

OKLAHOMA MONTHLY SUMMARY APRIL 1992

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MONTHLY SUMMARY FOR APRIL 1992

Thunderstorms in Oklahoma during April 1992 produced some locally heavy precipitation, isolated instances of localized flooding and episodes of hail damage to the maturing wheat crop. The statewide average precipitation for the month, 3.13 inches, was very near the 30-year normal for the month. Temperatures during the month averaged a normal 60.7 degrees, ranging from a low of 19° F at Buffalo on the first day of the month to a high of 94 at the same location on the last day. The year-to-date is warm and dry with temperatures averaging 51.1 degrees (the eighth warmest first third of the year among 101 years of record) and precipitation averaging 7.44 inches (84 percent of normal).

Early morning temperatures in many areas of the state dipped below freezing early in the month with the last reported freezes of the season occurring on the 4th in northeastern Oklahoma. A weak cold front moved through the eastern part of the state on the 4th and 5th, producing scattered showers and holding maximum temperatures to the 50s in the east. An upper-level disturbance on the 9th touched off thunderstorms in northwestern Oklahoma which produced little rain, but spawned several small tornadoes and funnel clouds which generated minimal damage. However the tornado reports caused some consternation in the Woodward area, as they occurred on the 45th anniversary of the tornado (or tornadoes) that devastated that city in 1947.

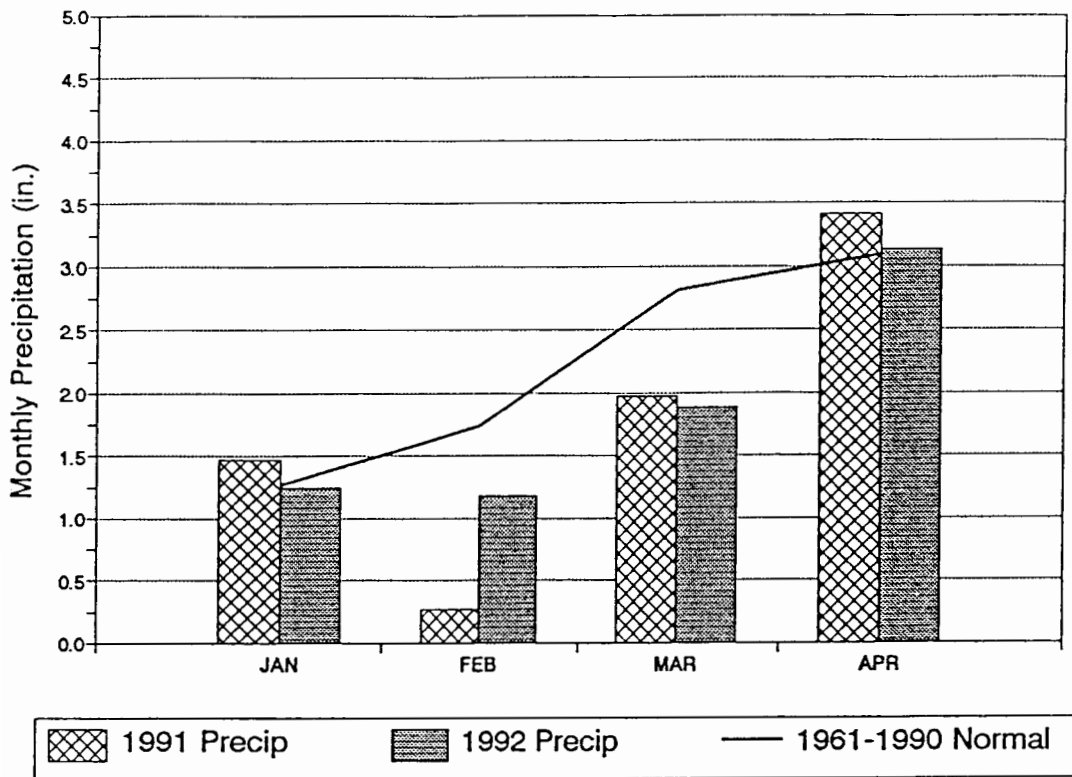
A strong cold front with a supporting circulation in the upper atmosphere entered the state on the 10th, triggering thunderstorms that, according to media reports, delivered baseball-sized hail at Broken Arrow and Loco on the 11th. Heavy rains in the Claremore area on the night of the 11th led to local flooding in parts of northeast Oklahoma. Claremore reported 6.56 inches of rain for the 24-hour period ending the morning of the 12th. Oneta and Loco also reported more than 3 inches of precipitation overnight. After the frontal passage, the weather remained cool in parts of western Oklahoma. Daily maximum temperatures in the 40s were reported at several locations on the 13th, the lowest being 47 degrees at Hammon and Canton Dam.

From the 16th through the 22nd a series of frontal systems and upper-level disturbances produced thunderstorms on an almost daily basis. Locally heavy rains on the 16th led to high water in creeks that took the lives of three children, two in Oklahoma City and one in Lawton. The agricultural research station east of Chickasha reported that 6.29 inches of rain fell on the 16th with 4.1 inches falling between 3:50 and 5:00 P.M. Two to three feet of water covered some streets in both Chickasha and Lawton that evening, leading to the evacuation of several families. Large hail was reported on that day and on several others, including the 18th when hail up to softball size was observed in Jackson County. Baseball-sized hail near Eldorado was accompanied by 80 mph winds. The hail and high winds caused substantial damage to the vulnerable wheat crop in parts of western Oklahoma. Reports of hail on the night of the 18th extended as far east as Hartshorne in Pittsburg County. Trousdale reported 2.92 inches of rain on the morning of the 19th and Spiro reported 3.58 inches on the 20th.

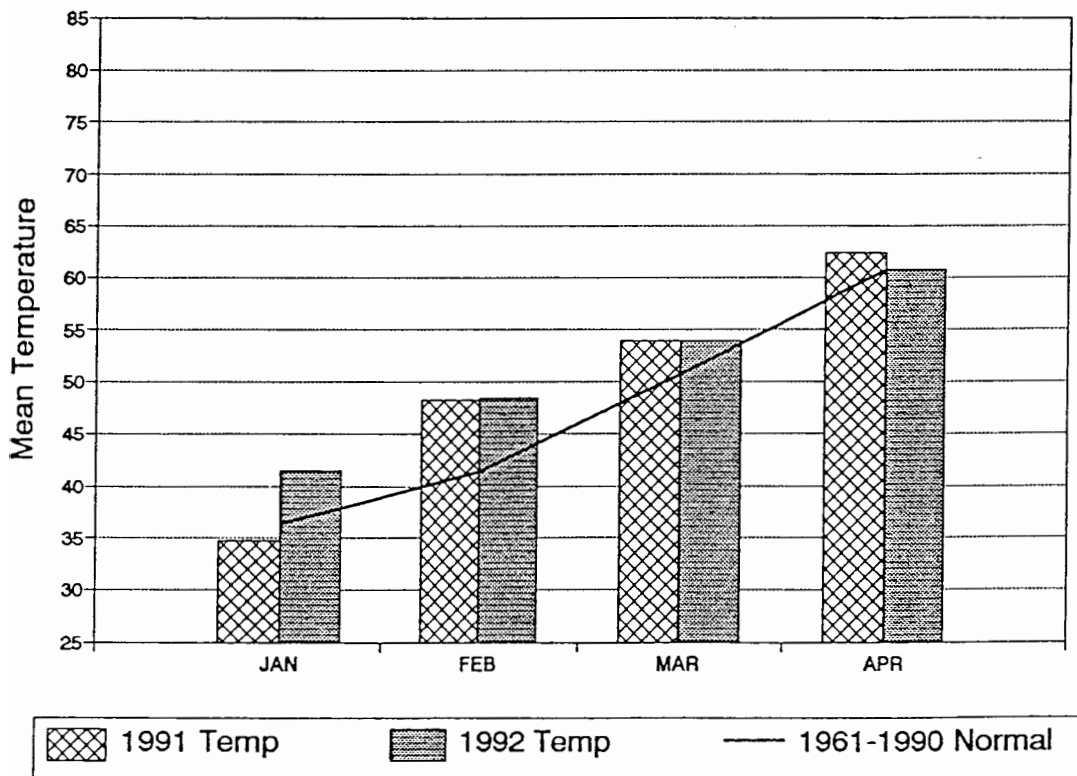
Widespread precipitation, again delivered by strong thunderstorms, returned to the state on the 27th and 28th. Two small tornadoes were reported near south of Granite in Greer County and west of Blair in Jackson County on the 28th. Large hail was reported in much of western, central and north central Oklahoma. Heavy rains in the eastern part of the state produced 3.28 inches of precipitation at Broken Bow in McCurtain County, 3.12 inches at Scipio and 2.87 inches at McAlester in Pittsburg County.

Cool weather prevailed across eastern Oklahoma for the remainder of the month, but in the west, daytime temperatures climbed into the upper 80s and low 90s from the 28th on to the end of the month. Buffalo reported highs of 92 on the 29th and 94 on the 30th. Guymon reached 89 on the 28th and 29th and 93 on the 30th. Gage and Reydon also recorded temperatures in the 90s on the last day of the month.

1991 and 1992 STATEWIDE PRECIPITATION January Through April Monthly Totals

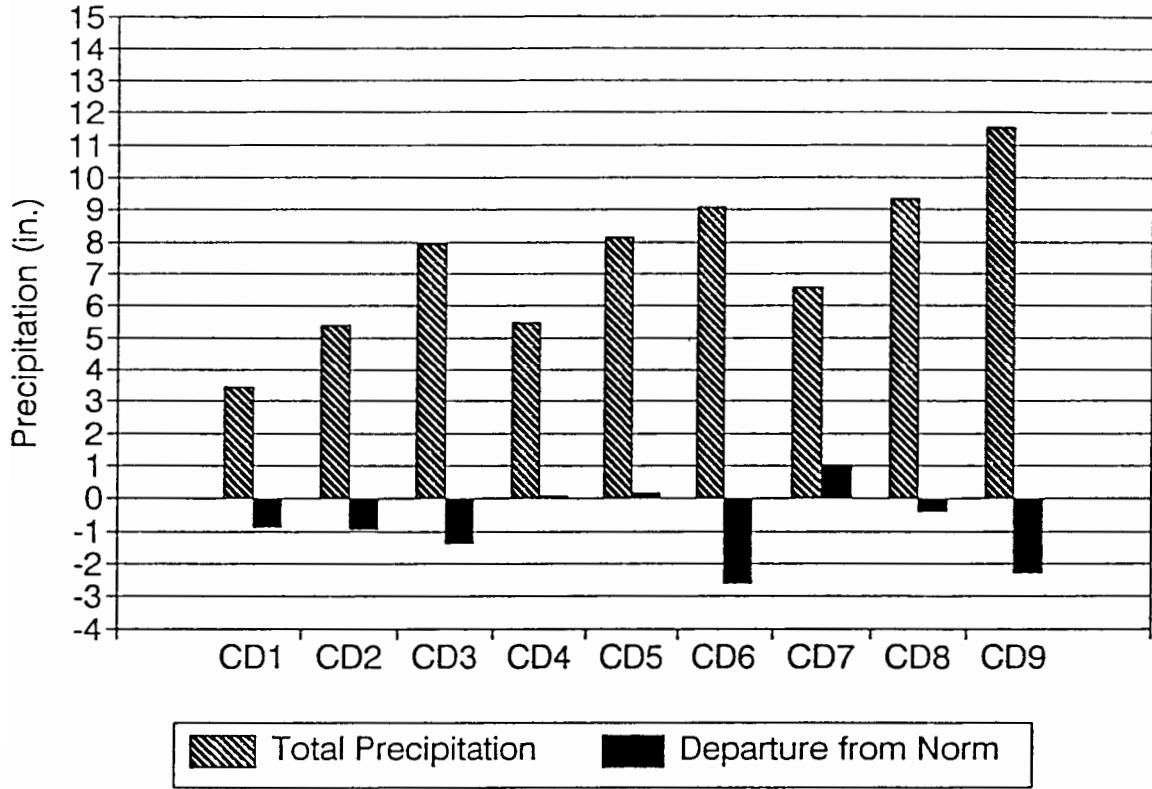


1991 and 1992 STATEWIDE TEMPERATURES January Through April Monthly Averages

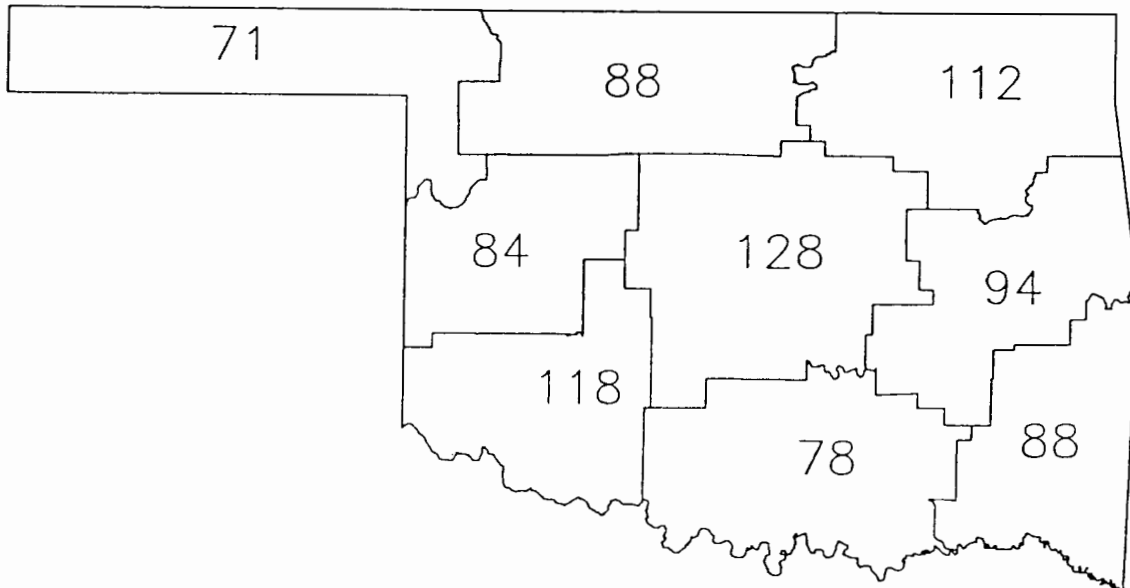


CD Averaged Precipitation

January Through April 1992



APRIL 1992 CLIMATE DIVISION PERCENT OF NORMAL PRECIPITATION



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

CD	MAX			MIN			24-HOUR			MONTHLY	
	TEMP	DATE	LOCATION	TEMP	DATE	LOCATION	PRECIP	DATE	LOCATION	PRECIP	LOCATION
1	94	30	BUFFALO	19	1	BUFFALO	1.30	16	BUFFALO	1.71	BUFFALO
				19	2	BUFFALO					
2	90	30	FREEDOM	25	3	WAYNOKA	1.99	19	RED ROCK	3.88	RED ROCK
3	89	9	UPR SPAVINAW	24	2	VINITA	6.56	12	CLAREMORE	9.61	CLAREMORE
4	91	30	REYDON	26	3	TALOGA	2.16	19	RETROP	3.18	RETROP
5	88	4	NORMAN	25	2	CHICKASHA	6.29	17	CHICKASHA	9.30	CHICKASHA
				25	2	STILLWATER					
6	88	10	LAKE EUFAULA	27	3	OKMULGEE	3.12	29	SCIPPIO	5.83	HARTSHORNE
				27	3	SALLISAW					
				27	3	WEBBERS FALLS					
7	90	30	HOLLIS	25	2	ANADARKO	3.35	15	FORT SILL	4.99	FORT SILL
8	88	15	MCGEE CREEK	26	2	PAULS VALLEY	3.16	12	LOCO	7.08	DAISY
	88	7	WAURIKA								
9	87	14	POTEAU	26	3	TUSKAHOMA	3.58	20	SPIRO	5.30	BENGAL
	87	14	TUSKAHOMA								

TABLE OF 1991/1992 COMPARISON

Station	April Temperature (F)		April Precipitation (in.)	
	1991	1992	1991	1992
Arnett	57.9	56.3	.28	1.59
Enid	61.3	58.7	2.06	2.63
Mutual	59.5	56.8	.57	1.88
Tulsa	64.2	62.2	2.55	5.03
Elk City	62.4	60.7	.98	1.49
Oklahoma City	63.1	61.3	2.10	3.64
McAlester	64.2	62.7	4.71	4.83
Atlas Irr Sta	65.1	62.8	3.31	2.36
Durant	63.5	62.0	5.20	2.43
Ada	61.5	61.6	1.64	5.15
Antlers	64.6	62.4	11.08	2.66

EXTREMES

Variable	Station	Division	Observation	Date
Minimum temperature (F)	Buffalo	1	19	2
Maximum temperature (F)	Buffalo	1	94	30
Maximum 24-hour precipitation	Claremore	3	6.56"	12

APRIL 1992 SUMMARY FOR NORTHWEST DIVISION (CD1)

NAME	ID	CD	DEV				HEAT		DEV		COOL		DEV		TOT	NUM	FROM	MAX	24-HR	DAY
			MEAN	NUM	FROM	MAX	DEG	DAY	DEG	FROM	DEG	DAY	DEG	FROM						
ARNETT	332	1	56.5	30	-.6	86.	30	29.	2	264.0	4.0	7.5	-15.5	1.592	30	-.19	.81	19		
BOISE CITY 2 E	908	1	57.4	30	2.2	90.	30	26.	3	237.5	-68.5	10.5	-1.5	1.012	30	-.17	.75	16		
BUFFALO	1243	1	60.2	30	.5	94.	30	19.	2	189.0	-19.0	45.0	-4.0	1.710	30	-.64	1.30	16		
FARGO	3070	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.210	30	-.80	.38	19		
GAGE FAA APT	3407	1	59.0	30	.3	91.	30	28.	3	208.5	-12.5	28.0	-4.0	1.153	30	-.72	.41	1		
GATE	3489	1	58.2	30	1.0	90.	30	28.	1	228.0	-36.0	23.0	-7.0	.621	30	-1.21	.29	1		
GOODWELL RES	ST3628	1	56.3	30	1.8	87.	30	27.	1	268.0	-59.0	7.0	-5.0	.682	30	-.55	.33	17		
GUYMON	3835	1	59.3	30	*****	93.	30	29.	3	205.5	*****	35.5	*****	.581	30	*****	.18	16		
HOOKER	4298	1	55.9	30	-.5	87.	30	26.	1	279.5	2.5	7.5	-11.5	.540	30	-.84	.23	15		
KENTON	4766	1	57.2	29	3.8	87.	14	29.	3	228.0	-128.0	2.0	-6.0	.930	30	-.28	.58	16		
LAVERNE	5045	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.452	30	-.17	.61	16		
OPTIMA LAKE	6740	1	57.1	30	*****	89.	30	27.	3	252.0	*****	16.0	*****	2.461	30	*****	1.65	16		
REGNIER	7534	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.372	31	-.72	.32	16		
TURPIN 4 SSE	9017	1	56.8	30	*****	87.	30	26.	3	257.0	*****	11.0	*****	.741	29	*****	.62	16		

APRIL 1992 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)

NAME	ID	CD	DEV				HEAT		DEV		COOL		DEV		TOT	NUM	FROM	MAX	24-HR	DAY
			MEAN	NUM	FROM	MAX	DEG	DAY	DEG	FROM	DEG	DAY	DEG	FROM						
ALVA	193	2	60.3	30	*****	90.	30	29.	3	171.5	*****	31.0	*****	3.280	30	*****	1.10	19		
VANCE AFB	302	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.751	30	*****	.85	19		
BILLINGS	755	2	56.2	30	-1.9	84.	15	27.	2	274.0	38.0	10.0	-19.0	3.172	30	.08	1.37	29		
BLACKWELL 2E	818	2	57.5	30	-1.2	83.	14	29.	3	243.0	25.0	18.5	-10.5	3.113	30	.14	1.32	29		
BRAMAN	1075	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.080	30	*****	.65	29		
CEDARDALE	1620	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.874	30	*****	.75	19		
CHEROKEE	1724	2	59.9	30	-.2	89.	30	29.	3	189.5	1.5	36.5	-4.5	1.860	30	-.52	.75	19		
ENID	2912	2	58.9	30	-1.6	84.	30	30.	2	199.5	22.5	16.0	-26.0	2.630	30	-.24	.85	19		
FT SUPPLY DAM	3304	2	57.4	30	.2	87.	30	28.	1	243.0	-19.0	16.0	-12.0	1.293	30	-.45	.34	1		
FREEDOM	3358	2	59.4	30	-.4	90.	30	26.	3	199.0	1.0	32.0	-10.0	2.190	30	.02	.62	16		
GREAT SALT PLNS	3740	2	57.4	30	-1.0	86.	15	28.	2	248.0	18.0	21.0	-11.0	1.820	30	-.84	.59	29		
HARDY	3909	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.045	28	*****	.95	18		
HELENA 1 SSE	4019	2	57.1	30	.0	84.	30	28.	2	255.0	-3.0	18.0	-3.0	3.310	30	.83	1.12	29		
JEFFERSON	4573	2	59.2	30	-.5	85.	30	27.	2	206.5	6.5	32.0	-9.0	2.511	30	-.25	1.29	28		
LAMONT	5013	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.281	30	*****	.98	29		
MEDFORD	5768	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.332	30	*****	1.19	28		
MORRISON	6065	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.071	30	*****	1.46	29		
MUTUAL	6139	2	56.9	30	-.2	85.	30	28.	3	255.5	-7.5	12.0	-14.0	1.880	30	-.55	.82	19		
NEWKIRK	6278	2	58.3	30	-1.3	84.	14	29.	3	237.5	36.5	35.5	-3.5	2.142	30	-.95	1.01	29		
ORIENTA	6751	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	.970	30	-1.64	.55	19		
PERRY	7012	2	61.7	30	.3	86.	16	29.	3	158.0	-3.0	57.5	4.5	2.163	30	-.54	.83	29		
PONCA CITY FAA	7201	2	60.3	30	1.2	87.	14	29.	3	192.0	-20.0	51.0	16.0	2.761	30	-.06	1.34	29		
RED ROCK 1 NNE	7505	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.880	30	1.12	1.99	19		
WAYNOKA	9404	2	58.8	30	-1.2	89.	30	25.	3	212.5	16.5	27.0	-19.0	3.230	30	1.14	1.30	19		
WOODWARD	9760	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.422	30	-.63	.64	19		

APRIL 1992 SUMMARY FOR NORTHEAST DIVISION (CD3)

NAME	ID	CD	DEV				HEAT				COOL				DEV			
			MEAN	NUM	FROM	MAX	MIN	DEG	FROM	DEG	FROM	DEG	TOT	NUM	FROM	MAX	24-HR	DAY
			TEMP	OBS	NORM	TEMP	DAY	TEMP	DAY	DAY	NORM	DAY	NORM	PPT	OBS	NORM	24-HR	DAY
BARNSDALL	535	3	59.9	30	-1.2	86.	9	26.	2	200.5	37.5	46.5	.5	4.091	30	.75	1.12	12
BARTLESVILLE 2W	548	3	60.4	30	-.9	88.	9	27.	2	188.0	27.0	49.5	-.5	4.383	30	.99	1.55	12
BIXBY	782	3	59.1	30	-.3	88.	10	27.	3	218.0	28.0	40.5	18.5	4.401	30	.87	1.30	12
BURBANK	1256	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.751	30	-1.01	.84	28
CHELSEA 4 S	1717	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.870	30	*****	1.30	20
CLAREMORE	1828	3	58.3	30	-.7	86.	10	27.	3	242.0	40.0	42.0	20.0	9.610	30	6.06	6.56	12
CLEVELAND 5 WSW	1902	3	62.4	27	*****	86.	14	29.	2	127.0	*****	57.0	*****	1.290	30	*****	.63	28
FORAKER	3250	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.280	30	-.84	.83	29
HOLLOW	4258	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.874	30	-.75	.97	20
HOMINY	4289	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.374	30	.30	1.24	12
HULAH DAM	4393	3	58.0	22	*****	88.	10	26.	2	179.0	*****	26.0	*****	4.020	30	.68	1.68	12
JAY TOWER	4567	3	57.4	30	*****	84.	15	28.	3	251.0	*****	22.0	*****	4.181	30	*****	1.32	17
KANSAS 1 ESE	4672	3	59.3	30	-1.2	83.	14	28.	2	200.0	29.0	29.5	-6.5	4.212	30	-.07	1.43	17
KEYSTONE DAM	4812	3	58.1	30	-1.8	86.	10	25.	2	242.0	52.0	35.0	-2.0	5.500	30	1.94	1.65	20
LENAPAH	5118	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.830	30	*****	2.02	12
MANNFORD 6 NW	5522	3	61.9	30	-.1	88.	10	26.	2	157.0	9.0	65.0	7.0	3.260	30	-.03	.74	29
MARAMEC	5540	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.290	30	-.76	.55	29
MIAMI	5855	3	58.1	30	-.6	86.	9	27.	3	227.5	19.5	19.5	.5	3.020	30	-1.01	1.54	19
NOWATA	6485	3	58.7	30	-1.6	86.	10	30.	2	223.0	38.0	33.0	-11.0	3.500	30	-.14	1.33	11
ONETA 1 WNW	6713	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	8.231	30	*****	3.24	12
PAWHUSKA	6935	3	60.3	30	-.3	85.	9	27.	2	190.0	14.0	50.5	6.5	3.901	30	.56	1.31	29
PAWNEE	6940	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.960	30	-.15	.92	12
PRYOR 6 N	7309	3	57.2	30	-1.6	84.	10	26.	2	264.0	51.0	29.0	2.0	3.332	30	-.58	1.03	20
RALSTON	7390	3	61.7	30	.8	87.	14	25.	2	165.0	-5.0	67.0	20.0	2.621	30	-.54	.70	29
RAMONA 4 N	7394	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.332	30	*****	1.35	29
SKIATOOK	8258	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.250	30	.80	1.35	20
SPAVINAW	8380	3	62.0	29	.4	84.	14	30.	3	156.5	6.5	69.0	21.0	4.342	29	*****	1.80	18
TULSA WSO APT	8992	3	62.2	30	.7	88.	9	33.	2	149.5	-1.5	65.5	19.5	5.033	30	1.31	1.66	12
UPPER SPAVINAW	9101	3	61.8	30	*****	89.	9	29.	2	152.5	*****	55.0	*****	2.743	30	*****	1.20	20
VINITA 2 N	9203	3	59.5	29	-.0	84.	9	24.	2	198.0	4.0	38.0	9.0	2.730	29	*****	1.02	20
WAGONER	9247	3	61.5	30	-.3	84.	14	29.	3	167.0	29.0	60.5	18.5	5.620	30	1.36	2.82	17
WANN	9298	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.770	30	*****	.67	29
WYONOA	9792	3	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.801	30	*****	.87	29

APRIL 1992 SUMMARY FOR WEST CENTRAL DIVISION (CD4)

NAME	ID	CD	DEV				HEAT				COOL				DEV			
			MEAN	NUM	FROM	MAX	MIN	DEG	FROM	DEG	FROM	DEG	TOT	NUM	FROM	MAX	24-HR	DAY
			TEMP	OBS	NORM	TEMP	DAY	TEMP	DAY	DAY	NORM	DAY	NORM	PPT	OBS	NORM	24-HR	DAY
CANTON DAM	1445	4	57.7	30	-.5	83.	15	28.	3	236.0	-1.0	18.0	-15.0	1.533	30	-.76	.63	19
CHEYENNE	1738	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.540	30	-.48	.75	19
CLINTON	1909	4	60.7	30	-.3	88.	30	30.	2	154.5	-16.5	26.0	-25.0	1.881	30	-.43	1.35	19
COLONY	2039	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.870	30	*****	.78	19
CORDELL	2125	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.861	30	.83	1.65	19
ELK CITY 1 E	2849	4	60.8	30	.5	86.	30	32.	2	146.5	-31.5	20.0	-17.0	1.495	30	-.56	.93	19
ERICK 4 E	2944	4	61.0	30	.8	90.	30	29.	3	150.5	-30.5	31.5	-5.5	1.413	30	-.63	.90	19
GEARY	3497	4	60.5	28	*****	84.	30	30.	2	153.0	*****	27.0	*****	1.210	28	*****	.84	19
HAMMON 1 NNE	3871	4	58.0	30	-.5	86.	30	27.	3	228.5	-1.5	18.0	-17.0	2.473	30	.51	1.97	19
LEEDEY	5090	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.500	30	-.74	.72	19
MACKIE 4 NNW	5463	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.080	30	*****	1.18	1
MORAVIA 2 NNE	6035	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.303	30	-.71	.60	19
OKEENE	6629	4	60.2	30	-.7	87.	30	29.	2	173.0	1.0	29.0	-20.0	1.620	30	-.76	.83	19
RETROP	7565	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.180	30	*****	2.16	19
REYDON	7579	4	63.0	30	3.9	91.	30	35.	3	116.0	-103.0	57.0	15.0	2.012	30	-.01	.98	1
SAYRE	7952	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.170	30	-.75	.56	19
SWEETWATER 2 E	8652	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.042	30	*****	.81	18
TALOGA	8708	4	58.3	30	-.8	87.	30	26.	3	213.5	4.5	13.0	-19.0	2.860	30	.50	.88	17
THOMAS	8815	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.870	30	*****	.90	19
VICI	9172	4	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.951	30	-.52	.81	19
WATONGA	9364	4	60.8	30	.8	87.	30	30.	3	162.0	-27.0	37.5	-1.5	2.454	30	.05	1.10	19
WEATHERFORD	9422	4	59.6	30	.9	85.	5	30.	2	185.0	-32.0	23.5	-4.5	2.595	30	.47	1.00	19

APRIL 1992 SUMMARY FOR CENTRAL DIVISION (CD5)

NAME	ID	CD	DEV				MIN		HEAT	DEV	COOL	DEV	TOT	NUM	DEV		MAX	DAY
			MEAN	NUM	FROM	MAX	DAY	TEMP	DAY	DEG	FROM	DEG			FROM	PPT		
AMBER	200	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.340	30	*****	1.52	17
ARCADIA	288	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.850	30	*****	.82	19
TINKER AFB	325	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.750	30	*****	1.49	19
BLANCHARD 2 SSW	830	5	62.6	30	.4	84.	4	28.	2	123.5	-17.5	52.5	-4.5	5.101	30	1.99	2.35	17
BRISTOW	1144	5	62.1	30	-.1	86.	9	27.	2	148.5	4.5	62.5	2.5	4.712	30	1.38	1.40	29
CHANDLER	1684	5	61.9	25	*****	85.	14	30.	2	118.5	*****	41.5	*****	2.481	26	*****	1.39	18
CHICKASHA EX	ST1750	5	61.3	30	-1.2	85.	30	25.	2	156.5	21.5	44.5	-15.5	9.300	30	6.55	6.29	17
COX CITY 1 E	2196	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.460	30	*****	1.65	17
CRESCENT	2242	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.470	30	*****	1.00	12
CUSHING	2318	5	59.8	30	-.3	85.	10	30.	2	192.0	12.0	36.0	3.0	2.950	30	-.36	1.26	19
EL RENO 1 N	2818	5	61.3	30	.7	83.	30	28.	2	151.5	-25.5	40.0	-5.0	2.570	30	.00	.83	19
GUTHRIE	3821	5	63.2	30	1.4	87.	4	30.	2	120.5	-31.5	66.0	10.0	3.542	30	.88	.89	12
HENNESSEY 2 SE	4055	5	59.6	29	-.6	83.	30	29.	2	181.0	-6.0	24.5	-18.5	2.960	30	.27	1.17	12
INGALLS	4489	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.811	30	*****	2.04	29
KINGFISHER 2 SE	4861	5	60.4	30	-.7	85.	30	28.	2	171.5	-2.5	33.5	-23.5	5.380	30	2.77	2.45	12
KONAWA	4915	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.682	30	.60	1.68	19
MARSHALL	5589	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	1.670	30	-.89	.68	12
MEEKER 4 W	5779	5	61.5	22	*****	83.	23	27.	2	119.0	*****	41.5	*****	3.750	29	*****	1.14	28
MULHALL	6110	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.611	30	*****	1.23	29
NORMAN 3 S	6386	5	62.6	30	.1	88.	4	27.	2	126.5	-1.5	54.5	1.5	2.682	30	-.55	1.52	17
OILTON 2 SE	6616	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.850	30	*****	.93	28
OKEMAH	6638	5	63.1	30	1.2	87.	9	33.	2	121.5	-15.5	64.5	20.5	5.281	30	1.36	2.33	29
OKLAHOMA CTY	WS6661	5	61.3	30	.9	84.	4	32.	2	157.5	-18.5	47.0	9.0	3.643	30	.87	1.02	19
PERKINS	7003	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.770	30	1.85	2.28	12
PIEDMONT	7068	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.770	30	*****	1.17	12
PRAGUE	7264	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.470	30	1.77	2.70	29
PURCELL 5 SW	7327	5	62.0	30	-.4	83.	24	26.	2	140.0	8.0	51.5	-2.5	4.390	30	.78	1.70	17
SEMINOLE	8042	5	63.7	30	.1	85.	15	29.	2	114.0	8.0	75.0	11.0	3.850	30	.03	1.02	20
SHAWNEE	8110	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.990	30	.01	1.05	12
STELLA	8479	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.150	30	*****	1.56	17
STILLWATER 2 W	8501	5	59.3	30	.0	87.	10	25.	2	207.0	3.0	37.0	4.0	3.532	30	.61	1.67	29
STROUD 1 N	8563	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.170	30	*****	1.47	29
TECUMSEH	8751	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.801	30	*****	1.63	19
TROUSDALE	8960	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.820	30	*****	2.92	19
UNION CITY 1 SE	9086	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	2.252	30	-.61	1.04	17
WELY 1 SSE	9479	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.601	30	*****	1.48	29
WEWOKA	9575	5	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.721	30	.01	1.25	29

APRIL 1992 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

NAME	ID	CD	DEV					HEAT		DEV		COOL		DEV		TOT		DEV	
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN DAY	DEG DAY	DEG FROM	DEG FROM	DEG FROM	DEG FROM	PPT	NUM OBS	FROM NORM	MAX 24-HR	DAY		
ASHLAND	364	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	*****	4.280	30	*****	1.35	29
BEGGS	631	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	*****	5.340	30	*****	2.05	12
BOYNTON	1027	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	*****	4.602	30	*****	1.26	29
CALVIN	1391	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	*****	3.723	30	-.48	1.61	29
CHECOTAH	1711	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	*****	4.091	30	-.03	1.27	29
CLAYTON 15 WNW	1858	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	*****	7.620	30	*****	2.86	29
DEWAR 2 NE	2485	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	*****	4.700	30	.68	1.28	13
DUSTIN	2690	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	*****	4.620	30	*****	2.77	29
EUFULA	2993	6	63.0	30	-.3	85.	14	32.	3	130.0	14.0	68.5	3.5	4.560	30	.46	1.32	19	
HANNA	3884	6	62.3	30	-.1	85.	11	28.	2	143.5	17.5	61.5	13.5	5.570	30	1.48	2.06	29	
HARTSHORNE	3946	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	5.830	30	*****	1.76	29	
HASKELL	3956	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	5.510	30	1.86	1.60	12	
HOLDENVILLE	4235	6	62.3	30	.2	84.	9	28.	3	137.0	8.0	55.5	13.5	3.980	30	-.01	1.61	29	
LAKE EUFAULA	4975	6	61.3	30	*****	88.	10	33.	2	175.5	*****	64.0	*****	5.811	30	*****	1.36	19	
LYONS 2 N	5437	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	2.211	30	-2.56	.86	20	
MARBLE CITY	5546	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	1.831	30	*****	.55	29	
MCALESTER FAA	5664	6	62.7	30	.8	85.	14	29.	3	141.0	-1.0	70.5	21.5	4.834	30	.73	2.87	29	
MCCURTAIN 1 SE	5693	6	63.3	30	.3	87.	14	29.	2	137.5	23.5	86.5	32.5	4.351	30	-.19	1.62	20	
MUSKOGEE	6130	6	62.1	30	.1	85.	10	29.	3	152.0	20.0	65.5	23.5	4.040	30	-.04	1.12	17	
OKMULGEE W W	6670	6	59.1	28	*****	87.	10	27.	3	202.5	*****	36.0	*****	4.241	28	*****	1.38	29	
OKTAHA 2 NE	6678	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.660	30	*****	1.22	29	
QUINTON	7372	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.022	30	-.05	1.35	29	
SALLISAW 2 NE	7862	6	61.6	30	-.7	85.	14	27.	3	148.5	17.5	45.5	-4.5	3.200	30	-1.19	1.35	20	
SCIPIO	7979	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	5.680	30	*****	3.12	29	
SCRAPER	7993	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.170	30	*****	1.03	20	
SHORT	8170	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	2.702	30	*****	1.52	20	
STILWELL 1 NE	8506	6	60.3	30	-.0	84.	14	26.	3	191.5	16.5	49.0	15.0	2.680	30	-1.82	.65	20	
TAHLEQUAH	8677	6	61.8	30	.8	86.	14	28.	3	159.5	-2.5	65.0	20.0	4.150	30	-.01	1.25	20	
WEBBERS FALLS	9445	6	59.7	30	-.6	87.	15	27.	3	214.5	40.5	54.5	21.5	4.090	30	-.11	1.28	29	
WESTVILLE	9523	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	3.090	30	*****	.80	20	
WETUMKA 3 NE	9571	6	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.932	30	.69	1.98	29	

APRIL 1992 SUMMARY FOR SOUTHWEST DIVISION (CD7)

NAME	ID	CD	DEV					HEAT		DEV		COOL		DEV		TOT		DEV	
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN DAY	DEG DAY	DEG FROM	DEG FROM	DEG FROM	DEG FROM	PPT	NUM OBS	FROM NORM	MAX 24-HR	DAY		
ALTUS IRR STA	179	7	62.8	30	-.5	88.	30	32.	3	114.5	-8.5	48.0	-24.0	2.360	30	.44	.90	17	
ALTUS DAM	184	7	61.9	30	.5	87.	12	33.	3	141.0	-15.0	48.0	.0	2.240	30	.33	.76	1	
ANADARKO	224	7	61.4	29	-.1	84.	30	25.	2	129.0	-26.0	25.5	-24.5	2.704	30	.24	1.77	17	
APACHE	260	7	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.800	30	2.20	2.52	17	
ALTUS AFB	447	7	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	1.965	29	*****	.97	18	
CARNEGIE 2 ENE	1504	7	61.8	30	.2	85.	30	26.	2	136.5	-17.5	40.5	-11.5	2.360	30	.00	.59	29	
CHATTANOOGA	1706	7	62.8	30	.1	87.	30	32.	3	114.5	-20.5	49.0	-17.0	3.130	30	.60	1.75	17	
DUNCAN 12 W	2668	7	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	1.811	30	*****	1.06	16	
FREDERICK	3353	7	60.4	30	-1.9	86.	12	34.	3	166.0	30.0	29.0	-26.0	3.370	30	1.07	2.05	17	
GRANDFIELD 4 NW	3709	7	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	3.260	30	.86	1.30	17	
HOBART FAA APT	4204	7	61.3	30	-.1	87.	30	30.	3	151.0	-12.0	39.5	-15.5	1.512	30	-.55	.65	1	
HOLLIS	4249	7	60.8	27	*****	90.	30	30.	3	138.0	*****	23.5	*****	4.200	27	*****	1.65	17	
LAWTON	5063	7	60.5	30	-1.4	85.	24	33.	2	162.5	23.5	27.5	-18.5	6.090	30	3.66	4.63	17	
FORT SILL	5068	7	61.8	30	*****	85.	30	32.	2	138.5	*****	42.5	*****	4.988	30	*****	3.35	15	
LOOKEBA 2 ENE	5329	7	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	2.423	30	-.04	1.05	19	
MANGUM RES STA	5509	7	61.6	30	-1.3	88.	30	29.	2	132.5	1.5	30.5	-37.5	2.080	30	.29	.95	17	
RANDLETT 9 E	7403	7	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	1.481	30	*****	.61	1	
ROOSEVELT	7727	7	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	2.470	30	.11	.85	1	
SEDAN	8016	7	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.820	30	*****	3.50	17	
SNYDER	8299	7	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	2.314	30	.06	1.17	17	
VINSON 3 WNW	9212	7	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	2.372	30	.69	.91	19	
WALTERS	9278	7	62.5	30	-1.0	88.	23	32.	2	123.5	2.5	49.0	-27.0	2.260	30	-.62	.76	17	
WICHITA MT WLR	9629	7	59.6	28	*****	84.	24	26.	2	171.5	*****	21.0	*****	2.862	30	.21	1.45	17	
WILLOW	9668	7	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	1.881	30	*****	.96	19	

APRIL 1992 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

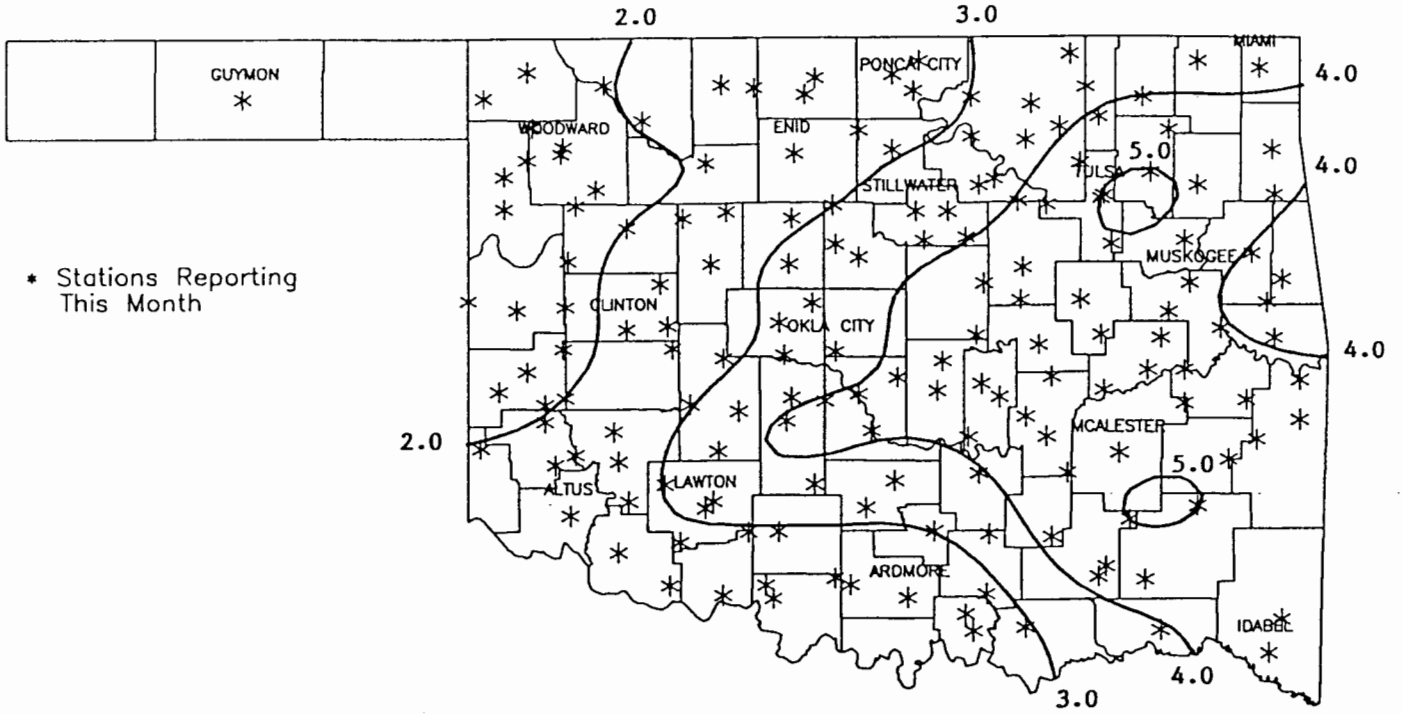
Table with columns: NAME, ID CD, MEAN TEMP, NUM OBS, DEV FROM NORM, MAX TEMP, MIN TEMP, DAY, HEAT DEG DAY, DEV FROM NORM, COOL DEG DAY, DEV FROM NORM, TOT PPT, NUM OBS, DEV FROM NORM, MAX 24-HR, DAY. Lists 46 stations including ADA, ALLEN, ARDMORE, etc.

APRIL 1992 SUMMARY FOR SOUTHEAST DIVISION (CD9)

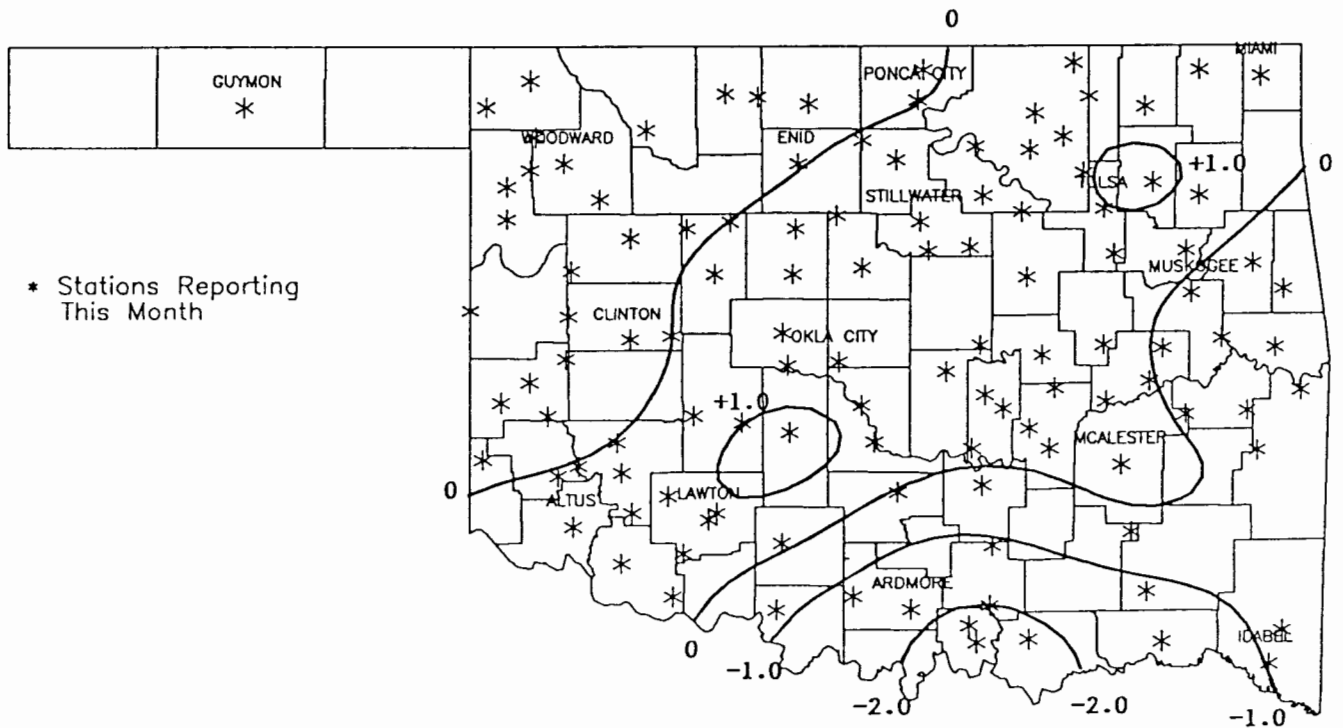
Table with columns: NAME, ID CD, MEAN TEMP, NUM OBS, DEV FROM NORM, MAX TEMP, MIN TEMP, DAY, HEAT DEG DAY, DEV FROM NORM, COOL DEG DAY, DEV FROM NORM, TOT PPT, NUM OBS, DEV FROM NORM, MAX 24-HR, DAY. Lists 28 stations including ANTLERS, BATTIEST 1 SSW, BEAR MT TWR, etc.

APRIL 1992 CLIMATE DIVISION SUMMARY

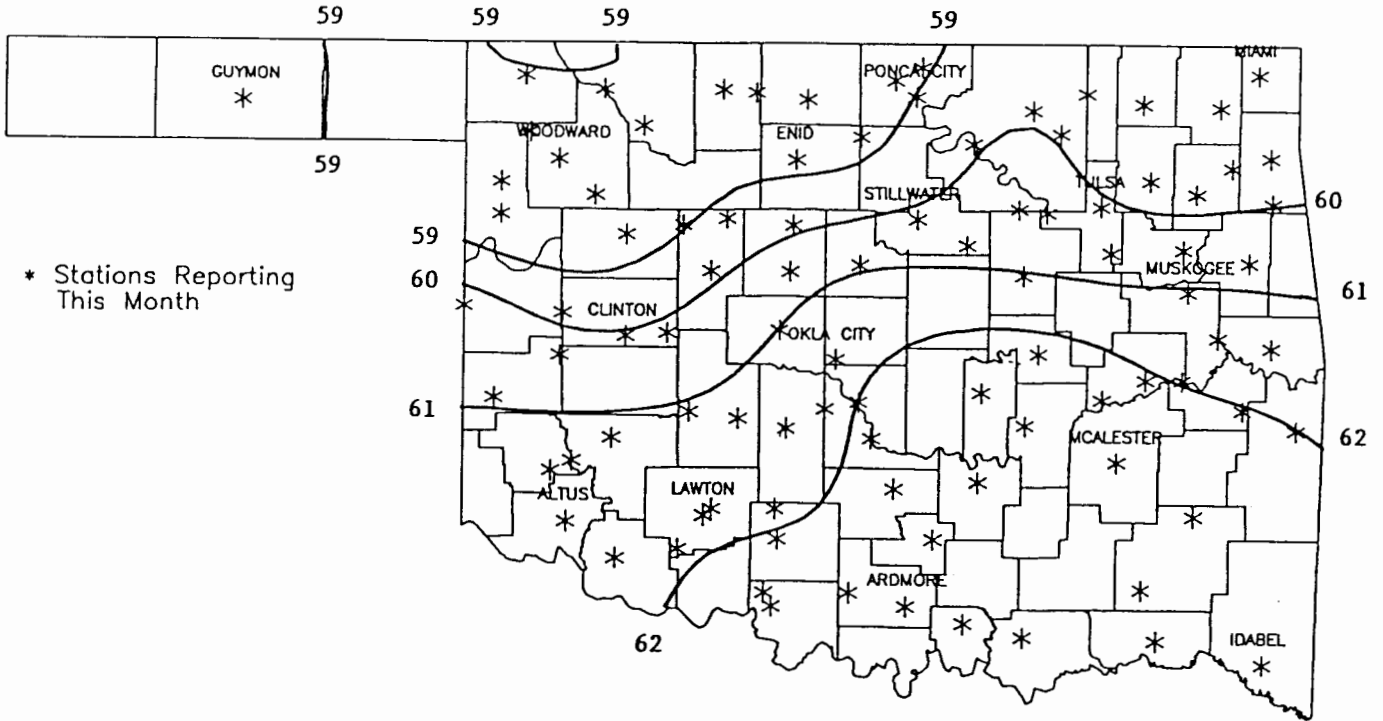
Table with columns: CLIMATE DIV, MEAN TEMP, NUM STA, DEV FROM NORM, MAX TEMP, MIN TEMP, DAY, HEAT DEGREE DAYS, DEV FROM NORM, COOL DEGREE DAYS, DEV FROM NORM, TOT PPT, NUM STA, DEV FROM NORM, MAX 24-HR, DAY. Summarizes climate data for 9 divisions.



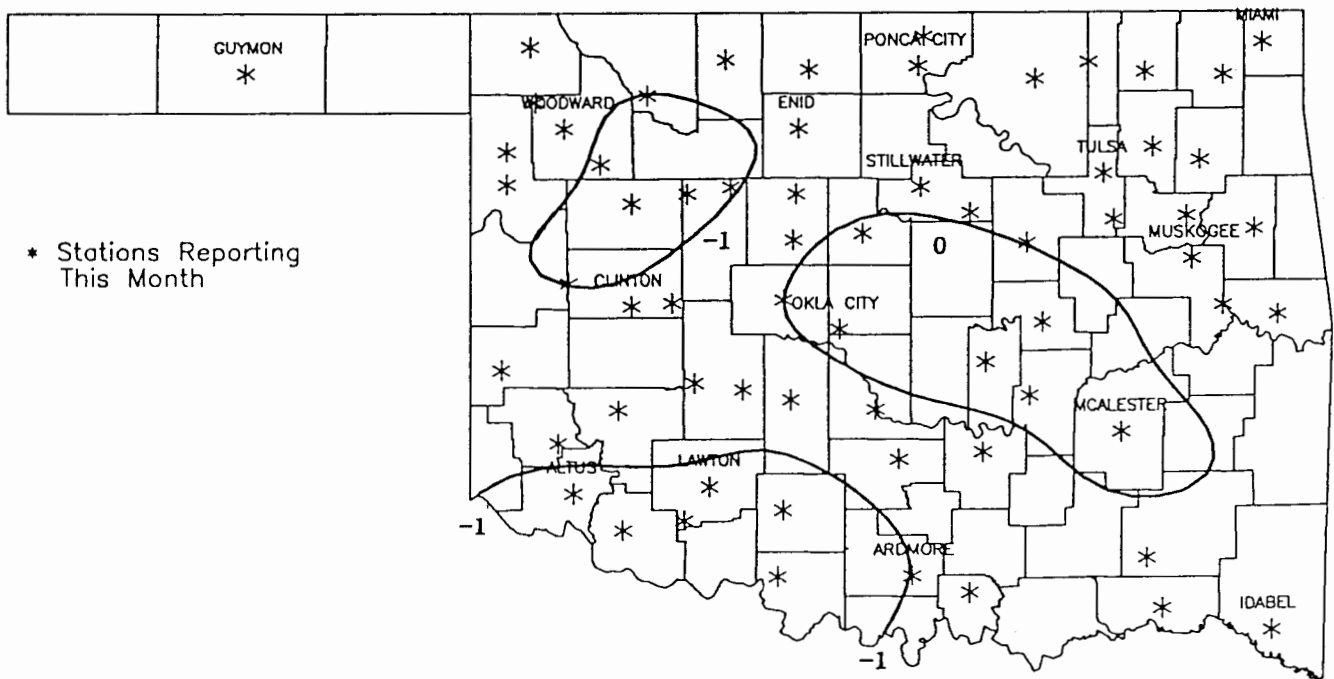
**APRIL 1992 TOTAL PRECIPITATION
(Inches)**



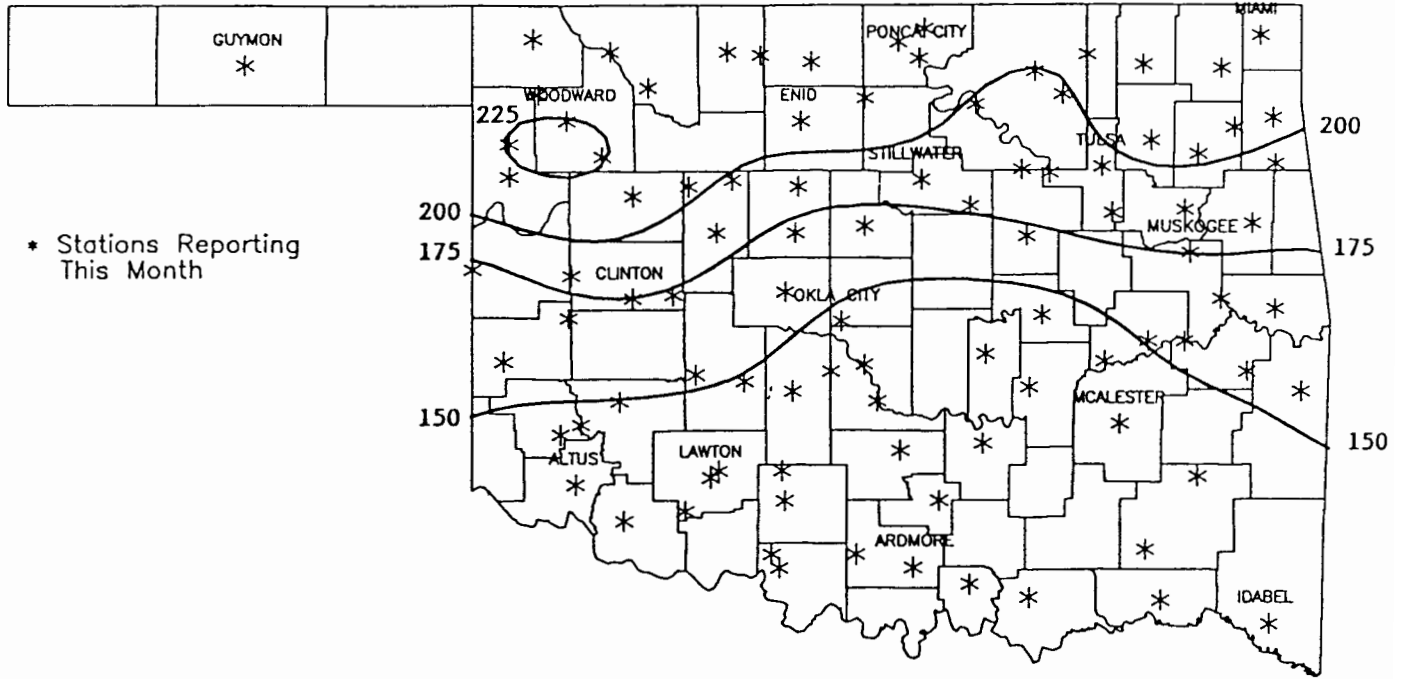
**APRIL 1992 DEVIATION FROM NORMAL PRECIPITATION
(Inches)**



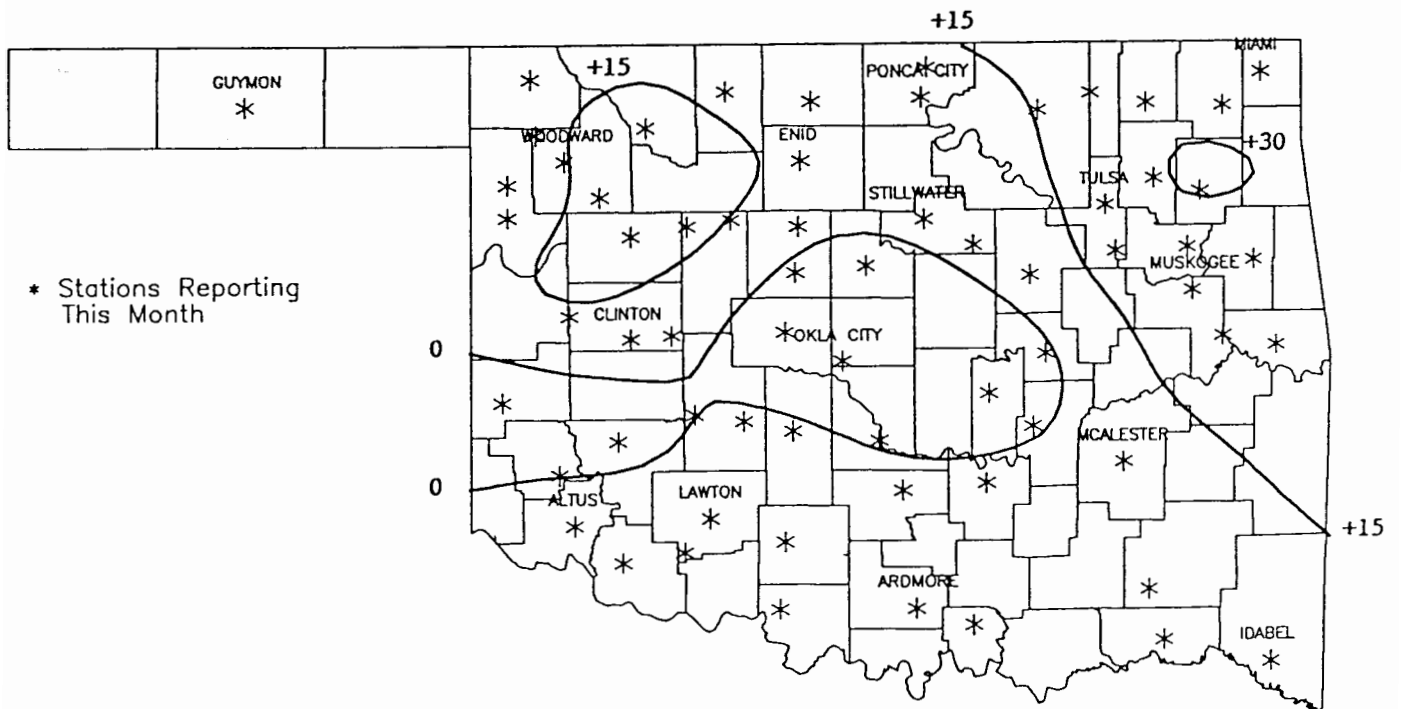
**APRIL 1992 AVERAGE MONTHLY TEMPERATURES
(Degrees F)**



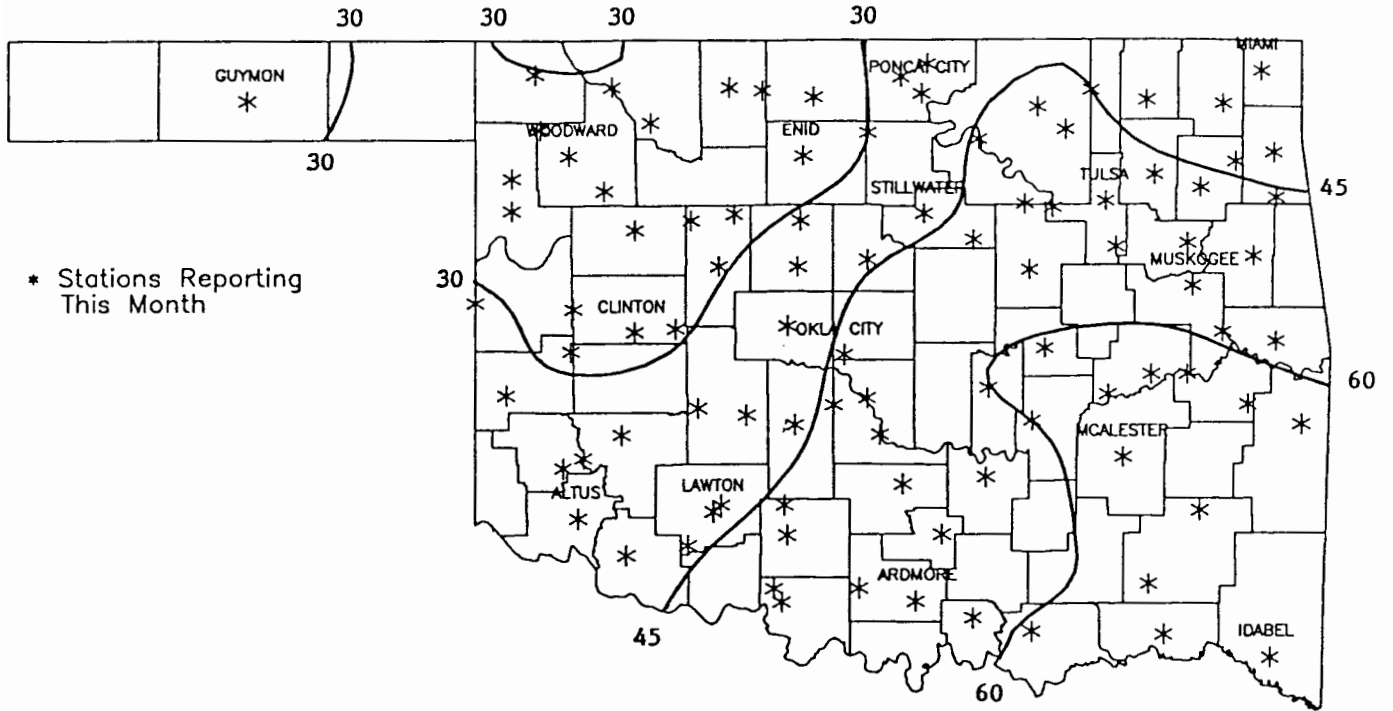
**APRIL 1992 DEVIATION FROM NORMAL TEMPERATURES
(Degrees F)**



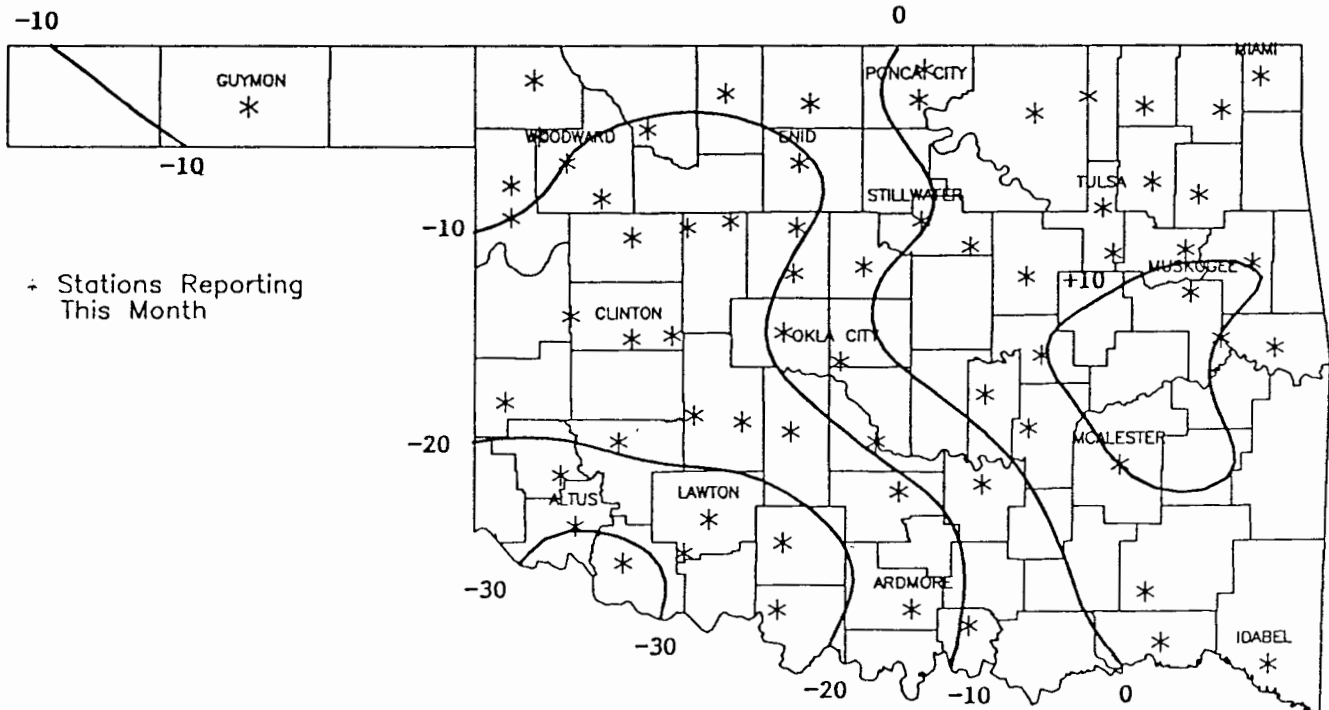
APRIL 1992 HEATING DEGREE DAYS



APRIL 1992 DEVIATION FROM NORMAL HEATING DEGREE DAYS

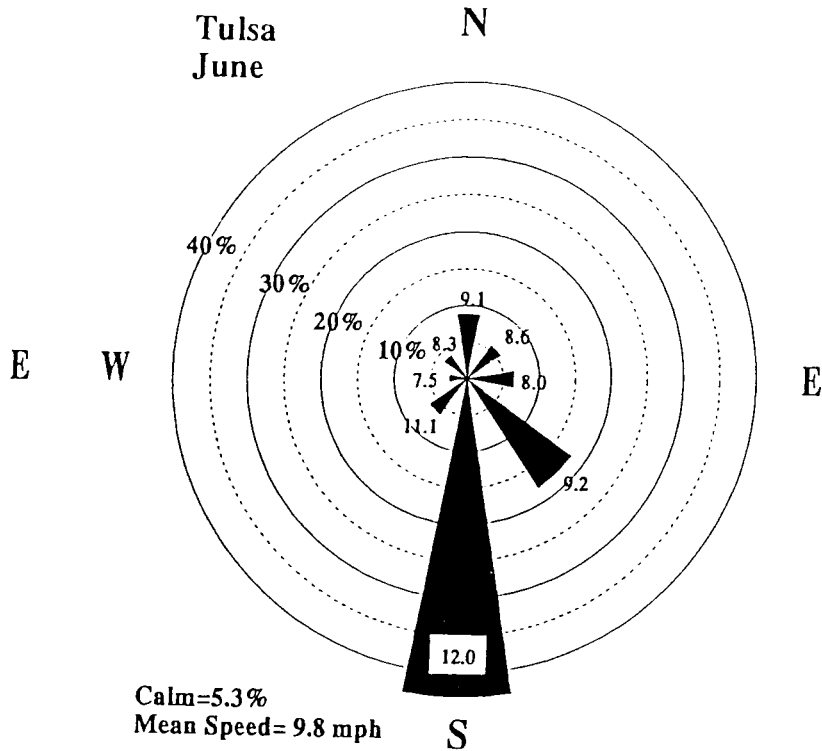
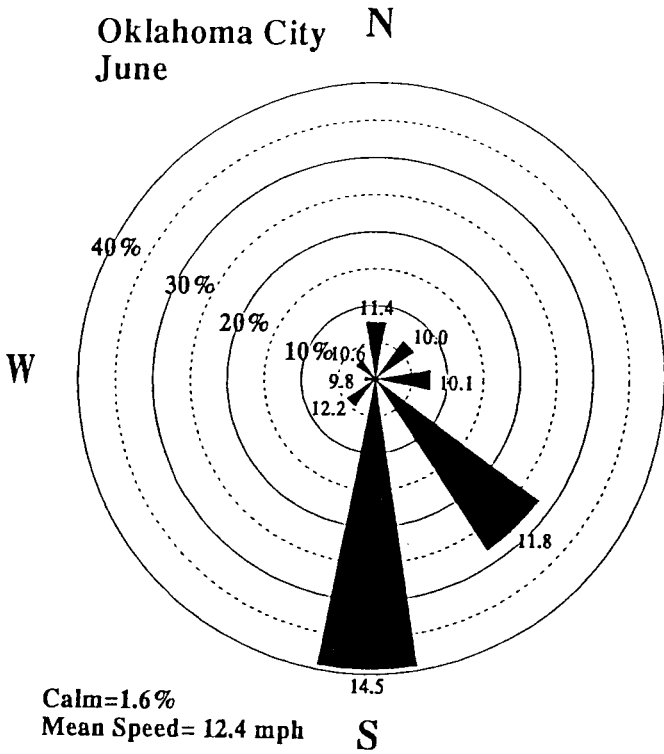


APRIL 1992 COOLING DEGREE DAYS



APRIL 1992 DEVIATION FROM NORMAL COOLING DEGREE DAYS

June 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.



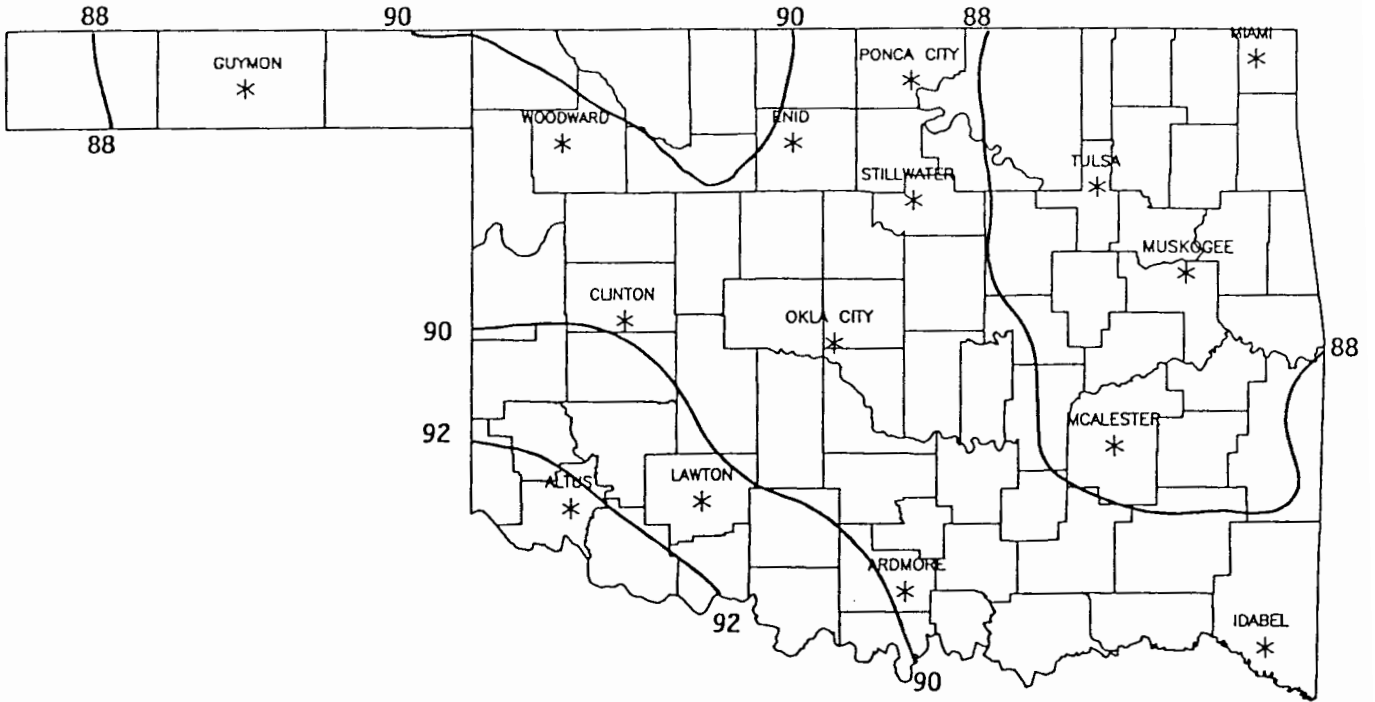
JUNE 1992 SUNRISE AND SUNSET

Oklahoma City

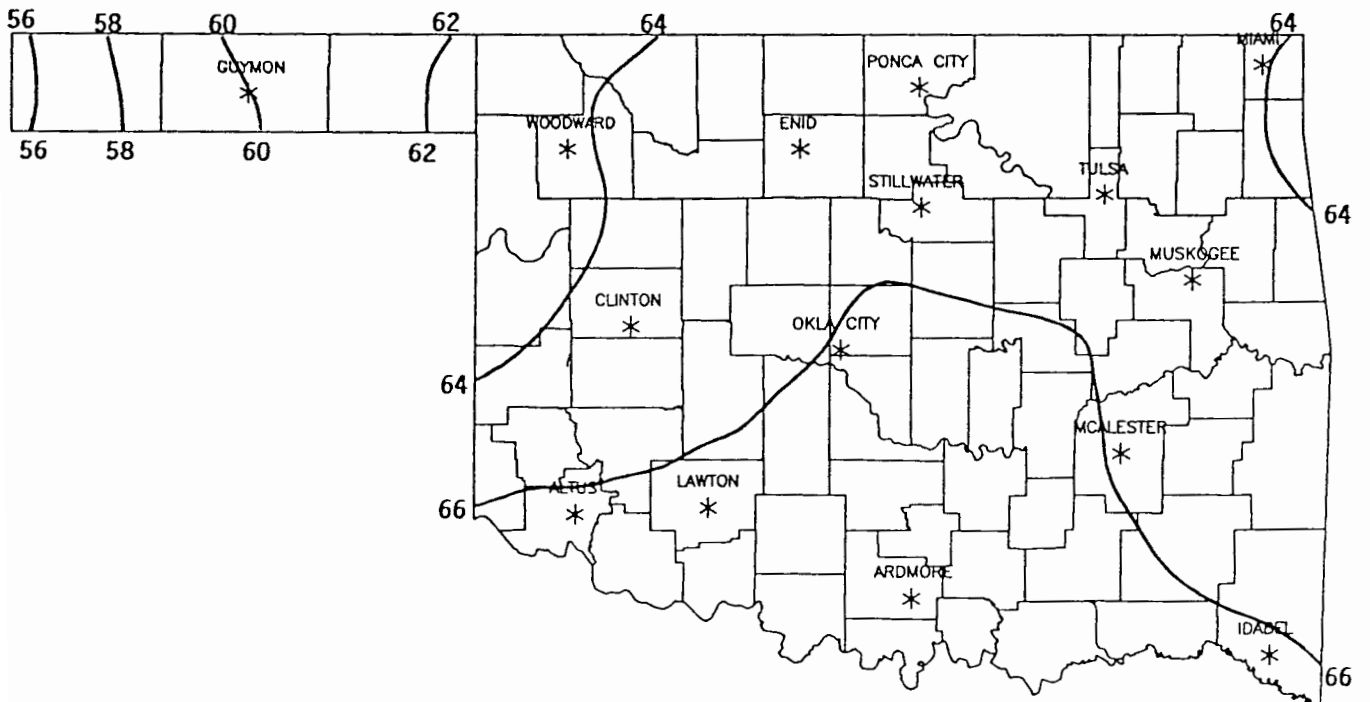
DATE	SUNRISE	SUNSET	DAYLIGHT
92 6 1	6:18AM	8:38PM CDT	14 hrs 19 mins
92 6 2	6:18AM	8:38PM CDT	14 hrs 20 mins
92 6 3	6:18AM	8:39PM CDT	14 hrs 21 mins
92 6 4	6:18AM	8:40PM CDT	14 hrs 22 mins
92 6 5	6:18AM	8:40PM CDT	14 hrs 23 mins
92 6 6	6:17AM	8:41PM CDT	14 hrs 23 mins
92 6 7	6:17AM	8:41PM CDT	14 hrs 24 mins
92 6 8	6:17AM	8:42PM CDT	14 hrs 24 mins
92 6 9	6:17AM	8:42PM CDT	14 hrs 25 mins
92 6 10	6:17AM	8:43PM CDT	14 hrs 26 mins
92 6 11	6:17AM	8:43PM CDT	14 hrs 26 mins
92 6 12	6:17AM	8:43PM CDT	14 hrs 26 mins
92 6 13	6:17AM	8:44PM CDT	14 hrs 27 mins
92 6 14	6:17AM	8:44PM CDT	14 hrs 27 mins
92 6 15	6:17AM	8:45PM CDT	14 hrs 28 mins
92 6 16	6:17AM	8:45PM CDT	14 hrs 28 mins
92 6 17	6:17AM	8:45PM CDT	14 hrs 28 mins
92 6 18	6:17AM	8:46PM CDT	14 hrs 28 mins
92 6 19	6:18AM	8:46PM CDT	14 hrs 28 mins
92 6 20	6:18AM	8:46PM CDT	14 hrs 28 mins
92 6 21	6:18AM	8:46PM CDT	14 hrs 28 mins
92 6 22	6:18AM	8:46PM CDT	14 hrs 28 mins
92 6 23	6:18AM	8:47PM CDT	14 hrs 28 mins
92 6 24	6:19AM	8:47PM CDT	14 hrs 28 mins
92 6 25	6:19AM	8:47PM CDT	14 hrs 28 mins
92 6 26	6:19AM	8:47PM CDT	14 hrs 28 mins
92 6 27	6:20AM	8:47PM CDT	14 hrs 28 mins
92 6 28	6:20AM	8:47PM CDT	14 hrs 27 mins
92 6 29	6:20AM	8:47PM CDT	14 hrs 27 mins
92 6 30	6:21AM	8:47PM CDT	14 hrs 27 mins

Tulsa

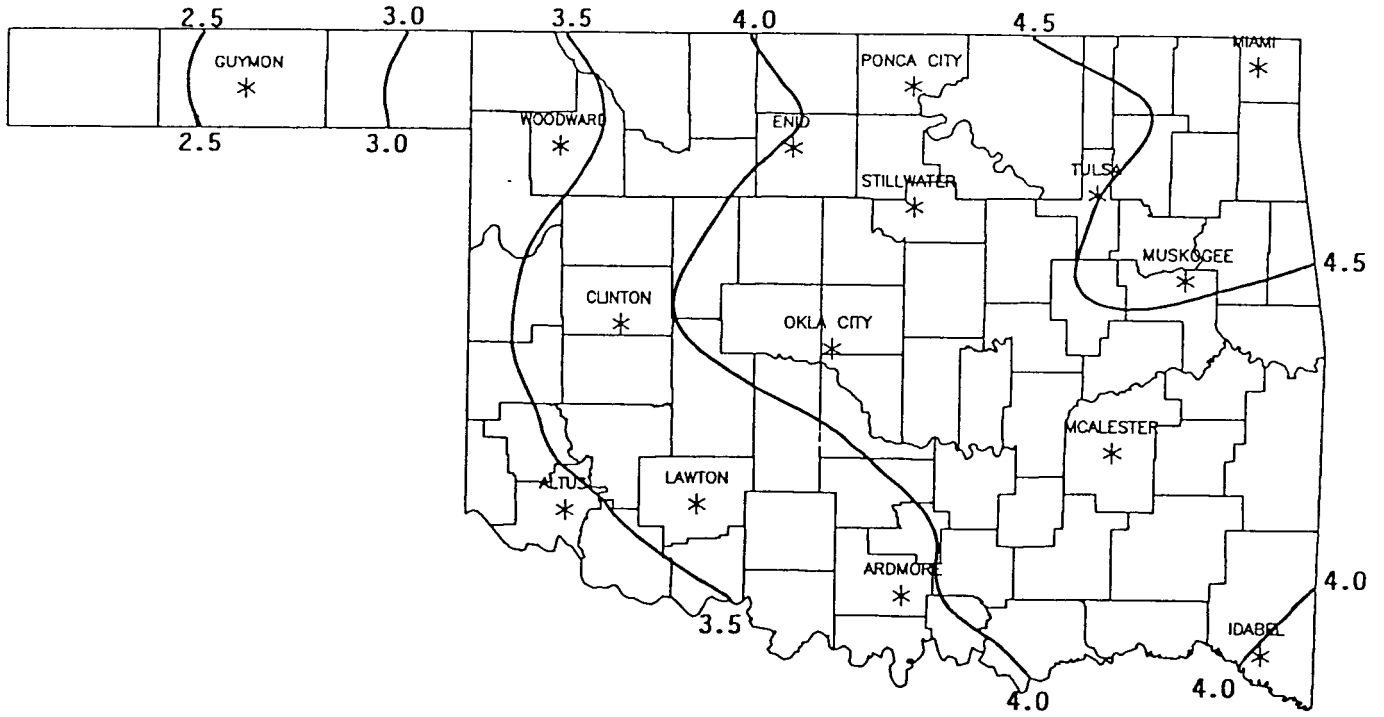
DATE	SUNRISE	SUNSET	DAYLIGHT
92 6 1	6:10AM	8:33PM CDT	14 hrs 23 mins
92 6 2	6: 9AM	8:34PM CDT	14 hrs 24 mins
92 6 3	6: 9AM	8:34PM CDT	14 hrs 25 mins
92 6 4	6: 9AM	8:35PM CDT	14 hrs 26 mins
92 6 5	6: 9AM	8:35PM CDT	14 hrs 27 mins
92 6 6	6: 8AM	8:36PM CDT	14 hrs 27 mins
92 6 7	6: 8AM	8:36PM CDT	14 hrs 28 mins
92 6 8	6: 8AM	8:37PM CDT	14 hrs 29 mins
92 6 9	6: 8AM	8:37PM CDT	14 hrs 29 mins
92 6 10	6: 8AM	8:38PM CDT	14 hrs 30 mins
92 6 11	6: 8AM	8:38PM CDT	14 hrs 30 mins
92 6 12	6: 8AM	8:39PM CDT	14 hrs 31 mins
92 6 13	6: 8AM	8:39PM CDT	14 hrs 31 mins
92 6 14	6: 8AM	8:40PM CDT	14 hrs 31 mins
92 6 15	6: 8AM	8:40PM CDT	14 hrs 32 mins
92 6 16	6: 8AM	8:40PM CDT	14 hrs 32 mins
92 6 17	6: 8AM	8:41PM CDT	14 hrs 32 mins
92 6 18	6: 8AM	8:41PM CDT	14 hrs 32 mins
92 6 19	6: 9AM	8:41PM CDT	14 hrs 33 mins
92 6 20	6: 9AM	8:41PM CDT	14 hrs 33 mins
92 6 21	6: 9AM	8:42PM CDT	14 hrs 33 mins
92 6 22	6: 9AM	8:42PM CDT	14 hrs 33 mins
92 6 23	6: 9AM	8:42PM CDT	14 hrs 33 mins
92 6 24	6:10AM	8:42PM CDT	14 hrs 32 mins
92 6 25	6:10AM	8:42PM CDT	14 hrs 32 mins
92 6 26	6:10AM	8:42PM CDT	14 hrs 32 mins
92 6 27	6:11AM	8:43PM CDT	14 hrs 32 mins
92 6 28	6:11AM	8:43PM CDT	14 hrs 32 mins
92 6 29	6:11AM	8:43PM CDT	14 hrs 31 mins
92 6 30	6:12AM	8:43PM CDT	14 hrs 31 mins



JUNE 30-YEAR MEAN DAILY MAXIMUM TEMPERATURES



JUNE 30-YEAR MEAN DAILY MINIMUM TEMPERATURES



JUNE 30-YEAR MEAN MONTHLY PRECIPITATION

90-DAY NATIONAL WEATHER SERVICE OUTLOOK

(May - July 1992)

Precipitation - Near Normal Statewide

Temperature - Near Normal Statewide

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

June 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
81.0 62.0 .25 0 7	max min ppt hdd cdd	82.0 62.0 .24 1 7	max min ppt hdd cdd	82.0 62.0 .23 0 7	max min ppt hdd cdd	83.0 63.0 .21 0 8	max min ppt hdd cdd	84.0 64.0 .11 0 9	max min ppt hdd cdd	85.0 64.0 .09 0 10	max min ppt hdd cdd	87.0 65.0 .11 0 11	max min ppt hdd cdd
Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	99-1913 58-1903 48-1982 75-1943 3.37-1962	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	97-1910 56-1919 6-1917 74-1980 1.66-1973	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	96-1953 64-1919 49-1919 75-1925 6.75-1932	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	95-1913 62-1928 47-1954 75-1911 3.90-1904	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	99-1917 66-1992 48-1919 75-1980 1.48-1927	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	102-1911 69-1993 52-1917 75-1990 3.01-1941	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	100-1911 66-1891 51-1983 78-1980 1.44-1908
Normal 8	Actual	Normal 9	Actual	Normal 10	Actual	Normal 11	Actual	Normal 12	Actual	Normal 13	Actual	Normal 14	Actual
87.0 66.0 .18 0 12	max min ppt hdd cdd	86.0 66.0 .11 0 11	max min ppt hdd cdd	87.0 66.0 .12 0 11	max min ppt hdd cdd	87.0 66.0 .10 0 12	max min ppt hdd cdd	87.0 66.0 .10 0 12	max min ppt hdd cdd	87.0 67.0 .15 0 12	max min ppt hdd cdd	89.0 67.0 .18 0 13	max min ppt hdd cdd
Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	100-1988 64-1913 52-1915 76-1984 2.60-1974	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	100-1933 60-1913 54-1974 77-1953 2.38-1907	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	100-1963 68-1998 51-1955 75-1953 1.61-1951	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	100-1963 68-1998 51-1955 75-1953 1.61-1951	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	104-1953 72-1903 50-1996 78-1958 4.74-1944	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	101-1924 70-1927 52-1905 78-1958 4.56-1989	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	106-1953 63-1927 51-1947 78-1953 3.95-1930
Normal 15	Actual	Normal 16	Actual	Normal 17	Actual	Normal 18	Actual	Normal 19	Actual	Normal 20	Actual	Normal 21	Actual
88.0 67.0 .10 0 12	max min ppt hdd cdd	87.0 66.0 .18 0 12	max min ppt hdd cdd	88.0 67.0 .07 0 12	max min ppt hdd cdd	89.0 68.0 .06 0 13	max min ppt hdd cdd	89.0 68.0 .09 0 14	max min ppt hdd cdd	90.0 68.0 .22 0 14	max min ppt hdd cdd	90.0 68.0 .25 0 14	max min ppt hdd cdd
Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	105-1953 71-1908 55-1969 79-1953 3.01-1930	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	106-1911 70-1961 50-1917 77-1953 3.59-1955	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	102-1924 69-1963 53-1912 78-1990 1.85-1975	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	101-1956 68-1912 53-1912 78-1924 .93-1957	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	101-1953 70-1920 55-1926 80-1953 1.68-1987	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	105-1953 73-1905 51-1976 77-1990 2.28-1958	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	104-1953 69-1902 55-1906 79-1953 3.28-1948
Normal 22	Actual	Normal 23	Actual	Normal 24	Actual	Normal 25	Actual	Normal 26	Actual	Normal 27	Actual	Normal 28	Actual
90.0 68.0 .16 0 14	max min ppt hdd cdd	88.0 68.0 .20 0 13	max min ppt hdd cdd	88.0 68.0 .14 0 13	max min ppt hdd cdd	89.0 68.0 .21 0 14	max min ppt hdd cdd	90.0 68.0 .11 0 14	max min ppt hdd cdd	91.0 68.0 .04 0 15	max min ppt hdd cdd	91.0 69.0 .14 0 15	max min ppt hdd cdd
Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	107-1936 73-1912 50-1902 79-1936 2.38-1957	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	101-1934 68-1921 58-1958 77-1934 2.79-1908	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	104-1911 74-1909 54-1957 78-1953 2.06-1948	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	105-1980 68-1967 51-1974 82-1911 2.29-1960	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	104-1918 69-1904 50-1958 81-1933 1.70-1985	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	103-1980 75-1904 52-1974 79-1947 2.19-1907	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	105-1980 78-1923 56-1974 78-1986 3.10-1988
Normal 29	Actual	Normal 30	Actual	JUNE AVERAGES									
92.0 70.0 .06 0 16	max min ppt hdd cdd	92.0 70.0 .08 0 16	max min ppt hdd cdd	TEMPERATURE : 77.0°F									
Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	103-1925 76-1908 54-1923 78-1947 2.00-1987	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	102-1925 73-1923 58-1923 80-1980 2.33-1981	PRECIPITATION : 4.36"									
				HEATING DEGREE DAYS : 1									
				COOLING DEGREE DAYS : 362									

TULSA CLIMATE CALENDAR

The data on this calendar are for Tulsa. Normal values are calculated for the period 1948-1991. Temperature extremes are for the period 1905-1991; precipitation extremes are for the period 1948-1991.

June 1992

Normal 1		Normal 2		Normal 3		Normal 4		Normal 5		Normal 6		Normal 7	
Actual	max	Actual	max	Actual	max	Actual	max	Actual	max	Actual	max	Actual	max
82.0	81.0	82.0	81.0	82.0	81.0	84.0	84.0	84.0	84.0	86.0	86.0	87.0	87.0
62.0	63.0	63.0	63.0	63.0	63.0	64.0	65.0	65.0	65.0	65.0	65.0	66.0	66.0
.21	.28	.28	.28	.13	.13	.16	.24	.24	.24	.20	.20	.15	.15
0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	8	8	8	8	8	10	10	10	10	11	11	12	12
	Highest Max		Highest Max		Highest Max		Highest Max		Highest Max		Highest Max		Highest Max
98-1934	102-1911	102-1911	102-1911	101-1911	102-1911	102-1911	102-1911	102-1911	102-1911	106-1911	106-1911	100-1911	100-1911
	Lowest Max		Lowest Max		Lowest Max		Lowest Max		Lowest Max		Lowest Max		Lowest Max
71-1957	61-1970	61-1970	61-1970	58-1970	58-1970	71-1982	71-1982	73-1985	73-1985	74-1989	74-1989	73-1989	73-1989
	Lowest Min		Lowest Min		Lowest Min		Lowest Min		Lowest Min		Lowest Min		Lowest Min
51-1982	49-1907	49-1907	49-1907	52-1946	52-1946	49-1954	49-1954	49-1919	49-1919	54-1950	54-1950	51-1935	51-1935
	Highest Min		Highest Min		Highest Min		Highest Min		Highest Min		Highest Min		Highest Min
77-1980	76-1980	76-1980	76-1980	73-1985	73-1985	75-1980	75-1980	78-1980	78-1980	77-1990	77-1990	79-1980	79-1980
	Greatest ppt		Greatest ppt		Greatest ppt		Greatest ppt		Greatest ppt		Greatest ppt		Greatest ppt
2.83-1983	2.14-1973	2.14-1973	2.14-1973	1.07-1982	1.07-1982	2.87-1985	2.87-1985	3.11-1982	3.11-1982	2.65-1974	2.65-1974	1.25-1966	1.25-1966
Normal 8		Normal 9		Normal 10		Normal 11		Normal 12		Normal 13		Normal 14	
Actual	max	Actual	max	Actual	max	Actual	max	Actual	max	Actual	max	Actual	max
88.0	87.0	87.0	87.0	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0	89.0	89.0
68.0	67.0	67.0	67.0	67.0	67.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
.21	.12	.12	.12	.10	.10	.15	.11	.11	.11	.07	.07	.21	.21
0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	12	12	12	12	12	13	13	13	13	13	13	14	14
	Highest Max		Highest Max		Highest Max		Highest Max		Highest Max		Highest Max		Highest Max
104-1911	105-1911	105-1911	105-1911	108-1911	108-1911	100-1924	100-1924	99-1953	99-1953	101-1924	101-1924	107-1911	107-1911
	Lowest Max		Lowest Max		Lowest Max		Lowest Max		Lowest Max		Lowest Max		Lowest Max
75-1971	68-1969	68-1969	68-1969	70-1955	70-1955	75-1975	75-1975	79-1985	79-1985	76-1989	76-1989	70-1969	70-1969
	Lowest Min		Lowest Min		Lowest Min		Lowest Min		Lowest Min		Lowest Min		Lowest Min
52-1915	56-1978	56-1978	56-1978	54-1955	54-1955	51-1965	51-1965	50-1913	50-1913	52-1985	52-1985	51-1942	51-1942
	Highest Min		Highest Min		Highest Min		Highest Min		Highest Min		Highest Min		Highest Min
79-1984	79-1981	79-1981	79-1981	75-1953	75-1953	77-1984	77-1984	77-1958	77-1958	80-1959	80-1959	78-1963	78-1963
	Greatest ppt		Greatest ppt		Greatest ppt		Greatest ppt		Greatest ppt		Greatest ppt		Greatest ppt
4.90-1974	2.84-1979	2.84-1979	2.84-1979	1.27-1950	1.27-1950	2.07-1967	2.07-1967	1.20-1985	1.20-1985	.88-1975	.88-1975	2.58-1961	2.58-1961
Normal 15		Normal 16		Normal 17		Normal 18		Normal 19		Normal 20		Normal 21	
Actual	max	Actual	max	Actual	max	Actual	max	Actual	max	Actual	max	Actual	max
89.0	87.0	87.0	87.0	88.0	88.0	90.0	90.0	89.0	89.0	90.0	90.0	89.0	89.0
68.0	67.0	67.0	67.0	67.0	67.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
.19	.08	.08	.08	.17	.17	.10	.10	.06	.06	.09	.09	.24	.24
0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	12	12	12	13	13	15	15	14	14	16	16	16	16
	Highest Max		Highest Max		Highest Max		Highest Max		Highest Max		Highest Max		Highest Max
102-1924	106-1911	106-1911	106-1911	102-1925	102-1925	104-1918	104-1918	106-1918	106-1918	107-1918	107-1918	107-1936	107-1936
	Lowest Max		Lowest Max		Lowest Max		Lowest Max		Lowest Max		Lowest Max		Lowest Max
71-1961	74-1961	74-1961	74-1961	72-1980	72-1980	78-1978	78-1978	76-1973	76-1973	77-1961	77-1961	74-1978	74-1978
	Lowest Min		Lowest Min		Lowest Min		Lowest Min		Lowest Min		Lowest Min		Lowest Min
52-1933	50-1917	50-1917	50-1917	52-1960	52-1960	54-1912	54-1912	51-1912	51-1912	53-1976	53-1976	54-1961	54-1961
	Highest Min		Highest Min		Highest Min		Highest Min		Highest Min		Highest Min		Highest Min
77-1980	78-1953	78-1953	78-1953	79-1990	79-1990	80-1953	80-1953	80-1953	80-1953	77-1964	77-1964	78-1952	78-1952
	Greatest ppt		Greatest ppt		Greatest ppt		Greatest ppt		Greatest ppt		Greatest ppt		Greatest ppt
2.66-1981	.83-1958	.83-1958	.83-1958	3.97-1980	3.97-1980	1.50-1978	1.50-1978	.82-1972	.82-1972	1.45-1978	1.45-1978	4.37-1948	4.37-1948
Normal 22		Normal 23		Normal 24		Normal 25		Normal 26		Normal 27		Normal 28	
Actual	max	Actual	max	Actual	max	Actual	max	Actual	max	Actual	max	Actual	max
90.0	88.0	88.0	88.0	89.0	89.0	90.0	90.0	90.0	90.0	91.0	91.0	91.0	91.0
69.0	69.0	69.0	69.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
.14	.26	.26	.26	.09	.09	.18	.18	.15	.15	.07	.07	.17	.17
0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	14	14	14	14	14	15	15	15	15	16	16	16	16
	Highest Max		Highest Max		Highest Max		Highest Max		Highest Max		Highest Max		Highest Max
106-1936	103-1934	103-1934	103-1934	104-1933	104-1933	105-1933	105-1933	105-1918	105-1918	102-1980	102-1980	106-1925	106-1925
	Lowest Max		Lowest Max		Lowest Max		Lowest Max		Lowest Max		Lowest Max		Lowest Max
80-1965	69-1948	69-1948	69-1948	77-1982	77-1982	70-1987	70-1987	75-1968	75-1968	78-1985	78-1985	81-1948	81-1948
	Lowest Min		Lowest Min		Lowest Min		Lowest Min		Lowest Min		Lowest Min		Lowest Min
56-1935	57-1920	57-1920	57-1920	55-1974	55-1974	52-1974	52-1974	59-1974	59-1974	53-1968	53-1968	58-1985	58-1985
	Highest Min		Highest Min		Highest Min		Highest Min		Highest Min		Highest Min		Highest Min
77-1984	77-1950	77-1950	77-1950	80-1980	80-1980	80-1980	80-1980	80-1978	80-1978	80-1980	80-1980	80-1980	80-1980
	Greatest ppt		Greatest ppt		Greatest ppt		Greatest ppt		Greatest ppt		Greatest ppt		Greatest ppt
1.67-1985	2.05-1948	2.05-1948	2.05-1948	1.12-1968	1.12-1968	1.98-1987	1.98-1987	2.77-1948	2.77-1948	1.15-1956	1.15-1956	2.75-1977	2.75-1977
Normal 29		Normal 30		Actual		Actual		Actual		Actual		Actual	
Actual	max	Actual	max	Actual	max	Actual	max	Actual	max	Actual	max	Actual	max
92.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
71.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
.06	.14	.14	.14	.14	.14	.14	.14	.14	.14	.14	.14	.14	.14
0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	17	17	17	17	17	17	17	17	17	17	17	17	17
	Highest Max		Highest Max		Highest Max		Highest Max		Highest Max		Highest Max		Highest Max
105-1925	105-1925	105-1925	105-1925	107-1925	107-1925	107-1925	107-1925	107-1925	107-1925	102-1980	102-1980	106-1925	106-1925
	Lowest Max		Lowest Max		Lowest Max		Lowest Max		Lowest Max		Lowest Max		Lowest Max
78-1973	78-1973	78-1973	78-1973	76-1951	76-1951	76-1951	76-1951	76-1951	76-1951	78-1985	78-1985	81-1948	81-1948
	Lowest Min		Lowest Min		Lowest Min		Lowest Min		Lowest Min		Lowest Min		Lowest Min
57-1923	57-1923	57-1923	57-1923	57-1943	57-1943	57-1943	57-1943	57-1943	57-1943	53-1968	53-1968	58-1985	58-1985
	Highest Min		Highest Min		Highest Min		Highest Min		Highest Min		Highest Min		Highest Min
80-1980	80-1980	80-1980	80-1980	80-1980	80-1980	80-1980	80-1980	80-1980	80-1980	80-1980	80-1980	80-1980	80-1980
	Greatest ppt		Greatest ppt		Greatest ppt		Greatest ppt		Greatest ppt		Greatest ppt		Greatest ppt
1.56-1973	1.56-1973	1.56-1973	1.56-1973	2.78-1951	2.78-1951	2.78-1951	2.78-1951	2.77-1948	2.77-1948	1.15-1956	1.15-1956	2.75-1977	2.75-1977

JUNE AVERAGES

TEMPERATURE : 77.7°F
 PRECIPITATION : 4.53"
 HEATING DEGREE DAYS : 0
 COOLING DEGREE DAYS : 391