OKLAHOMA
MONTHLY SUMMARY
NOVEMBER 1995

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MONTHLY SUMMARY FOR NOVEMBER 1995

Dry and windy conditions dominated the Oklahoma weather scene during November, resulting in heightened danger of grass fires in many areas and bringing major concern to wheat farmers as soil moisture decreased throughout the state for the second consecutive month. Rain was sparse in all areas of the state, but most notably in western Oklahoma where the monthly precipitation averaged less than 5 percent of November normal. The statewide-averaged precipitation for the month was a meager .47 inch, 1.95 inches less than normal and the 13th smallest November total since 1892. The total autumn precipitation was 6.63 inches, 2.80 inches below normal. Even with the lack of recent rainfall, 1995 still ranks as one of Oklahoma's wetter years. Total precipitation through the first eleven months of the year is 36.75 inches, 4.17 inches greater than normal and the 22nd greatest since records began 104 years ago.

The statewide temperature average for the month was 49.9 degrees, .1 degree above normal. Autumn was .6 degree cooler than normal with an average temperature of 61.0 degrees. Temperatures for the year-to-date have averaged 62.1 degrees, .1 degree less than normal.

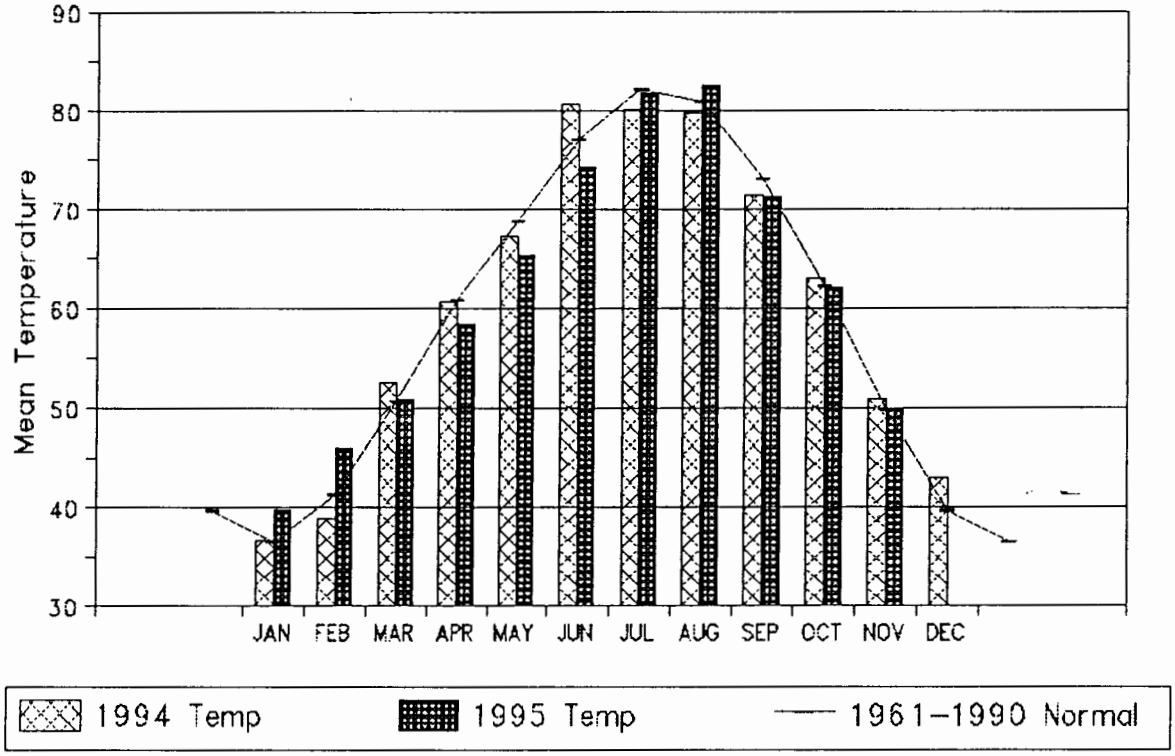
The first of only two significant precipitation-producing systems during the month produced 1.97 inches of rain at Randlett (Cotton County) and 1.65 inches at Durant (Bryan) on the 1st. Warm days and cool nights dominated the state's weather from the 2nd through the 9th, although spotty showers in eastern Oklahoma produced small amounts of rainfall.

On the 10th, with many areas experiencing afternoon temperatures in the 80s, a vigorous and rapidly moving cold front slammed through the state, knocking 50 to 60 degrees off the temperature, touching off strong thunderstorms in eastern Oklahoma and providing light snow over much of the northern half of the state. Both Oklahoma City and Tulsa reported record highs on the 10th and were well below freezing by midnight. Freedom (Woods) experienced the greatest temperature drop, from a high of 82 on the 10th to a low of 15 on the morning of the 11th. Strong south winds in advance of the front exacerbated grass fires near Enid (Garfield), Cache (Comanche) and Oklahoma City. Thunderstorms produced large hail in several eastern Oklahoma counties, the largest (1.75 inches) reported in and around Tahlequah (Cherokee). Jay Tower (Delaware) reported 1.35 inches of rain and thunderstorm wind damage was reported in Delaware, Muskogee, McIntosh and McCurtain counties. Although snowfalls as great as four inches were reported, strong winds and a still-warm ground prevented significant accumulations. The heaviest snowfalls were reported in the east where Stilwell (Adair) received 4 inches, Webbers Falls (Muskogee) reported 3.5 inches and Hanna (McIntosh) and Oktaha (Muskogee) each reported 3 inches. The greatest snowfall in the western half of the state was 2 inches reported at Jefferson (Grant).

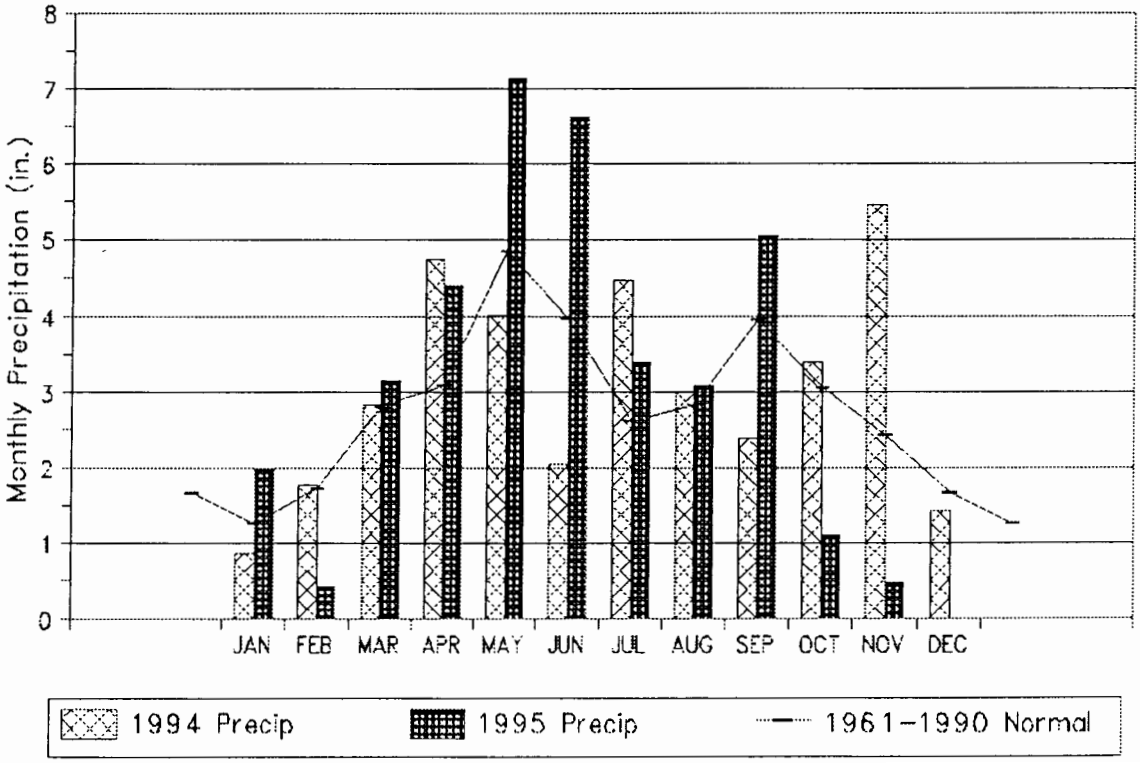
The remainder of the month was mild with daytime temperatures generally in the 60s and 70s and overnight lows in the 20s and 30s as the major storm systems stayed to the state's north and east. A cold front on the 23rd kept daytime temperatures in much of central and northeastern Oklahoma in the 40s on the 23rd and 24th. Daytime temperatures rose into the 80s in western Oklahoma from the 25th through the 27th, but colder air arrived again late on the 27th, lowering temperatures into the lower teens and below. Gage (Ellis) reported a low of 7 degrees on the 28th that was nearly matched at Freedom (8 degrees).

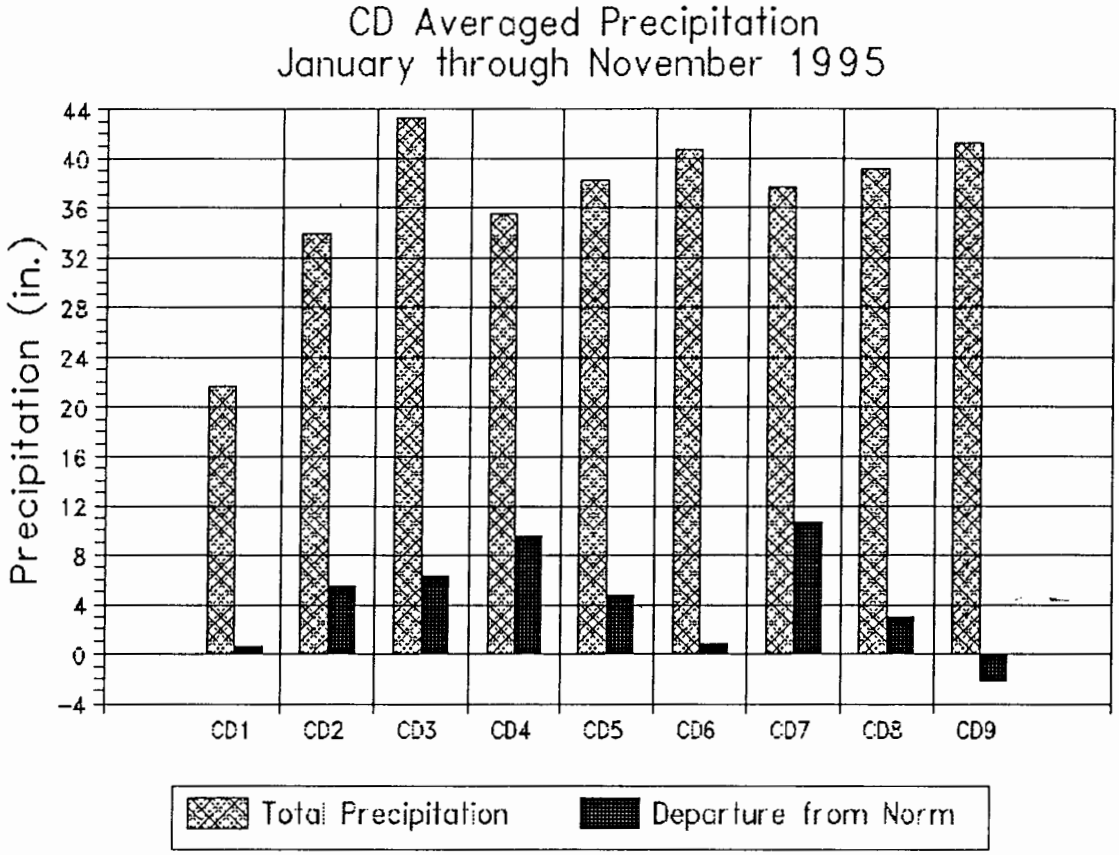
Howard L. Johnson

1994 and 1995 STATEWIDE TEMPERATURES
Monthly Averages

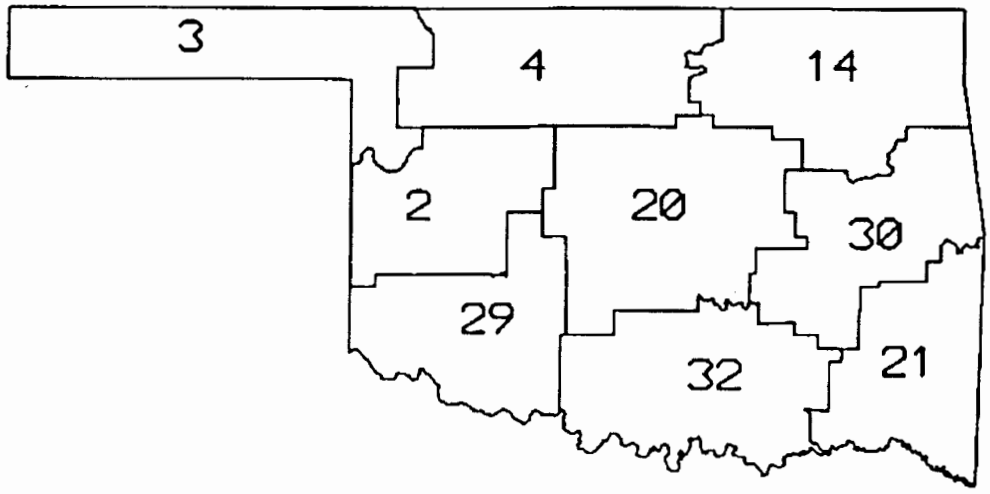


1994 and 1995 STATEWIDE PRECIPITATION
Monthly Totals





CD PERCENT OF NORMAL PRECIPITATION



NOVEMBER 1995

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

CD	MAX TEMP	DATE	LOCATION	MIN TEMP	DATE	LOCATION	24-HOUR PRECIP	DATE	LOCATION	MONTHLY PRECIP	LOCATION
1	89	26	GATE	7	29	BEAVER	.07	11	ARNETT	.07	ARNETT
				7	28	GAGE					
2	85	10	FT SUPPLY	8	28	FREEDOM	.18	11	JEFFERSON	.26	JEFFERSON
				8	29	FREEDOM					
3	84	11	BIXBY	11	29	HULAH DAM	1.35	11	JAY TOWER	1.98	JAY TOWER
	84	11	CLAREMORE								
4	84	6	TALOGA	11	28	REYDON	.20	10	VICI	.20	VICI
5	84	10	BLANCHARD	17	11	HENNESSEY	1.01	1	COX CITY	1.13	PURCELL
6	84	10	MCALESTER	15	30	LAKE EUFAULA	1.08	1	ASHLAND	2.01	STILWELL
7	87	10	ALTUS IRR ST	20	11	CARNEGIE	1.97	1	RANDLETT	1.99	RANDLETT
8	85	10	PAULS VALLEY	22	29	CHICKASAW	1.65	1	DURANT	1.90	DUNCAN
				22	29	DURANT					
				22	29	LINDSAY					
				22	12	MADILL					
				22	4	PAULS VALLEY					
9	82	10	BOSWELL	17	29	POTEAU	2.10	1	SMITHVILLE	2.60	BATTIEST

TABLE OF 1994/1995 COMPARISONS

	NOVEMBER Temperature (°F)		NOVEMBER Precipitation (in.)	
Station	1994	1995	1994	1995
Arnett	44.7	46.2	1.79	0.07
Enid	49.5	49.5	4.81	0.07
Tulsa	52.4	48.8	7.06	0.25
Elk City	50.2	51.4	4.46	0.05
Oklahoma City	50.0	49.3	5.72	0.39
McAlester	54.6	51.8	7.88	1.03
Durant	54.3	52.0	6.35	1.65
Hugo	55.9	53.9	6.71	1.10

	EXTREMES			
Variable	Station	Division	Observation	Date
Minimum temperature (°F)	Beaver	1	07	29
	Gage	1	07	28
Maximum temperature (°F)	Gate	1	89	26
Maximum 24-hour precipitation	Smithville	9	2.10"	9

NOVEMBER 1995 SUMMARY FOR NORTHWEST DIVISION (CD1)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ARNETT	332	1	46.2	30	.5	82.	10	11.	28	563.0	-16.0	.0	.0	.070	30	-1.36	.07	11
BEAVER	593	1	45.4	29	1.2	83.	10	7.	29	567.5	-56.5	.0	.0	.001	30	-1.02	.00	11
BOISE CITY 2 E	908	1	48.9	30	4.2	80.	9	12.	28	482.0	-127.0	.0	.0	.004	30	-.72	.00	10
BUFFALO	1243	1	49.9	30	2.8	85.	9	10.	28	453.5	-83.5	.0	.0	.001	30	-1.62	.00	10
FARGO	3070	1	*****	0	*****	****	0	****	0	******	******	******	******	.040	30	-1.26	.04	11
GAGE FAA APT	3407	1	47.2	30	.4	86.	9	7.	28	536.0	-10.0	.5	.5	.041	30	-1.03	.04	10
GATE	3489	1	54.1	30	8.6	89.	26	19.	28	336.0	-249.0	8.5	8.5	.003	30	-1.10	.00	14
GOODWELL RES ST	3628	1	48.0	30	4.2	85.	10	10.	28	511.5	-124.5	.0	.0	.000	30	-.73	.00	30
GUYMON	3835	1	44.2	12	*****	85.	12	10.	28	250.0	******	.0	******	.001	20	*****	.00	10
HOOKER	4298	1	46.1	30	1.5	83.	27	13.	29	567.0	-45.0	.0	.0	.001	30	-.78	.00	11
KENTON	4766	1	48.2	30	4.9	79.	30	12.	28	505.5	-145.5	.0	.0	.020	30	-.59	.01	10
LAVERNE	5045	1	*****	0	*****	****	0	****	0	******	******	******	******	.002	30	-1.17	.00	14
RANGE	7412	1	*****	0	*****	****	0	****	0	******	******	******	******	.000	30	*****	.00	30
REGNIER	7534	1	*****	0	*****	****	0	****	0	******	******	******	******	.002	30	-.56	.00	10
TURPIN 4 SSE	9017	1	43.8	28	*****	81.	10	9.	28	594.5	******	.0	******	.000	30	*****	.00	30

NOVEMBER 1995 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ALVA	193	2	49.2	30	*****	82.	25	14.	28	475.5	******	.0	******	.000	30	*****	.00	30
VANCE AFB	302	2	*****	0	*****	****	0	****	0	******	******	******	******	.084	30	*****	.05	11
BILLINGS	755	2	45.4	30	-2.0	76.	26	15.	29	587.5	59.5	.0	.0	.043	30	-2.23	.03	11
BLACKWELL 2E	818	2	50.3	30	2.7	78.	25	17.	28	442.5	-79.5	.0	.0	.252	30	-2.03	.12	11
BRAMAN	1075	2	*****	0	*****	****	0	****	0	******	******	******	******	.062	30	*****	.06	1
CEDARDALE	1620	2	*****	0	*****	****	0	****	0	******	******	******	******	.002	30	*****	.00	11
CHEROKEE	1724	2	48.7	30	.8	80.	6	12.	28	488.5	-24.5	.0	.0	.070	30	-1.45	.03	11
ENID	2912	2	49.5	30	.9	77.	25	17.	28	464.5	-27.5	.0	.0	.070	30	-2.14	.03	11
FT SUPPLY DAM	3304	2	48.1	27	*****	85.	10	12.	29	457.0	******	1.0	******	.003	30	-1.26	.00	14
FREEDOM	3358	2	43.8	30	-3.2	83.	26	8.	29	636.0	96.0	.0	.0	.001	30	-1.35	.00	11
GREAT SALT PLNS	3740	2	45.8	19	*****	80.	27	14.	28	364.0	******	.0	******	.060	19	*****	.03	13
HARDY	3909	2	*****	0	*****	****	0	****	0	******	******	******	******	.131	30	*****	.10	11
HELENA 1 SSE	4019	2	46.7	30	.7	79.	7	16.	29	549.0	-21.0	.0	.0	.111	30	-1.70	.09	11
JEFFERSON	4573	2	48.2	30	.2	80.	25	13.	28	503.5	-6.5	.0	.0	.262	30	-1.92	.18	11
LAMONT	5013	2	*****	0	*****	****	0	****	0	******	******	******	******	.090	30	*****	.05	11
MEDFORD	5768	2	*****	0	*****	****	0	****	0	******	******	******	******	.221	30	*****	.09	10
MORRISON	6065	2	*****	0	*****	****	0	****	0	******	******	******	******	.101	30	*****	.10	11
MUTUAL	6139	2	46.7	30	.5	82.	26	11.	29	550.0	-14.0	.0	.0	.001	30	-1.40	.00	11
NEWKIRK	6278	2	47.7	30	-.3	75.	25	15.	28	519.0	9.0	.0	.0	.054	30	-2.36	.03	1
ORIENTA	6751	2	*****	0	*****	****	0	****	0	******	******	******	******	.001	30	-1.72	.00	11
PERRY	7012	2	51.8	30	2.2	79.	25	18.	28	397.5	-64.5	1.5	1.5	.040	30	-2.08	.04	6
PONCA CITY FAA	7201	2	49.2	29	1.9	78.	25	17.	28	458.0	-73.0	.0	.0	.104	30	-2.16	.04	10
RED ROCK 1 NNE	7505	2	*****	0	*****	****	0	****	0	******	******	******	******	.070	30	-2.02	.07	11
WAYNOKA	9404	2	50.1	30	2.1	83.	25	13.	28	447.0	-63.0	.5	.5	.050	30	-1.48	.05	11
WOODWARD	9760	2	*****	0	*****	****	0	****	0	******	******	******	******	.061	30	-1.31	.06	4

NOVEMBER 1995 SUMMARY FOR NORTHEAST DIVISION (CD3)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
BARNSDALL	535	3	48.2	30	-.9	80.	10	17.	29	509.0	32.0	3.5	3.5	.144	30	-2.84	.09	11
BARTLESVILLE 2W	548	3	47.7	30	-1.5	80.	1	16.	29	522.5	48.5	3.0	3.0	.093	30	-2.63	.06	11
BIXBY	782	3	46.7	29	-1.7	84.	11	17.	29	530.0	32.0	.0	.0	.160	30	-2.98	.10	1
BURBANK	1256	3	*****	0	*****	****	0	****	0	******	******	******	******	.311	30	-2.23	.31	1
CHELSEA 4 S	1717	3	*****	0	*****	****	0	****	0	******	******	******	******	.260	30	*****	.12	1
CLAREMORE	1828	3	45.0	30	-3.5	84.	11	17.	30	599.0	104.0	.0	.0	.450	30	-2.78	.23	11
CLEVELAND 5 WSW	1902	3	50.0	30	*****	80.	10	19.	28	454.5	******	3.5	******	.223	30	*****	.15	11
FORAKER	3250	3	*****	0	*****	****	0	****	0	******	******	******	******	.020	30	-2.56	.02	1
HOLLOW	4258	3	*****	0	*****	****	0	****	0	******	******	******	******	.110	30	-3.39	.11	11
HOMINY	4289	3	*****	0	*****	****	0	****	0	******	******	******	******	.221	30	-2.41	.22	11
HULAH DAM	4393	3	43.8	18	*****	79.	2	11.	29	381.5	******	.0	******	.030	30	-2.64	.03	1
JAY TOWER	4567	3	46.6	30	*****	78.	11	21.	29	552.5	******	.0	******	1.980	30	*****	1.35	11
KANSAS 1 ESE	4672	3	48.0	29	-1.8	78.	10	19.	29	494.0	38.0	.0	.0	1.152	30	-2.70	.50	11
KEYSTONE DAM	4812	3	46.0	27	*****	80.	11	14.	5	512.5	******	.0	******	.190	30	-2.56	.14	11
LENAPAH	5118	3	*****	0	*****	****	0	****	0	******	******	******	******	.030	30	*****	.02	5
MANNFORD 6 NW	5522	3	50.2	30	.3	82.	10	19.	28	449.5	-3.5	4.5	4.5	.340	30	-2.50	.25	11
MARAMEC	5540	3	*****	0	*****	****	0	****	0	******	******	******	******	.054	30	-2.58	.05	1
MIAMI	5855	3	46.5	30	-1.3	80.	11	18.	29	554.5	38.5	.0	.0	.301	30	-3.51	.30	1
NOWATA	6485	3	45.3	30	-4.0	79.	11	18.	29	589.5	118.5	.0	.0	.281	30	-2.96	.23	11
OOLOGAH DAM	6729	3	44.8	30	*****	83.	11	17.	29	607.5	******	.0	******	.252	30	*****	.15	11
PAWHUSKA	6935	3	48.2	30	-.4	77.	10	17.	28	507.0	15.0	3.0	3.0	.111	30	-2.71	.09	11
PAWNEE	6940	3	*****	0	*****	****	0	****	0	******	******	******	******	.311	30	-2.22	.19	1
PRYOR 6 N	7309	3	45.9	30	-2.0	82.	11	19.	30	573.5	60.5	.0	.0	1.102	30	-2.52	.50	11
RALSTON	7390	3	49.3	30	.2	78.	2	19.	29	476.0	-1.0	4.0	4.0	.352	30	-2.19	.20	1
SKIATOOK	8258	3	*****	0	*****	****	0	****	0	******	******	******	******	.250	30	-2.79	.22	14
SPAVINAW	8380	3	50.5	30	-.8	78.	10	22.	28	440.0	25.0	5.0	5.0	.933	30	-2.81	.52	11
TULSA WSO APT	8992	3	48.8	30	-1.1	83.	10	21.	28	486.0	33.0	.0	.0	.252	30	-2.88	.19	10
UPPER SPAVINAW	9101	3	50.6	28	*****	73.	10	18.	29	406.0	******	1.5	******	1.122	30	*****	.54	12
VINITA 2 N	9203	3	47.1	30	-1.4	78.	1	13.	29	542.0	47.0	5.0	5.0	.430	30	-3.40	.19	2
WAGONER	9247	3	49.2	30	-1.8	82.	10	19.	29	478.5	53.5	4.5	4.5	1.061	30	-2.52	.51	11
WANN	9298	3	*****	0	*****	****	0	****	0	******	******	******	******	.072	30	*****	.04	11
WYNONA	9792	3	*****	0	*****	****	0	****	0	******	******	******	******	.154	30	*****	.11	11

NOVEMBER 1995 SUMMARY FOR WEST CENTRAL DIVISION (CD4)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
CANTON DAM	1445	4	47.1	28	*****	82.	7	17.	29	501.5	******	.0	******	.051	30	-1.73	.05	11
CLINTON	1909	4	50.6	29	1.1	82.	10	15.	28	418.5	-46.5	.0	.0	.002	30	-1.82	.00	11
COLONY	2039	4	*****	0	*****	****	0	****	0	******	******	******	******	.190	30	*****	.16	1
CORDELL	2125	4	*****	0	*****	****	0	****	0	******	******	******	******	.003	30	-1.75	.00	11
ELK CITY 1 E	2849	4	51.4	30	2.8	83.	10	17.	28	408.5	-83.5	.0	.0	.051	30	-1.60	.05	1
ERICK 4 E	2944	4	51.3	30	2.4	83.	10	16.	28	411.0	-72.0	.5	.5	.001	30	-1.33	.00	1
GEARY	3497	4	49.3	30	.8	79.	10	19.	28	471.5	-23.5	.0	.0	.000	30	-1.68	.00	30
HAMMON 3 SSW	3871	4	48.2	28	*****	82.	11	18.	12	471.0	******	.0	******	.000	30	-1.62	.00	30
LEEDEY	5090	4	*****	0	*****	****	0	****	0	******	******	******	******	.000	30	-1.55	.00	30
MACKIE 4 NNW	5463	4	*****	0	*****	****	0	****	0	******	******	******	******	.000	30	*****	.00	30
MORAVIA 2 NNE	6035	4	*****	0	*****	****	0	****	0	******	******	******	******	.010	30	-1.37	.01	11
OKEENE	6629	4	49.8	30	.5	78.	6	15.	28	457.5	-13.5	.0	.0	.050	30	-1.90	.05	11
RETROP	7565	4	*****	0	*****	****	0	****	0	******	******	******	******	.000	30	*****	.00	30
REYDON	7579	4	49.5	30	1.9	78.	25	11.	28	464.0	-58.0	.0	.0	.000	30	-1.15	.00	30
SAYRE	7952	4	*****	0	*****	****	0	****	0	******	******	******	******	.010	30	-1.34	.01	1
SWEETWATER 2 E	8652	4	*****	0	*****	****	0	****	0	******	******	******	******	.000	30	*****	.00	30
TALOGA	8708	4	48.6	30	1.2	84.	6	14.	28	491.5	-36.5	.0	.0	.001	30	-1.80	.00	1
THOMAS	8815	4	*****	0	*****	****	0	****	0	******	******	******	******	.000	30	*****	.00	30
VICI	9172	4	*****	0	*****	****	0	****	0	******	******	******	******	.200	30	-1.39	.20	10
WATONGA	9364	4	50.9	30	2.5	79.	2	17.	28	423.5	-74.5	.0	.0	.043	30	-1.77	.04	11
WEATHERFORD	9422	4	48.6	28	*****	82.	11	19.	29	459.0	******	.0	******	.000	30	-1.70	.00	30

NOVEMBER 1995 SUMMARY FOR CENTRAL DIVISION (CD5)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
AMBER	200	5	*****	0	*****	****	0	****	0	******	******	******	******	.430	30	*****	.41	1
ARCADIA	288	5	*****	0	*****	****	0	****	0	******	******	******	******	.270	30	*****	.18	1
TINKER AFB	325	5	*****	0	*****	****	0	****	0	******	******	******	******	.202	30	*****	.10	11
BLANCHARD 2 SSW	830	5	52.2	30	1.0	84.	10	22.	28	386.5	-27.5	3.0	3.0	.471	30	-1.63	.34	1
BRISTOW	1144	5	50.7	30	.2	83.	10	19.	29	434.5	-5.5	4.0	-1.0	.440	30	-2.45	.27	11
CHANDLER	1684	5	49.8	30	-1.1	82.	10	21.	28	457.0	34.0	2.0	2.0	.200	30	-2.28	.20	1
CHICKASHA EX ST	1750	5	51.7	30	.9	83.	10	23.	29	400.5	-25.5	.0	.0	.530	30	-1.42	.43	1
COX CITY 1 E	2196	5	*****	0	*****	****	0	****	0	******	******	******	******	1.110	30	*****	1.01	1
CRESCENT	2242	5	*****	0	*****	****	0	****	0	******	******	******	******	.300	30	*****	.25	1
CUSHING	2318	5	47.9	30	-1.4	81.	11	20.	29	513.5	42.5	.0	.0	.141	30	-2.44	.09	2
EL RENO 1 N	2818	5	51.2	30	2.3	82.	10	22.	28	415.0	-68.0	1.5	1.5	.330	30	-1.42	.32	1
GUTHRIE	3821	5	49.9	30	-.4	80.	1	20.	28	456.5	15.5	2.5	2.5	.240	30	-2.05	.15	1
HENNESSEY 4 ESE	4055	5	48.5	30	-.2	78.	30	17.	11	493.5	4.5	.0	.0	.101	30	-1.84	.10	1
INGALLS	4489	5	*****	0	*****	****	0	****	0	******	******	******	******	.061	30	*****	.05	11
KINGFISHER 2 SE	4861	5	49.9	30	.3	79.	25	19.	28	453.0	-9.0	.0	.0	.331	30	-1.58	.25	1
KONAWA	4915	5	*****	0	*****	****	0	****	0	******	******	******	******	.430	30	-2.30	.43	1
MARSHALL	5589	5	*****	0	*****	****	0	****	0	******	******	******	******	.120	30	-1.79	.12	1
MEEKER 4 W	5779	5	50.0	30	-.5	82.	10	21.	11	453.5	15.5	2.0	2.0	.451	30	-2.11	.26	1
MULHALL	6110	5	*****	0	*****	****	0	****	0	******	******	******	******	.060	30	*****	.06	1
NORMAN NWS	6386	5	49.8	30	-1.3	82.	10	20.	11	462.5	45.5	6.0	6.0	.630	30	-1.85	.49	1
OILTON 2 SE	6616	5	*****	0	*****	****	0	****	0	******	******	******	******	.003	30	*****	.00	11
OKEMAH	6638	5	52.2	30	1.0	83.	10	23.	11	389.5	-24.5	5.0	5.0	.620	30	-2.32	.42	11
OKLAHOMA CTY WS	6661	5	49.3	30	-.3	83.	10	22.	28	469.5	7.5	.0	.0	.391	30	-1.59	.25	1
PERKINS	7003	5	*****	0	*****	****	0	****	0	******	******	******	******	.070	30	-2.37	.07	1
PIEDMONT	7068	5	*****	0	*****	****	0	****	0	******	******	******	******	.290	30	*****	.23	1
PRAGUE	7264	5	*****	0	*****	****	0	****	0	******	******	******	******	.440	30	-2.23	.20	11
PURCELL 5 SW	7327	5	50.6	30	-.3	82.	10	21.	29	433.0	10.0	2.0	2.0	1.131	30	-1.37	.95	1
SEMINOLE	8042	5	51.9	30	-.4	82.	10	23.	29	394.0	9.0	1.0	1.0	.530	30	-2.39	.25	1
SHAWNEE	8110	5	*****	0	*****	****	0	****	0	******	******	******	******	.440	30	-2.45	.26	1
STELLA	8479	5	*****	0	*****	****	0	****	0	******	******	******	******	.601	30	*****	.40	1
STILLWATER 2 W	8501	5	47.0	30	-1.5	79.	2	19.	29	540.0	45.0	.0	.0	.152	30	-2.10	.09	1
STROUD 1 N	8563	5	*****	0	*****	****	0	****	0	******	******	******	******	.410	30	*****	.21	1
TECUMSEH	8751	5	*****	0	*****	****	0	****	0	******	******	******	******	.480	30	*****	.48	1
TROUSDALE 6S	8960	5	*****	0	*****	****	0	****	0	******	******	******	******	.920	30	*****	.69	1
UNION CITY 1 SE	9086	5	*****	0	*****	****	0	****	0	******	******	******	******	.411	30	-1.89	.41	1
WELTY 1 SSE	9479	5	*****	0	*****	****	0	****	0	******	******	******	******	.761	30	*****	.48	10
WEWOKA	9575	5	*****	0	*****	****	0	****	0	******	******	******	******	.630	30	-2.16	.49	1

NOVEMBER 1995 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ASHLAND	364	6	*****	0	*****	****	0	****	0	******	******	******	******	1.201	30	*****	1.08	1
BEGGS	631	6	*****	0	*****	****	0	****	0	******	******	******	******	.200	30	*****	.20	11
BOYNTON	1027	6	*****	0	*****	****	0	****	0	******	******	******	******	.941	30	*****	.45	11
CALVIN	1391	6	*****	0	*****	****	0	****	0	******	******	******	******	.000	30	-2.97	.00	30
CHECOTAH	1711	6	*****	0	*****	****	0	****	0	******	******	******	******	1.291	30	-2.02	.73	1
CLAYTON 14 WNW	1858	6	*****	0	*****	****	0	****	0	******	******	******	******	.380	30	*****	.38	1
DEWAR 2 NE	2485	6	*****	0	*****	****	0	****	0	******	******	******	******	.643	30	-2.46	.38	11
DUSTIN	2690	6	*****	0	*****	****	0	****	0	******	******	******	******	.270	30	*****	.18	1
EUFAULA	2993	6	52.3	29	-.4	79.	10	24.	29	375.5	1.5	6.5	1.5	.920	30	-2.52	.47	1
HANNA	3884	6	50.5	30	-1.2	82.	10	19.	29	440.5	41.5	6.0	6.0	1.131	30	-2.33	.69	1
HASKELL	3956	6	*****	0	*****	****	0	****	0	******	******	******	******	.721	30	-2.77	.29	11
HOLDENVILLE	4235	6	50.5	30	-1.4	83.	10	21.	29	436.0	39.0	.0	.0	.520	30	-2.46	.24	1
LAKE EUFAULA	4975	6	46.5	30	*****	81.	11	15.	30	553.5	******	.0	******	.711	28	*****	.24	2
LYONS 2 N	5437	6	*****	0	*****	****	0	****	0	******	******	******	******	1.882	30	-1.89	.72	11
MCALESTER FAA	5664	6	51.8	30	.0	84.	10	22.	29	400.5	-2.5	5.5	-1.5	1.032	30	-2.48	.79	1
MCCURTAIN 1 SE	5693	6	51.9	30	-.8	82.	10	16.	29	397.5	22.5	3.5	-2.5	1.112	30	-3.25	.50	1
MUSKOGEE	6130	6	50.2	30	-.7	82.	10	20.	29	449.0	22.0	5.5	5.5	1.270	30	-2.28	.66	11
OKMULGEE W W	6670	6	46.5	28	*****	81.	11	17.	30	518.5	******	.0	******	.282	28	*****	.15	7
OKTAHA 2 NE	6678	6	*****	0	*****	****	0	****	0	******	******	******	******	1.850	30	*****	.65	11
QUINTON	7372	6	*****	0	*****	****	0	****	0	******	******	******	******	.470	30	-3.27	.33	10
SALLISAW 2 NW	7862	6	46.8	30	-4.8	79.	11	22.	29	546.5	144.5	.0	.0	.790	30	-3.32	.40	1
SCIPIO	7979	6	*****	0	*****	****	0	****	0	******	******	******	******	.760	30	*****	.48	1
SHORT	8170	6	*****	0	*****	****	0	****	0	******	******	******	******	1.620	30	*****	.58	1
STILWELL 1 NE	8506	6	47.2	30	-2.8	74.	10	18.	29	537.5	87.5	2.0	2.0	2.010	30	-1.77	.71	11
TAHLEQUAH	8677	6	48.4	30	-1.8	80.	10	18.	29	497.0	48.0	.0	-5.0	.780	30	-2.80	.41	11
WEBBERS FALLS	9445	6	46.5	30	-3.7	82.	11	18.	29	555.0	111.0	.0	.0	1.991	30	-1.38	.58	23
WESTVILLE	9523	6	*****	0	*****	****	0	****	0	******	******	******	******	1.670	29	*****	.55	11
WETUMKA 3 NE	9571	6	*****	0	*****	****	0	****	0	******	******	******	******	.560	30	-2.65	.26	1

NOVEMBER 1995 SUMMARY FOR SOUTHWEST DIVISION (CD7)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	MAX DAY	MIN TEMP	MIN DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	MAX DAY
ALTUS IRR STA	179	7	53.2	30	1.1	87.	10	23.	11	359.5	-27.5	5.5	5.5	.170	30	-1.14	.13	1
ALTUS DAM	184	7	52.5	30	2.9	85.	11	22.	28	376.5	-85.5	2.0	2.0	.040	30	-1.32	.04	11
ANADARKO	224	7	50.7	20	*****	83.	10	23.	29	286.5	******	.0	******	.000	21	*****	.00	30
ALTUS AFB	447	7	*****	0	*****	****	0	****	0	******	******	******	******	.151	30	*****	.12	1
APACHE	260	7	*****	0	*****	****	0	****	0	******	******	******	******	.600	30	-1.21	.60	1
CARNEGIE 2 ENE	1504	7	51.5	30	1.4	85.	10	20.	11	405.0	-42.0	1.0	1.0	.002	30	-1.60	.00	10
CHATTANOOGA	1706	7	53.2	30	1.6	85.	10	26.	25	356.0	-46.0	1.0	1.0	.690	30	-.85	.69	1
DUNCAN 11 W	2668	7	*****	0	*****	****	0	****	0	******	******	******	******	1.030	30	*****	.93	1
FREDERICK	3353	7	53.0	28	*****	84.	11	26.	29	336.5	******	.0	******	.950	30	-.65	.95	1
HEADRICK	3998	7	*****	0	*****	****	0	****	0	******	******	******	******	.450	30	*****	.45	1
HOBART FAA APT	4204	7	51.0	30	.9	86.	10	23.	28	420.0	-27.0	.0	.0	.192	30	-1.22	.19	10
HOLLIS	4249	7	51.9	30	1.3	86.	10	23.	28	395.0	-37.0	1.0	1.0	.032	30	-1.08	.03	11
LAWTON	5063	7	50.8	30	.2	83.	11	26.	29	427.5	-4.5	.0	.0	.600	30	-1.20	.55	1
FORT SILL	5068	7	51.4	29	*****	84.	10	26.	28	394.5	******	.0	******	.052	29	*****	.04	10
LOOKEBA 2 ENE	5329	7	*****	0	*****	****	0	****	0	******	******	******	******	.421	30	-1.37	.36	1
MANGUM RES STA	5509	7	53.2	30	2.4	86.	10	22.	28	359.5	-66.5	4.5	4.5	.000	30	-1.26	.00	30
RANDLETT 9 E	7403	7	*****	0	*****	****	0	****	0	******	******	******	******	1.991	30	*****	1.97	1
ROOSEVELT	7727	7	*****	0	*****	****	0	****	0	******	******	******	******	.480	30	-1.00	.24	30
SEDAN	8016	7	*****	0	*****	****	0	****	0	******	******	******	******	.170	30	*****	.17	1
SNYDER	8299	7	*****	0	*****	****	0	****	0	******	******	******	******	.530	30	-1.01	.49	1
VINSON 3 WNW	9212	7	*****	0	*****	****	0	****	0	******	******	******	******	.000	30	-1.22	.00	30
WALTERS	9278	7	52.7	30	.3	82.	10	26.	29	372.5	-10.5	2.5	2.5	1.520	30	-.57	1.52	1
WICHITA MT WLR	9629	7	48.4	30	-.5	82.	13	23.	28	498.0	15.0	.0	.0	.800	30	-1.09	.76	1
WILLOW	9668	7	*****	0	*****	****	0	****	0	******	******	******	******	.021	30	*****	.02	11

NOVEMBER 1995 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

NAME	ID	CD	MEAN TEMP	NUM OBS	DEV FROM NORM	MAX TEMP	MAX DAY	MIN TEMP	MIN DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	MAX DAY
ADA	17	8	49.7	30	-2.4	82.	10	24.	11	458.0	65.0	.0	-6.0	1.051	30	-1.75	.76	1
ALLEN	147	8	*****	0	*****	****	0	****	0	******	******	******	******	.450	30	*****	.45	2
ARDMORE	292	8	54.1	30	-.4	83.	10	27.	11	332.5	10.5	4.5	-2.5	.950	30	-1.48	.95	1
ATOKA DAM	394	8	50.8	19	*****	82.	13	24.	13	269.5	******	.0	******	.602	30	-2.60	.60	1
BOKCHITO	917	8	*****	0	*****	****	0	****	0	******	******	******	******	1.000	30	*****	1.00	1
CANEY	1437	8	*****	0	*****	****	0	****	0	******	******	******	******	1.350	30	*****	1.32	1
CENTRAHOMA	1648	8	*****	0	*****	****	0	****	0	******	******	******	******	.650	30	*****	.65	1
CHICKASAW NRA	1745	8	50.4	30	-.2	82.	11	22.	29	438.5	6.5	.0	.0	.760	30	-1.91	.74	1
COLEMAN	2011	8	*****	0	*****	****	0	****	0	******	******	******	******	.750	30	*****	.75	1
COMANCHE	2054	8	*****	0	*****	****	0	****	0	******	******	******	******	1.620	30	-.46	1.55	1
DAISY 4 ENE	2354	8	*****	0	*****	****	0	****	0	******	******	******	******	.471	30	-3.53	.47	1
DUNCAN	2660	8	50.8	30	-.6	82.	11	26.	29	425.0	13.0	.0	.0	1.900	30	-.25	1.48	1
DURANT USDA	2678	8	52.0	30	.0	82.	11	22.	29	390.0	-7.0	.0	-7.0	1.650	30	-1.49	1.65	1
ELMORE CITY	2872	8	*****	0	*****	****	0	****	0	******	******	******	******	.990	30	*****	.87	1
GRADY	3688	8	*****	0	*****	****	0	****	0	******	******	******	******	.000	30	*****	.00	30
HEALDTON	4001	8	53.5	27	*****	83.	10	25.	29	310.0	******	.0	******	.912	30	-1.35	.91	1
HENNEPIN	4052	8	*****	0	*****	****	0	****	0	******	******	******	******	.870	30	*****	.73	1
KETCHUM RANCH	4780	8	*****	0	*****	****	0	****	0	******	******	******	******	1.410	31	*****	1.25	1
KINGSTON	4865	8	*****	0	*****	****	0	****	0	******	******	******	******	.560	30	-2.27	.56	1
LEHIGH	5108	8	*****	0	*****	****	0	****	0	******	******	******	******	.652	29	*****	.65	1
LINDSAY 2 W	5216	8	51.4	30	.1	83.	10	22.	29	409.5	-1.5	1.0	1.0	1.011	30	-1.21	.88	1
LOCO 6 SE	5247	8	*****	0	*****	****	0	****	0	******	******	******	******	.940	30	*****	.91	1
MADILL	5468	8	53.0	30	-.8	83.	10	22.	12	366.5	24.5	6.0	.0	.000	30	-2.80	.00	30
MARIETTA	5563	8	53.7	30	.1	83.	10	27.	29	345.5	-3.5	7.5	.5	.780	30	-1.82	.78	1
MARLOW 1 WSW	5581	8	53.2	30	1.7	84.	10	24.	11	359.0	-46.0	5.0	5.0	.710	30	-1.43	.62	1
MCGEE CREEK DAM	5713	8	51.5	30	*****	83.	11	25.	29	406.5	******	.0	******	1.112	30	*****	1.08	1
PAULS VALLEY	6926	8	51.8	29	-.3	85.	10	22.	29	385.5	-6.5	2.0	2.0	.880	30	-1.65	.82	1
PONTOTOC	7214	8	*****	0	*****	****	0	****	0	******	******	******	******	1.010	30	-1.95	.94	1
TISHOMINGO NWLR	8884	8	50.3	26	*****	82.	10	23.	4	386.0	******	2.5	******	.400	30	-2.62	.40	1
TUSSY	9032	8	*****	0	*****	****	0	****	0	******	******	******	******	.960	30	*****	.90	1
WAURIKA	9395	8	53.5	29	.4	79.	1	27.	29	337.0	-26.0	2.5	-3.5	.900	30	-.92	.90	1
WAURIKA DAM	9399	8	52.2	16	*****	81.	27	25.	29	205.5	******	.0	******	1.322	18	*****	1.32	1

NOVEMBER 1995 SUMMARY FOR SOUTHEAST DIVISION (CD9)

NAME	ID	CD	MEAN TEMP	DEV NUM OBS	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEG DAY	DEV FROM NORM	COOL DEG DAY	DEV FROM NORM	TOT PPT	NUM OBS	DEV FROM NORM	MAX 24-HR	DAY
ANTLERS	256	9	51.9	29	-1.1	80.	10	22.	30	386.0	20.0	7.5	1.5	******	0	*****	*****	0
BATTIEST 1 SSW	567	9	47.4	30	*****	76.	10	20.	30	530.0	******	2.0	******	2.600	30	*****	2.00	1
BEAR MT TWR	584	9	*****	0	*****	****	0	****	0	******	******	******	******	1.380	30	-2.85	1.13	1
BENGAL	670	9	*****	0	*****	****	0	****	0	******	******	******	******	.990	30	*****	.69	1
BOSWELL 4 NNW	980	9	52.6	30	-.7	82.	10	20.	29	385.0	26.0	13.5	5.5	.580	30	-3.07	.33	1
BROKEN BOW 1 N	1162	9	*****	0	*****	****	0	****	0	******	******	******	******	1.540	30	-2.70	1.21	1
BROKEN BOW DAM	1168	9	50.2	30	-2.1	80.	21	22.	29	448.0	67.0	3.0	3.0	1.173	30	-3.30	.95	1
CARNASAW TWR	1499	9	*****	0	*****	****	0	****	0	******	******	******	******	1.210	30	-3.27	.91	1
CARTER TWR	1544	9	*****	0	*****	****	0	****	0	******	******	******	******	1.690	30	-2.59	1.35	1
FANSHAWE	3065	9	*****	0	*****	****	0	****	0	******	******	******	******	.841	30	-3.67	.55	1
HEAVENER 1 SE	4008	9	*****	0	*****	****	0	****	0	******	******	******	******	.260	30	-4.03	.20	10
HUGO	4384	9	53.9	30	-.4	79.	10	26.	29	344.5	14.5	10.5	1.5	1.102	30	-2.85	.78	1
IDABEL	4451	9	49.7	30	-2.8	80.	11	22.	29	461.5	81.5	3.0	-2.0	1.391	30	-2.71	1.03	1
PINE CREEK DAM	7080	9	50.3	21	*****	79.	21	23.	29	309.5	******	.0	******	1.820	24	*****	1.65	1
POTEAU W W	7254	9	49.0	30	*****	80.	10	17.	29	478.5	******	.0	******	.240	30	*****	.17	11
SMITHVILLE 1 W	8285	9	49.0	30	-1.8	77.	10	18.	29	484.0	58.0	3.0	3.0	2.405	30	-1.98	2.10	1
SPIRO	8416	9	*****	0	*****	****	0	****	0	******	******	******	******	1.180	30	-3.24	.43	7
TUSKAHOMA	9023	9	51.8	30	-1.1	81.	10	19.	29	408.5	39.5	12.0	6.0	1.421	30	-2.71	.95	1
VALLIANT 3 W	9118	9	*****	0	*****	****	0	****	0	******	******	******	******	1.951	30	-2.21	1.73	1
WILBURTON 9 ENE	9634	9	50.5	30	-.8	81.	10	18.	29	446.0	31.0	10.0	10.0	.660	30	-3.63	.35	1

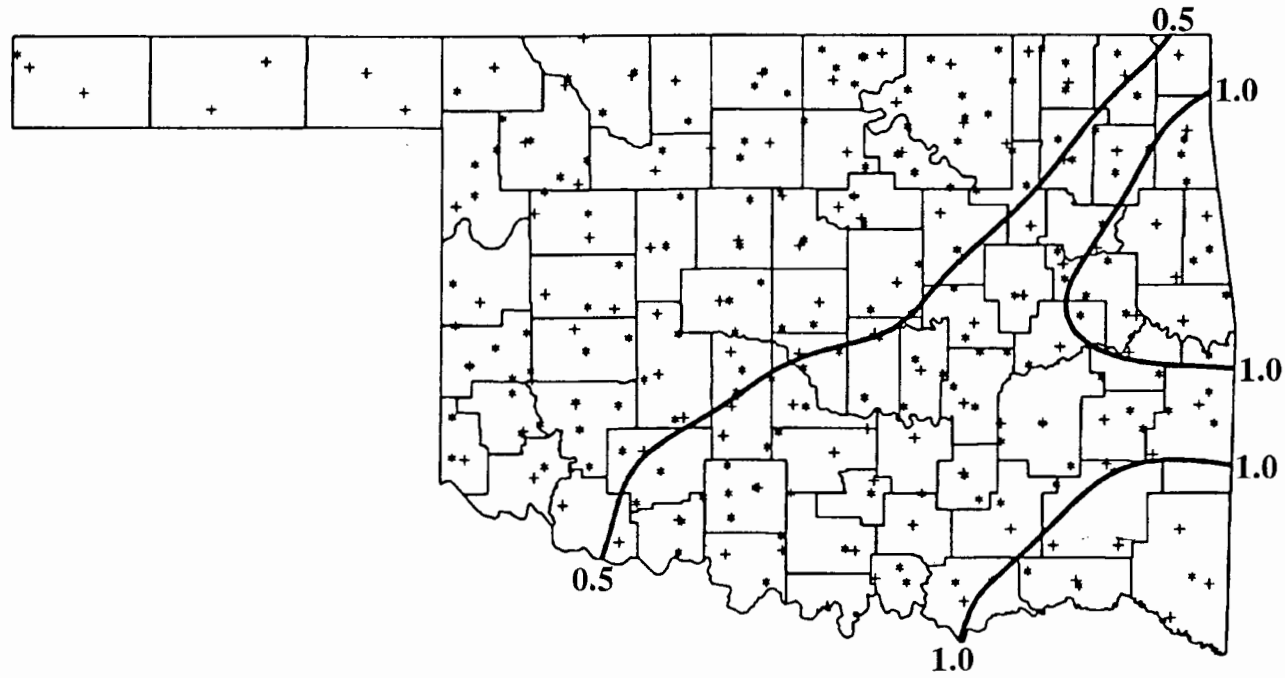
NOVEMBER 1995 CLIMATE DIVISION SUMMARY

CLIMATE DIV	MEAN TEMP	NUM STA	DEV FROM NORM	MAX TEMP	DAY	MIN TEMP	DAY	HEAT DEGREE DAYS	DEV FROM NORM	COOL DEGREE DAYS	DEV FROM NORM	TOT PPT	NUM STA	DEV FROM NORM	MAX 24-HR	DAY
1	48.2	9	3.1	89.0	26	7.0	28	502.4	-95.2	1.0	1.0	.01	14	-1.00	.07	11
2	48.3	13	.8	85.0	10	8.0	29	501.4	-25.6	.2	.2	.08	24	-1.78	.18	11
3	47.7	18	-1.5	84.0	11	11.0	29	520.3	43.3	2.0	2.0	.40	32	-2.68	1.35	11
4	50.2	8	1.9	84.0	6	11.0	28	443.3	-59.4	.1	.1	.03	21	-1.59	.20	10
5	50.2	16	-.2	84.0	10	17.0	11	447.0	7.3	1.8	1.5	.41	37	-1.99	1.01	1
6	49.3	11	-1.9	84.0	10	15.0	30	471.7	54.9	2.6	.5	.97	25	-2.52	1.08	1
7	51.8	11	1.1	87.0	10	20.0	11	396.7	-34.0	1.6	1.6	.49	22	-1.07	1.97	1
8	52.1	12	-.3	85.0	10	22.0	29	387.8	5.6	2.4	-.9	.89	30	-1.76	1.65	1
9	50.6	10	-2.1	82.0	10	17.0	29	437.2	62.1	6.4	1.8	1.26	18	-2.95	2.10	1

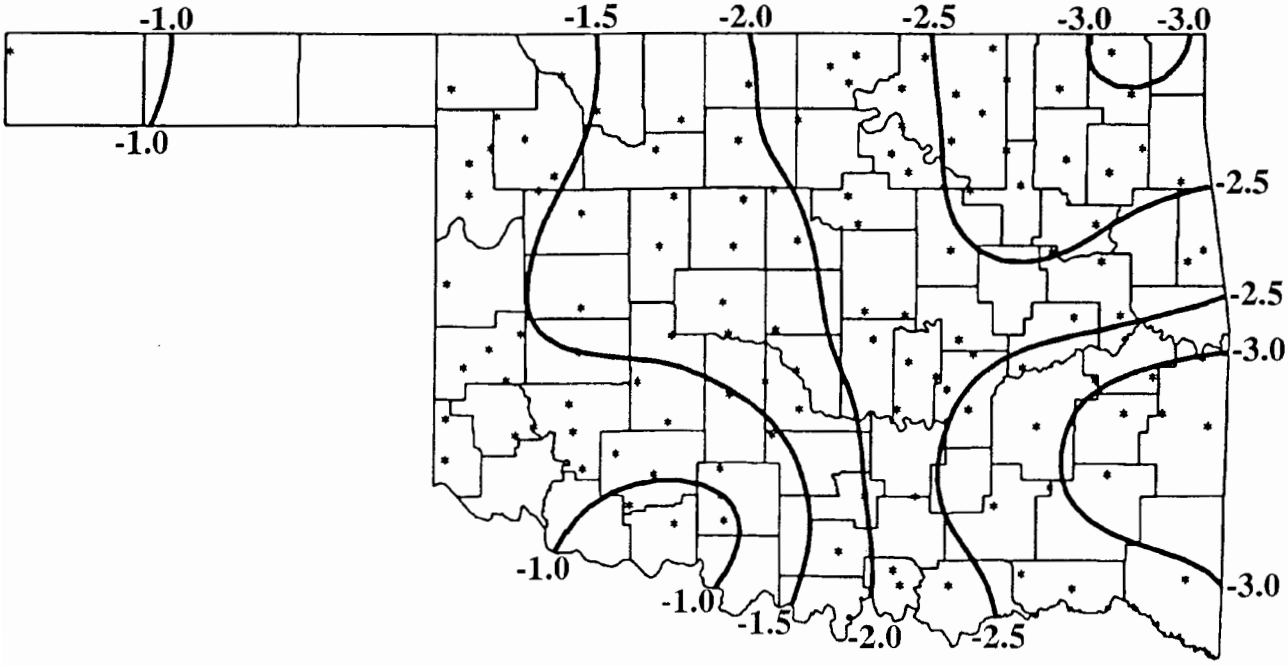
MESONET MONTHLY SUMMARY FOR NOVEMBER 1995

NAME	MEAN TEMP	MAX TEMP	DAY	MIN TEMP	DAY	HDD	CDD	TOT PPT	MAX 24-HR	DAY
NORTHWEST										
ARNETT	49.7	86	9	13	28	459	0	.04	.02	2
BEAVER	47.3	85	9	10	28	530	0	.00	.00	1
BOISE CITY	47.1	82	9	11	28	538	0	.08	.07	10
BUFFALO	48.6	86	9	10	28	495	3	.00	.00	1
NORTH CENTRAL										
ALVA	47.8	81	6	13	28	517	0	.02	.01	1
BLACKWELL	47.2	78	25	17	28	534	0	.15	.08	11
BRECKENRIDGE	47.8	78	25	17	28	515	0	.08	.07	11
CHEROKEE	46.4	80	6	12	28	558	0	.06	.04	11
FAIRVIEW	50.3	84	6	14	28	442	2	.07	.07	11
FREEDOM	49.9	84	25	11	28	455	3	.00	.00	1
LAHOMA	48.2	78	6	16	28	503	0	.06	.04	11
NORTHEAST										
BIXBY	49.3	86	10	19	28	474	3	.56	.18	11
BURBANK	46.4	76	25	18	28	557	0	.24	.15	1
CLAREMORE	48.5	86	10	18	29	495	2	.29	.19	1
COPAN	46.2	78	1	17	28	563	0	.10	.04	11
FORAKER	46.9	76	1	16	28	542	0	.10	.03	1
JAY	46.6	80	10	17	29	551	0	2.26	1.48	10
MIAMI	45.2	80	10	15	29	595	0	.35	.21	1
WEST CENTRAL										
BESSIE	51.8	85	10	20	28	399	2	.00	.00	1
BUTLER	50.5	85	6	16	28	439	3	.02	.02	10
CAMARGO	47.5	83	6	10	28	524	1	.02	.02	11
CHEYENNE	50.6	82	6	15	28	431	0	.00	.00	1
ERICK	50.2	85	10	17	28	448	3	.01	.01	11
CENTRAL										
ACME	51.4	84	10	24	28	407	0	.27	.22	1
BOWLEGS	50.7	86	10	22	28	429	0	.66	.30	1
BRISTOW	49.5	85	10	18	29	465	1	.38	.15	11
CHANDLER	49.5	83	10	22	11	464	0	.54	.24	1
CHICKASHA	50.0	82	10	23	29	448	0	.32	.23	1
EL RENO	49.2	84	10	21	11	473	0	.31	.27	1
GUTHRIE	50.6	81	1	21	28	431	0	.17	.15	1
KINGFISHER	48.9	78	1	20	28	484	0	.23	.22	1
MARENA	49.5	81	1	20	28	463	0	.22	.17	1
MARSHALL	47.7	77	25	19	11	518	0	.12	.08	1
EAST CENTRAL										
CALVIN	50.3	85	10	22	28	439	0	.76	.35	1
COOKSON	48.9	80	10	18	29	489	5	1.34	.48	1
EUFAULA	50.5	81	10	22	29	438	1	1.02	.49	1
HASKELL	48.5	84	10	19	29	496	1	.73	.30	10
MCALESTER	50.5	82	10	22	29	437	4	.99	.73	1
OKMULGEE	49.5	85	10	17	29	467	2	.60	.20	11
SOUTHWEST										
ALTUS	51.7	87	10	24	11	400	1	.03	.03	10
APACHE	49.5	83	10	22	28	465	0	.30	.23	1
FORT COBB	50.0	85	10	22	11	450	0	.21	.17	1
GRANDFIELD	51.9	85	10	24	29	394	0	.04	.03	1
HINTON	50.1	83	10	20	11	446	0	.07	.06	1
HOBART	50.5	86	10	23	11	436	0	.04	.04	10
SOUTH CENTRAL										
ADA	51.4	85	10	24	28	408	0	.83	.61	1
ARDMORE	53.5	85	10	26	29	349	4	.61	.61	1
BURNEYVILLE	53.4	85	1	23	29	354	6	.44	.44	1
BYARS	51.6	83	10	24	11	403	0	.72	.56	1
CENTRAHOMA	50.6	84	10	20	29	435	2	.62	.52	1
DURANT	53.4	83	10	25	29	355	6	1.46	1.43	1
KETCHUM RANCH	51.0	83	10	25	11	421	0	.54	.43	1
SOUTHEAST										
ANTLERS	50.7	84	10	20	29	436	6	1.51	.92	1
BROKEN BOW	51.5	81	10	23	29	412	7	.84	.60	1
CLAYTON	51.2	83	10	21	29	421	6	1.20	.82	1
CLOUDY	50.1	80	10	22	29	452	4	1.31	1.12	1
HUGO	52.1	80	10	26	29	393	5	1.05	.92	1

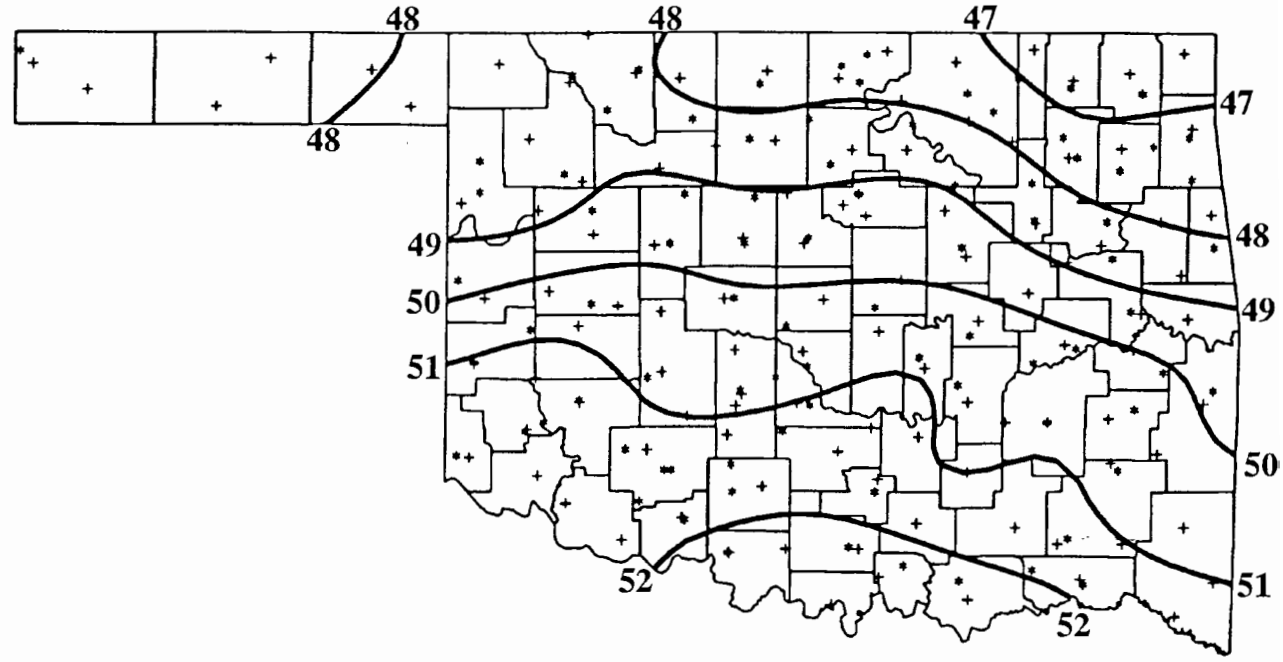
NAME	MEAN TEMP	MAX TEMP	DAY	MIN TEMP	DAY	HDD	CDD	TOT PPT	MAX 24-HR	DAY
NORTHWEST										
GOODWELL	48.3	85	12	11	28	502	0	.04	.02	4
HOOKER	46.2	83	26	9	28	565	0	.00	.00	1
KENTON	46.7	81	26	15	28	550	0	.04	.02	3
SLAPOUT	49.5	85	9	12	28	466	0	.00	.00	1
NORTH CENTRAL										
MAY RANCH	49.7	85	25	12	28	459	0	.01	.01	2
MEDFORD	47.0	79	25	12	28	540	0	.12	.07	11
NEWKIRK	45.5	74	19	13	28	584	0	.16	.07	11
RED ROCK	48.1	78	1	19	11	507	0	.13	.05	11
SEILING	49.5	84	6	15	28	469	3	.06	.06	11
WOODWARD	50.7	85	9	13	28	431	3	.01	.01	11
NORTHEAST										
NOWATA	46.5	82	1	15	29	555	0	.15	.10	11
PAWNEE	49.2	80	1	20	28	473	0	.29	.16	1
PRYOR	47.2	84	10	15	29	534	1	.55	.31	1
SKIATOOK	49.2	84	10	19	28	475	0	.21	.12	10
TULLAHASSEE	48.4	81	10	21	29	499	0	1.06	.48	10
VINITA	45.2	80	10	13	29	594	0	.25	.12	11
WYNONA	48.5	82	10	19	28	495	0	.17	.08	10
WEST CENTRAL										
PUTNAM	49.7	84	6	14	28	461	2	.00	.00	1
RETROP	52.3	86	10	22	28	381	2	.02	.02	10
WATONGA	50.5	81	6	17	28	433	0	.02	.02	11
WEATHERFORD	49.9	81	10	19	11	454	0	.00	.00	1
CENTRAL										
MINCO	50.3	85	10	22	28	441	0	.37	.30	1
NINNEKAH	51.6	85	10	25	28	401	0	.26	.24	1
NORMAN	51.4	84	10	24	11	408	0	.46	.32	1
OILTON	48.8	85	10	18	28	487	0	.31	.12	11
OKEMAH	49.5	84	10	20	29	465	0	.49	.19	10
PERKINS	49.4	80	10	21	28	467	0	.12	.06	1
SHAWNEE	52.1	78	25	24	28	180	0	.51	.28	1
SPENCER	49.8	82	10	21	11	457	0	.45	.20	1
STILLWATER	48.3	79	25	20	28	500	0	.06	.02	1
WASHINGTON	50.9	83	10	24	11	423	0	.53	.43	1
EAST CENTRAL										
SALLISAW	50.3	84	10	22	29	448	6	1.17	.44	1
STIGLER	49.3	80	10	19	29	475	4	1.08	.55	1
STUART	50.8	83	10	21	29	425	0	.75	.47	1
TAHLEQUAH	46.8	78	10	16	29	551	4	1.49	.37	22
WEBBERS FALLS	50.1	96	26	21	29	459	12	1.29	.42	1
WESTVILLE	48.2	79	10	21	11	508	5	1.38	.30	1
SOUTHWEST										
HOLLIS	52.0	87	10	23	11	393	2	.01	.01	1
MANGUM	51.5	87	10	25	28	406	2	.04	.04	10
MEDICINE PARK	53.3	84	10	25	28	353	1	.27	.21	1
TIPTON	51.1	87	10	25	11	418	0	.04	.02	1
WALTERS	51.8	84	10	26	11	397	0	.14	.09	1
SOUTH CENTRAL										
LANE	51.3	81	1	22	29	416	5	1.04	.99	1
MADILL	54.0	85	10	26	4	335	6	.76	.76	1
PAULS VALLEY	52.6	86	10	26	4	373	1	.78	.65	1
RINGLING	52.3	84	10	25	28	382	0	.94	.91	1
SULPHUR	49.8	82	10	21	28	456	0	.85	.76	1
TISHOMINGO	49.7	82	10	20	29	459	1	.62	.61	1
WAURIKA	52.6	86	10	26	29	373	1	.33	.29	1
SOUTHEAST										
IDABEL	51.6	82	10	21	29	408	6	1.86	1.72	1
MT HERMAN	48.8	75	10	22	4	488	2	2.02	1.39	1
TALIHINA	50.3	80	10	20	29	445	5	1.37	1.11	1
WILBURTON	50.7	83	10	19	29	434	6	.44	.26	1
WISTER	47.6	79	10	17	29	523	2	1.24	.87	1



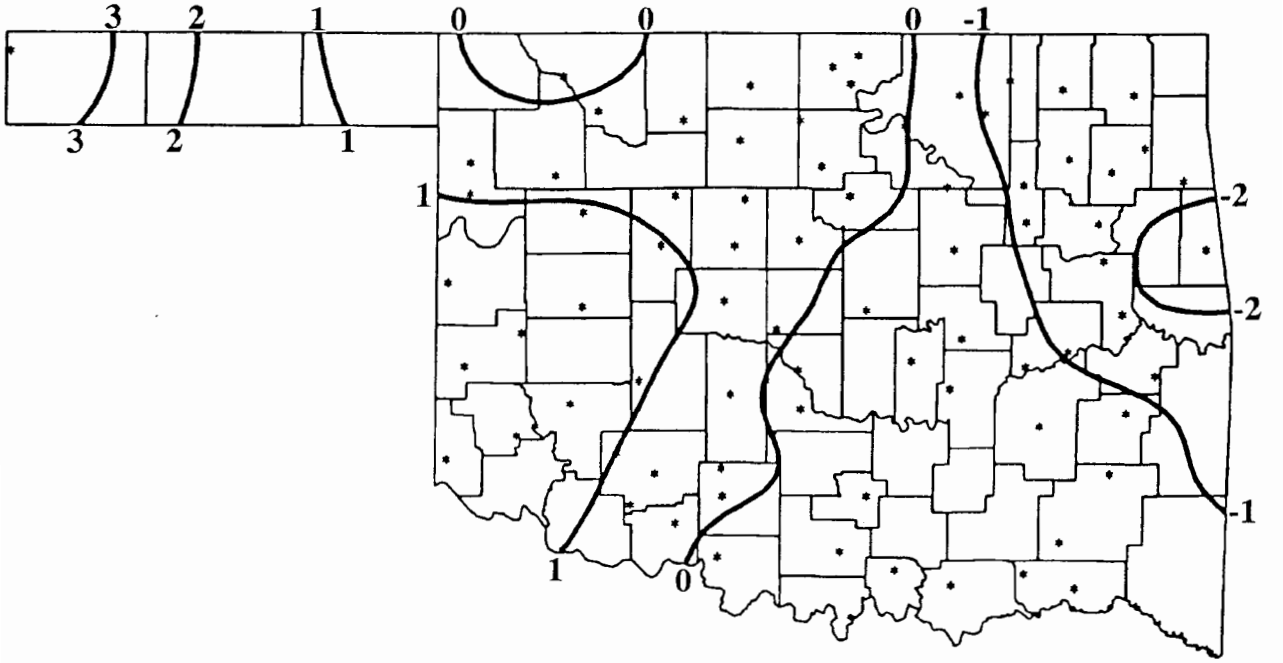
NOVEMBER 1995 TOTAL PRECIPITATION
(Inches)



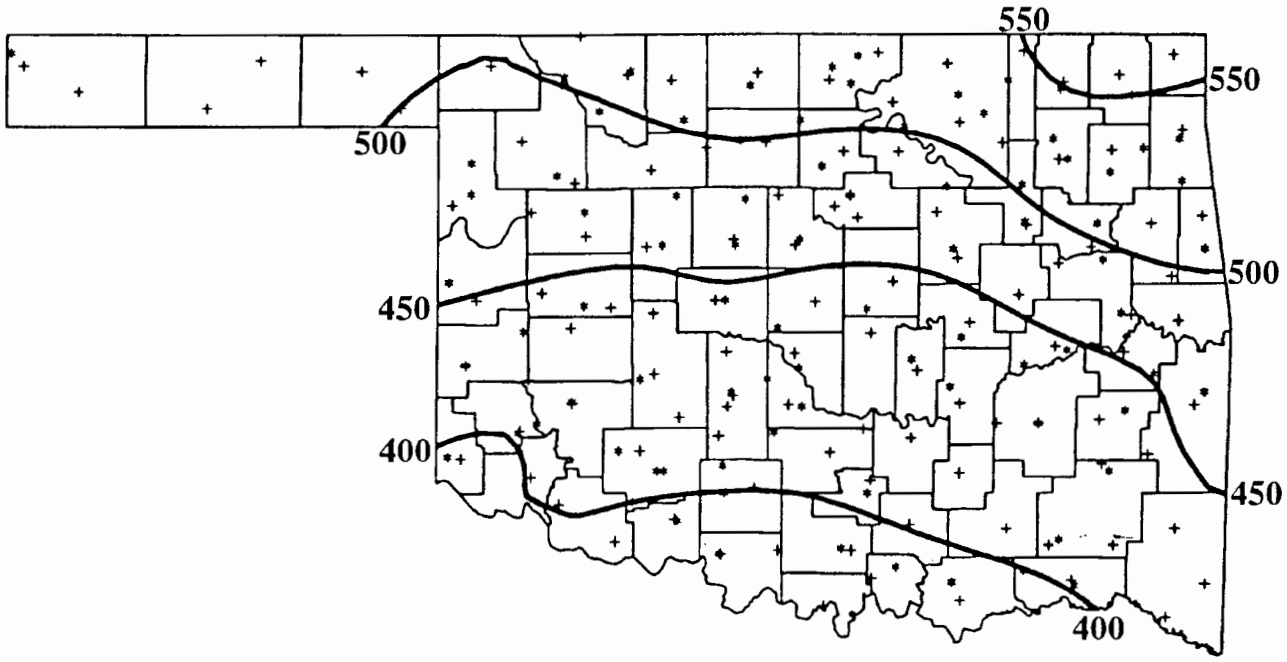
NOVEMBER 1995 DEVIATION FROM NORMAL PRECIPITATION
(Inches)



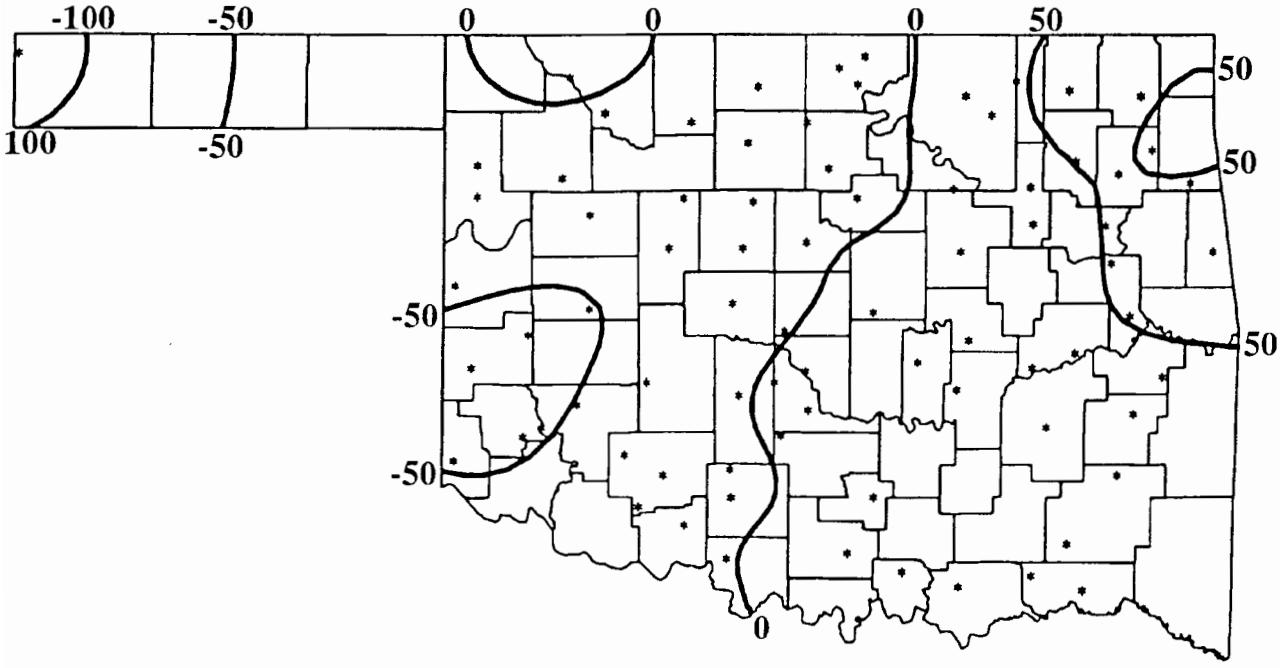
NOVEMBER 1995 AVERAGE MONTHLY TEMPERATURES
(Degrees F)



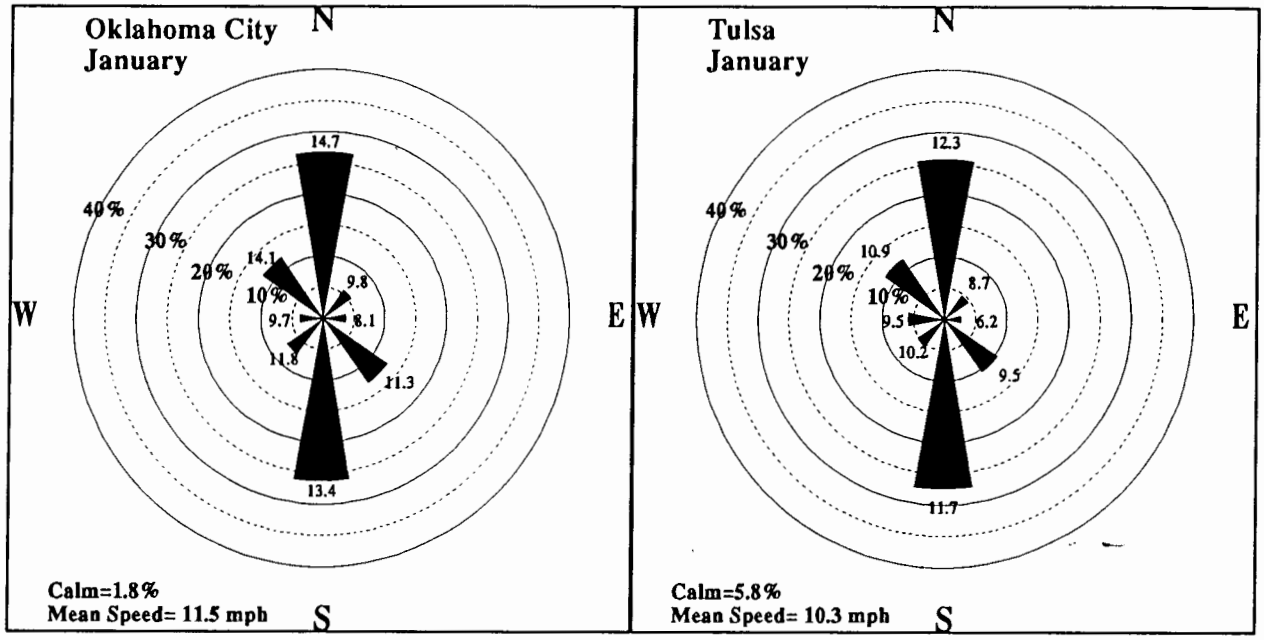
NOVEMBER 1995 DEVIATION FROM NORMAL TEMPERATURES
(Degrees F)



NOVEMBER 1995 HEATING DEGREE DAYS



NOVEMBER 1995 DEVIATION FROM NORMAL HEATING DEGREE DAYS



January 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.

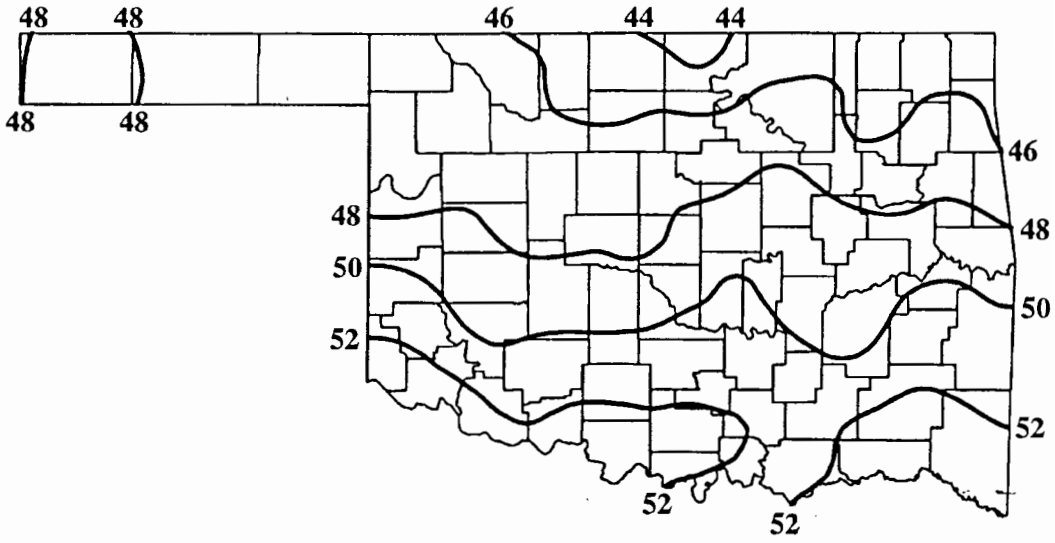
JANUARY 1996 SUNRISE AND SUNSET

OKLAHOMA CITY

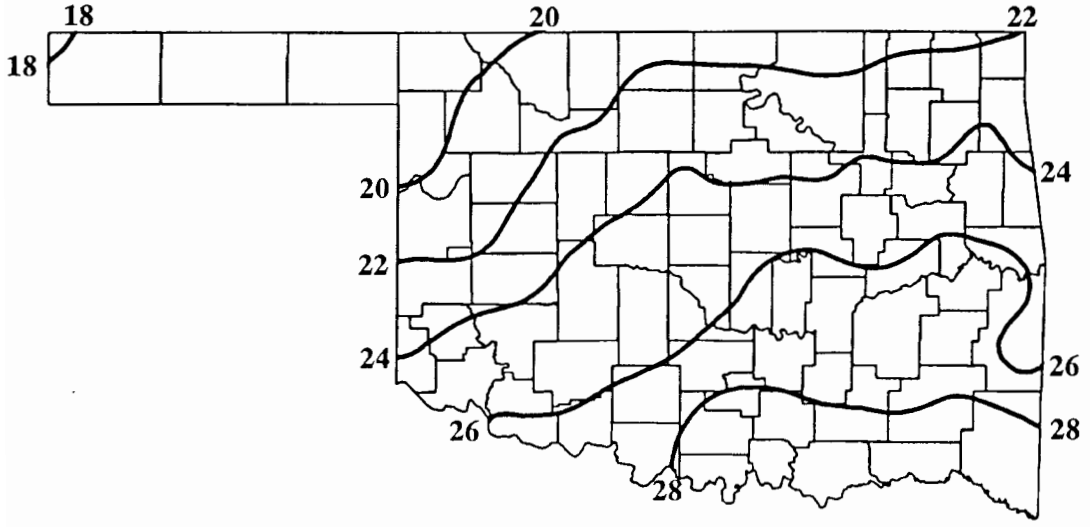
DATE	SUNRISE	SUNSET	DAYLIGHT
96 1 1	7:38AM	5:30PM cst	9 hrs 53 mins
96 1 2	7:38AM	5:31PM cst	9 hrs 53 mins
96 1 3	7:38AM	5:31PM cst	9 hrs 54 mins
96 1 4	7:38AM	5:32PM cst	9 hrs 54 mins
96 1 5	7:38AM	5:33PM cst	9 hrs 55 mins
96 1 6	7:38AM	5:34PM cst	9 hrs 56 mins
96 1 7	7:38AM	5:35PM cst	9 hrs 56 mins
96 1 8	7:38AM	5:35PM cst	9 hrs 57 mins
96 1 9	7:38AM	5:36PM cst	9 hrs 58 mins
96 110	7:38AM	5:37PM cst	9 hrs 59 mins
96 111	7:38AM	5:38PM cst	10 hrs 0 mins
96 112	7:38AM	5:39PM cst	10 hrs 1 mins
96 113	7:38AM	5:40PM cst	10 hrs 2 mins
96 114	7:38AM	5:40PM cst	10 hrs 3 mins
96 115	7:38AM	5:41PM cst	10 hrs 4 mins
96 116	7:37AM	5:42PM cst	10 hrs 5 mins
96 117	7:37AM	5:43PM cst	10 hrs 6 mins
96 118	7:37AM	5:44PM cst	10 hrs 7 mins
96 119	7:37AM	5:45PM cst	10 hrs 8 mins
96 120	7:36AM	5:46PM cst	10 hrs 10 mins
96 121	7:36AM	5:47PM cst	10 hrs 11 mins
96 122	7:35AM	5:48PM cst	10 hrs 12 mins
96 123	7:35AM	5:49PM cst	10 hrs 14 mins
96 124	7:35AM	5:50PM cst	10 hrs 15 mins
96 125	7:34AM	5:51PM cst	10 hrs 17 mins
96 126	7:34AM	5:52PM cst	10 hrs 18 mins
96 127	7:33AM	5:53PM cst	10 hrs 20 mins
96 128	7:32AM	5:54PM cst	10 hrs 21 mins
96 129	7:32AM	5:55PM cst	10 hrs 23 mins
96 130	7:31AM	5:56PM cst	10 hrs 24 mins
96 131	7:31AM	5:57PM cst	10 hrs 26 mins

TULSA

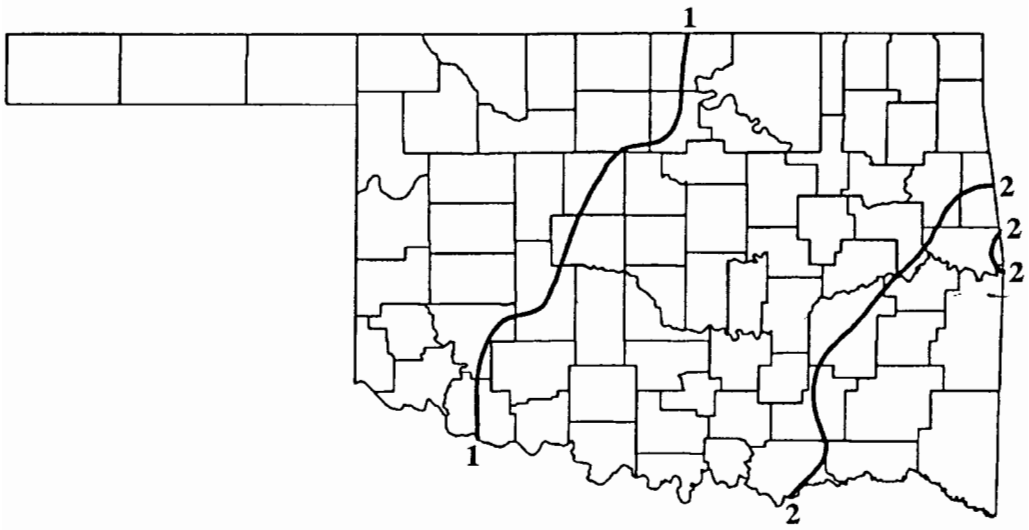
DATE	SUNRISE	SUNSET	DAYLIGHT
96 1 1	7:33AM	5:21PM cst	9 hrs 49 mins
96 1 2	7:33AM	5:22PM cst	9 hrs 49 mins
96 1 3	7:33AM	5:23PM cst	9 hrs 50 mins
96 1 4	7:33AM	5:23PM cst	9 hrs 50 mins
96 1 5	7:33AM	5:24PM cst	9 hrs 51 mins
96 1 6	7:33AM	5:25PM cst	9 hrs 52 mins
96 1 7	7:33AM	5:26PM cst	9 hrs 52 mins
96 1 8	7:33AM	5:27PM cst	9 hrs 53 mins
96 1 9	7:33AM	5:27PM cst	9 hrs 54 mins
96 110	7:33AM	5:28PM cst	9 hrs 55 mins
96 111	7:33AM	5:29PM cst	9 hrs 56 mins
96 112	7:33AM	5:30PM cst	9 hrs 57 mins
96 113	7:33AM	5:31PM cst	9 hrs 58 mins
96 114	7:33AM	5:32PM cst	9 hrs 59 mins
96 115	7:33AM	5:33PM cst	10 hrs 0 mins
96 116	7:32AM	5:34PM cst	10 hrs 1 mins
96 117	7:32AM	5:35PM cst	10 hrs 2 mins
96 118	7:32AM	5:35PM cst	10 hrs 4 mins
96 119	7:31AM	5:36PM cst	10 hrs 5 mins
96 120	7:31AM	5:37PM cst	10 hrs 6 mins
96 121	7:31AM	5:38PM cst	10 hrs 8 mins
96 122	7:30AM	5:39PM cst	10 hrs 9 mins
96 123	7:30AM	5:40PM cst	10 hrs 10 mins
96 124	7:29AM	5:41PM cst	10 hrs 12 mins
96 125	7:29AM	5:42PM cst	10 hrs 13 mins
96 126	7:28AM	5:43PM cst	10 hrs 15 mins
96 127	7:28AM	5:44PM cst	10 hrs 17 mins
96 128	7:27AM	5:45PM cst	10 hrs 18 mins
96 129	7:27AM	5:46PM cst	10 hrs 20 mins
96 130	7:26AM	5:47PM cst	10 hrs 21 mins
96 131	7:25AM	5:48PM cst	10 hrs 23 mins



January Normal Daily Maximum Temperatures (°F)



January Normal Daily Minimum Temperatures (°F)



January Normal Monthly Precipitation (inches)

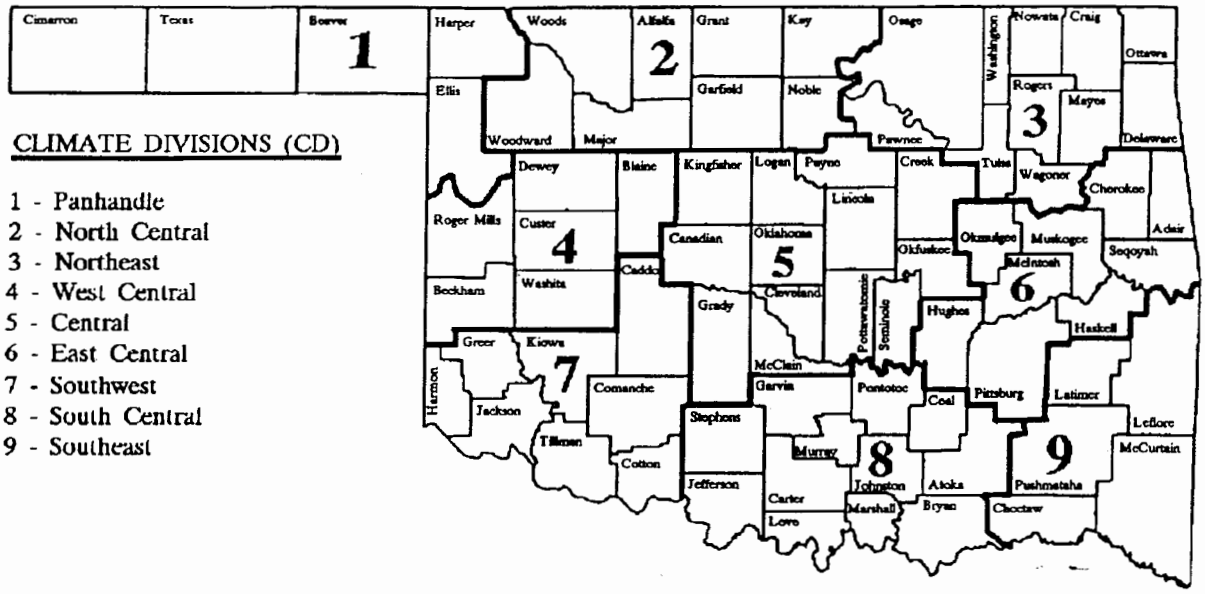
SEASONAL NATIONAL WEATHER SERVICE OUTLOOK

(January through March 1996)

Precipitation - Greater Than Normal Statewide

Temperature - Above Normal Statewide

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 that 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

January 1996

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
46.5 max		47.1 max		45.6 max		43.8 max		46.8 max		47.8 max		44.9 max	
26.5 min		27.4 min		25.0 min		25.2 min		26.5 min		25.1 min		24.2 min	
.02 ppt		.07 ppt		.06 ppt		.02 ppt		.05 ppt		.02 ppt		.01 ppt	
29 hdd		28 hdd		30 hdd		31 hdd		28 hdd		29 hdd		30 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max 74-1910		Highest Max 70-1954		Highest Max 71-1939		Highest Max 72-1927		Highest Max 71-1927		Highest Max 68-1921		Highest Max 73-1965	
Lowest Max 13-1979		Lowest Max 13-1911		Lowest Max 10-1919		Lowest Max 11-1959		Lowest Max 18-1924		Lowest Max 14-1909		Lowest Max 15-1913	
Lowest Min 2-1928		Lowest Min -2-1911		Lowest Min -9-1911		Lowest Min -7-1947		Lowest Min -2-1959		Lowest Min -2-1912		Lowest Min -3-1912	
Highest Min 51-1966		Highest Min 56-1950		Highest Min 52-1922		Highest Min 60-1955		Highest Min 48-1946		Highest Min 52-1907		Highest Min 61-1907	
Greatest ppt .63-1892		Greatest ppt 1.01-1951		Greatest ppt 1.03-1908		Greatest ppt 1.81-1932		Greatest ppt 1.00-1962		Greatest ppt 1.02-1934		Greatest ppt .93-1944	

Normal 8	Actual	Normal 9	Actual	Normal 10	Actual	Normal 11	Actual	Normal 12	Actual	Normal 13	Actual	Normal 14	Actual
46.9 max		44.8 max		42.6 max		44.1 max		46.5 max		47.0 max		48.3 max	
23.5 min		23.5 min		22.7 min		22.6 min		25.1 min		25.3 min		26.3 min	
.03 ppt		.02 ppt		.02 ppt		.01 ppt		.03 ppt		.01 ppt		.02 ppt	
30 hdd		31 hdd		32 hdd		32 hdd		30 hdd		29 hdd		28 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max 71-1923		Highest Max 70-1902		Highest Max 75-1990		Highest Max 77-1911		Highest Max 73-1935		Highest Max 73-1928		Highest Max 75-1928	
Lowest Max 11-1937		Lowest Max 9-1977		Lowest Max 13-1962		Lowest Max 2-1918		Lowest Max 6-1912		Lowest Max 11-1905		Lowest Max 12-1905	
Lowest Min -4-1988		Lowest Min 2-1977		Lowest Min -3-1977		Lowest Min -7-1918		Lowest Min -7-1912		Lowest Min -4-1916		Lowest Min -1-1905	
Highest Min 49-1949		Highest Min 45-1966		Highest Min 47-1928		Highest Min 50-1898		Highest Min 51-1960		Highest Min 51-1952		Highest Min 50-1928	
Greatest ppt 1.45-1935		Greatest ppt .57-1907		Greatest ppt .66-1905		Greatest ppt 1.10-1916		Greatest ppt .78-1927		Greatest ppt .79-1992		Greatest ppt .46-1898	

Normal 15	Actual	Normal 16	Actual	Normal 17	Actual	Normal 18	Actual	Normal 19	Actual	Normal 20	Actual	Normal 21	Actual
49.2 max		46.5 max		47.6 max		46.4 max		44.1 max		45.9 max		45.6 max	
25.5 min		25.5 min		26.1 min		25.7 min		25.1 min		25.0 min		26.0 min	
.02 ppt		.04 ppt		.04 ppt		.10 ppt		.09 ppt		.02 ppt		.08 ppt	
28 hdd		29 hdd		28 hdd		29 hdd		30 hdd		30 hdd		29 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max 77-1914		Highest Max 76-1894		Highest Max 73-1894		Highest Max 74-1951		Highest Max 75-1914		Highest Max 80-1986		Highest Max 71-1967	
Lowest Max 14-1930		Lowest Max 11-1930		Lowest Max 8-1930		Lowest Max 8-1892		Lowest Max 12-1962		Lowest Max 18-1984		Lowest Max 12-1954	
Lowest Min -2-1905		Lowest Min 0-1930		Lowest Min -9-1930		Lowest Min -9-1930		Lowest Min -11-1892		Lowest Min 1-1985		Lowest Min -3-1930	
Highest Min 53-1969		Highest Min 57-1990		Highest Min 52-1894		Highest Min 48-1895		Highest Min 54-1904		Highest Min 53-1921		Highest Min 56-1921	
Greatest ppt 1.07-1932		Greatest ppt .70-1990		Greatest ppt 1.16-1926		Greatest ppt 1.07-1968		Greatest ppt 2.76-1894		Greatest ppt 1.29-1904		Greatest ppt 1.40-1932	

Normal 22	Actual	Normal 23	Actual	Normal 24	Actual	Normal 25	Actual	Normal 26	Actual	Normal 27	Actual	Normal 28	Actual
47.3 max		46.8 max		50.1 max		49.2 max		46.4 max		45.8 max		47.1 max	
25.5 min		25.1 min		27.2 min		27.9 min		26.5 min		25.3 min		26.0 min	
.03 ppt		.02 ppt		.02 ppt		.08 ppt		.03 ppt		.03 ppt		.02 ppt	
29 hdd		29 hdd		26 hdd		26 hdd		29 hdd		29 hdd		28 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max 79-1967		Highest Max 75-1909		Highest Max 81-1950		Highest Max 77-1952		Highest Max 72-1953		Highest Max 72-1914		Highest Max 78-1893	
Lowest Max 16-1962		Lowest Max 13-1963		Lowest Max 8-1894		Lowest Max 15-1905		Lowest Max 12-1897		Lowest Max 17-1961		Lowest Max 21-1948	
Lowest Min -8-1930		Lowest Min -1-1963		Lowest Min -8-1894		Lowest Min -3-1894		Lowest Min 0-1902		Lowest Min 3-1963		Lowest Min 5-1948	
Highest Min 50-1921		Highest Min 51-1967		Highest Min 51-1944		Highest Min 58-1944		Highest Min 54-1911		Highest Min 56-1914		Highest Min 60-1958	
Greatest ppt .39-1920		Greatest ppt 1.16-1921		Greatest ppt .37-1949		Greatest ppt 1.26-1949		Greatest ppt 1.25-1916		Greatest ppt .62-1985		Greatest ppt .44-1989	

Normal 29	Actual	Normal 30	Actual	Normal 31	Actual
48.1 max		46.9 max		48.4 max	
26.2 min		26.2 min		27.8 min	
.06 ppt		.07 ppt		.06 ppt	
28 hdd		28 hdd		27 hdd	
0 cdd		0 cdd		0 cdd	
Highest Max 76-1911		Highest Max 74-1917		Highest Max 83-1911	
Lowest Max 13-1966		Lowest Max 17-1949		Lowest Max 6-1918	
Lowest Min -1-1895		Lowest Min -1-1895		Lowest Min -1-1979	
Highest Min 51-1982		Highest Min 55-1988		Highest Min 52-1911	
Greatest ppt 1.84-1982		Greatest ppt 1.34-1982		Greatest ppt 1.98-1923	

JANUARY AVERAGES

TEMPERATURE	:	36.1°F
PRECIPITATION	:	1.20"
HEATING DEGREE DAYS	:	899
COOLING DEGREE DAYS	:	0

TULSA CLIMATE CALENDAR

January 1996

The data on this calendar are for Tulsa. Normal values are calculated for the period 1948-1991. Temperature extremes are for the period 1905-1992; precipitation extremes are for the period 1948-1992.

Normal 1	Actual	Normal 2	Actual	Normal 3	Actual	Normal 4	Actual	Normal 5	Actual	Normal 6	Actual	Normal 7	Actual
46.0 max		47.0 max		46.0 max		44.0 max		46.0 max		46.0 max		44.0 max	
26.0 min		27.0 min		24.0 min		25.0 min		25.0 min		25.0 min		24.0 min	
.03 ppt		.06 ppt		.11 ppt		.03 ppt		.02 ppt		.01 ppt		.01 ppt	
28 hdd		28 hdd		30 hdd		30 hdd		29 hdd		29 hdd		31 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max	73-1910	Highest Max	72-1950	Highest Max	71-1955	Highest Max	70-1956	Highest Max	73-1984	Highest Max	69-1907	Highest Max	77-1965
Lowest Max	13-1974	Lowest Max	25-1979	Lowest Max	14-1959	Lowest Max	12-1959	Lowest Max	19-1987	Lowest Max	20-1979	Lowest Max	15-1968
Lowest Min	0-1928	Lowest Min	2-1911	Lowest Min	-2-1919	Lowest Min	-8-1947	Lowest Min	-7-1947	Lowest Min	0-1912	Lowest Min	-5-1912
Highest Min	53-1966	Highest Min	55-1950	Highest Min	52-1955	Highest Min	63-1955	Highest Min	48-1992	Highest Min	47-1965	Highest Min	49-1965
Greatest ppt	50-1965	Greatest ppt	.90-1951	Greatest ppt	1.12-1971	Greatest ppt	.82-1963	Greatest ppt	.50-1962	Greatest ppt	.61-1988	Greatest ppt	.17-1973
Normal 8	**Actual**	**Normal 9**	**Actual**	**Normal 10**	**Actual**	**Normal 11**	**Actual**	**Normal 12**	**Actual**	**Normal 13**	**Actual**	**Normal 14**	**Actual**
47.0 max		44.0 max		42.0 max		44.0 max		45.0 max		47.0 max		48.0 max	
24.0 min		24.0 min		22.0 min		22.0 min		25.0 min		25.0 min		27.0 min	
.03 ppt		.06 ppt		.02 ppt		.01 ppt		.02 ppt		.02 ppt		.05 ppt	
29 hdd		31 hdd		33 hdd		32 hdd		30 hdd		29 hdd		27 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max	71-1923	Highest Max	69-1909	Highest Max	76-1990	Highest Max	80-1911	Highest Max	73-1960	Highest Max	75-1907	Highest Max	75-1952
Lowest Max	17-1970	Lowest Max	10-1977	Lowest Max	13-1962	Lowest Max	21-1973	Lowest Max	11-1963	Lowest Max	23-1982	Lowest Max	13-1979
Lowest Min	-5-1988	Lowest Min	0-1977	Lowest Min	-5-1977	Lowest Min	-6-1977	Lowest Min	-13-1918	Lowest Min	-12-191	Lowest Min	-4-1916
Highest Min	46-1954	Highest Min	45-1990	Highest Min	45-1960	Highest Min	43-1960	Highest Min	57-1960	Highest Min	51-1959	Highest Min	51-1953
Greatest ppt	.78-1987	Greatest ppt	.57-1977	Greatest ppt	.30-1949	Greatest ppt	.17-1949	Greatest ppt	.42-1960	Greatest ppt	.41-1951	Greatest ppt	.64-1961
Normal 15	**Actual**	**Normal 16**	**Actual**	**Normal 17**	**Actual**	**Normal 18**	**Actual**	**Normal 19**	**Actual**	**Normal 20**	**Actual**	**Normal 21**	**Actual**
48.0 max		44.0 max		44.0 max		44.0 max		43.0 max		44.0 max		45.0 max	
25.0 min		24.0 min		25.0 min		25.0 min		25.0 min		25.0 min		26.0 min	
.03 ppt		.03 ppt		.04 ppt		.10 ppt		.08 ppt		.04 ppt		.07 ppt	
28 hdd		31 hdd		30 hdd		30 hdd		31 hdd		30 hdd		29 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max	69-1990	Highest Max	78-1938	Highest Max	73-1952	Highest Max	72-1951	Highest Max	75-1951	Highest Max	77-1986	Highest Max	75-1957
Lowest Max	18-1972	Lowest Max	16-1977	Lowest Max	11-1978	Lowest Max	13-1970	Lowest Max	14-1970	Lowest Max	15-1984	Lowest Max	16-1970
Lowest Min	0-1905	Lowest Min	1-1930	Lowest Min	-3-1930	Lowest Min	-14-1930	Lowest Min	-5-1943	Lowest Min	-3-1985	Lowest Min	-1-1918
Highest Min	53-1980	Highest Min	58-1990	Highest Min	55-1973	Highest Min	48-1972	Highest Min	48-1954	Highest Min	45-1973	Highest Min	57-1957
Greatest ppt	76-1949	Greatest ppt	.66-1990	Greatest ppt	.45-1984	Greatest ppt	.88-1968	Greatest ppt	1.85-1990	Greatest ppt	.61-1958	Greatest ppt	.55-1973
Normal 22	**Actual**	**Normal 23**	**Actual**	**Normal 24**	**Actual**	**Normal 25**	**Actual**	**Normal 26**	**Actual**	**Normal 27**	**Actual**	**Normal 28**	**Actual**
46.0 max		45.0 max		50.0 max		50.0 max		46.0 max		43.0 max		47.0 max	
26.0 min		25.0 min		26.0 min		28.0 min		26.0 min		25.0 min		24.0 min	
.07 ppt		.08 ppt		.02 ppt		.10 ppt		.06 ppt		.07 ppt		.01 ppt	
28 hdd		30 hdd		27 hdd		26 hdd		28 hdd		31 hdd		29 hdd	
0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd		0 cdd	
Highest Max	78-1909	Highest Max	78-1909	Highest Max	79-1950	Highest Max	74-1952	Highest Max	71-1911	Highest Max	74-1914	Highest Max	82-1909
Lowest Max	16-1962	Lowest Max	12-1953	Lowest Max	20-1948	Lowest Max	19-1949	Lowest Max	20-1957	Lowest Max	21-1948	Lowest Max	21-1972
Lowest Min	-16-1930	Lowest Min	-8-1930	Lowest Min	-4-1906	Lowest Min	2-1940	Lowest Min	7-1963	Lowest Min	1-1963	Lowest Min	3-1948
Highest Min	53-1965	Highest Min	54-1967	Highest Min	48-1994	Highest Min	49-1981	Highest Min	45-1994	Highest Min	52-1968	Highest Min	59-1968
Greatest ppt	.53-1956	Greatest ppt	1.42-1953	Greatest ppt	.21-1949	Greatest ppt	1.89-1989	Greatest ppt	.62-1967	Greatest ppt	.85-1968	Greatest ppt	.69-1989
Normal 29	**Actual**	**Normal 30**	**Actual**	**Normal 31**	**Actual**								
47.0 max		45.0 max		46.0 max									
25.0 min		25.0 min		25.0 min									
.08 ppt		.10 ppt		.11 ppt									
29 hdd		30 hdd		29 hdd									
0 cdd		0 cdd		0 cdd									
Highest Max	76-1947	Highest Max	74-1931	Highest Max	76-1989								
Lowest Max	14-1966	Lowest Max	15-1949	Lowest Max	12-1985								
Lowest Min	-2-1949	Lowest Min	-6-1949	Lowest Min	-5-1979								
Highest Min	50-1982	Highest Min	58-1987	Highest Min	43-1973								
Greatest ppt	.99-1969	Greatest ppt	1.73-1975	Greatest ppt	2.13-1983								

JANUARY AVERAGES

TEMPERATURE	:	**35.3°F**
PRECIPITATION	:	**1.57"**
HEATING DEGREE DAYS	:	**912**
COOLING DEGREE DAYS	:	**0**

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