

OKLAHOMA MONTHLY SUMMARY REVISED AUGUST 2000

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MONTHLY SUMMARY FOR AUGUST 2000

According to preliminary data from the National Weather Service, statewide-averaged precipitation this August was the least recorded for a warm-season month in Oklahoma in 109 years of record keeping. The state's rain gauges recorded an average precipitation of 0.16 inch (2.66 inches less than normal), breaking the previous record of 0.22 inch set in August 1936. Despite the August drought, both summertime and year-to-date precipitation remained greater-than-normal through the end of the month. Buoyed by a wet June, precipitation for the three summer months, when averaged across the state, totaled 9.98 inches, 0.59 inch greater than normal and the 51st largest summer total recorded since 1892. Year-to-date precipitation totaled 23.72 inches, 0.58 inch greater than normal, to rank this as Oklahoma's 49th wettest January-through-August.

As is usually the case during periods of exceptionally dry summer weather in Oklahoma, daytime temperatures soared throughout the state. Triple-digit temperatures were observed somewhere in the state each day from the 2nd through the 31st. The state's average temperature for the month, 85.7 degrees, was 4.9 degrees greater than normal, ranking this as the 6th warmest August since 1892. The overall summer-month average temperature, suppressed by the cool June, was 80.5 degrees, only 0.5 degree above normal and the 47th warmest of the 109 summers on record. The average temperature of 64.1 degrees, 1.7 degrees greater than normal, over the year's first eight months, ranks this as the 17th warmest January-through-August observed in Oklahoma.

Only four stations reported daily precipitation totals of as much as one inch. Woodward (Woodward County) and Kenton (Cimarron) each broke the one-inch barrier twice. Woodward reported 1.23 inches on the 8th and 1.70 inches on the 10th. Kenton recorded the greatest daily rainfall amount of the month, a reported 1.80 inches on the 8th, in addition to a 1.22-inch total reported on the 18th. The other one-inch reports were 1.01 inch at Regnier (Cimarron) on the 9th and 1.07 inches at Tuskahoma (Pushmataha) on the 11th. No precipitation event greater than .25 inch was recorded in the state after the 19th. Kenton and Woodward were the only reporting stations to exceed their August normal precipitation and many stations did not report measurable precipitation.

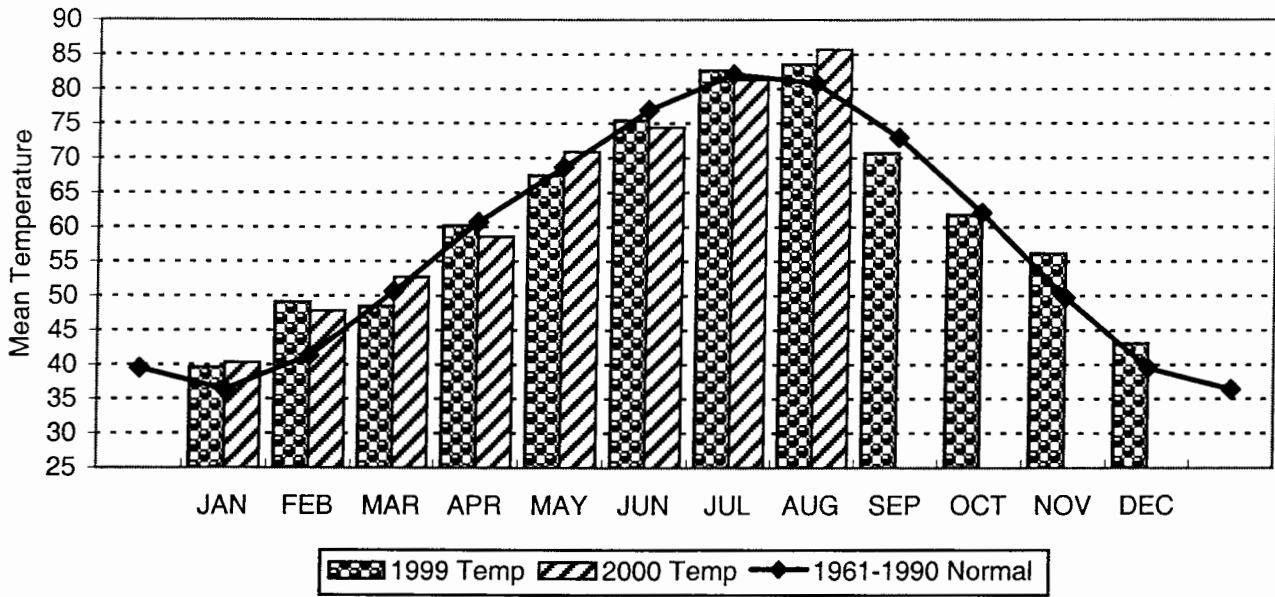
The cloudless days were hot. Daily maximum temperatures at three Mesonet stations (Grandfield in Tillman County, Walters in Cotton County, and Waurika in Jefferson County) topped 100 degrees each day from the 2nd through the 31st. The highest temperature reported during the month was 111 degrees at Buffalo (Harper), reported on the 26th. There were five other days during the month (4th, 13th, 27th, 28th, and 31st) when various National Weather Service observers around the state recorded 110-degree daily maximum temperatures. Two heat-related deaths were reported, both in the Oklahoma City metropolitan area late in the month.

Mesonet stations recorded peak winds in excess of 50 miles per hour on four days during the month. All four of the events were in the northwest and each was associated with a thunderstorm. The Woodward site recorded a wind of 75 miles per hour on the 7th, Goodwell (Texas) recorded 60 miles per hour on the 8th, and Kenton notched 51 miles per hour on the 9th and 63 on the 17th. Wind damage from thunderstorm-associated winds occurred at Quinton (Pittsburg) on the 23rd.

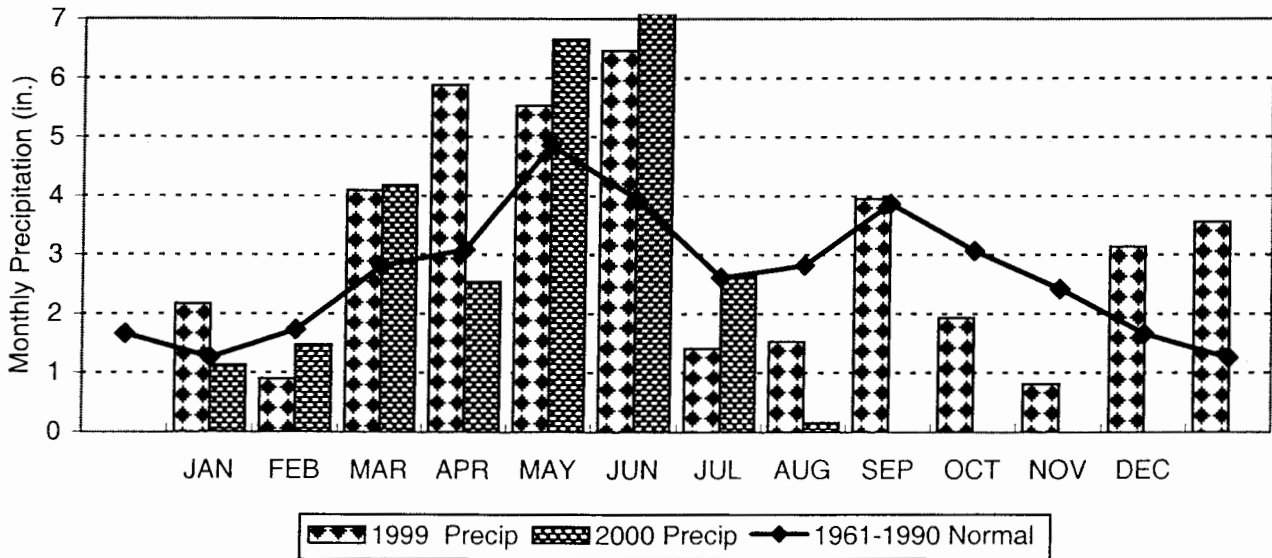
A burn-ban was implemented by the state for 15 counties in the southeast on the 18th. After a wildfire broke out near Binger (Caddo), the ban was extended to 71 counties (statewide save for 5 counties in the northeast and Cimarron County in the Panhandle) on the 23rd. The five northeastern counties were included in the ban, which remained in place at the end of the month, on the 29th. Near end of the month, the governor declared a drought emergency in several counties along the Red River in south central and southwestern Oklahoma.

Howard L. Johnson

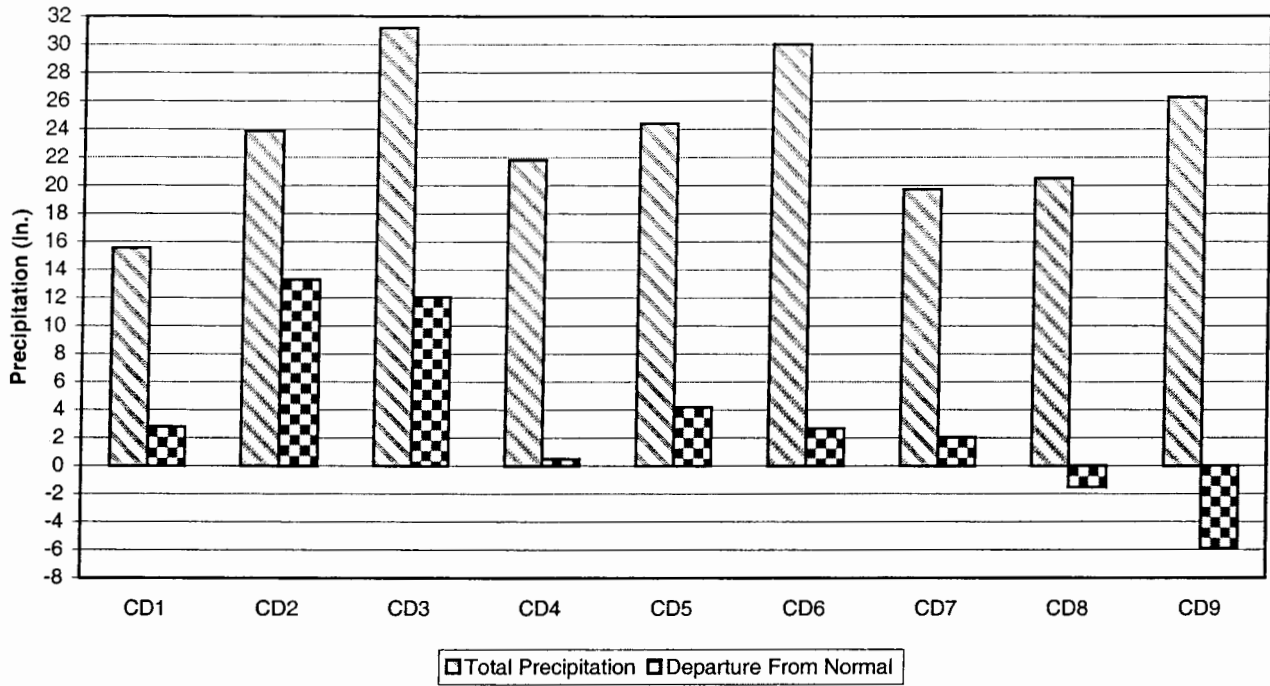
1999 and 2000 STATEWIDE TEMPERATURES Monthly Averages



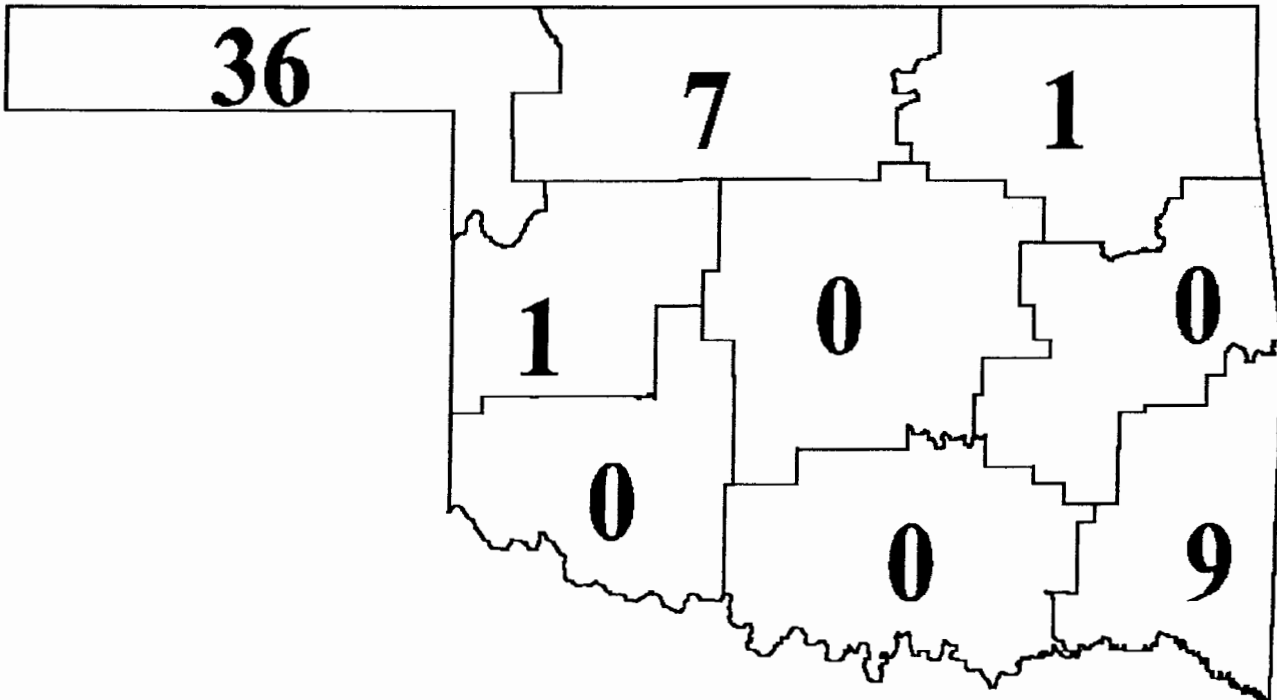
1999 and 2000 STATEWIDE PRECIPITATION Monthly Totals



CD Averaged Precipitation January through August 2000



CD PERCENT OF NORMAL PRECIPITATION August 2000



**EXTREME VALUES OF TEMPERATURE AND PRECIPITATION IN EACH CLIMATE DIVISION
AUGUST, 2000**

CD	MAX TEMP	DATE	LOCATION	MIN TEMP	DATE	LOCATION	24-HOUR PRECIP	DATE	LOCATION	MONTHLY PRECIP	LOCATION
1	111	26	BUFFALO	55	1	BEAVER	1.88	7	GUYMON	3.11	KENTON
2	110	27	ALVA	57	1	FT SUPPLY	1.70	10	WOODWARD	3.01	WOODWARD
	110	28	ALVA								
	110	27	JEFFERSON								
	110	28	JEFFERSON								
3	108	27	BARTLESVILLE	60	30	UPPER SPAV	.17	18	MANNFORD	.19	WANN
	108	31	BARTLESVILLE								
	108	31	NOWATA								
4	107	28	ELK CITY	58	1	HAMMON	.63	10	REYDON	.63	REYDON
	107	27	OKEENE								
5	106	31	BRISTOW	53	2	PURCELL	.35	7	CUSHING	.35	CUSHING
	106	26	HENNESSEY								
	106	27	HENNESSEY								
	106	27	KINGFISHER								
	106	28	STILLWATER								
6	110	31	EUFULA	58	29	STILWELL	.01	22	MCALESTER	.01	MCALESTER
7	109	4	CHATTANOOGA	61	1	ANADARKO	.01	10	ALTUS	.01	ALTUS
				61	1	MANGUM					
8	109	12	WAURIKA	61	15	MARIETTA	.00	1	ALL	.00	ALL
9	109	31	TUSKAHOMA	59	14	SMITHVILLE	1.07	11	TUSKAHOMA	1.12	TUSKAHOMA
	109	31	WILBURTON								

TABLE OF 1999/2000 COMPARISONS

**AUGUST
Temperature (°F)**

**AUGUST
Precipitation (in.)**

Station	1999	2000	1999	2000
Arnett	80.4	82.0	1.02	0.16
Enid	83.4	88.0	3.59	0.06
Tulsa	84.5	86.7	0.42	0.01
Elk City	83.0	84.5	2.49	0.00
Oklahoma City	84.7	85.4	1.35	0.00
McAlester	84.4	86.4	1.22	0.01
Altus Irr Station	85.9	86.8	0.60	0.01
Ardmore	87.2	88.6	1.67	0.00
Idabel	86.0	86.0	0.33	0.65

EXTREMES

VARIABLE	STATION	DIVISON	OBSERVATION	DATE
Minimum temperature (°F)	Purcell	5	53	2
Maximum temperature (°F)	Buffalo	1	111	26
Maximum 24-hour Precipitation	Guymon	1	1.88"	7

AUGUST 2000 SUMMARY FOR PANHANDLE DIVISION (CD1)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV		MIN	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV		DAY		
					FROM NORM	MAX TEMP								FROM NORM	MAX 24-HR			
ARNETT	332	1	82.0	31	3.4	103	27	59	1	0	0	528	106	0.160	31	-2.25	0.10	11
BEAVER	593	1	84.5	31	5.9	106	27	55	1	0	0	606	184	0.390	31	-2.56	0.24	10
BOISE CITY	908	1	79.6	31	4.1	101	14	59	2	0	0	454	128	1.300	31	-1.15	0.74	9
BUFFALO	1243	1	88.2	30	6.9	111	26	64	18	0	0	697	192	0.240	31	-3.22	0.12	18
FARGO	3070	1	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	1.051	31	-1.66	0.96	10
GAGE	3407	1	84.7	30	4.6	106	27	57	2	0	0	590	122	0.312	30	****	0.31	8
GATE	3489	1	85.5	31	5.8	107	27	61	18	0	0	637	181	0.600	31	-2.28	0.48	18
GOODWELL	3628	1	82.7	31	6.3	106	4	58	1	0	0	548	195	1.350	31	-0.81	0.75	10
GUYMON	3835	1	83.9	18 *	****	105	4	60	1	0	*****	341	*****	1.960	20	*****	1.88	7
HOOKER	4298	1	83.8	31	6.1	105	26	61	18	0	0	583	189	0.530	31	-1.78	0.31	9
KENTON	4766	1	79.6	28 *	****	100	5	58	2	0	*****	409	*****	3.111	31	0.47	1.80	9
LAVERNE	5045	1	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.161	31	-2.70	0.07	18
RANGE	7412	1	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.470	31	*****	0.47	1
REGNIER	7534	1	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	1.921	31	0.04	1.01	9
TURPIN	9017	1	82.7	22 *	****	104	7	60	1	0	*****	390	*****	0.000	22	*****	0.00	31

AUGUST 2000 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV		MIN	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV		DAY		
					FROM NORM	MAX TEMP								FROM NORM	MAX 24-HR			
ALVA	193	2	88.4	31 *	****	110	28	65	20	0	*****	727	*****	0.350	31	*****	0.35	18
VANCE AFB	302	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.001	31	*****	0.00	19
BILLINGS	755	2	85.6	31	4.6	105	28	63	1	0	0	639	143	0.650	31	-2.48	0.65	18
BLACKWELL 2E	818	2	85.8	31	4.7	107	28	65	2	0	0	645	146	0.001	31	-3.19	0.00	19
BRAMAN	1075	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	*****	0.00	31
CEDARDALE	1620	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	*****	0.00	31
CHEROKEE	1724	2	87.8	31	5.6	108	27	64	1	0	0	707	174	0.100	31	-2.92	0.10	18
ENID	2912	2	88.0	31	6.3	106	27	65	19	0	0	713	195	0.060	31	-3.12	0.06	18
FT SUPPLY	3304	2	84.0	31	4.9	106	26	57	1	0	0	589	152	0.150	31	-2.67	0.10	10
FREEDOM	3358	2	84.4	28 *	****	106	28	60	2	0	*****	543	*****	0.600	30	*****	0.51	18
GREAT SALT P	3740	2	87.7	31	6.8	107	28	64	19	0	0	705	212	0.170	31	-3.10	0.10	19
HARDY	3909	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	*****	0.00	31
HELENA	4019	2	85.5	31	5.2	106	27	64	19	0	0	636	162	0.070	31	-2.69	0.07	19
JEFFERSON	4573	2	86.9	31	5.2	110	28	61	1	0	0	679	161	0.190	31	-3.04	0.19	19
LAHOMA	4950	2	86.1	31 *	****	109	20	62	5	0	*****	654	*****	0.000	31	*****	0.00	31
LAMONT	5013	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.090	31	*****	0.05	19
MEDFORD	5768	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.050	31	*****	0.05	19
MORRISON	6065	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	*****	0.00	31
MUTUAL	6139	2	85.7	31	5.7	107	27	60	1	0	0	642	177	0.050	31	-2.15	0.05	8
NEWKIRK	6278	2	86.3	31	5.4	105	28	64	2	0	0	660	167	0.000	31	-3.45	0.00	31
ORIENTA	6751	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-2.74	0.00	31
PERRY	7012	2	88.2	29 *	****	105	30	68	19	0	*****	674	*****	0.000	29	*****	0.00	31
PONCA CITY	7201	2	88.4	31	7.6	107	28	66	2	0	0	727	237	0.142	31	-3.28	0.14	8
RED ROCK	7505	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.070	31	-2.76	0.07	17
WAYNOKA	9404	2	86.7	9 *	****	106	13	66	31	0	*****	196	*****	0.000	9	*****	0.00	31
WOODWARD	9760	2	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	3.010	31	0.10	1.70	10

AUGUST 2000 SUMMARY FOR NORTHEAST DIVISION (CD3)

NAME	ID	CD	DEV					MIN		HEAT	DEV	COOL	DEV	TOT	NUM	DEV	MAX	DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	DAY	TEMP	DAY	DEG DAY	FROM NORM	DEG DAY	FROM NORM	PPT	OBS	FROM NORM	24-HR	
BARNSDALL	535	3	85.0	31	4.3	105	31	64	2	0	0	621	134	0.001	31	-3.45	0.00	19
BARTLESVILLE	548	3	85.5	31	5.0	108	31	62	21	0	0	636	155	0.130	31	-3.02	0.13	18
BIXBY	782	3	84.2	31	4.9	106	31	66	2	0	0	597	154	0.000	31	-2.75	0.00	31
BURBANK	1256	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-3.41	0.00	31
CHELSEA	1717	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.000	31	*****	0.00	31
CLAREMORE	1828	3	82.6	30	2.9	102	31	64	3	0	0	527	71	0.000	30	****	0.00	31
CLEVELAND 2	1902	3	84.0	31*	****	102	31	65	19	0	*****	588	*****	0.000	31	****	0.00	31
FORAKER	3250	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-3.46	0.00	31
HOLLOW	4258	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-3.21	0.00	31
HOMINY	4289	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.001	31	-3.28	0.00	19
KANSAS	4672	3	83.4	28*	****	103	31	63	1	0	*****	516	*****	0.000	28	****	0.00	31
LENAPAH	5118	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
MANNFORD	5522	3	86.3	28*	****	107	31	63	1	0	*****	597	*****	0.170	28	****	0.17	18
MARAMEC	5540	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-3.18	0.00	31
NOWATA	6485	3	85.1	31	4.6	108	31	65	19	0	0	624	143	0.000	31	-3.32	0.00	31
PAWHUSKA	6935	3	86.1	31	5.9	106	31	65	2	0	0	655	184	0.031	31	-3.55	0.03	18
PAWNEE	6940	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-3.21	0.00	31
PRYOR	7309	3	83.3	31	4.1	101	31	64	2	0	0	568	128	0.000	31	-3.27	0.00	31
RALSTON	7390	3	84.0	31	3.5	106	26	61	1	0	0	591	110	0.000	31	-3.31	0.00	31
SKIATOOK	8258	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-3.16	0.00	31
SPAVINAW	8380	3	86.0	31	5.2	103	31	67	2	0	0	653	163	0.000	31	-3.91	0.00	31
TULSA	8992	3	86.7	31	5.2	105	31	67	19	0	0	673	161	0.011	31	-3.11	0.01	18
UPPER SPAV	9101	3	85.0	31*	****	105	31	60	30	0	*****	622	*****	0.001	31	*****	0.00	1
VINITA	9203	3	83.7	27*	****	103	31	63	1	0	*****	505	*****	0.040	28	****	0.04	31
WAGONER	9247	3	86.4	27*	****	104	31	67	19	0	*****	578	*****	0.000	27	****	0.00	31
WANN	9298	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.190	31	****	0.13	8
WYNONA	9792	3	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.001	31	****	0.00	18

AUGUST 2000 SUMMARY FOR WEST CENTRAL DIVISION (CD4)

NAME	ID	CD	DEV					MIN		HEAT	DEV	COOL	DEV	TOT	NUM	DEV	MAX	DAY
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	DAY	TEMP	DAY	DEG DAY	FROM NORM	DEG DAY	FROM NORM	PPT	OBS	FROM NORM	24-HR	
CANTON DAM	1445	4	86.1	31	5.9	106	27	62	1	0	0	654	183	0.000	31	-2.41	0.00	31
CLINTON	1909	4	86.2	30	3.8	104	25	64	1	0	0	636	97	0.000	30	****	0.00	30
COLONY	2039	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
CORDELL	2125	4	85.8	31	4.3	105	14	63	2	0	0	646	134	0.000	31	-3.08	0.00	31
ELK CITY	2849	4	84.5	31	4.4	107	28	63	1	0	0	603	135	0.000	31	-2.88	0.00	31
ERICK	2944	4	84.5	31	4.4	104	27	60	2	0	0	606	138	0.000	31	-2.51	0.00	31
GEARY	3497	4	85.7	29*	****	103	26	63	1	0	*****	599	*****	0.000	29	****	0.00	31
HAMMON	3871	4	84.6	31	4.7	102	27	58	1	0	0	607	145	0.000	31	-2.97	0.00	31
LEEDEY	5090	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-2.55	0.00	31
MACKIE	5463	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
MORAVIA	6035	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-2.51	0.00	31
OKEENE	6629	4	87.2	31	5.3	107	27	64	2	0	0	689	165	0.000	31	-2.73	0.00	31
RETROP	7565	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.180	31	****	0.18	10
REYDON	7579	4	84.5	28*	****	103	27	65	19	0	*****	546	*****	0.630	28	****	0.63	10
SAYRE	7952	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-2.42	0.00	31
SWEETWATER	8652	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.001	31	****	0.00	9
TALOGA	8708	4	84.5	31	4.2	106	28	61	2	0	0	606	132	0.000	31	-2.43	0.00	31
THOMAS	8815	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
VICI	9172	4	*****	0*	****	****	0	****	0	*****	*****	*****	*****	0.340	31	-1.94	0.34	7
WATONGA	9364	4	87.1	31	6.2	103	28	64	1	0	0	685	192	0.000	31	-2.29	0.00	31
WEATHERFORD	9422	4	86.1	31	5.6	103	14	65	1	0	0	655	174	0.000	31	-2.84	0.00	31

AUGUST 2000 SUMMARY FOR CENTRAL DIVISION (CD5)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV		MIN DAY	MAX DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY	
					FROM NORM	MAX TEMP												
AMBER	200	5	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
ARCADIA	288	5	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
BLANCHARD	830	5	87.4	31	5.6	105	31	64	1	0	0	696	175	0.000	31	-2.73	0.00	31
BRISTOW	1144	5	84.4	30	3.5	106	31	63	30	0	0	582	89	0.000	30	****	0.00	31
CHANDLER	1684	5	85.2	31	3.8	104	30	65	3	0	0	626	118	0.000	31	-2.62	0.00	31
CHICKASHA EXP	1750	5	87.3	31	6.2	105	27	64	14	0	0	690	191	0.000	31	-2.76	0.00	31
COX CITY	2196	5	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
CRESCENT	2242	5	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
CUSHING	2318	5	85.8	31	5.1	104	28	67	1	0	0	645	158	0.350	31	-2.38	0.35	7
EDMOND	2788	5	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
EL RENO	2818	5	86.3	31	5.4	104	28	62	1	0	0	660	167	0.020	31	-2.77	0.02	18
GUTHRIE	3821	5	84.8	30	2.6	104	31	58	2	0	0	593	60	0.000	31	-2.27	0.00	31
HENNESSEY	4055	5	87.3	31	5.7	106	27	64	1	0	0	691	176	0.000	31	-2.86	0.00	31
INGALLS	4489	5	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.001	31	****	0.00	7
KINGFISHER	4861	5	86.6	31	4.7	106	27	63	2	0	0	671	147	0.090	31	-2.61	0.09	18
KONAWA	4915	5	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-1.99	0.00	31
MARSHALL	5589	5	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-2.57	0.00	31
MEEKER	5779	5	82.3	25 *	****	101	28	60	2	0	****	433	****	0.000	25	****	0.00	31
MULHALL	6110	5	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
NORMAN NWS	6386	5	86.1	31	4.9	102	31	64	1	0	0	654	152	0.000	31	-2.86	0.00	31
OKEMAH	6638	5	85.9	31	5.0	104	31	68	19	0	0	648	155	0.000	31	-2.64	0.00	31
OKLAHOMA CTY	6659	5	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
OKLAHOMA CTY	6661	5	85.4	31	4.3	104	31	65	14	0	0	634	135	0.000	31	-2.60	0.00	31
PERKINS	7003	5	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-2.54	0.00	31
PIEDMONT	7068	5	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
PRAGUE	7264	5	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-2.43	0.00	31
PURCELL	7327	5	86.8	23 *	****	105	27	56	1	0	****	501	****	0.000	28	****	0.00	31
SEMINOLE	8042	5	85.0	31	2.4	104	27	65	2	0	0	619	73	0.000	31	-2.64	0.00	31
SHAWNEE	8110	5	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-2.50	0.00	31
STILLWATER	8501	5	85.8	28 *	****	106	28	64	2	0	****	583	****	0.050	29	****	0.05	7
STROUD	8563	5	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
TECUMSEH	8751	5	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
TROUSDALE	8960	5	84.9	31 *	****	104	28	62	1	0	****	617	****	0.000	31	****	0.00	31
UNION CITY	9086	5	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-2.88	0.00	31
WELTY	9479	5	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
WEWOKA	9575	5	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-2.77	0.00	31

AUGUST 2000 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV		MIN DAY	MAX DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY	
					FROM NORM	MAX TEMP												
ASHLAND	364	6	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
CALVIN	1391	6	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-2.41	0.00	31
CHECOTAH	1711	6	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-2.84	0.00	31
CLAYTON	1858	6	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
DEWAR	2485	6	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-2.51	0.00	31
DUSTIN	2690	6	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.001	31	****	0.00	4
EUFAULA	2993	6	88.8	31	6.6	110	31	70	9	0	0	737	204	0.000	31	-2.59	0.00	31
HANNA	3884	6	84.0	31	3.0	105	31	64	30	0	0	589	93	0.000	31	-2.56	0.00	31
HOLDENVILLE	4235	6	86.2	31	4.7	107	30	64	1	0	0	657	145	0.000	31	-2.52	0.00	31
LAKE EUFAULA	4975	6	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
LYONS	5437	6	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-3.16	0.00	31
MARBLE CITY	5546	6	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
MCALESTER	5664	6	86.4	31	5.1	107	31	66	2	0	0	663	158	0.010	31	-3.04	0.01	22
MCCURTAIN	5693	6	88.5	31	7.1	109	31	66	1	0	0	728	220	0.001	31	-2.91	0.00	24
MUSKOGEE	6130	6	84.5	30	3.4	105	27	65	2	0	0	586	87	0.000	30	****	0.00	30
OKMULGEE	6670	6	84.2	31	4.6	106	31	64	21	0	0	596	143	0.000	31	-2.69	0.00	31
OKTAHA	6678	6	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
SALLISAW	7862	6	86.2	31	5.2	104	31	66	2	0	0	657	161	0.000	31	-3.39	0.00	31
SCIPIO	7979	6	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
SHORT	8170	6	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	****	0.00	31
STILWELL	8506	6	81.9	31	3.1	103	31	58	29	0	0	523	95	0.000	31	-3.89	0.00	31
TAHLEQUAH	8677	6	84.1	31	4.3	104	31	63	1	0	0	593	134	0.000	31	-3.71	0.00	31
WEBBERS FALL	9445	6	85.9	31	5.7	108	31	64	2	0	0	648	177	0.000	31	-2.89	0.00	31
WETUMKA	9571	6	****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-2.59	0.00	31

AUGUST 2000 SUMMARY FOR SOUTHWEST DIVISION (CD7)

NAME	ID	CD	MEAN		DEV		DAY	MIN		HEAT		DEV		COOL		DEV		TOT	PPT	NUM	OBS	FROM	NORM	MAX	24-HR	DAY
			TEMP	OBS	FROM	MAX		TEMP	DAY	DEG	DAY	FROM	DEG	FROM	DEG	FROM	DEG									
ALTUS	179	7	86.8	31	4.0	107	12	65	14	0	0	676	124	0.010	31	-2.44	0.01	10								
ALTUS DAM	184	7	89.9	31	7.4	106	14	63	1	0	0	772	229	0.000	31	-2.39	0.00	31								
ANADARKO	224	7	85.3	30	3.9	102	5	61	1	0	0	610	102	0.000	30	****	0.00	31								
APACHE	260	7	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	-2.43	0.00	31								
ALTUS AFB	447	7	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	****	0.00	31								
CARNEGIE	1504	7	86.9	31	5.1	106	5	64	19	0	0	680	159	0.000	31	-2.32	0.00	31								
CHATTANOOGA	1706	7	88.0	31	4.9	109	4	63	14	0	0	714	153	0.000	31	-2.68	0.00	31								
DUNCAN 11 W	2668	7	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	****	0.00	31								
FREDERICK	3353	7	87.1	27*	****	105	3	67	14	0	****	598	****	0.000	27	****	0.00	31								
HEADRICK	3998	7	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	****	0.00	31								
HOBART	4204	7	88.3	31	6.3	107	5	62	1	0	0	721	194	0.000	31	-2.37	0.00	31								
HOLLIS	4249	7	85.7	31	3.4	105	26	64	1	0	0	643	107	0.000	31	-2.44	0.00	31								
LAWTON	5063	7	87.2	30	4.9	106	4	64	20	0	0	667	131	0.000	30	****	0.00	31								
LOOKEBA	5329	7	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	-2.58	0.00	31								
MANGUM	5509	7	85.3	31	2.7	105	27	61	1	0	0	630	84	0.000	31	-2.28	0.00	31								
ROOSEVELT	7727	7	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	-2.38	0.00	31								
SEDAN	8016	7	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	****	0.00	31								
SNYDER	8299	7	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	-2.51	0.00	31								
VINSON	9212	7	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	-2.29	0.00	31								
WALTERS	9278	7	88.5	31	5.3	107	13	65	1	0	0	729	165	0.000	31	-2.68	0.00	31								
WICHTA MT	9629	7	86.5	29*	****	105	4	62	1	0	****	624	****	0.000	29	****	0.00	31								
WILLOW	9668	7	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	****	0.00	31								

AUGUST 2000 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

NAME	ID	CD	MEAN		DEV		DAY	MIN		HEAT		DEV		COOL		DEV		TOT	PPT	NUM	OBS	FROM	NORM	MAX	24-HR	DAY
			TEMP	OBS	FROM	MAX		TEMP	DAY	DEG	DAY	FROM	DEG	FROM	DEG	FROM	DEG									
ADA	17	8	87.1	31	5.8	105	31	64	1	0	0	684	179	0.000	31	-2.93	0.00	31								
ALLEN	147	8	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	****	0.00	31								
ARDMORE	292	8	88.6	29*	****	106	31	71	13	0	****	685	****	0.000	29	****	0.00	31								
BOKCHITO	917	8	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	****	0.00	31								
COLEMAN	2011	8	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	****	0.00	31								
COMANCHE	2054	8	87.2	31*	****	103	31	70	1	0	****	689	****	0.000	31	-2.75	0.00	31								
CANEY	1437	8	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	****	0.00	31								
CENTRAHOMA	1648	8	84.7	31*	****	107	18	64	2	0	****	612	****	0.000	31	****	0.00	31								
DAISY	2354	8	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	-3.20	0.00	31								
DUNCAN	2660	8	86.4	30	4.3	102	31	67	15	0	0	642	112	0.000	30	****	0.00	31								
DURANT	2678	8	84.7	31	3.2	108	31	63	13	0	0	612	100	0.000	31	-2.61	0.00	31								
ELMORE CITY	2872	8	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	****	0.00	31								
GRADY	3688	8	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	****	0.00	31								
HEALDTON	4001	8	86.9	31	4.7	107	31	62	15	0	0	680	147	0.000	31	-2.44	0.00	31								
HENNEPIN	4052	8	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	****	0.00	31								
KETCHUM RAN	4780	8	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	****	0.00	31								
KINGSTON	4865	8	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	-2.60	0.00	31								
LEHIGH	5108	8	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	****	0.00	31								
LINDSAY	5216	8	86.2	22*	****	104	19	62	14	0	****	467	****	0.000	22	****	0.00	31								
LOCO	5247	8	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	****	0.00	31								
MADILL	5468	8	87.5	31	4.7	105	31	65	14	0	0	697	145	0.000	31	-2.58	0.00	31								
MARIETTA 5 S	W 5563	8	84.8	31	2.2	106	18	61	15	0	0	615	69	0.000	31	-2.67	0.00	31								
MARLOW	5581	8	88.4	31	7.0	108	31	62	1	0	0	727	219	0.000	31	-2.60	0.00	31								
MCGEE CREEK	5713	8	87.7	31*	****	108	31	67	2	0	****	704	****	0.000	31	****	0.00	31								
PAULS VALLEY	6926	8	85.2	31	2.8	106	31	63	2	0	0	625	86	0.000	31	-2.20	0.00	31								
PONTOTOC	7214	8	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	-2.73	0.00	31								
TISHOMINGO	8884	8	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	-2.63	0.00	31								
TUSSY	9032	8	****	0*	****	****	0	****	0	****	****	****	****	0.000	31	****	0.00	31								
WAURIKA	9395	8	89.8	31	6.5	109	12	66	14	0	0	770	203	0.000	31	-2.65	0.00	31								

AUGUST 2000 SUMMARY FOR SOUTHEAST DIVISION (CD9)

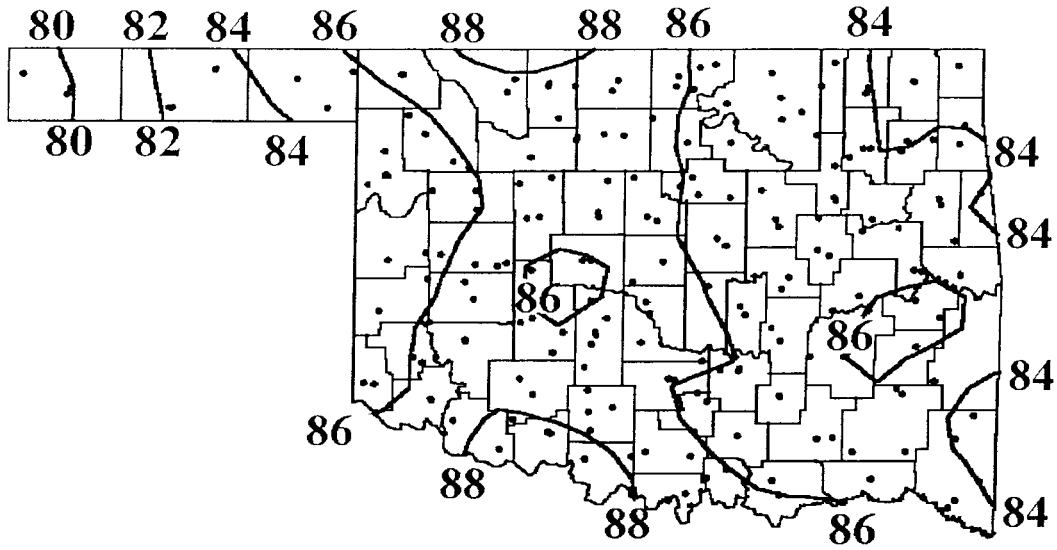
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			TEMP	NUM	FROM	MAX	DAY	TEMP	DAY	DEG	FROM	DEG	FROM	NORM	DEG	FROM	NORM	PPT	NUM	FROM
BATTIEST	567	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.500	31	*****	0.50	12		
BENGAL	670	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.180	31	*****	0.18	24		
BROKEN BOW	1162	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.200	31	-2.73	0.16	11		
CARNASAW	1499	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.070	31	-2.88	0.07	12		
CARTER TWR	1544	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-3.65	0.00	31		
FANSHAWE	3065	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-3.06	0.00	31		
HEAVENER	4008	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-3.34	0.00	31		
IDABEL	4451	9	86.0	31	5.5	106	31	67	1	0	0	652	171	0.650	31	-1.91	0.65	12		
PAGE	6842	9	85.7	28 *	****	105	31	63	1	0	*****	581	*****	0.220	29	*****	0.22	23		
POTEAU	7254	9	85.9	31 *	****	107	30	64	13	0	*****	648	*****	0.000	31	*****	0.00	31		
SMITHVILLE	8285	9	81.9	31	3.3	106	31	59	14	0	0	523	101	0.001	31	-3.33	0.00	12		
SPIRO	8416	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.020	31	-2.31	0.02	1		
TUSKAHOMA	9023	9	85.7	31	4.6	109	31	63	30	0	0	642	143	1.120	31	-2.18	1.07	11		
VALLIANT	9118	9	*****	0 *	****	****	0	****	0	*****	*****	*****	*****	0.000	31	-2.46	0.00	31		
WILBURTON	9634	9	85.0	31	4.6	109	31	62	3	0	0	619	142	0.070	31	-3.03	0.07	23		
WISTER	9724	9	85.4	17 *	****	107	31	64	31	0	*****	346	*****	0.000	17	*****	0.00	31		

AUGUST 2000 CLIMATE DIVISION SUMMARY

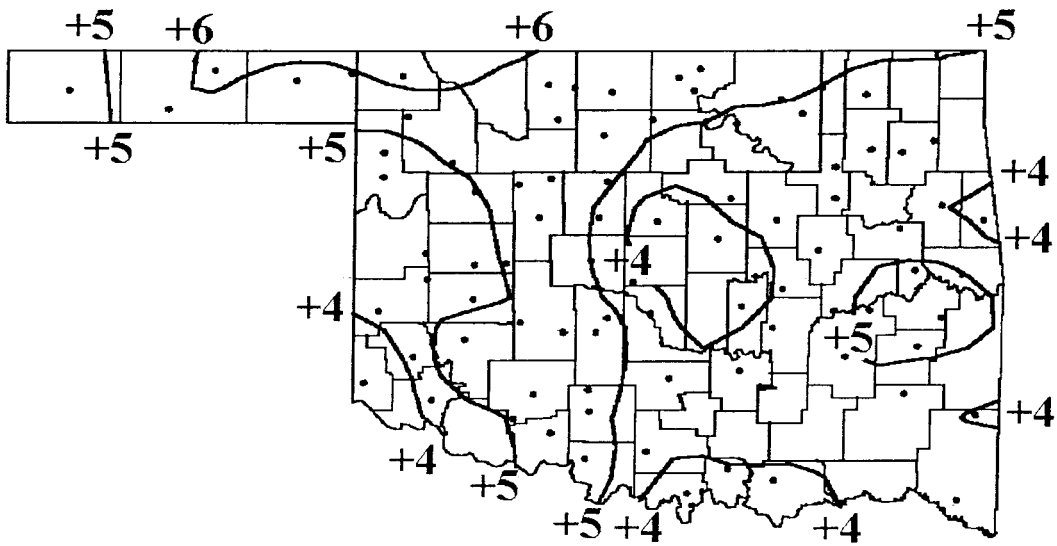
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		TEMP	NUM	FROM	MAX	DAY	TEMP	DAY	DEG	FROM	DEG	FROM	NORM	DEG	FROM	NORM	PPT	NUM	FROM
CLIMATE DIVISION 1	1	83.9	8	5.8	111	26	55	1	0	0	580	173	0.940	12	-1.66	1.88	7		
CLIMATE DIVISION 2	2	86.6	13	5.7	110	28	57	1	0	0	671	176	0.220	23	-2.80	1.70	10		
CLIMATE DIVISION 3	3	84.8	12	4.6	108	31	60	30	0	0	613	142	0.020	22	-3.30	0.17	18		
CLIMATE DIVISION 4	4	85.7	10	5.0	107	27	58	1	0	0	639	153	0.030	18	-2.57	0.63	10		
CLIMATE DIVISION 5	5	85.9	14	4.6	106	28	56	1	0	0	645	139	0.010	32	-2.61	0.35	7		
CLIMATE DIVISION 6	6	85.5	11	4.8	110	31	58	29	0	0	634	147	0.000	23	-2.91	0.01	22		
CLIMATE DIVISION 7	7	87.2	10	4.9	109	4	61	1	0	0	684	148	0.000	18	-2.43	0.01	10		
CLIMATE DIVISION 8	8	86.7	12	4.5	109	12	61	15	0	0	671	136	0.000	26	-2.62	0.00	31		
CLIMATE DIVISION 9	9	84.9	5	4.7	109	31	59	14	0	0	616	147	0.200	14	-2.80	1.07	11		

MESONET MONTHLY SUMMARY FOR AUGUST 2000

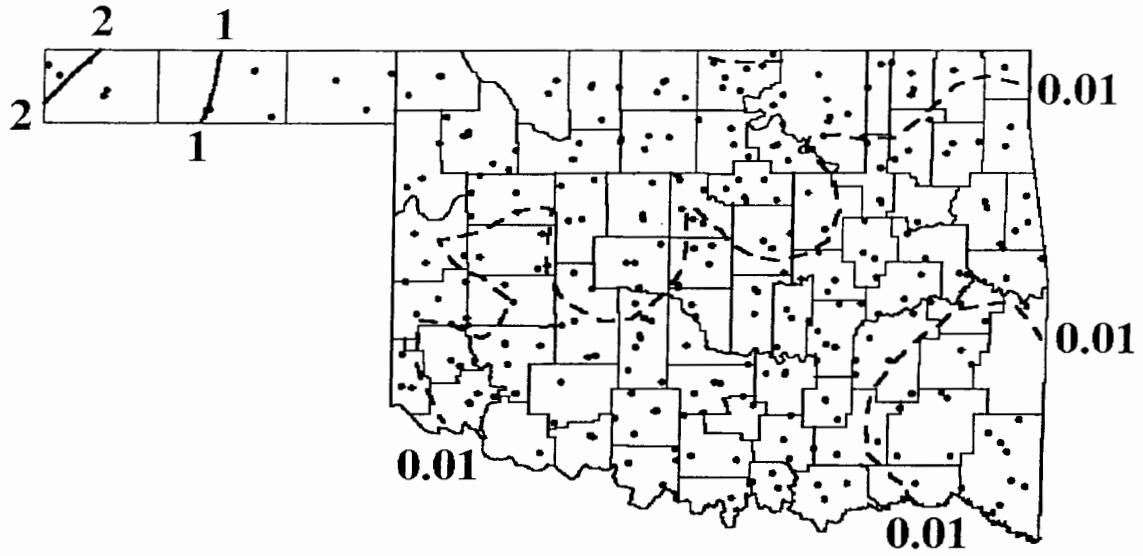
NAME	MEAN MAX			MIN		DEG		TOT MAX			NAME	MEAN MAX			MIN		DEG		TOT MAX		
	TEMP	TEMP	DAY	TEMP	DAY	HDD	COO	PPT	24-HR	DAY		TEMP	TEMP	DAY	TEMP	DAY	HDD	COO	PPT	24-HR	DAY
Arnett	84.2	105	26	62	1	0	595	0.02	0.02	7	Goodwell	81.9	104	3	58	1	0	524	1.09	0.57	9
Beaver	85.3	106	3	57	1	0	628	0.31	0.25	9	Hooker	83.0	105	3	60	1	0	558	0.57	0.30	9
Boise City	79.2	102	3	58	1	0	440	0.84	0.54	18	Kenton	79.3	101	14	60	1	0	442	1.93	0.78	18
Buffalo	87.2	107	26	61	1	0	688	0.10	0.06	18	Slapout	84.5	106	4	60	1	0	603	0.02	0.02	17
NORTH CENTRAL																					
Alva	87.4	107	26	62	1	0	695	0.61	0.61	18	May Ranch	****	106	26	63	18	0	****	****	****	**
Blackwell	85.8	107	27	63	1	0	644	0.01	0.01	18	Medford	88.3	107	26	65	19	0	651	0.06	0.06	18
Breckenridge	86.5	106	26	64	1	0	****	0.01	0.01	30	Newkirk	85.7	105	27	64	18	0	642	0.00	0.00	1
Cherokee	88.2	109	26	64	1	0	697	0.23	0.23	18	Red Rock	85.9	105	26	63	1	0	648	0.01	0.01	2
Fairview	89.4	107	13	64	1	0	709	0.07	0.07	30	Seiling	86.0	105	26	61	2	0	652	0.01	0.01	22
Freedom	87.0	107	26	62	1	0	****	0.14	0.09	18	Woodward	85.9	106	26	63	1	0	649	2.78	1.66	10
Lahoma	86.7	107	26	64	1	0	629	0.00	0.00	1											
NORTHEAST																					
Bixby	83.2	103	31	65	1	0	563	0.00	0.00	1	Nowata	83.7	106	31	62	1	0	578	0.01	0.01	2
Burbank	84.5	106	27	61	1	0	603	0.03	0.03	18	Pawnee	85.2	105	27	64	1	0	566	0.02	0.01	7
Catoosa	85.5	107	31	65	1	0	635	0.00	0.00	1	Porter	84.8	104	31	66	1	0	613	0.00	0.00	1
Claremore	83.1	107	31	64	2	0	562	0.00	0.00	1	Pryor	83.4	105	31	63	2	0	551	0.00	0.00	1
Copan	85.5	107	27	64	1	0	636	0.12	0.11	7	Skiatook	85.8	105	31	65	1	0	644	0.00	0.00	1
Foraker	83.9	106	27	62	19	0	586	0.01	0.01	3	Vinita	82.2	105	31	63	1	0	533	0.00	0.00	1
Jay	83.7	105	31	62	1	0	579	0.00	0.00	1	Wynona	84.7	105	31	65	1	0	611	0.01	0.01	18
Miami	83.1	104	31	62	1	0	561	0.02	0.02	25											
WEST CENTRAL																					
Bessie	87.7	105	26	65	2	0	703	0.00	0.00	1	Putnam	86.0	105	26	63	1	0	630	0.00	0.00	1
Butler	87.4	106	26	61	1	0	693	0.00	0.00	1	Retrop	86.9	104	4	64	1	0	680	0.00	0.00	1
Camargo	85.0	107	26	60	1	0	620	0.02	0.02	7	Watonga	87.3	105	26	67	1	0	670	0.00	0.00	1
Cheyenne	85.3	103	26	65	2	0	630	0.04	0.04	10	Weatherford	87.1	106	4	67	1	0	664	0.00	0.00	1
Erick	84.1	104	26	59	1	0	593	0.00	0.00	1											
CENTRAL																					
Acme	87.0	104	12	61	1	0	683	0.00	0.00	1	Minco	86.1	103	12	67	1	0	655	0.00	0.00	1
Bowlegs	84.3	104	31	63	1	0	598	0.00	0.00	1	Ninnekah	87.8	105	12	64	1	0	707	0.00	0.00	1
Bristow	83.3	104	31	63	1	0	566	0.00	0.00	1	Norman	85.9	104	26	64	1	0	648	0.00	0.00	1
Chandler	84.9	102	17	65	1	0	617	0.00	0.00	1	Oilton	85.0	105	31	61	1	0	621	0.00	0.00	1
Chickasha	86.1	104	12	62	1	0	655	0.00	0.00	1	Okemah	84.4	105	31	65	1	0	601	0.00	0.00	1
El Reno	84.4	103	17	59	1	0	583	0.36	0.36	17	Perkins	86.8	106	26	64	1	0	677	0.07	0.07	7
Guthrie	87.6	105	26	65	1	0	702	0.00	0.00	1	Shawnee	86.5	104	31	65	1	0	666	0.00	0.00	1
Kingfisher	87.5	106	26	63	1	0	698	0.00	0.00	1	Spencer	87.3	103	17	63	1	0	692	0.00	0.00	1
Marena	85.3	104	26	65	1	0	629	0.00	0.00	1	Stillwater	85.6	104	27	64	1	0	640	0.03	0.03	7
Marshall	87.7	107	26	64	1	0	704	0.01	0.01	1	Washington	85.1	104	31	63	14	0	623	0.00	0.00	1
EAST CENTRAL																					
Calvin	84.3	105	31	62	20	0	560	0.00	0.00	1	Sallisaw	85.9	106	31	65	1	0	647	0.00	0.00	1
Cookson	85.7	106	31	61	1	0	620	0.00	0.00	1	Stigler	85.5	106	30	64	1	0	635	0.00	0.00	1
Eufaula	85.7	106	31	66	1	0	643	0.00	0.00	1	Stuart	85.5	105	31	66	1	0	614	0.00	0.00	1
Haskell	83.7	105	31	65	1	0	579	0.00	0.00	1	Tahlequah	84.0	104	31	63	1	0	587	0.00	0.00	3
Hectorville	85.9	105	31	66	19	0	649	0.00	0.00	1	Webbers Falls	85.9	107	31	65	1	0	648	0.00	0.00	1
McAlester	85.7	107	31	65	1	0	642	0.02	0.02	22	Westville	84.6	104	30	63	1	0	607	0.00	0.00	1
Oklmulgee	83.6	105	31	63	2	0	576	0.01	0.01	24											
SOUTHWEST																					
Altus	84.4	106	3	65	20	0	602	0.01	0.01	9	Hollis	86.2	106	4	65	1	0	637	0.00	0.00	1
Apache	85.5	102	4	63	2	0	636	0.00	0.00	1	Mangum	84.3	104	3	59	1	0	599	0.00	0.00	1
Fort Cobb	85.4	103	26	64	1	0	631	0.00	0.00	1	Medicine Park	87.6	103	12	68	1	0	699	0.00	0.00	1
Grandfield	88.2	108	3	62	2	0	718	0.00	0.00	1	Tipton	88.4	106	3	63	1	0	680	****	****	**
Hinton	85.6	103	4	64	1	0	619	0.00	0.00	1	Walters	89.1	108	3	64	1	0	722	0.00	0.00	1
Hobart	87.6	105	4	63	1	0	701	0.00	0.00	1											
SOUTH CENTRAL																					
Ada	87.4	106	31	63	1	0	650	0.00	0.00	1	Madill	87.0	106	17	65	1	0	681	0.00	0.00	1
Ardmore	87.0	105	17	63	14	0	681	0.00	0.00	1	Pauls Valley	86.8	104	17	66	1	0	632	0.00	0.00	1
Burneyville	87.3	107	31	60	14	0	646	0.00	0.00	9	Ringling	88.4	106	31	65	14	0	726	0.00	0.00	1
Byars	87.1	104	31	66	1	0	662	0.01	0.01	14	Sulphur	85.2	105	31	63	20	0	627	0.00	0.00	1
Centrahoma	83.9	106	31	61	2	0	587	0.00	0.00	1	Tishomingo	83.9	107	31	61	14	0	528	0.00	0.00	1
Durant	86.7	106	31	67	2	0	672	0.00	0.00	1	Vanoss	86.6	105	31	63	1	0	668	0.00	0.00	1
Ketchum Ranch	87.1	104	3	64	1	0	685	0.00	0.00	1	Waurika	89.3	108	12	65	1	0	753	0.00	0.00	1
Lane	****	106	31	64	14	0	****	0.03	0.03	11											
SOUTHEAST																					
Antlers	84.0	108	31	60	14	0	587	0.00	0.00	1	Idabel	84.9	108	30	65	1	0	617	0.20	0.20	11
Broken Bow	83.5	108	31	61	14	0	574	0.01	0.01	11	Mt Herman	84.4	104	30	64	1	0	601	0.05	0.05	1
Clayton	86.4	108	31	64	1	0	662	0.00	0.00	1	Talihina	85.2	109	31	63	1	0	****	0.00	0.00	1
Cloudy	84.3	108	31	66	1	0	598	0.01	0.01	29	Wilburton	85.0	107	31	63	1	0	****	0.00	0.00	1
Hugo	86.5	107	31	68	1	0	665	0.00	0.00	1	Wister	****	108	31	61	13	0	****	0.00	0.00	1



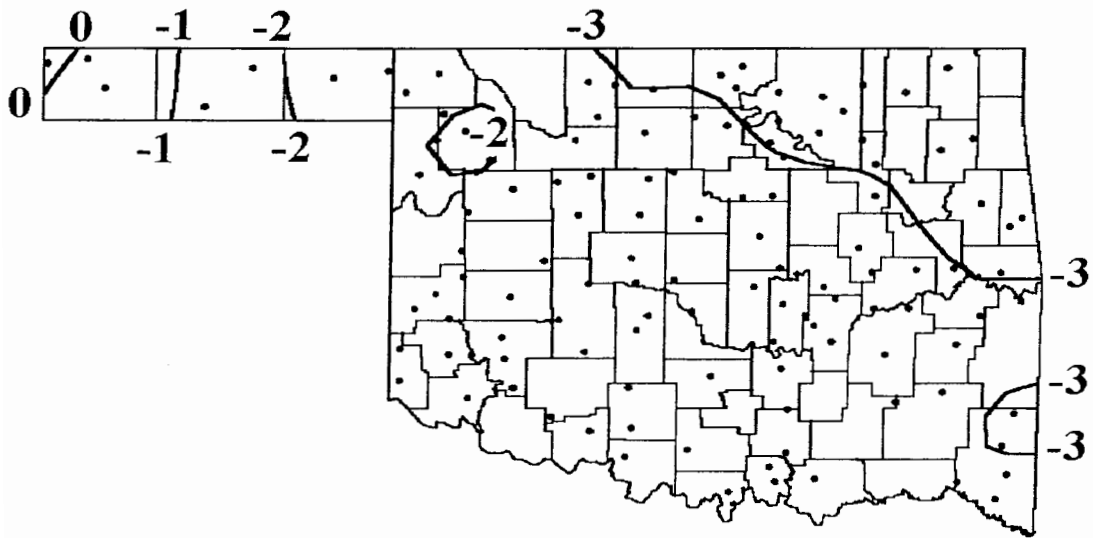
AUGUST 2000 AVERAGE MONTHLY TEMPERATURE (F)



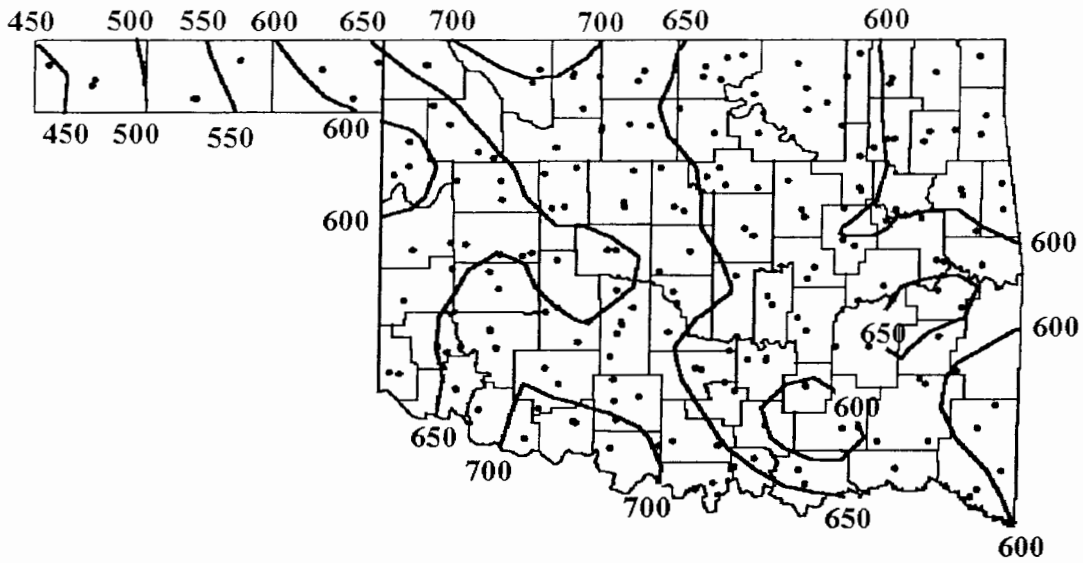
AUGUST 2000 DEPARTURE FROM NORMAL TEMPERATURE (F)



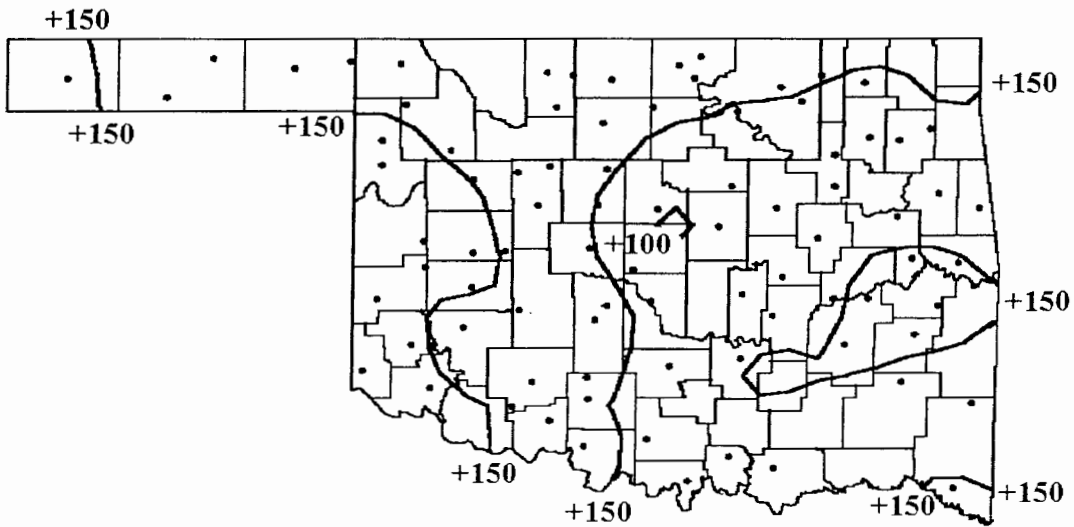
AUGUST 2000 TOTAL PRECIPITATION (INCHES)



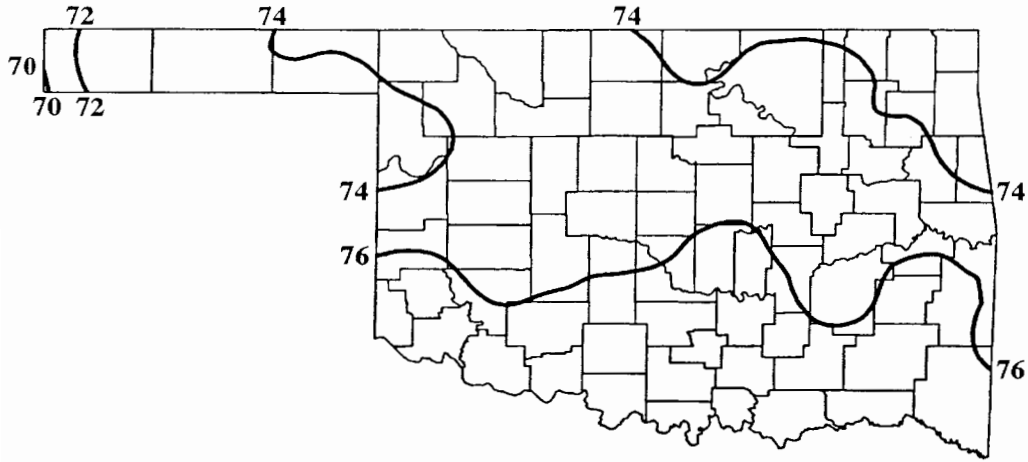
AUGUST 2000 DEPARTURE FROM NORMAL PRECIPITATION (INCHES)



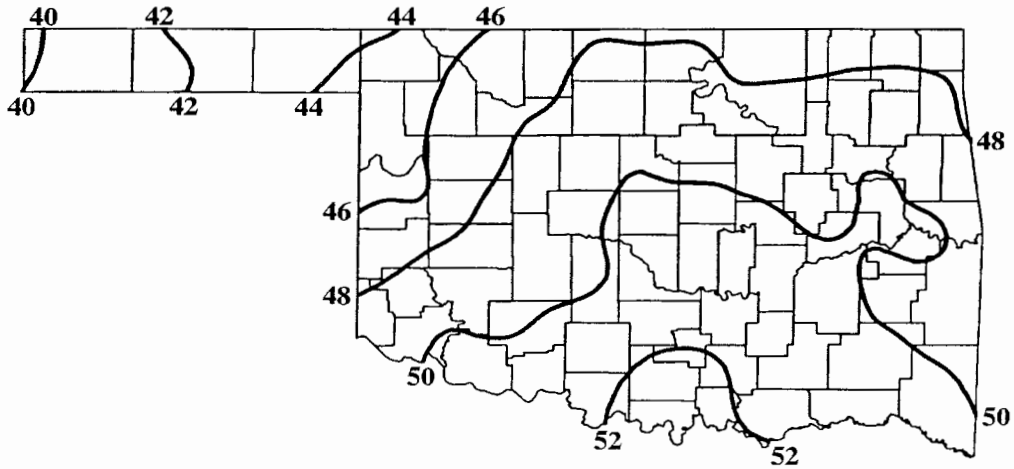
AUGUST 2000 ACCUMULATED COOLING DEGREE DAYS (F)



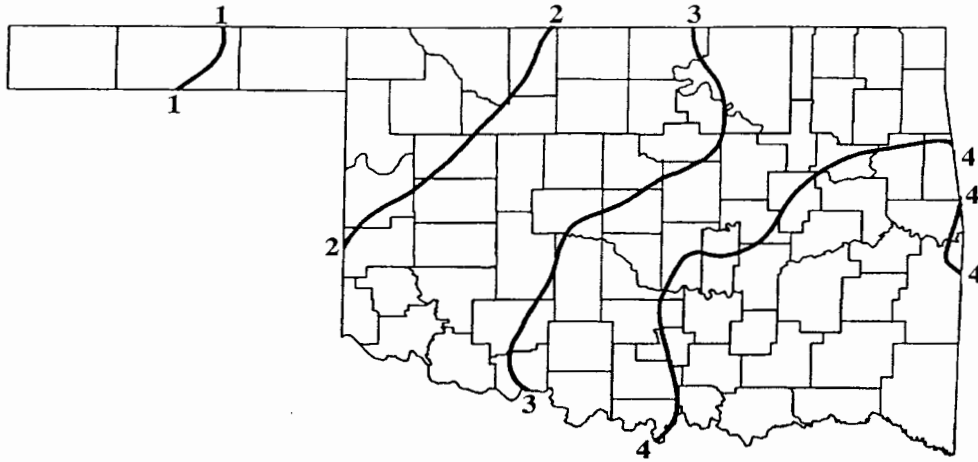
AUGUST 2000 DEPARTURE FROM NORMAL COOLING DEGREE DAYS (F)



OCTOBER NORMAL DAILY MAXIMUM TEMPERATURE (F)



OCTOBER NORMAL DAILY MINIMUM TEMPERATURE (F)



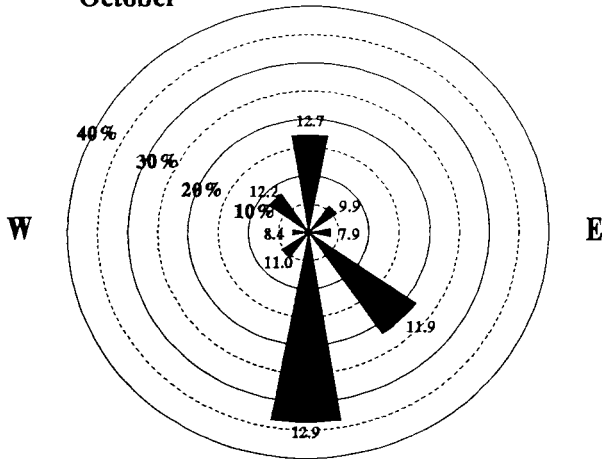
OCTOBER NORMAL MONTHLY PRECIPITATION (INCHES)

OUTLOOK FOR OCTOBER 2000 THROUGH DECEMBER 2000
BASED ON SEASONAL OUTLOOK PROVIDED BY THE CLIMATE PREDICTION CENTER

TEMPERATURE: ABOVE NORMAL IN PANHANDLE, WEST CENTRAL AND SOUTHWESTERN PARTS OF STATE, NEAR NORMAL IN REST OF STATE

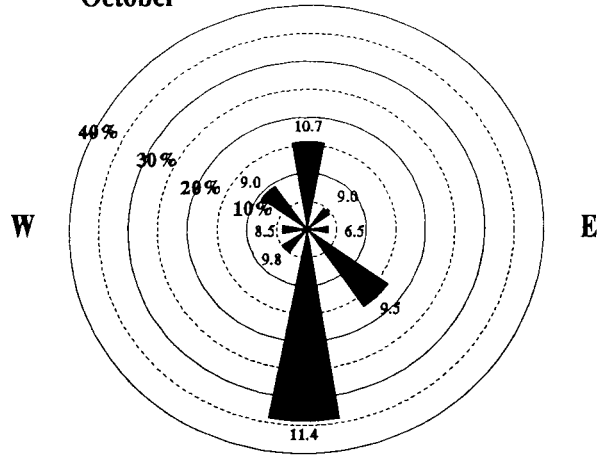
PRECIPITATION: ABOVE NORMAL FOR ENTIRE STATE

Oklahoma City
October



Calm=1.6%
Mean Speed= 11.8 mph

Tulsa
October



Calm=6.0%
Mean Speed= 9.6 mph

October Wind Roses for Oklahoma City and Tulsa. The frequency (percent) of winds from each direction is represented by length of its bar. The numbers at the ends of the bars indicate the average wind speed from that direction in miles per hour.

OCTOBER SUNRISE/SUNSET TIMES FOR 2000

ALL TIMES ARE CENTRAL STANDARD TIME

OKLAHOMA CITY

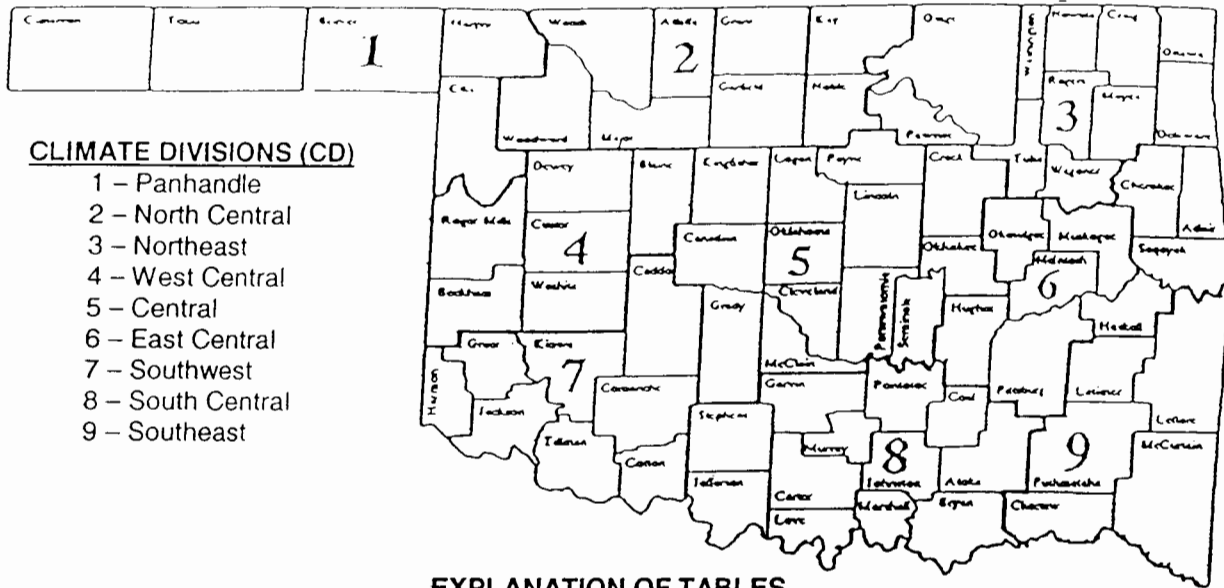
TULSA

<u>DATE</u>	<u>SUNRISE</u>	<u>SUNSET</u>	<u>DATE</u>	<u>SUNRISE</u>	<u>SUNSET</u>
10/1/00	6:25 AM	6:13 PM	10/1/00	6:19 AM	6:07 PM
10/2/00	6:26 AM	6:12 PM	10/2/00	6:20 AM	6:05 PM
10/3/00	6:27 AM	6:10 PM	10/3/00	6:21 AM	6:04 PM
10/4/00	6:28 AM	6:09 PM	10/4/00	6:22 AM	6:02 PM
10/5/00	6:29 AM	6:08 PM	10/5/00	6:22 AM	6:01 PM
10/6/00	6:29 AM	6:06 PM	10/6/00	6:23 AM	6:00 PM
10/7/00	6:30 AM	6:05 PM	10/7/00	6:24 AM	5:58 PM
10/8/00	6:31 AM	6:03 PM	10/8/00	6:25 AM	5:57 PM
10/9/00	6:32 AM	6:02 PM	10/9/00	6:26 AM	5:55 PM
10/10/00	6:33 AM	6:01 PM	10/10/00	6:27 AM	5:54 PM
10/11/00	6:33 AM	5:59 PM	10/11/00	6:28 AM	5:53 PM
10/12/00	6:34 AM	5:58 PM	10/12/00	6:28 AM	5:51 PM
10/13/00	6:35 AM	5:57 PM	10/13/00	6:29 AM	5:50 PM
10/14/00	6:36 AM	5:55 PM	10/14/00	6:30 AM	5:49 PM
10/15/00	6:37 AM	5:54 PM	10/15/00	6:31 AM	5:47 PM
10/16/00	6:38 AM	5:53 PM	10/16/00	6:32 AM	5:46 PM
10/17/00	6:39 AM	5:52 PM	10/17/00	6:33 AM	5:45 PM
10/18/00	6:39 AM	5:50 PM	10/18/00	6:34 AM	5:43 PM
10/19/00	6:40 AM	5:49 PM	10/19/00	6:35 AM	5:42 PM
10/20/00	6:41 AM	5:48 PM	10/20/00	6:36 AM	5:41 PM
10/21/00	6:42 AM	5:47 PM	10/21/00	6:36 AM	5:40 PM
10/22/00	6:43 AM	5:46 PM	10/22/00	6:37 AM	5:38 PM
10/23/00	6:44 AM	5:44 PM	10/23/00	6:38 AM	5:37 PM
10/24/00	6:45 AM	5:43 PM	10/24/00	6:39 AM	5:36 PM
10/25/00	6:46 AM	5:42 PM	10/25/00	6:40 AM	5:35 PM
10/26/00	6:47 AM	5:41 PM	10/26/00	6:41 AM	5:34 PM
10/27/00	6:48 AM	5:40 PM	10/27/00	6:42 AM	5:33 PM
10/28/00	6:49 AM	5:39 PM	10/28/00	6:43 AM	5:32 PM
10/29/00	6:49 AM	5:38 PM	10/29/00	6:44 AM	5:30 PM
10/30/00	6:50 AM	5:37 PM	10/30/00	6:45 AM	5:29 PM
10/31/00	6:51 AM	5:36 PM	10/31/00	6:46 AM	5:28 PM

Savings Time Ends

ADD ONE HOUR FOR CENTRAL DAYLIGHT TIME

OKLAHOMA



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 2000 HDD would be calculated as:

29

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

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

Cooling Degree Days: CDD are calculated each day of the month for which there is a temperature report and 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:

30

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

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

Total Precipitation: Often incorrectly referred to as a 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 the 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.

OKLAHOMA CITY CLIMATE CALENDAR
 DATA COURTESY OF NATIONAL WEATHER SERVICE NORMAN

MONTH October

The data on this calendar is for Oklahoma City.
 Normal values are calculated for the period 1961-1990.
 Temperature extremes are for the period 1891-1999.
 Precipitation extremes are for the period 1891-1999.

Day	Avg. Temp	Avg. High	Record High	Year	Lowest Max	Year	2000	Avg. Low	Highest Min	Year	Record Low	Year	2000	Avg. Ppt.	Greatest Ppt.	Year	2000
1	68	79	97	1938	61	1985		56	74	1911	38	1958		0.13	2.28	1959	
2	67	79	96	1951	57	1902		56	73	1911	41	1975		0.12	4.52	1955	
3	67	78	97	1898	56	1959		56	73	1954	40	1975		0.12	1.59	1981	
4	67	78	96	1931	51	1902		55	75	1911	40	1891		0.12	2.22	1955	
5	66	78	95	1947	53	1988		55	69	1981	38	1932		0.12	1.74	1970	
6	66	77	94	1939	55	1891		54	72	1931	40	1976		0.12	1.38	1989	
7	66	77	94	1979	50	1976		54	73	1939	32	1952		0.12	1.41	1967	
8	65	77	94	1979	50	1970		54	71	1949	35	1976		0.12	0.90	1978	
9	65	76	96	1965	52	1909		53	72	1949	34	1892		0.11	2.09	1961	
10	64	76	95	1965	49	1985		53	71	1973	35	1979		0.11	0.94	1985	
11	64	76	94	1979	51	1987		52	69	1962	35	1896		0.11	1.88	1981	
12	64	75	94	1978	47	1986		52	70	1928	34	1987		0.11	2.45	1923	
13	64	75	90	1963	52	1969		52	72	1899	36	1893		0.11	1.44	1923	
14	63	75	91	1950	47	1923		51	70	1899	32	1969		0.11	2.45	1956	
15	62	74	92	1962	54	1914		51	68	1968	38	1974		0.11	1.46	1953	
16	62	74	95	1917	54	1941		50	67	1965	31	1977		0.10	1.08	1981	
17	62	74	96	1972	51	1925		50	68	1934	33	1976		0.10	1.43	1942	
18	61	73	91	1932	50	1989		50	67	1934	33	1898		0.10	2.34	1960	
19	61	73	92	1894	46	1925		49	69	1979	25	1917		0.10	4.98	1983	
20	61	72	93	1979	42	1910		49	72	1979	26	1976		0.10	5.45	1983	
21	60	72	90	1978	46	1930		48	66	1941	30	1917		0.10	3.70	1972	
22	59	71	87	1939	42	1936		48	65	1941	31	1898		0.10	1.87	1953	
23	59	71	89	1927	45	1895		48	67	1934	26	1917		0.09	1.58	1920	
24	59	71	88	1927	48	1949		47	68	1939	30	1995		0.09	1.44	1920	
25	58	70	87	1939	43	1957		47	68	1939	29	1957		0.09	1.65	1899	
26	58	70	92	1891	42	1936		46	71	1939	26	1957		0.09	3.76	1918	
27	58	69	86	1922	43	1919		46	66	1940	22	1957		0.09	3.19	1984	
28	57	69	89	1938	34	1925		46	65	1961	22	1925		0.09	1.38	1991	
29	57	68	89	1950	34	1925		45	67	1961	22	1917		0.09	1.61	1941	
30	56	68	87	1937	39	1993		45	67	1946	16	1917		0.08	2.84	1974	
31	56	67	86	1938	36	1991		44	65	1982	16	1993		0.08	1.82	1972	
MONTH	62	73.6	97	1938	34	1925		50.4	75	1911	16	1993		3.23	5.45	1983	

*The most tornadoes reported in OCTOBER for Oklahoma was (27) in 1998.

TULSA CLIMATE CALENDAR
 DATA COURTESY OF NATIONAL WEATHER SERVICE NORMAN

MONTH October

The data on this calendar is for Tulsa.
 Normal values are calculated for the period 1961-1990.
 Temperature extremes are for the period 1905-1999.
 Precipitation extremes are for the period 1888-1999.

Day	Avg. Temp	Avg. High	Record High	Year	Lowest Max	Year	2000	Avg. Low	Highest Min	Year	Record Low	Year	2000	Avg. Ppt.	Greatest Ppt.	Year	2000
1	68	79	97	1910	62	1985		57	71	1927	38	1985		0.14	2.95	1986	
2	68	79	96	1978	59	1908		57	73	1954	39	1975		0.14	5.45	1959	
3	67	78	95	1963	63	1959		56	74	1983	39	1987		0.14	1.74	1926	
4	67	78	97	1931	58	1945		56	70	1954	39	1968		0.13	3.79	1941	
5	66	78	95	1947	50	1988		55	73	1981	37	1964		0.13	4.80	1998	
6	66	78	98	1939	57	1988		55	75	1941	35	1932		0.13	3.24	1951	
7	66	77	98	1979	52	1988		54	75	1939	33	1952		0.13	2.07	1928	
8	65	77	97	1979	57	1988		54	73	1939	32	1952		0.13	4.71	1936	
9	65	77	97	1963	54	1993		53	70	1973	32	1917		0.12	0.98	1937	
10	65	76	95	1963	57	1993		53	73	1913	30	1925		0.12	0.95	1929	
11	64	76	94	1979	50	1987		53	71	1912	30	1906		0.12	2.20	1973	
12	64	76	94	1978	49	1986		52	71	1962	32	1921		0.12	3.37	1969	
13	63	75	92	1963	54	1986		52	71	1956	32	1917		0.12	3.50	1923	
14	63	75	92	1963	50	1923		51	69	1968	34	1937		0.12	1.85	1984	
15	63	74	91	1963	55	1943		51	69	1968	38	1966		0.11	2.12	1941	
16	62	74	93	1917	57	1943		51	69	1965	32	1966		0.11	1.92	1923	
17	61	73	90	1947	52	1966		50	73	1998	30	1976		0.11	1.32	1998	
18	61	73	91	1932	51	1989		50	69	1938	29	1948		0.11	1.94	1960	
19	61	73	89	1940	41	1916		49	73	1979	27	1917		0.11	1.73	1983	
20	61	72	91	1979	47	1910		49	76	1979	30	1976		0.11	4.96	1971	
21	60	72	92	1978	50	1930		49	66	1963	30	1917		0.11	2.98	1972	
22	60	72	88	1963	44	1936		48	66	1941	31	1911		0.11	4.05	1920	
23	60	71	92	1939	41	1908		48	70	1991	26	1937		0.11	2.40	1908	
24	60	71	88	1921	50	1972		48	71	1939	24	1917		0.11	0.74	1920	
25	59	70	91	1939	48	1957		47	71	1939	31	1925		0.11	1.53	1932	
26	58	70	90	1950	40	1913		47	64	1939	27	1957		0.11	2.48	1919	
27	58	69	88	1922	46	1936		46	62	1989	23	1925		0.11	2.23	1918	
28	57	69	86	1922	43	1980		46	64	1989	27	1957		0.11	2.45	1974	
29	57	69	90	1950	37	1925		46	66	1961	23	1913		0.11	2.08	1941	
30	57	68	90	1937	41	1993		45	71	1946	15	1917		0.11	1.86	1941	
31	56	68	87	1950	41	1991		45	68	1982	18	1993		0.11	3.12	1981	
MONTH	62.2	73.8	98	1939	37	1925		50.7	76	1979	15	1917		0.12	5.45	1959	

* The average number of tornadoes reported in OCTOBER for Oklahoma is (1.9).