OKLAHOMA MONTHLY CLIMATE SUMMARY
FEBRUARY 2001

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Oklahoma Climatological Survey

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MONTHLY SUMMARY FOR FEBRUARY 2001

February 2001

Statewide average temperature = 41.0º F
Statewide average rainfall = 4.01 inches

February 2001 was wet. Four major winter storms, each featuring various mixtures of frozen, freezing, or liquid precipitation crossed the state. Preliminary data from the National Weather Service provide a statewide-averaged precipitation of 4.01 inches, 2.28 inches greater than normal and the 4th greatest February precipitation since such record keeping began in 1892. Winter 2000/01 (December through February) was the 6th wettest winter recorded (beginning with the 1892/93 season) with a total statewide-averaged precipitation of 8.22 inches, 3.52 inches greater than normal. Precipitation through the first two months of the current year totaled 6.27 inches, averaged statewide, exceeding normal by 3.28 inches and ranking 5th greatest among January-February precipitation totals.

That the statewide-averaged temperature in February (41.0 degrees, 0.3 degrees less than normal, 44th lowest of 110 years) was close to normal did not allay the fact that this has been a cold winter. From the first of November through the end of February, the statewide-averaged temperature was 37.5 degrees, 4.2 degrees less than normal, to rank this as the 5th coldest such period in the state's annals. Temperatures through the three-month "climatological winter" averaged 35.6 degrees, 3.4 degrees less than normal, ranking this as the 8th coldest such period. The year 2001 is off to a "slightly cooler than normal" beginning with a 35.6 degree average temperature (0.6 degrees less than normal, 30th lowest such temperature on record) through its first two months.

February Normals

Statewide average temperature = 41.3º F
Statewide average rainfall = 1.73 inches

Melting of snow left over from January consumed February's first seven days, a moderating trend that ended with the arrival of a winter storm that crossed the state on the 8th and 9th. Thunderstorms in advance of the associated cold front produced strong winds, but spotty rainfall. Mesonet stations near Medicine Park (Comanche County) and Grandfield (Tillman) each reported peak winds of 68 miles per hour on the evening of the 8th. Early morning on the 9th saw gusts of 64 miles per hour at the Ketchum Ranch site near Velma (Stephens) and 61 miles per hour near Walters (Cotton). Wind damage was reported in or near Rush Springs (Grady), Lone Grove (Carter), Maud (Pottawatomie), Kingston (Marshall), and Calera (Bryan). A man was killed when boat docks and other structures were badly damaged by strong winds that raked a marina at Catfish Bay on Lake Texoma. Behind the front, Kenton (Cimarron) reported 8 inches of snow. Four inches of snow fell at Boise City (Cimarron) and Turpin (Beaver). Various forms of winter precipitation were reported elsewhere in the state.

(Continued on page 3.)

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Rain, sleet, and snow all found their way into the weather picture from the 13th through the 17th. Freezing rain and drizzle plagued many areas with a coat of ice, but heavy rain falling on saturated ground produced flooding in several areas. Flash flooding was reported near Davis (Murray). Flooding was reported in McCurtain and LeFlore counties, particularly along the Little and Poteau rivers, and their tributaries. Three inches of rain were commonplace throughout the southeast. Hochatown (McCurtain) accumulated 8.86 inches of rain during the five-day period. Other reports from McCurtain County included: 7.68 inches just north of Broken Bow, 7.49 inches at Carnasaw Tower, 6.45 inches at Carter Tower, 6.44 inches at Idabel, 6.00 inches at Valliant, 5.82 inches at Smithville, and 5.50 inches at Battiest. Heavener and Page in LeFlore County reported 5.93 and 4.91 inches of rain, respectively.

More heavy rain, mostly in northeastern Oklahoma, was reported on the 23rd and 24th. Two-day precipitation totals included 4.45 inches at Upper Spavinaw State Park (Delaware), 4.01 inches at Pawhuska (Osage), 3.90 inches at Tahlequah (Cherokee), 3.88 inches at Checotah (McIntosh), 3.87 inches at Oktaha (Muskogee), and 3.83 inches at Webbers Falls (Muskogee). Peak winds reported with the storm system included 68 miles per hour at the Madill Mesonet site (Marshall) and 61 miles per hour at the Putnam site (Dewey). Thirty-six of the state's 115 Mesonet sites reported peak winds greater than 50 miles per hour.

February went out with one last winter storm. Kenton recorded 4 inches of snow on the 27th and 28th, a total accompanied by 3-inch reports elsewhere in the Panhandle. Haskell (Muskogee), Grady (Jefferson), and Tishomingo (Johnston) reported 2.97, 2.40, and 2.20 inches of rain, respectively, on the 28th. Sleet or freezing rain fell in many areas. Flooding was reported in Delaware County near Grand Lake and the Neosho River left its banks for a time near Commerce (Ottawa).

The state's lowest reported temperature during the month was 2 degrees at Fort Supply (Woodward) on the 9th. Single-digit daily minimum temperatures were commonplace in the state's far northwest on the 9th and 10th. On the other side of the coin, daily maximum temperatures in the 70s were reported on 10 days, led by 77 degrees recorded at the Hollis (Harmon) Mesonet site on the 19th. Daily maximum temperatures, statewide, were 61 degrees or more on the 19th. On the 7th, only the Kenton Mesonet site (59 degrees) recorded a daily maximum temperature lower than 61.

Howard L. Johnson
Associate State Climatologist

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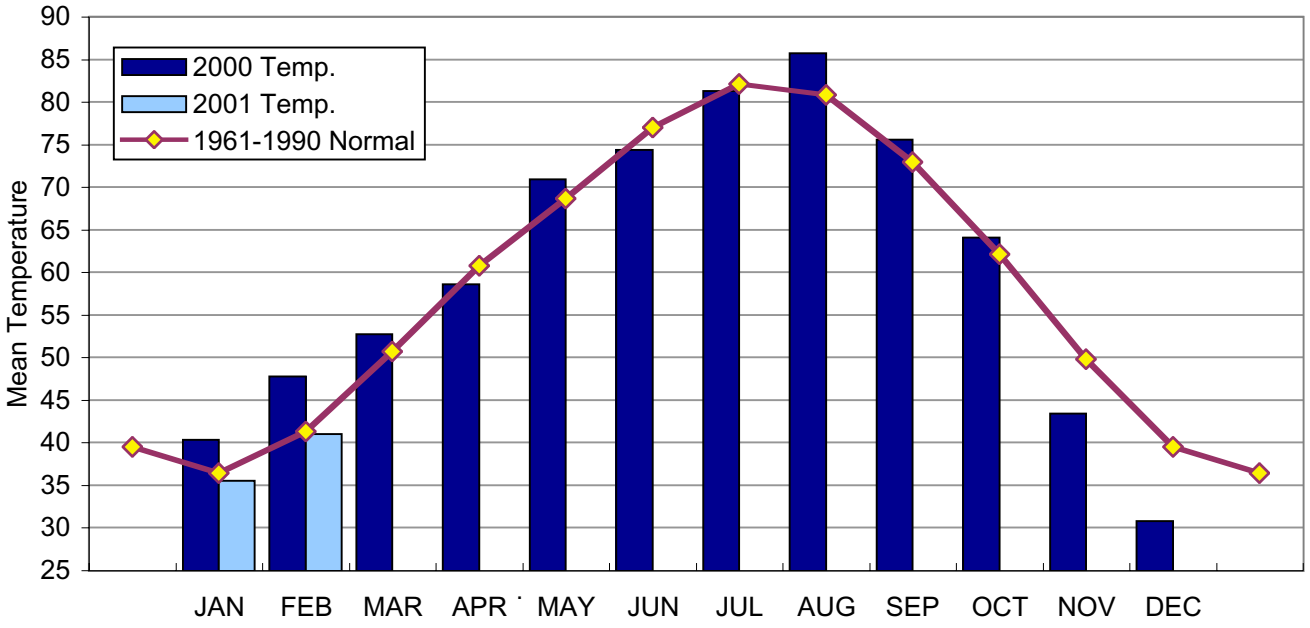
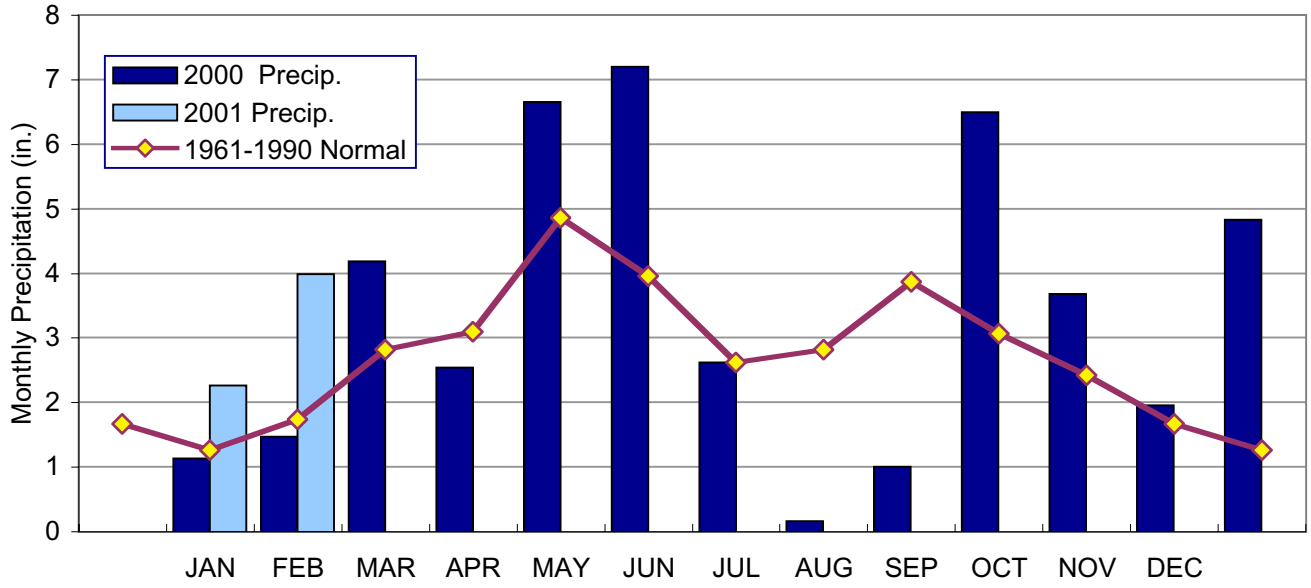
2000 AND 2001 STATEWIDE TEMPERATURES - MONTHLY AVERAGES



2000 AND 2001 STATEWIDE PRECIPITATION - MONTHLY TOTALS



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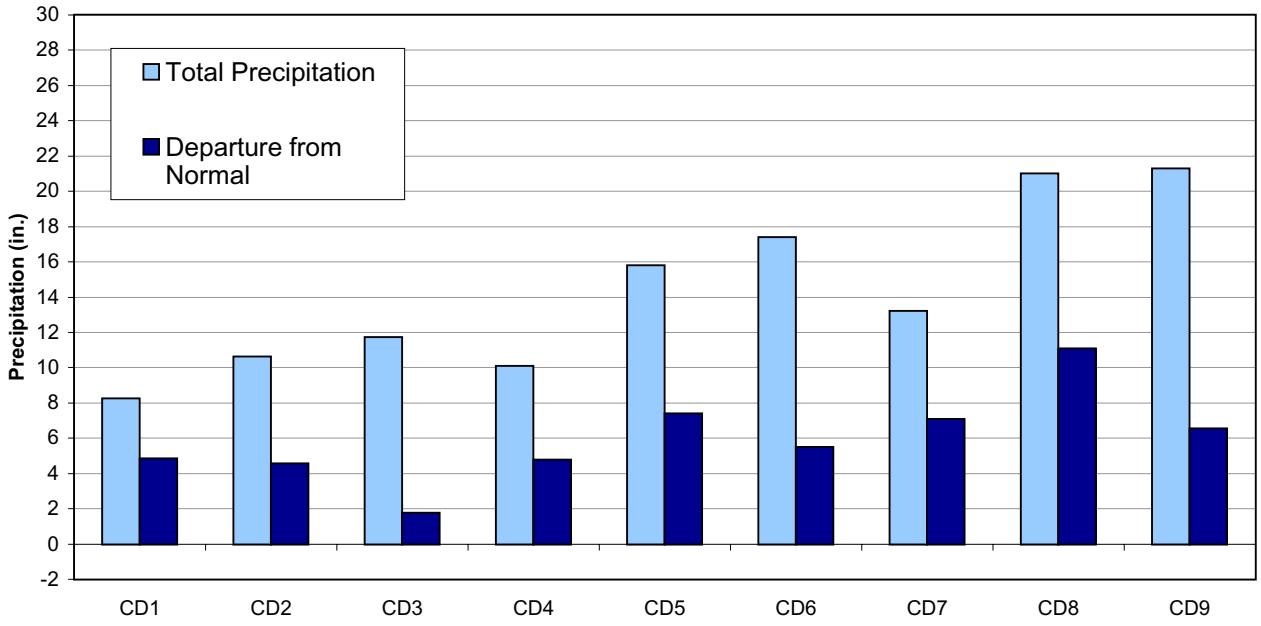
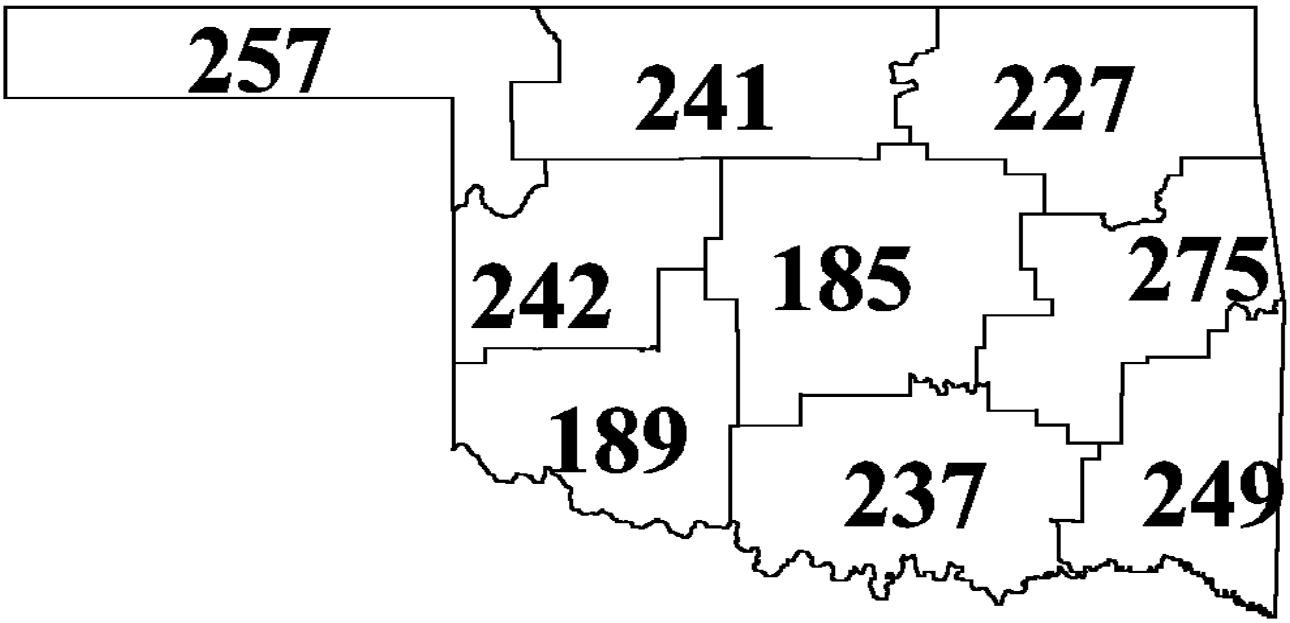
CLIMATE DIVISION AVERAGED PRECIPITATION - OCTOBER 2000 THROUGH FEBRUARY 2001



CLIMATE DIVISION PERCENT OF NORMAL PRECIPITATION - FEBRUARY 2001



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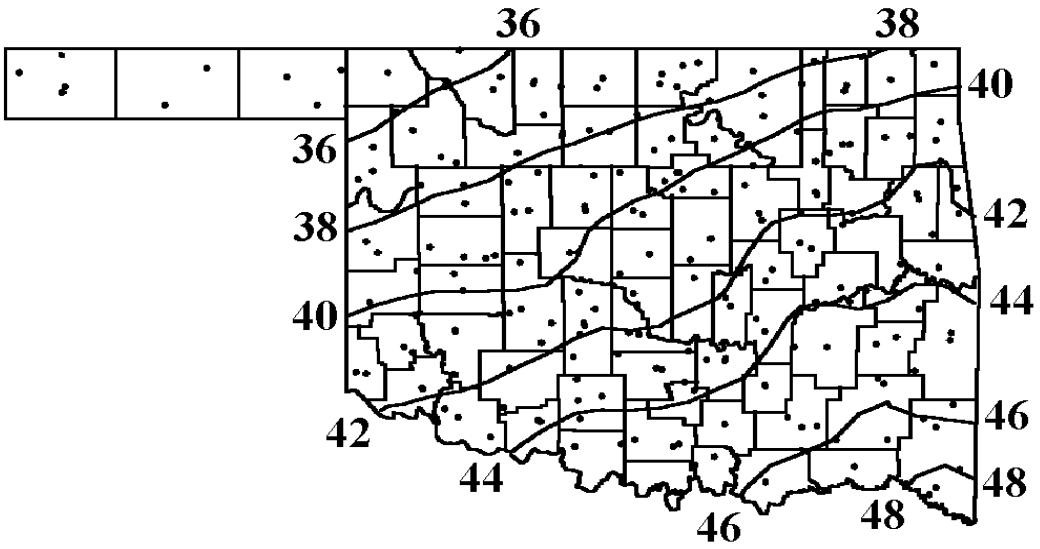
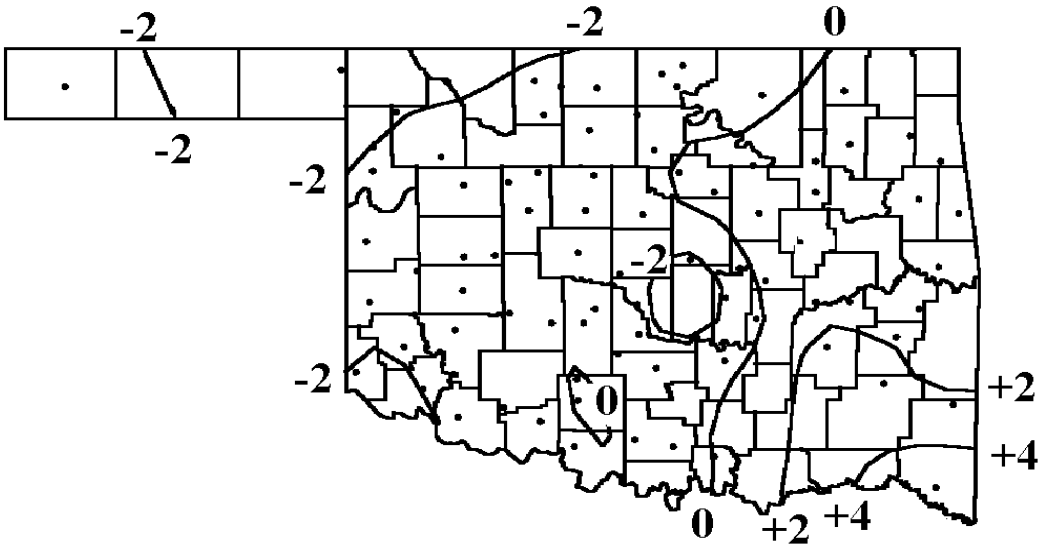
FEBRUARY 2001 AVERAGE MONTHLY TEMPERATURE (ºF)



FEBRUARY 2001 DEPARTURE FROM NORMAL TEMPERATURE (ºF)



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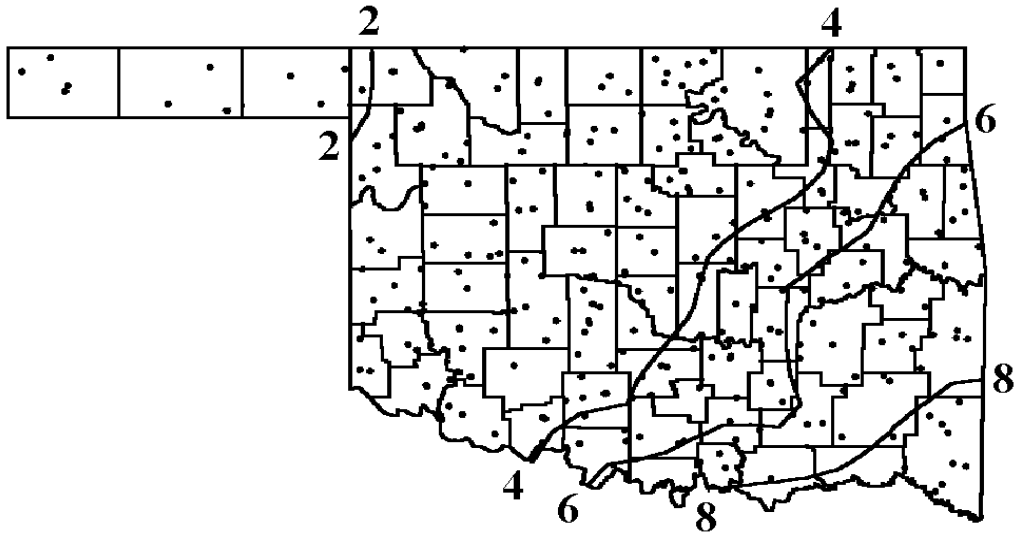
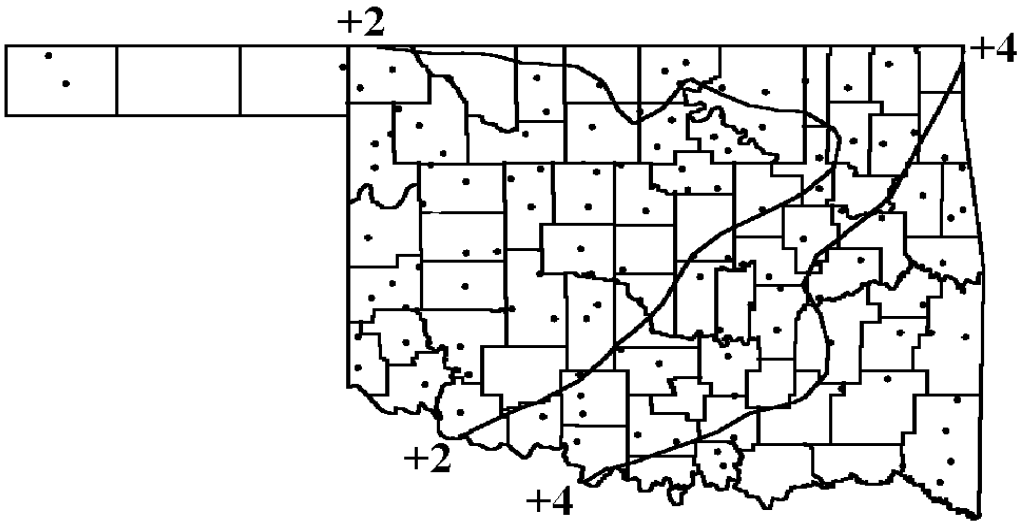
FEBRUARY 2001 TOTAL PRECIPITATION (INCHES)



FEBRUARY 2001 DEPARTURE FROM NORMAL PRECIPITATION (INCHES)



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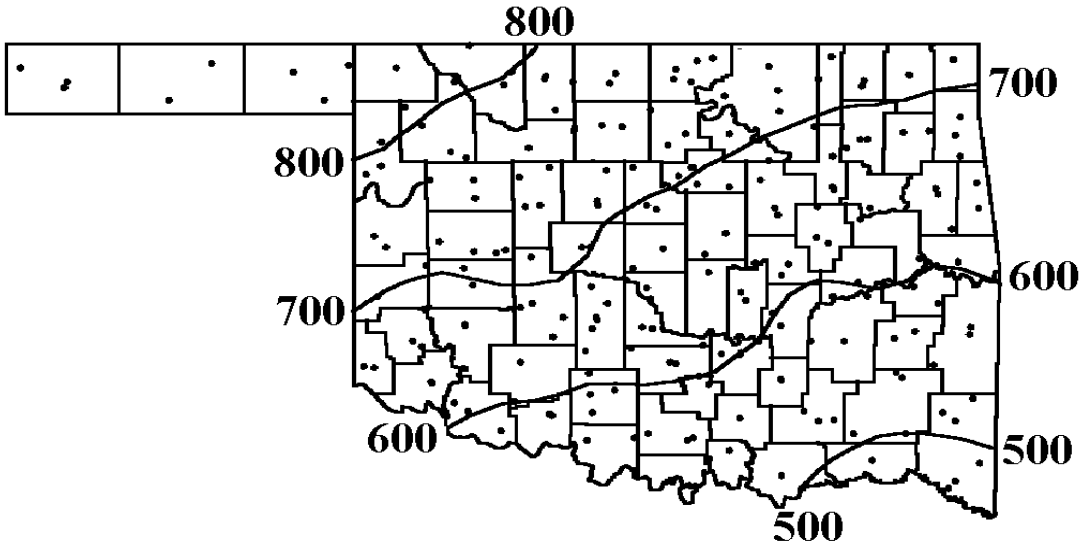
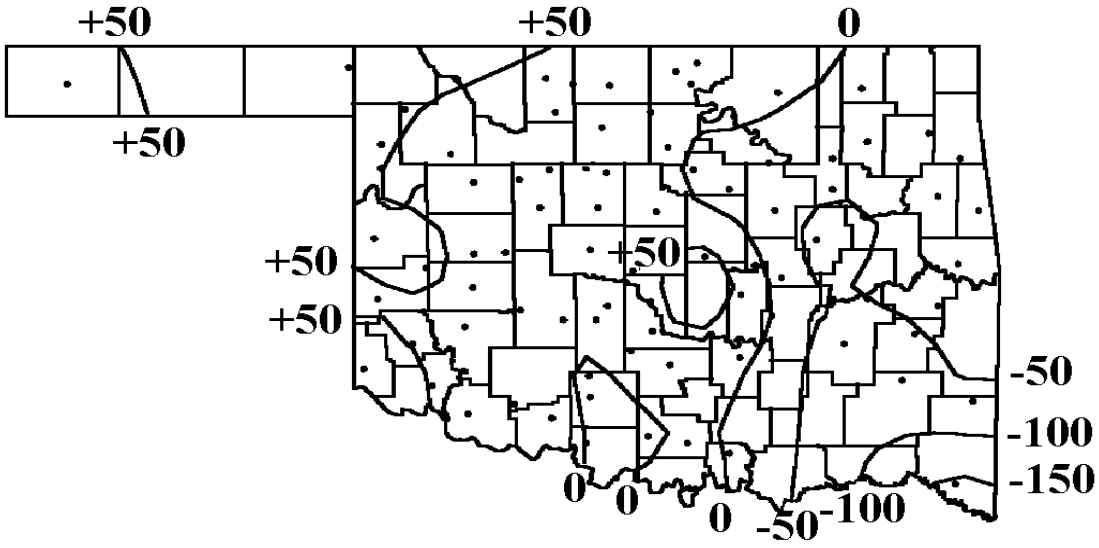
FEBRUARY 2001 ACCUMULATED HEATING DEGREE DAYS (ºF)



FEBRUARY 2001 DEPARTURE FROM NORMAL HEATING DEGREE DAYS (ºF)



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FEBRUARY 2001 SUMMARY FOR PANHANDLE DIVISION (CD1)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ARNETT	332	1	35.5	28	-1.6	72	20	9	10	826	45	0	0	2.171	28	1.16	1.20	9
BOISE CITY	908	1	36.8	28	-1.2	66	19	9	9	789	33	0	0	0.452	28	-0.04	0.20	27
BUFFALO	1243	1	*****	0	*****	****	0	****	0	******	******	******	******	3.550	28	2.51	1.75	8
FARGO	3070	1	*****	0	*****	****	0	****	0	******	******	******	******	2.170	28	1.19	1.26	9
GAGE	3407	1	36.6	28	-2.3	72	20	3	11	795	64	0	0	2.262	28	1.42	0.91	25
GATE	3489	1	33.9	28	-3.5	68	8	7	10	871	98	0	0	1.672	28	0.83	0.82	9
GUYMON	3835	1	36.4	22	*****	68	8	14	28	629	******	0	******	0.000	22	*****	0.00	28
KENTON	4766	1	37.0	25	*****	69	19	8	8	700	******	0	******	0.890	26	*****	0.62	8
LAVERNE	5045	1	*****	0	*****	****	0	****	0	******	******	******	******	1.752	28	0.78	0.85	9
RANGE	7412	1	*****	0	*****	****	0	****	0	******	******	******	******	3.002	28	*****	2.00	28
REGNIER	7534	1	*****	0	*****	****	0	****	0	******	******	******	******	0.474	28	0.15	0.23	8
TURPIN	9017	1	33.9	21	*****	68	8	13	17	654	******	0	******	0.600	22	*****	0.45	28

FEBRUARY 2001 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ALVA	193	2	35.7	28	*****	68	8	7	10	821	******	0	******	3.000	28	*****	1.61	9
VANCE AFB	302	2	*****	0	*****	****	0	****	0	******	******	******	******	1.315	28	*****	0.88	24
BILLINGS	755	2	37.4	27	-0.4	66	20	14	10	745	-17	0	0	4.242	28	2.85	3.15	24
BLACKWELL 2E	818	2	37.3	28	-0.9	65	20	13	10	775	25	0	0	3.542	28	2.47	1.97	24
BRAMAN	1075	2	*****	0	*****	****	0	****	0	******	******	******	******	2.932	28	*****	1.79	17
CEDARDALE	1620	2	*****	0	*****	****	0	****	0	******	******	******	******	2.695	28	*****	1.61	9
CHEROKEE	1724	2	37.9	28	-1.8	65	10	14	11	759	51	0	0	3.250	28	2.10	1.60	9
ENID	2912	2	37.7	28	-2.4	66	20	14	10	765	68	0	0	2.815	28	1.41	1.39	24
FT SUPPLY	3304	2	35.3	28	-1.8	68	19	2	9	832	51	0	0	2.401	28	1.44	1.21	23
FREEDOM	3358	2	36.3	27	-3.0	69	6	5	10	776	56	0	0	2.562	28	1.68	1.17	24
GREAT SALT P	3740	2	36.6	27	-0.9	65	20	10	10	766	-4	0	0	3.330	27	*****	2.00	23
HARDY	3909	2	*****	0	*****	****	0	****	0	******	******	******	******	2.511	28	*****	2.14	24
HELENA	4019	2	36.9	28	0.2	65	20	15	11	788	-4	0	0	2.814	28	1.66	1.35	9
JEFFERSON	4573	2	37.3	28	-1.9	66	20	15	11	777	55	0	0	2.771	28	1.60	1.75	24
LAHOMA	4950	2	39.1	28	*****	67	20	16	10	725	******	0	******	2.580	28	*****	1.38	24
LAMONT	5013	2	*****	0	*****	****	0	****	0	******	******	******	******	3.212	28	*****	2.00	24
MEDFORD	5768	2	*****	0	*****	****	0	****	0	******	******	******	******	3.682	28	*****	1.84	24
MORRISON	6065	2	*****	0	*****	****	0	****	0	******	******	******	******	3.472	28	*****	1.93	24
MUTUAL	6139	2	37.0	28	-0.4	68	20	11	10	785	12	0	0	2.541	28	1.47	1.30	9
NEWKIRK	6278	2	36.0	28	-2.5	64	20	12	11	811	69	0	0	3.301	28	2.13	2.12	24
ORIENTA	6751	2	*****	0	*****	****	0	****	0	******	******	******	******	2.391	28	1.36	1.25	24
PERRY	7012	2	39.6	28	-1.2	68	20	15	10	711	33	0	0	2.975	28	1.41	2.05	24
PONCA CITY	7201	2	37.9	28	0.3	66	20	13	11	758	-9	0	0	1.513	28	0.18	0.69	25
RED ROCK	7505	2	*****	0	*****	****	0	****	0	******	******	******	******	4.250	28	2.87	3.30	23
WOODWARD	9760	2	*****	0	*****	****	0	****	0	******	******	******	******	0.875	28	-0.15	0.58	24

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FEBRUARY 2001 SUMMARY FOR NORTHEAST DIVISION (CD3)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
BARTLESVILLE	548	3	39.4	28	-0.6	68	8	12	2	718	18	0	0	3.971	28	2.39	1.96	24
BIXBY	782	3	40.2	28	1.3	73	8	17	2	695	-37	0	0	4.102	28	2.27	2.50	23
BURBANK	1256	3	*****	0	*****	****	0	****	0	******	******	******	******	3.761	28	2.36	1.75	23
CHELSEA	1717	3	*****	0	*****	****	0	****	0	******	******	******	******	4.020	28	*****	2.14	24
CLAREMORE	1828	3	39.9	28	1.7	72	9	15	3	702	-49	0	0	4.002	28	2.00	2.47	24
HOLLOW	4258	3	*****	0	*****	****	0	****	0	******	******	******	******	4.711	28	2.93	2.37	24
HOMINY	4289	3	*****	0	*****	****	0	****	0	******	******	******	******	3.091	28	1.43	1.58	24
KANSAS	4672	3	42.3	28	1.3	68	8	12	2	637	-35	0	0	7.124	28	4.78	2.75	24
LENAPAH	5118	3	*****	0	*****	****	0	****	0	******	******	******	******	5.240	28	*****	1.93	24
MANNFORD	5522	3	41.5	27	0.6	68	8	13	10	635	-40	0	0	4.133	27	*****	2.26	24
MARAMEC	5540	3	*****	0	*****	****	0	****	0	******	******	******	******	2.632	28	1.07	1.34	24
NOWATA	6485	3	40.9	28	1.4	75	21	12	2	674	-41	0	0	4.800	28	2.93	2.25	9
PAWHUSKA	6935	3	39.7	28	0.2	68	8	12	10	709	-6	0	0	4.890	28	3.09	2.20	24
PAWNEE	6940	3	*****	0	*****	****	0	****	0	******	******	******	******	2.030	28	0.34	1.35	24
PRYOR	7309	3	39.8	26	*****	71	9	15	3	656	******	0	******	5.133	28	3.09	3.03	24
RALSTON	7390	3	38.6	28	-1.4	70	8	13	10	740	40	0	0	3.212	28	1.58	1.93	24
SPAVINAW	8380	3	42.9	28	1.6	69	8	14	2	620	-44	0	0	5.590	28	3.65	3.15	24
TULSA	8992	3	41.3	28	1.0	72	8	15	2	665	-28	2	2	2.623	28	0.65	1.47	23
UPPER SPAV	9101	3	43.7	28	*****	70	8	16	2	601	******	3	******	6.092	28	*****	3.65	24
VINITA	9203	3	41.2	25	*****	69	8	10	2	596	******	1	******	4.223	26	*****	2.32	24
WANN	9298	3	*****	0	*****	****	0	****	0	******	******	******	******	3.251	28	*****	1.87	24
WYNONA	9792	3	*****	0	*****	****	0	****	0	******	******	******	******	2.664	28	*****	1.30	24

FEBRUARY 2001 SUMMARY FOR WEST CENTRAL DIVISION (CD4)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
CANTON DAM	1445	4	37.9	28	-0.5	67	27	14	11	760	15	0	0	3.123	28	2.07	1.58	24
CLINTON	1909	4	40.0	28	-1.5	66	27	18	16	700	42	0	0	2.853	28	1.66	1.39	24
COLONY	2039	4	*****	0	*****	****	0	****	0	******	******	******	******	2.282	28	*****	1.44	24
CORDELL	2125	4	39.1	28	-2.3	67	27	19	18	726	65	0	0	2.802	28	1.60	1.57	24
ELK CITY	2849	4	38.7	28	-2.4	67	20	15	10	737	68	0	0	3.290	28	2.09	1.71	24
ERICK	2944	4	40.1	28	-1.4	74	20	16	11	698	40	0	0	1.752	28	0.78	1.54	24
GEARY	3497	4	38.6	25	*****	67	26	16	9	660	******	0	******	2.800	27	*****	1.80	23
HAMMON	3871	4	37.9	25	*****	69	20	15	17	679	******	0	******	2.652	26	*****	1.42	24
LEEDEY	5090	4	*****	0	*****	****	0	****	0	******	******	******	******	3.840	28	2.82	1.45	24
MACKIE	5463	4	*****	0	*****	****	0	****	0	******	******	******	******	2.320	28	*****	1.91	24
MORAVIA	6035	4	*****	0	*****	****	0	****	0	******	******	******	******	2.534	28	1.37	1.16	24
OKEENE	6629	4	38.9	28	-2.3	68	19	15	10	730	64	0	0	3.022	28	1.81	1.48	23
RETROP	7565	4	*****	0	*****	****	0	****	0	******	******	******	******	2.121	28	*****	0.95	24
REYDON	7579	4	38.3	28	-1.9	71	20	12	11	748	54	0	0	1.422	28	0.44	0.87	9
SAYRE	7952	4	*****	0	*****	****	0	****	0	******	******	******	******	2.942	28	2.12	1.83	24
SWEETWATER	8652	4	*****	0	*****	****	0	****	0	******	******	******	******	1.901	28	*****	1.25	24
TALOGA	8708	4	37.4	28	-2.4	70	20	15	17	773	67	0	0	3.416	28	2.33	1.90	24
THOMAS	8815	4	*****	0	*****	****	0	****	0	******	******	******	******	4.260	28	*****	2.16	24
VICI	9172	4	*****	0	*****	****	0	****	0	******	******	******	******	1.643	28	0.44	0.84	9
WATONGA	9364	4	39.6	28	-0.7	68	20	16	10	712	20	0	0	2.835	28	1.58	1.35	24
WEATHERFORD	9422	4	40.1	28	1.2	67	27	16	10	697	-34	0	0	2.730	28	1.59	1.54	24

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FEBRUARY 2001 SUMMARY FOR CENTRAL DIVISION (CD5)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
AMBER	200	5	*****	0	*****	****	0	****	0	******	******	******	******	1.243	28	*****	0.45	9
BLANCHARD	830	5	43.2	28	0.2	69	8	18	10	611	-6	0	0	2.740	28	0.99	0.74	15
BRISTOW	1144	5	42.6	28	0.6	69	8	17	17	629	-16	1	1	3.840	28	1.91	2.10	24
CHANDLER	1684	5	40.3	22	*****	70	26	16	11	543	******	0	******	2.950	26	*****	2.30	24
CHICKASHA EXP	1750	5	43.8	28	1.2	69	8	19	10	593	-34	0	0	3.080	28	1.49	0.97	24
COX CITY	2196	5	*****	0	*****	****	0	****	0	******	******	******	******	4.040	28	*****	1.32	15
CRESCENT	2242	5	*****	0	*****	****	0	****	0	******	******	******	******	2.170	28	*****	0.96	24
CUSHING	2318	5	41.1	28	2.0	68	27	15	17	669	-56	0	0	2.322	28	0.53	1.20	24
EDMOND	2788	5	*****	0	*****	****	0	****	0	******	******	******	******	2.200	28	*****	0.85	23
EL RENO	2818	5	40.4	28	-0.4	69	9	19	17	690	12	0	0	2.190	28	0.89	1.20	24
GUTHRIE	3821	5	40.7	28	-1.0	71	27	15	10	681	29	0	0	2.382	28	0.72	0.93	24
HENNESSEY	4055	5	37.8	28	-2.4	65	8	15	9	763	69	0	0	4.030	28	2.80	1.90	23
INGALLS	4489	5	*****	0	*****	****	0	****	0	******	******	******	******	2.400	27	*****	1.51	24
KINGFISHER	4861	5	40.2	28	-0.9	70	9	10	11	695	26	0	0	2.901	28	1.51	1.49	24
KONAWA	4915	5	*****	0	*****	****	0	****	0	******	******	******	******	4.900	28	2.82	2.85	15
MARSHALL	5589	5	*****	0	*****	****	0	****	0	******	******	******	******	2.980	28	1.71	1.84	24
MEEKER	5779	5	38.1	28	-3.8	67	9	15	11	753	106	0	0	4.360	28	2.33	1.22	24
MULHALL	6110	5	*****	0	*****	****	0	****	0	******	******	******	******	2.270	28	*****	1.22	24
NORMAN NWS	6386	5	40.6	28	-2.2	67	26	18	17	683	61	0	0	3.424	28	1.70	1.38	23
OKEMAH	6638	5	44.3	28	1.8	70	8	20	17	581	-50	1	1	5.540	28	3.63	2.40	24
OKLAHOMA CTY	6659	5	*****	0	*****	****	0	****	0	******	******	******	******	2.469	28	*****	1.06	24
OKLAHOMA CTY	6661	5	40.7	28	-0.2	68	8	18	10	680	5	0	0	2.258	28	0.70	1.09	23
PERKINS	7003	5	*****	0	*****	****	0	****	0	******	******	******	******	2.150	28	0.48	1.22	24
PIEDMONT	7068	5	*****	0	*****	****	0	****	0	******	******	******	******	2.180	28	*****	0.84	24
PRAGUE	7264	5	*****	0	*****	****	0	****	0	******	******	******	******	5.060	28	3.12	1.99	15
PURCELL	7327	5	41.0	27	-1.7	67	9	18	18	649	25	0	0	3.323	27	*****	1.35	24
SEMINOLE	8042	5	40.8	27	-3.3	69	25	18	18	655	70	0	0	5.491	27	*****	2.50	24
SHAWNEE	8110	5	*****	0	*****	****	0	****	0	******	******	******	******	4.221	28	2.21	1.20	15
STELLA	8479	5	*****	0	*****	****	0	****	0	******	******	******	******	1.900	28	*****	1.10	23
STILLWATER	8501	5	40.1	28	1.5	69	9	17	3	698	-41	0	0	2.164	28	0.63	1.03	24
STROUD	8563	5	*****	0	*****	****	0	****	0	******	******	******	******	3.712	28	*****	1.81	24
TECUMSEH	8751	5	*****	0	*****	****	0	****	0	******	******	******	******	0.430	28	*****	0.43	13
UNION CITY	9086	5	*****	0	*****	****	0	****	0	******	******	******	******	2.393	28	0.81	0.72	9
WANETTE	9291	5	41.1	27	*****	70	21	19	18	647	******	0	******	4.410	27	*****	1.40	15
WELTY	9479	5	*****	0	*****	****	0	****	0	******	******	******	******	5.532	28	*****	2.02	24
WEWOKA	9575	5	*****	0	*****	****	0	****	0	******	******	******	******	5.590	28	3.40	2.14	15

FEBRUARY 2001 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ASHLAND	364	6	*****	0	*****	****	0	****	0	******	******	******	******	7.502	28	*****	1.90	24
BEGGS	631	6	*****	0	*****	****	0	****	0	******	******	******	******	5.270	28	*****	3.05	24
CALVIN	1391	6	*****	0	*****	****	0	****	0	******	******	******	******	3.565	28	1.44	1.50	10
CHECOTAH	1711	6	*****	0	*****	****	0	****	0	******	******	******	******	8.532	28	6.34	3.41	24
CLAYTON	1858	6	*****	0	*****	****	0	****	0	******	******	******	******	7.670	28	*****	2.00	16
DEWAR	2485	6	*****	0	*****	****	0	****	0	******	******	******	******	6.501	28	4.27	3.00	24
DUSTIN	2690	6	*****	0	*****	****	0	****	0	******	******	******	******	6.313	28	*****	2.26	23
EUFAULA	2993	6	43.9	27	0.3	67	8	21	17	570	-29	0	0	5.650	27	*****	2.10	24
HANNA	3884	6	44.7	28	1.6	69	20	21	17	570	-43	1	1	5.992	28	3.61	2.61	24
HASKELL	3956	6	*****	0	*****	****	0	****	0	******	******	******	******	5.140	28	2.97	2.97	28
HOLDENVILLE	4235	6	42.2	27	-1.3	70	25	16	16	616	8	0	-6	4.863	27	*****	1.45	14
LAKE EUFAULA	4975	6	41.5	28	*****	69	9	18	17	658	******	0	******	6.263	28	*****	2.44	24
LYONS	5437	6	*****	0	*****	****	0	****	0	******	******	******	******	6.000	28	4.08	2.40	24
MARBLE CITY	5546	6	*****	0	*****	****	0	****	0	******	******	******	******	6.450	28	*****	2.17	24
MCALESTER	5664	6	46.3	28	3.8	72	20	21	2	526	-104	2	2	7.290	28	4.65	2.28	23
MCCURTAIN	5693	6	46.2	28	2.2	73	8	20	18	529	-59	4	4	7.193	28	4.25	2.10	15
MUSKOGEE	6130	6	41.6	25	*****	72	8	17	2	587	******	2	******	6.441	28	4.13	2.77	23
OKMULGEE	6670	6	43.9	28	3.8	71	8	21	17	593	-104	3	3	4.771	28	2.62	2.34	24
OKTAHA	6678	6	*****	0	*****	****	0	****	0	******	******	******	******	4.231	28	*****	1.61	16
SALLISAW	7862	6	42.6	28	-0.5	69	9	20	3	627	14	0	0	7.100	28	4.38	2.08	24
SCIPIO	7979	6	*****	0	*****	****	0	****	0	******	******	******	******	6.820	28	*****	2.20	24
SHORT	8170	6	*****	0	*****	****	0	****	0	******	******	******	******	6.940	28	*****	2.00	15
STILWELL	8506	6	41.4	28	0.2	67	8	12	2	660	-7	0	0	7.230	28	4.57	2.31	24
TAHLEQUAH	8677	6	42.9	28	1.6	69	8	13	2	619	-45	0	0	7.640	28	5.23	2.10	24
WEBBERS FALL	9445	6	43.1	21	*****	71	9	21	18	461	******	0	******	8.080	21	*****	2.87	24
WETUMKA	9571	6	*****	0	*****	****	0	****	0	******	******	******	******	7.072	28	4.93	2.07	16

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FEBRUARY 2001 SUMMARY FOR SOUTHWEST DIVISION (CD7)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ALTUS	179	7	41.0	28	-3.3	71	19	21	10	672	92	0	0	2.070	28	0.97	0.79	24
ALTUS DAM	184	7	42.6	28	1.1	69	20	21	11	626	-32	0	0	2.880	28	1.69	1.86	24
ANADARKO	224	7	39.7	28	-2.3	69	9	19	18	710	66	0	0	2.522	28	1.11	0.86	24
APACHE	260	7	*****	0	*****	****	0	****	0	******	******	******	******	0.000	28	-1.44	0.00	28
ALTUS AFB	447	7	*****	0	*****	****	0	****	0	******	******	******	******	0.173	27	*****	0.05	15
CARNEGIE	1504	7	41.1	28	-0.9	66	19	18	10	671	27	0	0	2.243	28	0.89	0.94	24
CHATTANOOGA	1706	7	42.0	27	-1.8	70	8	22	11	621	27	0	0	1.870	27	*****	0.58	15
DUNCAN 11 W	2668	7	*****	0	*****	****	0	****	0	******	******	******	******	3.722	28	*****	1.22	15
FREDERICK	3353	7	41.7	27	-0.9	69	7	17	9	628	1	0	0	2.880	28	1.59	0.94	8
HEADRICK	3998	7	*****	0	*****	****	0	****	0	******	******	******	******	1.500	28	*****	0.60	9
HOBART	4204	7	41.1	28	-0.8	65	20	20	18	668	21	0	0	1.305	28	0.25	1.06	25
HOLLIS	4249	7	41.7	28	-1.9	77	19	17	10	654	55	0	0	2.380	28	1.37	1.38	24
LOOKEBA	5329	7	*****	0	*****	****	0	****	0	******	******	******	******	2.730	28	1.42	1.67	24
MANGUM	5509	7	40.8	28	-2.7	71	20	19	11	677	75	0	0	2.182	28	1.06	1.34	24
RANDLETT	7403	7	*****	0	*****	****	0	****	0	******	******	******	******	3.462	28	*****	0.86	15
ROOSEVELT	7727	7	*****	0	*****	****	0	****	0	******	******	******	******	2.140	28	1.00	0.77	9
SEDAN	8016	7	*****	0	*****	****	0	****	0	******	******	******	******	1.850	28	*****	0.86	9
SNYDER	8299	7	*****	0	*****	****	0	****	0	******	******	******	******	1.921	28	0.69	0.70	23
VINSON	9212	7	*****	0	*****	****	0	****	0	******	******	******	******	2.321	28	1.45	1.27	24
WALTERS	9278	7	43.5	28	-1.2	71	9	22	10	603	35	0	0	4.280	28	2.48	0.95	15
WICHITA MT	9629	7	41.4	26	*****	67	27	18	10	614	******	0	******	3.211	27	*****	2.41	24
WILLOW	9668	7	*****	0	*****	****	0	****	0	******	******	******	******	2.890	28	*****	0.91	23

FEBRUARY 2001 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ADA	17	8	43.4	28	-0.3	72	20	19	18	605	9	0	0	3.740	28	1.59	0.91	24
ALLEN	147	8	*****	0	*****	****	0	****	0	******	******	******	******	4.250	28	*****	2.25	24
ARDMORE	292	8	45.9	28	-0.6	75	20	22	16	536	12	0	-6	5.800	28	3.78	2.52	15
ATOKA	391	8	44.6	28	*****	75	21	20	1	573	******	0	******	6.420	28	*****	1.90	16
BOKCHITO	917	8	*****	0	*****	****	0	****	0	******	******	******	******	0.770	28	*****	0.25	17
CENTRAHOMA	1648	8	43.7	28	*****	73	21	21	18	596	******	0	******	6.800	28	*****	2.50	24
CHICKASAW	1745	8	43.4	24	*****	74	20	20	17	519	******	0	******	5.680	25	*****	2.05	16
COLEMAN	2011	8	*****	0	*****	****	0	****	0	******	******	******	******	5.350	28	*****	1.85	16
COMANCHE	2054	8	43.9	27	*****	69	7	21	18	570	******	0	******	3.730	28	1.99	1.17	15
DAISY	2354	8	*****	0	*****	****	0	****	0	******	******	******	******	7.196	28	4.08	2.19	16
DUNCAN	2660	8	43.0	28	0.3	69	8	21	17	616	-9	0	0	2.890	28	1.19	0.80	15
DURANT	2678	8	45.8	24	*****	75	20	18	10	462	******	0	******	7.190	27	*****	2.32	15
ELMORE CITY	2872	8	*****	0	*****	****	0	****	0	******	******	******	******	4.840	28	*****	1.78	15
GRADY	3688	8	*****	0	*****	****	0	****	0	******	******	******	******	7.120	28	*****	2.50	16
HEALDTON	4001	8	44.6	27	0.2	72	21	21	17	550	-28	0	0	4.526	28	2.70	2.00	16
HENNEPIN	4052	8	*****	0	*****	****	0	****	0	******	******	******	******	3.010	28	*****	0.92	15
KETCHUM RAN	4780	8	*****	0	*****	****	0	****	0	******	******	******	******	3.960	28	*****	1.35	15
KINGSTON	4865	8	*****	0	*****	****	0	****	0	******	******	******	******	7.821	28	5.19	2.00	15
LEHIGH	5108	8	*****	0	*****	****	0	****	0	******	******	******	******	1.974	28	*****	0.60	24
LINDSAY	5216	8	41.8	28	-1.5	70	8	21	18	649	41	0	0	3.630	28	1.85	0.97	15
LOCO	5247	8	*****	0	*****	****	0	****	0	******	******	******	******	4.040	28	*****	2.04	16
MADILL	5468	8	45.3	28	-0.1	74	21	23	18	551	2	0	0	5.860	28	3.31	2.02	16
MARIETTA	5563	8	44.2	28	-1.4	73	21	21	2	583	40	0	0	8.100	28	5.94	2.33	24
MARLOW	5581	8	45.2	28	1.7	69	8	20	17	554	-48	0	0	4.050	28	2.46	1.73	15
MCGEE CREEK	5713	8	45.3	28	*****	73	21	23	1	551	******	0	******	6.940	28	*****	2.90	16
PAULS VALLEY	6926	8	42.1	28	-1.8	71	8	19	17	640	49	0	0	5.071	28	3.22	2.10	15
PONTOTOC	7214	8	*****	0	*****	****	0	****	0	******	******	******	******	6.571	28	4.44	2.37	23
TISHOMINGO	8884	8	*****	0	*****	****	0	****	0	******	******	******	******	6.480	28	4.12	2.35	15
TUSSY	9032	8	*****	0	*****	****	0	****	0	******	******	******	******	3.800	28	*****	1.80	14
WAURIKA	9395	8	45.8	28	0.4	71	20	24	17	539	-11	0	0	5.272	28	3.65	2.07	14

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FEBRUARY 2001 SUMMARY FOR SOUTHEAST DIVISION (CD9)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
BATTIEST	567	9	44.3	27	*****	69	25	17	2	560	******	0	******	7.312	28	*****	3.26	16
BENGAL	670	9	*****	0	*****	****	0	****	0	******	******	******	******	7.360	28	*****	2.62	16
BROKEN BOW	1162	9	*****	0	*****	****	0	****	0	******	******	******	******	9.590	28	6.09	3.81	16
CARNASAW	1499	9	*****	0	*****	****	0	****	0	******	******	******	******	9.161	28	5.62	3.69	16
CARTER TWR	1544	9	*****	0	*****	****	0	****	0	******	******	******	******	8.640	28	5.07	3.45	16
FANSHAWE	3065	9	*****	0	*****	****	0	****	0	******	******	******	******	7.880	28	4.74	1.54	15
HEAVENER	4008	9	*****	0	*****	****	0	****	0	******	******	******	******	7.030	28	4.09	2.76	15
IDABEL	4451	9	51.2	28	6.8	76	26	28	11	388	-190	0	0	9.081	28	5.55	3.27	17
PAGE	6842	9	44.0	26	*****	68	27	18	2	547	******	0	******	7.401	26	*****	3.31	16
SMITHVILLE	8285	9	44.4	28	1.5	67	28	15	1	578	-42	0	0	8.440	28	4.80	3.27	16
SPIRO	8416	9	*****	0	*****	****	0	****	0	******	******	******	******	7.790	28	4.91	1.93	16
TUSKAHOMA	9023	9	47.0	28	2.1	71	26	18	2	505	-59	0	0	7.612	28	4.67	2.85	16
VALLIANT	9118	9	*****	0	*****	****	0	****	0	******	******	******	******	8.830	28	5.36	3.30	16
WILBURTON	9634	9	45.2	28	2.0	70	20	19	1	556	-54	1	1	7.680	28	4.65	2.15	15
WISTER	9724	9	45.7	28	*****	71	25	20	3	541	******	0	******	7.220	28	*****	2.55	16

FEBRUARY 2001 CLIMATE DIVISION SUMMARY

NAME	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
CLIMATE DIVISION 1	1	35.7	4	-2.2	72	20	3	11	820	61	0	0	1.950	9	1.19	2.00	28
CLIMATE DIVISION 2	2	37.2	15	-1.4	69	6	2	9	773	33	0	0	2.820	24	1.65	3.30	23
CLIMATE DIVISION 3	3	40.9	11	1.2	75	21	10	2	672	-37	0	0	4.150	20	2.32	3.65	24
CLIMATE DIVISION 4	4	39.0	10	-1.4	74	20	12	11	728	38	0	0	2.690	19	1.58	2.16	24
CLIMATE DIVISION 5	5	41.0	16	-0.7	71	27	10	11	667	16	0	0	3.120	31	1.38	2.85	15
CLIMATE DIVISION 6	6	43.6	10	1.3	73	8	12	2	597	-41	1	0	6.430	23	4.09	3.41	24
CLIMATE DIVISION 7	7	41.5	10	-1.3	77	19	17	10	653	32	0	0	2.380	19	1.12	2.41	24
CLIMATE DIVISION 8	8	44.2	14	0.0	75	20	18	10	579	-3	0	-1	5.000	28	2.89	2.90	16
CLIMATE DIVISION 9	9	46.3	6	2.4	76	26	15	1	521	-71	0	0	8.120	14	4.83	3.81	16

Note: The above climate division summary contains similar information to the preceding tables but are the averages or extremes over all of the stations reporting in each climate division.

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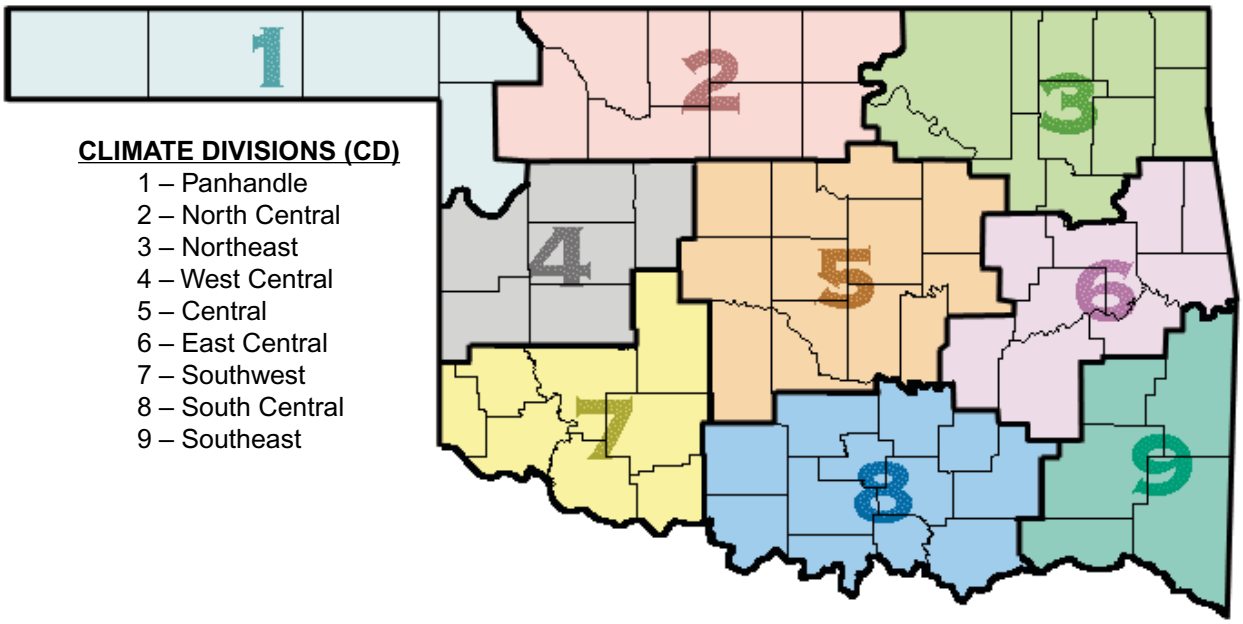
CLIMATE DIVISION MAP



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

The tables appearing on the preceding pages contain the following information for each station or climate division:

Station Name: The name of the observing site.

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

Climate Division: See the figure above.

Number of Temperature Observations: These numbers 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 Temperature: The maximum daily maximum temperature observed during the current month and year and the day on which it occurred.

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

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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. HDD 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. See the equation to the right for the HDD calculation.

Heating Degree Days Calculation

NumDays

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

Where NumDays = the number of days in the month of interest (e.g., NumDays = 31 for January)

Deviation from Normal Heating Degree Days: The difference between the actual HDD and the normal HDD for the month. 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. CDD 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. See the equation to the right for the CDD calculation.

Cooling Degree Days Calculation

NumDays

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

Where NumDays = the number of days in the month of interest (e.g., NumDays = 30 for June)

Deviation from Normal Cooling Degree Days: The difference between the actual HDD and the normal HDD for the month. 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: The difference between the actual rainfall and the normal rainfall for the month. 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.

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MESONET MONTHLY SUMMARY FOR FEBRUARY 2001

NAME	MEAN TEMP	MAX TEMP	MAX DAY	MIN TEMP	MIN DAY	HDD	CDD	TOT PPT	MAX 24-HR	MAX DAY
PANHANDLE										
Arnett	36.9	72	19	9	10	787	0	2.30	0.99	24
Beaver	35.3	70	7	3	10	833	0	1.10	0.54	11
Boise City	35.5	66	19	9	9	825	0	0.60	0.22	2
Buffalo	35.3	67	7	3	10	831	0	1.47	0.53	24
Goodwell	34.2	67	7	9	9	862	0	1.04	0.32	10
Hooker	34.1	68	7	6	10	865	0	0.95	0.46	11
Kenton	35.6	69	19	9	9	823	0	0.67	0.24	2
Slapout	35.2	71	7	6	10	834	0	1.32	0.63	11
NORTH CENTRAL										
Alva	36.7	68	7	10	10	793	0	2.71	0.81	23
Blackwell	37.4	65	7	14	10	772	0	3.14	1.54	23
Breckenridge	38.1	64	8	16	10	754	0	3.36	1.84	23
Cherokee	37.4	66	5	14	10	773	0	3.34	1.35	8
Fairview	37.9	67	19	13	10	758	0	2.85	0.91	23
Freedom	36.1	67	7	6	10	809	0	2.40	0.67	23
Lahoma	37.6	66	19	16	10	766	0	2.28	0.90	23
May Ranch	34.8	66	5	6	10	844	0	2.74	0.95	23
Medford	37.1	64	19	16	10	782	0	*****	*****	**
Newkirk	36.4	65	8	10	10	802	0	3.53	1.66	23
Red Rock	38.7	67	8	12	10	735	0	4.50	2.40	23
Seiling	37.4	69	19	10	10	773	0	2.66	1.01	8
Woodward	37.5	71	19	7	10	770	0	2.24	0.78	11
NORTHEAST										
Bixby	41.7	73	8	17	2	653	2	4.44	2.12	23
Burbank	37.7	67	8	10	2	763	0	3.60	1.69	23
Catoosa	40.8	72	8	12	2	678	0	3.93	2.03	23
Claremore	40.8	73	8	13	2	680	1	3.91	1.96	23
Copan	37.5	67	8	11	2	771	0	3.67	1.69	23
Foraker	36.3	68	8	8	2	804	0	4.09	1.70	23
Jay	40.9	69	8	11	2	675	1	4.88	1.92	23
Miami	39.2	69	8	11	2	723	0	4.18	1.39	23
Nowata	38.5	67	8	12	2	741	0	5.33	1.84	8
Pawnee	39.1	69	8	12	10	726	0	2.02	0.96	23
Porter	42.0	73	8	17	2	646	1	5.41	2.27	23
Pryor	40.6	72	8	13	2	685	2	4.44	2.11	23
Skiatook	39.9	69	8	12	2	701	0	4.41	1.42	23
Vinita	38.7	68	8	10	2	737	0	4.58	1.77	23
Wynona	38.9	68	8	12	2	731	0	2.67	1.10	23
WEST CENTRAL										
Bessie	40.5	67	19	18	10	685	0	2.66	0.92	8
Butler	39.6	69	19	16	10	711	0	2.73	0.89	8
Camargo	38.1	70	19	11	10	754	0	2.38	0.84	8
Cheyenne	39.1	70	19	14	10	724	0	2.29	0.73	23
Erick	39.5	72	19	16	10	714	0	2.81	1.20	23
Putnam	38.3	66	19	12	10	749	0	*****	*****	**
Retrop	41.1	67	19	18	10	620	0	2.07	0.88	8
Watonga	38.7	65	19	14	10	736	0	3.47	1.67	23
Weatherford	39.1	65	26	16	10	725	0	2.44	1.18	24
CENTRAL										
Acme	42.3	70	8	20	17	635	0	2.85	1.16	23
Bowlegs	43.1	70	8	18	10	614	2	5.20	2.17	23
Bristow	41.7	70	8	18	2	654	1	3.64	1.69	23
Chandler	41.4	68	8	16	10	661	0	3.43	1.68	23
Chickasha	41.6	70	8	21	10	654	0	2.87	1.47	23
El Reno	38.7	68	8	15	10	735	0	2.58	1.35	23
Guthrie	40.4	69	8	15	10	687	0	2.05	0.97	23
Kingfisher	39.9	69	8	18	10	701	0	3.14	1.20	24
Marena	39.5	69	8	13	10	713	0	2.32	1.09	23
Marshall	39.6	69	8	16	10	712	0	3.01	1.30	24
Minco	40.3	68	8	18	10	692	0	2.61	1.01	23
Ninnekah	41.7	69	8	20	10	653	0	2.85	1.51	23
Norman	41.0	68	7	18	17	673	0	2.77	1.43	23
Oilton	39.7	69	8	13	2	708	0	3.03	1.39	23
Okemah	42.6	70	8	17	2	630	1	5.23	2.08	23
Perkins	40.2	70	8	15	10	694	0	1.88	1.15	23
Shawnee	42.0	68	8	18	10	645	0	4.50	2.03	23
Spencer	40.8	70	26	16	10	677	0	2.10	1.07	23
Stillwater	40.0	70	8	16	10	699	0	2.42	1.28	23
Washington	42.9	68	7	19	17	618	0	2.99	1.16	23
EAST CENTRAL										
Calvin	43.9	70	8	21	17	591	2	6.01	1.51	23
Cookson	42.7	68	9	16	2	623	0	7.58	1.93	23
Eufaula	43.6	69	8	20	17	600	1	7.31	2.72	23
Haskell	42.2	72	8	18	2	640	1	4.97	2.11	23
Hectorville	42.1	72	8	17	2	644	2	4.51	1.99	23
McAlester	44.7	71	20	19	2	569	0	7.80	2.36	23
Okmulgee	42.2	71	8	17	2	641	2	4.90	2.04	23
Sallisaw	44.3	70	8	21	1	581	2	7.04	1.91	23
Stigler	43.8	71	8	20	2	597	3	6.76	1.87	23
Stuart	44.5	71	20	20	17	575	0	7.30	1.89	23
Tahlequah	41.7	68	8	15	2	652	0	6.89	2.56	23
Webbers Falls	43.9	71	8	21	2	592	2	7.40	2.45	23
Westville	41.9	67	8	13	2	647	0	7.06	1.83	23
SOUTHWEST										
Altus	42.1	70	19	22	10	640	0	1.86	0.68	24
Apache	41.2	69	8	19	10	667	0	2.46	0.97	23
Fort Cobb	40.6	67	8	19	10	682	0	1.95	0.65	23
Grandfield	43.7	73	7	21	10	511	0	2.76	1.00	14
Hinton	39.4	67	19	17	10	716	0	2.87	1.39	24
Hobart	40.4	65	8	20	10	688	0	2.55	1.18	24
Hollis	41.6	77	19	16	10	654	0	1.87	1.09	24
Mangum	40.3	70	19	16	10	690	0	2.14	1.26	24
Medicine Park	42.1	67	7	20	10	640	0	2.44	0.99	23
Tipton	42.9	70	7	23	2	620	0	1.54	0.53	8
Walters	43.7	71	8	23	10	595	0	3.95	0.98	14
SOUTH CENTRAL										
Ada	43.4	73	20	19	17	604	0	4.79	1.10	15
Ardmore	45.7	75	20	22	17	543	1	5.93	1.63	15
Burneyville	46.6	75	20	22	1	517	2	6.77	1.58	23
Byars	43.7	71	20	18	17	595	0	4.81	1.50	23
Centrahoma	44.1	72	20	20	1	585	1	6.67	2.01	23
Durant	46.6	73	20	24	2	516	2	8.29	1.51	27
Ketchum Ranch	43.8	70	7	20	17	594	0	3.11	1.31	14
Lane	45.9	72	9	23	1	535	2	6.46	1.37	16
Madill	46.3	73	20	23	1	525	0	7.77	2.00	23
Pauls Valley	44.3	71	7	20	17	580	1	3.43	1.13	14
Ringling	45.4	71	20	23	10	548	0	4.15	1.52	15
Sulphur	44.4	73	20	20	1	579	1	4.60	1.80	15
Tishomingo	45.0	74	20	22	1	562	1	7.23	1.99	23
Vanoss	43.6	73	20	19	17	600	1	3.63	1.03	23
Waurika	45.5	71	7	23	10	547	0	5.75	2.57	14
SOUTHEAST										
Antlers	45.9	72	20	17	1	537	1	7.34	1.73	16
Broken Bow	47.8	74	24	21	10	483	0	9.49	2.37	13
Clayton	45.9	71	20	20	1	536	1	8.18	2.02	15
Cloudy	46.9	71	24	22	1	506	0	8.21	2.19	15
Hugo	46.3	71	8	24	2	433	3	*****	*****	**
Idabel	48.7	76	24	23	1	459	3	9.11	1.98	16
Mt Herman	46.9	68	24	21	10	506	0	8.15	2.19	16
Talihina	46.0	70	9	19	1	532	0	8.45	1.89	15
Wilburton	44.7	70	20	20	1	570	1	6.73	1.38	23
Wister	44.3	70	8	19	1	582	2	7.50	1.95	15

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EXTREME VALUES OF TEMPERATURE AND PRECIPITATION IN EACH CLIMATE DIVISION FEBRUARY 2001

CD	MAX TEMP	DATE	LOCATION	MIN TEMP	DATE	LOCATION	24-HOUR PRECIP	DATE	LOCATION	MONTHLY PRECIP	LOCATION
1	72	20	ARNETT	3	11	GAGE	2.00	28	RANGE	3.55	BUFFALO
	72	20	GAGE								
2	69	6	FREEDOM	2	9	FT SUPPLY	3.30	23	RED ROCK	4.25	RED ROCK
3	75	21	NOWATA	10	2	VINITA	3.65	24	UPPER SPAV	7.12	KANSAS
4	74	20	ERICK	12	10	REYDON	2.16	24	THOMAS	4.26	THOMAS
				12	11	REYDON					
5	71	27	GUTHRIE	10	11	KINGFISHER	2.85	15	KONAWA	5.59	WEWOKA
6	73	8	MCCURTAIN	12	2	STILWELL	3.41	24	CHECOTAH	8.53	CHECOTAH
7	77	19	HOLLIS	17	9	FREDERICK	2.41	24	WICHITA MT	4.28	WALTERS
				17	10	HOLLIS					
8	75	20	ARDMORE	18	9	DURANT	2.90	16	MCGEE CREEK	8.10	MARIETTA
	75	21	ATOKA	18	10	DURANT					
	75	20	DURANT								
9	76	26	IDABEL	15	1	SMITHVILLE	3.81	16	BROKEN BOW	9.59	BROKEN BOW

TABLE OF 2000/2001 COMPARISONS

	FEBRUARY Temperature (°F)		FEBRUARY Precipitation (in.)	
Station	**2000**	**2001**	**2000**	**2001**
Arnett	42.6	35.5	0.87	2.17
Enid	44.6	37.7	1.88	2.82
Tulsa	48.1	41.3	1.34	2.62
Elk City	45.9	38.7	1.47	3.29
Oklahoma City	49.0	40.7	1.47	2.26
McAlester	52.1	46.3	1.14	7.29
Altus Irr Station	48.3	41.0	1.15	2.07
Ardmore	55.1	45.9	1.41	5.80
Idabel	55.5	51.2	4.00	9.08

FEBRUARY 2001 STATEWIDE EXTREMES

VARIABLE	STATION	DIVISION	OBSERVATION	DATE
Minimum temperature (°F)	Ft Supply	2	2	9
Maximum temperature (°F)	Hollis	7	77	19
Maximum 24-hour precipitation (in.)	Broken Bow	9	3.81	16

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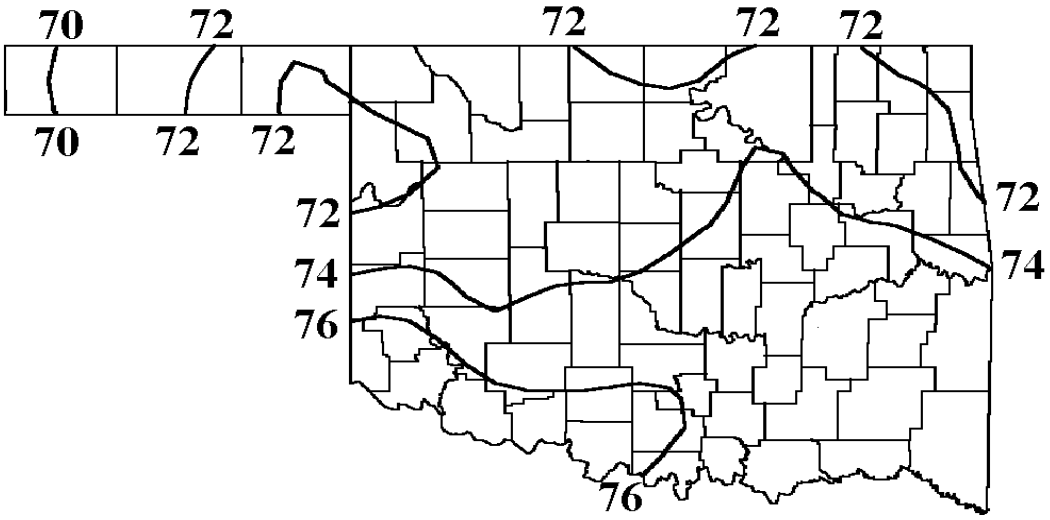
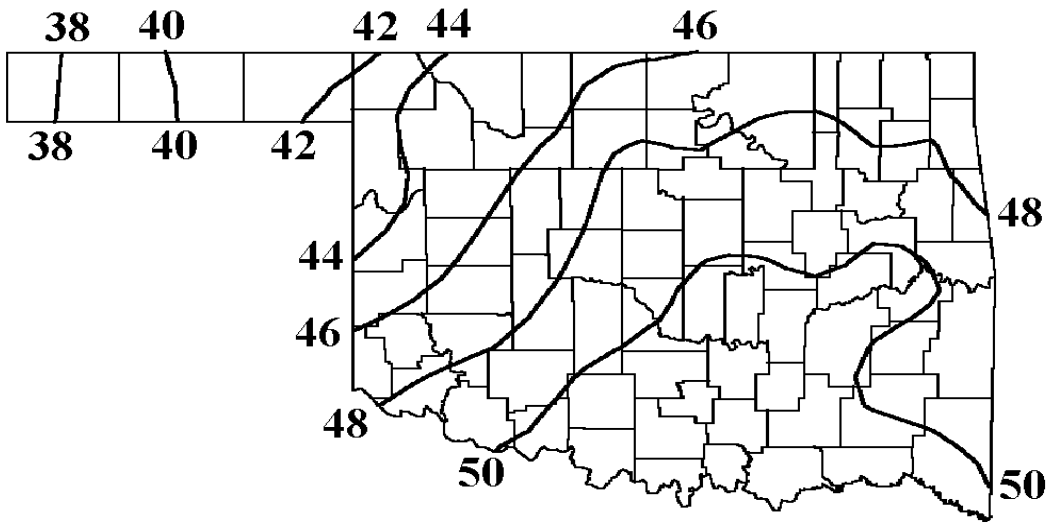
APRIL NORMAL DAILY MAXIMUM TEMPERATURE (ºF)



APRIL NORMAL DAILY MINIMUM TEMPERATURE (ºF)



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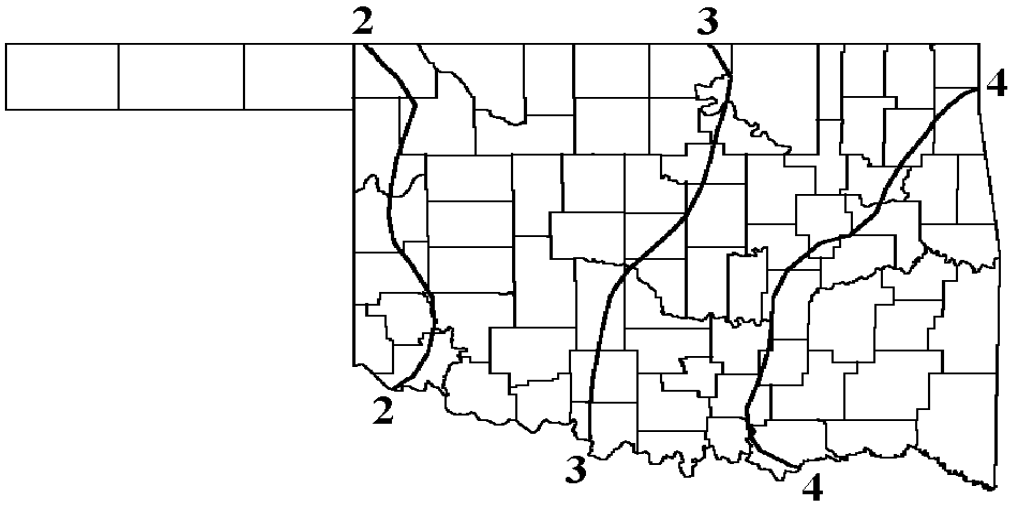
APRIL NORMAL MONTHLY PRECIPITATION (INCHES)



APRIL TORNADO STATISTICS

The most tornadoes reported in **APRIL** for Oklahoma was **(40)** in **1957**.

The average number of tornadoes in **APRIL** for Oklahoma is **(10.8)**.

OUTLOOK FOR APRIL 2001 THROUGH JUNE 2001

BASED ON SEASONAL OUTLOOK PROVIDED BY THE CLIMATE PREDICTION CENTER

Temperature: **Above normal in southeast part of state**
Near normal elsewhere

Precipitation: **Near normal statewide**

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OKLAHOMA CITY CLIMATE CALENDAR

APRIL

The data on this calendar are for Oklahoma City, Oklahoma.
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.	Ave. High	2001	Record High	Year	Lowest Max	Year	Ave. Low	2001	Highest Min.	Year	Record Low	Year	Avg. Precip.	2001	Greatest Precip.	Year
1	56	68		92	1946	45	1938	44		68	1946	26	1899	0.08		2.87	1905
2	56	68		88	1918	43	1975	44		67	1946	20	1936	0.08		0.99	1922
3	57	68		92	1893	43	1979	45		66	1934	21	1975	0.08		1.37	1919
4	57	69		93	1893	38	1920	45		68	1929	22	1891	0.08		2.06	1906
5	57	69		94	1893	43	1899	45		65	1978	26	1970	0.08		3.39	1953
6	58	69		95	1893	41	1899	46		68	1967	26	1936	0.08		1.24	1940
7	58	70		94	1893	38	1938	46		68	1893	27	1938	0.08		1.76	1942
8	58	70		88	1905	36	1938	47		63	1999	28	1938	0.08		2.99	1922
9	59	70		90	1930	44	1973	47		66	1927	25	1914	0.08		2.91	1944
10	59	71		91	1934	45	1958	47		66	1965	28	1973	0.08		1.40	1979
11	59	71		90	1972	47	1952	47		66	1972	29	1940	0.08		1.14	1997
12	59	71		100	1972	35	1957	48		70	1972	23	1957	0.08		3.11	1967
13	60	71		94	1972	43	1957	48		65	1941	20	1957	0.08		3.75	1910
14	60	72		92	1936	46	1928	48		68	1972	27	1980	0.08		1.27	1947
15	60	72		90	1940	51	1902	49		66	1982	30	1928	0.08		1.67	1947
16	61	72		92	1940	49	1905	49		67	1896	31	1921	0.09		1.08	1970
17	61	72		92	1987	47	1905	49		67	1963	30	1953	0.09		1.40	1908
18	61	73		96	1925	47	1953	50		66	1964	30	1953	0.09		2.97	1942
19	62	73		94	1987	50	1918	50		68	1948	33	1953	0.09		2.92	1919
20	62	73		91	1961	43	1918	50		69	1985	33	1966	0.09		2.07	1937
21	62	74		90	1965	45	1959	51		70	1961	34	1966	0.10		1.39	1996
22	62	74		95	1955	45	1909	51		69	1961	34	1959	0.10		1.98	1915
23	63	74		89	1989	52	1931	51		70	1989	33	1909	0.10		0.96	1945
24	63	74		89	1901	52	1947	52		68	1989	35	1995	0.11		1.67	1948
25	63	74		91	1939	51	1997	52		66	1893	35	1910	0.11		3.79	1999
26	63	75		92	1896	50	1919	52		68	1975	35	1907	0.11		2.77	1998
27	64	75		91	1959	57	1979	52		69	1970	35	1920	0.12		1.57	1897
28	64	75		93	1902	50	1922	53		70	1970	37	1979	0.12		1.97	1960
29	64	75		92	1936	50	1994	53		68	1933	34	1908	0.12		2.87	1974
30	64	75		93	1948	48	1994	53		68	1936	32	1907	0.13		2.13	1970
MONTH	**60.4**	**71.9**		**100**	**1972**	**35**	**1957**	**48.8**		**70**	**1989**	**20**	**1957**	**2.77**		**3.75**	**1910**

DATA COURTESY OF NATIONAL WEATHER SERVICE — NORMAN
Temperatures are in degrees Fahrenheit; precipitation is in inches.

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TULSA CLIMATE CALENDAR

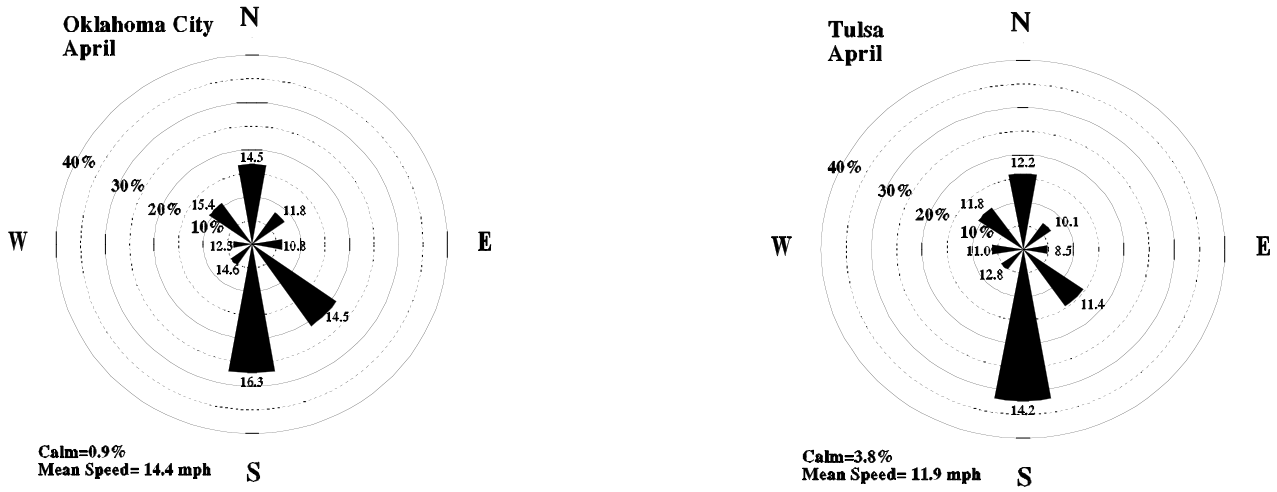
APRIL

The data on this calendar are for Tulsa, Oklahoma.
Normal values are calculated for the period 1961-1990.
Temperature extremes are for the period 1905-2000.
Precipitation extremes are for the period 1888-2000.

Day	Avg. Temp.	Ave. High	2001	Record High	Year	Lowest Max	Year	Ave. Low	2001	Highest Min.	Year	Record Low	Year	Avg. Precip.	2001	Greatest Precip.	Year
1	57	69		94	1946	44	1993	45		69	1946	28	1972	0.12		1.60	1988
2	57	69		89	1918	41	1949	45		69	1946	22	1936	0.11		0.89	1916
3	58	69		88	1965	46	1979	46		69	1981	23	1975	0.11		1.25	1978
4	58	70		90	1943	46	1993	46		68	1929	27	1972	0.11		4.40	1964
5	58	70		88	2000	47	1996	46		66	1929	22	1920	0.11		2.54	1933
6	59	70		92	1960	43	1939	47		67	1929	29	1996	0.11		1.40	1940
7	59	71		88	1949	46	1916	47		67	1986	28	1939	0.11		1.47	1975
8	59	71		88	1965	37	1938	48		66	1999	29	1938	0.11		2.33	1913
9	60	71		90	1930	43	1973	48		64	1978	24	1914	0.11		1.78	1925
10	60	72		92	1927	47	1956	48		66	1927	31	1973	0.11		2.72	1908
11	60	72		93	1972	46	1914	49		68	1972	30	1940	0.11		1.73	1901
12	61	72		102	1972	36	1957	49		68	1981	26	1957	0.12		2.88	1945
13	61	73		96	1936	45	1957	49		69	1972	22	1957	0.12		1.69	1945
14	61	73		94	1936	47	1933	50		71	1936	31	1957	0.12		2.55	1929
15	62	73		93	1936	53	1993	50		68	1982	27	1928	0.12		2.51	1941
16	62	73		93	1982	49	1944	50		72	1963	31	1953	0.12		1.38	1968
17	62	74		92	1987	56	1939	51		70	1963	28	1921	0.12		1.75	1953
18	62	74		98	1925	48	1953	51		70	1963	29	1953	0.12		2.61	1941
19	63	74		94	1987	45	1983	51		70	1964	34	1953	0.13		2.52	1917
20	63	74		92	1963	41	1918	51		71	1964	32	1953	0.13		3.30	1929
21	63	75		94	1965	49	1931	52		71	1961	32	1966	0.13		2.54	1928
22	64	75		91	1965	49	1995	52		69	1961	32	1931	0.13		1.39	1985
23	64	75		93	1958	56	1995	52		70	1925	32	1909	0.13		3.22	1953
24	64	75		91	1975	46	1910	53		71	1989	37	1909	0.14		1.67	1947
25	64	76		89	1939	49	1907	53		68	1989	36	1910	0.14		2.76	1999
26	64	76		91	1987	48	1919	53		70	1975	35	1910	0.14		2.09	1915
27	65	76		92	1966	57	1998	53		70	1989	36	1920	0.14		2.33	1998
28	65	76		88	1970	53	1992	54		71	1970	37	1965	0.15		3.04	1912
29	65	76		92	1987	49	1907	54		68	1942	38	1969	0.15		1.99	1994
30	65	76		91	1987	50	1907	54		71	1936	35	1908	0.15		3.00	1970
MONTH	**61.5**	**73**		**102**	**1972**	**36**	**1957**	**49.9**		**72**	**1963**	**22**	**1957**	**0.12**		**4.40**	**1964**

DATA COURTESY OF NATIONAL WEATHER SERVICE — TULSA
Temperatures are in degrees Fahrenheit; precipitation is in inches.

APRIL WIND ROSES



April 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 directon in miles per hour.

APRIL SUNRISE/SUNSET TIMES FOR 2001

ALL TIMES ARE CENTRAL STANDARD TIME

OKLAHOMA CITY

DATE	SUNRISE	SUNSET
4/1/00	6:16 AM	6:52 PM
4/2/00	6:15 AM	6:53 PM
4/3/00	6:14 AM	6:54 PM
4/4/00	6:12 AM	6:54 PM
4/5/00	6:11 AM	6:55 PM
4/6/00	6:09 AM	6:56 PM
4/7/00	6:08 AM	6:57 PM
4/8/00	6:07 AM	6:58 PM
4/9/00	6:05 AM	6:58 PM
4/10/00	6:04 AM	6:59 PM
4/11/00	6:03 AM	7:00 PM
4/12/00	6:01 AM	7:01 PM
4/13/00	6:00 AM	7:02 PM
4/14/00	5:59 AM	7:02 PM
4/15/00	5:57 AM	7:03 PM
4/16/00	5:56 AM	7:04 PM
4/17/00	5:55 AM	7:05 PM
4/18/00	5:54 AM	7:06 PM
4/19/00	5:52 AM	7:07 PM
4/20/00	5:51 AM	7:07 PM
4/21/00	5:50 AM	7:08 PM
4/22/00	5:49 AM	7:09 PM
4/23/00	5:47 AM	7:10 PM
4/24/00	5:46 AM	7:11 PM
4/25/00	5:45 AM	7:12 PM
4/26/00	5:44 AM	7:12 PM
4/27/00	5:43 AM	7:13 PM
4/28/00	5:42 AM	7:14 PM
4/29/00	5:40 AM	7:15 PM
4/30/00	5:39 AM	7:16 PM

TULSA

DATE	SUNRISE	SUNSET
4/1/00	6:10 AM	6:46 PM
4/2/00	6:08 AM	6:47 PM
4/3/00	6:07 AM	6:48 PM
4/4/00	6:05 AM	6:48 PM
4/5/00	6:04 AM	6:49 PM
4/6/00	6:03 AM	6:50 PM
4/7/00	6:01 AM	6:51 PM
4/8/00	6:00 AM	6:52 PM
4/9/00	5:58 AM	6:53 PM
4/10/00	5:57 AM	6:53 PM
4/11/00	5:56 AM	6:54 PM
4/12/00	5:54 AM	6:55 PM
4/13/00	5:53 AM	6:56 PM
4/14/00	5:52 AM	6:57 PM
4/15/00	5:50 AM	6:58 PM
4/16/00	5:49 AM	6:59 PM
4/17/00	5:48 AM	6:59 PM
4/18/00	5:46 AM	7:00 PM
4/19/00	5:45 AM	7:01 PM
4/20/00	5:44 AM	7:02 PM
4/21/00	5:43 AM	7:03 PM
4/22/00	5:41 AM	7:04 PM
4/23/00	5:40 AM	7:04 PM
4/24/00	5:39 AM	7:05 PM
4/25/00	5:38 AM	7:06 PM
4/26/00	5:36 AM	7:07 PM
4/27/00	5:35 AM	7:08 PM
4/28/00	5:34 AM	7:09 PM
4/29/00	5:33 AM	7:10 PM
4/30/00	5:32 AM	7:10 PM

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