

OKLAHOMA MONTHLY SUMMARY MAY 1995

TABLE OF CONTENTS

May 1995 Oklahoma Summary	2
Table of May 1994/1995 Comparisons.....	5
May 1995 Data Summary Tables.....	6
May 1995 Mesonetwork Summary	11
May 1995 State Map Summary.....	12
July Climatological Normals.....	16
90-Day National Weather Service Outlook.....	18
Explanation of Tables and Maps.....	19
July 1995 Oklahoma City Climate Calendar.....	21
July 1995 Tulsa Climate Calendar.....	22

MONTHLY SUMMARY FOR MAY 1995

May was very wet and cool over most of Oklahoma. According to preliminary data, May 1995 was the 9th coolest and 16th wettest May in the state since 1892. The average temperature for the month was 65.3 degrees, 3.4 degrees less than normal. Total precipitation averaged 7.12 inches, 2.26 inches above normal, across the state. Temperatures were less than normal in all areas of the state except the extreme southeastern corner. Only the extreme western Panhandle received less than normal precipitation during the month.

The rains of May closed out the spring season that was the 11th wettest and 18th coolest on record. Precipitation for March, April and May totaled 14.66 inches, 3.90 inches above normal. The average temperature over the three months was 58.1 degrees, 1.9 degrees below normal. Year-to-date precipitation is 17.05 inches, 3.30 inches above normal, the 19th highest accumulation among historical records. Temperatures for the year, thus far, have averaged 52.1 degrees, 0.4 degree above normal.

Oklahoma was in the preferred path of rain producing weather systems throughout May. A persistent area of low pressure in the upper atmosphere remained over or near the southwestern United States throughout the month, keeping the state in a regime of high moisture and strong thunderstorm potential most of the month. Daily precipitation values in excess of two inches were reported somewhere in the state on twelve different days. Precipitation was widespread with only the Panhandle receiving normal precipitation or less. The frequent rains and cool weather delayed planting of crops and delayed the maturation of the state's spring wheat.

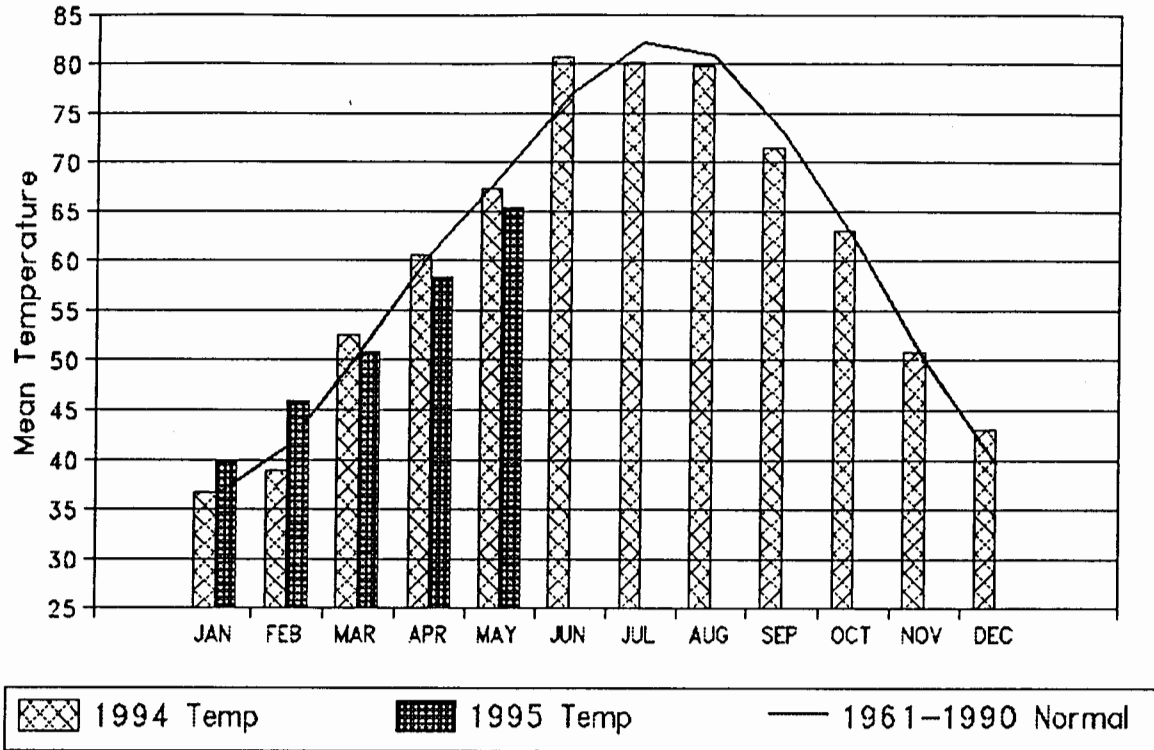
Softball-sized hail was reported near Lone Grove (Carter County) on the 3rd and tennis ball-sized hailstones fell near Friendship (Jackson) and south of Comanche (Stephens) on the same day. Especially strong thunderstorms developed on the 6th and 7th, leading to torrential downpours that produced over five inches of rain at Oologah Dam (Rogers) over two days. Calvin (Hughes), Hulah Dam (Osage), Bristow (Creek), Healdton (Carter) and Oologah Dam (Rogers) each reported daily precipitation amounts in excess of four inches. Street flooding occurred at Sperry (Osage), Sapulpa (Creek), Cleveland (Pawnee) and in some areas of northern Tulsa County. Several tornadoes were reported in southern and central Oklahoma, including a strong tornado that formed southwest of Burneyville (Love) and persisted into the western outskirts of Ardmore (Carter). Another tornado produced by the same thunderstorm touched down between Gene Autry (Carter) and Dougherty (Murray).

A period of relatively calm weather prevailed from the 8th through the 13th. Several stations reported daily maximum temperatures in the 90s from the 12th through the 15th, topped by a high of 96 degrees reported at Okemah (Okfuskee) on the 13th. The interlude ended as occasional rounds of thunderstorms returned to the state around the middle of the month. Softball-sized hail was reported in the town of May (Harper) on the 16th. Large hail and at least one tornado, near McWillie (Alfalfa), occurred in northwestern and north central Oklahoma on the 17th. Other tornadoes were reported near Aline (Woods) and Follett (Beaver).

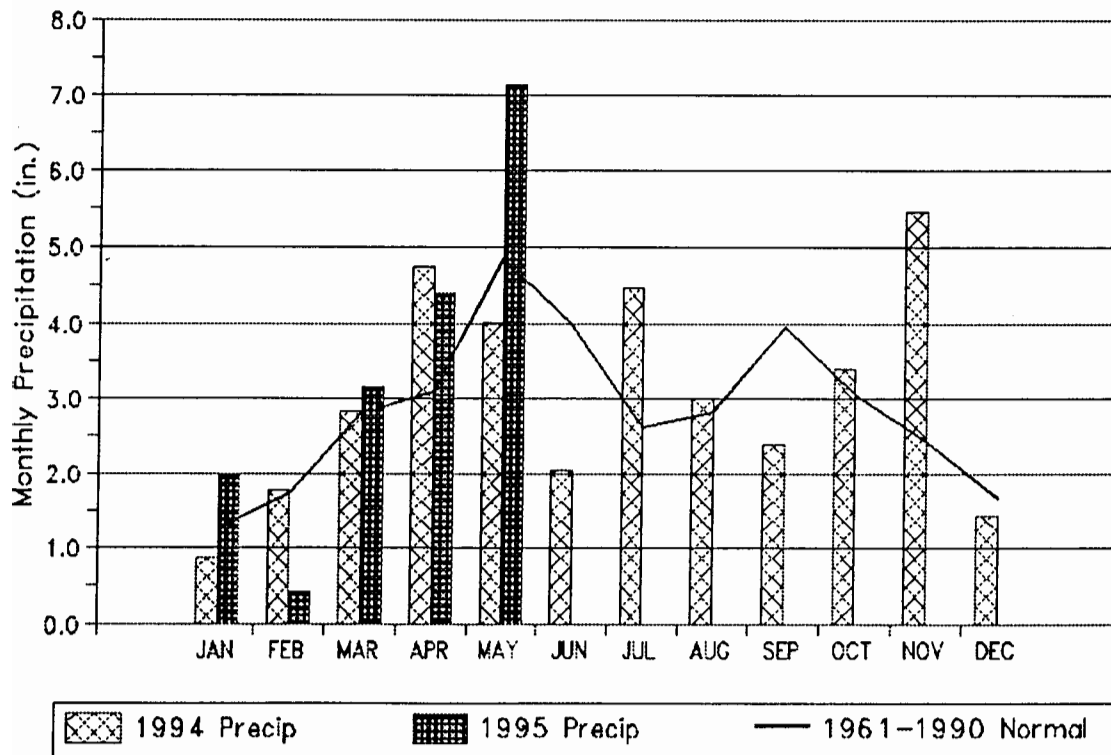
From the 22nd through the 31st, a series of weather producing systems moved through the state. Lindsay (Garvin), Cox City (Grady), Carnegie (Caddo) and Purcell (McClain) each reported daily precipitation amounts of more than four inches during the period and several locations received more than five inches of rain accumulated from the 23rd through the 27th. Significant street flooding hit Minco (Grady) and Norman (Cleveland) on the 26th. Marlow (Stephens) reported flash flooding on the 23rd as did Sapulpa (Creek) on the 26th and Seminole (Seminole) on the 27th. Tornadoes were reported near Texola (Beckham) on the 22nd, near McAlester (Pittsburg) on the 24th and near Colcord (Delaware) on the 26th. Reports of large hail were commonplace throughout the period.

Howard L. Johnson

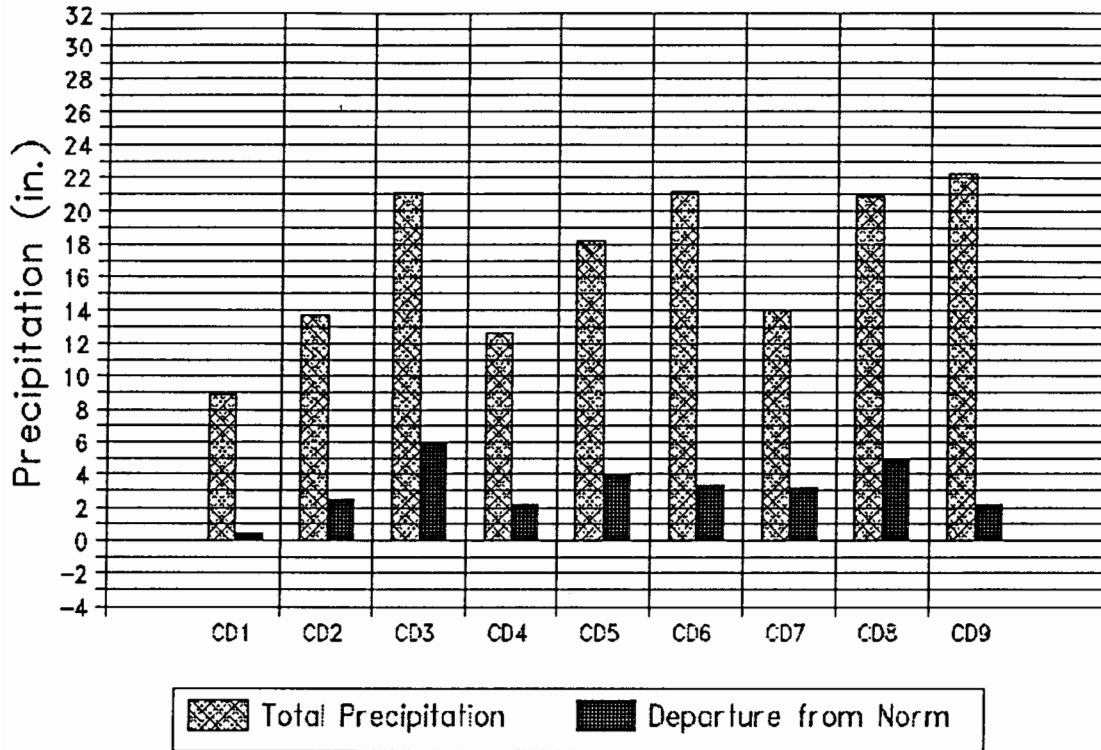
1994 and 1995 STATEWIDE TEMPERATURES Monthly Averages



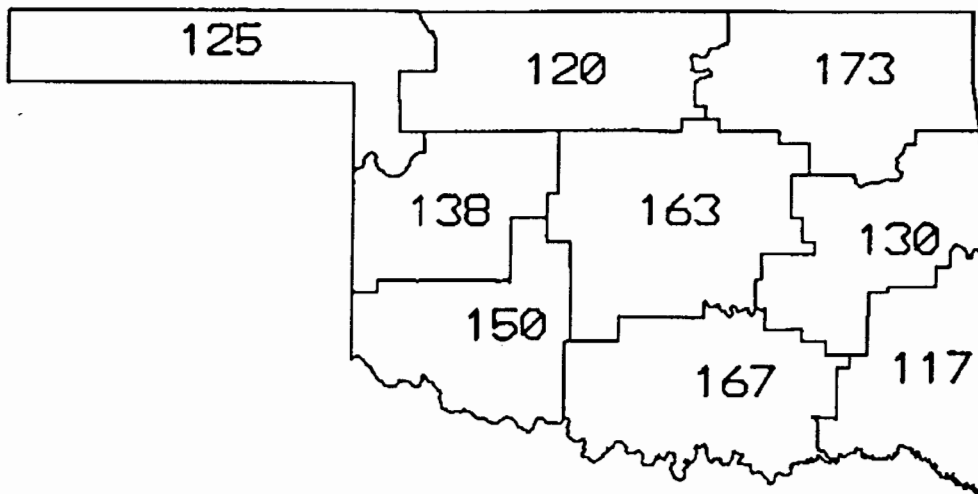
1994 and 1995 STATEWIDE PRECIPITATION Monthly Totals



CD Averaged Precipitation January through May 1995



CD PERCENT OF NORMAL PRECIPITATION



MAY 1995

EXTREME VALUES OF TEMPERATURE AND PRECIPITATION IN EACH CLIMATE DIVISION
MAY 1995

CD	MAX			MIN			24-HOUR			MONTHLY	
	TEMP	DATE	LOCATION	TEMP	DATE	LOCATION	PRECIP	DATE	LOCATION	PRECIP	LOCATION
1	89	16	BUFFALO	33	5	TURPIN	3.80	7	TURPIN	6.61	ARNETT
	89	23	GOODWELL								
2	90	14	MUTUAL	31	2	FREEDOM	2.30	27	HELENA	7.07	BRAMAN
3	92	14	JAY TOWER	35	2	HULAH DAM	4.32	8	HULAH DAM	11.66	HOLLOW
	92	12	MIAMI								
	92	13	TULSA								
4	92	13	ERICK	37	2	CANTON DAM	2.54	27	RETROP	9.00	RETROP
				37	3	OKEENE					
				37	2	TALOGA					
5	93	13	GUTHRIE	34	2	HENNESSEY	4.50	24	COX CITY	13.55	BRISTOW
	93	14	GUTHRIE								
6	92	13	HOLDENVILLE	35	2	STILWELL	4.30	7	CALVIN	10.43	BEGGS
7	95	14	ALTUS DAM	40	1	ANADARKO	4.36	25	CARNEGIE	9.61	CARNEGIE
	95	13	HOLLIS								
	95	13	MANGUM								
8	94	12	MARIETTA	38	18	PAULS VALLEY	4.51	24	LINDSAY	12.05	BOKCHITO
	94	13	MARIETTA								
9	95	14	HUGO	39	2	TUSKAHOMA	3.21	8	BEAR MT TWR	11.21	BOSWELL

TABLE OF 1994/1995 COMPARISONS

Station	MAY Temperature (°F)		MAY Precipitation (in.)	
	1994	1995	1994	1995
Arnett	63.7	59.5	3.92	6.61
Enid	68.2	64.5	3.70	4.26
Mutual	64.8	60.4	4.97	5.54
Tulsa	67.4	65.8	2.92	8.72
Elk City	67.8	64.2	2.11	6.83
Oklahoma City	66.7	64.3	2.69	7.40
McAlester	68.3	68.7	3.99	6.02
Altus Irr Sta	69.5	68.1	2.48	5.22
Ada	67.4	66.6	5.91	8.11
Hugo	69.2	71.7	5.14	8.23

EXTREMES

Variable	Station	Division	Observation	Date
Minimum temperature (°F)	Freedom	2	31	2
Maximum temperature (°F)	Hollis	7	95	13
	Mangum	7	95	13
	Altus Dam	7	95	14
	Hugo	9	95	14
	Maximum 24-hour precipitation	Lindsay	8	4.51"

MAY 1995 SUMMARY FOR NORTHWEST DIVISION (CD1)

NAME	ID	CD	DEV				HEAT				COOL				DEV			
			MEAN	NUM	FROM	MAX	MIN	DAY	TEMP	DAY	DEG	FROM	DEG	FROM	TOT	NUM	FROM	MAX
ARNETT	332	1	59.5	31	-6.2	86.	14	39.	2	191.0	105.0	19.0	-89.0	6.610	31	2.48	1.93	27
BEAVER	593	1	58.8	31	-6.1	88.	13	38.	4	205.0	107.0	12.5	-82.5	3.660	31	.62	.68	27
BOISE CITY 2 E	908	1	59.3	31	-4.0	88.	22	37.	18	197.5	77.5	20.0	-48.0	3.294	31	.71	1.25	26
BUFFALO	1243	1	62.8	24	*****	89.	16	34.	2	94.0	*****	40.5	*****	3.030	31	-1.33	.70	7
FARGO	3070	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.201	31	1.51	1.17	26
GAGE FAA APT	3407	1	61.5	31	-5.7	88.	13	37.	2	149.0	84.0	39.5	-93.5	5.323	31	1.97	.84	7
GATE	3489	1	59.3	31	-7.0	88.	13	38.	2	199.0	112.0	21.0	-106.0	3.873	31	.84	.65	26
GOODWELL RES ST	3628	1	59.6	31	-3.6	89.	23	37.	18	182.0	56.0	14.0	-57.0	3.533	31	.42	1.50	8
GUYMON	3835	1	58.2	16	*****	88.	22	41.	2	122.0	*****	13.0	*****	1.221	16	*****	.89	30
HOOKER	4298	1	58.4	31	-6.7	87.	17	39.	18	216.5	122.5	11.5	-85.5	5.193	31	2.23	2.26	8
KENTON	4766	1	58.8	31	-3.5	88.	16	39.	17	206.5	82.5	13.5	-26.5	3.033	31	.54	1.32	29
LAVERNE	5045	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.282	31	-.01	.83	26
TURPIN 4 SSE	9017	1	*****	0	*****	****	0	****	0	*****	*****	*****	*****	6.445	31	*****	3.80	7

MAY 1995 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)

NAME	ID	CD	DEV				HEAT				COOL				DEV			
			MEAN	NUM	FROM	MAX	MIN	DAY	TEMP	DAY	DEG	FROM	DEG	FROM	TOT	NUM	FROM	MAX
ALVA	193	2	63.0	31	*****	89.	13	36.	2	114.0	*****	52.0	*****	4.720	31	*****	1.52	27
VANCE AFB	302	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.475	28	*****	.85	24
BILLINGS	755	2	61.3	31	-6.3	87.	14	36.	2	150.5	86.5	37.0	-108.0	4.182	31	-.33	1.10	27
BLACKWELL 2E	818	2	65.1	31	-2.4	87.	13	40.	2	73.5	17.5	77.5	-56.5	4.673	31	-.07	1.02	26
BRAMAN	1075	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	7.070	31	*****	1.78	31
CEDARDALE	1620	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	6.340	31	*****	1.73	27
CHEROKEE	1724	2	63.4	30	-5.6	87.	23	37.	2	107.5	71.5	60.0	-100.0	4.081	30	*****	.80	6
ENID	2912	2	64.5	31	-4.6	86.	14	42.	2	90.0	60.0	73.5	-83.5	4.261	31	-.54	1.01	27
FT SUPPLY DAM	3304	2	59.7	31	-6.2	86.	14	39.	2	185.5	110.5	20.5	-82.5	4.379	31	.69	1.01	27
FREEDOM	3358	2	59.3	30	-9.3	88.	14	31.	2	195.5	155.5	26.0	-129.0	4.260	31	.78	.98	27
GREAT SALT PLNS	3740	2	62.3	31	-5.5	87.	14	38.	2	126.5	69.5	42.0	-101.0	6.512	31	2.66	1.82	30
HELENA 1 SSE	4019	2	61.9	31	-4.6	87.	23	37.	2	136.0	58.0	38.5	-86.5	6.043	31	2.02	2.30	27
JEFFERSON	4573	2	63.5	31	-5.2	88.	13	37.	2	107.5	65.5	62.0	-95.0	5.051	31	.53	.95	30
LAMONT	5013	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.760	31	*****	.98	26
MEDFORD	5768	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.703	31	*****	1.15	26
MORRISON	6065	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	6.540	31	*****	1.35	8
MUTUAL	6139	2	60.4	31	-5.6	90.	14	35.	2	169.0	88.0	27.0	-85.0	5.540	31	1.52	1.37	27
NEWKIRK	6278	2	63.4	31	-4.7	84.	13	36.	2	110.5	60.5	61.5	-84.5	4.822	31	-.07	.90	8
ORIENTA	6751	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	3.440	31	-.34	1.04	27
PERRY	7012	2	64.8	31	-4.4	88.	14	38.	2	82.0	45.0	75.0	-92.0	5.880	31	.61	1.07	8
PONCA CITY FAA	7201	2	64.3	29	*****	87.	15	38.	2	101.0	*****	80.0	*****	5.083	30	*****	.89	30
RED ROCK 1 NNE	7505	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.660	31	.05	1.10	8
WAYNOKA	9404	2	62.3	31	-6.6	88.	13	33.	2	123.5	85.5	41.0	-118.0	4.400	31	.30	1.37	27
WOODWARD	9760	2	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.301	31	1.34	1.27	8

MAY 1995 SUMMARY FOR NORTHEAST DIVISION (CD3)

NAME	ID	CD	DEV				HEAT				DEV				TOT	NUM	FROM	MAX	DAY
			MEAN	NUM	FROM	MAX	MIN	DAY	TEMP	DAY	DEG	FROM	DEG	FROM					
BARNSDALL	535	3	64.3	31	-4.3	88.	13	38.	2	103.0	70.0	82.0	-63.0	9.513	31	4.71	2.32	8	
BARTLESVILLE 2W	548	3	65.4	31	-3.3	90.	13	39.	2	81.0	46.0	94.5	-54.5	9.461	31	5.06	1.96	8	
BIXBY	782	3	65.2	31	-2.4	91.	14	40.	2	81.5	31.5	87.5	-43.5	8.762	31	3.76	2.20	26	
BURBANK	1256	3	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	5.371	31	.64	1.09	7	
CHELSEA 4 S	1717	3	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	6.930	31	*****	2.46	8	
CLAREMORE	1828	3	64.2	31	-2.8	91.	14	39.	2	104.5	37.5	80.5	-48.5	9.230	31	4.59	3.50	8	
CLEVELAND 5 WSW	1902	3	65.2	31	*****	89.	13	40.	2	83.5	*****	90.5	*****	7.560	31	*****	2.05	8	
FORAKER	3250	3	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	6.511	31	1.41	1.40	8	
HOLLOW	4258	3	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	11.660	31	6.64	3.67	8	
HOMINY	4289	3	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	8.200	31	3.65	1.94	8	
HULAH DAM	4393	3	63.0	24	*****	88.	22	35.	2	95.5	*****	47.0	*****	10.352	29	*****	4.32	8	
JAY TOWER	4567	3	64.4	29	*****	92.	14	37.	2	99.0	*****	81.5	*****	8.410	31	*****	2.05	8	
KANSAS 1 ESE	4672	3	65.2	24	*****	86.	13	35.	2	73.5	*****	79.0	*****	5.103	31	-.29	1.17	26	
KEYSTONE DAM	4812	3	63.3	30	-4.0	89.	14	37.	2	112.5	56.5	60.5	-66.5	10.111	31	5.12	3.50	8	
LENAPAH	5118	3	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	10.050	31	*****	2.67	8	
MANNFORD 6 NW	5522	3	65.4	31	-3.1	90.	13	38.	2	80.5	42.5	93.5	-52.5	8.601	31	3.78	3.13	8	
MARAMEC	5540	3	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	8.430	31	3.64	2.87	8	
MIAMI	5855	3	63.9	31	-2.8	92.	12	39.	2	92.5	18.5	59.5	-66.5	7.250	31	2.24	1.56	27	
NOWATA	6485	3	63.5	31	-4.6	90.	14	37.	2	108.0	59.0	60.0	-85.0	11.161	31	6.68	3.66	8	
OOLOGAH DAM	6729	3	64.0	31	*****	91.	14	39.	2	98.0	*****	68.5	*****	11.252	31	*****	4.25	8	
PAWHUSKA	6935	3	64.1	31	-3.9	87.	13	38.	2	99.5	53.5	71.5	-67.5	7.561	31	2.72	1.78	8	
PRYOR 6 N	7309	3	64.3	31	-2.7	90.	14	37.	2	88.0	20.0	65.5	-64.5	8.323	31	3.65	2.20	8	
RALSTON	7390	3	64.3	31	-4.5	88.	15	40.	2	92.5	52.5	70.5	-87.5	7.070	31	2.31	1.45	8	
SKIATOOK	8258	3	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	9.270	31	4.58	2.18	8	
SPAVINAW	8380	3	66.8	31	-1.9	88.	14	41.	2	57.5	16.5	112.5	-43.5	6.354	31	1.58	1.75	8	
TULSA WSO APT	8992	3	65.8	30	-3.5	92.	13	42.	2	67.0	26.0	91.5	-82.5	8.725	31	3.13	1.92	26	
UPPER SPAVINAW	9101	3	66.9	30	*****	90.	13	40.	2	63.5	*****	119.5	*****	7.473	31	*****	2.40	8	
VINITA 2 N	9203	3	64.3	31	-2.7	88.	14	37.	2	89.0	20.0	66.5	-64.5	8.951	31	3.84	2.80	8	
WAGONER	9247	3	67.0	31	-2.0	90.	13	40.	2	56.0	22.0	116.5	-41.5	7.573	31	2.62	2.24	8	
WANN	9298	3	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	9.851	31	*****	2.20	8	
WYONHA	9792	3	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	6.750	31	*****	1.49	7	

MAY 1995 SUMMARY FOR WEST CENTRAL DIVISION (CD4)

NAME	ID	CD	DEV				HEAT				DEV				TOT	NUM	FROM	MAX	DAY
			MEAN	NUM	FROM	MAX	MIN	DAY	TEMP	DAY	DEG	FROM	DEG	FROM					
CANTON DAM	1445	4	62.2	31	-5.2	86.	14	37.	2	125.0	71.0	39.0	-89.0	5.361	31	1.02	1.06	8	
CLINTON	1909	4	64.8	31	-4.7	90.	13	42.	2	75.5	45.5	68.0	-102.0	7.130	31	2.20	1.60	27	
COLONY	2039	4	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	7.381	31	*****	1.35	6	
CORDELL	2125	4	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	6.732	31	2.04	1.36	26	
ELK CITY 1 E	2849	4	64.2	30	-4.4	88.	14	42.	2	86.0	59.0	61.5	-77.5	6.832	31	2.26	2.13	27	
ERICK 4 E	2944	4	64.4	31	-3.9	92.	13	42.	19	83.0	43.0	65.0	-77.0	5.471	31	1.38	.84	26	
GEARY	3497	4	66.2	29	*****	90.	13	44.	2	53.0	*****	87.0	*****	4.420	30	*****	1.00	27	
HAMMON 3 SSW	3871	4	60.9	29	*****	88.	14	40.	19	141.5	*****	22.0	*****	6.350	31	2.11	1.15	6	
MACKIE 4 NNW	5463	4	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.980	31	*****	1.13	25	
MORAVIA 2 NNE	6035	4	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	6.990	31	2.32	1.28	26	
OKEENE	6629	4	63.9	31	-5.4	89.	13	37.	3	103.0	73.0	68.0	-95.0	5.230	31	.79	1.42	27	
RETROP	7565	4	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	9.001	31	*****	2.54	27	
REYDON	7579	4	63.9	31	-3.1	90.	14	41.	19	91.5	30.5	57.5	-65.5	6.840	31	2.91	1.34	21	
SAYRE	7952	4	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	6.590	31	2.26	1.31	8	
SWEETWATER 2 E	8652	4	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	4.821	31	*****	1.08	5	
TALOGA	8708	4	62.9	31	-4.7	87.	13	37.	2	105.0	54.0	39.5	-92.5	5.610	31	.87	1.29	6	
THOMAS	8815	4	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	5.140	31	*****	1.50	6	
VICI	9172	4	*****	0	*****	*****	0	****	0	*****	*****	*****	*****	5.621	31	1.21	1.12	27	
WATONGA	9364	4	64.4	31	-4.0	88.	13	39.	2	85.5	49.5	68.0	-74.0	4.871	31	.25	1.00	6	
WEATHERFORD	9422	4	63.8	27	*****	90.	13	41.	2	74.0	*****	41.5	*****	5.730	28	*****	1.10	7	

MAY 1995 SUMMARY FOR CENTRAL DIVISION (CD5)

NAME	ID	CD	DEV						HEAT		DEV		COOL		DEV		DEV		
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN DAY	DAY TEMP	DAY	DEG DAY	FROM NORM	DEG DAY	FROM NORM	DEG DAY	TOT PPT	NUM OBS	FROM NORM	MAX 24-HR	DAY
AMBER	200	5	****	0	****	****	0	****	0	****	****	****	****	****	8.240	31	****	1.69	7
TINKER AFB	325	5	****	0	****	****	0	****	0	****	****	****	****	****	6.947	27	****	3.47	26
BLANCHARD 2 SSW	830	5	66.4	30	-3.2	90.	13	41.	2	63.5	42.5	106.0	-58.0	9.382	31	4.43	2.50	8	
BRISTOW	1144	5	66.4	31	-2.8	91.	14	38.	2	72.0	45.0	116.0	-41.0	13.551	31	8.04	4.36	8	
CHANDLER	1684	5	65.3	17	****	91.	14	41.	11	51.0	****	56.5	****	6.671	21	****	2.20	8	
CHICKASHA EX ST	1750	5	65.9	31	-4.5	92.	13	41.	2	68.0	55.0	96.0	-85.0	8.730	31	4.05	1.83	24	
COX CITY 1 E	2196	5	****	0	****	****	0	****	0	****	****	****	****	11.640	31	****	4.50	24	
CRESCENT	2242	5	****	0	****	****	0	****	0	****	****	****	****	6.000	31	****	1.23	8	
CUSHING	2318	5	64.1	31	-3.9	90.	14	42.	2	96.0	47.0	67.5	-74.5	8.520	31	3.12	2.80	8	
EL RENO 1 N	2818	5	66.1	29	****	90.	13	39.	2	68.5	****	101.5	****	6.770	31	1.36	1.72	8	
GUTHRIE	3821	5	67.7	31	-2.0	93.	14	41.	2	55.5	27.5	138.5	-35.5	5.940	31	.97	1.30	7	
HENNESSEY 4 ESE	4055	5	63.4	29	****	88.	13	34.	2	107.5	****	62.5	****	5.290	30	****	1.03	8	
INGALLS	4489	5	****	0	****	****	0	****	0	****	****	****	****	7.560	31	****	2.74	8	
KINGFISHER 2 SE	4861	5	64.8	25	****	90.	13	38.	2	71.5	****	67.0	****	4.800	30	****	.90	8	
KONAWA	4915	5	****	0	****	****	0	****	0	****	****	****	****	5.770	31	.07	2.00	26	
MARSHALL	5589	5	****	0	****	****	0	****	0	****	****	****	****	5.640	31	.76	1.34	8	
MEEKER 4 W	5779	5	65.7	31	-3.3	90.	13	39.	2	75.0	46.0	98.0	-55.0	12.101	31	6.53	3.48	7	
STILLWATER 2 W	8501	5	64.1	31	-3.6	90.	14	39.	2	100.0	51.0	73.5	-59.5	5.731	31	.60	1.00	7	

MAY 1995 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

NAME	ID	CD	DEV						HEAT		DEV		COOL		DEV		DEV		
			MEAN TEMP	NUM OBS	FROM NORM	MAX TEMP	MIN DAY	DAY TEMP	DAY	DEG DAY	FROM NORM	DEG DAY	FROM NORM	DEG DAY	TOT PPT	NUM OBS	FROM NORM	MAX 24-HR	DAY
ASHLAND	364	6	****	0	****	****	0	****	0	****	****	****	****	****	6.734	31	****	2.60	8
BEGGS	631	6	****	0	****	****	0	****	0	****	****	****	****	****	10.430	31	****	3.11	8
BOYNTON	1027	6	****	0	****	****	0	****	0	****	****	****	****	****	6.803	31	****	2.25	8
CALVIN	1391	6	****	0	****	****	0	****	0	****	****	****	****	****	10.100	31	4.42	4.30	7
CHECOTAH	1711	6	****	0	****	****	0	****	0	****	****	****	****	****	7.244	31	1.82	2.39	8
CLAYTON 14 WNW	1858	6	****	0	****	****	0	****	0	****	****	****	****	****	8.360	31	****	2.72	8
DEWAR 2 NE	2485	6	****	0	****	****	0	****	0	****	****	****	****	****	7.146	31	1.92	2.20	8
DUSTIN	2690	6	****	0	****	****	0	****	0	****	****	****	****	****	5.690	31	****	2.19	8
EUFULA	2993	6	68.2	28	****	90.	15	42.	3	30.5	****	121.0	****	5.760	31	.08	2.10	7	
HANNA	3884	6	67.4	31	-2.1	90.	13	42.	2	58.0	40.0	132.0	-26.0	8.062	31	2.05	2.53	8	
HARTSHORNE	3946	6	****	0	****	****	0	****	0	****	****	****	****	****	8.800	31	****	2.55	8
HASKELL	3956	6	****	0	****	****	0	****	0	****	****	****	****	****	8.501	31	3.29	2.10	8
HOLDENVILLE	4235	6	67.3	31	-2.1	92.	13	41.	2	52.0	32.0	124.0	-32.0	5.891	31	.50	2.08	8	
LAKE EUFAULA	4975	6	65.0	31	****	90.	16	39.	2	91.5	****	92.5	****	7.241	31	****	2.59	8	
LYONS 2 N	5437	6	****	0	****	****	0	****	0	****	****	****	****	****	7.810	31	2.20	2.62	8
MCALESTER FAA	5664	6	68.7	30	-.4	91.	15	42.	2	44.0	9.0	153.5	-8.5	6.022	31	.13	2.59	8	
MCCURTAIN 1 SE	5693	6	69.0	31	-7.7	90.	14	43.	2	36.0	10.0	159.0	-12.0	5.174	31	-.87	2.08	8	
MUSKOGEE	6130	6	67.4	31	-1.7	90.	13	41.	2	55.0	22.0	128.5	-31.5	7.290	31	2.17	2.25	8	
OKMULGEE W W	6670	6	64.6	27	****	91.	13	40.	2	82.5	****	73.0	****	8.291	31	2.85	2.46	8	
OKTAHA 2 NE	6678	6	****	0	****	****	0	****	0	****	****	****	****	****	6.120	31	****	2.37	8
QUINTON	7372	6	****	0	****	****	0	****	0	****	****	****	****	****	5.466	31	-.42	2.67	7
SALLISAW 2 NW	7862	6	65.6	29	****	87.	16	41.	2	81.5	****	97.5	****	8.410	31	2.60	2.42	8	
SCIPIO	7979	6	****	0	****	****	0	****	0	****	****	****	****	****	7.060	31	****	2.50	8
SCRAPER	7993	6	****	0	****	****	0	****	0	****	****	****	****	****	4.006	31	****	1.30	7
SHORT	8170	6	****	0	****	****	0	****	0	****	****	****	****	****	7.690	31	****	2.43	8
STILWELL 1 NE	8506	6	64.5	31	-2.9	86.	14	35.	2	94.5	42.5	79.0	-47.0	8.900	31	3.23	2.55	8	
TAHLEQUAH	8677	6	65.6	31	-2.4	89.	14	39.	2	80.0	18.0	97.5	-57.5	6.850	31	1.47	2.35	8	
WEBBERS FALLS	9445	6	65.6	31	-2.9	90.	14	39.	3	87.0	45.0	105.5	-44.5	7.191	31	1.55	2.26	8	
WESTVILLE	9523	6	****	0	****	****	0	****	0	****	****	****	****	****	8.560	31	****	3.35	8
WETUMKA 3 NE	9571	6	****	0	****	****	0	****	0	****	****	****	****	****	6.870	31	1.58	1.70	8

MAY 1995 SUMMARY FOR SOUTHWEST DIVISION (CD7)

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 TEMP, 24-HR DAY. Lists 30 stations including ALTUS IRR STA, ALTUS DAM, ANADARKO, etc.

MAY 1995 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 TEMP, 24-HR DAY. Lists 30 stations including ADA, ALLEN, ARDMORE, etc.

MAY 1995 SUMMARY FOR SOUTHEAST DIVISION (CD9)

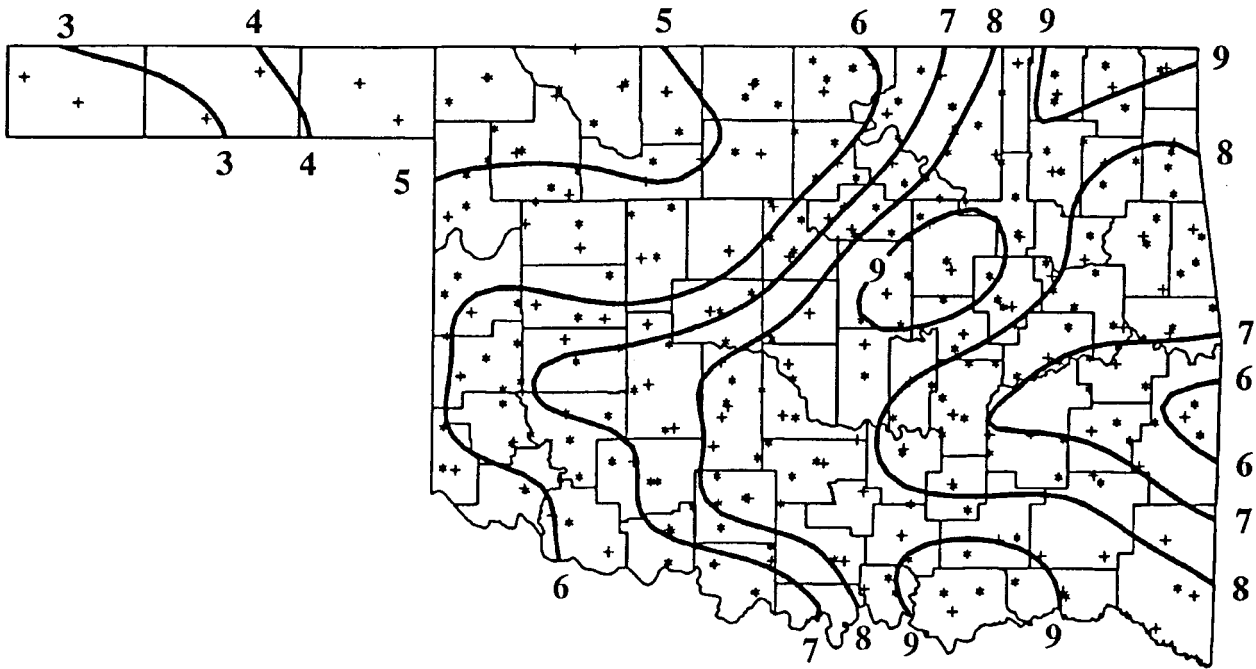
NAME	ID	CD	DEV						HEAT		DEV		COOL		DEV		TOT	NUM	FROM	MAX	DAY
			MEAN	NUM	FROM	MAX	MIN	DAY	TEMP	DAY	DEG	FROM	DEG	FROM	PPT	OBS					
ANTLERS	256	9	69.2	31	-.5	88.	22	40.	2	40.0	24.0	170.5	9.5	*****	0	*****	*****	0	*****	*****	0
BATTIEST 1 SSW	567	9	65.3	20	*****	84.	28	40.	2	50.5	*****	57.0	*****	8.070	23	*****	*****	2.80	8		
BEAR MT TWR	584	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	7.400	29	*****	*****	3.21	8		
BENGAL	670	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	9.790	31	*****	*****	2.73	8		
BOSWELL 4 NNW	980	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	11.214	31	5.54	2.61	8			
BROKEN BOW 1 N	1162	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	8.990	31	2.67	2.44	7			
FANSHAWE	3065	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	5.770	31	-.86	2.36	8			
HEAVENER 1 SE	4008	9	*****	0	*****	****	0	****	0	*****	*****	*****	*****	4.610	31	-1.89	3.20	7			
HUGO	4384	9	71.7	31	.7	95.	14	46.	2	15.5	5.5	223.0	27.0	8.232	31	2.25	2.30	8			
IDABEL	4451	9	68.5	31	-1.2	90.	15	40.	3	50.0	31.0	158.0	-6.0	8.051	31	2.15	1.67	25			
PINE CREEK DAM	7080	9	70.0	29	*****	90.	16	43.	2	32.5	*****	178.5	*****	7.682	29	*****	3.00	8			
POTEAU W W	7254	9	67.9	31	*****	92.	15	42.	2	52.5	*****	141.5	*****	4.420	31	*****	2.20	7			
SMITHVILLE 1 W	8285	9	66.8	30	-.7	87.	28	41.	2	61.5	18.5	114.5	-5.5	7.682	29	*****	3.00	8			
TUSKAHOMA	9023	9	68.8	31	-.9	91.	15	39.	2	48.5	32.5	166.5	4.5	7.092	31	.39	2.55	8			
WILBURTON 9	ENE9634	9	68.8	31	-.1	94.	15	41.	2	42.0	4.0	159.0	.0	5.750	31	-.34	2.62	7			

MAY 1995 CLIMATE DIVISION SUMMARY

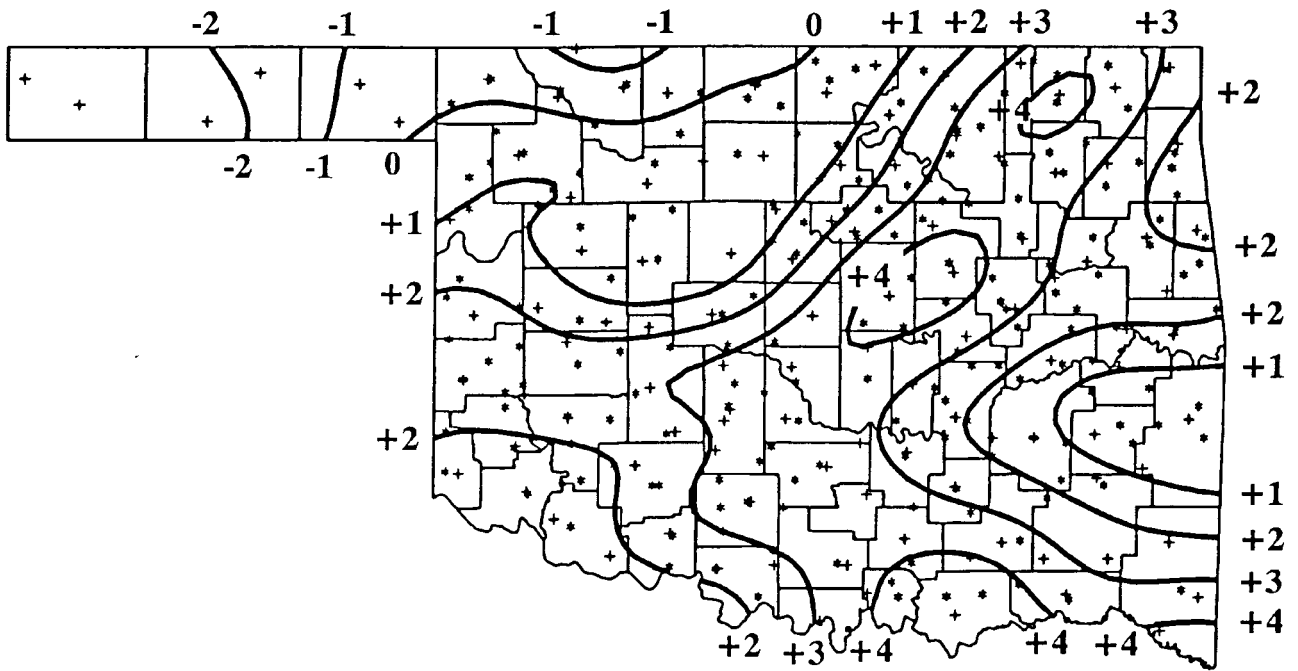
CLIMATE	MEAN	NUM	DEV			HEAT			DEV			DEV			TOT	NUM	FROM	MAX	DAY
			FROM	MAX	MIN	DEGREE	FROM	DEGREE	FROM	DEGREE	FROM	DEGREE	FROM	DEGREE					
DIV 1	59.4	8	-5.8	89.0	23	33.0	5	193.3	98.1	18.9	-80.6	4.37	12	1.10	3.80	7			
2	62.5	14	-5.4	90.0	14	31.0	2	126.5	73.3	49.5	-94.7	5.12	21	.84	2.30	27			
3	64.9	18	-3.0	92.0	13	35.0	2	86.6	35.4	82.8	-57.6	8.38	30	3.53	4.32	8			
4	63.8	8	-4.4	92.0	13	37.0	2	94.3	53.5	58.3	-84.1	6.16	18	1.69	2.54	27			
5	65.8	7	-3.3	93.0	14	34.0	2	75.7	45.0	99.4	-57.8	8.26	14	3.11	4.50	24			
6	66.7	9	-2.3	92.0	13	35.0	2	66.4	33.2	119.1	-37.2	7.28	30	1.70	4.30	7			
7	66.4	11	-3.9	95.0	13	40.0	1	56.2	38.7	100.5	-82.9	6.87	21	2.29	4.36	25			
8	67.9	11	-2.4	94.0	13	38.0	18	47.0	32.6	135.3	-43.1	8.95	26	3.59	4.51	24			
9	68.8	7	-.7	95.0	14	39.0	2	44.3	22.7	161.9	.9	7.39	10	1.10	3.21	8			

OKLAHOMA MESONETWORK SUMMARY MAY 1995

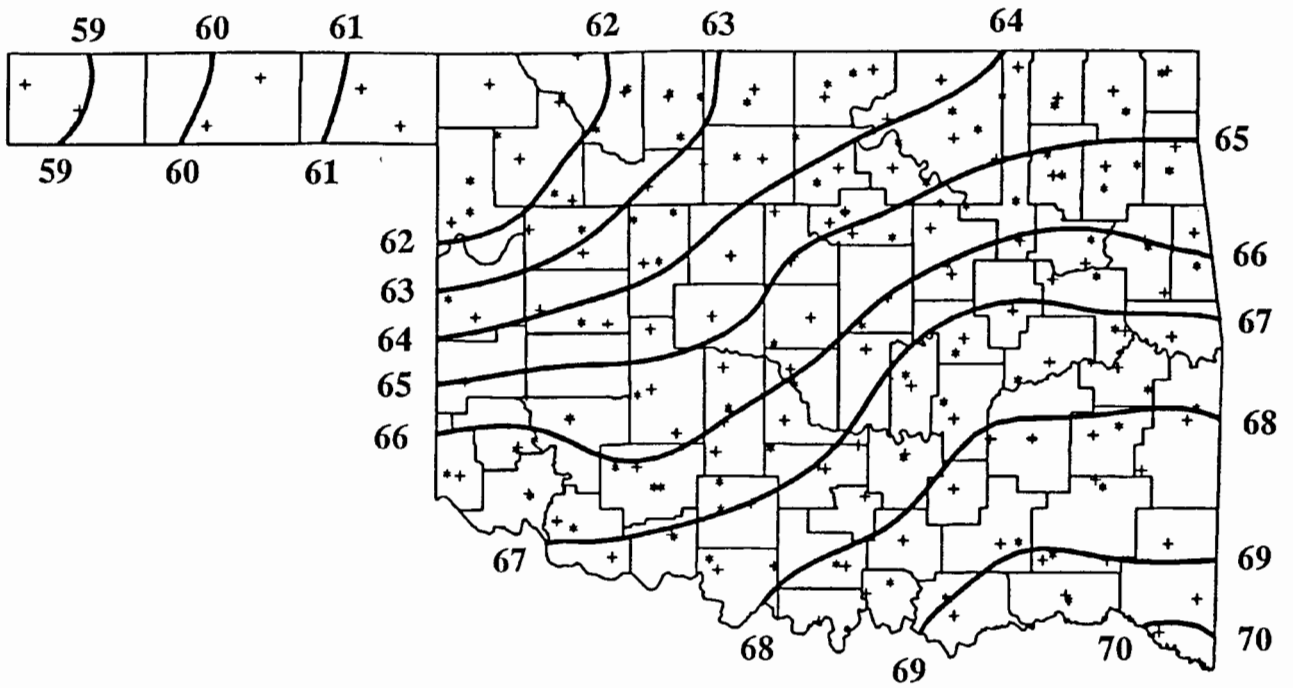
NORTHWEST											
CD Location	County	Temp	Pcpt	HDD	CDD	CD Location	County	Temp	Pcpt	HDD	CDD
1 ARNETT	ELLIS	61.7	5.21	142	40	1 GOODWELL	TEXAS	60.4	1.62	174	32
1 BEAVER	BEAVER	61.4	4.71	148	37	1 HOOKER	TEXAS	59.7	4.58	189	26
1 BOISE CITY	CIMARRON	58.9	3.12	210	21	1 KENTON	CIMARRON	57.7	2.79	245	19
1 BUFFALO	HARPER	62.3	5.30	125	43	1 SLAPOUT	BEAVER	61.9	4.74	138	41
NORTH CENTRAL											
CD Location	County	Temp	Pcpt	HDD	CDD	CD Location	County	Temp	Pcpt	HDD	CDD
2 ALVA	WOODS	61.0	2.00	153	29	2 MAY RANCH	WOODS	62.0	4.39	133	41
2 BLACKWELL	KAY	64.4	4.44	90	72	2 MEDFORD	GRANT	64.0	4.28	99	67
2 BRECKENRIDGE	GARFIELD	64.3	5.60	95	72	2 NEWKIRK	KAY	62.0	4.63	129	38
2 CHEROKEE	ALFALFA	62.0	4.10	132	38	2 RED ROCK	NOBLE	64.0	5.52	97	66
2 FAIRVIEW	MAJOR	63.7	5.05	105	64	2 SELLING	WOODWARD	63.4	5.77	103	52
2 FREEDOM	WOODWARD	62.6	3.50	121	46	2 WOODWARD	WOODWARD	62.7	4.29	117	47
2 LAHOMA	MAJOR	63.2	4.81	114	59						
NORTHEAST											
CD Location	County	Temp	Pcpt	HDD	CDD	CD Location	County	Temp	Pcpt	HDD	CDD
3 BIXBY	TULSA	67.8	6.78	48	136	3 NOWATA	NOWATA	65.2	8.83	86	92
3 BURBANK	OSAGE	63.0	6.04	118	55	3 PAWNEE	PAWNEE	65.6	6.23	78	97
3 CLAREMORE	ROGERS	66.3	7.41	68	110	3 PRYOR	MAYES	66.7	7.35	62	115
3 COPAN	WASHINGTON	63.9	7.08	103	68	3 SKIATOOK	OSAGE	65.9	9.95	73	101
3 FORAKER	OSAGE	62.3	6.89	124	42	3 TULLAHASSEE	WAGONER	66.2	7.56	71	108
3 JAY	DELAWARE	63.6	7.71	112	68	3 VINITA	CRAIG	64.1	9.39	97	70
3 MIAMI	OTTAWA	63.4	9.10	107	58	3 WYONOA	OSAGE	65.5	8.83	80	96
WEST CENTRAL											
CD Location	County	Temp	Pcpt	HDD	CDD	CD Location	County	Temp	Pcpt	HDD	CDD
4 BESSIE	WASHITA	999.0	6.13	9999	9999	4 PUTNAM	DEWEY	63.6	3.83	102	58
4 BUTLER	CUSTER	64.3	6.98	82	62	4 RETROP	WASHITA	65.9	7.70	63	91
4 CAMARGO	DEWEY	61.7	4.63	131	29	4 WATONGA	BLAINE	64.1	3.47	97	70
4 CHEYENNE	ROGER MILLS	62.6	9.83	118	43	4 WEATHERFORD	CUSTER	64.3	5.75	89	67
4 ERICK	BECKHAM	64.8	5.48	76	71						
CENTRAL											
CD Location	County	Temp	Pcpt	HDD	CDD	CD Location	County	Temp	Pcpt	HDD	CDD
5 ACME	GRADY	66.0	4.95	70	100	5 MINCO	GRADY	65.7	8.00	71	91
5 BOWLEGS	SEMINOLE	67.7	9.18	56	141	5 NINNEKAH	GRADY	67.3	9.04	53	124
5 BRISTOW	CREEK	66.5	10.94	69	115	5 NORMAN	CLEVELAND	66.9	11.31	60	120
5 CHANDLER	LINCOLN	65.2	11.65	85	90	5 OILTON	CREEK	65.7	9.66	81	103
5 CHICKASHA	GRADY	65.8	8.41	72	98	5 OKEMAH	OKFUSKEE	67.2	9.37	60	128
5 EL RENO	CANADIAN	64.1	5.97	99	70	5 PERKINS	PAYNE	66.5	7.04	72	120
5 GUTHRIE	LOGAN	66.1	5.66	72	105	5 SHAWNEE	POTTAWATOMIE	65.7	5.57	79	102
5 KINGFISHER	KINGFISHER	63.4	4.56	108	60	5 SPENCER	OKLAHOMA	64.7	8.12	92	82
5 MARENA	PAYNE	64.7	6.05	88	80	5 STILLWATER	PAYNE	64.4	5.66	98	81
5 MARSHALL	LOGAN	63.3	6.19	111	57	5 WASHINGTON	MCCLAIN	65.2	7.55	86	129
EAST CENTRAL											
CD Location	County	Temp	Pcpt	HDD	CDD	CD Location	County	Temp	Pcpt	HDD	CDD
6 CALVIN	HUGHES	68.3	6.42	43	145	6 SALLISAW	SEQUOYAH	69.5	9.03	33	173
6 COOKSON	CHEROKEE	66.6	8.50	74	123	6 STIGLER	HASKELL	67.3	7.03	59	131
6 EUFAULA	MCINTOSH	67.7	7.16	51	134	6 STUART	PITTSBURG	68.2	5.06	45	144
6 HASKELL	MUSKOGEE	67.5	8.13	56	133	6 TAHLEQUAH	CHEROKEE	64.8	6.56	95	89
6 MCALESTER	PITTSBURG	67.7	5.55	53	136	6 WEBBERS FALLS	MUSKOGEE	68.2	6.89	47	147
6 OKMULGEE	OKMULGEE	67.7	8.43	52	136	6 WESTVILLE	ADAIR	66.4	7.18	72	115
SOUTHWEST											
CD Location	County	Temp	Pcpt	HDD	CDD	CD Location	County	Temp	Pcpt	HDD	CDD
7 ALTUS	JACKSON	67.3	4.99	49	120	7 HOLLIS	HARMON	67.0	6.07	49	112
7 APACHE	CADDO	64.1	7.24	87	60	7 MANGUM	GREER	67.1	5.63	50	115
7 FORT COBB	CADDO	64.8	6.59	82	76	7 MEDICINE PARK	COMANCHE	67.0	5.89	50	111
7 GRANDFIELD	TILLMAN	67.3	7.49	50	120	7 TIPTON	TILLMAN	67.0	4.43	48	111
7 HINTON	CADDO	64.0	5.47	94	62	7 WALTERS	COTTON	68.0	6.95	38	130
7 HOBART	KIOWA	64.9	7.68	80	78						
SOUTH CENTRAL											
CD Location	County	Temp	Pcpt	HDD	CDD	CD Location	County	Temp	Pcpt	HDD	CDD
8 ADA	PONTOTOC	68.4	3.46	46	151	8 LANE	ATOKA	70.0	8.88	30	184
8 ARDMORE	CARTER	68.2	7.74	47	147	8 MADILL	MARSHALL	70.2	8.95	30	192
8 BURNEYVILLE	LOVE	68.6	6.24	46	159	8 PAULS VALLEY	GARVIN	67.0	9.32	54	116
8 BYARS	GARVIN	66.9	8.70	57	116	8 RINGLING	JEFFERSON	67.4	6.54	49	125
8 CENTRAHOMA	COAL	68.9	5.50	42	163	8 SULPHUR	MURRAY	67.4	8.46	57	132
8 DURANT	BRYAN	70.2	9.21	32	192	8 TISHOMINGO	JOHNSTON	67.2	6.85	60	129
8 KETCHUM RANCH	STEPHENS	66.4	8.73	53	95	8 WAURIKA	JEFFERSON	68.0	8.12	41	134
SOUTHEAST											
CD Location	County	Temp	Pcpt	HDD	CDD	CD Location	County	Temp	Pcpt	HDD	CDD
9 ANTLERS	PUSHMATAHA	69.7	7.94	42	186	9 IDABEL	MCCURTAIN	71.1	7.60	25	215
9 BROKEN BOW	MCCURTAIN	70.8	9.23	26	205	9 MT BERMAN	MCCURTAIN	66.9	7.45	69	128
9 CLAYTON	PUSHMATAHA	67.3	6.93	55	128	9 TALIHINA	LEFLORE	68.4	7.54	45	150
9 CLOUDY	PUSHMATAHA	68.7	9.63	44	160	9 WILBURTON	LATIMER	68.8	6.47	42	160
9 HUGO	CHOCTAW	68.7	6.20	44	159	9 WISTER	LEFLORE	67.5	4.13	54	132



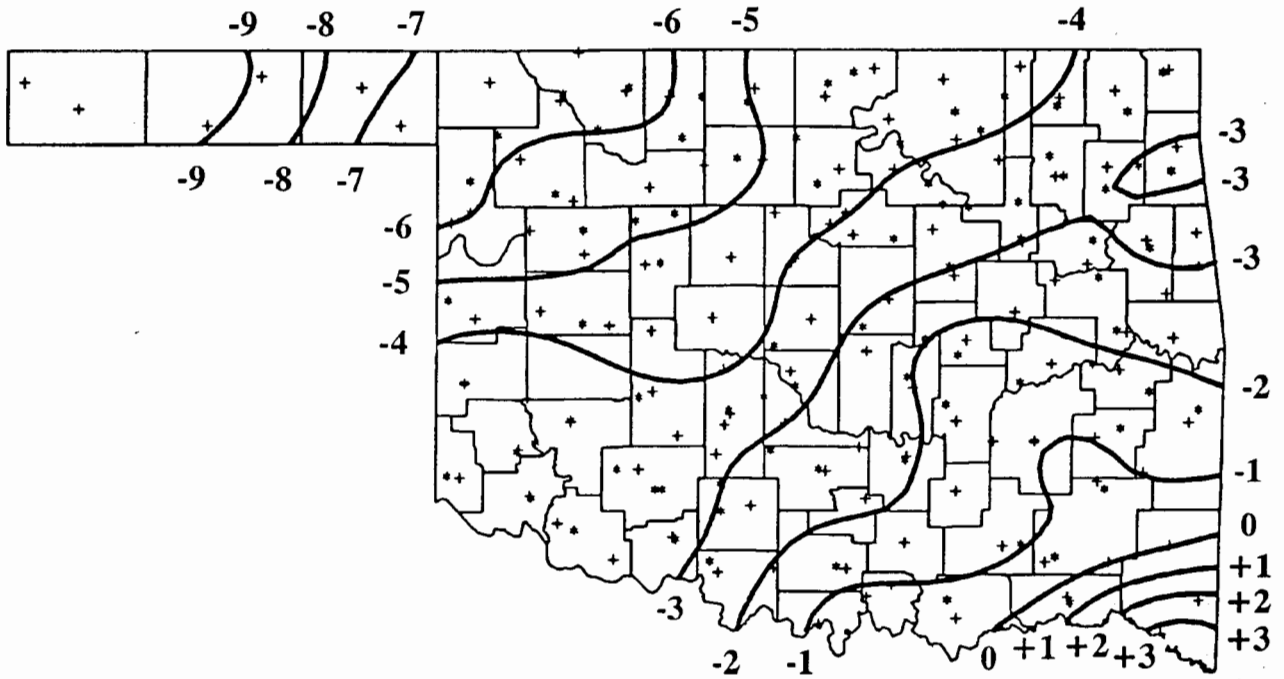
MAY 1995 TOTAL PRECIPITATION
(Inches)



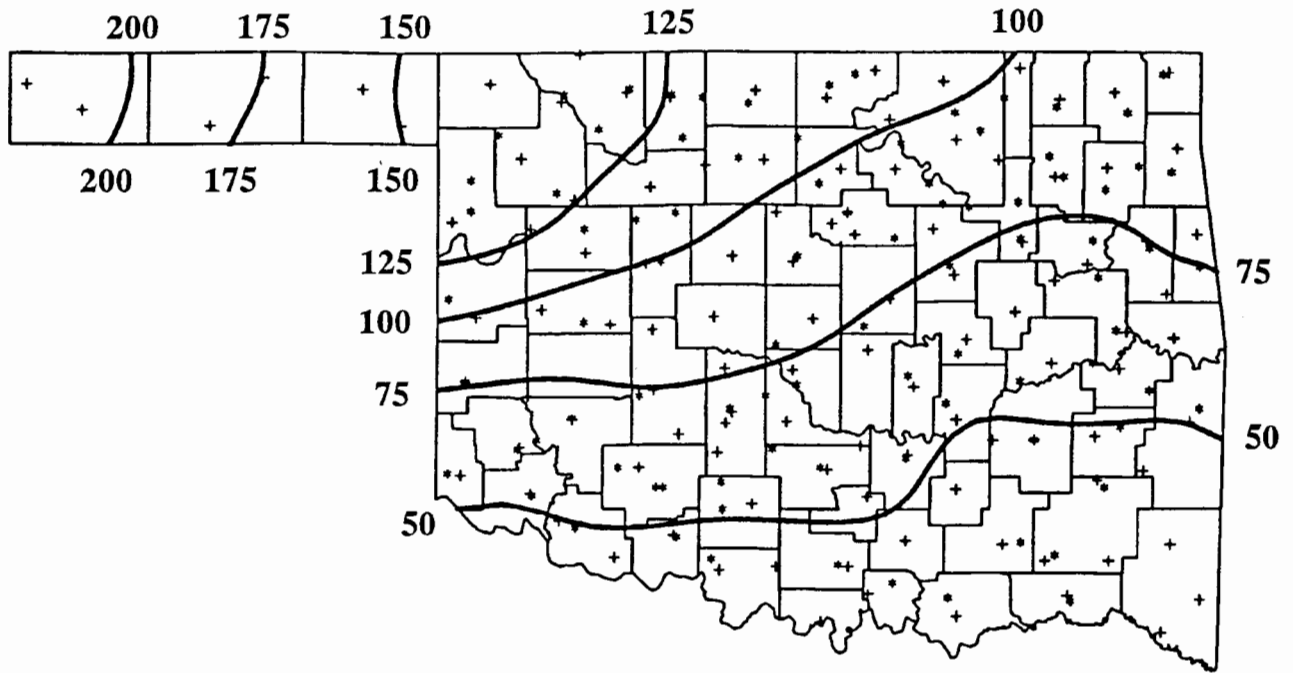
MAY 1995 DEVIATION FROM NORMAL PRECIPITATION
(Inches)



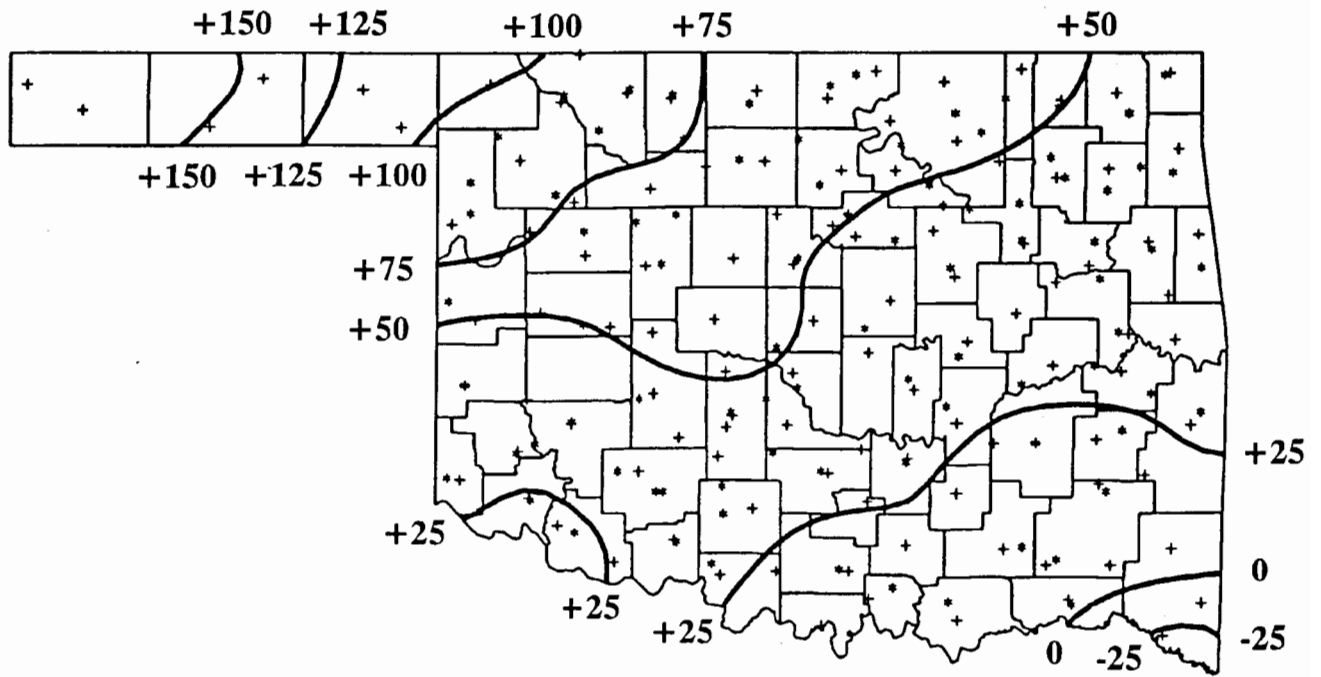
MAY 1995 AVERAGE MONTHLY TEMPERATURES
(Degrees F)



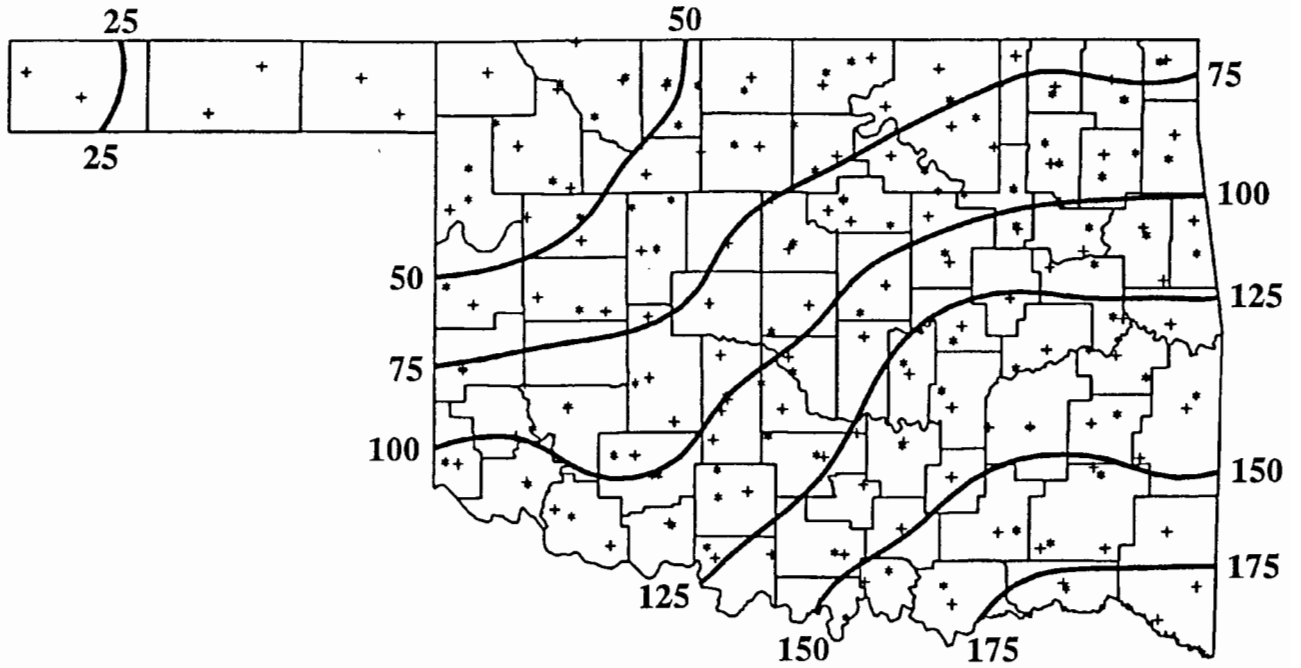
MAY 1995 DEVIATION FROM NORMAL TEMPERATURES
(Degrees F)



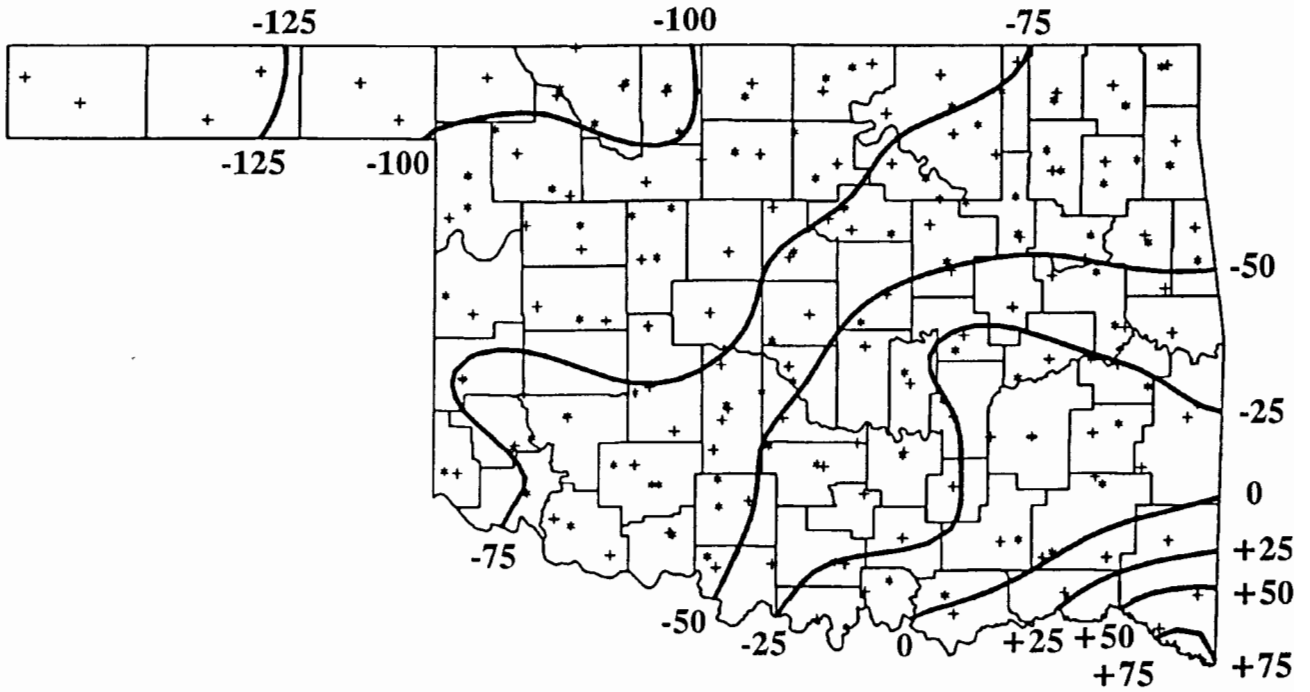
MAY 1995 HEATING DEGREE DAYS



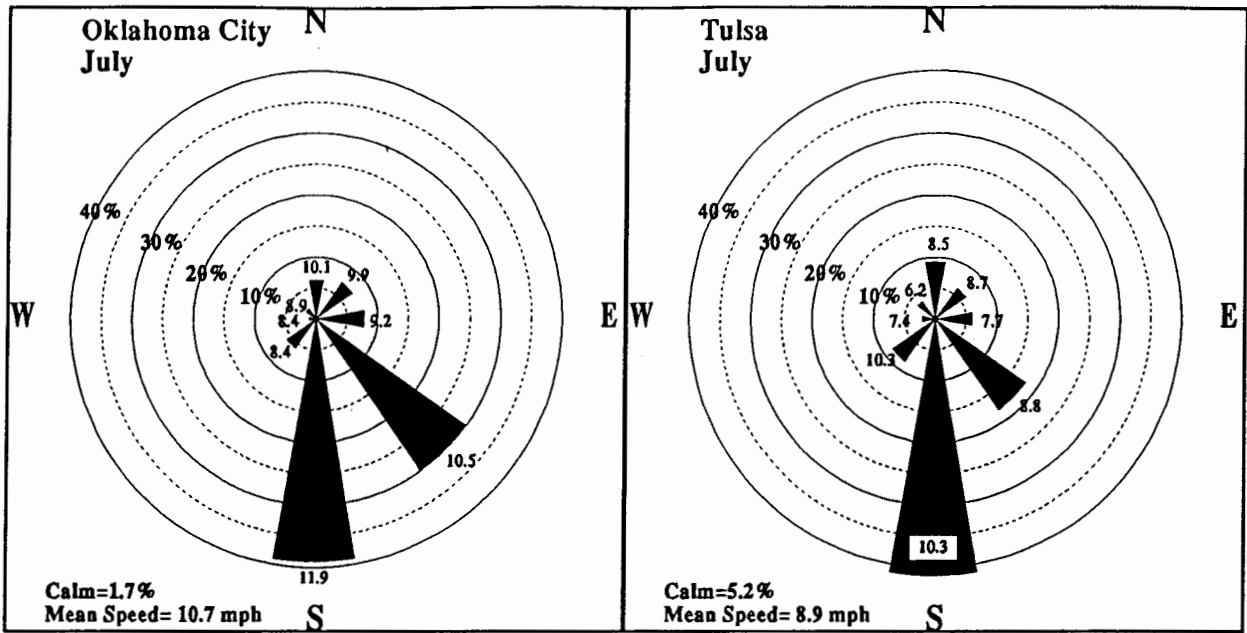
MAY 1995 DEVIATION FROM NORMAL HEATING DEGREE DAYS



MAY 1995 COOLING DEGREE DAYS



MAY 1995 DEVIATION FROM NORMAL COOLING DEGREE DAYS



July Wind Roses for Oklahoma City and Tulsa. Percents represent the frequency of winds from each direction. The numbers at the ends of the bars indicate the average wind speed (miles per hour) from that direction.

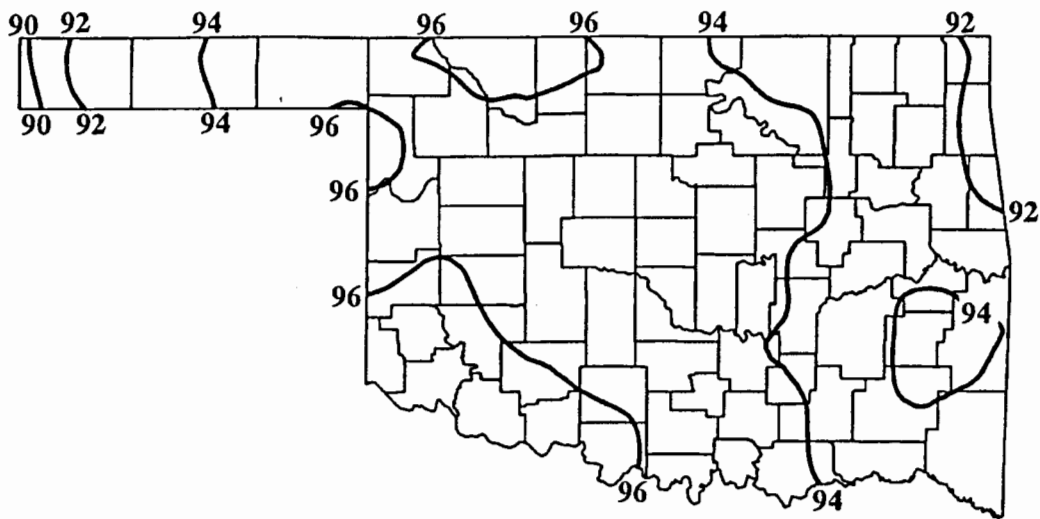
JULY 1995 SUNRISE AND SUNSET

OKLAHOMA CITY

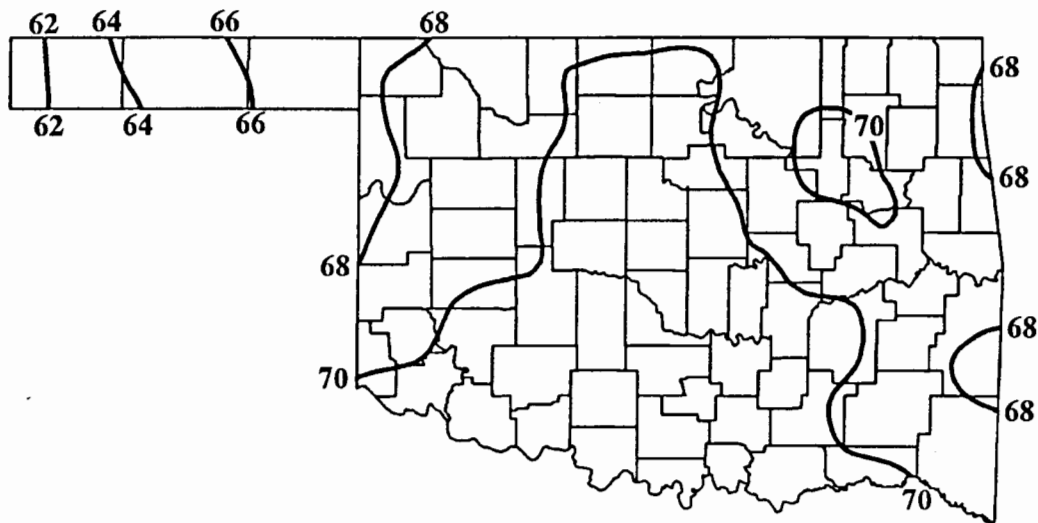
TULSA

DATE	SUNRISE	SUNSET	DAYLIGHT
95 7 1	6:21AM	8:47PM CDT	14 hrs 27 mins
95 7 2	6:21AM	8:47PM CDT	14 hrs 26 mins
95 7 3	6:22AM	8:47PM CDT	14 hrs 26 mins
95 7 4	6:22AM	8:47PM CDT	14 hrs 25 mins
95 7 5	6:22AM	8:47PM CDT	14 hrs 25 mins
95 7 6	6:23AM	8:47PM CDT	14 hrs 24 mins
95 7 7	6:23AM	8:47PM CDT	14 hrs 23 mins
95 7 8	6:24AM	8:47PM CDT	14 hrs 23 mins
95 7 9	6:24AM	8:46PM CDT	14 hrs 22 mins
95 7 10	6:25AM	8:46PM CDT	14 hrs 21 mins
95 7 11	6:25AM	8:46PM CDT	14 hrs 20 mins
95 7 12	6:26AM	8:46PM CDT	14 hrs 20 mins
95 7 13	6:27AM	8:45PM CDT	14 hrs 19 mins
95 7 14	6:27AM	8:45PM CDT	14 hrs 18 mins
95 7 15	6:28AM	8:45PM CDT	14 hrs 17 mins
95 7 16	6:28AM	8:44PM CDT	14 hrs 16 mins
95 7 17	6:29AM	8:44PM CDT	14 hrs 15 mins
95 7 18	6:30AM	8:43PM CDT	14 hrs 14 mins
95 7 19	6:30AM	8:43PM CDT	14 hrs 13 mins
95 7 20	6:31AM	8:42PM CDT	14 hrs 12 mins
95 7 21	6:32AM	8:42PM CDT	14 hrs 10 mins
95 7 22	6:32AM	8:41PM CDT	14 hrs 9 mins
95 7 23	6:33AM	8:41PM CDT	14 hrs 8 mins
95 7 24	6:34AM	8:40PM CDT	14 hrs 7 mins
95 7 25	6:34AM	8:40PM CDT	14 hrs 5 mins
95 7 26	6:35AM	8:39PM CDT	14 hrs 4 mins
95 7 27	6:36AM	8:38PM CDT	14 hrs 3 mins
95 7 28	6:36AM	8:38PM CDT	14 hrs 1 mins
95 7 29	6:37AM	8:37PM CDT	14 hrs 0 mins
95 7 30	6:38AM	8:36PM CDT	13 hrs 58 mins
95 7 31	6:38AM	8:35PM CDT	13 hrs 57 mins

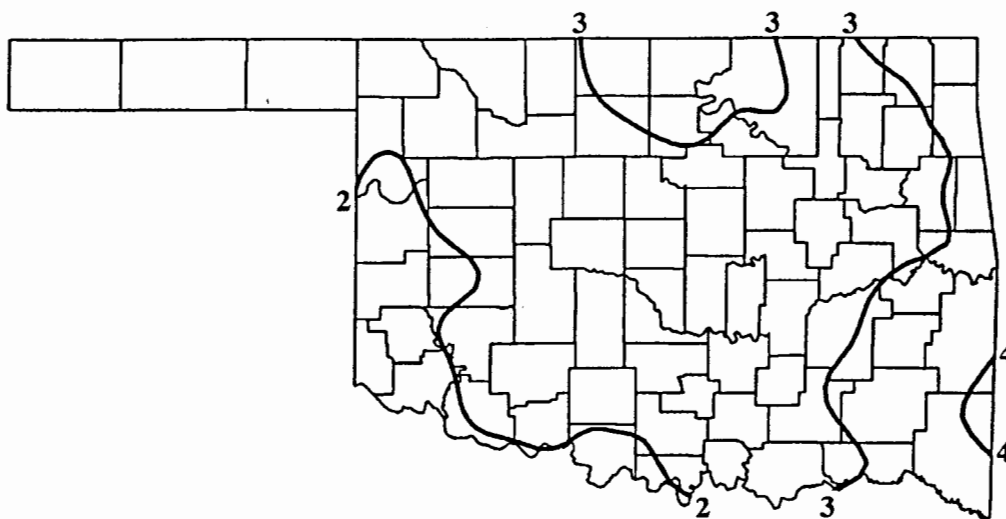
DATE	SUNRISE	SUNSET	DAYLIGHT
95 7 1	6:12AM	8:43PM CDT	14 hrs 31 mins
95 7 2	6:12AM	8:43PM CDT	14 hrs 30 mins
95 7 3	6:13AM	8:43PM CDT	14 hrs 30 mins
95 7 4	6:13AM	8:42PM CDT	14 hrs 29 mins
95 7 5	6:14AM	8:42PM CDT	14 hrs 29 mins
95 7 6	6:14AM	8:42PM CDT	14 hrs 28 mins
95 7 7	6:14AM	8:42PM CDT	14 hrs 28 mins
95 7 8	6:15AM	8:42PM CDT	14 hrs 27 mins
95 7 9	6:16AM	8:42PM CDT	14 hrs 26 mins
95 7 10	6:16AM	8:41PM CDT	14 hrs 25 mins
95 7 11	6:17AM	8:41PM CDT	14 hrs 25 mins
95 7 12	6:17AM	8:41PM CDT	14 hrs 24 mins
95 7 13	6:18AM	8:41PM CDT	14 hrs 23 mins
95 7 14	6:18AM	8:40PM CDT	14 hrs 22 mins
95 7 15	6:19AM	8:40PM CDT	14 hrs 21 mins
95 7 16	6:20AM	8:39PM CDT	14 hrs 20 mins
95 7 17	6:20AM	8:39PM CDT	14 hrs 19 mins
95 7 18	6:21AM	8:39PM CDT	14 hrs 18 mins
95 7 19	6:22AM	8:38PM CDT	14 hrs 17 mins
95 7 20	6:22AM	8:38PM CDT	14 hrs 15 mins
95 7 21	6:23AM	8:37PM CDT	14 hrs 14 mins
95 7 22	6:24AM	8:36PM CDT	14 hrs 13 mins
95 7 23	6:24AM	8:36PM CDT	14 hrs 12 mins
95 7 24	6:25AM	8:35PM CDT	14 hrs 10 mins
95 7 25	6:26AM	8:35PM CDT	14 hrs 9 mins
95 7 26	6:26AM	8:34PM CDT	14 hrs 8 mins
95 7 27	6:27AM	8:33PM CDT	14 hrs 6 mins
95 7 28	6:28AM	8:32PM CDT	14 hrs 5 mins
95 7 29	6:28AM	8:32PM CDT	14 hrs 3 mins
95 7 30	6:29AM	8:31PM CDT	14 hrs 2 mins
95 7 31	6:30AM	8:30PM CDT	14 hrs 0 mins



July Normal Daily Maximum Temperatures (°F)



July Normal Daily Minimum Temperatures (°F)



July Normal Monthly Precipitation (inches)

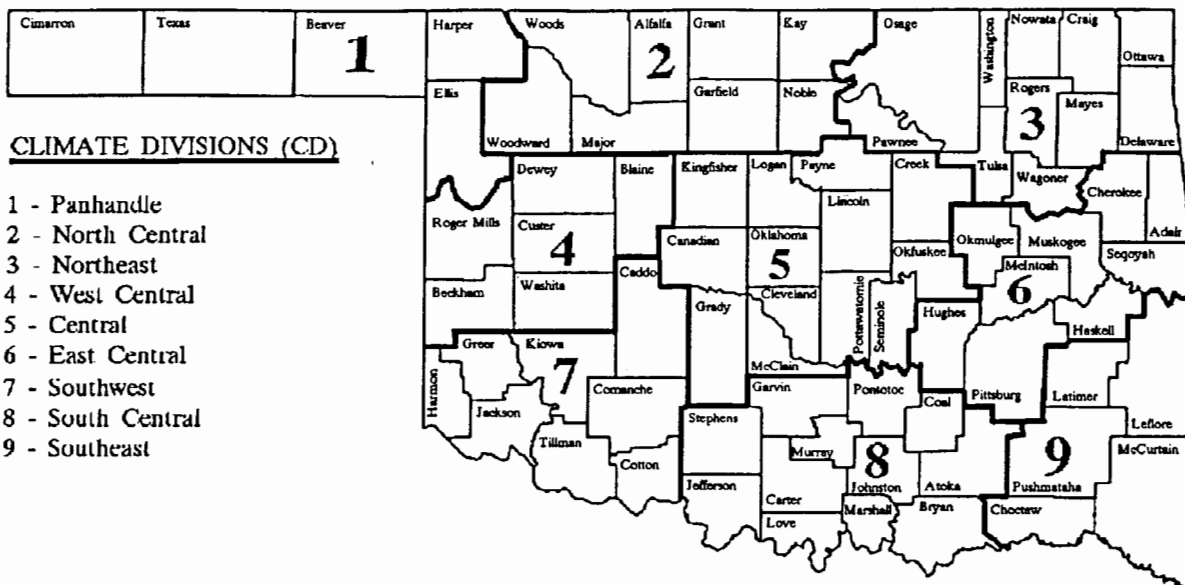
SEASONAL NATIONAL WEATHER SERVICE OUTLOOK

(July through September 1995)

Precipitation - Near Normal Statewide

Temperature - Below Normal North
Near Normal Elsewhere

OKLAHOMA



EXPLANATION OF TABLES

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

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

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

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

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

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

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

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

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

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

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

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

OKLAHOMA CITY CLIMATE CALENDAR

JULY 1995

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	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual				
90.3 69.5 1.9 0 15	max min ppt hdd cdd	92.0 70.3 0 16	max min ppt hdd cdd	91.4 69.5 1.0 0 15	max min ppt hdd cdd	91.4 69.5 1.0 0 15	max min ppt hdd cdd	92.0 69.5 0.7 0 16	max min ppt hdd cdd	92.5 70.3 0.6 0 16	max min ppt hdd cdd	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	103-1917 72-1924 58-1924 78-1980 1.70-1922	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	105-1980 75-1908 57-1906 78-1953 2.97-1947	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	103-1911 77-1958 55-1915 80-1933 3.21-1979	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	105-1953 79-1958 55-1972 80-1953 1.84-1929	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	105-1970 78-1960 57-1952 78-1909 2.03-1995
92.8 70.5 0.3 0 17	max min ppt hdd cdd	93.1 70.5 0.4 0 17	max min ppt hdd cdd	93.1 70.5 0.4 0 17	max min ppt hdd cdd	93.1 70.5 0.4 0 17	max min ppt hdd cdd	92.8 70.5 0.3 0 17	max min ppt hdd cdd	92.8 69.8 0.6 0 16	max min ppt hdd cdd	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	105-1964 71-1905 56-1891 80-1933 2.14-1898	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	106-1964 71-1905 56-1891 80-1933 2.14-1898	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	106-1954 73-1953 56-1975 81-1934 2.10-1963	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	107-1954 80-1926 57-1950 80-1934 1.28-1992	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	107-1954 80-1926 57-1950 80-1934 1.28-1992
92.5 70.5 0.8 0 17	max min ppt hdd cdd	92.8 70.8 0.4 0 17	max min ppt hdd cdd	93.6 71.8 0.6 0 18	max min ppt hdd cdd	93.6 71.8 0.6 0 18	max min ppt hdd cdd	93.4 71.4 0.6 0 17	max min ppt hdd cdd	93.3 70.9 0.6 0 17	max min ppt hdd cdd	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	108-1980 74-1967 61-1891 79-1939 3.54-1900	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	106-1980 80-1950 63-1992 78-1943 1.71-1959	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	107-1936 77-1944 80-1970 79-1934 1.48-1897	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	107-1939 78-1970 54-1970 80-1081 1.47-1950	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	107-1939 78-1970 54-1970 80-1081 1.47-1950
92.8 71.0 1.0 0 17	max min ppt hdd cdd	92.4 70.1 0.7 0 16	max min ppt hdd cdd	94.1 71.8 0.7 0 18	max min ppt hdd cdd	94.1 71.8 0.7 0 18	max min ppt hdd cdd	93.7 72.0 0.8 0 18	max min ppt hdd cdd	93.7 71.3 0.25 0 18	max min ppt hdd cdd	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	104-1981 77-1989 55-1970 79-1981 3.02-1960	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	106-1977 76-1906 58-1911 83-1934 1.96-1906	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	106-1978 75-1959 63-1911 79-1981 0.88-1978	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	108-1985 75-1981 58-1994 80-1986 1.80-1983	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	108-1985 75-1981 58-1994 80-1986 1.80-1983
93.4 71.0 1.6 0 17	max min ppt hdd cdd	93.5 71.2 0.4 0 17	max min ppt hdd cdd	92.7 70.8 0.6 0 17	max min ppt hdd cdd	92.7 70.8 0.6 0 17	max min ppt hdd cdd	92.7 70.8 0.6 0 17	max min ppt hdd cdd	92.7 70.8 0.6 0 17	max min ppt hdd cdd	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	109-1986 76-1992 60-1994 79-1966 2.02-1975	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	109-1986 76-1992 60-1994 79-1966 2.02-1975	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	109-1986 76-1992 60-1994 79-1966 2.02-1975	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	109-1986 76-1992 60-1994 79-1966 2.02-1975	Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	109-1986 76-1992 60-1994 79-1966 2.02-1975

JULY AVERAGES

TEMPERATURE : 81.8°F
 PRECIPITATION : 2.84"
 HEATING DEGREE DAYS : 0
 COOLING DEGREE DAYS : 520

TULSA CLIMATE CALENDAR

July 1995

The data on this calendar are for Tulsa. Normal values are calculated for the period 1948-1992; Temperature extremes are for the period 1905-1994; Precipitation extremes are for the period 1948-1994.

Normal 1	Actual	Normal 2	Actual	Normal 3	Actual	Normal 4	Actual	Normal 5	Actual	Normal 6	Actual	Normal 7	Actual
91.0 71.0 -1.0 0 16 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	106-1917 73-1951 57-1924 82-1980 90-1959	93.0 72.0 -0.7 0 17 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	105-1923 78-1951 54-1924 83-1980 1-41-1972	93.0 72.0 -1.4 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	107-1911 81-1972 50-1924 80-1983 1-89-1960	92.0 72.0 -1.0 0 17 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	108-1911 76-1972 55-1924 85-1980 1-30-1960	92.0 71.0 -1.0 0 17 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	108-1911 77-1972 53-1915 82-1990 1-56-1950	93.0 71.0 -1.0 0 17 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	105-1917 78-1960 55-1972 82-1980 1-52-1965	93.0 72.0 -0.7 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	103-1917 79-1958 58-1987 84-1980 1-35-1994
Normal 8	Actual	Normal 9	Actual	Normal 10	Actual	Normal 11	Actual	Normal 12	Actual	Normal 13	Actual	Normal 14	Actual
93.0 72.0 -0.4 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	106-1917 81-1959 61-1958 81-1980 60-1959	94.0 72.0 -0.5 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	107-1925 73-1950 59-1952 82-1980 85-1949	94.0 73.0 -1.2 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	105-1933 75-1950 59-1961 84-1980 1-17-1962	94.0 73.0 -1.0 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	107-1954 72-1963 59-1905 82-1969 2-30-1963	94.0 73.0 -1.3 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	109-1954 66-1953 59-1975 84-1980 1-35-1953	93.0 72.0 -1.2 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	111-1954 78-1953 54-1975 85-1980 1-75-1994	94.0 72.0 -1.5 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	112-1954 77-1961 54-1987 85-1954 3-25-1994
Normal 15	Actual	Normal 16	Actual	Normal 17	Actual	Normal 18	Actual	Normal 19	Actual	Normal 20	Actual	Normal 21	Actual
92.0 73.0 -0.22 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	111-1936 78-1959 54-1967 85-1980 3-91-1961	93.0 73.0 -1.2 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	109-1980 72-1967 57-1967 87-1980 2-55-1967	94.0 73.0 -0.9 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	110-1936 82-1950 59-1967 82-1980 1-85-1989	95.0 74.0 -0.4 0 20 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	113-1936 74-1967 64-1984 84-1984 7-7-1987	95.0 74.0 -0.2 0 20 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	113-1936 83-1950 61-1947 83-1980 1-37-1988	94.0 72.0 -0.6 0 19 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	109-1936 78-1970 56-1971 82-1981 1-06-1966	94.0 73.0 -0.9 0 19 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	109-1939 77-1950 55-1970 83-1954 1-89-1994
Normal 22	Actual	Normal 23	Actual	Normal 24	Actual	Normal 25	Actual	Normal 26	Actual	Normal 27	Actual	Normal 28	Actual
94.0 73.0 -1.7 0 19 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	109-1974 77-1959 57-1970 85-1954 3-12-1960	94.0 73.0 -1.0 0 19 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	107-1936 79-1960 58-1970 83-1954 1-85-1973	94.0 73.0 -1.1 0 19 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	110-1934 75-1962 60-1927 80-1993 1-95-1973	94.0 74.0 -1.4 0 19 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	108-1934 80-1950 54-1911 81-1986 2-20-1967	94.0 74.0 -1.0 0 19 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	106-1978 75-1959 60-1905 81-1981 1-33-1959	94.0 73.0 -0.29 0 19 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	106-1936 76-1977 59-1971 81-1986 7-54-1963	93.0 73.0 -1.6 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	109-1936 80-1968 61-1920 83-1986 2-72-1976
Normal 29	Actual	Normal 30	Actual	Normal 31	Actual	JULY AVERAGES							
94.0 73.0 -0.8 0 19 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	110-1985 79-1981 60-1969 81-1966 1-24-1950	94.0 72.0 -1.5 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	110-1986 79-1971 55-1971 85-1980 3-78-1981	94.0 72.0 -0.9 0 18 Highest Max Lowest Max Lowest Min Highest Min Greatest ppt	108-1980 81-1979 51-1971 81-1958 1-04-1979	TEMPERATURE : 83.0°F							
							PRECIPITATION : 3.42"						
							HEATING DEGREE DAYS : 0						
							COOLING DEGREE DAYS : 564						