

1996 OKLAHOMA ANNUAL SUMMARY

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ANNUAL SUMMARY FOR 1996

The drought that began in late 1995 continued through mid-1996, but an extremely wet summer and autumn actually provided Oklahoma with greater-than-normal precipitation for the year. Through the end of May, all areas of the state were in the grips of the drought that had begun the previous fall, producing the deepest October through May precipitation deficit since, at least, 1895 in wheat-producing north central and west central Oklahoma. Most other regions of the state suffered their second or third driest October through May periods during the 102 years for which regional records are available. The drought was slightly less severe, but still the tenth driest such period, in the more favored areas of east central and southeastern Oklahoma. The extended dry weather fed a series of treacherous wildfires, decimated the 1996 wheat crop and brought great hardship to cattle producers, but was too short-lived to have a major impact on municipal or industrial water supplies. The ensuing wet summer and autumn allowed the agricultural economy some relief as the spring-planted crops were generally successful, although the cool, wet growing season retarded cotton production for the second year in succession.

Despite the severity of the drought during the first half of the year, the state's annual statewide-averaged total precipitation (37.15 inches), was 2.91 inches greater than normal, ranking this as the 29th wettest year of the 106 for which statewide statistics are available. Annual precipitation ranged from 17.23 inches at Kenton (Cimarron County) to 66.64 inches at Valliant (McCurtain). Departures from normal varied from a deficit of 9.33 inches at Union City (Canadian) to an excess of 19.12 inches at Valliant. The heaviest precipitation reported during the year was 10.65 inches recorded at the Cheyenne (Roger Mills) Mesonet site on June 14. Most of that precipitation (9.43 inches) fell between 9:30 PM and midnight.

The statewide-averaged temperature of 59.6 degrees was 0.7 degree lower than normal and ranks 1996 as the state's 24th coolest year since the beginning of statewide records in 1892. Greater than normal temperatures prevailed in February, May, June, and December. An oppressive hot spell from the end of June through the first week of July produced the year's highest temperatures, but the drought-ending rains that began in early July ushered in an unusually cool July through September. Average annual temperatures across the state ranged from 55.3 degrees at Arnett (Ellis) to 63.2 degrees at Altus (Jackson). Sallisaw (Sequoyah) was 3 degrees cooler than normal for the year whereas Boise City (Cimarron) averaged 1.7 degrees warmer than normal. Temperature extremes for the year were -19 degrees, reported at Kenton and Vinita (Craig) on February 22, and 116 degrees at Ponca City (Kay), Medford (Grant), Pawnee (Pawnee) and Wynona (Osage) on July 6.

A total of 46 confirmed tornadoes struck the state during the year, including 17 in April, 8 in May, 7 in September, and 6 each in June and August. This compares to an average of 51.6 tornadoes reported annually in Oklahoma since 1950. The August total was the 2nd greatest for that month since 1950 and the September total was tied for 3rd greatest. All but one of the tornadoes were classified as weak (F0) or moderate (F1) tornadoes (34 and 11, respectively). The single significant (F2) tornado, which occurred on the evening of May

26, cut a path from 1 mile northwest of Talala (Rogers) to 8 miles north of Centralia (Craig). No tornado related deaths were reported.

Although a few areas received substantial snowfall during January and February, much of it blew off the fields and yielded little moisture. A series of wildfires in late February and early March damaged many acres of grassland and forest. Wind erosion became a problem in many places, particularly the wheat-growing areas of north central and western Oklahoma where many fields were only sparsely covered by the struggling winter stand.

A rare "heat burst" in southwestern Oklahoma the evening of May 22, resulting from a collapsing thunderstorm, produced winds as great as 95 miles per hour at Lawton (Comanche) and drove night time temperatures temporarily into the 90s and low 100s. The Chickasha (Grady) Mesonet site reported an "overnight high" temperature of 102 degrees.

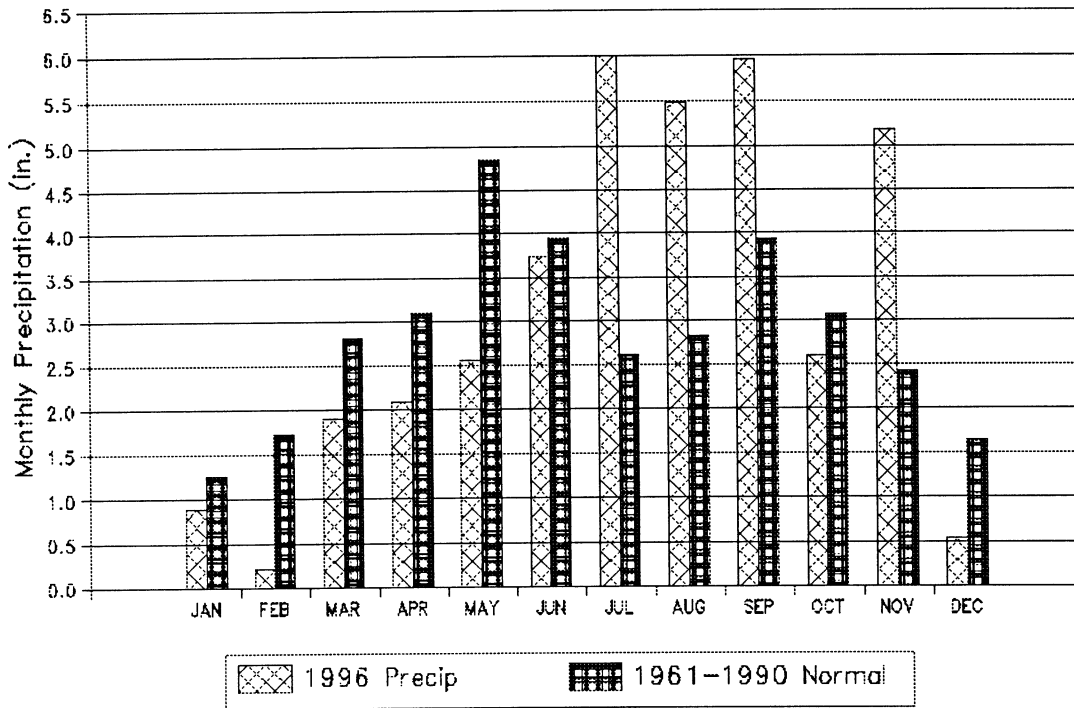
The onset of the drought-breaking summer rains on July 7th marked the end of a 10-day period of 100-plus degree daytime temperatures. Brief hot spells occasionally interrupted an extensive parade of rain-producing systems through July and August. Flash flooding in eastern Oklahoma caused 5 deaths in late September. October was cool and dry, statewide, and November was cool and wet. December was relatively warm and extensively dry, except for some snow in the northwest early in the month and a wintery mix in south central Oklahoma on the 16th.

Howard L. Johnson

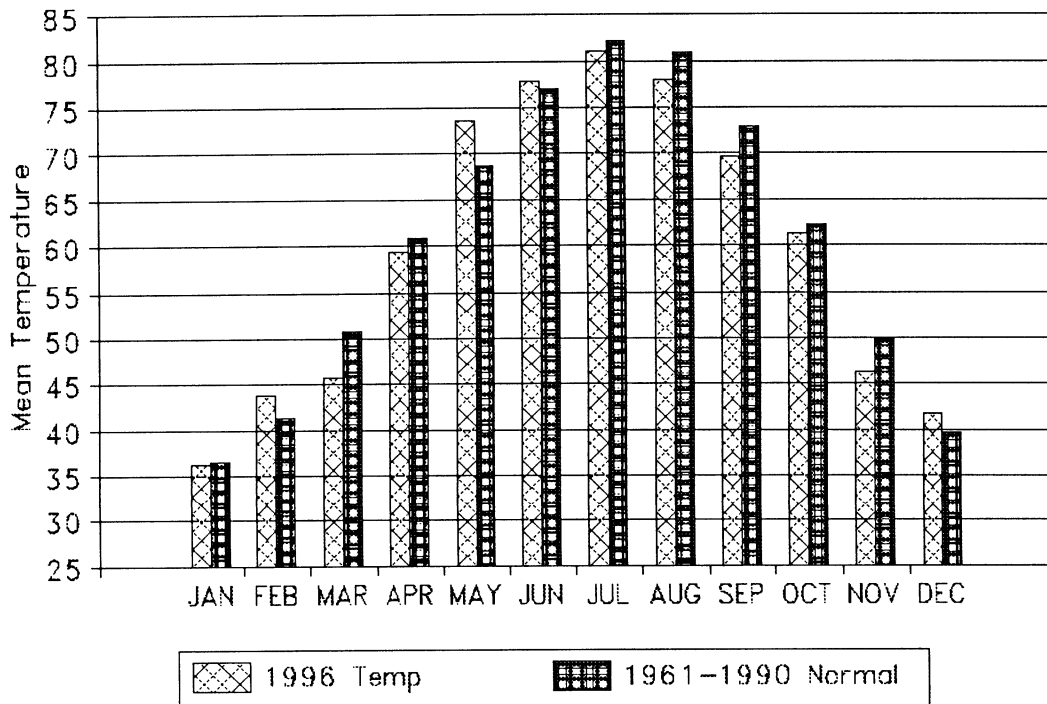
Climate Division Averaged Total Precipitation
With ranking since 1895 (1=driest, 102=wettest)

Climate Division	Oct. 1995-May 1996		Jul. - Nov 1996	
	Precipitation	rank	Precipitation	rank
1 (Panhandle)	5.38 in.	3	17.34 in.	101
2 (North Central)	6.03 in.	1	22.60 in.	101
3 (Northeast)	11.45 in.	2	25.27 in.	94
4 (West Central)	5.33 in.	1	21.41 in.	101
5 (Central)	9.95 in.	2	25.41 in.	100
6 (East Central)	20.17 in.	10	28.46 in.	102
7 (Southwest)	6.88 in.	2	21.36 in.	101
8 (South Central)	13.21 in.	3	29.19 in.	102
9 (Southeast)	23.42 in.	10	37.02 in.	102

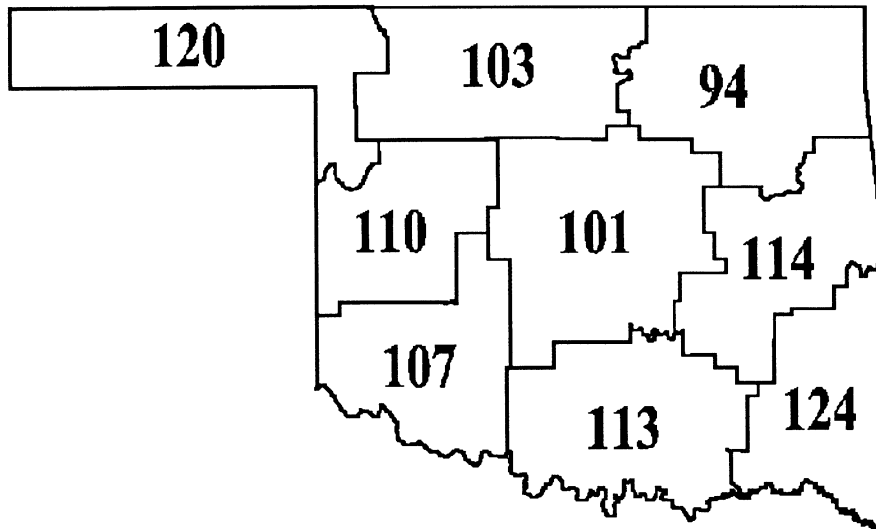
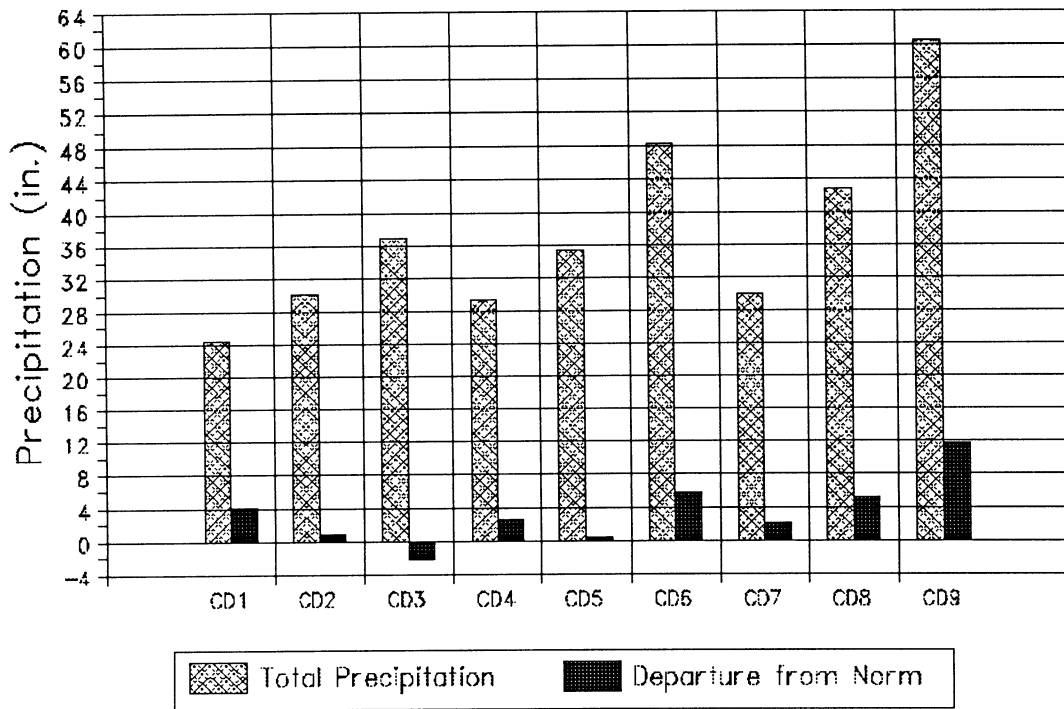
1996 STATEWIDE PRECIPITATION Monthly Totals



1996 STATEWIDE TEMPERATURES Monthly Averages

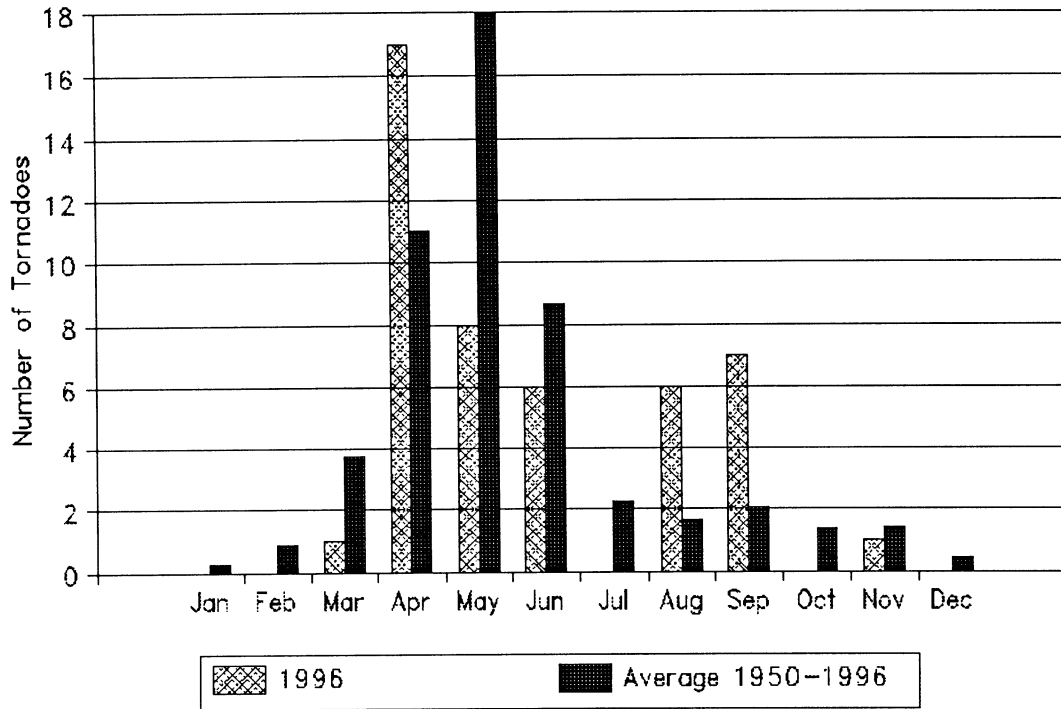


CD Averaged Precipitation 1996 ANNUAL

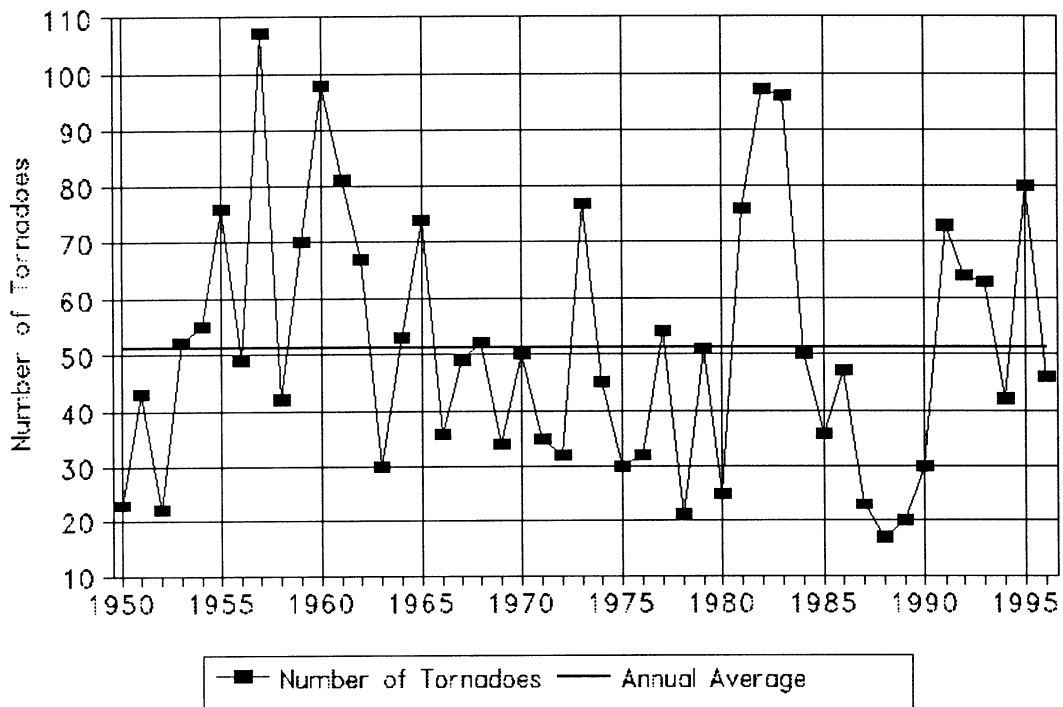


1996 CLIMATE DIVISION PERCENT OF NORMAL PRECIPITATION

Tornadoes in Oklahoma by Month in 1996



Number of Tornadoes in Oklahoma Total each Year, 1950-1996



1996 TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)
CLIMATE DIVISION 1 (NORTHWEST)

NAME	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP
ARNETT	0.02	-0.44	0.07	-0.94	0.44	-1.19	0.00	-1.78	2.57	-1.56	4.22	0.52	7.72	5.83	7.76	5.35	4.62	2.09	0.45	-1.38	2.76	1.33	0.72	-0.05	31.36	7.78
BEAVER	0.06	-0.34	0.11	-0.67	1.23	-0.22	0.00	-1.55	5.63	2.59	1.53	-1.96	5.55	2.69	4.74	1.79	4.17	2.35	0.79	-0.40	2.13	1.11	1.74	1.15	27.69	6.54
BOISE CITY	0.12	-0.18	0.19	-0.30	0.28	-0.61	0.30	-0.88	1.10	-1.48	8.31	5.52	5.28	2.53	5.61	3.16	1.92	0.10	0.41	-0.46	0.52	-0.20	0.20	-0.18	24.26	7.02
BUFFALO	0.00	-0.49	0.00	-1.04	0.48	-1.38	0.30	-2.05	3.09	-1.27	3.40	-0.59	4.72	1.73	2.66	-0.80	3.55	0.47	0.60	-1.34	1.40	-0.22	0.00	-0.80	20.20	-7.78
FARGO	0.00	-0.47	0.40	-0.58	0.93	-0.70	0.00	-2.01	2.37	-1.32	1.96	-1.35	10.16	8.12	5.93	3.22	3.49	1.22	0.64	-1.00	3.92	2.62	0.69	-0.08	30.51	7.67
GAGE	0.04	-0.38	0.02	-0.82	0.55	-0.96	0.01	-1.86	3.40	0.04	2.01	-0.90	6.72	4.85	6.72	4.19	3.53	1.54	0.53	-1.03	*	*	*	*	*	*
GATE	0.00	-0.55	0.10	-0.74	1.29	-0.39	*	*	3.31	0.28	1.17	-1.74	6.71	4.28	6.69	3.81	3.86	1.77	*	*	2.02	0.92	1.05	0.35	*	*
GOODWELL	0.00	-0.27	0.00	-0.42	0.00	-0.87	0.00	-1.23	0.00	-3.11	2.42	-0.26	4.60	2.08	5.43	3.27	*	*	0.62	-0.34	0.42	-0.31	0.00	-0.28	*	*
GUYMON	0.26	*	2.01	*	*	*	0.00	*	7.69	*	3.10	*	*	*	*	*	5.71	*	0.71	*	2.50	*	0.44	*	*	*
HOOVER	0.00	-0.39	0.13	-0.46	0.01	-1.15	0.02	-1.36	2.14	-0.35	1.55	-0.61	5.05	1.71	2.44	-0.20	3.52	1.47	1.03	0.09	1.08	0.30	0.00	-0.41	*	*
KENTON	0.65	0.37	0.16	-0.19	0.16	-0.62	0.20	-1.01	2.98	-0.31	1.91	-1.16	5.71	3.18	5.74	2.88	3.78	1.93	0.81	-0.14	0.20	-0.41	0.07	-0.23	17.23	0.25
LAVERNE	0.08	-0.45	0.09	-0.88	0.86	-0.84	0.04	-1.58	2.98	-0.31	1.91	-1.16	5.71	3.18	5.74	2.88	3.72	1.70	0.57	-0.84	1.92	0.75	0.78	0.05	24.42	2.50
RANGE	*	*	0.00	*	0.35	*	0.00	*	1.21	*	1.71	*	6.46	*	4.39	*	3.59	*	0.88	*	*	*	0.23	*	*	*
REGNIER	0.00	-0.30	0.22	-0.10	0.12	-0.61	0.35	-0.74	2.83	0.58	3.96	1.72	5.83	3.49	5.09	3.21	3.64	1.94	0.76	0.00	0.27	-0.29	0.18	-0.15	23.27	8.75
TURPIN	0.14	*	*	*	0.43	*	*	*	*	*	1.56	*	5.04	*	*	*	2.52	*	*	*	1.40	*	0.43	*	*	*

CLIMATE DIVISION 2 (NORTH CENTRAL)

NAME	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	
ALVA	0.01	*	0.05	*	0.88	*	0.02	*	2.46	*	1.75	*	4.36	*	4.97	*	5.78	*	2.07	*	5.60	*	0.85	*	28.80	*	
BILLINGS	0.14	-0.86	0.22	-1.17	1.62	-1.07	2.21	-0.88	1.40	-3.11	2.99	-1.16	5.45	2.32	4.65	1.52	8.24	3.70	1.87	-0.86	3.16	0.89	0.72	-0.65	32.69	-1.33	
BLACKWELL	0.09	-0.85	0.06	-1.01	1.62	-0.78	0.76	-2.21	1.79	-2.95	3.45	-0.46	4.91	1.77	5.24	2.05	7.94	3.86	2.39	-0.31	3.63	1.35	0.38	-0.97	32.28	-0.51	
BRAMAN	*	*	0.00	*	0.99	*	1.22	*	1.56	*	2.75	*	4.22	*	4.14	*	8.64	*	3.17	*	3.47	*	0.35	*	*	*	*
CEDARDALE	0.00	*	0.05	*	0.42	*	0.01	*	3.00	*	3.37	*	8.51	*	8.42	*	5.30	*	2.49	*	2.01	*	0.41	*	33.99	*	
CHEROKEE	0.00	-0.85	0.00	-1.15	0.75	-1.69	0.00	-2.38	1.89	-2.00	3.88	0.06	3.38	0.64	0.00	-3.02	5.70	2.64	3.63	1.72	4.55	3.03	0.00	-1.13	23.78	-4.13	
ENID	0.06	-0.90	0.15	-1.26	1.19	-1.10	0.63	-2.24	1.82	-2.98	4.89	0.75	5.61	2.85	3.56	0.38	5.90	2.42	2.83	-0.28	2.75	0.54	0.49	-0.65	29.88	-2.47	
FT SUPPLY DAM	0.00	-0.45	0.00	-0.96	0.82	-0.80	0.06	-1.68	2.58	-1.11	3.08	0.09	9.73	7.54	6.71	3.89	5.28	2.97	0.57	-0.97	2.92	1.66	*	*	*	*	
FREEDOM	0.10	-0.44	0.04	-0.84	0.33	-1.53	0.12	-2.05	4.07	0.59	2.17	-0.97	4.05	1.69	7.45	4.45	6.69	4.10	0.70	-1.16	3.46	2.11	0.65	-0.16	29.83	5.79	
HARDY	0.10	*	0.07	*	1.29	*	1.93	*	2.81	*	2.80	*	2.69	*	5.42	*	7.09	*	2.76	*	4.16	*	0.04	*	31.17	*	
HELENA	0.13	-0.64	0.19	-0.96	0.34	-2.05	0.11	-2.37	2.02	-2.00	4.97	1.15	4.42	1.80	6.18	3.42	6.38	3.15	2.31	0.22	2.10	0.29	1.01	0.03	30.17	2.04	
JEFFERSON	0.07	-0.78	0.14	-1.03	1.67	-0.92	0.17	-2.59	2.10	-2.42	4.16	0.12	6.23	2.90	2.74	-0.49	5.73	2.04	2.63	-0.02	3.46	1.28	0.00	-1.19	29.11	-3.10	
LAMONT	0.02	*	0.16	*	1.79	*	0.18	*	1.16	*	5.65	*	4.79	*	3.46	*	4.69	*	3.11	*	2.35	*	0.53	*	27.90	*	
MEDFORD	0.12	*	0.27	*	1.51	*	0.22	*	1.75	*	5.74	*	7.72	*	2.56	*	5.44	*	2.37	*	4.64	*	0.00	*	32.35	*	
MORRISON	*	*	0.14	*	0.93	*	0.94	*	1.58	*	2.87	*	4.99	*	3.20	*	5.92	*	3.59	*	2.61	*	0.30	*	*	*	*
MUTUAL	0.01	-0.59	0.09	-0.98	0.16	-1.90	0.00	-2.43	3.50	-0.52	2.80	-0.51	7.88	5.53	6.56	4.36	4.49	1.84	1.77	0.09	1.44	0.04	0.33	-0.41	29.03	4.52	
NEWKIRK	0.00	-0.87	0.03	-1.14	1.11	-1.26	1.25	-1.84	1.29	-3.60	3.46	-0.99	3.53	0.25	3.01	-0.44	10.23	5.96	3.73	0.50	4.52	2.11	*	*	*	*	
ORIENTA	0.00	-0.71	0.00	-1.03	0.54	-1.55	0.00	-2.61	1.94	-1.84	2.31	-1.40	5.21	2.61	5.03	2.29	4.67	1.61	1.34	-0.54	1.94	0.22	0.04	-0.77	23.02	-3.72	
PERRY	0.06	-0.88	0.20	-1.36	1.15	-1.56	2.13	-0.57	1.36	-3.91	2.74	-1.15	6.41	3.32	6.86	3.60	7.34	2.96	3.08	0.30	*	*	0.34	-0.99	*	*	
PONCA CITY	0.18	-0.85	0.09	-1.24	1.49	-1.04	1.60	-1.22	1.52	-3.04	3.57	-0.35	3.10	-0.60	5.06	1.64	6.66	2.32	3.33	0.41	3.92	1.66	*	*	*	*	
RED ROCK	0.10	-0.80	0.20	-1.18	1.01	-1.58	2.05	-0.71	1.15	-3.46	2.11	-1.98	3.63	0.74	5.06	2.23	5.66	1.43	3.35	0.56	3.89	1.80	0.44	-0.90	28.65	-3.85	
WAYNOKA	0.00	-0.64	0.08	-1.00	0.49	-1.42	0.02	-2.07	2.57	-1.53	0.57	-2.92	4.03	1.60	8.71	5.79	7.22	4.65	2.06	0.31	2.70	1.17	0.69	-0.21	29.14	3.73	
WOODWARD	0.03	-0.52	0.02	-1.01	0.15	-1.67	0.01	-2.04	2.63	-1.33	1.99	-1.19	9.52	6.93	9.17	6.26	4.56	2.22	0.67	-1.20	2.67	1.30	0.59	-0.25	32.01	7.50	

1996 TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)
CLIMATE DIVISION 3 (NORTHEAST)

NAME	JAN PCP	DEP	FEB PCP	DEP	MAR PCP	DEP	APR PCP	DEP	MAY PCP	DEP	JUN PCP	DEP	JUL PCP	DEP	AUG PCP	DEP	SEP PCP	DEP	OCT PCP	DEP	NOV PCP	DEP	DEC PCP	DEP	ANN PCP	DEP	
BARNSDALL	0.25	-1.14	0.19	-1.66	1.07	-2.63	2.50	-0.84	1.80	-3.00	3.92	-0.82	1.88	-1.05	3.70	0.25	8.96	3.35	3.01	-0.18	*	*	0.28	-1.63	*	*	
BARTLESVILLE	0.44	-0.83	0.29	-1.29	1.54	-1.71	2.90	-0.49	1.08	-3.32	4.33	0.28	1.68	-0.92	6.07	2.92	7.07	2.50	3.07	-0.23	6.55	3.83	0.26	-1.37	35.29	-0.63	
BIXBY	1.37	-0.20	0.00	-1.83	*	*	1.95	-1.58	4.53	-0.47	3.36	-1.26	3.00	0.13	*	*	4.81	0.10	4.10	0.40	6.00	2.86	0.00	-1.96	*	*	
BURBANK	0.15	-1.00	0.17	-1.23	1.87	-1.12	2.38	-0.38	1.51	-3.22	2.72	-1.58	3.22	-0.02	4.24	0.83	8.96	4.30	2.06	-1.03	3.94	1.40	0.00	-1.50	31.23	-4.55	
CHELSEA	1.98	*	0.12	*	3.24	*	1.87	*	3.74	*	2.98	*	2.15	*	1.81	*	11.80	*	9.27	*	9.84	*	0.30	*	49.10	*	
CLAREMORE	0.93	-0.67	0.40	-1.60	2.88	-0.70	*	*	1.49	-3.15	2.87	-1.73	3.98	1.01	1.93	-1.14	10.83	6.38	5.23	1.67	8.61	5.38	0.23	-1.95	*	*	
CLEVELAND	0.33	*	0.25	*	1.45	*	1.49	*	2.48	*	2.58	*	*	*	1.96	*	8.53	*	3.87	*	5.45	*	1.19	*	*	*	
FORAKER	0.14	-0.88	0.09	-1.24	1.30	-1.52	1.09	-2.03	2.59	-2.51	1.67	-2.23	1.71	-1.36	5.47	2.01	9.81	4.97	1.87	-1.57	1.95	-0.63	0.29	-1.21	27.98	-8.20	
HOLLOW	0.91	-0.57	0.08	-1.70	2.03	-1.65	4.41	0.79	2.33	-2.69	3.98	-0.69	4.02	0.86	4.73	1.52	5.92	0.89	4.06	0.43	7.20	3.70	0.12	-1.91	39.81	-1.02	
HOMINY	0.39	-0.86	0.16	-1.50	0.78	-2.66	1.76	-1.31	1.71	-2.84	4.31	0.42	3.79	0.72	3.43	0.15	8.34	3.22	3.27	0.31	6.77	4.14	0.22	-1.35	34.95	-1.56	
KANSAS	2.26	0.09	*	*	3.30	-0.87	2.66	-1.62	3.15	-2.24	3.98	-1.01	4.75	2.14	1.56	-2.25	7.88	2.44	*	*	*	*	1.07	-2.13	*	*	
LENAPAH	*	*	0.20	*	1.40	*	4.74	*	3.74	*	3.83	*	2.55	*	3.43	*	*	*	3.28	*	6.02	*	0.45	*	*	*	
MANNFORD	0.35	-0.97	0.30	-1.65	1.61	-1.69	1.00	-2.29	1.31	-3.51	3.45	-0.43	4.86	2.09	5.23	1.95	5.61	1.05	3.93	0.85	8.71	5.87	0.12	-1.67	36.49	-0.40	
MARAMEC	0.19	-1.08	0.28	-1.28	1.16	-2.04	1.26	-1.79	1.79	-3.00	3.48	-0.32	2.72	-0.07	8.20	5.02	9.73	5.04	3.03	0.01	5.31	2.68	0.23	-1.25	37.38	1.92	
MIAMI	0.81	-0.94	0.22	-1.81	2.17	-1.92	*	*	2.51	-2.50	3.73	-0.89	1.82	-1.71	*	*	6.75	1.68	4.75	1.02	7.89	4.08	0.00	-2.46	*	*	
NOWATA	0.83	-0.76	0.38	-1.49	2.44	-1.17	2.24	-1.40	3.12	-1.36	2.86	-1.70	3.40	0.57	2.60	-0.72	8.21	2.86	4.42	1.08	8.06	4.82	0.28	-1.74	38.85	-1.01	
PAWUSKA	0.70	-0.58	0.23	-1.57	2.00	-1.25	2.19	-1.15	1.37	-3.47	3.31	-1.23	3.49	0.31	8.86	5.28	8.47	3.54	3.44	0.24	5.83	3.01	0.22	-1.45	40.12	1.68	
PAWNEE	0.25	-0.97	0.17	-1.52	1.64	-1.45	1.70	-1.41	1.16	-3.74	2.57	-1.27	2.93	0.20	4.02	0.81	7.14	2.10	3.47	0.64	5.56	3.03	0.37	-1.16	30.98	-4.74	
PRYOR	2.83	1.08	0.36	-1.68	3.69	0.12	1.83	-2.08	2.15	-2.52	4.01	-0.98	4.42	1.67	3.67	0.40	*	*	4.82	1.01	7.97	4.35	0.27	-2.14	*	*	
RALSTON	0.26	-0.89	0.21	-1.42	*	*	1.80	-1.36	1.59	-3.17	3.89	-0.26	3.84	0.90	2.29	-1.02	7.58	2.91	2.67	-0.22	4.76	2.22	0.35	-1.21	*	*	
SKIATOOK	0.61	-0.76	0.24	-1.56	3.40	0.12	0.83	-2.62	2.23	-2.46	4.31	0.11	3.75	0.61	1.82	-1.34	7.58	2.73	3.69	0.51	7.01	3.97	0.22	-1.44	35.69	-2.13	
SPAVINAW	2.79	1.09	0.40	-1.54	3.14	-0.44	1.86	-2.13	2.49	-2.28	3.12	-1.78	5.24	2.22	3.48	-0.43	8.35	3.57	3.91	0.22	8.62	4.88	0.27	-2.23	43.68	1.15	
TULSA	0.48	-1.06	0.17	-1.80	2.07	-1.39	1.40	-2.32	2.14	-3.46	3.64	-0.80	3.22	0.13	1.34	-1.78	5.04	0.34	5.17	1.51	7.17	4.03	0.10	-2.06	31.95	-8.66	
UPPER SPAVINAW	2.86	*	0.24	*	3.01	*	2.69	*	3.54	*	3.21	*	5.86	*	2.33	*	7.17	*	*	*	6.34	*	*	*	*	*	*
WINITA	1.27	-0.53	*	*	*	*	*	*	1.94	-2.75	3.23	0.27	4.78	1.00	7.52	2.40	4.78	0.94	4.78	0.94	7.40	3.57	0.40	-2.13	*	*	
WAGONER	0.94	-1.02	0.35	-1.72	3.50	-0.07	2.01	-2.25	3.75	-1.20	2.84	-2.58	3.93	1.10	0.86	-2.17	7.67	3.11	2.52	-1.60	7.93	4.35	0.23	-2.21	36.54	-6.26	
WANN	0.60	*	0.11	*	1.80	*	4.91	*	1.95	*	3.22	*	1.03	*	3.16	*	6.79	*	2.71	*	6.00	*	0.28	*	32.57	*	
WYNONA	0.38	*	0.26	*	1.37	*	2.10	*	1.39	*	3.10	*	3.48	*	3.69	*	7.39	*	3.33	*	6.61	*	0.17	*	33.28	*	

CLIMATE DIVISION 4 (WEST CENTRAL)

NAME	JAN PCP	DEP	FEB PCP	DEP	MAR PCP	DEP	APR PCP	DEP	MAY PCP	DEP	JUN PCP	DEP	JUL PCP	DEP	AUG PCP	DEP	SEP PCP	DEP	OCT PCP	DEP	NOV PCP	DEP	DEC PCP	DEP	ANN PCP	DEP	
CANTON DAM	0.18	-0.44	0.15	-0.90	0.32	-1.76	0.09	-2.20	2.05	-2.29	3.80	-0.02	5.80	3.45	5.00	2.59	7.14	3.96	2.34	0.32	*	*	0.60	-0.39	37.08	6.89	
CLINTON	0.01	-0.93	0.15	-1.04	0.32	-1.71	0.11	-2.20	3.42	-1.51	4.00	-0.15	4.23	2.14	7.97	4.80	11.00	7.27	2.83	0.01	2.42	0.60	0.60	-0.39	37.08	6.89	
COLONY	0.00	*	0.43	*	0.48	*	0.58	*	3.36	*	7.46	*	5.15	*	9.42	*	2.89	*	2.31	*	3.01	*	0.46	*	35.56	*	
CORDELL	0.00	-0.91	0.45	-0.75	0.43	-1.52	0.60	-1.43	2.35	-2.34	3.64	-0.21	4.69	2.76	12.37	9.29	6.02	2.41	3.18	0.66	1.44	-0.31	0.47	-0.43	35.66	7.22	
ELK CITY	0.02	-0.67	0.07	-1.13	*	*	*	*	*	*	4.69	0.82	4.69	2.80	7.39	4.51	*	*	2.46	0.47	3.30	1.65	0.77	0.00	*	*	
ERICK	0.00	-0.53	0.07	-0.90	0.08	-1.62	0.00	-2.04	2.66	-1.43	4.48	0.78	3.28	1.59	4.30	1.79	8.26	5.04	1.98	-0.18	2.07	0.74	0.69	-0.02	27.87	3.22	
GEARY	0.00	-0.76	*	*	0.00	-2.07	0.64	-1.77	*	*	5.23	0.98	4.89	2.83	*	*	4.42	0.62	1.60	-0.64	*	*	0.90	-0.04	*	*	
HAMMON	0.00	-0.68	0.21	-0.84	*	*	*	*	*	*	4.38	0.59	5.38	3.39	7.30	4.33	7.32	4.23	1.09	-0.89	3.22	1.60	0.80	0.04	*	*	
LEEDY	0.00	-0.49	0.30	-0.72	0.08	-1.64	0.00	-2.24	2.92	-1.50	5.49	1.97	4.95	3.17	5.20	2.65	5.44	2.73	0.95	-0.95	2.80	1.25	0.77	0.13	28.90	4.36	
MACKIE	0.00	*	*	*	0.21	*	0.00	*	1.73	*	4.75	*	3.93	*	5.46	*	3.12	*	0.75	*	1.05	*	0.68	*	*	*	*
MORAVIA	0.00	-0.71	0.18	-0.98	0.14	-1.67	0.00	-2.01	2.02	-2.65	5.28	1.48	2.85	1.09	8.35	5.84	5.33	1.92	1.43	-0.96	3.53	2.15	0.64	-0.18	29.76	3.32	
OKENE	0.00	-0.77	0.08	-1.13	1.00	-1.14	0.40	-1.98	1.77	-2.67	3.47	-0.68	7.02	4.66	4.36	1.63	5.72	2.03	1.31	-1.14	1.65	-0.30	0.45	-0.60	27.23	-2.09	
RETROP	0.00	*	0.33	*	0.09	*	0.00	*	2.80	*	4.35	*	2.66	*	7.92	*	6.72	*	1.69	*	2.68	*	0.30	*	29.54	*	
REYDON	0.00	-0.46	0.45	-0.53	0.06	-1.52	0.00	-2.02	2.00	-1.93	5.73	2.21	6.90	5.10	4.29	1.96	3.24	0.21	0.87	-0.78	1.40	0.25	*	*	*	*	
SAYRE	0.00	-0.47	0.01	-0.81	0.09	-1.44	0.24	-1.68	1.89	-2.44	3.97	0.31	3.10	1.43	8.97	6.55	8.08	5.04	1.56	-0.60	3.08	1.73	0.56	-0.03	31.55	7.59	
SWEETWATER	0.00	*	*	*	0.00	*	0.02	*	2.29	*	4.01	*	4.28	*	2.80	*	3.74	*	0.87	*	1.89	*	0.60	*	*	*	*
TALOGA	0.17	-0.53	0.12	-0.97	0.15	-1.76	0.00	-2.36	2.57	-2.17	2.31	-1.40	6.82	4.59	3.37	0.94	7.31	4.34	2.28	0.28	2.47	0.67	0.45	-0.23	28.04	1.40	
THOMAS	0.02	*	0.35	*	0.19	*	0.00	*	1.83	*	3.24	*	4.59	*	4.62	*	7.85	*	3.29	*	2.63	*	0.42	*	29.03	*	
VICI	0.00	-0.73	0.00	-1.20	0.16	-2.07	0.03	-2.44	3.42	-0.99	3.63	0.09	5.41	3.25	6.04	3.76	6.37	3.73	1.67	-0.29	1.65	0.06	0.99	0.13	29.38	3.30	
WATONGA	0.02	-0.94	0.52	-0.74	0.74	-1.47	0.04	-2.36	1.73	-2.89	2.15	-1.90	5.70	3.43	5.14	2.85	5.60	2.23	2.95	0.57	2.49	0.68	0.61	-0.45	27.70	-0.99	
WEATHERFORD	0.00	-0.82	*	*	0.54	-1.37	0.21	-1.91	3.64	-0.97	2.64	-1.37	4.66	2.56	*	*	6.11	2.37	0.97	-1.72	2.05	0.35	0.50	-0.39	*	*	

1996 TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)
CLIMATE DIVISION 5 (CENTRAL)

NAME	JAN PCP	DEP	FEB PCP	DEP	MAR PCP	DEP	APR PCP	DEP	MAY PCP	DEP	JUN PCP	DEP	JUL PCP	DEP	AUG PCP	DEP	SEP PCP	DEP	OCT PCP	DEP	NOV PCP	DEP	DEC PCP	DEP	ANN PCP	DEP
AMBER	0.07	*	0.00	*	2.78	*	0.83	*	1.23	*	4.26	*	8.36	*	8.38	*	5.99	*	2.21	*	3.84	*	0.09	*	38.04	*
ARCADIA	0.20	*	0.02	*	1.26	*	1.24	*	2.10	*	1.80	*	9.26	*	*	*	*	*	2.16	*	3.23	*	0.02	*	*	*
BLANCHARD	0.13	-0.98	0.01	-1.75	2.63	-0.06	2.19	-0.92	0.76	-4.19	5.18	1.17	6.60	4.03	11.80	9.07	5.38	1.22	2.22	-1.15	5.32	3.22	0.22	-1.37	42.44	8.29
BRISTOW	0.36	-1.02	0.22	-1.71	2.00	-1.04	2.79	-0.54	2.40	-3.11	4.42	0.55	4.95	2.21	1.46	-1.20	6.48	1.84	2.78	-0.37	8.36	5.47	0.02	-2.05	36.26	-0.97
CHANDLER	0.07	-1.20	*	*	1.05	-1.87	0.74	-2.45	*	*	3.53	-0.50	6.19	3.48	*	*	*	*	2.39	-0.63	*	*	0.00	-1.53	*	*
CHICKASHA	0.34	-0.69	0.01	-1.58	2.73	0.23	1.90	-0.85	1.52	-3.16	4.53	0.82	8.22	6.13	7.57	4.81	5.20	1.40	1.50	-1.75	2.67	0.72	0.25	-1.01	36.44	5.07
COX CITY	0.55	*	0.01	*	3.09	*	1.08	*	0.59	*	5.42	*	6.49	*	5.94	*	5.26	*	1.75	*	5.65	*	0.27	*	36.10	*
CRESCENT	0.03	*	*	*	0.69	*	0.23	*	1.33	*	3.55	*	6.50	*	6.21	*	3.39	*	2.99	*	2.89	*	0.52	*	*	*
CUSHING	0.00	-1.13	*	*	*	*	2.22	-1.09	2.14	-3.26	2.84	-1.43	4.74	1.62	6.10	3.37	5.04	0.93	4.61	1.72	*	*	*	*	*	*
EDMOND	0.05	*	0.21	*	1.36	*	1.56	*	3.17	*	1.85	*	9.76	*	5.19	*	5.19	*	2.80	*	2.85	*	0.03	*	34.02	*
EL RENO	0.00	-1.00	0.10	-1.20	0.89	-1.45	0.93	-1.64	2.97	-2.44	2.68	-1.71	5.41	3.13	5.68	2.89	4.71	0.58	1.47	-1.05	2.81	1.06	0.14	-0.90	27.79	-3.73
GUTHRIE	0.08	-1.07	0.06	-1.60	0.55	-2.27	*	*	2.73	-2.24	1.15	-3.08	8.15	5.82	6.60	4.33	5.43	1.12	2.67	-0.04	4.16	1.87	0.00	-1.50	*	*
HENNESSEY	0.06	-0.80	0.26	-0.97	0.49	-1.86	1.55	-1.14	1.20	-3.54	4.19	0.01	4.89	2.34	7.04	4.18	3.40	-0.66	2.89	0.55	2.53	0.59	0.53	-0.51	29.04	-1.81
INGALLS	0.45	*	0.22	*	*	*	0.91	*	2.17	*	1.37	*	5.08	*	3.70	*	5.77	*	2.89	*	4.50	*	0.22	*	*	*
KINGFISHER	0.08	-0.92	0.33	-1.06	0.83	-1.42	*	*	1.13	-3.50	3.51	-0.76	5.98	3.93	6.34	3.64	4.62	0.50	3.05	0.72	3.11	1.20	0.48	-0.71	*	*
KONAWA	1.20	-0.31	0.00	-2.08	3.11	-0.10	4.30	0.22	3.05	-2.65	3.30	-0.78	8.43	6.41	7.76	5.77	5.36	0.92	3.03	-1.04	4.53	1.80	0.80	-1.08	44.87	7.08
MARSHALL	0.00	-0.88	0.12	-1.15	1.27	-1.20	0.95	-1.61	0.81	-4.07	4.59	0.61	5.85	3.58	6.43	3.86	3.46	-0.37	1.61	-1.14	2.99	1.08	0.45	-0.70	28.53	-1.99
MEEKER	0.34	-0.70	*	*	2.14	-0.67	2.89	-0.37	1.46	-4.11	2.53	-1.65	9.38	7.13	3.38	0.92	4.54	0.25	2.75	-0.79	6.68	4.12	0.04	-1.38	*	*
MULHALL	0.10	*	0.39	*	1.02	*	0.19	*	1.46	*	3.73	*	6.82	*	4.98	*	5.28	*	2.43	*	2.31	*	0.20	*	28.91	*
NORMAN	0.17	-1.15	0.01	-1.71	2.09	-0.80	2.00	-1.23	0.84	-4.32	*	*	6.73	3.97	5.42	2.56	4.71	0.62	2.11	-1.12	4.61	2.13	0.02	-1.56	*	*
OILTON	0.20	*	0.50	*	1.72	*	1.22	*	2.34	*	1.19	*	*	*	2.40	*	5.70	*	3.28	*	7.97	*	0.00	*	*	*
OKEMAH	1.60	0.15	0.08	-1.83	2.47	-0.68	3.34	-0.58	1.02	-4.28	4.68	0.49	8.76	5.60	2.15	-0.49	6.37	2.11	1.85	-1.99	5.53	2.59	0.41	-1.59	38.27	-0.50
OKLAHOMA CITY	0.08	-1.04	0.02	-1.54	2.17	-0.54	2.00	-0.77	1.90	-3.32	2.21	-2.10	11.90	9.29	5.84	3.24	5.88	2.04	2.53	-0.70	3.37	1.39	0.00	-1.40	37.93	4.55
PERKINS	0.00	-1.17	0.00	-1.67	1.22	-1.68	0.64	-2.28	1.68	-3.81	2.17	-2.26	6.61	3.95	3.69	1.15	6.86	2.46	1.94	-1.03	3.78	1.34	0.30	-1.23	28.89	-6.23
PIEDMONT	0.09	*	*	*	1.00	*	0.70	*	2.54	*	3.67	*	5.55	*	6.18	*	3.21	*	1.77	*	3.10	*	0.01	*	*	*
PRAGUE	*	*	0.04	-1.90	2.14	-1.04	2.84	-0.86	1.54	-3.75	4.27	0.47	8.63	5.67	2.14	-0.29	4.09	-0.39	1.41	-2.42	5.42	2.75	0.00	-1.82	*	*
PURCELL	1.15	-0.19	0.00	-1.97	2.90	-0.23	*	*	1.35	-4.22	7.75	3.52	9.95	7.19	7.59	4.90	5.39	1.03	1.60	-2.34	5.89	3.39	0.30	-1.53	*	*
SEMINOLE	0.98	-0.50	0.00	-2.01	2.42	-0.85	3.84	0.02	2.73	-2.50	5.23	1.02	12.56	10.04	7.66	5.02	5.58	1.19	1.58	-2.27	3.97	1.05	0.16	-1.66	46.72	8.55
SHAWNEE	0.72	-0.65	0.01	-2.00	2.48	-0.71	3.40	-0.58	3.42	-2.25	3.82	-0.50	10.88	8.71	4.60	2.10	4.44	0.22	1.58	-2.49	6.35	3.46	0.21	-1.67	41.92	3.64
STELLA	0.56	*	0.02	*	2.56	*	4.09	*	2.54	*	2.31	*	6.49	*	8.32	*	3.84	*	2.54	*	6.68	*	0.02	*	39.98	*
STILLWATER	0.18	-0.97	0.32	-1.21	1.03	-1.76	0.37	-2.55	2.04	-3.09	2.95	-1.05	6.32	3.42	3.83	1.07	4.99	0.70	2.37	-0.46	*	*	1.22	-0.08	*	*
STROUD	0.42	*	0.14	*	1.45	*	2.37	*	0.75	*	2.69	*	7.80	*	2.95	*	6.97	*	2.52	*	8.27	*	0.16	*	36.51	*
TECUMSEH	0.30	*	*	*	2.34	*	2.88	*	1.23	*	3.81	*	11.24	*	8.36	*	8.36	*	1.16	*	*	*	0.13	*	*	*
TROUSDALE	2.07	*	0.00	*	2.69	*	3.65	*	1.56	*	4.56	*	7.25	*	6.45	*	6.01	*	2.51	*	4.57	*	0.04	*	41.36	*
UNION CITY	0.00	-1.36	0.00	-1.58	1.48	-1.43	1.76	-1.10	0.83	-4.76	2.59	-2.10	5.66	3.36	5.32	2.44	2.83	-1.40	2.52	-0.75	2.89	0.59	0.11	-1.24	26.00	-9.33
WELTY	0.64	*	0.06	*	2.38	*	3.32	*	0.80	*	3.35	*	6.64	*	4.13	*	6.27	*	3.07	*	6.39	*	0.17	*	37.23	*
WEWOKA	1.02	-0.43	0.01	-2.18	2.81	-0.44	4.09	0.38	2.33	-2.88	3.82	-0.24	9.34	6.97	7.06	4.29	5.45	1.13	1.33	-2.38	5.77	2.98	0.20	-1.70	43.23	5.50

1996 TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)
CLIMATE DIVISION 6 (EAST CENTRAL)

NAME	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	
ASHLAND	1.75	*	0.63	*	3.74	*	8.33	*	1.30	*	3.60	*	5.45	*	5.02	*	6.01	*	1.56	*	10.45	*	0.85	*	48.70	*	
BEGGS	0.92	*	0.00	*	2.35	*	2.79	*	2.18	*	5.37	*	5.71	*	1.24	*	4.68	*	2.70	*	5.84	*	0.00	*	33.78	*	
BOYNTON	1.42	*	0.20	*	3.79	*	3.41	*	2.38	*	4.86	*	8.93	*	1.92	*	10.31	*	2.10	*	6.29	*	0.39	*	46.01	*	
CALVIN	3.00	1.40	0.00	-2.12	2.60	-1.20	5.43	1.23	1.50	-4.18	2.48	-2.05	5.85	2.78	2.25	-0.16	2.65	-1.79	2.50	-1.60	2.75	-0.22	2.15	-0.04	33.16	-7.95	
CHECOTAH	2.06	0.43	0.09	-2.10	3.03	-0.67	4.68	0.56	4.29	-1.13	6.08	2.19	5.81	2.77	2.29	-0.55	7.27	2.39	0.99	-3.24	8.24	4.93	0.36	-2.09	45.21	3.49	
CLAYTON 14 WNW	3.81	*	0.44	*	4.17	*	6.85	*	4.37	*	3.94	*	8.35	*	5.22	*	5.01	*	2.66	*	11.89	*	1.77	*	58.48	*	
DEWAR	1.34	-0.24	0.10	-2.13	2.92	-0.63	3.40	-0.62	2.66	-2.57	6.36	2.41	8.08	4.70	2.31	-0.20	8.77	4.23	2.22	-1.74	5.74	2.64	0.26	-1.83	44.18	4.02	
DUSTIN	1.20	*	0.00	*	3.06	*	5.49	*	4.58	*	5.99	*	9.02	*	1.74	*	7.52	*	1.12	*	5.82	*	0.20	*	45.74	*	
EUFULA	1.62	-0.21	0.35	-2.02	3.21	-0.96	4.32	*	4.32	-1.36	5.59	1.56	8.89	5.60	*	*	*	*	3.68	-0.44	11.15	7.71	0.45	-2.25	55.74	*	
HANNA	1.63	-0.10	0.06	-2.32	3.37	-0.70	4.27	0.18	6.40	0.39	5.82	2.11	9.07	6.26	2.80	0.24	7.84	3.26	1.01	-3.14	9.80	6.34	0.30	-2.14	52.39	10.38	
HARTSHORNE	3.13	*	*	*	3.91	*	8.34	*	7.78	*	6.52	*	6.89	*	3.93	*	6.09	*	2.87	*	8.07	*	1.00	*	55.74	*	
HASKELL	1.25	-0.61	0.22	-1.95	3.19	-0.41	2.65	-1.00	2.74	-2.47	4.81	0.11	4.46	1.85	1.95	-0.57	6.82	2.43	1.68	-2.39	7.16	3.67	0.14	-2.14	37.07	-3.48	
HOLDENVILLE	1.45	0.04	0.04	-1.91	3.73	0.39	4.11	0.12	3.67	-1.72	3.06	-0.63	8.62	5.84	6.29	3.77	6.58	2.51	1.04	-3.16	6.70	3.72	0.13	-1.82	45.42	7.15	
LYONS	3.93	2.14	0.06	-1.86	3.65	-0.60	7.00	2.23	4.40	-1.21	4.32	-0.14	7.18	4.27	3.71	0.55	6.49	1.67	2.27	-1.21	10.68	6.91	0.74	-2.01	54.44	10.74	
MCALISTER	3.14	1.15	0.28	-2.37	2.89	-1.11	8.24	4.14	3.69	-2.20	3.40	-0.58	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MCCURTAIN	2.62	0.46	0.15	-2.79	3.73	-0.38	6.02	1.48	2.90	-3.14	4.42	0.25	9.11	5.94	3.61	0.70	6.03	1.27	3.99	0.09	12.91	8.55	2.57	-0.25	58.07	12.18	
MUSKOGEE	1.52	-0.28	0.04	-2.27	2.87	-0.68	3.72	-0.36	5.01	-0.11	4.16	-0.13	5.70	3.06	1.90	-0.94	11.74	7.23	2.53	-1.62	4.82	1.27	*	*	55.74	*	
OKMULGEE	0.78	-0.85	0.20	-1.95	3.34	-0.11	*	*	2.60	-2.84	5.74	1.51	8.22	5.53	2.14	-0.55	7.54	3.63	2.12	-1.89	6.10	2.94	0.34	-1.89	55.74	*	
OKTAHA	1.10	*	0.05	*	2.83	*	4.80	*	4.40	*	4.70	*	5.78	*	2.58	*	7.49	*	1.02	*	6.16	*	0.38	*	41.29	*	
QUINTON	2.10	0.15	0.21	-2.29	3.61	-0.39	6.90	2.83	4.93	-0.96	3.78	-0.49	6.70	3.24	5.12	2.06	5.98	1.40	5.68	1.58	9.76	6.02	0.96	-1.68	55.69	11.47	
SALLISAW	2.42	0.42	0.13	-2.59	2.87	-1.37	6.46	2.07	1.76	-4.05	4.88	1.32	6.78	3.78	6.29	2.90	6.53	2.02	2.37	-2.07	12.09	7.98	1.46	-1.35	54.04	9.06	
SCIPIO	2.12	*	0.33	*	3.09	*	5.32	*	10.02	*	3.07	*	7.59	*	3.57	*	7.03	*	1.96	*	8.97	*	0.50	*	53.57	*	
SCRAPER	*	*	0.00	*	2.19	*	1.40	*	2.90	*	1.80	*	5.80	*	2.70	*	6.11	*	2.40	*	3.90	*	0.60	*	55.00	*	
SHORT	3.33	*	0.10	*	2.19	*	5.26	*	3.07	*	5.17	*	5.89	*	5.28	*	6.95	*	2.89	*	13.27	*	1.60	*	55.00	*	
STILLWELL	2.67	0.59	0.26	-2.40	3.14	-1.14	6.10	1.60	4.41	-1.26	4.47	0.25	6.45	3.40	4.52	0.63	10.14	5.42	2.68	-1.40	12.42	8.64	0.70	-2.46	57.96	11.87	
STAHLWEH	1.64	-0.37	1.27	-1.14	3.99	-0.10	3.94	-0.22	3.02	-2.36	5.36	0.82	6.95	3.97	2.66	-1.05	10.51	5.52	*	*	9.02	5.44	0.32	-2.68	55.74	*	
TWEBBERS FALLS	*	*	0.09	-2.45	3.29	-0.66	6.29	2.09	2.86	-2.78	4.59	0.92	6.13	3.65	5.95	3.06	*	*	1.25	-3.27	12.34	8.97	0.81	-1.90	55.74	*	
WESTVILLE	2.72	*	0.14	*	3.04	*	4.72	*	5.83	*	0.89	*	5.41	*	2.66	*	10.26	*	4.47	*	5.11	1.90	0.61	*	55.74	*	
WETUMKA	0.90	-0.59	0.00	-2.14	2.90	-0.70	4.25	0.01	7.12	1.83	4.57	0.47	7.64	4.72	3.32	0.73	6.21	1.63	1.04	-2.80	5.11	1.90	0.54	-1.58	43.60	3.48	

CLIMATE DIVISION 7 (SOUTHWEST)

NAME	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	PCP	DEP	
ALTUS	0.02	-0.82	0.03	-1.07	0.96	-0.60	0.03	-1.89	1.40	-2.83	4.08	0.57	7.47	5.71	6.73	4.28	4.67	1.23	1.83	-0.54	1.42	0.11	0.22	-0.69	28.86	3.46	
ALTUS DAM	0.02	-0.75	0.00	-1.19	0.51	-1.22	0.07	-1.84	2.25	-2.16	3.34	-0.37	5.50	3.59	7.98	5.59	2.92	-0.51	0.81	-1.93	1.82	0.46	0.33	-0.53	25.55	-0.86	
APACHE	0.00	-1.10	0.00	-1.44	2.35	0.00	0.68	-1.92	1.71	-3.30	6.55	2.62	7.38	5.35	6.23	3.80	4.94	1.19	1.33	-1.48	2.35	0.54	0.15	-1.01	33.67	3.25	
ALTUS AFB	*	*	0.00	*	0.49	*	0.00	*	1.39	*	3.65	*	*	*	*	*	2.71	*	*	*	*	*	*	*	*	*	*
CARNEGIE	0.00	-0.93	0.00	-1.35	1.15	-0.85	0.70	-1.66	3.24	-1.88	2.36	-1.64	6.62	4.62	6.63	4.31	2.36	-1.67	1.62	-0.77	1.20	-0.40	0.00	-1.06	25.90	-3.28	
CHATTANOOGA	0.33	-0.63	*	*	2.05	-0.08	2.30	-0.23	0.47	-3.98	3.78	0.39	2.00	-0.12	8.73	6.05	*	*	1.24	-1.48	2.53	0.99	0.06	-1.12	*	*	
DUNCAN 11 W	1.04	*	0.00	*	2.88	*	3.41	*	0.45	*	3.22	*	2.06	*	5.01	*	9.06	*	0.99	*	0.00	*	0.00	*	*	*	
FREDERICK	0.00	*	0.00	*	1.47	*	0.40	*	2.75	*	3.00	*	6.20	*	7.19	4.48	4.49	0.91	1.94	-0.71	1.97	0.37	0.00	-1.03	*	*	
HEADRICK	0.00	*	0.00	*	1.47	*	0.40	*	2.75	*	3.00	*	6.20	*	7.19	4.48	4.49	0.91	1.94	-0.71	1.97	0.37	0.00	-1.03	29.09	*	
HOBART	0.01	-0.77	0.03	-1.02	0.61	-1.06	0.18	-1.88	2.61	-1.89	1.88	-1.19	5.89	3.81	*	*	*	*	*	*	*	*	*	*	*	*	
HOLLIS	0.01	-0.58	0.05	-0.96	0.53	-0.85	0.00	-1.98	2.92	-0.60	4.44	0.75	6.70	5.08	5.82	3.38	6.26	3.13	2.14	-0.03	2.22	1.11	0.53	-0.15	31.62	8.30	
LAWTON	0.32	-0.74	*	*	2.35	0.22	1.65	-0.78	*	*	3.86	0.24	1.54	-0.36	9.45	7.24	5.89	2.23	1.31	-1.67	*	*	0.10	-1.15	*	*	
FOOT SILL	0.38	*	0.00	*	2.24	*	1.80	*	0.52	*	3.08	*	1.72	*	7.14	*	5.22	*	2.52	*	1.53	*	*	*	*	*	
LOOKEBA	0.00	-0.98	0.00	-1.31	1.01	-1.17	1.30	-1.16	3.24	-1.57	3.17	-0.99	4.17	2.28	6.21	3.63	4.18	-0.17	1.48	-1.25	1.88	0.09	0.26	-0.76	26.91	-3.36	
MANGUM	0.00	-0.75	0.00	-1.12	0.40	-1.13	0.00	-1.79	3.08	-1.17	4.30	0.53	4.78	2.75	10.18	7.90	6.25	2.87	1.39	-1.27	1.17	-0.09	*	*	29.70	*	
RANDLETT	1.24	*	0.10	*	2.84	*	0.18	*	1.42	*	1.95	*	1.51	*	7.40	*	7.51	*	1.26	*	4.28	*	0.00	*	29.70	*	
ROOSEVELT	0.00	-0.86	0.00	-1.14	0.64	-1.09	0.06	-2.30	1.55	-3.30	7.35	3.69	5.59	3.53	8.12	5.74	3.62	0.29	0.97	-1.59	1.95	0.47	*	*	30.48	*	
SEDAN	0.00	*	0.01	*	1.43	*	0.43	*	1.83	*	3.14	*	8.04	*	8.92	*	2.55	*	2.49	*	1.48	*	0.16	*	30.48	*	
SNYDER	0.00	-0.90	0.00	-1.23	1.68	-0.11	0.41	-1.84	1.12	-3.56	4.98	1.52	5.29	3.23	10.14	7.63	5.19	1.62	1.78	-0.75	2.44	0.90	0.00	-0.98	33.04	5.53	
VINSON	0.01	-0.47	0.03	-0.84	0.27	-1.20	0.00	-1.68	3.81	-0.16	7.95	4.49	5.25	3.62	3.15	0.86	5.50	2.30	1.19	-1.01	3.27	2.05	0.00	-0.70	30.43	7.26	
WALTERS	0.10	-1.27	0.00	-1.80	2.79	0.24	3.60	0.72	0.54	-4.58	3.30	-0.84	1.57	-0.79	6.92	4.24	8.71	4.46	1.59	-1.65	3.77	1.68	0.04	-1.36	32.93	-0.95	
WICHITA MT WLR	0.00	-1.18	0.00	-1.46	2.34	-0.06	*	*	0.77	-4.21	4.98	1.16	3.52	1.21	9.74	7.58	7.81	3.78	1.98	-1.00	*	*	*	*	*	*	
WILLOW	0.02	*	0.53	*	0.26	*	0.00	*	2.48	*	6.17	*	6.26	*	10.76	*	5.72	*	1.60	*	3.13	*	0.58	*	37.51	*	