OKLAHOMA
MONTHLY SUMMARY
JANUARY 1992

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JANUARY 1992 OKLAHOMA SUMMARY

Two heavy snowfall events blanketed parts of Oklahoma during January, but aside from these brief episodes the month was relatively dry and warm. Preliminary data show a statewide-averaged temperature of 41.4 degrees, which is 5.0 degrees above normal. This places the month as the 22nd warmest January on record. The snow held temperatures down in the southern part of the state during the second half of the month, while northern parts enjoyed continued warm weather. Climate Division 2, in north central Oklahoma, had the greatest temperature departures, including nearly ten degrees above normal at Ponca City. An average 1.25 inches of precipitation fell on Oklahoma during January, only 0.01 inch below normal. January's precipitation was tied for the 50th driest among 101 years of weather records. Precipitation was not uniform however, as western sections of the state recorded above-normal precipitation amounts, and northeast Oklahoma reported precipitation deficits in January.

Some cool air remained in parts of Oklahoma on New Years Day, but maximum temperatures rose into the 50's and 60's statewide during the next several days. Temperatures reached as high as 67 degrees at Waurika and Pauls Valley on the 7th and again at Pauls Valley on the 8th. Afternoon temperatures exceeded 50 degrees statewide on the 5th, although minimum temperatures often dipped below freezing. Except for a 1.47 inch rainfall at Broken Bow on the 8th, no reports of precipitation exceeding an inch were observed during the first 12 days of the month.

A cold front swept across Oklahoma on the 12th and 13th, bringing an abrupt end to the pleasant conditions which had prevailed at the onset of the month. Along with cooler air came heavy snows to portions of southern and central Oklahoma. Snowfall totals exceeding three inches were common south of a line from Altus to Oklahoma City to Muskogee. A good part of the precipitation in the far eastern sections of the state fell as rain before changing to snow, reducing the snowfall totals reported in these regions. The largest reported snow totals were seven inches at Marietta and Sulpher, 6.5 inches at Allen, Blanchard and Randlett, and 6.0 inches at Sedan and Tishomingo. However, the earlier warm spell had warmed the ground so the snow quickly melted.

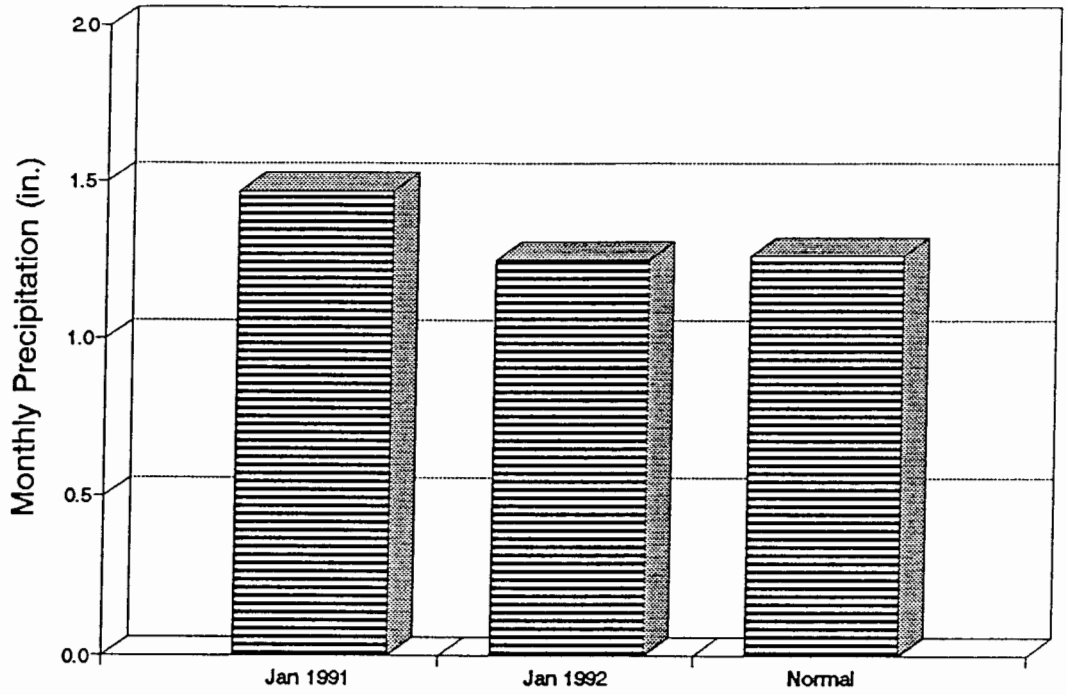
Temperatures behind the front dropped to the lowest readings of the month. Temperatures in the single digits were reported nearly statewide on the 16th, and maximum temperatures in the 20's and 30's were recorded at numerous locations on the 15th and 16th. The lowest readings were reported at stations which had received significant snowfall during the preceding days.

Another cold front passed through the state on the 17th, reinforcing the cool air for several more days. The front stalled across Texas, allowing warm, moist air to move over the cool air at the surface. The combination of moisture and cool air set up the second major snow of the month. Although individual stations reported snowfall totals greater than during the first event, the snow this time was confined to south central Oklahoma and northern Texas. Snowfall totals included 10 inches at Marietta, 9.6 inches at Madill, 8 inches at Ardmore, Healdton, Kingston and Waurika and 7 inches at Durant. Several other stations in the region reported snowfall in excess of five inches.

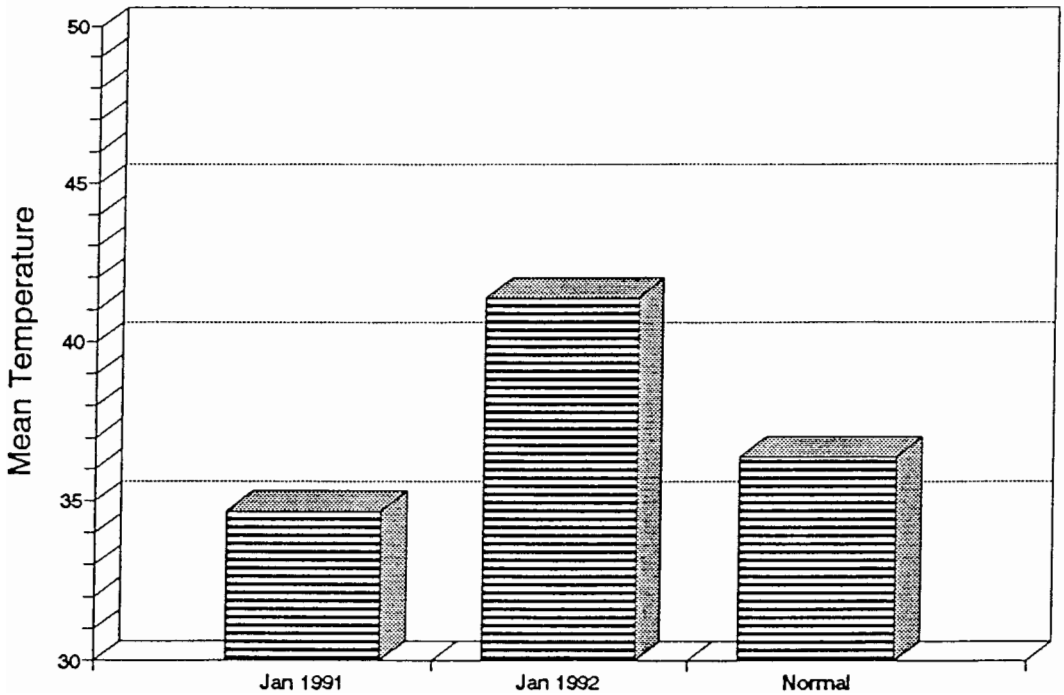
The cold front dissipated on the 20th, allowing warm air to spread northward across Oklahoma. Temperatures climbed back into the 50's and 60's statewide, although heavy fog later in the month held maximum temperatures to the 40's at several locations. Andadarko reached 71 degrees on the 26th and many locations across western Oklahoma were in the 70's on the 31st.

Mark A. Shafer

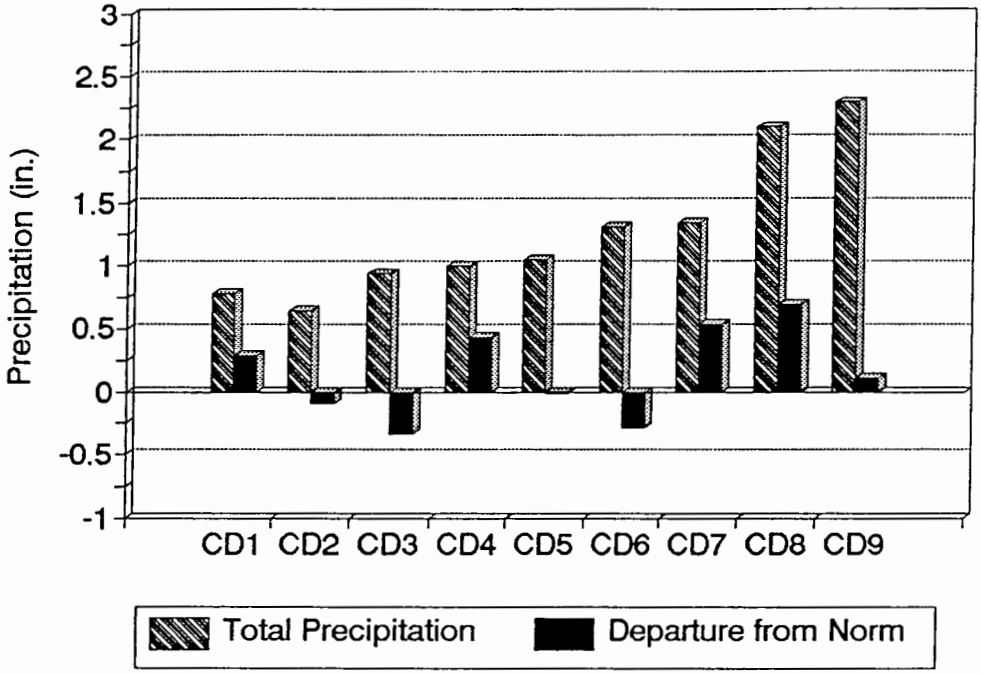
Comparison of Monthly Precipitation Statewide Average for Oklahoma



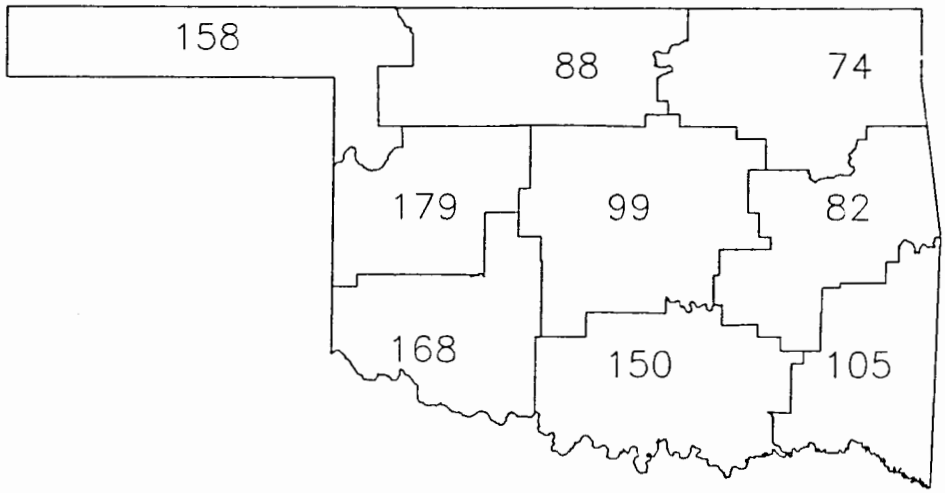
Comparison of Monthly Temperature Statewide Average for Oklahoma



CD Averaged Precipitation
Jan 1992



JANUARY 1992 CLIMATE DIVISION PERCENT OF NORMAL PRECIPITATION



EXTREME VALUES OF TEMPERATURE AND PRECIPITATION IN EACH CLIMATE DIVISION
JANUARY, 1992

CD	MAX TEMP	DATE	LOCATION	MIN TEMP	DATE	LOCATION	24-HOUR PRECIP	DATE	LOCATION	MONTHLY PRECIP	LOCATION
1	75	31	GUYMON	10	16	GAGE FAA APT	.42	1	LAVERNE	.97	LAVERNE
2	73	31	WAYNOKA	10	16	FREEDOM	.80	27	CHEROKEE	1.31	VANCE AFB
3	69	31	CLEVELAND	8	16	JAY TOWER	.88	22	RALSTON	1.45	NOWATA
				8	16	KANSAS					
4	73	31	REYDON	10	16	TALOGA	.82	27	LEEDEY	2.05	THOMAS
5	72	31	NORMAN	10	16	PURCELL	.79	13	OKLAHOMA CTY	1.95	PURCELL
6	68	30	EUFAULA	7	16	MCALESTER	1.27	22	MCCURTAIN	3.13	MCCURTAIN
	68	31	HOLDENVILLE								
	68	31	LAKE EUFAULA								
	68	30	MCALESTER								
	68	25	SALLISAW								
7	71	26	ANADARKO	8	16	WICHITA MT	.92	13	FREDERICK	2.28	RANDLETT
	71	31	FORT SILL								
8	73	31	WAURIKA	4	16	CHICKASAW NR	1.28	22	FARRIS	3.70	MADILL
9	69	31	BOSWELL	7	16	WILBURTON	1.50	13	WILBURTON	4.66	BROKEN BOW
	69	31	TUSKAHOMA								

TABLE OF 1991/1992 COMPARISONS

Station	January Temperatures (F) 1991	1992	January Precipitation (in.) 1991	1992
Arnett	29.4	37.8	.31	.74
Enid	32.3	41.5	.03	1.01
Mutual	30.4	39.2	.25	.94
Tulsa	35.7	43.8	1.42	.79
Elk City	34.0	42.0	.68	1.01
Oklahoma City	36.1	42.0	.70	1.15
McAlester	37.7	43.1	1.80	1.49
Altus Irr Sta	37.2	41.9	1.39	1.45
Durant	38.5	42.6	2.61	2.73
Ada	35.6	40.7	1.92	1.69
Antlers	38.8	42.5	2.51	1.49

EXTREMES

Variable	Station	Division	Observation	Date
Minimum temperature (F)	Chickasaw NRA	8	4	16
Maximum temperature (F)	Buffalo	1	75	31
	Guymon	1	75	31
Maximum 24-hour precipitation	Broken Bow Dam	9	1.96"	8

JANUARY 1992 SUMMARY FOR NORTHWEST 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	37.8	31	5.3	64.	25	11.	16	843.0	-165.0	.0	.0	.743	31	.28	.26	27
BEAVER	593	1	37.1	31	5.5	67.	25	11.	16	864.5	-170.5	.0	.0	.811	31	.41	.41	1
BOISE CITY 2 E	908	1	37.7	31	3.5	71.	31	8.	15	845.0	-110.0	.0	.0	.182	31	-.12	.18	6
BUFFALO	1243	1	41.6	31	7.0	75.	31	11.	16	726.5	-215.5	.0	.0	.350	31	-.14	.25	7
FARGO	3070	1	*****	0	*****	****	0	****	0	******	******	******	******	.642	31	.17	.23	27
GAGE FAA APT	3407	1	40.2	31	5.9	73.	31	10.	16	769.0	-183.0	.0	.0	.255	30	*****	.21	7
GATE	3489	1	39.8	31	7.4	69.	25	11.	16	780.5	-230.5	.0	.0	.354	31	-.20	.32	6
GOODWELL RES ST	3628	1	37.1	31	5.2	68.	25	9.	15	864.5	-161.5	.0	.0	.461	31	.19	.46	7
GUYMON	3835	1	39.7	26	*****	75.	31	14.	15	657.5	******	.0	******	.360	28	*****	.34	7
HOOKER	4298	1	37.9	31	5.0	68.	25	10.	16	840.5	-154.5	.0	.0	.941	31	.55	.55	1
KENTON	4766	1	36.3	31	3.9	71.	31	9.	16	889.5	-121.5	.0	.0	.002	31	-.28	.00	12
LAVERNE	5045	1	*****	0	*****	****	0	****	0	******	******	******	******	.971	31	.44	.42	1
OPTIMA LAKE	6740	1	38.0	31	*****	68.	25	10.	16	836.0	******	.0	******	.741	31	*****	.40	1
REGNIER	7534	1	*****	0	*****	****	0	****	0	******	******	******	******	.033	31	-.27	.03	7
TURPIN 4 SSE	9017	1	37.6	31	*****	66.	25	11.	16	850.5	******	.0	******	.732	31	*****	.42	1

JANUARY 1992 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	41.7	31	*****	72.	31	14.	15	722.5	******	.0	******	.840	31	*****	.48	1
VANCE AFB	302	2	*****	0	*****	****	0	****	0	******	******	******	******	1.313	30	*****	.50	22
BILLINGS	755	2	40.0	31	7.2	62.	31	13.	16	776.0	-222.0	.0	.0	.442	31	-.56	.16	23
BLACKWELL 2E	818	2	40.5	31	7.6	63.	31	13.	15	760.5	-234.5	.0	.0	.953	31	.01	.33	22
BRAMAN	1075	2	*****	0	*****	****	0	****	0	******	******	******	******	.463	31	*****	.19	22
CEDARDALE	1620	2	*****	0	*****	****	0	****	0	******	******	******	******	.933	31	*****	.52	1
CHEROKEE	1724	2	42.2	31	7.7	69.	31	14.	15	707.5	-238.5	.0	.0	.800	31	-.05	.80	27
ENID	2912	2	41.5	29	*****	66.	31	14.	15	681.0	******	.0	******	1.010	31	.05	.21	1
FT SUPPLY DAM	3304	2	38.6	31	6.4	66.	26	12.	16	818.5	-198.5	.0	.0	.512	31	.06	.22	7
FREEDOM	3358	2	40.2	31	6.2	72.	31	10.	16	768.0	-193.0	.0	.0	.620	31	.08	.57	28
GREAT SALT PLNS	3740	2	39.9	31	7.9	62.	31	14.	16	777.5	-245.5	.0	.0	1.140	22	*****	.66	22
HARDY	3909	2	*****	0	*****	****	0	****	0	******	******	******	******	.423	31	*****	.21	21
HELENA 1 SSE	4019	2	39.9	31	8.1	61.	31	14.	16	778.0	-251.0	.0	.0	.874	31	.10	.42	22
JEFFERSON	4573	2	40.7	31	6.6	66.	31	11.	16	754.5	-203.5	.0	.0	.462	31	-.39	.15	21
LAMONT	5013	2	*****	0	*****	****	0	****	0	******	******	******	******	.611	31	*****	.15	27
MEDFORD	5768	2	*****	0	*****	****	0	****	0	******	******	******	******	.752	31	*****	.21	21
MORRISON	6065	2	*****	0	*****	****	0	****	0	******	******	******	******	.480	31	*****	.16	1
MUTUAL	6139	2	39.2	31	6.7	64.	25	13.	16	799.0	-209.0	.0	.0	.940	31	.34	.45	1
NEWKIRK	6278	2	40.4	31	7.2	62.	31	12.	15	763.0	-223.0	.0	.0	.752	31	-.12	.25	14
ORIENTA	6751	2	*****	0	*****	****	0	****	0	******	******	******	******	.410	31	-.30	.21	1
PERRY	7012	2	42.7	31	7.0	67.	31	14.	16	692.0	-216.0	.0	.0	.841	31	-.10	.29	1
PONCA CITY FAA	7201	2	42.1	31	9.7	65.	31	17.	16	710.5	-300.5	.0	.0	.524	31	-.51	.18	22
RED ROCK 1 NNE	7505	2	*****	0	*****	****	0	****	0	******	******	******	******	.560	31	-.34	.17	28
WAYNOKA	9404	2	41.0	31	6.1	73.	31	13.	16	745.0	-188.0	.0	.0	.300	31	-.34	.20	27
WOODWARD	9760	2	*****	0	*****	****	0	****	0	******	******	******	******	.400	31	-.14	.23	26

JANUARY 1992 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
BARNSDALL	535	3	40.2	31	5.6	66.	31	13.	16	769.0	-173.0	.0	.0	.751	31	-.64	.27	22
BARTLESVILLE 2W	548	3	40.7	31	6.0	66.	31	11.	16	752.5	-186.5	.0	.0	1.061	31	-.21	.35	1
BIXBY	782	3	39.9	31	5.9	64.	31	15.	16	779.5	-181.5	.0	.0	.940	31	-.63	.30	22
BURBANK	1256	3	*****	0	*****	****	0	****	0	******	******	******	******	.371	31	-.77	.16	21
CHELSEA 4 S	1717	3	*****	0	*****	****	0	****	0	******	******	******	******	.820	31	*****	.33	1
CLAREMORE	1828	3	39.1	31	6.0	63.	31	12.	16	804.0	-185.0	.0	.0	1.200	31	-.40	.38	1
CLEVELAND 5 WSW	1902	3	42.2	29	*****	69.	31	12.	16	662.0	******	.0	******	1.291	31	*****	.38	14
FORAKER	3250	3	*****	0	*****	****	0	****	0	******	******	******	******	.850	31	-.17	.29	1
HOLLOW	4258	3	*****	0	*****	****	0	****	0	******	******	******	******	1.051	31	-.43	.43	1
HOMINY	4289	3	*****	0	*****	****	0	****	0	******	******	******	******	1.143	31	-.11	.35	22
HULAH DAM	4393	3	38.0	21	*****	64.	31	10.	16	566.0	******	.0	******	1.211	27	*****	.32	1
JAY TOWER	4567	3	38.8	31	*****	62.	31	8.	16	813.5	******	.0	******	1.040	31	*****	.40	14
KANSAS 1 ESE	4672	3	40.6	31	4.6	63.	30	8.	16	756.0	-143.0	.0	.0	1.153	31	-1.01	.40	1
KEYSTONE DAM	4812	3	38.7	26	*****	62.	8	14.	18	683.0	******	.0	******	1.261	22	*****	.41	14
LENAPAH	5118	3	*****	0	*****	****	0	****	0	******	******	******	******	1.000	31	*****	.32	1
MANNFORD 6 NW	5522	3	41.8	31	6.3	67.	31	11.	16	720.0	-195.0	.0	.0	1.140	31	-.18	.38	1
MARAMEC	5540	3	*****	0	*****	****	0	****	0	******	******	******	******	.783	31	-.49	.32	14
MIAMI	5855	3	39.2	31	6.5	59.	8	11.	16	800.5	-200.5	.0	.0	.870	31	-.88	.34	1
NOWATA	6485	3	40.5	31	6.0	61.	31	12.	15	760.5	-185.5	.0	.0	1.451	31	-.14	.50	8
ONETA 1 WNW	6713	3	*****	0	*****	****	0	****	0	******	******	******	******	.811	31	*****	.26	22
PAWHUSKA	6935	3	40.6	31	6.5	66.	31	12.	16	755.0	-203.0	.0	.0	.892	31	-.39	.27	1
PAWNEE	6940	3	*****	0	*****	****	0	****	0	******	******	******	******	.493	31	-.73	.19	14
PRYOR 6 N	7309	3	38.1	31	5.1	64.	31	11.	16	834.0	-158.0	.0	.0	.692	31	-1.06	.26	1
RALSTON	7390	3	42.8	30	8.0	64.	7	14.	16	667.5	-271.5	.0	.0	1.282	31	.13	.88	22
RAMONA 4 N	7394	3	*****	0	*****	****	0	****	0	******	******	******	******	1.170	31	*****	.35	1
SKIATOOK	8258	3	*****	0	*****	****	0	****	0	******	******	******	******	.410	31	-.96	.16	22
SPAVINAW	8380	3	42.3	31	5.8	63.	30	12.	16	705.0	-179.0	.0	.0	.881	31	-.82	.36	1
TULSA WSO APT	8992	3	43.8	31	8.6	66.	31	18.	16	657.5	-266.5	.0	.0	.795	31	-.75	.31	1
UPPER SPAVINAW	9101	3	41.7	30	*****	62.	31	15.	19	699.0	******	.0	******	.864	31	*****	.35	14
VINITA 2 N	9203	3	40.5	30	6.9	65.	31	12.	16	735.5	-237.5	.0	.0	.810	31	-.99	.37	1
WAGONER	9247	3	41.1	31	4.3	64.	31	14.	16	741.0	-133.0	.0	.0	.900	31	-1.06	.29	14
WANN	9298	3	*****	0	*****	****	0	****	0	******	******	******	******	.871	31	*****	.40	1
WYNONA	9792	3	*****	0	*****	****	0	****	0	******	******	******	******	.882	31	*****	.29	22

JANUARY 1992 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	39.4	21	*****	63.	31	14.	16	537.0	******	.0	******	1.210	21	*****	.59	26
CHEYENNE	1738	4	*****	0	*****	****	0	****	0	******	******	******	******	1.020	31	.54	.57	28
CLINTON	1909	4	42.1	31	5.5	69.	31	14.	16	709.0	-171.0	.0	.0	.571	31	-.37	.22	27
COLONY	2039	4	*****	0	*****	****	0	****	0	******	******	******	******	1.011	31	*****	.31	27
CORDELL	2125	4	*****	0	*****	****	0	****	0	******	******	******	******	.891	31	-.02	.28	27
ELK CITY 1 E	2849	4	41.7	31	5.5	68.	31	14.	16	722.5	-170.5	.0	.0	1.011	31	.32	.54	27
ERICK 4 E	2944	4	41.3	31	4.7	71.	31	14.	16	734.5	-145.5	.0	.0	.881	31	.35	.59	27
GEARY	3497	4	43.2	30	7.6	71.	31	18.	16	653.0	-258.0	.0	.0	.600	31	-.16	.40	27
HAMMON 1 NNE	3871	4	38.9	31	5.4	64.	31	15.	17	808.0	-169.0	.0	.0	1.013	31	.33	.70	27
LEEDEY	5090	4	*****	0	*****	****	0	****	0	******	******	******	******	1.530	31	1.04	.82	27
MACKIE 4 NNW	5463	4	*****	0	*****	****	0	****	0	******	******	******	******	1.040	31	*****	.54	27
MORAVIA 2 NNE	6035	4	*****	0	*****	****	0	****	0	******	******	******	******	.923	31	.21	.55	27
OKEENE	6629	4	42.1	31	5.9	69.	31	15.	16	710.5	-182.5	.0	.0	.810	31	.04	.38	22
RETROP	7565	4	*****	0	*****	****	0	****	0	******	******	******	******	.850	31	*****	.45	27
REYDON	7579	4	41.5	22	*****	73.	31	12.	16	518.0	******	.0	******	.572	22	*****	.56	27
SAYRE	7952	4	*****	0	*****	****	0	****	0	******	******	******	******	.860	31	.39	.59	27
SWEETWATER 2 E	8652	4	*****	0	*****	****	0	****	0	******	******	******	******	.850	31	*****	.65	26
TALOGA	8708	4	40.5	31	5.7	71.	31	10.	16	758.0	-178.0	.0	.0	1.023	31	.32	.45	27
THOMAS	8815	4	*****	0	*****	****	0	****	0	******	******	******	******	2.050	31	*****	.81	15
VICI	9172	4	*****	0	*****	****	0	****	0	******	******	******	******	.922	31	.19	.45	27
WATONGA	9364	4	42.4	31	7.0	69.	31	16.	16	699.5	-218.5	.0	.0	1.090	31	.14	.47	27
WEATHERFORD	9422	4	40.6	31	6.3	65.	31	13.	16	755.0	-197.0	.0	.0	.973	31	.15	.42	27

JANUARY 1992 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	******	******	******	******	1.420	31	*****	.40	13
TINKER AFB	325	5	*****	0	*****	****	0	****	0	******	******	******	******	.725	30	*****	.27	14
BLANCHARD 2 SSW	830	5	41.5	23	*****	64.	8	11.	16	541.5	******	.0	******	1.463	31	.35	.50	14
BRISTOW	1144	5	42.0	31	5.2	67.	31	12.	16	711.5	-162.5	.0	.0	1.052	31	-.33	.27	22
CHANDLER	1684	5	42.6	31	5.4	67.	31	13.	16	693.5	-168.5	.0	.0	.780	29	*****	.42	1
CHICKASHA EX ST	1750	5	42.0	31	4.7	69.	31	15.	16	713.5	-145.5	.0	.0	1.170	31	.14	.47	13
COX CITY 1 E	2196	5	*****	0	*****	****	0	****	0	******	******	******	******	1.700	31	*****	.60	13
CRESCENT	2242	5	*****	0	*****	****	0	****	0	******	******	******	******	.400	31	*****	.10	1
CUSHING	2318	5	40.6	31	6.4	64.	8	15.	16	757.5	-197.5	.0	.0	.780	31	-.35	.22	1
EL RENO 1 N	2818	5	42.0	31	6.3	69.	31	15.	16	714.5	-193.5	.0	.0	.660	31	-.34	.18	27
GUTHRIE	3821	5	43.2	30	6.9	68.	31	13.	16	653.5	-236.5	.0	.0	1.902	31	.75	.50	14
HENNESSEY 2 SE	4055	5	41.3	31	6.2	65.	31	16.	16	736.0	-191.0	.0	.0	.440	31	-.42	.15	1
INGALLS	4489	5	*****	0	*****	****	0	****	0	******	******	******	******	.932	31	*****	.26	14
KINGFISHER 2 SE	4861	5	41.9	31	5.9	69.	31	14.	16	716.0	-183.0	.0	.0	.690	31	-.31	.21	27
KONAWA	4915	5	*****	0	*****	****	0	****	0	******	******	******	******	1.340	31	-.17	.57	14
MARSHALL	5589	5	*****	0	*****	****	0	****	0	******	******	******	******	.690	31	-.19	.31	1
MEEKER 4 W	5779	5	42.2	31	5.5	68.	31	12.	16	707.0	-170.0	.0	.0	.681	31	-.36	.28	21
MULHALL	6110	5	*****	0	*****	****	0	****	0	******	******	******	******	.351	31	*****	.13	26
NORMAN 3 S	6386	5	42.9	30	5.1	72.	31	16.	16	662.5	-180.5	.0	.0	1.263	31	-.06	.49	28
OILTON 2 SE	6616	5	*****	0	*****	****	0	****	0	******	******	******	******	.911	31	*****	.75	22
OKEMAH	6638	5	42.8	31	5.3	68.	31	13.	16	687.5	-165.5	.0	.0	1.512	31	.06	.47	14
OKLAHOMA CTY WS	6661	5	42.0	31	6.1	69.	31	14.	16	714.5	-187.5	.0	.0	1.156	31	.03	.79	13
PERKINS	7003	5	*****	0	*****	****	0	****	0	******	******	******	******	.740	31	-.43	.56	27
PIEDMONT	7068	5	*****	0	*****	****	0	****	0	******	******	******	******	.701	31	*****	.22	14
PRAGUE	7264	5	*****	0	*****	****	0	****	0	******	******	******	******	1.260	31	-.17	.50	13
PURCELL 5 SW	7327	5	42.0	31	4.6	70.	31	10.	16	711.5	-144.5	.0	.0	1.951	31	.61	.65	13
SEMINOLE	8042	5	43.6	31	4.8	66.	30	14.	16	662.5	-149.5	.0	.0	.680	31	-.80	.23	27
SHAWNEE	8110	5	*****	0	*****	****	0	****	0	******	******	******	******	1.221	31	-.15	.32	14
STELLA	8479	5	*****	0	*****	****	0	****	0	******	******	******	******	1.770	31	*****	.74	14
STILLWATER 2 W	8501	5	40.6	31	7.0	63.	8	12.	16	755.5	-217.5	.0	.0	.782	31	-.37	.21	13
STROUD 1 N	8563	5	*****	0	*****	****	0	****	0	******	******	******	******	1.532	31	*****	.50	12
TECUMSEH	8751	5	*****	0	*****	****	0	****	0	******	******	******	******	1.610	31	*****	.40	14
TROUSDALE	8960	5	*****	0	*****	****	0	****	0	******	******	******	******	1.230	31	*****	.52	13
UNION CITY 1 SE	9086	5	*****	0	*****	****	0	****	0	******	******	******	******	.812	31	-.55	.21	27
WELTY 1 SSE	9479	5	*****	0	*****	****	0	****	0	******	******	******	******	.942	31	*****	.23	27
WEWOKA	9575	5	*****	0	*****	****	0	****	0	******	******	******	******	1.222	31	-.23	.63	14

JANUARY 1992 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	******	******	******	******	1.840	31	*****	.72	14
BEGGS	631	6	*****	0	*****	****	0	****	0	******	******	******	******	.962	31	*****	.45	14
BOYNTON	1027	6	*****	0	*****	****	0	****	0	******	******	******	******	1.500	31	*****	.70	14
CALVIN	1391	6	*****	0	*****	****	0	****	0	******	******	******	******	1.690	31	.09	.71	14
CHECOTAH	1711	6	*****	0	*****	****	0	****	0	******	******	******	******	.833	31	-.80	.36	14
DEWAR 2 NE	2485	6	*****	0	*****	****	0	****	0	******	******	******	******	1.060	31	-.52	.46	14
DUSTIN	2690	6	*****	0	*****	****	0	****	0	******	******	******	******	1.510	31	*****	.58	22
EUFAULA	2993	6	43.4	30	4.5	68.	30	15.	16	647.5	-161.5	.0	.0	.673	30	*****	.23	1
HANNA	3884	6	42.0	31	4.0	67.	31	11.	16	713.5	-123.5	.0	.0	1.242	31	-.49	.44	14
HARTSHORNE	3946	6	*****	0	*****	****	0	****	0	******	******	******	******	1.490	31	*****	.90	14
HASKELL	3956	6	*****	0	*****	****	0	****	0	******	******	******	******	.912	31	-.95	.44	14
HOLDENVILLE	4235	6	42.1	31	3.8	68.	31	9.	16	708.5	-119.5	.0	.0	1.730	31	.32	.74	14
LAKE EUFAULA	4975	6	42.3	31	*****	68.	31	14.	16	702.5	******	.0	******	1.501	31	*****	.50	15
LYONS 2 N	5437	6	*****	0	*****	****	0	****	0	******	******	******	******	1.130	31	-.66	.43	1
MARBLE CITY	5546	6	*****	0	*****	****	0	****	0	******	******	******	******	.942	31	*****	.51	14
MCALESTER FAA	5664	6	43.1	31	5.5	68.	30	7.	16	678.5	-170.5	.0	.0	1.494	31	-.50	.72	14
MCCURTAIN 1 SE	5693	6	44.1	31	4.8	66.	30	10.	16	647.0	-150.0	.0	.0	3.132	31	.97	1.27	22
MUSKOGEE	6130	6	41.8	30	4.5	65.	30	14.	16	696.5	-162.5	.0	.0	.982	30	*****	.40	13
OKMULGEE W W	6670	6	39.4	31	4.6	66.	31	11.	16	795.0	-141.0	.0	.0	1.240	31	-.39	.50	14
OKTAHA 2 NE	6678	6	*****	0	*****	****	0	****	0	******	******	******	******	1.030	31	*****	.35	14
QUINTON	7372	6	*****	0	*****	****	0	****	0	******	******	******	******	1.467	31	-.48	.78	14
SALLISAW 2 NE	7862	6	41.0	31	3.1	68.	25	10.	16	745.0	-95.0	.0	.0	.314	31	-1.69	.12	14
SCIPIO	7979	6	*****	0	*****	****	0	****	0	******	******	******	******	.830	31	*****	.30	14
SCRAPER	7993	6	*****	0	*****	****	0	****	0	******	******	******	******	.960	31	*****	.40	15
SHORT	8170	6	*****	0	*****	****	0	****	0	******	******	******	******	1.552	31	*****	.87	14
STILWELL 1 NE	8506	6	40.8	31	4.4	64.	30	8.	16	751.5	-135.5	.0	.0	1.106	31	-.97	.46	1
TAHLEQUAH	8677	6	41.1	31	4.8	64.	31	8.	16	740.0	-150.0	.0	.0	.956	31	-1.05	.37	1
WEBBERS FALLS	9445	6	40.0	31	4.7	67.	31	12.	16	775.0	-146.0	.0	.0	1.070	31	-.74	.33	14
WESTVILLE	9523	6	*****	0	*****	****	0	****	0	******	******	******	******	1.000	31	*****	.38	1
WETUMKA 3 NE	9571	6	*****	0	*****	****	0	****	0	******	******	******	******	1.273	31	-.22	.55	14

JANUARY 1992 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 IRR STA	179	7	42.7	31	3.2	68.	31	18.	16	690.0	-101.0	.0	.0	1.450	31	.61	.70	13
ALTUS DAM	184	7	41.4	31	5.0	67.	25	15.	16	731.0	-156.0	.0	.0	1.200	31	.43	.45	27
ANADARKO	224	7	40.5	28	*****	71.	26	10.	16	685.0	******	.0	******	.951	31	-.08	.45	12
APACHE	260	7	*****	0	*****	****	0	****	0	******	******	******	******	1.690	31	.59	.75	13
ALTUS AFB	447	7	*****	0	*****	****	0	****	0	******	******	******	******	.871	31	*****	.47	13
CARNEGIE 2 ENE	1504	7	41.5	30	4.7	70.	31	13.	16	704.0	-170.0	.0	.0	1.180	31	.25	.50	13
CHATTANOOGA	1706	7	43.1	31	4.4	70.	31	17.	16	677.5	-137.5	.0	.0	1.980	31	1.02	.67	5
DUNCAN 12 W	2668	7	*****	0	*****	****	0	****	0	******	******	******	******	1.593	31	*****	.76	12
FREDERICK	3353	7	41.0	30	3.3	63.	26	18.	16	718.5	-127.5	.0	.0	1.740	30	*****	.92	13
GRANDFIELD 4 NW	3709	7	*****	0	*****	****	0	****	0	******	******	******	******	1.640	31	.55	.86	14
HOBART FAA APT	4204	7	42.7	31	5.7	69.	31	17.	16	692.0	-176.0	.0	.0	1.043	31	.26	.39	27
HOLLIS	4249	7	42.6	29	*****	70.	31	14.	16	648.5	******	.0	******	.732	29	*****	.50	27
LAWTON	5063	7	41.7	31	4.9	65.	31	16.	16	722.5	-151.5	.0	.0	1.500	31	.44	.59	27
FORT SILL	5068	7	42.9	31	*****	71.	31	17.	16	686.0	******	.0	******	1.393	31	*****	.74	13
LOOKEBA 2 ENE	5329	7	*****	0	*****	****	0	****	0	******	******	******	******	1.051	31	.07	.37	13
MANGUM RES STA	5509	7	42.2	31	4.0	69.	31	13.	16	707.5	-123.5	.0	.0	1.070	31	.32	.45	27
RANDLETT 9 E	7403	7	*****	0	*****	****	0	****	0	******	******	******	******	2.280	31	*****	.60	13
ROOSEVELT	7727	7	*****	0	*****	****	0	****	0	******	******	******	******	1.030	31	.17	.78	27
SEDAN	8016	7	*****	0	*****	****	0	****	0	******	******	******	******	1.322	31	*****	.78	13
SNYDER	8299	7	*****	0	*****	****	0	****	0	******	******	******	******	1.145	31	.25	.72	13
VINSON 3 WNW	9212	7	*****	0	*****	****	0	****	0	******	******	******	******	.901	31	.42	.52	27
WALTERS	9278	7	43.2	31	3.6	70.	31	18.	16	674.5	-112.5	.0	.0	2.021	31	.65	.72	22
WICHITA MT WLR	9629	7	39.4	30	3.8	65.	4	8.	16	768.5	-142.5	.0	.0	1.770	31	.59	.80	13
WILLOW	9668	7	*****	0	*****	****	0	****	0	******	******	******	******	1.041	31	*****	.51	27

JANUARY 1992 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

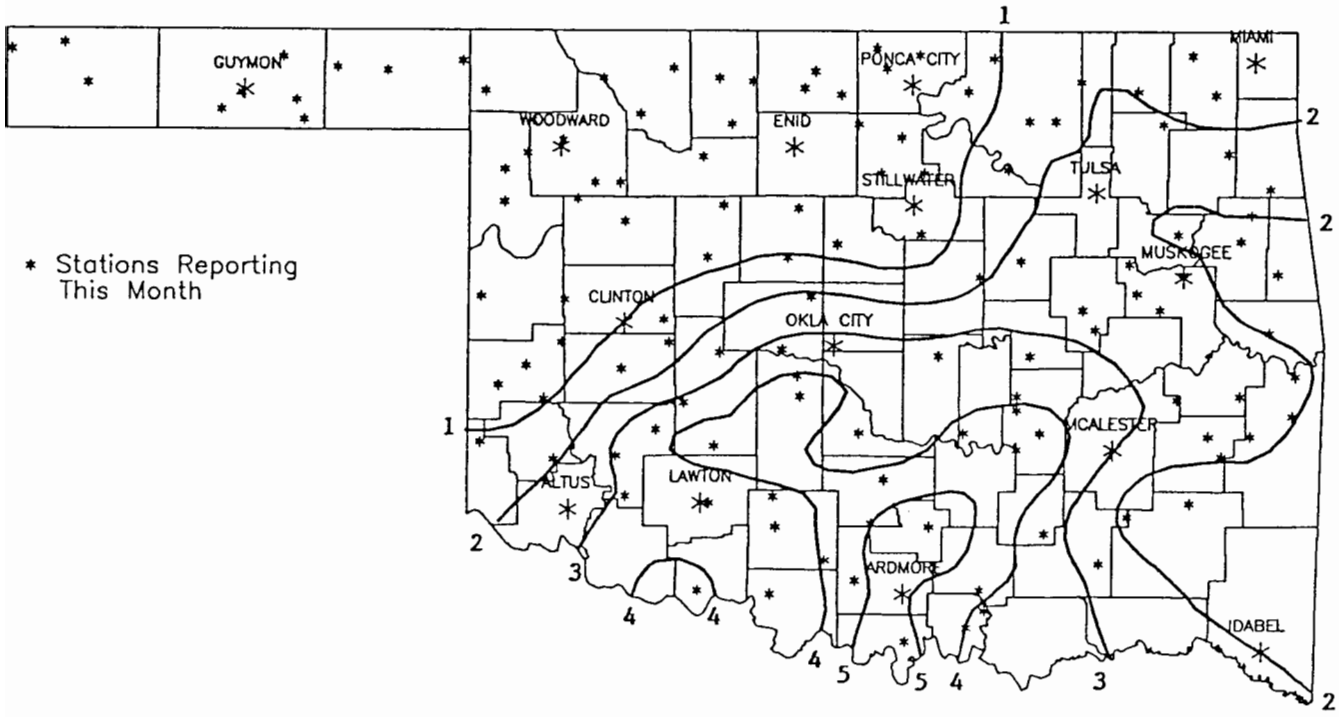
NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ADA	17	8	40.7	31	1.7	68.	31	8.	16	754.0	-52.0	.0	.0	1.690	31	.23	.43	1
ALLEN	147	8	*****	0	*****	****	0	****	0	******	******	******	******	.900	31	*****	.40	22
ARDMORE	292	8	43.4	31	1.7	69.	31	14.	19	668.5	-53.5	.0	.0	2.121	31	.66	1.18	13
ATOKA DAM	394	8	42.0	21	*****	66.	31	12.	16	482.0	******	.0	******	1.850	21	*****	.54	13
BOKCHITO	917	8	*****	0	*****	****	0	****	0	******	******	******	******	2.250	31	*****	.62	22
CANEY	1437	8	43.0	27	*****	66.	31	18.	16	594.0	******	.0	******	1.420	27	*****	.97	19
CENTRAHOMA	1648	8	*****	0	*****	****	0	****	0	******	******	******	******	1.100	31	*****	.40	22
CHICKASAW NRA	1745	8	40.8	31	4.1	67.	31	4.	16	749.0	-128.0	.0	.0	2.300	31	.86	.74	14
COLEMAN	2011	8	*****	0	*****	****	0	****	0	******	******	******	******	1.220	31	*****	.47	13
COMANCHE	2054	8	*****	0	*****	****	0	****	0	******	******	******	******	1.410	31	.18	.42	27
DAISY 4 ENE	2354	8	*****	0	*****	****	0	****	0	******	******	******	******	2.202	31	-.12	.96	14
DUNCAN	2660	8	42.0	30	4.5	66.	26	14.	16	690.5	-162.5	.0	.0	1.732	31	.54	.52	13
DURANT USDA	2678	8	42.6	31	4.4	68.	31	11.	16	694.5	-136.5	.0	.0	2.730	31	.73	.92	19
ELMORE CITY	2872	8	*****	0	*****	****	0	****	0	******	******	******	******	2.090	31	*****	.80	13
FARRIS 3 WNW	3083	8	*****	0	*****	****	0	****	0	******	******	******	******	2.990	31	.87	1.28	22
GRADY	3688	8	*****	0	*****	****	0	****	0	******	******	******	******	2.940	28	*****	.56	26
HEALDTON	4001	8	41.4	31	2.0	70.	31	5.	19	733.0	-61.0	.0	.0	2.991	31	1.58	.70	14
HENNEPIN	4052	8	*****	0	*****	****	0	****	0	******	******	******	******	1.471	31	*****	.41	13
KETCHUM RANCH	4780	8	*****	0	*****	****	0	****	0	******	******	******	******	1.742	31	*****	.78	13
KINGSTON	4865	8	*****	0	*****	****	0	****	0	******	******	******	******	3.600	31	1.65	1.15	15
LEHIGH	5108	8	*****	0	*****	****	0	****	0	******	******	******	******	1.538	31	*****	.65	14
LINDSAY 2 W	5216	8	42.6	31	4.4	69.	31	13.	16	694.0	-137.0	.0	.0	1.481	31	.21	.57	13
LOCO 6 SE	5247	8	*****	0	*****	****	0	****	0	******	******	******	******	1.850	31	*****	.55	13
MADILL	5468	8	42.9	31	2.5	71.	31	11.	19	684.5	-78.5	.0	.0	3.701	31	1.85	1.11	13
MARIETTA	5563	8	43.9	31	3.2	71.	31	14.	19	654.5	-98.5	.0	.0	3.121	31	1.68	.76	18
MARLOW 1 WSW	5581	8	43.3	31	4.9	72.	31	11.	16	672.5	-152.5	.0	.0	1.682	31	.61	.67	13
MCGEE CREEK DAM	5713	8	41.4	31	*****	66.	31	10.	14	733.0	******	.0	******	2.210	31	*****	.67	17
PAULS VALLEY	6926	8	42.7	31	3.9	70.	31	11.	16	690.0	-122.0	.0	.0	1.581	31	.11	.75	14
PONTOTOC	7214	8	*****	0	*****	****	0	****	0	******	******	******	******	2.090	31	.55	.50	13
TISHOMINGO NWLR	8884	8	43.0	25	*****	72.	31	9.	18	550.0	******	.0	******	3.090	31	1.37	.61	13
TUSSY	9032	8	*****	0	*****	****	0	****	0	******	******	******	******	1.660	31	*****	.51	14
WAURIKA	9395	8	43.8	31	3.3	73.	31	11.	19	657.0	-103.0	.0	.0	2.290	31	1.19	.60	21
WAURIKA DAM	9399	8	42.3	25	*****	66.	27	14.	16	566.5	******	.0	******	1.703	26	*****	.50	27

JANUARY 1992 SUMMARY FOR SOUTHEAST DIVISION (CD9)

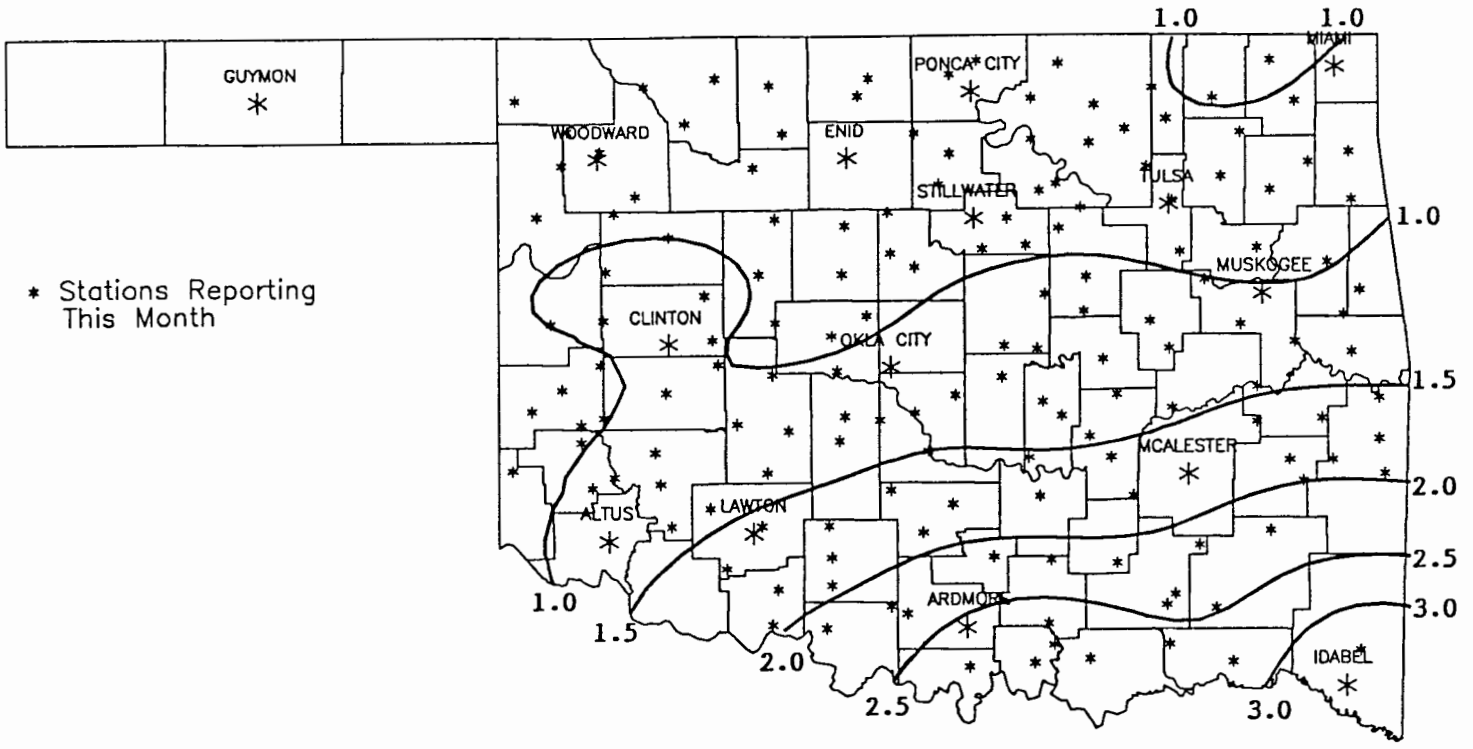
NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ANTLERS	256	9	42.5	31	2.3	68.	31	12.	16	696.0	-73.0	.0	.0	1.490	31	-.55	.72	13
BATTIEST 1 SSW	567	9	40.1	31	*****	65.	31	8.	16	771.0	******	.0	******	3.211	30	*****	.70	14
BEAR MT TWR	584	9	43.0	31	1.5	66.	31	12.	17	683.0	-46.0	.0	.0	2.840	27	*****	.64	22
BENGAL	670	9	*****	0	*****	****	0	****	0	******	******	******	******	2.260	31	*****	1.18	14
BOSWELL 4 NNW	980	9	44.0	31	3.6	69.	31	11.	16	652.5	-110.5	.0	.0	2.556	31	.52	.96	18
BROKEN BOW 1 N	1162	9	*****	0	*****	****	0	****	0	******	******	******	******	4.660	31	2.10	1.47	8
BROKEN BOW DAM	1168	9	42.2	31	2.9	69.	26	12.	17	707.5	-89.5	.0	.0	4.942	31	2.06	1.96	8
CARNASAW TWR	1499	9	*****	0	*****	****	0	****	0	******	******	******	******	4.210	31	1.39	1.43	8
CARTER TWR	1544	9	*****	0	*****	****	0	****	0	******	******	******	******	2.500	31	-.09	.63	18
FANSHAWE	3065	9	*****	0	*****	****	0	****	0	******	******	******	******	1.040	31	-1.14	.31	1
FLAGPOLE TWR	3169	9	*****	0	*****	****	0	****	0	******	******	******	******	2.040	31	*****	.54	14
HEAVENER 1 SE	4008	9	*****	0	*****	****	0	****	0	******	******	******	******	2.290	31	.13	1.26	14
HEE MT TWR	4017	9	*****	0	*****	****	0	****	0	******	******	******	******	2.970	31	.28	.62	14
HUGO	4384	9	44.4	31	2.5	68.	31	13.	16	637.5	-78.5	.0	.0	2.792	31	.63	.63	22
IDABEL	4451	9	43.0	31	3.1	66.	31	11.	16	681.0	-97.0	.0	.0	3.811	31	1.09	.85	8
POTEAU W W	7254	9	40.9	31	*****	67.	31	12.	15	748.0	******	.0	******	1.604	31	*****	1.15	13
SMITHVILLE 1 W	8285	9	37.5	31	-1.2	63.	31	6.	16	851.5	36.5	.0	.0	2.358	31	-.62	.60	22
SPIRO	8416	9	*****	0	*****	****	0	****	0	******	******	******	******	1.710	31	-.37	1.14	14
TUSKAHOMA	9023	9	42.5	31	2.2	69.	31	9.	16	697.5	-68.5	.0	.0	2.742	31	.72	1.20	14
VALLIANT 3 W	9118	9	*****	0	*****	****	0	****	0	******	******	******	******	2.412	31	.10	.60	22
WILBURTON 9 ENE	9634	9	42.0	31	3.6	67.	31	7.	16	712.5	-112.5	.0	.0	2.054	31	-.19	1.50	13

JANUARY 1992 CLIMATE DIVISION SUMMARY

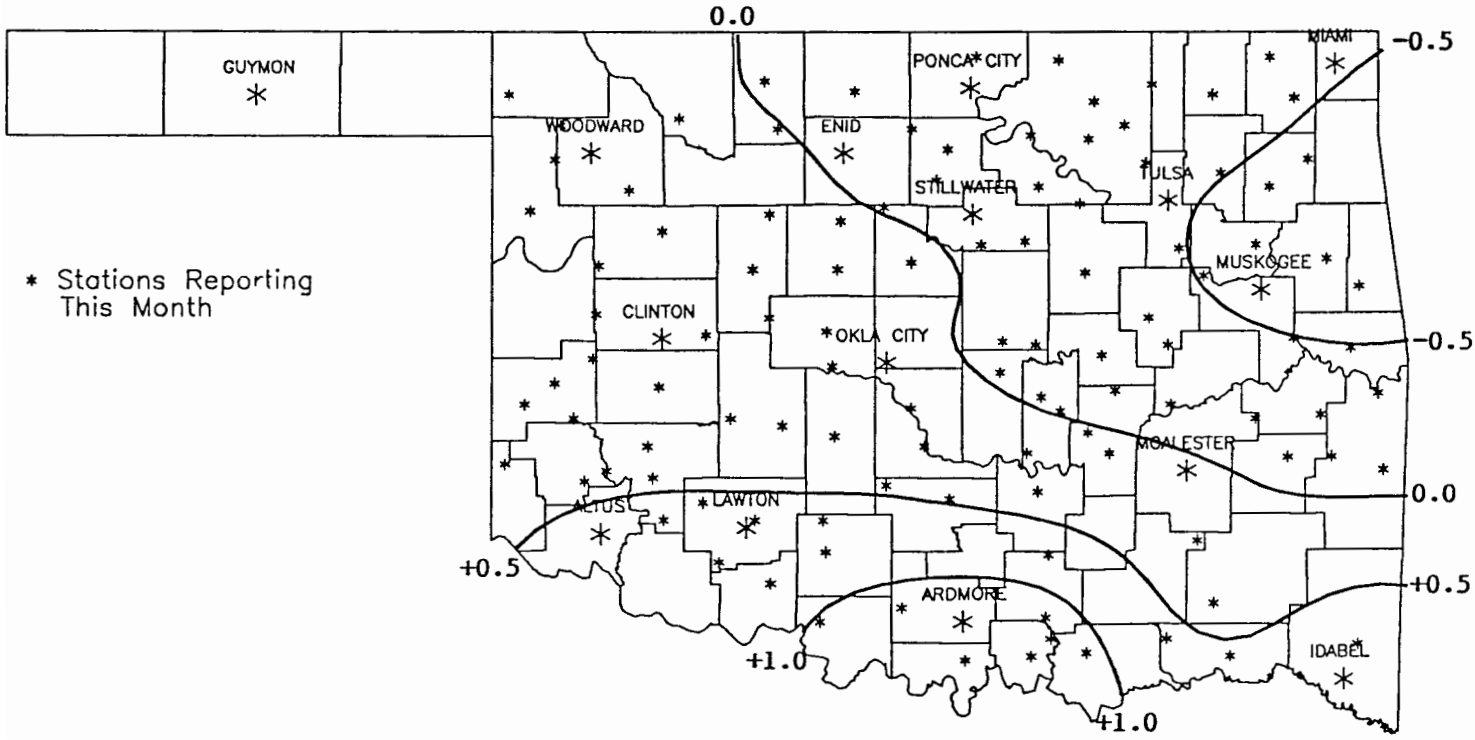
CLIMATE DIV	MEAN TEMP	NUM STA	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEGREE DAYS	DEV FROM NORM	COOL DEGREE DAYS	DEV FROM NORM	TOT PPT	NUM STA	DEV FROM NORM	MAX 24-HR	DAY
1	38.3	11	5.3	75.0	31	8.0	15	828.1	-164.6	.0	.0	.54	13	.13	.55	1
2	40.6	14	7.1	73.0	31	10.0	16	755.2	-219.6	.0	.0	.65	23	-.13	.80	27
3	40.7	17	6.3	69.0	31	8.0	16	750.0	-199.5	.0	.0	.92	31	-.53	.88	22
4	41.4	9	6.0	73.0	31	10.0	16	727.8	-188.7	.0	.0	1.00	20	.31	.82	27
5	42.1	15	5.5	72.0	31	10.0	16	706.5	-172.1	.0	.0	1.09	34	-.13	.79	13
6	41.8	12	4.5	68.0	25	7.0	16	716.7	-142.7	.0	.0	1.28	28	-.52	1.27	22
7	42.0	11	4.4	71.0	31	8.0	16	706.5	-141.7	.0	.0	1.37	22	.45	.92	13
8	42.4	13	3.3	73.0	31	4.0	16	698.1	-104.7	.0	.0	2.10	29	.52	1.28	22
9	42.0	11	1.9	69.0	31	6.0	16	712.5	-60.6	.0	.0	2.65	19	.24	1.96	8



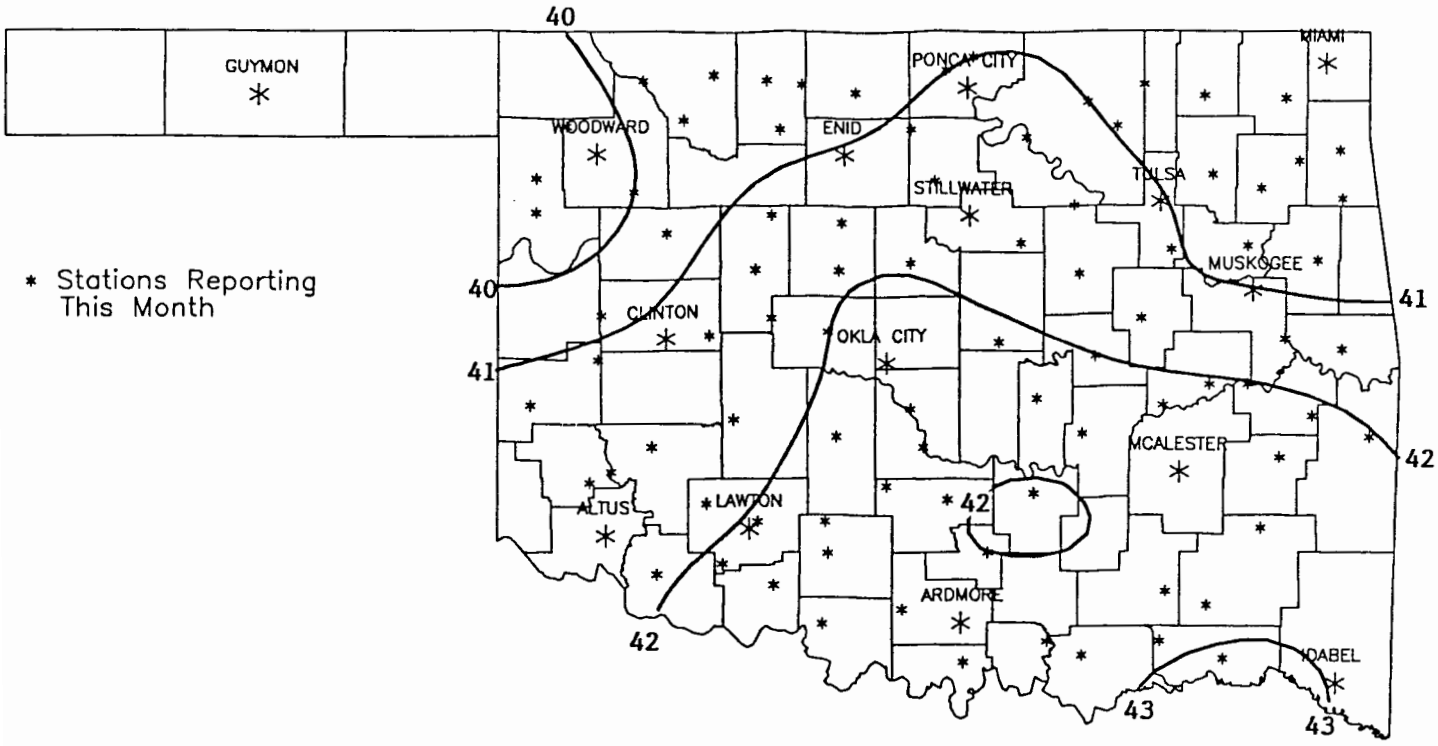
JANUARY 12-13, 1992 SNOWFALL



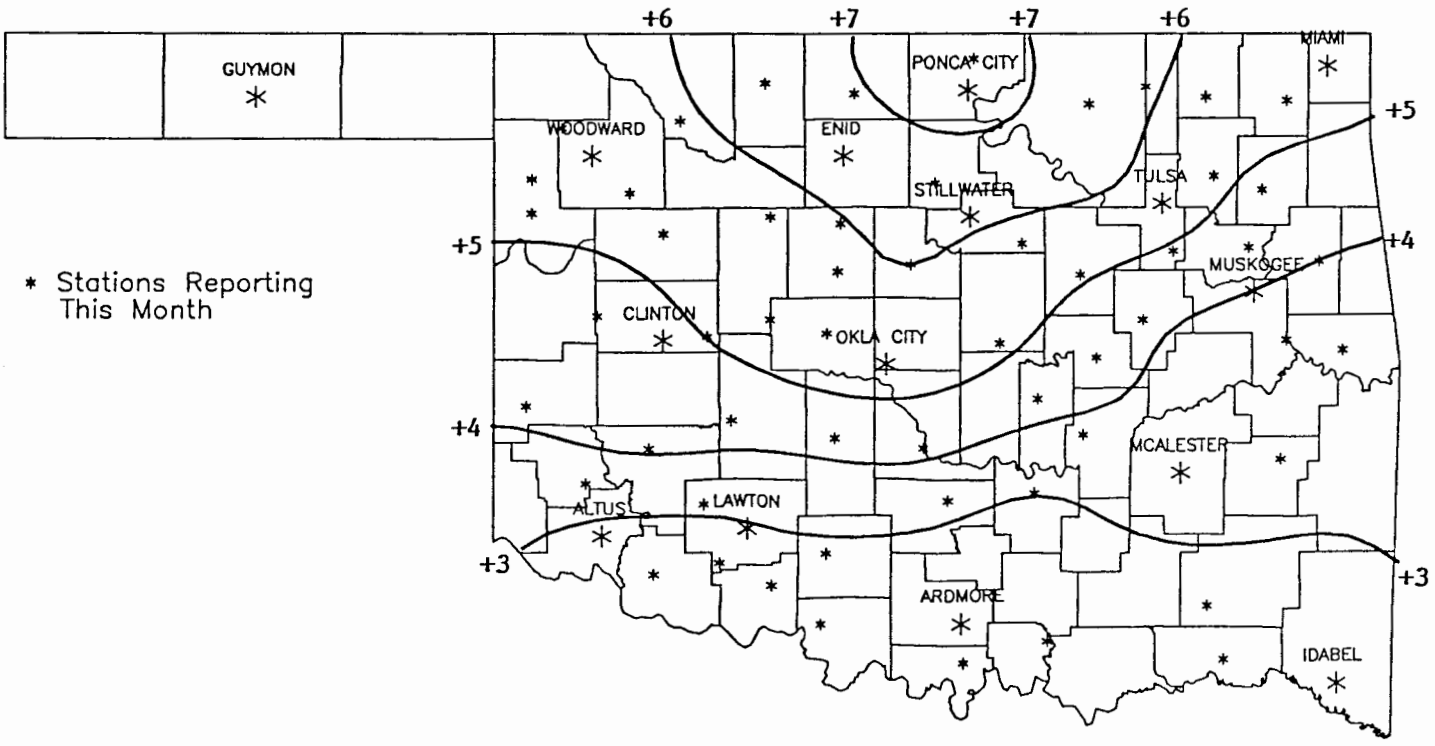
JANUARY 1992 TOTAL PRECIPITATION
(Inches)



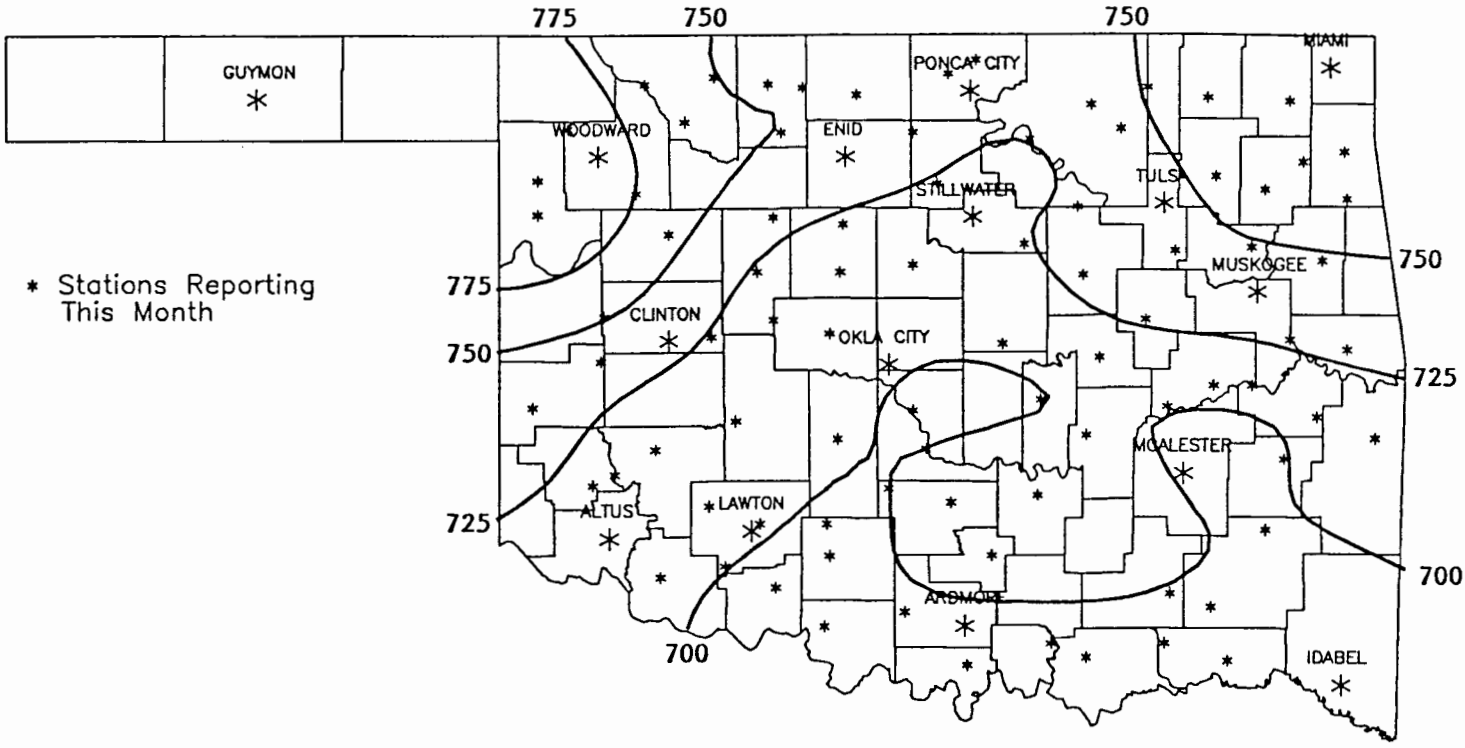
JANUARY 1992 DEVIATION FROM NORMAL PRECIPITATION
(Inches)



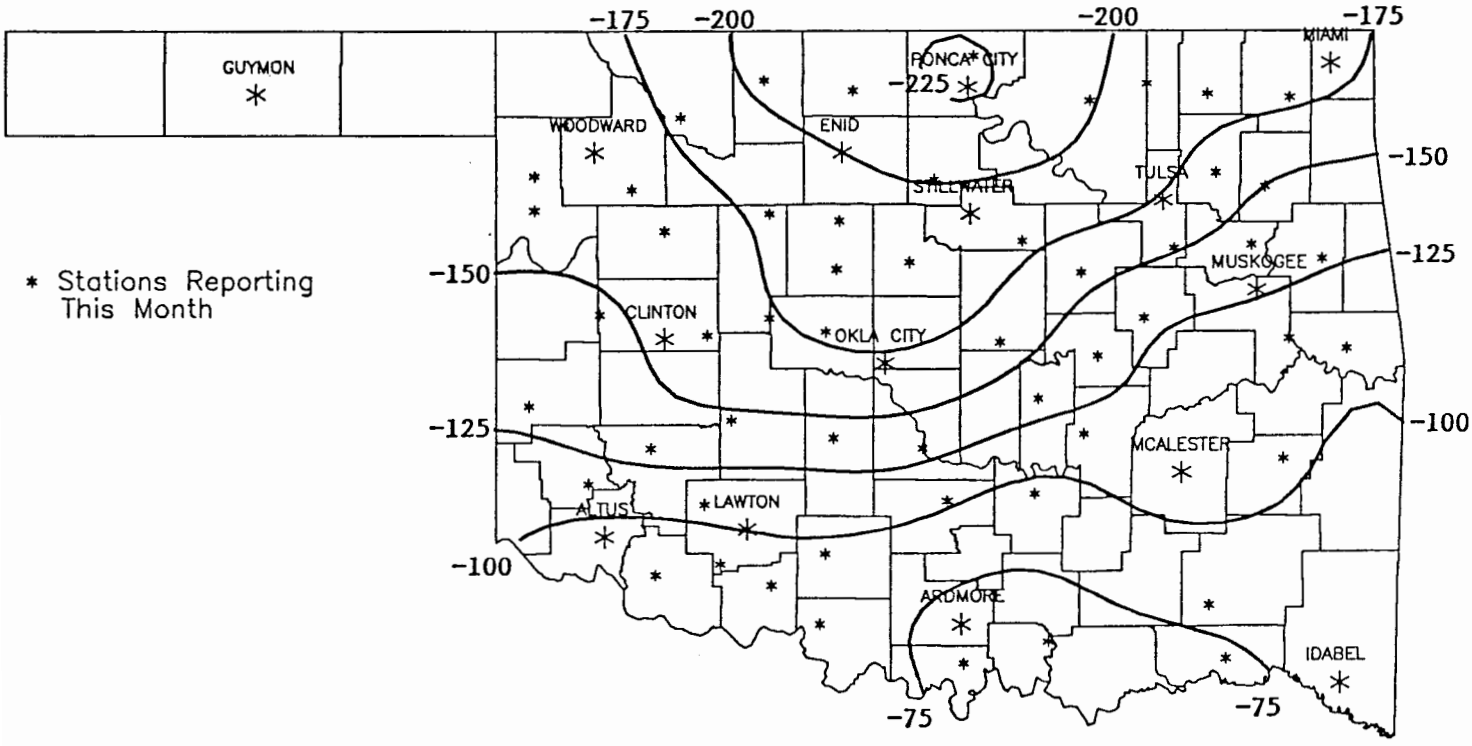
JANUARY 1992 AVERAGE MONTHLY TEMPERATURES
(Degrees F)



JANUARY 1992 DEVIATION FROM NORMAL TEMPERATURES
(Degrees F)

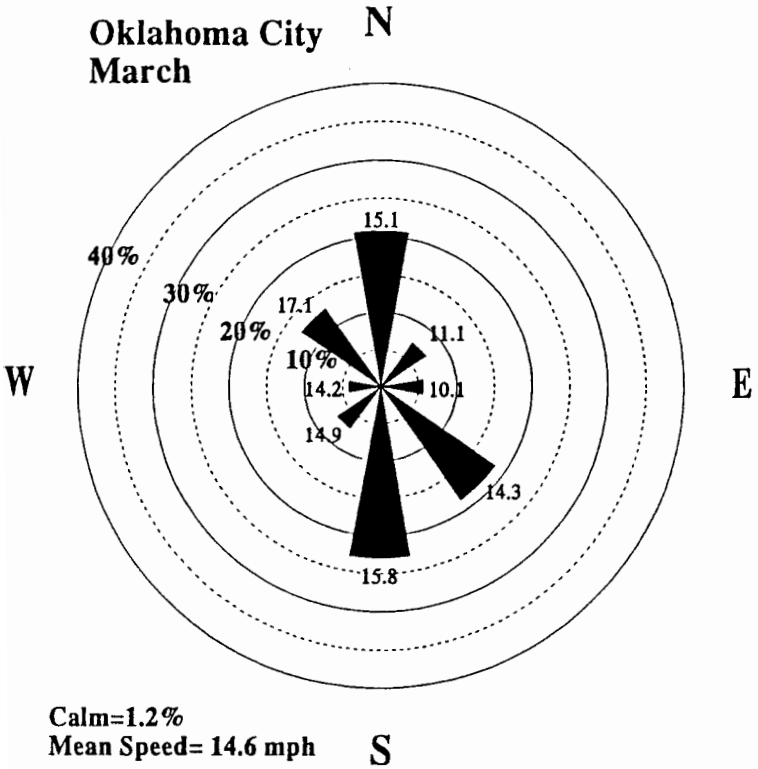


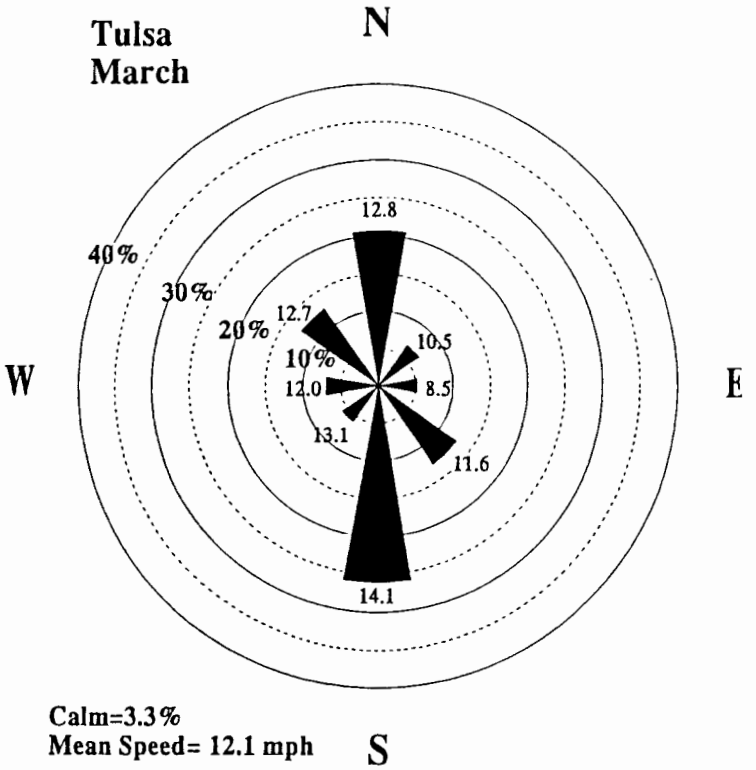
JANUARY 1992 HEATING DEGREE DAYS



JANUARY 1992 DEVIATION FROM NORMAL HEATING DEGREE DAYS

March wind roses for Oklahoma City and Tulsa. Percents represent the percentage of winds coming from a direction. The numbers at the end of the bars indicate the average speed (miles per hour) of winds from that direction.





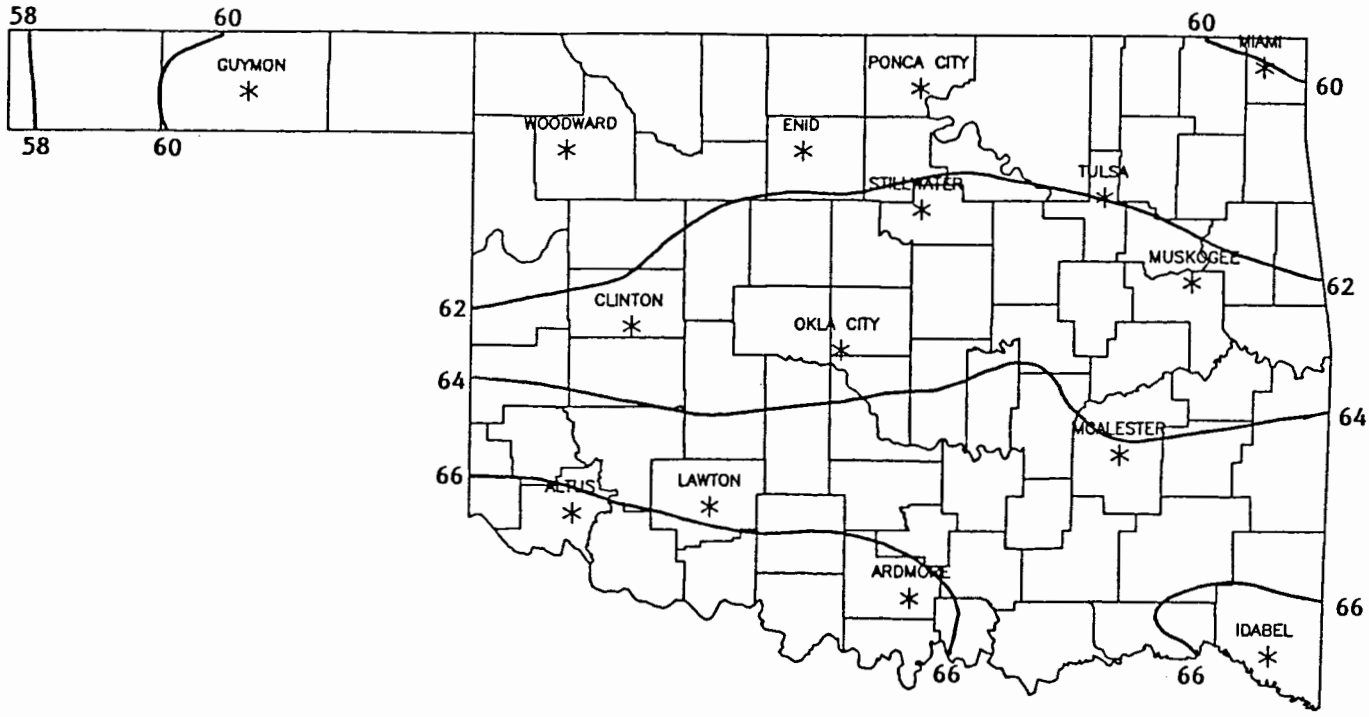
MARCH 1992 SUNRISE AND SUNSET

Oklahoma City

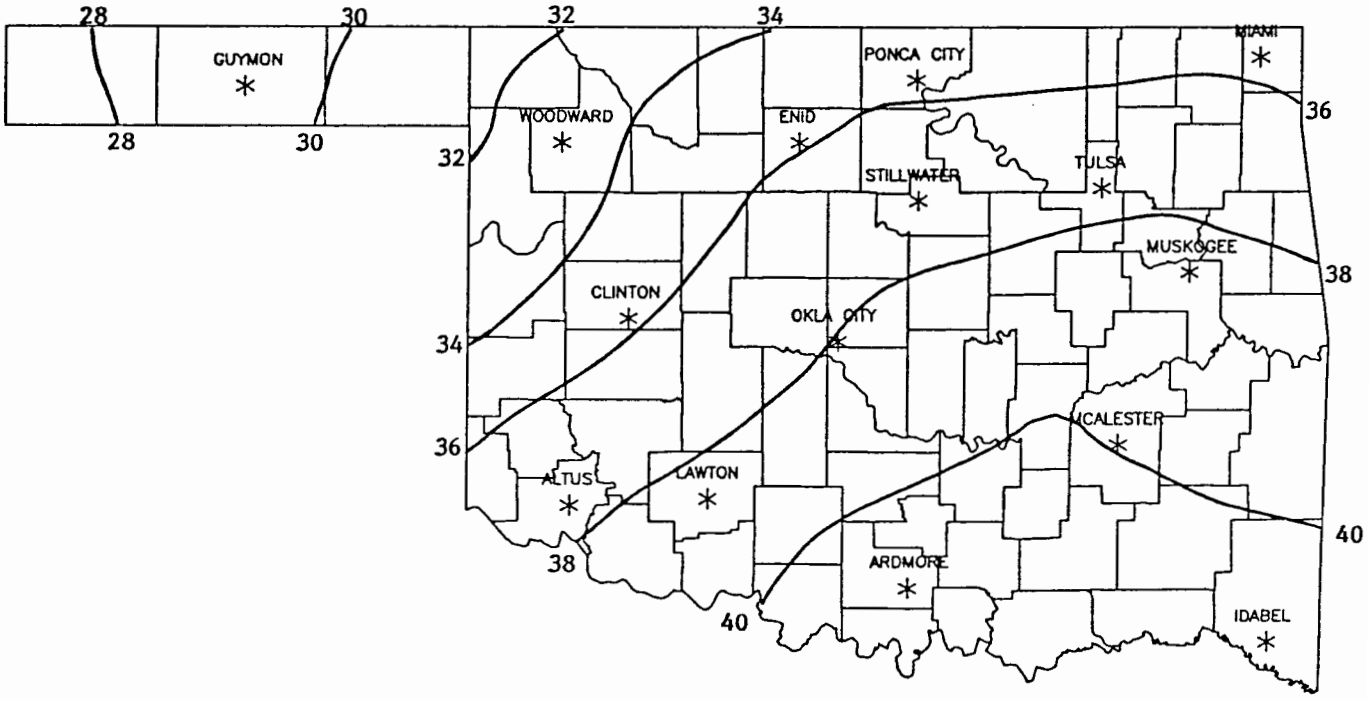
DATE	SUNRISE	SUNSET	DAYLIGHT
92 3 1	7: 0AM	6:26PM CST	11 hrs 25 mins
92 3 2	6:59AM	6:26PM CST	11 hrs 27 mins
92 3 3	6:58AM	6:27PM CST	11 hrs 29 mins
92 3 4	6:57AM	6:28PM CST	11 hrs 32 mins
92 3 5	6:55AM	6:29PM CST	11 hrs 34 mins
92 3 6	6:54AM	6:30PM CST	11 hrs 36 mins
92 3 7	6:53AM	6:31PM CST	11 hrs 38 mins
92 3 8	6:51AM	6:32PM CST	11 hrs 41 mins
92 3 9	6:50AM	6:33PM CST	11 hrs 43 mins
92 310	6:48AM	6:33PM CST	11 hrs 45 mins
92 311	6:47AM	6:34PM CST	11 hrs 47 mins
92 312	6:46AM	6:35PM CST	11 hrs 49 mins
92 313	6:44AM	6:36PM CST	11 hrs 52 mins
92 314	6:43AM	6:37PM CST	11 hrs 54 mins
92 315	6:41AM	6:38PM CST	11 hrs 56 mins
92 316	6:40AM	6:38PM CST	11 hrs 58 mins
92 317	6:39AM	6:39PM CST	12 hrs 1 mins
92 318	6:37AM	6:40PM CST	12 hrs 3 mins
92 319	6:36AM	6:41PM CST	12 hrs 5 mins
92 320	6:34AM	6:42PM CST	12 hrs 7 mins
92 321	6:33AM	6:43PM CST	12 hrs 10 mins
92 322	6:31AM	6:43PM CST	12 hrs 12 mins
92 323	6:30AM	6:44PM CST	12 hrs 14 mins
92 324	6:29AM	6:45PM CST	12 hrs 16 mins
92 325	6:27AM	6:46PM CST	12 hrs 19 mins
92 326	6:26AM	6:47PM CST	12 hrs 21 mins
92 327	6:24AM	6:47PM CST	12 hrs 23 mins
92 328	6:23AM	6:48PM CST	12 hrs 25 mins
92 329	6:21AM	6:49PM CST	12 hrs 28 mins
92 330	6:20AM	6:50PM CST	12 hrs 30 mins
92 331	6:19AM	6:51PM CST	12 hrs 32 mins

Tulsa

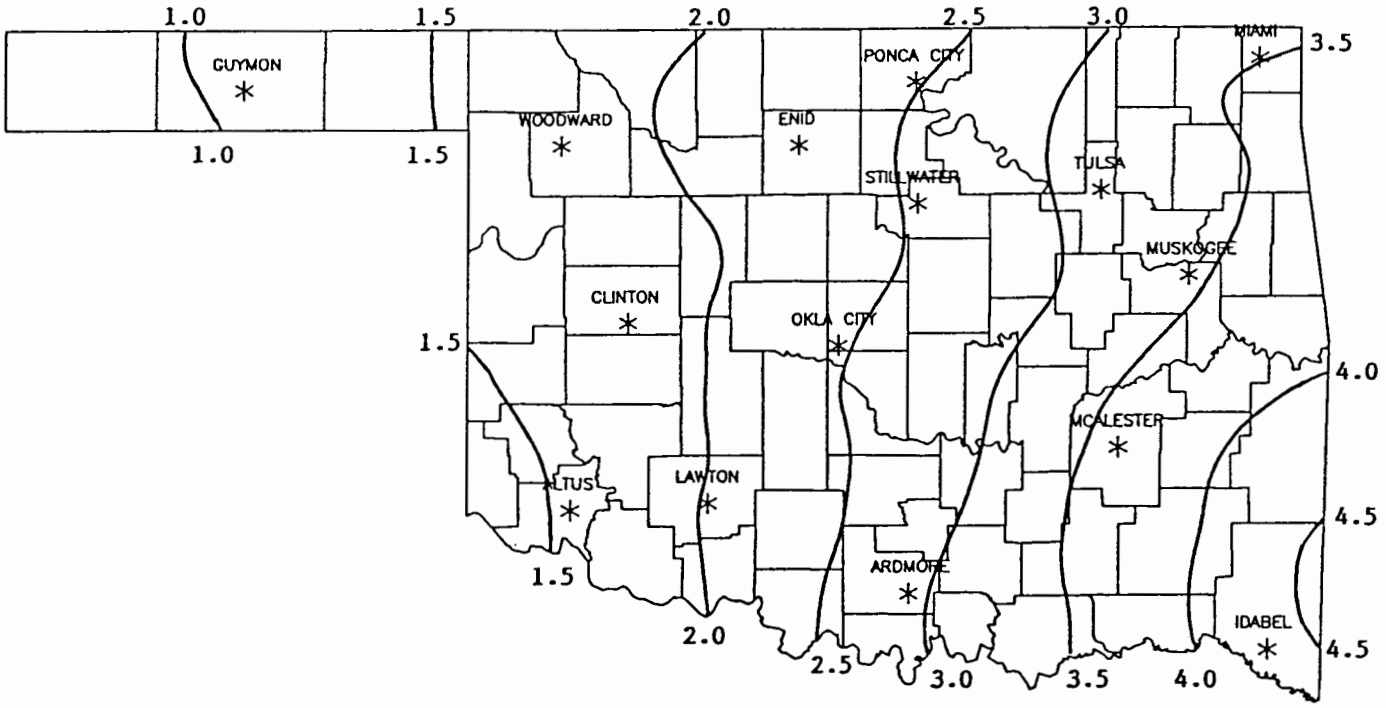
DATE	SUNRISE	SUNSET	DAYLIGHT
92 3 1	6:54AM	6:18PM CST	11 hrs 24 mins
92 3 2	6:53AM	6:19PM CST	11 hrs 26 mins
92 3 3	6:52AM	6:20PM CST	11 hrs 28 mins
92 3 4	6:50AM	6:21PM CST	11 hrs 31 mins
92 3 5	6:49AM	6:22PM CST	11 hrs 33 mins
92 3 6	6:48AM	6:23PM CST	11 hrs 35 mins
92 3 7	6:46AM	6:24PM CST	11 hrs 38 mins
92 3 8	6:45AM	6:25PM CST	11 hrs 40 mins
92 3 9	6:43AM	6:25PM CST	11 hrs 42 mins
92 310	6:42AM	6:26PM CST	11 hrs 44 mins
92 311	6:41AM	6:27PM CST	11 hrs 47 mins
92 312	6:39AM	6:28PM CST	11 hrs 49 mins
92 313	6:38AM	6:29PM CST	11 hrs 51 mins
92 314	6:36AM	6:30PM CST	11 hrs 54 mins
92 315	6:35AM	6:31PM CST	11 hrs 56 mins
92 316	6:33AM	6:32PM CST	11 hrs 58 mins
92 317	6:32AM	6:32PM CST	12 hrs 1 mins
92 318	6:30AM	6:33PM CST	12 hrs 3 mins
92 319	6:29AM	6:34PM CST	12 hrs 5 mins
92 320	6:28AM	6:35PM CST	12 hrs 7 mins
92 321	6:26AM	6:36PM CST	12 hrs 10 mins
92 322	6:25AM	6:37PM CST	12 hrs 12 mins
92 323	6:23AM	6:38PM CST	12 hrs 14 mins
92 324	6:22AM	6:38PM CST	12 hrs 17 mins
92 325	6:20AM	6:39PM CST	12 hrs 19 mins
92 326	6:19AM	6:40PM CST	12 hrs 21 mins
92 327	6:17AM	6:41PM CST	12 hrs 24 mins
92 328	6:16AM	6:42PM CST	12 hrs 26 mins
92 329	6:14AM	6:43PM CST	12 hrs 28 mins
92 330	6:13AM	6:43PM CST	12 hrs 31 mins
92 331	6:11AM	6:44PM CST	12 hrs 33 mins



MARCH 30-YEAR MEAN DAILY MAXIMUM TEMPERATURE



MARCH 30-YEAR MEAN DAILY MINIMUM TEMPERATURE



MARCH 30-YEAR MEAN MONTHLY PRECIPITATION

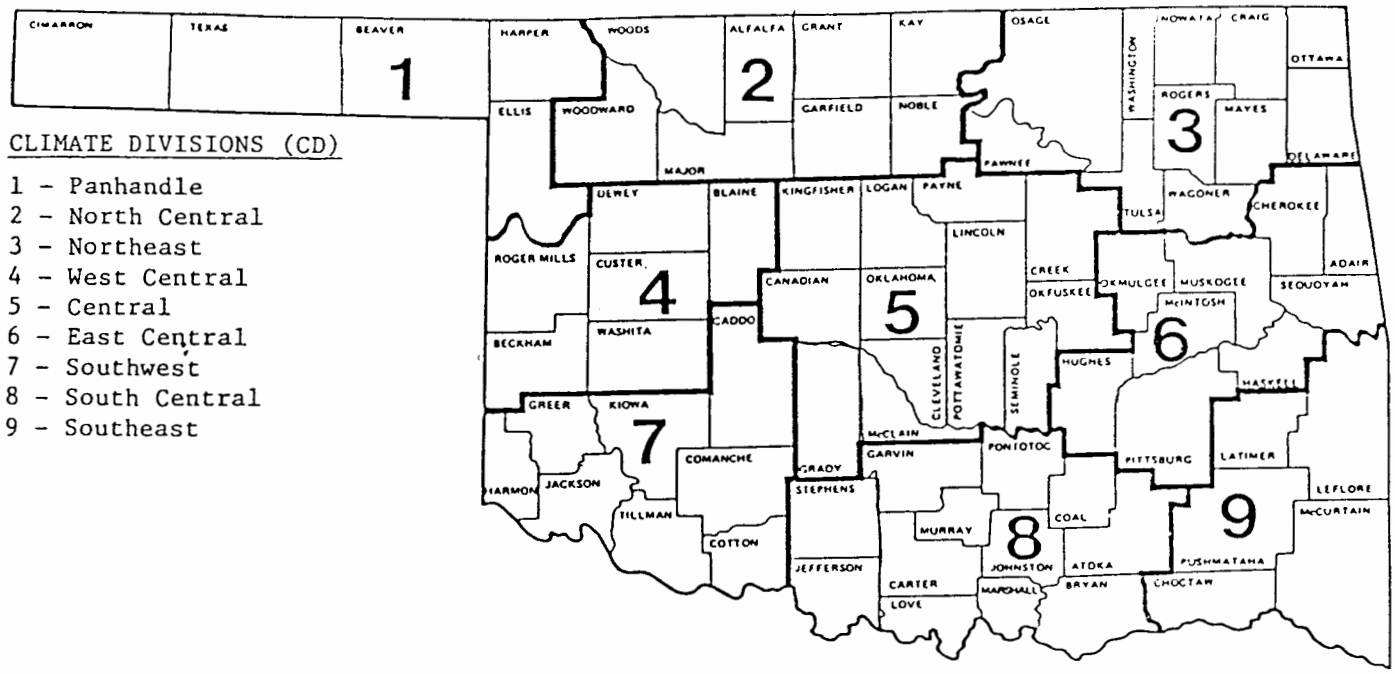
90-DAY NATIONAL WEATHER SERVICE OUTLOOK

(February - April 1992)

Precipitation - Near Normal Statewide

Temperature - Below Normal Statewide

O K L A H O M A



CLIMATE DIVISIONS (CD)

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

EXPLANATION OF TABLES

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

Station Name:

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

Climate Division: See the figure above.

Number of Temperature Observations: These are the actual number of temperature reports recorded at the station during the current month. Missing observations may result in artificially high or low mean monthly temperatures.

Deviation from Normal: The deviation of the observed mean monthly temperature from the monthly station normal. A positive value indicates the month was warmer than normal. A negative value indicates the month was cooler than normal. Normal monthly temperatures may be calculated by subtracting the deviation from the observed temperature.

Maximum Daily Maximum: The maximum daily maximum temperature observed during the current month and year and the day which it occurred.

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

Heating Degree Days: HDD are calculated each day of the month for which there is a temperature report and summed. They are a qualitative measure of how much heat was required to maintain a comfortable indoor temperature. Missing observations may result in an artificially high or low value. For February 1984 HDD would be calculated as:

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

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

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

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

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

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

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

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

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

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

OKLAHOMA CITY CLIMATE CALENDAR

March 1992

The data on this calendar are for Oklahoma City. Normal values are calculated for the period 1961-1990. Extremes are found for the period of record (1891-present).

Normal 1	Actual	Normal 2	Actual	Normal 3	Actual	Normal 4	Actual	Normal 5	Actual	Normal 6	Actual	Normal 7	Actual
59.0 max		59.0 max		57.0 max		55.0 max		55.0 max		59.0 max		58.0 max	
34.0 min		36.0 min		35.0 min		32.0 min		33.0 min		34.0 min		35.0 min	
.100 ppt		.110 ppt		.120 ppt		.040 ppt		.030 ppt		.060 ppt		.050 ppt	
19 hdd		18 hdd		19 hdd		22 hdd		21 hdd		19 hdd		19 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max	85-1976	Highest Max	88-1904	Highest Max	84-1955	Highest Max	84-1938	Highest Max	91-1991	Highest Max	83-1974	Highest Max	83-1925
Lowest Max	20-1980	Lowest Max	23-1943	Lowest Max	18-1960	Lowest Max	18-1960	Lowest Max	24-1920	Lowest Max	21-1943	Lowest Max	22-1932
Lowest Min	4-1913	Lowest Min	6-1922	Lowest Min	3-1960	Lowest Min	8-1960	Lowest Min	10-1960	Lowest Min	8-1943	Lowest Min	7-1920
Highest Min	56-1940	Highest Min	62-1976	Highest Min	59-1955	Highest Min	60-1938	Highest Min	59-1921	Highest Min	58-1911	Highest Min	61-1974
Greatest Ppt	1.71-1948	Greatest Ppt	2.04-1988	Greatest Ppt	1.46-1985	Greatest Ppt	.67-1933	Greatest Ppt	2.13-1894	Greatest Ppt	1.45-1973	Greatest Ppt	1.33-1905

Normal 8	Actual	Normal 9	Actual	Normal 10	Actual	Normal 11	Actual	Normal 12	Actual	Normal 13	Actual	Normal 14	Actual
57.0 max		60.0 max		62.0 max		60.0 max		59.0 max		60.0 max		63.0 max	
35.0 min		37.0 min		38.0 min		38.0 min		37.0 min		37.0 min		37.0 min	
.110 ppt		.050 ppt		.140 ppt		.130 ppt		.040 ppt		.020 ppt		.070 ppt	
19 hdd		17 hdd		15 hdd		16 hdd		17 hdd		17 hdd		16 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max	84-1911	Highest Max	89-1911	Highest Max	89-1955	Highest Max	93-1967	Highest Max	90-1967	Highest Max	90-1967	Highest Max	84-1938
Lowest Max	26-1932	Lowest Max	29-1932	Lowest Max	26-1932	Lowest Max	16-1948	Lowest Max	27-1950	Lowest Max	34-1924	Lowest Max	26-1895
Lowest Min	9-1967	Lowest Min	11-1932	Lowest Min	4-1948	Lowest Min	1-1948	Lowest Min	4-1948	Lowest Min	14-1950	Lowest Min	13-1895
Highest Min	60-1897	Highest Min	61-1986	Highest Min	61-1990	Highest Min	61-1911	Highest Min	59-1972	Highest Min	66-1918	Highest Min	56-1955
Greatest Ppt	1.38-1974	Greatest Ppt	.88-1913	Greatest Ppt	1.48-1974	Greatest Ppt	2.16-1902	Greatest Ppt	1.30-1898	Greatest Ppt	1.39-1922	Greatest Ppt	1.04-1990

Normal 15	Actual	Normal 16	Actual	Normal 17	Actual	Normal 18	Actual	Normal 19	Actual	Normal 20	Actual	Normal 21	Actual
59.0 max		61.0 max		64.0 max		62.0 max		62.0 max		62.0 max		60.0 max	
38.0 min		38.0 min		38.0 min		39.0 min		39.0 min		38.0 min		37.0 min	
.020 ppt		.070 ppt		.070 ppt		.050 ppt		.070 ppt		.190 ppt		.040 ppt	
16 hdd		16 hdd		14 hdd		14 hdd		15 hdd		15 hdd		17 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max	84-1943	Highest Max	84-1908	Highest Max	91-1908	Highest Max	89-1907	Highest Max	97-1907	Highest Max	92-1907	Highest Max	95-1916
Lowest Max	28-1892	Lowest Max	28-1892	Lowest Max	24-1892	Lowest Max	30-1965	Lowest Max	26-1965	Lowest Max	33-1913	Lowest Max	29-1955
Lowest Min	13-1895	Lowest Min	18-1895	Lowest Min	11-1892	Lowest Min	9-1923	Lowest Min	10-1923	Lowest Min	12-1965	Lowest Min	16-1913
Highest Min	58-1919	Highest Min	56-1945	Highest Min	58-1921	Highest Min	62-1898	Highest Min	63-1921	Highest Min	64-1935	Highest Min	64-1907
Greatest Ppt	2.34-1944	Greatest Ppt	1.25-1987	Greatest Ppt	.85-1905	Greatest Ppt	.48-1968	Greatest Ppt	1.73-1903	Greatest Ppt	2.18-1985	Greatest Ppt	1.23-1921

Normal 22	Actual	Normal 23	Actual	Normal 24	Actual	Normal 25	Actual	Normal 26	Actual	Normal 27	Actual	Normal 28	Actual
64.0 max		63.0 max		61.0 max		61.0 max		63.0 max		65.0 max		66.0 max	
38.0 min		39.0 min		40.0 min		40.0 min		40.0 min		41.0 min		44.0 min	
.080 ppt		.190 ppt		.050 ppt		.100 ppt		.060 ppt		.100 ppt		.130 ppt	
14 hdd		14 hdd		15 hdd		15 hdd		14 hdd		12 hdd		11 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		1 cdd	
Highest Max	86-1951	Highest Max	88-1929	Highest Max	91-1929	Highest Max	88-1976	Highest Max	85-1972	Highest Max	90-1895	Highest Max	88-1928
Lowest Max	33-1913	Lowest Max	36-1974	Lowest Max	36-1965	Lowest Max	33-1964	Lowest Max	33-1937	Lowest Max	32-1899	Lowest Max	36-1931
Lowest Min	13-1955	Lowest Min	20-1898	Lowest Min	23-1965	Lowest Min	18-1955	Lowest Min	13-1955	Lowest Min	13-1913	Lowest Min	16-1931
Highest Min	63-1907	Highest Min	64-1907	Highest Min	64-1904	Highest Min	64-1907	Highest Min	67-1907	Highest Min	68-1907	Highest Min	62-1985
Greatest Ppt	1.37-1979	Greatest Ppt	2.35-1984	Greatest Ppt	1.82-1920	Greatest Ppt	1.65-1922	Greatest Ppt	2.02-1938	Greatest Ppt	2.09-1912	Greatest Ppt	2.84-1988

Normal 29	Actual	Normal 30	Actual	Normal 31	Actual
63.0 max		63.0 max		68.0 max	
42.0 min		42.0 min		44.0 min	
.050 ppt		.130 ppt		.050 ppt	
13 hdd		13 hdd		10 hdd	
1 cdd		0 cdd		1 cdd	
Highest Max	87-1895	Highest Max	88-1904	Highest Max	94-1940
Lowest Max	34-1987	Lowest Max	28-1926	Lowest Max	40-1901
Lowest Min	19-1894	Lowest Min	22-1987	Lowest Min	20-1926
Highest Min	65-1963	Highest Min	65-1895	Highest Min	62-1967
Greatest Ppt	.99-1897	Greatest Ppt	1.82-1963	Greatest Ppt	1.29-1988

MARCH AVERAGES

Temperature	:	49.4°F
Precipitation	:	2.52"
Heating Degree Days	:	492
Cooling Degree Days	:	3

TULSA CLIMATE CALENDAR

March 1992

The data on this calendar are for Tulsa. Normal values are calculated for the period 1948-1987. Temperature extremes are for the period 1905-1990; precipitation extremes are for the period 1948-1990.

Normal 1	Actual	Normal 2	Actual	Normal 3	Actual	Normal 4	Actual	Normal 5	Actual	Normal 6	Actual	Normal 7	Actual
58.0 max		58.0 max		58.0 max		56.0 max		56.0 max		59.0 max		58.0 max	
34.0 min		36.0 min		35.0 min		33.0 min		34.0 min		34.0 min		34.0 min	
.100 ppt		.060 ppt		.140 ppt		.160 ppt		.030 ppt		.070 ppt		.030 ppt	
19 hdd		18 hdd		18 hdd		20 hdd		20 hdd		18 hdd		19 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max	81-1967	Highest Max	84-1976	Highest Max	82-1955	Highest Max	83-1938	Highest Max	88-1991	Highest Max	87-1956	Highest Max	83-1925
Lowest Max	26-1980	Lowest Max	26-1950	Lowest Max	25-1960	Lowest Max	18-1960	Lowest Max	20-1960	Lowest Max	33-1960	Lowest Max	33-1957
Lowest Min	9-1962	Lowest Min	7-1943	Lowest Min	3-1943	Lowest Min	6-1960	Lowest Min	5-1960	Lowest Min	13-1943	Lowest Min	6-1920
Highest Min	53-1974	Highest Min	59-1970	Highest Min	64-1974	Highest Min	57-1983	Highest Min	60-1956	Highest Min	52-1990	Highest Min	56-1974
Greatest Ppt	1.53-1973	Greatest Ppt	2.06-1988	Greatest Ppt	1.45-1953	Greatest Ppt	1.37-1963	Greatest Ppt	.75-1989	Greatest Ppt	1.57-1973	Greatest Ppt	.57-1978

Normal 8	Actual	Normal 9	Actual	Normal 10	Actual	Normal 11	Actual	Normal 12	Actual	Normal 13	Actual	Normal 14	Actual
57.0 max		59.0 max		59.0 max		59.0 max		58.0 max		59.0 max		61.0 max	
35.0 min		36.0 min		37.0 min		39.0 min		37.0 min		37.0 min		37.0 min	
.100 ppt		.080 ppt		.160 ppt		.170 ppt		.070 ppt		.050 ppt		.070 ppt	
19 hdd		17 hdd		17 hdd		17 hdd		17 hdd		17 hdd		16 hdd	
0 cdd		0 cdd		0 cdd		1 cdd		1 cdd		0 cdd		0 cdd	
Highest Max	87-1925	Highest Max	88-1911	Highest Max	91-1955	Highest Max	94-1967	Highest Max	91-1967	Highest Max	92-1967	Highest Max	85-1977
Lowest Max	33-1960	Lowest Max	35-1964	Lowest Max	29-1948	Lowest Max	17-1948	Lowest Max	29-1950	Lowest Max	33-1975	Lowest Max	40-1969
Lowest Min	5-1967	Lowest Min	12-1932	Lowest Min	4-1948	Lowest Min	-1-1948	Lowest Min	-3-1948	Lowest Min	12-1948	Lowest Min	13-1975
Highest Min	63-1974	Highest Min	63-1990	Highest Min	60-1955	Highest Min	62-1967	Highest Min	63-1967	Highest Min	62-1990	Highest Min	54-1955
Greatest Ppt	1.53-1958	Greatest Ppt	.99-1964	Greatest Ppt	1.91-1974	Greatest Ppt	1.97-1990	Greatest Ppt	.67-1958	Greatest Ppt	.90-1953	Greatest Ppt	2.09-1990

Normal 15	Actual	Normal 16	Actual	Normal 17	Actual	Normal 18	Actual	Normal 19	Actual	Normal 20	Actual	Normal 21	Actual
60.0 max		62.0 max		63.0 max		63.0 max		62.0 max		61.0 max		60.0 max	
38.0 min		38.0 min		39.0 min		41.0 min		40.0 min		40.0 min		38.0 min	
.030 ppt		.060 ppt		.140 ppt		.090 ppt		.090 ppt		.180 ppt		.080 ppt	
16 hdd		15 hdd		14 hdd		13 hdd		14 hdd		15 hdd		16 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max	84-1921	Highest Max	86-1908	Highest Max	88-1916	Highest Max	99-1907	Highest Max	96-1907	Highest Max	92-1907	Highest Max	98-1916
Lowest Max	38-1960	Lowest Max	35-1960	Lowest Max	34-1970	Lowest Max	30-1965	Lowest Max	32-1965	Lowest Max	39-1983	Lowest Max	39-1974
Lowest Min	21-1970	Lowest Min	22-1962	Lowest Min	20-1906	Lowest Min	12-1923	Lowest Min	8-1923	Lowest Min	11-1965	Lowest Min	18-1974
Highest Min	57-1983	Highest Min	58-1982	Highest Min	55-1977	Highest Min	61-1979	Highest Min	58-1982	Highest Min	60-1991	Highest Min	63-1966
Greatest Ppt	.32-1981	Greatest Ppt	1.03-1970	Greatest Ppt	1.45-1977	Greatest Ppt	1.24-1979	Greatest Ppt	1.15-1968	Greatest Ppt	1.61-1962	Greatest Ppt	.95-1956

Normal 22	Actual	Normal 23	Actual	Normal 24	Actual	Normal 25	Actual	Normal 26	Actual	Normal 27	Actual	Normal 28	Actual
63.0 max		64.0 max		61.0 max		60.0 max		64.0 max		66.0 max		68.0 max	
38.0 min		40.0 min		41.0 min		41.0 min		41.0 min		42.0 min		44.0 min	
.050 ppt		.280 ppt		.120 ppt		.110 ppt		.080 ppt		.080 ppt		.090 ppt	
14 hdd		13 hdd		14 hdd		14 hdd		13 hdd		11 hdd		10 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		1 cdd	
Highest Max	91-1907	Highest Max	91-1907	Highest Max	91-1929	Highest Max	88-1910	Highest Max	87-1918	Highest Max	88-1956	Highest Max	90-1963
Lowest Max	40-1952	Lowest Max	33-1974	Lowest Max	30-1965	Lowest Max	28-1965	Lowest Max	34-1955	Lowest Max	41-1948	Lowest Max	46-1970
Lowest Min	15-1955	Lowest Min	21-1968	Lowest Min	19-1966	Lowest Min	18-1955	Lowest Min	14-1955	Lowest Min	13-1913	Lowest Min	17-1931
Highest Min	57-1991	Highest Min	59-1988	Highest Min	60-1967	Highest Min	59-1967	Highest Min	70-1991	Highest Min	59-1985	Highest Min	69-1985
Greatest Ppt	1.08-1948	Greatest Ppt	2.50-1969	Greatest Ppt	1.98-1973	Greatest Ppt	.79-1967	Greatest Ppt	1.07-1977	Greatest Ppt	1.86-1975	Greatest Ppt	1.65-1988

Normal 29	Actual	Normal 30	Actual	Normal 31	Actual
65.0 max		65.0 max		68.0 max	
43.0 min		43.0 min		44.0 min	
.080 ppt		.120 ppt		.090 ppt	
11 hdd		12 hdd		10 hdd	
1 cdd		1 cdd		1 cdd	
Highest Max	90-1967	Highest Max	86-1981	Highest Max	96-1974
Lowest Max	34-1987	Lowest Max	36-1954	Lowest Max	46-1984
Lowest Min	24-1944	Lowest Min	21-1964	Lowest Min	24-1926
Highest Min	67-1963	Highest Min	66-1967	Highest Min	62-1967
Greatest Ppt	1.19-1985	Greatest Ppt	1.78-1973	Greatest Ppt	1.21-1957

MARCH AVERAGES

Temperature	:	49.7°F
Precipitation	:	3.06"
Heating Degree Days	:	477
Cooling Degree Days	:	6