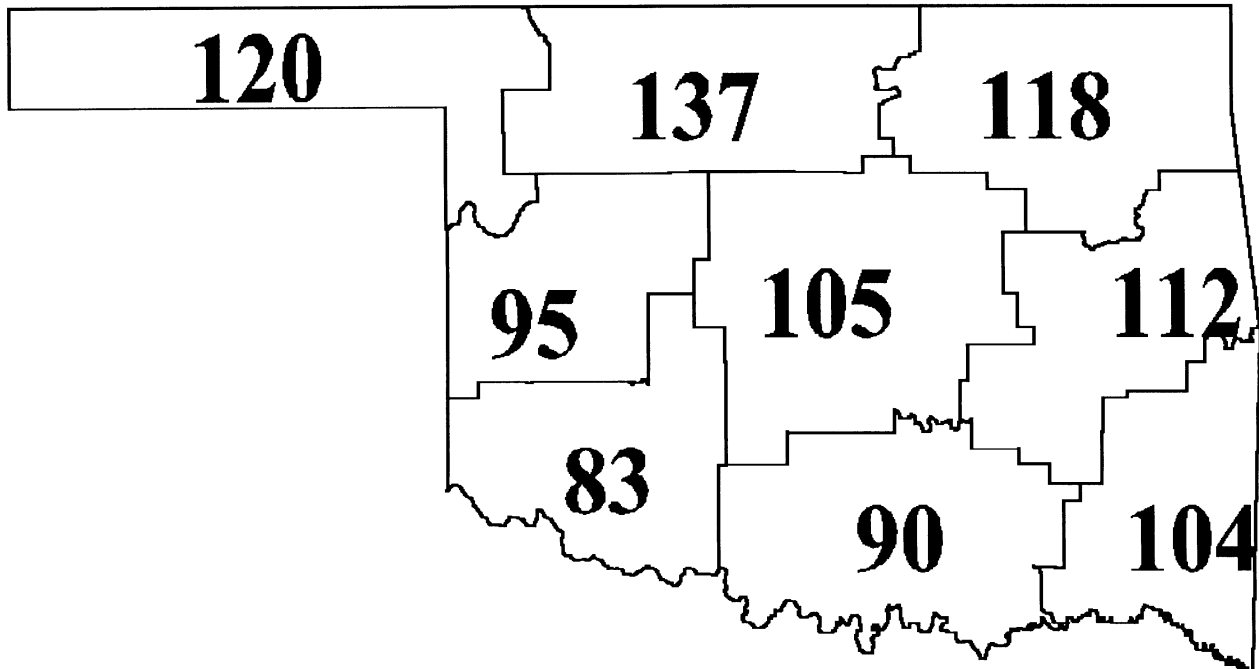
1998 STATEWIDE-AVERAGED PRECIPITATION Monthly Totals



CD Averaged Precipitation 1998 Annual



1998 CLIMATE DIVISION PERCENT OF NORMAL PRECIPITATION



TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

CLIMATE DIVISION 1 (PANHANDLE)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
ARNETT	1.14	0.68	0.76	-0.25	4.49	2.86	2.06	0.28	3.21	-0.92	0.24	-3.46	3.19	1.30	1.27	-1.14	0.19	-2.34	4.22	2.39	3.38	1.95	0.80	0.03	24.96	1.38
BEAVER	0.00	-0.40	1.22	0.44	4.50	3.05	1.40	-0.15	3.38	0.34	0.36	-3.13	6.46	3.60	2.37	-0.58	0.14	-1.68	6.21	5.02	1.83	0.81	0.35	-0.24	28.22	7.08
BOISE CITY	0.00	-0.30	0.77	0.27	2.97	2.09	0.89	-0.29	0.54	-2.04	0.69	-2.10	7.32	4.57	4.62	2.17	0.65	-1.18	4.52	3.66	0.62	-0.11	0.16	-0.22	23.74	6.52
BUFFALO	1.64	1.15	0.68	-0.36	2.30	0.44	1.12	-1.23	2.25	-2.11	2.35	-1.64	3.73	0.74	1.71	-1.75	*	*	5.38	3.44	3.40	1.78	0.05	-0.75	*	*
FARGO	1.52	1.05	0.70	-0.28	3.95	2.32	2.54	0.53	2.47	-1.22	0.34	-2.97	5.39	3.35	0.98	-1.73	0.37	-1.90	5.22	3.58	3.99	2.69	0.52	-0.25	28.01	5.17
GATE	0.67	0.12	0.52	-0.32	4.53	2.85	*	*	*	*	*	*	7.79	5.36	2.46	-0.42	0.06	-2.03	3.84	2.43	2.50	1.40	0.28	-0.42	*	*
GOODWELL	0.00	-0.27	*	*	2.31	1.44	*	*	*	*	0.00	-2.68	6.20	3.68	3.09	0.93	0.08	-1.60	5.84	4.88	*	*	*	*	*	*
GUYMON	0.00	*	*	*	*	*	*	*	1.33	*	0.13	*	5.92	*	2.36	*	0.04	*	*	*	*	*	0.60	*	*	*
HOOKER	*	*	*	*	*	*	*	*	1.35	-1.61	0.15	-2.79	6.66	4.37	0.75	-1.56	0.37	-1.68	6.84	5.90	1.04	0.26	0.59	0.18	*	*
KENTON	0.01	-0.27	*	*	1.76	0.98	1.12	-0.09	0.64	-1.85	0.74	-1.42	6.49	3.15	*	*	3.23	1.38	*	*	*	*	*	*	*	*
LAVERNE	0.71	0.18	0.49	-0.48	3.80	2.10	1.75	0.13	1.88	-1.41	0.54	-2.53	3.37	0.84	2.31	-0.55	0.15	-1.87	4.66	3.25	2.01	0.84	0.31	-0.42	22.00	0.08
RANGE	0.02	*	0.68	*	*	*	1.01	*	*	*	0.10	*	4.16	*	0.93	*	0.18	*	4.78	*	1.85	*	1.06	*	*	*
REGNIER	0.00	-0.30	0.80	0.48	1.87	1.14	1.30	0.21	0.47	-1.78	0.94	-1.30	7.00	4.66	2.88	1.00	0.00	-1.70	4.89	4.13	1.27	0.71	0.35	0.02	21.78	7.27

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

CLIMATE DIVISION 2 (NORTH CENTRAL)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
ALVA	0.84	*	0.29	*	5.66	*	2.03	*	3.79	*	0.64	*	3.39	*	2.24	*	0.66	*	8.44	*	4.52	*	0.58	*	33.08	*
BILLINGS	1.14	0.14	1.20	-0.19	6.19	3.50	4.69	1.60	3.83	-0.68	0.52	-3.63	4.74	1.61	0.46	-2.67	2.56	-1.98	10.18	7.45	5.36	3.09	1.76	0.39	42.65	8.63
BLACKWELL	0.84	-0.11	0.45	-0.62	6.04	3.64	3.89	0.92	4.45	-0.29	2.24	-1.67	9.98	6.84	0.48	-2.71	4.43	0.35	12.25	9.55	5.91	3.63	1.50	0.15	52.48	19.68
BRAMAN	1.03	*	0.52	*	*	*	3.02	*	4.76	*	1.25	*	*	*	1.30	*	1.99	*	11.94	*	*	*	2.06	*	*	*
CEDARDALE	0.52	*	0.63	*	2.77	*	2.84	*	3.39	*	0.08	*	2.62	*	2.44	*	1.15	*	7.26	*	4.15	*	1.24	*	29.10	*
CHEROKEE	0.00	-0.85	0.00	-1.15	*	*	*	*	*	*	*	*	7.67	4.93	1.33	-1.69	0.68	-2.38	*	*	2.35	0.83	1.25	0.12	*	*
ENID	1.24	0.28	1.33	-0.08	*	*	3.96	1.09	*	*	*	*	*	*	*	*	2.34	-1.14	5.87	2.76	4.86	2.65	*	*	*	*
FT SUPPLY	0.83	0.38	0.63	-0.33	5.05	3.43	2.18	0.44	*	*	0.15	-2.84	3.46	1.27	2.09	-0.73	1.58	-0.73	8.04	6.50	0.22	-1.04	0.58	-0.14	*	*
FREEDOM	1.40	0.86	0.13	-0.75	*	*	*	*	*	*	0.38	-2.76	*	*	*	*	0.32	-2.27	5.19	3.33	5.18	3.83	0.80	-0.01	*	*
GRT SLT PLNS	*	*	*	*	*	*	2.90	0.24	4.42	0.57	*	*	6.40	3.71	1.52	-1.75	0.68	-2.65	14.71	12.65	5.57	3.74	1.55	0.73	*	*
HARDY	1.09	*	0.64	*	5.50	*	4.49	*	2.79	*	0.60	*	7.83	*	0.06	*	4.68	*	11.83	*	7.59	*	1.44	*	48.55	*
HELENA	0.87	0.09	0.70	-0.45	5.84	3.45	3.41	0.93	2.86	-1.16	0.59	-3.23	5.07	2.45	1.52	-1.24	2.11	-1.12	8.67	6.58	4.52	2.71	1.52	0.54	37.69	9.55
JEFFERSON	1.79	0.94	0.13	-1.04	*	*	*	*	4.63	0.11	1.88	-2.16	5.45	2.12	*	*	1.47	-2.22	15.76	13.11	*	*	1.93	0.74	*	*
LAMONT	1.19	*	1.03	*	5.41	*	4.31	*	3.65	*	2.85	*	6.67	*	1.90	*	2.11	*	10.49	*	5.32	*	1.83	*	46.76	*
MEDFORD	2.02	*	0.14	*	6.14	*	3.60	*	5.67	*	2.14	*	5.56	*	0.65	*	3.37	*	15.54	*	2.28	*	1.71	*	48.82	*
MORRISON	3.57	*	0.02	*	5.37	*	4.66	*	3.40	*	2.13	*	4.52	*	1.84	*	1.61	*	9.15	*	6.54	*	1.48	*	44.30	*
MUTUAL	0.89	0.29	0.64	-0.43	3.30	1.24	2.22	-0.21	3.09	-0.93	0.25	-3.06	4.34	1.99	0.91	-1.29	0.33	-2.32	7.36	5.68	3.91	2.51	0.95	0.21	28.19	3.68
NEWKIRK	1.22	0.35	0.84	-0.33	7.27	4.90	4.26	1.17	1.86	-3.03	*	*	7.83	4.55	0.07	-3.38	4.54	0.27	12.34	9.11	6.43	4.02	1.54	0.11	*	*
ORIENTA	1.07	0.36	0.52	-0.51	4.21	2.12	3.51	0.90	2.35	-1.43	0.10	-3.61	4.42	1.82	0.12	-2.62	1.06	-2.00	7.46	5.58	3.24	1.52	1.15	0.34	29.22	2.47
PERRY	1.29	0.35	*	*	*	*	4.40	1.70	3.64	-1.63	1.43	-2.46	4.59	1.50	*	*	*	*	*	*	6.34	4.22	1.66	0.33	*	*
PONCA CITY	*	*	0.11	-1.22	6.03	3.50	4.45	1.63	3.37	-1.19	2.38	-1.54	9.42	5.72	*	*	*	*	11.61	8.69	6.47	4.21	2.03	0.62	*	*
RED ROCK	1.09	0.19	0.48	-0.90	6.52	3.93	4.73	1.97	3.98	-0.63	0.89	-3.20	4.85	1.96	0.22	-2.61	2.13	-2.10	19.62	16.83	2.70	0.61	1.82	0.48	49.04	16.53
WOODWARD	1.24	0.70	*	*	4.48	2.66	1.64	-0.41	2.58	-1.38	0.42	-2.76	2.17	-0.42	2.32	-0.59	0.00	-2.34	7.05	5.18	3.82	2.45	1.01	0.17	*	*

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TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

CLIMATE DIVISION 3 (NORTHEAST)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
BARNSDALL	3.16	1.77	0.59	-1.26	5.76	2.06	4.47	1.12	3.26	-1.54	2.09	-2.65	5.32	2.39	1.11	-2.35	3.24	-2.37	9.04	5.85	3.35	0.37	*	*	*	*
BARTLESVILLE	3.46	2.19	0.46	-1.12	6.34	3.09	3.94	0.55	2.39	-2.01	1.94	-2.11	5.89	3.29	0.45	-2.70	6.72	2.15	6.28	2.98	3.33	0.61	1.65	0.02	42.86	6.94
BIXBY	3.55	1.98	0.82	-1.01	6.45	3.30	3.82	0.29	3.93	-1.07	*	*	7.18	4.31	*	*	*	*	7.82	4.12	4.62	1.48	2.63	0.67	*	*
BURBANK	*	*	0.11	-1.29	7.24	4.25	6.15	3.39	3.79	-0.94	3.61	-0.69	4.82	1.58	0.00	-3.41	5.80	1.14	7.92	4.83	4.57	2.03	1.54	0.04	*	*
CHELSEA	4.20	*	0.58	*	7.21	*	2.77	*	2.51	*	2.87	*	2.40	*	3.01	*	5.01	*	6.32	*	3.06	*	1.27	*	41.21	*
CLAREMORE	3.99	2.39	0.57	-1.43	7.18	3.60	3.14	-0.41	3.43	-1.21	1.31	-3.29	6.96	3.99	2.02	-1.05	*	*	6.17	2.61	3.33	0.10	1.46	-0.72	*	*
CLEVELAND	3.56	*	*	*	*	*	7.24	*	2.51	*	1.79	*	*	*	*	*	2.53	*	9.76	*	*	*	*	*	*	*
FORAKER	1.69	0.67	0.65	-0.68	6.53	3.71	4.78	1.66	3.88	-1.22	1.75	-2.15	3.50	0.43	0.05	-3.41	5.07	0.23	9.39	5.95	4.58	2.00	1.40	-0.10	43.27	7.09
HOLLOW	3.34	1.85	0.36	-1.42	5.99	2.31	3.27	-0.35	4.36	-0.66	1.39	-3.28	6.55	3.39	5.66	2.45	6.35	1.32	5.58	1.95	3.29	-0.21	1.11	-0.92	47.26	6.43
HOMINY	2.95	1.70	0.58	-1.08	5.84	2.40	6.27	3.19	2.12	-2.43	4.11	0.22	5.48	2.41	1.26	-2.02	3.76	-1.36	9.91	6.95	3.39	0.76	1.59	0.02	47.27	10.76
KANSAS	5.76	3.60	1.47	-0.87	5.77	1.60	2.70	-1.59	4.30	-1.09	2.78	-2.21	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LENAPAH	3.79	*	0.37	*	5.41	*	4.16	*	5.58	*	2.02	*	4.18	*	1.26	*	4.75	*	6.78	*	2.85	*	1.30	*	42.45	*
MANNFORD	4.68	3.36	0.71	-1.24	*	*	6.12	2.83	3.57	-1.25	*	*	4.90	2.13	1.03	-2.25	2.37	-2.19	10.87	7.79	*	*	*	*	*	*
MARAMEC	3.15	1.87	0.74	-0.82	7.70	4.50	6.38	3.33	3.53	-1.26	2.32	-1.48	3.63	0.84	0.40	-2.78	3.29	-1.40	10.37	7.35	3.73	1.10	1.80	0.32	47.05	11.57
PAWHUSKA	3.04	1.76	0.56	-1.24	8.37	5.12	6.78	3.44	3.93	-0.91	2.80	-1.74	7.80	4.62	0.05	-3.53	5.91	0.98	9.07	5.87	4.31	1.49	1.93	0.26	54.56	16.12
PAWNEE	2.71	1.49	0.50	-1.19	7.49	4.40	5.58	2.47	4.24	-0.66	2.28	-1.56	6.14	3.41	1.55	-1.66	3.38	-1.66	11.98	9.15	3.98	1.45	1.55	0.02	51.38	15.66
PRYOR	3.76	2.00	*	*	*	*	2.33	-1.58	3.41	-1.26	2.10	-2.89	3.44	0.69	2.71	-0.56	6.70	1.95	*	*	3.44	-0.18	0.98	-1.42	*	*
RALSTON	2.49	1.34	*	*	0.45	-1.18	7.40	4.33	5.44	2.28	2.79	-1.97	1.79	-2.36	3.73	0.79	0.48	-2.83	3.73	-0.94	8.50	5.61	4.30	1.76	*	*
SKIATOOK	4.63	3.26	0.57	-1.23	7.06	3.78	6.02	2.57	2.08	-2.61	1.17	-3.03	6.65	3.51	1.77	-1.39	5.02	0.17	8.04	4.86	3.40	0.36	1.64	-0.02	48.05	10.23
SPAVINAW	4.81	3.11	0.50	-1.44	6.54	2.96	2.30	-1.69	4.38	-0.39	1.12	-3.78	5.13	2.11	2.36	-1.55	8.99	4.21	9.91	6.22	3.62	-0.12	1.46	-1.04	51.13	8.60
TULSA	3.49	1.95	0.30	-1.67	7.34	3.88	4.55	0.83	2.46	-3.14	3.37	-1.07	4.31	1.22	1.67	-1.45	5.13	0.43	9.04	5.38	3.26	0.13	1.57	-0.59	46.51	5.90
UPPER SPAVNW	*	*	1.11	*	5.64	*	2.44	*	5.03	*	2.34	*	5.00	*	2.56	*	6.59	*	7.87	*	*	*	*	*	*	*
VINITA	4.11	2.31	*	*	*	*	4.19	0.36	3.63	-1.48	*	*	*	*	1.74	-2.04	*	*	*	*	3.27	-0.56	1.06	-1.47	*	*
WAGONER	5.09	3.13	1.14	-0.93	5.96	2.39	3.49	-0.77	0.00	-4.95	2.21	-3.21	2.06	-0.77	1.97	-1.06	6.66	2.10	10.65	6.53	3.27	-0.31	2.57	0.13	45.07	2.28
WANN	2.85	*	0.38	*	5.60	*	4.51	*	4.43	*	*	*	3.93	*	0.68	*	3.92	*	7.37	*	3.62	*	1.69	*	*	*
WYMONA	2.97	*	0.59	*	6.40	*	5.64	*	2.27	*	3.18	*	6.40	*	0.36	*	4.18	*	10.78	*	3.39	*	1.80	*	47.96	*

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

CLIMATE DIVISION 4 (WEST CENTRAL)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP	
CANTON DAM	*	*	0.90	-0.15	4.74	2.66	2.22	-0.07	*	*	0.36	-3.46	0.95	-1.40	*	*	0.89	-2.29	6.33	4.31	3.16	1.38	1.73	0.91	*	*	
CLINTON	1.15	0.21	1.37	0.18	4.72	2.69	1.80	-0.51	*	*	0.24	-3.91	1.76	-0.33	1.32	-1.85	0.17	-3.56	4.69	1.87	3.08	1.26	1.59	0.60	*	*	
COLONY	1.55	*	0.50	*	6.41	*	1.80	*	0.81	*	0.93	*	0.83	*	0.66	*	0.29	*	3.39	*	4.45	*	1.72	*	23.36	*	
CORDELL	1.13	0.22	1.18	-0.02	5.33	3.38	0.85	-1.18	1.51	-3.18	*	*	0.26	-1.67	0.88	-2.20	0.19	-3.42	9.90	7.38	3.10	1.35	1.61	0.71	*	*	
ELK CITY	1.90	1.21	1.46	0.26	4.47	2.43	0.92	-1.14	2.42	-2.15	0.07	-3.80	1.12	-0.77	0.81	-2.07	0.00	-3.28	*	*	2.89	1.24	0.72	-0.05	*	*	
ERICK	1.11	0.57	1.21	0.24	3.47	1.77	0.95	-1.09	5.43	1.34	0.06	-3.64	0.31	-1.38	1.85	-0.66	0.06	-3.16	8.00	5.84	2.53	1.20	0.48	-0.23	25.46	0.80	
LEEDY	2.13	1.64	0.36	-0.66	4.52	2.80	1.24	-1.00	2.98	-1.44	0.29	-3.23	3.55	1.77	0.72	-1.83	0.10	-2.61	6.86	4.96	3.43	1.88	1.12	0.48	27.30	2.76	
MACKIE	1.56	*	0.59	*	3.93	*	0.95	*	*	*	0.00	*	*	*	0.59	*	0.05	*	4.95	*	2.70	*	0.42	*	*	*	
MORAVIA	2.39	1.68	1.68	0.52	3.36	1.55	0.90	-1.11	2.38	-2.29	0.17	-3.63	1.05	-0.71	0.56	-1.95	0.38	-3.03	5.60	3.21	2.53	1.15	0.30	-0.52	21.31	-5.13	
OKEENE	0.86	0.09	1.35	0.14	5.28	3.14	2.40	0.02	3.49	-0.95	0.30	-3.85	3.20	0.84	1.34	-1.39	0.73	-2.96	4.83	2.38	3.68	1.73	1.33	0.28	28.80	-0.53	
RETROP	1.86	*	1.76	*	5.20	*	0.76	*	3.28	*	0.30	*	0.15	*	0.57	*	0.62	*	4.92	*	2.84	*	0.84	*	23.10	*	
SAYRE	1.63	1.16	1.28	0.46	3.89	2.36	0.78	-1.14	3.66	-0.67	0.07	-3.59	0.39	-1.28	0.88	-1.54	0.44	-2.60	7.66	5.50	3.18	1.83	1.09	0.50	24.96	0.99	
SWEETWATER	0.64	*	0.37	*	3.60	*	0.36	*	3.95	*	0.00	*	1.85	*	0.77	*	0.00	*	5.73	*	2.27	*	0.35	*	19.90	*	
TALOGA	*	*	0.58	-0.51	4.03	2.12	1.54	-0.82	2.48	-2.26	0.17	-3.54	2.32	0.09	1.24	-1.19	0.08	-2.89	8.79	6.79	3.12	1.32	1.67	0.99	*	*	
THOMAS	*	*	0.79	*	5.60	*	2.19	*	2.48	*	0.07	*	1.71	*	1.49	*	0.41	*	4.99	*	3.08	*	3.27	*	*	*	*
VICI	1.20	0.47	0.14	-1.06	5.58	3.35	2.62	0.15	3.31	-1.10	0.30	-3.24	3.24	1.08	0.84	-1.44	0.31	-2.33	9.98	8.02	0.59	-1.00	1.43	0.57	29.55	3.47	
WATONGA	1.07	0.11	1.21	-0.05	5.60	3.39	2.48	0.08	3.31	-1.31	0.48	-3.57	3.36	1.09	0.28	-2.01	*	*	4.96	2.58	4.55	2.74	1.55	0.49	*	*	

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

CLIMATE DIVISION 5 (CENTRAL)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP	
AMBER	3.71	*	1.86	*	4.56	*	2.34	*	1.81	*	2.77	*	0.00	*	0.39	*	2.29	*	4.86	*	3.56	*	1.42	*	29.57	*	
ARCADIA	3.21	*	1.67	*	7.02	*	2.84	*	2.92	*	2.81	*	0.76	*	0.72	*	4.46	*	6.74	*	3.73	*	1.25	*	38.13	*	
BLANCHARD	*	*	2.01	0.26	6.45	3.76	2.46	-0.65	2.33	-2.62	1.81	-2.20	0.00	-2.57	1.16	-1.57	3.17	-0.99	2.99	-0.38	3.74	1.64	2.05	0.46	*	*	
BRISTOW	3.42	2.04	1.03	-0.90	7.34	4.30	6.28	2.95	3.52	-1.99	1.47	-2.40	1.45	-1.29	0.70	-1.96	*	*	6.51	3.36	3.19	0.30	2.23	0.16	*	*	
CHICKASHA	4.65	3.62	2.66	1.07	6.25	3.75	3.69	0.94	1.34	-3.34	0.00	-3.71	0.00	-2.09	0.85	-1.91	0.74	-3.06	4.17	0.92	4.73	2.78	1.74	0.48	30.82	-0.55	
COX CITY	4.25	*	1.98	*	6.36	*	5.28	*	0.85	*	1.37	*	0.00	*	1.46	*	0.97	*	3.39	*	2.29	*	1.66	*	29.86	*	
CRESCENT	1.23	*	0.85	*	6.08	*	3.31	*	3.14	*	1.47	*	0.82	*	0.39	*	3.10	*	6.19	*	5.80	*	1.43	*	33.81	*	
EDMOND	2.59	*	1.09	*	6.50	*	3.68	*	2.48	*	2.60	*	0.24	*	0.31	*	4.55	*	11.12	*	1.04	*	0.64	*	36.85	*	
EL RENO	1.99	0.99	1.56	0.26	5.29	2.95	1.89	-0.68	3.08	-2.33	*	*	*	*	0.33	-2.46	1.35	-2.78	5.50	2.98	3.97	2.22	1.10	0.06	*	*	
GUTHRIE	2.63	1.48	1.35	-0.31	5.10	2.28	3.90	1.24	4.63	-0.34	3.00	-1.23	0.46	-1.87	0.17	-2.10	2.21	-2.10	*	*	2.31	0.02	1.18	-0.32	*	*	
HENNESSEY	1.22	0.36	1.32	0.09	5.31	2.96	3.17	0.48	*	*	0.45	-3.73	1.34	-1.21	*	*	*	*	*	*	5.51	3.57	2.39	1.35	*	*	
INGALLS	2.86	*	0.42	*	7.67	*	4.50	*	3.29	*	2.49	*	1.86	*	3.41	*	5.27	*	8.13	*	4.35	*	1.85	*	46.10	*	
KINGFISHER	*	*	1.68	0.29	*	*	3.05	0.44	3.09	-1.54	0.49	-3.78	*	*	*	*	*	*	*	5.16	2.83	5.37	3.46	1.98	0.79	*	*
KONAWA	2.66	1.15	0.56	-1.52	6.42	3.21	6.43	2.35	0.81	-4.89	1.71	-2.37	0.00	-2.02	0.88	-1.11	2.70	-1.74	4.93	0.86	3.00	0.27	2.17	0.29	32.27	-5.52	
MARSHALL	1.48	0.60	0.63	-0.64	6.00	3.53	3.43	0.87	2.60	-2.28	0.30	-3.68	3.86	1.59	0.34	-2.23	3.70	-0.13	7.73	4.98	5.01	3.10	1.29	0.14	36.37	5.85	
MEEKER	3.06	2.02	1.13	-0.90	6.42	3.61	*	*	2.14	-3.43	1.57	-2.61	*	*	0.58	-1.88	3.15	-1.14	*	*	3.15	0.59	*	*	*	*	
MULHALL	2.12	*	0.01	*	5.44	*	3.76	*	2.97	*	1.57	*	*	*	0.97	*	3.73	*	8.64	*	4.38	*	1.22	*	*	*	
NORMAN NWS	4.73	3.41	0.73	-0.99	6.73	3.84	3.58	0.35	1.54	-3.62	2.10	-1.99	0.33	-2.43	0.17	-2.69	6.76	2.67	4.05	0.82	3.65	1.17	1.13	-0.46	35.50	0.08	
OKEMAH	4.33	2.88	1.68	-0.23	6.27	3.12	4.42	0.50	5.30	0.00	2.24	-1.95	0.58	-2.58	0.67	-1.97	4.54	0.28	7.65	3.81	3.49	0.55	2.19	0.19	43.37	4.60	
OKLA CITY FD	*	*	1.75	*	6.24	*	3.62	*	1.92	*	2.97	*	0.04	*	0.34	*	4.21	*	5.55	*	*	*	1.80	*	*	*	
OKLA CITY AS	4.10	2.97	0.13	-1.43	6.46	3.75	3.34	0.57	2.13	-3.09	2.68	-1.64	0.02	-2.59	0.48	-2.12	4.37	0.53	6.76	3.53	3.09	1.11	1.63	0.23	35.18	1.82	
PERKINS	3.02	1.85	0.54	-1.13	7.66	4.76	4.99	2.07	2.46	-3.03	2.22	-2.21	1.51	-1.15	0.90	-1.64	5.75	1.35	8.88	5.91	4.57	2.13	1.62	0.09	44.12	9.00	
PIEDMONT	1.99	*	1.32	*	5.37	*	3.82	*	3.44	*	1.85	*	0.13	*	0.83	*	2.08	*	4.95	*	6.58	*	0.58	*	32.94	*	
PRAGUE	3.66	2.23	0.92	-1.02	6.50	3.32	4.21	0.51	2.29	-3.00	0.75	-3.05	1.11	-1.85	2.18	-0.25	2.54	-1.94	8.74	4.91	2.96	0.29	1.96	0.14	37.84	0.29	
PURCELL	4.65	3.31	2.41	0.44	6.35	3.22	5.05	1.44	1.92	-3.65	*	*	*	*	0.75	-1.94	5.29	0.93	5.00	1.06	3.34	0.84	1.93	0.10	*	*	
SEMINOLE	3.66	2.18	0.45	-1.56	5.28	2.01	5.50	1.68	1.86	-3.37	2.01	-2.20	0.11	-2.41	2.82	0.18	5.28	0.89	7.98	4.13	2.85	-0.07	1.87	0.05	39.68	1.51	
SHAWNEE	4.42	3.05	1.33	-0.68	6.05	2.86	4.67	0.69	3.27	-2.40	1.97	-2.35	0.33	-1.84	0.82	-1.68	3.37	-0.85	7.31	3.24	2.95	0.06	1.70	-0.18	38.20	-0.08	
STELLA	3.66	*	1.87	*	6.72	*	3.56	*	2.70	*	1.68	*	0.16	*	0.51	*	5.69	*	6.01	*	3.26	*	1.28	*	37.11	*	
STILLWATER	*	*	0.47	-1.06	7.10	4.31	5.22	2.30	3.34	-1.79	1.39	-2.61	1.80	-1.10	1.50	-1.26	4.59	0.30	8.72	5.89	5.68	3.43	*	*	*	*	
STROUD	3.73	*	1.44	*	5.90	*	4.61	*	1.79	*	2.39	*	2.57	*	0.31	*	2.54	*	13.05	*	3.01	*	1.93	*	43.28	*	
TECUMSEH	3.97	*	1.75	*	5.96	*	*	*	1.40	*	2.35	*	0.00	*	2.19	*	5.05	*	5.78	*	2.22	*	0.50	*	*	*	
TROUSDALE	4.11	*	1.67	*	5.00	*	6.80	*	1.81	*	1.33	*	0.00	*	*	*	3.14	*	6.58	*	3.42	*	1.63	*	*	*	
UNION CITY	4.25	2.89	0.39	-1.19	5.55	2.64	1.92	-0.94	1.68	-3.90	1.48	-3.20	0.00	-2.30	0.84	-2.04	2.75	-1.48	3.66	0.39	6.35	4.05	1.34	-0.01	30.24	-5.09	
WELTY	3.97	*	0.97	*	6.20	*	5.32	*	3.85	*	1.85	*	*	*	1.01	*	3.16	*	12.75	*	3.43	*	1.69	*	*	*	
WEWOKA	5.30	3.85	0.84	-1.35	6.19	2.94	5.40	1.69	1.88	-3.33	1.76	-2.30	0.61	-1.76	1.81	-0.96	5.59	1.27	5.78	2.07	3.59	0.80	2.91	1.01	41.66	3.93	

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

CLIMATE DIVISION 6 (EAST CENTRAL)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP			
ASHLAND	10.44	*	1.25	*	7.10	*	0.87	*	1.52	*	2.55	*	0.00	*	1.03	*	3.92	DEP	*	4.65	*	3.62	DEP	*	3.34	DEP	*	40.30	*
BEGGS	3.96	*	1.09	*	5.96	*	2.61	*	3.54	*	1.19	*	1.46	*	1.28	*	3.55	*	10.88	*	3.97	*	1.66	*	41.15	*			
CALVIN	4.40	2.80	0.80	-1.32	8.41	4.61	1.32	-2.88	2.70	-2.98	1.65	-2.88	0.11	-2.96	0.47	-1.94	2.32	-2.12	4.02	-0.08	1.60	-1.37	2.82	0.63	30.62	-10.50			
CHECOTAH	9.07	7.44	1.28	-0.91	6.65	2.95	2.26	-1.86	3.83	-1.59	2.11	-1.78	2.98	-0.06	1.69	-1.15	8.78	3.90	6.40	2.17	3.45	0.14	2.80	0.35	51.32	9.60			
CLAYTON	9.34	*	2.15	*	5.55	*	1.31	*	4.19	*	2.63	*	1.80	*	3.67	*	9.15	*	4.78	*	3.78	*	4.62	*	52.97	*			
DEWAR	6.97	5.38	1.01	-1.22	5.52	1.97	1.88	-2.14	4.25	-0.98	*	*	1.46	-1.92	2.42	-0.09	5.61	1.07	8.55	4.59	4.75	1.65	2.59	0.50	*	*			
DUSTIN	7.96	*	1.19	*	6.06	*	1.94	*	2.89	*	2.19	*	0.94	*	*	*	5.48	*	9.17	*	4.38	*	2.89	*	*	*			
HANNA	7.57	5.84	1.60	-0.78	5.09	1.02	2.19	-1.90	3.92	-2.09	5.70	1.99	1.16	-1.65	2.13	-0.43	5.70	1.12	6.67	2.52	4.24	0.78	3.05	0.61	49.04	7.03			
HASKELL	5.09	3.23	1.27	-0.90	6.17	2.57	2.21	-1.44	3.45	-1.76	1.59	-3.11	2.44	-0.17	3.57	1.05	6.12	1.73	10.93	6.86	3.01	-0.48	2.42	0.14	48.27	7.72			
LYONS	7.21	5.42	2.35	0.43	6.45	2.20	3.52	-1.25	2.90	-2.71	4.53	0.07	2.63	-0.28	2.36	-0.80	7.80	2.98	8.51	5.03	3.56	-0.21	2.91	0.16	54.73	11.04			
MARBLE CITY	9.67	*	2.67	*	6.75	*	2.71	*	3.93	*	4.40	*	1.70	*	*	*	8.38	*	*	*	2.74	*	2.68	*	*	*			
MCALESTER	*	*	0.25	-2.39	4.21	0.21	0.83	-3.27	1.45	-4.44	4.25	0.27	0.19	-2.48	0.71	-2.34	2.38	-2.48	5.66	1.08	3.04	-0.47	2.38	-0.24	*	*			
MCCURTAIN	9.52	7.36	2.13	-0.81	4.24	0.13	3.10	-1.44	4.28	-1.77	4.30	0.13	1.07	-2.10	2.68	-0.23	9.25	4.49	4.70	0.80	3.41	-0.95	4.03	1.21	52.71	6.82			
MUSKOGEE	3.64	1.84	1.12	-1.19	5.97	2.42	1.48	-2.60	*	*	5.30	1.01	*	*	0.58	-2.26	8.82	4.31	4.55	0.40	3.86	0.31	2.81	-0.09	*	*			
OKTAHA	6.92	*	1.36	*	6.20	*	1.41	*	4.04	*	0.95	*	4.42	*	0.37	*	9.57	*	5.30	*	3.71	*	2.70	*	46.95	*			
SALLISAW	8.45	6.45	2.95	0.23	6.62	2.38	2.70	-1.69	3.10	-2.71	3.41	-0.15	2.71	-0.29	2.14	-1.25	5.83	1.32	5.62	1.18	4.16	0.05	3.19	0.38	50.88	5.90			
SCIPIO	7.87	*	2.18	*	5.47	*	1.66	*	2.16	*	2.19	*	0.11	*	1.07	*	5.87	*	5.68	*	3.72	*	3.12	*	41.10	*			
SHORT	7.43	*	2.23	*	5.71	*	2.24	*	*	*	3.85	*	2.77	*	4.42	*	8.98	*	4.68	*	4.99	*	2.61	*	*	*			
STILWELL	8.61	6.53	3.20	0.54	6.97	2.69	4.54	0.04	*	*	4.59	0.37	1.56	-1.49	1.99	-1.90	5.78	1.06	8.16	4.08	5.09	1.31	3.08	-0.08	*	*			
TAHLEQUAH	6.25	4.24	1.98	-0.43	5.53	1.44	1.73	-2.43	4.46	-0.92	1.82	-2.71	5.99	3.01	1.93	-1.78	6.12	1.13	6.65	2.44	4.93	1.35	2.38	-0.62	49.78	4.72			
WEBBERS FALL	8.54	6.73	*	*	*	*	1.90	-2.30	3.00	-2.64	*	*	*	*	1.72	-1.17	7.94	3.33	5.79	1.27	3.29	-0.08	3.19	0.48	*	*			
WESTVILLE	*	*	2.07	*	9.98	*	1.66	*	*	*	2.85	*	*	*	2.28	*	5.92	*	8.32	*	*	*	2.40	*	*	*			
WETUMKA	7.90	6.41	0.95	-1.19	6.23	2.63	2.86	-1.38	3.37	-1.92	2.07	-2.03	0.76	-2.16	*	*	5.35	0.77	6.83	2.99	5.63	2.41	2.90	0.78	*	*			

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

CLIMATE DIVISION 7 (SOUTHWEST)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
ALTUS	1.07	0.23	2.82	1.72	4.24	2.68	0.31	-1.61	1.01	-3.22	0.13	-3.38	0.34	-1.42	2.54	0.09	0.05	-3.39	3.50	1.13	2.30	0.99	0.53	-0.38	18.84	-6.56
ALTUS DAM	1.75	0.98	2.73	1.54	5.65	3.92	0.52	-1.39	2.44	-1.97	0.10	-3.61	0.35	-1.56	1.09	-1.30	0.50	-2.93	3.92	1.18	3.26	1.90	1.21	0.35	23.52	-2.89
ANADARKO	2.89	1.86	2.28	0.87	5.72	3.55	1.91	-0.55	*	*	2.25	-1.61	*	*	0.70	-1.66	0.16	-3.55	5.50	2.80	5.64	3.91	1.16	-0.04	*	*
APACHE	3.05	1.95	2.72	1.28	5.49	3.14	1.70	-0.90	1.21	-3.80	2.28	-1.65	0.00	-2.03	2.31	-0.12	0.15	-3.60	4.93	2.12	5.04	3.23	1.40	0.24	30.28	-0.14
CARNEGIE	2.66	1.73	0.95	-0.40	6.04	4.04	1.60	-0.76	*	*	0.43	-3.57	0.82	-1.18	0.99	-1.33	0.24	-3.79	6.41	4.02	0.89	-0.71	0.96	-0.10	*	*
DUNCAN 11 W	2.87	*	2.45	*	*	*	2.30	*	0.32	*	2.02	*	0.11	*	1.14	*	0.20	*	3.57	*	1.83	*	1.09	*	*	*
HEADRICK	0.87	*	3.02	*	4.33	*	0.60	*	0.86	*	0.70	*	0.81	*	2.41	*	0.49	*	1.67	*	2.20	*	0.00	*	17.96	*
HOBART	*	*	0.80	-0.25	4.55	2.88	0.74	-1.32	1.85	-2.65	*	*	0.48	-1.60	0.60	-1.77	*	*	3.89	1.24	*	*	0.81	-0.03	*	*
HOLLIS	0.52	-0.07	3.22	2.21	3.82	2.44	0.39	-1.59	1.64	-1.88	0.41	-3.28	0.32	-1.30	0.70	-1.74	0.01	-3.12	2.71	0.54	1.97	0.86	0.81	0.13	16.52	-6.80
LAWTON	1.70	0.64	*	*	*	*	1.62	-0.81	0.14	-4.78	2.32	-1.30	*	*	*	*	0.38	-3.28	3.19	0.21	4.15	2.35	1.55	0.30	*	*
LOOKEBA	1.40	0.42	1.52	0.21	5.21	3.03	2.02	-0.44	1.73	-3.08	0.75	-3.41	0.84	-1.05	0.67	-1.91	0.48	-3.87	4.57	1.84	4.93	3.14	1.53	0.51	25.67	-4.61
MANGUM	0.27	-0.48	2.99	1.87	4.43	2.90	0.73	-1.06	2.13	-2.12	0.20	-3.57	0.02	-2.01	0.72	-1.56	0.00	-3.38	4.17	1.51	2.50	1.24	0.30	-0.49	18.47	-7.15
RANDLETT	2.52	*	3.20	*	4.22	*	2.48	*	0.18	*	1.30	*	1.49	*	0.72	*	0.19	*	2.77	*	2.72	*	2.00	*	23.80	*
ROOSEVELT	1.67	0.81	1.15	0.01	5.26	3.53	0.65	-1.71	1.84	-3.01	0.08	-3.58	0.88	-1.18	0.95	-1.43	0.35	-2.98	3.40	0.84	3.39	1.91	0.92	-0.05	20.54	-6.84
SEDAN	1.24	*	2.02	*	5.58	*	1.86	*	1.47	*	0.49	*	0.74	*	0.45	*	0.94	*	4.88	*	2.60	*	0.80	*	23.07	*
SNYDER	2.13	1.23	1.90	0.67	5.34	3.55	0.64	-1.61	*	*	1.93	-1.53	1.78	-0.28	2.05	-0.46	2.17	-1.40	3.60	1.07	3.24	1.70	0.59	-0.39	*	*
VINSON	0.99	0.51	2.53	1.66	3.82	2.35	1.05	-0.63	2.84	-1.13	0.89	-2.57	0.11	-1.52	0.52	-1.77	0.07	-3.13	6.12	3.92	2.44	1.22	1.06	0.36	22.44	-0.73
WALTERS	*	*	2.04	0.24	4.44	1.89	3.19	0.31	0.30	-4.82	1.89	-2.25	0.50	-1.86	0.97	-1.71	0.33	-3.92	3.15	-0.09	3.29	1.20	1.70	0.30	*	*
WILLOW	1.65	*	1.60	*	5.40	*	0.91	*	3.13	*	0.69	*	0.13	*	1.09	*	0.03	*	4.31	*	2.40	*	0.56	*	21.90	*

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

CLIMATE DIVISION 8 (SOUTH CENTRAL)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
ADA	7.37	5.91	1.63	-0.52	6.87	3.61	4.10	0.61	0.85	-4.77	1.52	-2.58	0.02	-2.39	4.55	1.62	2.67	-1.79	3.96	-0.28	2.75	-0.05	2.53	0.55	38.83	-0.08
ALLEN	9.90	*	1.50	*	8.04	*	2.10	*	1.97	*	1.85	*	0.40	*	0.71	*	4.59	*	3.19	*	3.48	*	3.00	*	40.73	*
ARDMORE	6.13	4.67	1.27	-0.75	5.68	2.58	1.23	-2.30	0.23	-4.75	2.63	-1.23	0.00	-2.13	1.17	-1.36	0.95	-3.22	7.51	3.67	1.16	-1.27	2.63	0.78	30.59	-5.31
BOKCHITO	*	*	3.57	*	3.51	*	2.06	*	0.90	*	2.86	*	0.00	*	0.07	*	2.15	*	3.22	*	2.27	*	2.82	*	*	*
CANEY	7.99	*	2.01	*	5.50	*	1.13	*	1.03	*	2.01	*	1.85	*	0.58	*	2.83	*	6.73	*	3.17	*	4.65	*	39.48	*
CENTRAHOMA	8.10	*	2.15	*	7.20	*	1.15	*	0.45	*	3.05	*	*	*	1.68	*	3.38	*	*	*	*	*	4.25	*	*	*
CHICKASAW NR	*	*	1.51	-0.47	4.88	1.44	*	*	0.86	-4.89	*	*	0.13	-2.54	0.93	-1.20	2.07	-2.57	6.66	2.14	3.71	1.04	*	*	*	*
COLEMAN	3.60	*	*	*	7.65	*	1.20	*	0.83	*	*	*	0.00	*	0.40	*	1.63	*	6.22	*	3.39	*	3.52	*	*	*
COMANCHE	3.91	2.68	1.14	-0.60	8.71	6.08	4.02	1.04	1.05	-3.96	0.79	-3.03	0.00	-1.95	2.31	-0.44	0.65	-3.83	6.15	2.98	2.85	0.77	2.67	1.07	34.25	0.81
DAISY	8.72	6.40	2.34	-0.78	5.12	0.74	1.53	-3.52	2.96	-3.95	4.38	0.12	0.42	-3.01	3.93	0.73	8.33	2.77	6.54	2.03	4.45	0.45	5.21	2.30	53.94	4.28
DUNCAN	5.76	4.57	1.64	-0.06	5.12	2.53	3.41	0.42	0.50	-4.64	2.31	-1.67	0.05	-2.20	1.24	-1.19	0.36	-4.05	3.60	0.24	2.26	0.11	1.58	0.09	27.84	-5.85
ELMORE CITY	4.69	*	1.45	*	4.39	*	4.15	*	0.40	*	1.88	*	0.03	*	0.27	*	1.75	*	7.03	*	2.82	*	1.62	*	30.48	*
GRADY	4.59	*	1.56	*	5.16	*	1.75	*	0.44	*	2.90	*	0.00	*	2.02	*	0.32	*	3.05	*	2.64	*	1.76	*	26.19	*
HEALDTON	5.26	3.85	*	*	*	*	2.06	-1.38	*	*	*	*	0.01	-1.96	0.75	-1.69	3.52	-1.02	3.62	0.04	*	*	2.25	0.60	*	*
HENNEPIN	3.58	*	1.27	*	3.96	*	3.75	*	0.27	*	3.22	*	0.05	*	1.06	*	0.98	*	6.71	*	0.76	*	1.69	*	27.31	*
KETCHUM RAN	3.89	*	1.06	*	7.11	*	3.57	*	0.48	*	2.76	*	0.03	*	2.42	*	0.71	*	5.50	*	3.05	*	2.14	*	32.72	*
KINGSTON	5.80	3.85	1.51	-1.12	6.40	2.84	1.66	-2.22	0.62	-4.67	3.44	-0.64	0.45	-1.66	1.74	-0.86	2.32	-2.46	5.33	1.06	2.53	-0.30	4.08	1.96	35.89	-4.22
LEHIGH	8.16	*	0.85	*	6.05	*	1.50	*	1.05	*	5.70	*	0.00	*	1.35	*	2.10	*	5.40	*	4.21	*	2.55	*	38.93	*
LINDSAY	6.52	5.25	0.64	-1.14	6.11	3.22	4.11	0.76	1.34	-4.10	0.79	-3.23	*	*	1.24	-1.19	1.64	-2.67	5.04	1.39	1.06	-1.16	1.70	0.01	*	*
LOCO	3.84	*	1.77	*	5.43	*	3.28	*	0.35	*	4.86	*	0.12	*	0.67	*	1.34	*	4.50	*	2.57	*	1.61	*	30.34	*
MARIETTA	4.51	3.07	*	*	*	*	1.53	-2.08	0.68	-4.25	3.85	-0.15	*	*	2.69	0.02	*	*	3.33	-0.37	3.13	0.53	1.51	-0.34	*	*
MARLOW	2.94	1.87	2.51	0.92	5.27	2.83	4.54	1.62	0.36	-4.79	1.67	-2.51	0.03	-2.29	2.04	-0.56	*	*	*	*	2.42	0.28	2.60	1.21	*	*
MCGEE CREEK	8.58	*	2.71	*	5.79	*	*	*	2.43	*	3.68	*	0.00	*	2.01	*	4.44	*	6.04	*	*	*	5.10	*	*	*
PAULS VALLEY	4.46	2.99	1.27	-0.58	*	*	1.03	-2.42	0.73	-5.01	*	*	0.17	-2.09	0.49	-1.71	2.49	-1.56	6.76	2.83	3.39	0.86	1.45	-0.35	*	*
PONTOTOC	7.63	6.09	1.39	-0.74	5.69	2.04	1.94	-1.88	1.46	-4.23	5.67	1.56	0.04	-2.50	2.83	0.10	3.13	-0.87	6.54	2.33	3.29	0.33	3.05	1.19	42.66	3.42
TISHOMINGO	6.66	4.94	1.33	-1.03	5.81	2.11	1.69	-2.51	*	*	*	*	0.13	-2.59	1.01	-1.62	1.49	-3.42	*	*	*	*	*	*	*	*
TUSSY	4.38	*	1.64	*	*	*	*	*	0.06	*	2.75	*	0.04	*	1.11	*	0.76	*	5.93	*	1.44	*	1.99	*	*	*
WAURIKA	4.17	3.07	1.34	-0.28	5.31	2.95	2.63	-0.31	0.33	-4.07	3.18	-0.55	0.36	-1.45	2.64	-0.01	0.54	-3.37	3.13	0.17	1.96	0.14	0.72	-0.83	26.32	-4.54

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

CLIMATE DIVISION 9 (SOUTHEAST)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
ANTLERS	6.14	4.10	2.27	-0.44	5.52	1.73	1.12	-3.20	3.12	-3.08	1.70	-2.78	0.43	-2.84	2.50	-0.29	5.54	0.73	6.70	2.12	3.89	0.16	4.28	1.40	43.21	-2.39
BATTIEST	7.66	*	4.55	*	5.94	*	2.12	*	*	*	3.40	*	0.96	*	3.08	*	10.93	*	*	*	*	*	4.75	*	*	*
BENGAL	8.76	*	2.93	*	5.45	*	3.05	*	4.30	*	5.37	*	0.51	*	4.38	*	5.73	*	6.91	*	3.37	*	4.18	*	54.94	*
BOSWELL	8.33	6.29	3.80	0.74	5.29	1.51	2.23	-1.67	1.38	-4.29	*	*	0.05	-2.47	1.18	-1.33	2.31	-2.16	5.51	1.32	*	*	4.44	1.66	*	*
BROKEN BOW	6.84	4.28	*	*	5.02	0.13	1.75	-2.76	2.82	-3.50	1.61	-2.73	0.33	-3.20	2.19	-0.74	10.33	5.79	3.91	-0.42	3.29	-0.95	5.63	1.65	*	*
CARNASAW	6.23	3.41	6.03	2.49	4.58	-0.68	1.62	-3.27	2.79	-4.00	1.80	-2.75	1.95	-2.06	2.64	-0.31	10.80	6.21	4.39	-0.21	1.90	-2.58	5.03	0.92	49.77	-2.83
CARTER TWR	6.94	4.35	6.21	2.64	4.69	-0.17	2.40	-2.28	2.04	-4.78	2.36	-1.91	2.11	-1.88	1.87	-1.78	9.14	4.35	7.00	1.94	*	*	4.40	0.28	*	*
FANSHAW	9.24	7.06	3.67	0.53	6.40	2.07	1.95	-2.66	7.61	0.98	1.51	-2.72	1.07	-2.54	0.86	-2.20	12.39	7.71	8.05	4.16	4.06	-0.45	2.85	-0.36	59.66	11.58
HEAVENER	*	*	4.11	1.17	5.90	1.82	1.82	-2.65	3.59	-2.91	1.54	-2.53	1.16	-2.28	*	*	7.25	2.68	5.90	1.83	3.25	-1.04	*	*	*	*
HUGO	6.46	4.30	3.66	0.33	*	*	*	*	2.35	-3.63	2.12	-2.63	1.10	-1.69	0.90	-1.77	4.94	0.41	3.71	-0.53	5.09	1.14	*	*	*	*
IDABEL	8.55	5.83	5.27	1.74	4.06	-0.79	1.94	-2.48	2.37	-3.53	0.85	-3.44	1.45	-1.89	1.87	-0.69	8.02	3.83	3.61	-0.86	3.75	-0.35	5.65	1.97	47.40	-0.66
POTEAU	7.05	*	3.88	*	6.94	*	1.89	*	5.66	*	1.63	*	2.45	*	0.39	*	7.36	*	5.55	*	3.81	*	3.50	*	50.12	*
SMITHVILLE	6.01	3.03	4.81	1.17	*	*	2.15	-2.59	*	*	*	*	*	*	*	*	7.10	2.53	*	*	3.40	-0.98	4.36	0.01	*	*
SPIRO	7.98	5.90	3.29	0.41	6.07	1.76	1.57	-2.79	3.48	-2.24	3.66	0.13	2.02	-1.22	0.77	-1.56	7.51	3.47	6.91	3.09	3.88	-0.54	3.52	0.46	50.66	6.87
TUSKAHOMA	6.08	4.06	2.31	-0.63	5.67	1.54	2.73	-1.99	2.66	-4.04	*	*	0.02	-3.69	1.35	-1.95	8.92	3.74	*	*	3.15	-0.98	4.16	1.34	*	*
VALLIANT	7.32	5.01	4.89	1.42	4.56	0.10	1.63	-2.71	2.65	-3.53	1.04	-2.95	1.43	-2.03	1.13	-1.33	11.84	6.87	7.47	3.47	3.73	-0.43	5.30	1.59	53.00	5.48
WILBURTON	9.18	6.94	1.90	-1.13	5.93	1.76	2.64	-2.06	5.89	-0.20	4.43	0.31	0.17	-3.59	2.78	-0.32	10.49	5.60	8.35	4.04	3.39	-0.90	3.89	0.90	59.05	11.35
WISTER	8.45	*	3.92	*	6.23	*	*	*	*	*	*	*	0.84	*	*	*	6.06	*	5.87	*	*	*	*	*	*	*

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (FARENHEIT)

	CLIMATE DIVISION 1 (PANHANDLE)																									
	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
ARNETT	36.3	3.8	41.3	4.2	39.9	-5.9	52.8	-4.3	68.7	3.0	76.3	1.6	82.8	2.4	78.9	0.3	77.0	7.0	60.1	1.3	48.7	3.0	36.4	1.0	58.3	1.4
BEAVER	33.5	1.9	40.0	4.0	39.1	-5.5	52.5	-3.3	68.9	4.0	76.6	1.7	82.3	1.6	77.7	-0.9	75.1	5.4	60.1	2.5	47.8	3.6	34.5	0.5	57.4	1.3
BOISE CITY	36.9	2.7	39.4	1.4	41.0	-4.3	50.3	-4.9	67.0	3.7	73.9	0.8	79.2	1.3	74.3	-1.2	74.1	6.3	59.4	2.2	48.3	3.6	36.5	0.8	56.7	1.0
BUFFALO	37.6	3.0	43.9	3.9	43.0	-6.0	56.4	-3.3	72.0	3.8	80.8	3.3	86.3	3.1	82.4	1.1	*	*	62.8	1.2	52.0	5.0	39.4	2.3	*	*
GAGE	*	*	*	*	41.7	-6.3	54.5	-4.2	70.7	3.5	*	*	*	*	78.4	-1.7	*	*	60.5	0.1	50.9	4.1	*	*	*	*
GATE	35.6	3.2	41.8	4.3	40.5	-5.3	53.9	-3.3	70.3	4.0	*	*	83.1	1.3	78.7	-1.0	77.1	5.9	61.3	2.0	49.7	4.2	36.7	1.7	*	*
GOODWELL	36.3	4.4	*	*	39.3	-4.6	*	*	*	*	77.6	4.5	81.6	3.1	77.4	1.0	75.7	7.6	60.3	3.5	*	*	*	*	*	*
GUYMON	37.6	*	*	*	*	*	*	*	67.9	*	76.1	*	81.5	*	77.0	*	75.4	*	*	*	48.4	*	36.1	*	*	*
HOOVER	35.0	2.1	*	*	*	*	*	*	71.3	6.2	78.3	3.5	81.9	1.9	78.4	0.7	76.9	7.4	61.5	3.3	48.8	4.2	36.3	1.3	*	*

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (FARENHEIT)

	CLIMATE DIVISION 2 (NORTH CENTRAL)																									
	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
ALVA	36.9	*	42.4	*	42.0	*	56.4	*	71.2	*	80.0	*	85.3	*	82.4	*	80.6	*	61.7	*	50.0	*	38.6	*	60.7	*
BILLINGS	36.9	4.1	42.9	5.1	42.9	-4.9	54.2	-3.9	70.6	3.0	79.8	2.7	84.0	0.7	82.3	1.3	80.0	7.6	62.7	1.8	51.4	4.0	38.8	2.8	60.6	2.0
BLACKWELL	36.6	3.7	*	*	42.5	-5.6	55.2	-3.5	70.8	3.3	78.5	1.3	82.8	0.2	82.3	1.2	79.7	6.8	62.5	1.3	51.0	3.4	38.7	2.2	*	*
CHEROKEE	36.5	2.0	*	*	*	*	*	*	74.5	5.5	82.9	4.2	86.3	2.2	82.3	0.1	79.0	5.2	*	*	50.0	2.1	37.5	0.2	*	*
ENID	37.5	2.4	42.9	2.8	*	*	55.1	-5.4	*	*	*	*	85.3	2.0	*	*	81.0	7.6	62.7	0.3	50.6	2.0	*	*	*	*
FT SUPPLY	35.8	3.6	40.4	3.3	39.8	-6.2	*	*	*	*	77.1	1.8	83.0	2.3	78.6	-0.5	75.8	5.4	59.0	0.1	48.4	2.9	35.4	0.7	*	*
FREEDOM	34.4	0.4	41.0	1.7	*	*	*	*	*	*	78.0	0.4	84.6	1.6	*	*	78.1	5.4	60.5	-0.5	48.7	1.7	36.5	0.1	*	*
GRT SLT PLNS	*	*	*	*	*	*	56.5	-1.9	72.6	4.8	*	*	84.9	1.9	82.8	1.9	80.3	8.3	62.6	2.0	50.9	4.1	38.4	2.8	*	*
HELENA	37.7	5.9	42.8	6.1	46.6	0.3	58.1	1.0	71.1	4.6	80.1	3.8	84.5	2.6	81.9	1.6	80.0	8.5	61.8	2.0	49.7	3.7	37.6	2.5	61.0	3.5
JEFFERSON	39.1	5.0	44.6	5.4	45.4	-3.7	57.7	-2.0	72.3	3.6	80.8	2.4	84.8	1.3	*	*	80.6	7.3	63.5	1.5	*	*	40.1	3.1	*	*
MUTUAL	37.0	4.5	41.7	4.3	41.6	-4.6	53.5	-3.6	69.7	3.7	78.9	3.0	84.1	2.3	80.5	0.5	78.1	6.9	61.2	1.8	49.1	2.9	37.2	1.7	59.4	1.9
NEWKIRK	36.0	2.8	42.1	3.6	41.4	-7.4	53.5	-6.1	69.7	1.6	*	*	82.5	0.0	81.9	1.0	79.3	6.6	62.1	0.5	50.9	2.9	38.0	1.4	*	*
PERRY	38.7	3.0	*	*	*	*	56.5	-4.9	73.6	4.4	80.4	2.7	86.7	4.0	*	*	82.0	8.4	64.1	1.3	52.9	3.3	41.3	2.5	*	*
PONCA CITY	*	*	46.1	8.5	45.3	-2.6	56.6	-2.5	73.3	5.5	80.2	3.2	84.7	2.2	*	*	81.1	9.0	64.0	3.3	54.0	6.8	41.3	5.5	*	*

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (FARENHEIT)

	CLIMATE DIVISION 3 (NORTHEAST)																									
	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
BARNSDALL	39.4	4.8	43.0	3.0	45.6	-4.5	57.6	-3.5	71.3	2.7	78.8	2.0	84.2	2.0	83.2	2.5	79.3	6.4	61.6	0.2	52.5	3.4	40.7	2.6	61.5	1.8
BARTLESVILLE	39.4	4.7	43.9	3.9	46.2	-4.0	58.4	-2.9	72.8	4.1	79.6	2.8	84.1	2.0	83.0	2.5	80.1	7.3	62.5	0.9	52.6	3.4	39.7	1.6	61.9	2.2
BIXBY	39.5	5.5	44.9	6.0	46.1	-2.4	56.1	-3.3	71.2	3.6	78.8	2.9	*	*	83.7	4.4	*	*	63.2	2.7	51.3	2.9	40.3	2.1	*	*
CLAREMORE	37.9	4.8	42.7	4.5	45.1	-2.9	55.2	-3.8	70.6	3.6	77.9	2.3	83.3	2.1	82.1	2.4	*	*	61.8	1.4	51.4	2.9	41.3	3.9	*	*
CLEVELAND	38.7	*	*	*	*	*	56.0	*	70.2	*	77.8	*	*	*	*	*	78.8	*	61.1	*	*	*	39.5	*	*	*
KANSAS	41.7	5.7	44.0	3.0	47.1	-3.3	57.8	-2.7	70.9	3.7	76.7	2.0	*	*	*	*	78.9	7.3	*	*	*	*	*	*	*	*
MANNFORD	40.9	5.4	45.4	4.5	46.9	-4.0	57.5	-4.5	71.8	3.3	*	*	84.8	2.8	83.5	2.7	79.7	7.1	62.1	0.0	54.1	4.2	41.6	2.7	*	*
PAWUSKA	39.3	5.2	43.9	4.4	45.9	-3.7	58.3	-2.3	71.9	3.9	78.5	2.3	83.5	1.9	82.7	2.5	79.6	7.3	62.3	1.1	52.7	4.1	39.9	2.3	61.6	2.4
PRYOR	39.1	6.1	*	*	*	*	55.8	-3.0	70.5	3.5	77.9	2.6	83.4	2.7	81.8	2.6	79.1	7.9	*	*	51.9	4.0	*	*	*	*
RALSTON	39.6	4.9	*	*	44.5	4.5	46.0	-4.0	58.3	-2.6	72.6	3.8	79.8	2.8	84.3	2.4	83.1	2.6	79.9	7.1	62.4	0.8	52.9	3.8	*	*
SPAVINAW	41.9	5.4	45.7	4.4	48.3	-2.9	59.2	-2.4	73.8	5.1	80.3	3.7	85.4	3.4	84.0	3.2	81.1	7.4	65.1	2.0	56.1	4.8	43.0	2.6	63.7	3.0
TULSA	39.9	4.7	44.7	4.4	46.6	-4.0	57.8	-3.7	72.9	3.6	79.9	2.2	85.4	2.1	84.1	2.6	80.8	7.5	63.0	0.8	53.4	3.5	40.8	1.9	62.5	2.1
UPPER SPAVNW	*	*	44.3	*	48.2	*	57.8	*	73.5	*	81.1	*	86.0	*	82.0	*	79.0	*	62.9	*	*	*	*	*	*	*
VINITA	39.6	6.0	*	*	*	*	56.9	-2.6	69.5	2.5	*	*	*	*	81.3	2.3	*	*	*	*	53.0	4.5	39.5	2.0	*	*
WAGONER	41.4	4.6	46.1	4.3	48.8	-2.9	59.4	-2.4	73.6	4.6	80.2	3.5	86.5	4.6	84.5	3.7	81.6	8.2	64.4	1.5	54.7	3.7	41.8	1.2	63.6	2.9

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (FARENHEIT)

CLIMATE DIVISION 4 (WEST CENTRAL)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
CANTON DAM	37.0	3.8	43.0	4.6	43.0	-4.4	54.7	-3.5	*	*	80.0	3.6	86.2	4.1	*	*	79.3	7.4	62.2	1.8	49.9	2.9	37.8	1.6	*	*
CLINTON	40.2	3.6	44.5	3.0	45.8	-5.0	57.4	-3.6	73.7	4.2	83.3	5.0	87.8	4.0	82.9	0.5	81.6	7.7	64.0	1.5	51.9	2.4	40.0	0.7	62.8	2.0
CORDELL	*	*	*	*	*	*	*	*	*	*	*	*	87.9	4.7	82.7	1.2	80.5	7.1	63.8	1.4	50.9	1.7	39.5	0.4	*	*
ELK CITY	39.2	3.0	42.9	1.8	43.0	-7.0	56.0	-4.3	71.5	2.9	79.3	2.3	85.6	3.7	81.0	0.9	79.4	7.2	*	*	50.9	2.3	39.4	0.7	*	*
ERICK	39.7	3.1	43.2	1.7	44.3	-5.9	56.0	-4.2	71.5	3.2	80.1	3.4	86.6	4.9	81.2	1.1	79.0	6.6	63.3	1.8	50.9	2.0	38.9	-0.1	61.3	1.5
HAMMON	37.6	4.1	*	*	43.0	-4.4	53.9	-4.6	70.2	3.3	78.0	1.5	*	*	*	77.4	6.1	61.3	1.8	*	*	37.6	1.4	*	*	
OKEENE	39.3	3.1	44.4	3.2	44.3	-6.2	56.7	-4.2	72.8	3.5	81.9	3.6	87.2	3.7	83.9	2.0	81.7	8.0	64.3	1.5	53.2	3.9	40.5	1.6	62.6	2.0
TALOGA	*	*	42.6	2.8	43.2	-5.7	54.7	-4.4	70.6	3.0	79.7	2.9	85.8	3.8	82.2	1.9	78.7	6.6	61.5	0.8	49.3	1.9	38.5	1.2	*	*
WATONGA	39.3	3.9	44.4	4.1	45.4	-4.2	56.7	-3.3	73.1	4.7	81.5	4.3	86.5	4.1	83.5	2.6	80.3	7.6	62.8	1.1	52.5	4.1	39.5	1.4	62.2	2.5
WEATHERFORD	38.1	3.8	*	*	*	*	55.0	-3.7	72.3	4.0	81.6	4.5	87.1	5.0	83.0	2.5	*	*	63.5	2.8	51.2	3.5	38.6	1.5	*	*

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (FARENHEIT)

CLIMATE DIVISION 5 (CENTRAL)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
BLANCHARD	43.2	4.9	46.9	3.9	48.7	-3.8	59.2	-3.0	74.0	4.4	81.9	4.8	89.0	6.4	85.2	3.4	82.0	8.0	65.9	2.5	*	*	42.5	1.2	*	*
BRISTOW	41.6	4.8	46.4	4.4	47.7	-4.0	59.2	-3.0	72.8	3.6	80.7	3.8	86.6	4.6	84.4	3.5	*	*	64.6	1.6	54.6	4.1	42.3	2.2	*	*
CHANDLER	39.1	1.9	*	*	*	*	57.0	-5.1	71.6	2.4	79.5	2.5	87.0	4.5	84.5	3.1	81.4	8.1	64.0	1.2	*	*	41.4	1.0	*	*
CHICKASHA	42.8	5.5	47.2	4.6	48.4	-3.8	59.4	-3.1	74.4	4.0	83.9	5.5	89.2	6.3	85.1	4.0	82.7	9.1	66.7	3.7	54.4	3.6	42.1	1.6	64.7	3.4
CUSHING	39.3	5.1	44.2	5.1	*	*	56.9	-3.2	71.8	3.8	*	*	85.3	3.4	*	*	80.5	8.0	63.7	2.1	52.9	3.6	42.1	3.9	*	*
EL RENO	42.2	6.5	46.1	5.3	47.2	-3.1	56.8	-3.8	72.0	3.3	*	*	*	*	83.0	2.1	80.0	7.2	64.4	2.3	52.6	3.7	41.2	2.4	*	*
GUTHRIE	38.7	2.4	*	*	44.7	-6.6	*	*	72.1	2.4	78.5	0.6	88.2	4.9	85.2	3.0	80.5	6.3	*	*	52.9	2.6	40.8	0.9	*	*
HENNESSEY	38.8	3.7	42.8	2.6	44.2	-5.6	56.1	-4.1	*	*	81.5	3.7	87.2	3.9	*	*	*	*	*	*	52.3	3.6	39.4	1.3	*	*
KINGFISHER	*	*	43.1	2.0	*	*	55.6	-5.5	70.3	0.9	79.9	1.8	*	*	*	*	*	*	64.0	1.2	51.7	2.1	*	*	*	*
MEEKER	41.3	4.6	44.6	2.7	46.3	-5.4	55.7	-5.9	69.2	0.2	78.2	1.5	*	*	82.1	0.8	78.9	5.7	*	*	50.9	0.5	40.4	0.2	*	*
NORMAN NWS	40.1	2.3	*	*	47.1	-5.3	57.1	-5.4	71.0	1.3	81.0	3.8	87.2	5.0	84.0	2.8	80.5	6.5	63.9	0.6	52.3	1.2	40.8	-0.2	*	*
OKEMAH	43.9	6.4	48.4	5.9	49.9	-2.1	60.8	-1.1	74.9	5.9	83.2	6.5	88.5	6.9	86.0	5.1	82.2	8.9	66.2	3.1	55.8	4.5	44.4	3.6	65.4	4.5
OKLA CITY AS	40.7	4.8	45.5	4.6	47.3	-3.0	57.4	-3.0	72.5	4.1	81.1	4.4	88.0	6.0	85.0	3.9	81.2	8.2	64.4	2.4	53.2	3.6	41.6	2.3	63.2	3.2
PURCELL	39.2	1.8	44.3	1.6	45.4	-7.1	55.4	-7.0	70.6	0.6	79.7	2.0	*	*	83.5	1.6	80.9	6.7	64.2	1.0	52.6	1.7	40.5	0.0	*	*
SEMINOLE	40.1	1.3	44.8	0.7	47.1	-6.3	57.6	-6.0	73.5	2.9	80.4	2.1	88.0	4.6	84.0	1.4	80.4	5.6	64.2	-0.2	52.2	-0.1	40.2	-1.8	62.8	0.3
STILLWATER	*	*	44.0	5.4	45.5	-2.7	56.5	-2.8	72.1	4.4	80.0	3.8	85.7	4.1	83.8	3.5	80.3	8.2	63.6	3.1	52.5	4.0	*	*	*	*

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (FARENHEIT)

CLIMATE DIVISION 6 (EAST CENTRAL)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
EUFULA	42.8	3.9	47.4	3.8	49.5	-3.9	61.4	-1.9	74.6	4.2	81.3	3.3	89.5	6.2	87.0	4.8	82.7	8.0	67.2	2.6	56.1	3.4	*	*	*	*
HANNA	42.0	4.0	46.4	3.3	48.4	-4.3	59.5	-2.9	72.8	3.3	80.5	3.3	86.8	5.0	84.0	3.0	81.3	7.7	64.9	1.9	54.8	3.1	42.2	0.7	63.7	2.3
MCALESTER	43.2	5.6	46.9	4.4	50.2	-2.0	59.2	-2.7	73.9	4.8	81.4	4.3	89.3	7.4	85.1	3.8	80.8	7.1	65.3	2.2	54.8	3.0	42.5	1.3	64.4	3.3
MCCURTAIN	46.1	6.8	48.0	4.0	50.5	-3.0	61.8	-1.2	*	*	81.0	3.6	88.2	5.8	85.5	4.1	81.7	7.7	66.6	2.9	56.1	3.4	43.6	1.1	*	*
MUSKOGEE	42.3	5.0	46.5	4.4	48.3	-3.8	59.0	-3.0	*	*	79.7	2.7	*	*	83.9	2.8	81.0	7.5	64.3	1.7	54.0	3.0	42.0	1.4	*	*
OKMULGEE	40.6	5.8	*	*	48.0	-1.6	57.2	-3.0	72.6	4.4	79.1	3.0	*	*	*	*	*	*	64.3	2.5	54.5	5.0	42.3	2.9	*	*
SALLISAW	42.5	4.6	45.5	2.4	47.7	-4.6	58.6	-3.7	72.0	2.6	79.8	2.7	86.1	4.3	84.2	3.2	80.8	7.0	65.2	2.0	54.0	2.4	43.2	1.9	63.3	2.1
STILWELL	41.5	5.1	42.7	1.5	45.7	-4.8	55.0	-5.3	68.0	0.6	75.3	0.3	82.7	2.8	80.6	1.8	76.8	5.1	60.5	-0.8	52.3	2.3	40.3	0.3	60.2	0.7
TAHLEQUAH	42.1	5.8	44.7	3.4	48.1	-3.0	58.3	-2.8	71.5	3.5	77.0	1.4	83.4	2.9	82.2	2.4	79.2	6.7	63.0	1.2	53.9	3.7	41.4	1.7	62.1	2.2
WEBBERS FALL	41.7	6.4	*	*	*	*	57.9	-2.4	72.1	3.6	*	*	*	*	84.7	4.5	81.3	8.5	64.6	3.2	53.2	3.0	42.3	2.9	*	*

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (FARENHEIT)

CLIMATE DIVISION 7 (SOUTHWEST)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP	
ALTUS	41.3	1.8	45.0	0.7	47.5	-6.0	58.4	-4.9	75.3	3.7	84.7	4.8	89.1	4.6	83.8	1.0	81.5	6.4	65.2	0.6	52.3	0.2	*	*	*	*	*
ALTUS DAM	39.4	3.0	43.3	1.8	45.0	-5.8	58.6	-2.8	76.4	6.3	85.3	6.4	90.8	6.6	84.7	2.2	81.9	7.9	66.6	4.1	53.0	3.4	40.6	0.9	63.8	2.8	
ANADARKO	38.6	2.2	43.7	1.7	45.0	-6.4	55.4	-6.1	*	*	80.9	3.4	86.3	3.5	81.7	0.3	78.8	5.1	63.4	1.0	51.3	1.3	39.1	-0.5	*	*	
CARNEGIE	40.7	3.9	45.2	3.2	47.3	-4.1	56.5	-5.1	*	*	83.4	5.3	88.4	5.0	83.9	2.1	81.3	7.4	64.1	1.1	52.5	2.4	39.0	-0.9	*	*	
CHATTANOOGA	41.6	2.9	*	*	*	*	58.0	-4.7	74.7	3.7	83.5	4.1	*	*	84.7	1.6	*	*	67.2	2.9	53.1	1.5	*	*	*	*	
FREDERICK	*	*	*	*	47.9	-3.7	58.3	-4.0	75.3	5.0	*	*	88.6	4.2	*	*	81.8	7.3	*	*	54.2	3.5	*	*	*	*	
HOBART	*	*	*	*	46.3	-5.2	56.6	-4.8	74.3	4.4	83.6	5.0	88.7	5.0	83.3	1.3	*	*	64.9	2.0	*	*	*	39.8	-0.1	*	*
HOLLIS	42.5	4.0	44.8	1.2	47.8	-5.1	58.5	-4.4	75.2	4.0	83.9	4.3	89.0	4.8	83.6	1.3	82.0	7.5	65.9	2.6	53.1	2.5	41.0	0.2	64.0	1.9	
LAWTON	41.4	4.6	*	*	48.0	-3.3	59.0	-2.9	75.0	5.0	83.2	4.9	*	*	84.9	2.6	82.3	8.3	66.8	4.2	53.6	3.0	41.7	1.8	*	*	
MANGUM	40.1	1.9	44.3	0.8	46.8	-6.3	57.3	-5.6	73.4	2.0	81.3	1.8	88.3	4.1	82.8	0.2	80.0	5.3	65.9	2.1	52.8	2.0	40.9	0.1	62.9	0.7	
WALTERS	42.4	2.8	46.6	1.9	48.6	-5.4	58.4	-5.1	74.8	3.3	83.4	4.1	88.7	4.6	85.2	2.0	82.7	7.2	66.9	2.3	53.5	1.1	42.3	-0.2	64.5	1.5	
WICHITA MTNS	39.9	4.3	*	*	47.3	-2.3	*	*	*	*	*	*	87.9	5.8	82.7	1.9	79.8	7.4	*	*	*	*	38.5	0.0	*	*	

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (FARENHEIT)

CLIMATE DIVISION 8 (SOUTH CENTRAL)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
ADA	41.1	2.1	46.7	3.0	48.5	-4.4	58.8	-3.6	73.4	3.8	81.3	4.4	89.0	6.8	84.2	2.9	80.8	7.0	65.4	1.8	53.3	1.2	41.7	-0.5	63.7	2.0
ARDMORE	44.2	2.5	48.8	2.3	50.8	-4.7	61.8	-3.0	76.9	4.9	84.5	5.2	90.3	6.3	86.9	3.5	82.7	6.5	68.3	2.2	55.1	0.6	44.9	0.2	66.3	2.2
CHICKASAW NR	*	*	45.9	3.7	48.4	-2.9	*	*	72.6	3.6	80.6	3.7	87.7	5.6	84.1	2.5	81.3	7.7	65.5	3.1	*	*	*	*	*	*
DUNCAN	41.5	4.0	46.8	4.1	47.3	-4.5	58.6	-3.9	73.2	3.2	81.8	3.9	88.0	4.9	84.2	2.1	81.8	7.6	66.7	3.5	54.2	2.8	42.0	0.7	63.9	2.4
HEALDTON	42.8	3.4	*	*	*	*	58.5	-4.7	73.3	2.8	*	*	88.5	5.6	85.5	3.3	81.3	6.7	66.6	2.6	*	*	42.9	0.6	*	*
LINDSAY	40.4	2.2	44.9	1.6	47.7	-5.0	56.5	-5.9	72.4	2.4	80.3	2.8	87.5	4.8	83.8	2.2	80.7	7.1	64.2	0.8	52.6	1.3	40.1	-1.1	62.6	1.1
MARIETTA	44.7	4.0	*	*	*	*	58.4	-5.2	72.9	2.2	81.1	3.0	*	*	83.8	1.2	*	*	66.7	1.5	54.3	0.8	43.7	-0.1	*	*
MARLOW	43.3	4.9	47.5	4.0	49.5	-3.5	59.3	-3.0	74.4	4.9	83.2	6.1	89.3	7.0	84.9	3.5	83.3	9.6	67.2	3.8	54.0	2.5	41.9	0.4	64.9	3.3
MCGEE CREEK	44.1	*	47.8	*	49.8	*	60.1	*	74.1	*	81.0	*	89.6	*	85.5	*	80.6	*	65.9	*	*	*	44.5	*	*	*
PAULS VALLEY	39.9	1.1	45.2	1.3	46.9	-6.5	57.1	-6.1	71.6	1.0	81.6	3.3	88.2	4.9	84.2	1.8	81.2	6.6	65.3	1.3	52.9	0.8	40.8	-1.0	62.9	0.7
TISHOMINGO	43.5	3.6	47.4	2.5	49.8	-4.4	59.7	-3.7	*	*	*	*	87.5	4.2	80.2	-2.3	73.8	-1.2	*	*	*	*	*	*	*	*
WAURIKA	44.9	4.4	48.5	3.1	50.8	-4.0	59.8	-4.3	76.4	4.7	85.6	6.3	90.6	6.3	85.5	2.2	83.3	7.6	69.0	3.9	55.8	2.7	44.0	0.6	66.2	2.8

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (FARENHEIT)

CLIMATE DIVISION 9 (SOUTHEAST)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
ANTLERS	45.7	5.5	47.6	2.8	51.5	-2.4	60.8	-2.2	73.8	4.1	81.7	4.5	88.4	7.1	85.0	3.8	81.0	6.9	66.4	3.1	56.0	3.0	44.8	1.7	63.3	3.2
BATTIEST	42.3	*	45.3	*	46.9	*	56.5	*	*	*	78.0	*	85.2	*	82.3	*	77.8	*	*	*	53.7	*	43.4	*	*	*
BOSWELL	43.9	3.5	47.1	1.9	50.1	-4.1	59.6	-3.2	72.7	2.8	80.5	3.1	87.4	5.5	85.2	3.9	79.2	4.7	66.4	2.6	*	*	*	*	*	*
HUGO	45.7	3.8	47.8	1.2	*	*	*	*	73.8	2.8	80.9	2.8	89.2	6.9	86.5	4.7	82.1	6.9	66.8	2.0	55.9	1.6	*	*	*	*
IDABEL	46.0	6.1	47.0	2.6	50.2	-3.2	59.5	-2.5	73.3	3.6	80.6	3.6	86.9	6.0	83.8	3.3	79.2	5.3	64.9	1.5	54.1	1.6	44.8	1.5	64.2	2.5
POTEAU	44.2	*	45.0	*	48.8	*	58.0	*	72.6	*	79.8	*	86.6	*	84.3	*	80.7	*	64.9	*	53.9	*	42.9	*	63.5	*
TUSKAHOMA	45.3	5.0	45.1	0.2	49.9	-4.1	57.6	-5.3	72.9	3.2	*	*	89.1	7.4	85.3	4.2	81.7	7.5	66.9	3.1	57.0	4.1	44.8	1.6	*	*
WILBURTON	44.3	5.9	46.2	3.0	50.2	-2.5	59.8	-2.2	73.4	4.5	80.1	3.8	87.1	5.9	84.1	3.7	80.4	7.5	65.2	2.9	54.8	3.5	43.0	1.2	64.1	3.1
WISTER	43.4	*	44.4	*	48.0	*	*	*	*	*	*	*	86.9	*	*	*	80.3	*	65.0	*	*	*	*	*	*	*

MONTHLY AND ANNUAL COOLING DEGREE DAYS AND DEPARTURES FROM NORMAL (BASE = 65 DEGREES FARENHEIT)

	CLIMATE DIVISION 1 (PANHANDLE)																								
	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	JUL	DEP	AUG	DEP	SEP	DEP	OCT	NOV	DEP	DEC	DEP	ANN	DEP	
ARNETT	0	0	0	0	6	6	5	-19	156	48	369	74	552	75	430	8	373	198	33	2	0	0	0	192	390
BEAVER	0	0	0	0	4	4	11	-8	169	74	372	67	535	48	393	-30	321	149	46	29	0	0	0	188	332
BOISE CITY	0	0	0	0	0	0	2	-10	118	50	288	37	440	40	289	-37	277	161	26	13	0	0	0	149	253
BUFFALO	0	0	0	0	4	-7	15	-35	247	91	489	114	660	96	539	34	*	*	70	19	0	0	0	*	*
GAGE	*	*	*	*	18	11	18	-15	216	83	*	*	*	*	402	-67	*	*	52	10	0	0	*	*	*
GATE	0	0	0	0	9	2	10	-21	197	70	*	*	560	39	425	-32	376	173	48	20	0	0	0	*	*
GOODWELL	0	0	*	*	3	3	*	*	*	*	402	151	515	96	374	21	333	201	38	24	*	*	*	*	*
GUYMON	0	*	*	*	*	*	*	*	147	*	362	*	511	*	373	*	327	*	*	*	1	*	0	*	*
HOOKER	0	0	*	*	*	*	*	*	211	114	417	117	525	60	417	23	370	201	39	10	0	0	0	*	*

MONTHLY AND ANNUAL COOLING DEGREE DAYS AND DEPARTURES FROM NORMAL (BASE = 65 DEGREES FARENHEIT)

	CLIMATE DIVISION 2 (NORTH CENTRAL)																									
	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	JUL	DEP	AUG	DEP	SEP	DEP	OCT	NOV	DEP	DEC	DEP	ANN	DEP		
ALVA	0	*	0	*	1	*	22	*	218	*	463	*	628	*	538	*	476	*	45	*	0	*	0	*	2390	*
BILLINGS	0	0	0	0	15	7	12	-17	208	63	456	93	591	24	536	40	453	211	56	16	0	0	0	235	434	
BLACKWELL	0	0	*	*	12	6	17	-12	208	74	420	54	553	7	537	38	444	193	47	8	0	0	0	*	*	
CHEROKEE	0	0	*	*	*	*	*	*	288	128	528	117	662	70	536	3	427	152	*	*	0	0	0	*	*	
ENID	0	0	0	0	*	*	14	-29	*	*	*	*	609	42	*	*	487	222	57	1	0	0	*	*	*	
FT SUPPLY	0	0	0	0	2	-5	*	*	*	*	385	70	539	52	407	-31	336	152	38	16	0	0	0	*	*	
FREEDOM	0	0	0	0	*	*	*	*	*	*	399	21	588	30	*	*	403	158	48	11	0	0	0	*	*	
GRT SLT PLNS	*	*	*	*	*	*	12	-20	238	95	*	*	618	60	553	60	467	237	49	8	0	0	0	*	*	
HELENA	0	0	0	0	28	28	18	-3	216	91	465	126	606	82	524	50	457	243	50	19	0	0	0	232	634	
JEFFERSON	0	0	0	0	9	2	25	-16	241	84	480	78	615	41	*	*	469	209	63	14	*	*	1	1	*	
MUTUAL	0	0	0	0	5	5	10	-16	194	82	436	105	593	72	480	15	404	199	49	20	0	0	0	2170	480	
NEWKIRK	0	0	0	0	8	-3	15	-25	189	43	*	*	544	1	523	30	432	187	40	-2	0	0	0	*	*	
PERRY	0	0	*	*	*	*	25	-29	280	113	474	93	672	123	*	*	495	223	64	5	1	1	0	0	*	*
PONCA CITY	*	*	2	2	13	5	25	-11	269	114	465	105	611	68	*	*	470	234	65	27	6	6	2	2	*	*

MONTHLY AND ANNUAL COOLING DEGREE DAYS AND DEPARTURES FROM NORMAL (BASE = 65 DEGREES FARENHEIT)

	CLIMATE DIVISION 3 (NORTHEAST)																										
	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	JUL	DEP	AUG	DEP	SEP	DEP	OCT	NOV	DEP	DEC	DEP	ANN	DEP			
BARNSDALL	0	0	0	0	15	5	29	-18	214	69	425	71	595	62	565	78	428	170	41	-9	5	5	3	3	2317	434	
BARTLESVILLE	2	2	0	0	22	13	34	-17	251	102	443	89	592	62	559	78	454	204	51	6	5	5	3	3	2413	545	
BIXBY	0	0	0	0	10	2	1	-22	210	79	410	83	*	*	560	117	*	*	64	26	2	2	3	3	*	*	
CLAREMORE	0	0	0	0	9	4	6	-16	204	75	398	80	566	64	529	73	*	*	51	12	6	6	3	3	*	*	
CLEVELAND	0	*	*	*	*	*	7	*	183	*	395	*	*	*	*	*	414	*	19	*	*	*	2	*	*	*	
KANSAS	0	0	0	0	16	4	13	-24	203	81	361	70	*	*	*	*	404	185	*	*	*	*	*	*	*	*	
MANNFORD	2	2	0	0	22	11	16	-42	228	82	*	*	613	86	574	84	442	189	58	4	7	7	3	3	*	*	
PAWNIUSKA	2	2	0	0	17	8	31	-14	228	89	415	79	575	60	550	79	438	198	55	16	6	6	2	2	2316	523	
PRYOR	0	0	*	*	*	*	10	-17	207	77	400	91	572	85	521	81	409	194	*	*	6	6	*	*	*	*	
RALSTON	0	0	*	*	0	0	19	12	36	-11	248	90	450	93	600	76	561	80	447	194	50	13	5	5	*	*	
SPAVINAW	0	0	0	0	26	14	31	-18	284	128	466	118	631	04	591	101	482	209	87	19	11	11	4	4	2610	688	
TULSA	0	0	0	0	17	6	16	-31	256	82	453	72	633	66	591	79	474	205	50	-7	5	5	2	2	2486	478	
UPPER SPAVNW	*	*	0	*	29	*	29	*	280	*	490	*	650	*	529	*	421	*	61	*	*	*	*	*	*	*	*
VINITA	0	0	*	*	*	16	-13	169	38	*	*	*	*	490	56	*	*	*	*	*	5	5	2	2	*	*	
WAGONER	1	1	0	0	21	8	23	-19	276	118	460	109	667	43	604	114	499	233	70	-1	8	8	3	3	2680	715	

MONTHLY AND ANNUAL COOLING DEGREE DAYS AND DEPARTURES FROM NORMAL (BASE = 65 DEGREES FARENHEIT)

CLIMATE DIVISION 4 (WEST CENTRAL)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
CANTON DAM	0	0	0	0	6	0	15	-19	*	*	465	123	659	29	*	*	438	215	58	22	0	0	0	0	*	*
CLINTON	0	0	0	0	10	1	24	-27	267	97	539	140	707	24	555	16	499	219	78	27	0	0	0	0	268	595
CORDELL	*	*	*	*	*	*	*	*	*	*	*	*	709	45	550	38	472	209	76	28	0	0	0	0	*	*
ELK CITY	0	0	0	0	4	-4	17	-21	212	73	446	86	638	14	498	30	441	212	*	*	0	0	0	0	*	*
ERICK	0	0	0	0	8	2	21	-16	221	79	469	118	671	53	503	35	430	195	68	35	0	0	0	0	239	599
HAMMON	0	0	*	*	8	2	19	-17	190	69	414	65	*	*	*	*	370	157	57	24	*	*	0	0	*	*
OKEENE	0	0	0	0	11	2	19	-30	260	97	515	116	687	13	585	61	501	227	75	18	4	4	0	0	266	606
TALOGA	*	*	0	0	5	-2	18	-15	210	78	458	104	645	18	532	58	421	194	58	29	0	0	0	0	*	*
WATONGA	0	0	0	0	13	6	23	-17	268	126	505	139	668	29	574	81	448	201	59	14	1	1	0	0	257	679
WEATHERFORD	0	0	*	*	*	*	7	-22	236	97	512	149	663	33	558	77	*	*	55	21	0	0	0	0	*	*

MONTHLY AND ANNUAL COOLING DEGREE DAYS AND DEPARTURES FROM NORMAL (BASE = 65 DEGREES FARENHEIT)

CLIMATE DIVISION 5 (CENTRAL)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
BLANCHARD	1	1	0	0	16	3	29	-29	281	117	511	148	743	97	627	106	509	228	96	25	*	*	1	1	*	*
BRISTOW	1	1	1	1	20	8	30	-31	253	96	477	120	669	42	601	108	*	*	85	16	9	4	3	3	*	*
CHANDLER	0	0	*	*	*	*	24	-31	215	58	428	68	660	17	585	77	491	225	72	14	*	*	1	1	*	*
CHICKASHA	0	0	1	1	16	4	30	-31	297	116	571	169	749	94	624	125	530	260	122	59	4	4	0	0	292	899
CUSHING	0	0	0	0	*	*	17	-16	219	77	*	*	610	86	*	*	465	225	70	21	3	3	1	1	*	*
EL RENO	0	0	0	0	19	11	23	-22	233	92	*	*	*	*	559	66	456	209	81	35	1	1	0	0	*	*
GUTHRIE	0	0	*	*	20	9	*	*	230	56	428	41	720	53	626	93	465	175	*	*	6	6	3	3	*	*
HENNESSEY	0	0	0	0	5	-3	14	-29	*	*	506	122	665	98	*	*	*	*	*	*	0	0	0	0	*	*
KINGFISHER	*	*	0	0	*	*	20	-38	202	35	461	68	*	*	*	*	*	*	89	33	0	0	*	*	*	*
MEEKER	1	1	0	0	18	7	15	-42	167	14	412	61	*	*	529	24	417	157	*	*	1	1	0	0	*	*
NORMAN NWS	0	0	*	*	12	-2	19	-34	198	37	472	106	689	56	590	88	465	185	60	1	1	1	0	0	*	*
OKEMAH	1	1	0	0	21	7	28	-17	310	162	545	194	729	14	651	158	516	252	105	38	9	9	4	4	295	1018
OKLA CITY AS	0	0	0	0	13	4	15	-23	243	107	486	135	713	86	621	122	487	232	58	14	1	1	0	0	265	776
PURCELL	0	0	0	0	18	6	12	-43	203	34	431	50	*	*	573	49	476	187	82	19	3	3	0	0	*	*
SEMINOLE	0	0	0	0	18	0	14	-50	264	75	472	73	713	43	591	45	461	158	66	-10	2	2	0	0	259	434
STILLWATER	*	*	0	0	23	17	22	-12	237	104	460	124	641	26	582	108	462	232	70	42	4	4	*	*	*	*

MONTHLY AND ANNUAL COOLING DEGREE DAYS AND DEPARTURES FROM NORMAL (BASE = 65 DEGREES FARENHEIT)

CLIMATE DIVISION 6 (EAST CENTRAL)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
EUFAULA	0	0	0	0	25	6	31	-35	300	116	474	84	736	69	660	127	514	213	123	32	7	2	*	*	*	*
HANNA	0	0	0	0	15	-2	29	-20	251	93	471	105	677	56	588	92	488	218	92	36	8	8	3	3	260	688
MCALESTER	0	0	0	0	28	14	20	-30	285	123	497	131	754	30	624	119	474	197	96	25	5	-3	7	7	287	811
MCCURTAIN	0	0	0	0	37	17	31	-23	*	*	484	112	720	81	636	128	500	216	124	49	11	5	4	4	*	*
MUSKOGEE	0	0	0	0	28	15	29	-13	*	*	451	91	*	*	585	86	481	211	69	9	3	3	3	3	*	*
OKMULGEE	0	0	*	*	26	17	14	-14	231	98	421	88	*	*	*	*	*	*	65	11	10	10	2	2	*	*
SALLISAW	0	0	0	0	20	7	21	-30	240	76	456	93	655	34	594	98	475	200	89	20	5	5	4	4	256	605
STILLWELL	0	0	0	0	7	-4	8	-27	136	10	321	21	548	86	483	55	353	132	22	-23	0	0	2	2	188	250
TAHLEQUAH	0	0	0	0	21	9	30	-16	224	69	373	55	572	91	533	74	427	175	55	-4	6	1	2	2	280	454
WEBBERS FALL	0	0	*	*	*	*	11	-22	234	84	*	*	*	*	612	141	488	238	79	38	6	6	2	2	*	*

MONTHLY AND ANNUAL COOLING DEGREE DAYS AND DEPARTURES FROM NORMAL (BASE = 65 DEGREES FARENHEIT)

	CLIMATE DIVISION 7 (SOUTHWEST)																				ANN	DEP				
	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP			NOV	DEP	DEC	DEP
ALTUS	0	0	0	0	12	-3	21	-51	321	105	595	148	749	44	583	31	479	170	93	5	0	0	*	*	*	*
ALTUS DAM	0	0	0	0	17	8	42	-6	360	181	612	195	799	04	612	69	514	236	112	57	3	3	0	0	300	946
ANADARKO	0	0	0	0	13	6	20	-30	*	*	489	114	640	88	519	11	418	144	73	25	2	2	0	0	*	*
CARNEGIE	0	0	0	0	14	6	20	-32	*	*	563	164	725	55	585	64	494	215	68	12	2	2	0	0	*	*
CHATTANOOGA	0	0	*	*	*	*	23	-44	298	103	557	125	*	*	610	49	*	*	137	66	2	2	*	*	*	*
FREDERICK	*	*	*	*	17	6	14	-41	326	143	*	*	708	07	*	*	491	199	*	*	2	2	*	*	*	*
HOBART	*	*	*	*	11	1	20	-35	295	120	566	158	736	56	566	39	*	*	76	14	*	*	0	0	*	*
HOLLIS	0	0	0	0	16	4	27	-41	319	110	575	137	745	50	577	41	511	220	103	38	0	0	0	0	287	656
LAWTON	0	0	*	*	18	8	30	-17	315	145	550	151	*	*	598	62	522	244	133	77	3	3	0	0	*	*
MANGUM	0	0	0	0	16	1	32	-36	272	59	510	75	722	27	552	6	459	162	114	41	0	0	0	0	265	433
WALTERS	0	0	0	0	20	3	19	-57	311	100	555	126	734	42	625	61	532	208	138	48	3	3	3	3	299	635
WICHITA MTNS	0	0	*	*	21	10	*	*	*	*	*	*	689	56	549	59	434	199	*	*	*	*	0	0	*	*

MONTHLY AND ANNUAL COOLING DEGREE DAYS AND DEPARTURES FROM NORMAL (BASE = 65 DEGREES FARENHEIT)

	CLIMATE DIVISION 8 (SOUTH CENTRAL)																				ANN	DEP				
	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP			NOV	DEP	DEC	DEP
ADA	0	0	0	0	16	-2	13	-42	267	104	490	133	745	12	597	92	474	202	101	17	0	-6	0	0	270	709
ARDMORE	0	0	0	-6	30	4	41	-49	371	149	567	138	784	95	679	109	532	191	146	33	5	-2	0	0	362	759
CHICKASAW NR	*	*	0	0	25	14	*	*	254	112	458	101	703	73	592	77	488	216	112	64	*	*	*	*	*	*
DUNCAN	0	0	0	0	15	3	22	-31	269	99	509	122	713	52	597	67	503	218	125	59	3	3	1	1	274	690
HEALDTON	0	0	*	*	*	*	19	-46	257	77	*	*	730	75	635	102	491	192	129	58	*	*	3	3	*	*
LINDSAY	0	0	0	0	19	6	15	-44	240	71	464	89	676	27	584	69	472	200	80	20	4	4	0	0	252	539
MARIETTA	0	0	*	*	*	*	22	-39	259	71	486	93	*	*	583	37	*	*	133	43	10	3	4	4	*	*
MARLOW	0	0	2	2	21	7	33	-19	296	140	547	184	755	19	617	109	530	259	131	63	2	2	0	0	281	962
MCGEE CREEK	0	*	0	*	30	*	16	*	289	*	469	*	762	*	634	*	467	*	105	*	*	*	5	*	*	*
PAULS VALLEY	0	0	0	0	15	0	13	-55	222	31	489	90	720	53	596	57	487	190	104	35	4	4	0	0	268	503
TISHOMINGO	0	0	0	0	13	-3	24	-39	*	*	*	*	696	29	473	-71	267	-41	*	*	*	*	*	*	*	*
WAURIKA	0	0	3	3	24	1	27	-56	357	141	619	190	794	96	635	68	549	223	164	75	10	4	1	1	381	844

MONTHLY AND ANNUAL COOLING DEGREE DAYS AND DEPARTURES FROM NORMAL (BASE = 65 DEGREES FARENHEIT)

	CLIMATE DIVISION 9 (SOUTHEAST)																				ANN	DEP					
	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP			NOV	DEP	DEC	DEP	
ANTLERS	0	0	0	0	34	15	36	-10	278	117	503	137	726	21	619	117	480	197	112	45	8	2	7	7	282	846	
BATTIEST	0	*	0	*	11	*	3	*	*	*	403	*	626	*	538	*	383	*	*	*	6	*	6	*	*	*	
BOSWELL	0	0	0	0	30	14	19	-30	248	82	455	83	694	70	628	123	427	133	113	44	*	*	*	*	*	*	
HUGO	0	0	0	0	*	*	*	*	276	80	480	87	726	90	668	147	495	183	145	59	15	6	*	*	*	*	
IDABEL	0	0	0	0	25	13	17	-24	267	103	469	109	679	86	582	101	425	150	90	25	6	1	6	6	254	667	
POTEAU	0	*	0	*	27	*	12	*	246	*	455	*	671	*	599	*	470	*	*	96	*	0	*	1	*	2576	*
TUSKAHOMA	0	0	0	0	31	13	12	-45	261	99	*	*	748	30	629	130	502	213	129	59	16	10	5	5	*	*	
WILBURTON	0	0	0	0	36	22	32	-18	269	110	458	119	686	84	591	114	461	209	97	40	8	8	2	2	269	789	
WISTER	0	*	0	*	31	*	*	*	*	*	*	*	678	*	*	*	458	*	103	*	*	*	*	*	*	*	*

MONTHLY AND ANNUAL HEATING DEGREE DAYS AND DEPARTURES FROM NORMAL (BASE = 65 DEGREES FARENHEIT)

	CLIMATE DIVISION 1 (PANHANDLE)																									
	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
ARNETT	889	-120	664	-117	783	188	371	111	41	-45	30	30	0	0	0	0	13	-12	185	-39	490	-90	888	-30	4352	-123
BEAVER	978	-57	700	-113	807	175	386	92	48	-50	24	16	0	0	0	18	-13	199	-48	517	-107	944	-17	4621	-122	
BOISE CITY	870	-85	718	-39	743	132	442	136	55	-66	20	12	0	0	0	5	-28	193	-61	500	-110	883	-25	4426	-134	
BUFFALO	821	-121	590	-110	686	180	274	66	30	-28	16	16	0	0	0	*	*	136	-21	389	-149	767	-98	*	*	
GAGE	*	*	*	*	739	205	333	112	39	-27	*	*	*	*	0	0	*	*	192	7	424	-122	*	*	*	*
GATE	913	-99	651	-122	770	168	331	67	38	-50	*	*	0	0	0	14	-4	163	-42	459	-127	878	-52	*	*	
GOODWELL	889	-138	*	*	801	147	*	*	*	*	25	17	0	0	0	13	-26	179	-90	*	*	*	*	*	*	
GUYMON	849	*	*	*	*	*	*	*	57	*	28	*	0	*	0	15	*	*	*	482	*	895	*	*	*	
HOCKER	901	-94	*	*	*	*	*	*	22	-73	17	11	0	0	0	13	-21	147	-93	486	-126	863	-67	*	*	

MONTHLY AND ANNUAL HEATING DEGREE DAYS AND DEPARTURES FROM NORMAL (BASE = 65 DEGREES FARENHEIT)

	CLIMATE DIVISION 2 (NORTH CENTRAL)																									
	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
ALVA	871	*	634	*	713	*	281	*	26	*	14	*	0	*	0	*	8	*	148	*	451	*	819	*	3963	*
BILLINGS	873	-126	620	-143	700	159	336	100	35	-30	12	12	0	0	0	4	-17	128	-40	409	-119	812	-87	3927	-289	
BLACKWELL	881	-114	*	*	708	178	313	95	29	-27	14	14	0	0	0	4	-13	126	-30	420	-102	815	-69	*	*	
CHEROKEE	883	-64	*	*	*	*	*	*	3	-33	9	9	0	0	0	7	-4	*	*	451	-62	827	-32	*	*	
ENID	853	-74	619	-79	*	*	310	133	*	*	*	*	0	0	*	*	7	-7	128	-10	431	-61	*	*	*	*
FT SUPPLY	877	-140	688	-93	785	189	*	*	*	*	22	16	0	0	0	13	-10	225	14	498	-88	917	-22	*	*	
FREEDOM	949	-12	673	-48	*	*	*	*	*	*	23	23	0	0	*	*	9	-5	189	28	489	-52	854	-33	*	*
GRT SLT PLNS	*	*	*	*	*	*	267	37	11	-46	*	*	0	0	0	0	7	-11	125	-53	424	-122	826	-85	*	*
HELENA	847	-182	622	-170	599	19	218	-40	27	-52	13	13	0	0	0	7	-13	150	-44	458	-112	851	-76	3790	-656	
JEFFERSON	802	-156	571	-151	597	97	236	36	15	-27	7	7	0	0	*	*	0	-11	111	-32	*	*	774	-94	*	*
MUTUAL	867	-141	652	-121	729	146	356	93	47	-35	19	19	0	0	0	10	-9	168	-35	477	-88	861	-54	4184	-225	
NEWKIRK	900	-86	640	-102	740	228	359	158	45	-6	*	*	0	0	0	4	-11	129	-18	424	-87	838	-42	*	*	
PERRY	815	-94	*	*	*	*	278	117	15	-23	11	11	0	0	*	*	3	-11	91	-37	364	-98	735	-77	*	*
PONCA CITY	*	*	532	-235	625	87	277	65	13	-56	9	9	0	0	*	*	2	-21	96	-76	335	-197	712	-193	*	*

MONTHLY AND ANNUAL HEATING DEGREE DAYS AND DEPARTURES FROM NORMAL (BASE = 65 DEGREES FARENHEIT)

	CLIMATE DIVISION 3 (NORTHEAST)																									
	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
BARNSDALL	795	-147	615	-85	618	146	252	89	18	-15	10	10	0	0	0	0	0	-24	144	-15	380	-97	732	-102	3562	-242
BARTLESVILLE	796	-143	590	-111	606	138	232	71	11	-25	5	5	0	0	0	0	0	-16	128	-22	377	-98	787	-47	3530	-247
BIXBY	790	-172	563	-168	596	76	269	79	18	-33	10	10	*	*	0	0	*	*	120	-57	412	-87	768	-63	*	*
CLAREMORE	840	-149	624	-127	626	94	292	90	31	-36	12	12	0	0	0	0	*	*	151	-31	413	-82	713	-143	*	*
CLEVELAND	816	*	*	*	*	*	276	*	21	*	12	*	*	*	*	*	0	*	137	*	*	*	766	*	*	*
KANSAS	700	-200	588	-84	572	108	228	57	22	-33	9	9	*	*	*	*	0	-21	*	*	*	*	*	*	*	*
MANNFORD	749	-166	549	-126	565	117	240	92	16	-22	*	*	0	0	0	0	0	-25	147	3	324	-129	704	-105	*	*
PAWUSKA	798	-160	591	-123	608	122	232	56	15	-31	10	10	0	0	0	0	0	-21	140	-18	375	-117	781	-68	3549	-351
PRYOR	802	-191	*	*	*	*	286	73	37	-32	12	12	0	0	0	0	0	-29	*	*	399	-115	*	*	*	*
RALSTON	786	-153	*	*	574	-127	609	137	237	67	12	-29	7	7	0	0	0	0	0	-19	129	-13	368	-109	*	*
SPAVINAW	715	-169	541	-123	543	103	205	55	13	-29	6	6	0	0	0	0	0	-12	82	-45	279	-136	686	-77	3069	-428
TULSA	779	-145	570	-123	586	129	233	82	13	-29	7	7	0	0	0	0	0	-20	112	-32	353	-100	752	-57	3404	-288
UPPER SPAVNW	*	*	580	*	550	*	246	*	15	*	6	*	0	*	0	*	0	*	127	*	*	*	*	*	*	*
VINITA	789	-185	*	*	*	*	260	66	28	-41	*	*	*	*	0	0	*	*	*	*	366	-130	794	-59	*	*
WAGONER	734	-140	531	-120	523	98	192	54	9	-25	4	4	0	0	0	0	0	-14	89	-47	317	-108	722	-34	3120	-333

MONTHLY AND ANNUAL HEATING DEGREE DAYS AND DEPARTURES FROM NORMAL (BASE = 65 DEGREES FARENHEIT)

CLIMATE DIVISION 4 (WEST CENTRAL)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
CANTON DAM	840	-147	615	-130	687	136	323	86	*	*	14	14	0	0	*	*	8	-9	145	-34	453	-87	844	-49	*	*
CLINTON	745	-135	573	-85	606	157	253	82	7	-23	9	9	0	0	0	0	0	-13	108	-21	392	-73	775	-22	3467	-125
CORDELL	*	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	8	-4	112	-17	422	-52	790	-13	*	*
ELK CITY	800	-93	618	-52	685	213	285	107	12	-16	17	17	0	0	0	0	10	-3	*	*	424	-69	793	-22	*	*
ERICK	784	-97	612	-47	651	186	283	102	18	-22	16	16	0	0	0	0	10	-3	119	-23	409	-75	811	4	3711	43
HAMMON	821	-156	*	*	668	117	351	121	33	-30	23	23	*	*	*	*	10	-14	167	-37	*	*	849	-44	*	*
OKEENE	772	-122	578	-89	653	195	267	95	18	-13	7	7	0	0	0	0	0	-13	97	-29	360	-112	761	-48	3510	-127
TALOGA	*	*	628	-78	681	175	327	118	35	-16	17	17	0	0	0	0	9	-6	167	4	471	-57	823	-36	*	*
WATONGA	798	-121	576	-117	619	135	271	82	18	-19	9	9	0	0	0	0	5	-11	127	-20	377	-122	790	-44	3588	-227
WEATHERFORD	808	-145	*	*	*	*	297	80	15	-22	13	13	0	0	0	0	*	*	101	-67	414	-105	818	-47	*	*

MONTHLY AND ANNUAL HEATING DEGREE DAYS AND DEPARTURES FROM NORMAL (BASE = 65 DEGREES FARENHEIT)

CLIMATE DIVISION 5 (CENTRAL)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
BLANCHARD	656	-172	506	-110	506	105	202	61	4	-18	5	5	0	0	0	0	0	-11	69	-52	*	*	699	-36	*	*
BRISTOW	725	-149	521	-124	558	134	203	59	10	-17	7	7	0	0	0	0	*	*	98	-34	320	-120	685	-87	*	*
CHANDLER	777	-85	*	*	*	*	265	124	17	-10	7	7	0	0	0	0	0	-17	102	-25	*	*	734	-29	*	*
CHICKASHA	688	-171	500	-128	532	123	197	62	6	-7	4	4	0	0	0	0	0	-12	68	-57	312	-114	711	-49	3016	-350
CUSHING	772	-184	582	-143	*	*	253	73	14	-36	*	*	0	0	*	*	0	-15	110	-45	365	-106	687	-144	*	*
EL RENO	707	-201	529	-150	571	108	268	91	16	-11	*	*	*	*	0	0	5	-8	100	-37	373	-110	737	-75	*	*
GUTHRIE	817	-74	*	*	630	194	*	*	11	-18	24	24	0	0	0	0	0	-14	*	*	369	-73	753	-25	*	*
HENNESSEY	812	-116	621	-73	649	170	281	94	*	*	10	10	0	0	*	*	*	*	*	*	380	-110	795	-39	*	*
KINGFISHER	*	*	613	-57	*	*	301	127	37	7	15	15	*	*	*	*	*	*	121	-4	398	-64	*	*	*	*
MEEKER	737	-140	573	-75	580	156	286	128	36	7	16	16	*	*	0	0	0	-14	*	*	410	-29	737	-32	*	*
NORMAN NWS	773	-71	*	*	566	162	256	128	18	3	7	7	0	0	0	0	0	-10	94	-19	382	-35	750	5	*	*
OKEMAH	654	-199	464	-166	490	73	154	17	3	-21	0	0	0	0	0	0	0	-15	67	-59	286	-128	643	-107	2760	-605
OKLA CITY AS	753	-150	547	-129	560	96	244	68	10	-22	4	4	0	0	0	0	0	-15	78	-60	355	-107	727	-70	3276	-384
PURCELL	801	-55	579	-45	627	227	299	167	29	15	4	4	*	*	0	0	0	-13	108	-11	374	-49	761	0	*	*
SEMINOLE	773	-39	566	-20	573	195	235	129	1	-14	9	9	0	0	0	0	0	-9	92	-3	387	2	770	57	3404	307
STILLWATER	*	*	589	-151	626	99	276	72	15	-34	9	9	0	0	0	0	3	-15	114	-54	379	-117	*	*	*	*

MONTHLY AND ANNUAL HEATING DEGREE DAYS AND DEPARTURES FROM NORMAL (BASE = 65 DEGREES FARENHEIT)

CLIMATE DIVISION 6 (EAST CENTRAL)

	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	DEP	NOV	DEP	DEC	DEP	ANN	DEP
EUFULA	667	-142	494	-105	489	111	136	20	1	-16	2	2	0	0	0	0	0	-10	55	-49	265	-110	*	*	*	*
HANNA	715	-123	522	-91	531	134	192	66	10	-8	5	5	0	0	0	0	0	-12	94	-24	313	-87	711	-18	309	-158
MCLESTER	654	-195	506	-124	487	76	193	51	9	-27	3	3	0	0	0	0	0	-16	87	-43	309	-94	703	-35	2950	-404
MCCURTAIN	586	-212	476	-112	485	108	128	14	*	*	4	4	0	0	0	0	0	-14	73	-42	278	-97	666	-32	*	*
MUSKOGEE	704	-156	518	-123	530	114	210	78	*	*	10	10	*	*	0	0	0	-15	89	-45	334	-93	716	-40	*	*
OKMULGEE	756	-181	*	*	535	48	248	76	3	-31	11	11	*	*	*	*	*	*	88	-69	324	-142	684	-110	*	*
SALLISAW	699	-142	547	-67	556	150	214	83	23	-4	11	11	0	0	0	0	0	-11	83	-42	337	-66	680	-55	3148	-143
STILWELL	730	-158	625	-42	606	145	308	133	47	-6	10	10	0	0	0	0	0	-20	163	3	383	-68	766	-9	3636	-11
TAHLEQUAH	709	-182	568	-96	546	103	231	69	21	-41	12	12	0	0	0	0	0	-27	118	-40	338	-112	732	-52	3273	-365
WEBBERS FALL	699	-222	*	*	*	*	218	44	12	-30	*	*	*	*	0	0	0	-16	92	-61	360	-85	707	-87	*	*

MONTHLY AND ANNUAL HEATING DEGREE DAYS AND DEPARTURES FROM NORMAL (BASE = 65 DEGREES FARENHEIT)

	CLIMATE DIVISION 7 (SOUTHWEST)																				ANN	DEP				
	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	NOV			DEP	DEC	DEP	
ALTUS	736	-55	560	-21	555	185	220	97	2	-10	4	4	0	0	0	0	0	-6	85	-15	382	-5	*	*	*	*
ALTUS DAM	795	-92	608	-50	637	188	235	79	7	-14	3	3	0	0	0	0	6	-2	61	-71	363	-99	757	-27	3472	-86
ANADARKO	820	-68	596	-49	634	205	298	143	*	*	11	11	0	0	0	0	4	-10	123	-7	415	-39	804	16	*	*
CARNEGIE	754	-120	554	-91	562	132	276	122	*	*	12	12	0	0	0	0	4	-9	97	-22	378	-70	805	26	*	*
CHATTANOOGA	727	-89	*	*	*	*	227	92	8	-2	2	2	*	*	0	0	*	*	69	-24	360	-43	*	*	*	*
FREDERICK	*	*	*	*	548	122	216	80	6	-14	*	*	0	0	*	*	4	-4	*	*	316	-114	*	*	*	*
HOBART	*	*	*	*	589	161	271	108	7	-17	7	7	0	0	0	0	*	*	80	-47	*	*	780	2	*	*
HOLLIS	698	-124	567	-33	548	160	221	90	4	-13	6	6	0	0	0	0	0	-6	76	-42	357	-76	745	-5	3221	-43
LAWTON	731	-144	*	*	529	95	204	65	6	-9	3	3	*	*	0	0	2	-7	77	-54	346	-87	723	-55	*	*
MANGUM	773	-59	580	-23	563	176	263	132	11	-4	19	19	0	0	0	0	8	2	87	-23	367	-59	747	-3	3415	158
WALTERS	679	-108	516	-52	528	170	218	97	6	-3	3	3	0	0	0	0	0	-9	79	-25	347	-36	707	8	3082	46
WICHITA MTNS	778	-134	*	*	570	82	*	*	*	*	*	*	0	0	0	0	6	-8	*	*	*	*	821	-1	*	*

MONTHLY AND ANNUAL HEATING DEGREE DAYS AND DEPARTURES FROM NORMAL (BASE = 65 DEGREES FARENHEIT)

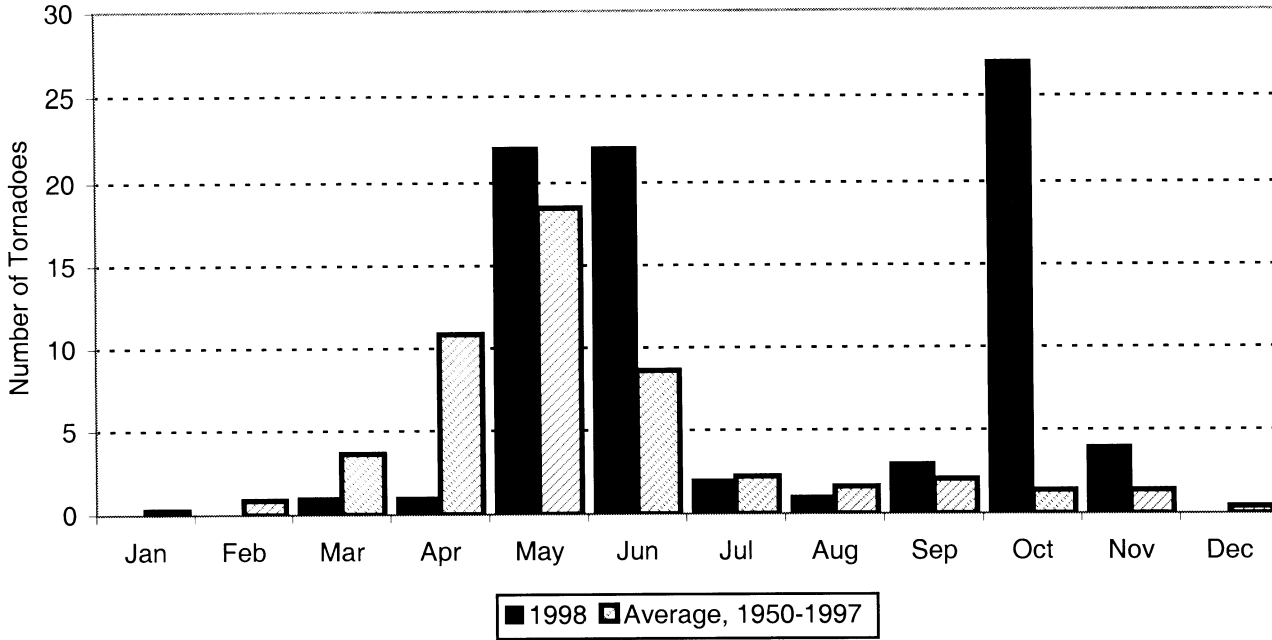
	CLIMATE DIVISION 8 (SOUTH CENTRAL)																				ANN	DEP				
	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	NOV			DEP	DEC	DEP	
ADA	742	-65	514	-83	528	136	199	67	6	-14	2	2	0	0	0	0	0	-8	87	-41	350	-43	721	14	3148	-35
ARDMORE	645	-78	453	-71	469	149	137	41	2	-3	2	2	0	0	0	0	0	-5	44	-35	303	-20	622	-7	2676	-27
CHICKASAW NR	*	*	534	-105	522	86	*	*	17	-2	6	6	0	0	0	0	0	-14	96	-32	*	*	*	*	*	*
DUNCAN	730	-124	510	-114	547	126	214	87	13	-2	3	3	0	0	0	0	0	-9	71	-52	315	-97	713	-22	3115	-204
HEALDTON	689	-106	*	*	*	*	215	96	10	-4	*	*	0	0	0	0	0	-8	81	-22	*	*	688	-16	*	*
LINDSAY	764	-68	562	-47	555	160	271	134	10	-4	6	6	0	0	0	0	0	-14	105	-5	376	-35	771	33	3418	160
MARIETTA	630	-123	*	*	*	*	219	116	14	3	3	3	*	*	0	0	*	*	81	-2	329	-20	665	8	*	*
MARLOW	672	-153	493	-110	502	116	205	72	3	-13	2	2	0	0	0	0	0	-10	66	-52	332	-73	718	-11	2991	-233
MCGEE CREEK	649	*	481	*	500	*	159	*	5	*	4	*	0	0	*	0	*	*	77	*	*	*	642	*	*	*
PAULS VALLEY	779	-33	554	-37	559	185	251	129	18	1	7	7	0	0	0	0	0	-9	95	-6	366	-26	751	31	3378	242
TISHOMINGO	668	-110	492	-71	484	135	182	72	*	*	*	*	0	0	0	0	2	-6	*	*	*	*	*	*	*	*
WAURIKA	622	-138	466	-84	464	125	184	74	4	-5	0	0	0	0	0	0	0	0	41	-45	286	-77	653	-17	2718	-168

MONTHLY AND ANNUAL HEATING DEGREE DAYS AND DEPARTURES FROM NORMAL (BASE = 65 DEGREES FARENHEIT)

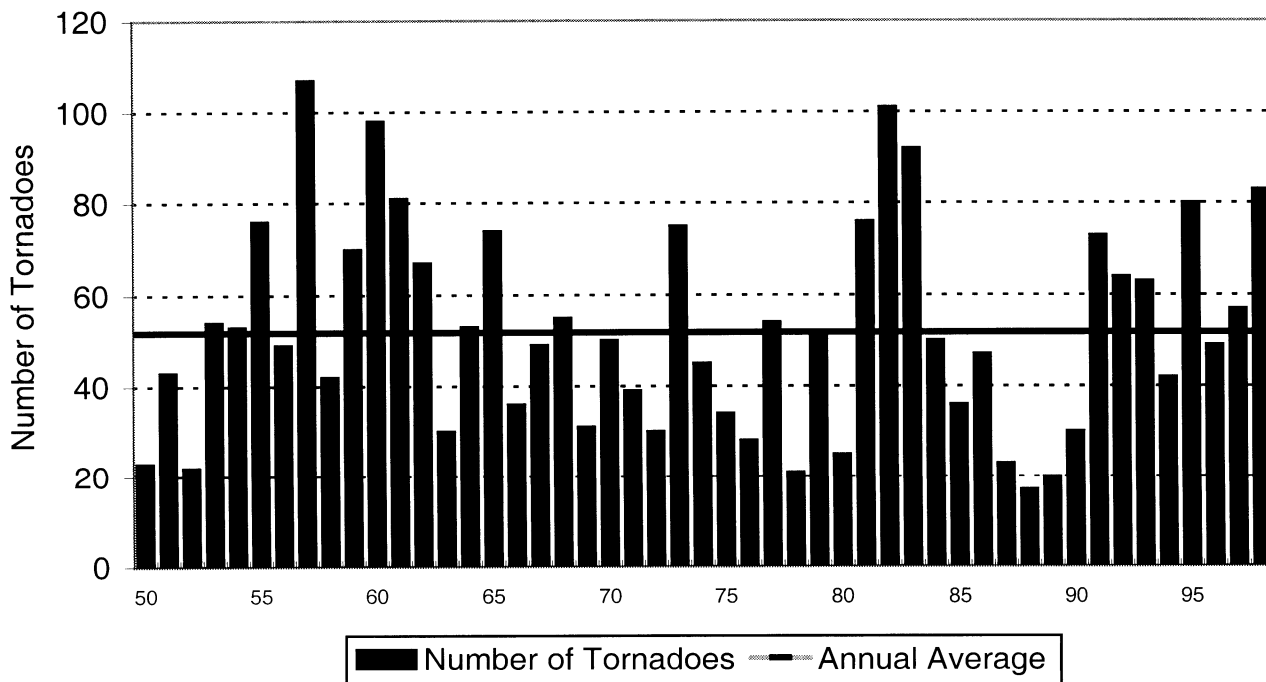
	CLIMATE DIVISION 9 (SOUTHEAST)																				ANN	DEP					
	JAN	DEP	FEB	DEP	MAR	DEP	APR	DEP	MAY	DEP	JUN	DEP	JUL	DEP	AUG	DEP	SEP	DEP	OCT	NOV			DEP	DEC	DEP		
ANTLERS	580	-190	486	-80	452	89	164	55	6	-11	2	2	0	0	0	0	0	-10	68	-53	277	-90	632	-47	2664	-335	
BATTIEST	703	*	552	*	572	*	258	*	*	*	12	*	0	*	0	*	0	*	*	*	*	676	*	*	*	*	
BOSWELL	653	-110	502	-53	491	140	182	67	10	-4	5	5	0	0	0	0	0	-9	68	-38	*	*	*	*	*	*	
HUGO	598	-118	481	-35	*	*	*	*	3	-8	3	3	0	0	0	0	0	-6	89	-4	279	-51	*	*	*	*	
IDABEL	590	-189	504	-74	482	111	181	50	9	-10	1	1	0	0	0	0	0	-8	93	-23	333	-48	632	-41	2822	-230	
POTEAU	644	*	560	*	529	*	224	*	10	*	9	*	0	*	0	*	0	*	101	*	333	*	686	*	3094	*	
TUSKAHOMA	611	-156	556	-7	499	140	233	114	17	1	*	*	0	0	0	0	0	-13	72	-37	255	-114	631	-45	*	*	
WILBURTON	642	-184	527	-83	495	99	188	49	8	-30	5	5	0	0	0	0	0	-15	90	-50	313	-102	683	-36	2949	-349	
WISTER	669	*	577	*	558	*	*	*	*	*	*	*	0	*	*	*	0	*	103	*	*	*	*	*	*	*	*

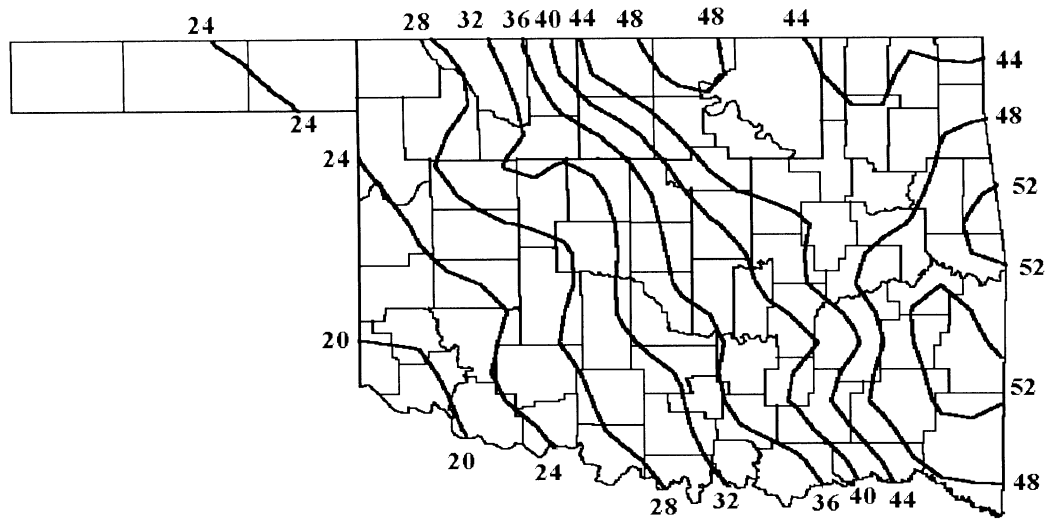
-19-

Oklahoma Tornadoes by Month 1998

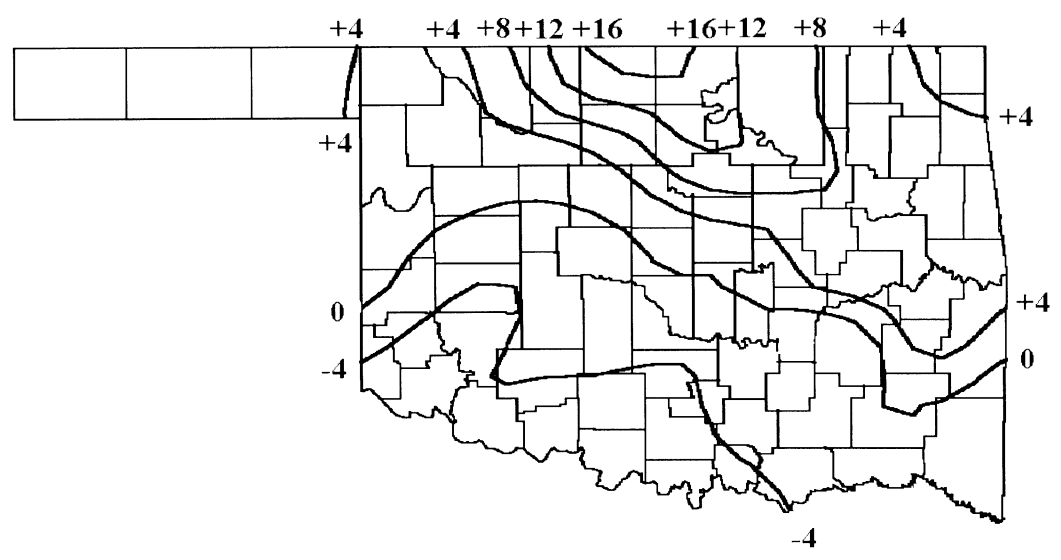


Number of Tornadoes in Oklahoma Total each Year, 1950-1998

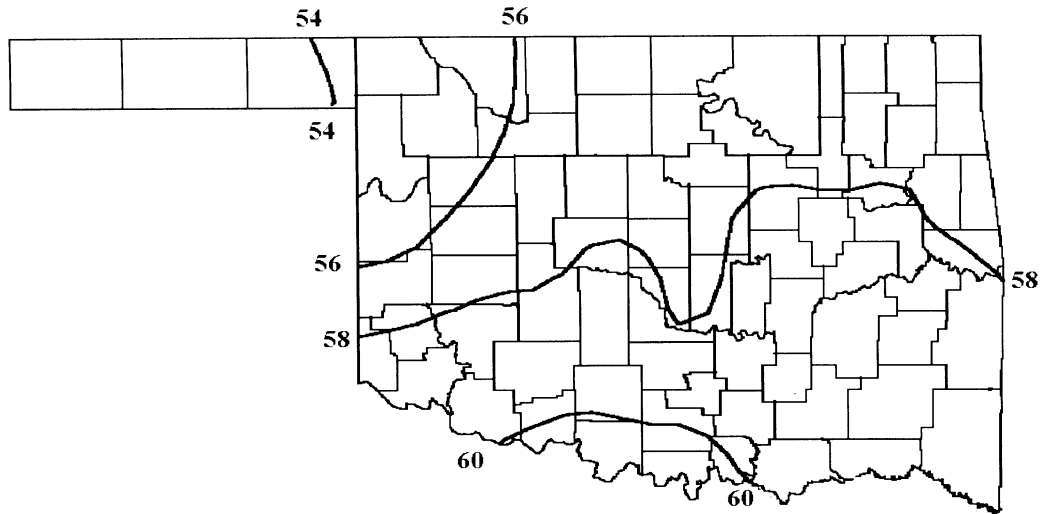




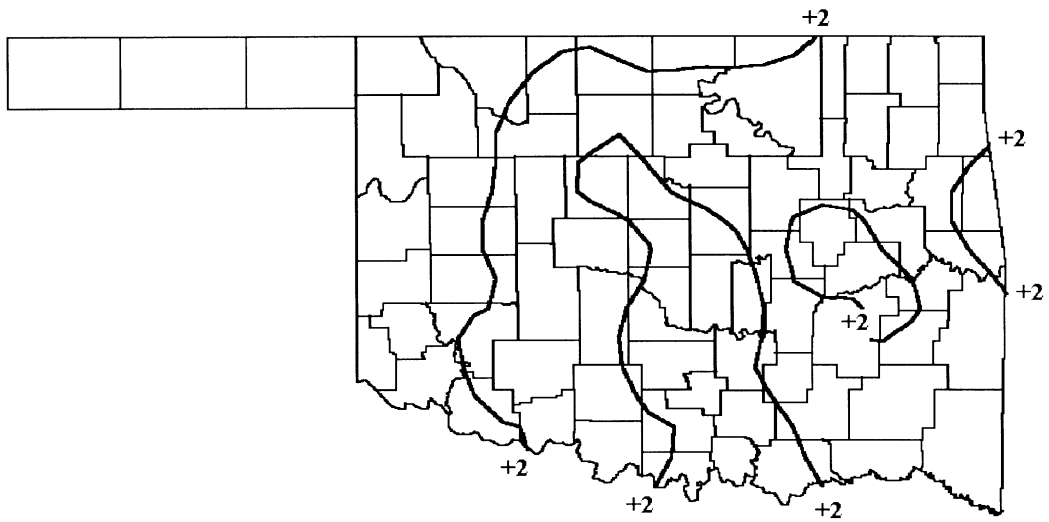
1998 TOTAL PRECIPITATION (inches)



1998 DEPARTURE FROM NORMAL PRECIPITATION (inches)

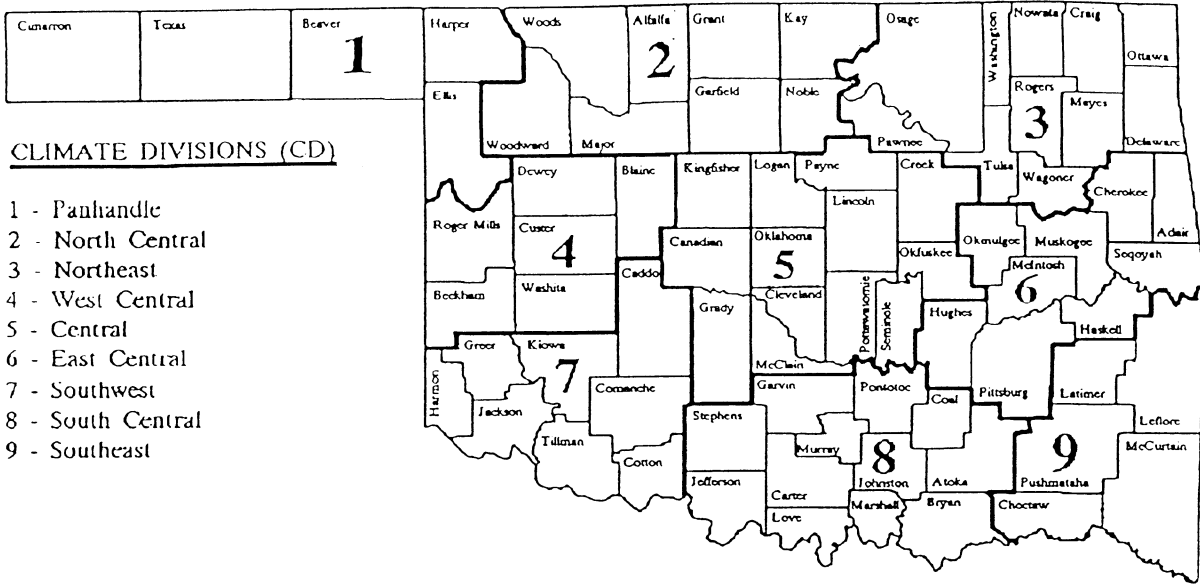


1998 ANNUAL AVERAGE DAILY TEMPERATURE (F)



1998 DEPARTURE FROM NORMAL TEMPERATURE (F)

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

EXPLANATION OF TABLES

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

- Station Name:
- Station Identification Number: These are usually assigned by the National Climatic Data Center.
- Climate Division: See the figure above.
- Number of Temperature Observations: These are the actual number of temperature reports recorded at the station during the current month. Missing observations may result in artificially high or low mean monthly temperatures.
- Deviation from Normal: The deviation of the observed mean monthly temperature from the monthly station normal. A positive value indicates the month was warmer than normal. A negative value indicates the month was cooler than normal. Normal monthly temperatures may be calculated by subtracting the deviation from the observed temperature.
- Maximum Daily Maximum: The maximum daily maximum temperature observed during the current month and year and the day which it occurred.
- Minimum Daily Minimum: The minimum daily minimum temperature observed during the current month and year and the day which it occurred.
- Heating Degree Days: HDD are calculated each day of the month for which there is a temperature report and the average temperature for the day is less than 65 degrees. Daily values are summed to arrive at a monthly total. They are a qualitative measure of how much heat was required to maintain a comfortable indoor temperature. Missing observations may result in an artificially high or low value. For February 1984 HDD would be calculated as:

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

Deviation from Normal Heating Degree Days: A positive value indicates higher than normal heating requirements for the month as a whole. A negative value indicates lower than normal heating requirements for the month as a whole. Normal HDD may be calculated by subtracting the deviation from observed HDD.

Cooling Degree Days: CDD are calculated each day of the month for which there is a temperature report and the average temperature for the day exceeds 65 degrees. Daily values are summed to give a monthly total. They are a proxy measure of how much cooling was required to maintain a comfortable indoor temperature. Missing observations may result in an artificially high or low value. For June, CDD would be calculated as:

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

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

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

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

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

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

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