

OKLAHOMA ANNUAL SUMMARY 1990

TABLE OF CONTENTS

1990 in Review.....	2
The Floods of 1990.....	5
The Tornadoes of March 13, 1990.....	6
Storm Summary Report.....	7
1990 Annual Data Summary Tables.....	9
1990 Annual State Map Summary.....	28

1990 IN REVIEW

An active spring storm season, flooding in southern Oklahoma, dry conditions in the north, summer heat waves, and a December cold snap were all prominent features of 1990. Heavy precipitation during the first five months of 1990, pushed the statewide annual average to 43.52 inches. The total was 11.06 inches above the 30-year mean, and the 7th wettest since records began in 1892. The average annual temperature of 61.5 degrees came in tied for the 19th warmest on record, 0.9 degree above normal.

Precipitation during 1990 was anything but uniform. All regions of the state except the Panhandle recorded above-normal precipitation, but the greatest departures from normal were recorded in the south and east. Overall, most of the precipitation fell from mid-January to mid-May. January through April all ranked among the top five monthly precipitation totals on record statewide, and the period January through April was the wettest on record. It took quite some time for waters to move downstream, as flooding persisted into late May after the rains had ceased.

The year began with the fifth warmest January on record, and above-normal temperatures persisted through mid-March. The warmth of January also helped to dry grasslands, resulting in numerous grass fires in eastern and central Oklahoma. Despite some heavy precipitation in mid-January, the threat of grass fires did not end until precipitation became more frequent and widespread in February. The warm, wet conditions during the first three months created abundant soil moisture, which helped to increase wheat yields statewide.

A ready access to moisture from the Gulf of Mexico not only contributed to heavy rains, but also added to an active spring storm season. The 30 tornadoes recorded during 1990 were the most since 1986. An outbreak of ten tornadoes ripped across central Oklahoma on March 13 in advance of an approaching cold front. Among the more damaging tornadoes was one which hit downtown Shattuck on April 25, injuring four people and causing \$2 million in damages. The only tornado fatality of the year occurred on May 15, when a tornado hit Stillwater. The storm also left 11 injured and caused nearly \$5 million in damages.

Continued heavy rains throughout the spring caused millions of dollars in damages through floods. South central and southeast Oklahoma were especially hard-hit, as heavy rains filled creeks and rivers across central, southern and eastern Oklahoma. As the water moved downstream, widespread flooding occurred along many rivers, and reservoirs were pushed beyond capacity. Record lake levels were recorded at Lakes Eufaula, Texoma, Sardis, Wister, McGee, Hugo and Arbuckle, according to the United States Geological Survey (USGS). Waters in Lake Texoma topped the spillway for the first time since 1957. The heavy rains also kept farmers out of the field for much of the spring, hampering harvesting of winter wheat, planting of spring crops, and application of fertilizer and pesticides to crops. A lack of sunshine also made conditions favorable for the spread of plant diseases, which caused damage to much of the wheat crop before it could be harvested.

A ridge of high pressure began building over the western United States at the end of May. By the middle of June, the ridge was firmly in place, diverting rains away from Oklahoma, and making June 1990 the tenth driest on record. This was good news to residents of southeast Oklahoma, who found cleaning up from the spring floods a difficult enough task without added rain. The dry conditions were not as good news to residents of north central Oklahoma however, where precipitation had been below normal since March. The prolonged dry spell across northern and western Oklahoma remained unbroken until mid-September.

Along with the drier conditions of June came the summer's first heat wave. 25 days with temperatures above the century mark during June made the month the sixth warmest on record. The heat wave lasted into early July when a shift in the upper-air patterns brought a welcome change in the weather. Maximum temperatures were held to the 80's or low 90's for much of the time from mid-July to mid-August. The heat returned in the latter half of August and continued into early September, forcing cancellation or rescheduling of classes at many schools during early September. The highest temperature of the year, 110 degrees, was observed at Buffalo on August 25. Temperatures remained over 100 degrees through the first ten days of September.

A series of cold fronts in mid-September brought much needed rain to northern Oklahoma, and also brought relief from the heat. Cool, dry air, which persisted through early November, brought the first freeze to many parts of the state on October 10. The dry air warmed quickly with the afternoon sun, as maximum temperatures frequently climbed to the 70's and 80's during much of the

period. Record heat near Thanksgiving pushed November to the fifth warmest on record. The warm weather through much of the fall contributed to a record cotton harvest.

Warm temperatures continued into the first few weeks of December, until a cold arctic air mass heralded the beginning of winter on the 20th. Sub-zero temperatures were recorded in many locations from December 21-24, including -8 degrees at Goodwell on the 22nd and Waynoka on the 24th. Another arctic front at the end of the month brought ice storms to large sections of Oklahoma, as winter once again tightened its grip on the state.

1990 STATE SUMMARY BY CLIMATE DIVISION

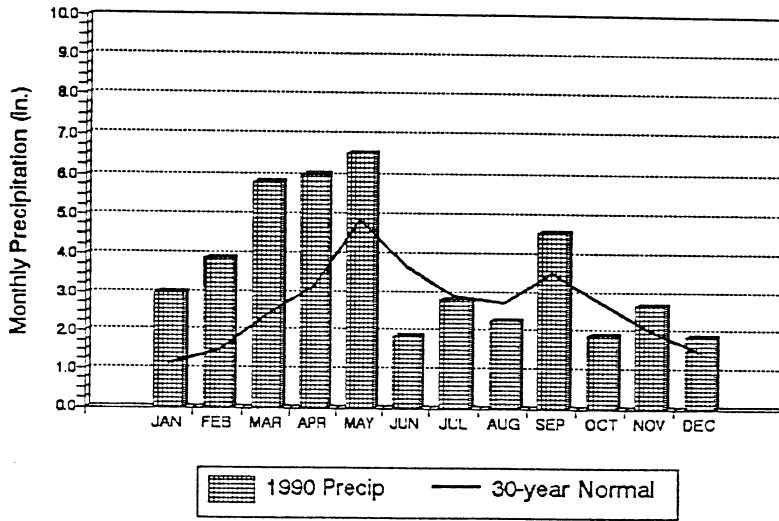
CD	TEMPERATURE	PRECIPITATION	CDD	HDD
1	57.5	18.1	1651.7	4379.6
2	60.4	25.6	2103.1	3738.4
3	61.7	43.2	2079.0	3269.4
4	60.7	29.1	2050.4	3604.2
5	62.3	44.2	2170.1	3120.5
6	62.5	66.4	2031.6	2928.5
7	62.1	35.1	2161.2	3184.4
8	63.3	56.8	2210.0	2819.0
9	63.8	73.4	2151.0	2561.6

WARMEST AND COOLEST OBSERVED TEMPERATURE FOR EACH CLIMATE DIVISION

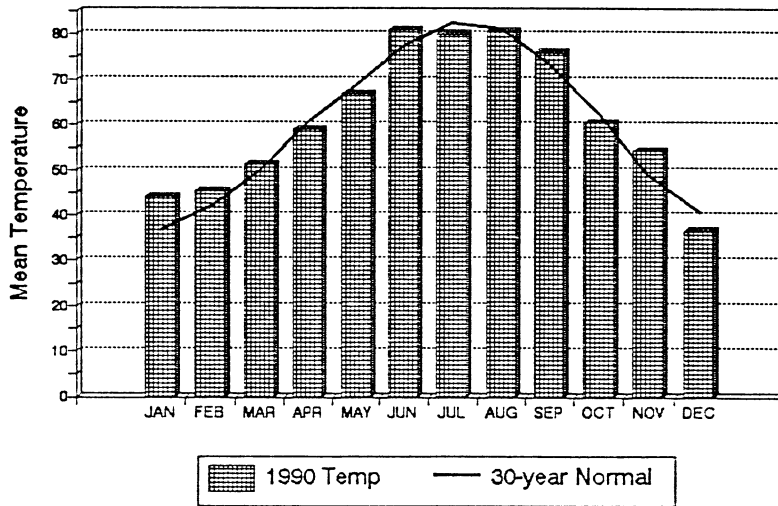
GREATEST MONTHLY AND 24-HOUR PRECIPITATION TOTAL FOR EACH CLIMATE DIVISION

CD	MAX			MIN			MONTHLY			24-HOUR		
	TEMP	DATE	LOCATION	TEMP	DATE	LOCATION	PRECIP	MONTH	LOCATION	PRECIP	DATE	LOCATION
1	110	0825	BUFFALO	-16	1223	KENTON	6.29	JUL	BOISE CITY	3.65	0425	OPTIMA LAKE
2	109	0902	GREAT SALT PLNS	-8	1230	ENID	7.37	SEP	NEWKIRK	4.08	0311	MORRISON
	*	*	*	-8	1224	WAYNOKA	*	*	*	*	*	*
3	108	0831	RALSTON	-2	1231	PAWUSKA	9.78	MAR	ONETA	5.61	0921	WAGONER
4	109	0902	WEATHERFORD	-4	1222	CLINTON	10.83	APR	CHEYENNE	8.68	0423	CHEYENNE
5	107	0831	GUTHRIE	-3	1223	STILLWATER	12.48	MAR	GUTHRIE	6.04	0921	PRAGUE
	107	0901	GUTHRIE	*	*	*	*	*	*	*	*	*
6	105	0703	MCCURTAIN	2	1231	TAHLEQUAH	16.17	MAY	HANNA	8.04	0503	HANNA
7	108	0627	CHATTANOOGA	0	1231	ANADARKO	10.60	APR	RANDLETT	4.85	0819	ALTUS AFB
8	108	0908	MCGEE CREEK DAM	3	1231	MARLOW	16.28	MAY	DAISY	7.30	0503	ALLEN
9	106	0830	ANTLERS	4	1223	BATTIEST	22.00	MAY	SMITHVILLE	7.38	0503	BENGAL
	106	0829	BOSWELL	4	1224	SMITHVILLE	*	*	*	*	*	*
	*	*	*	4	1224	TUSKAHOMA	*	*	*	*	*	*

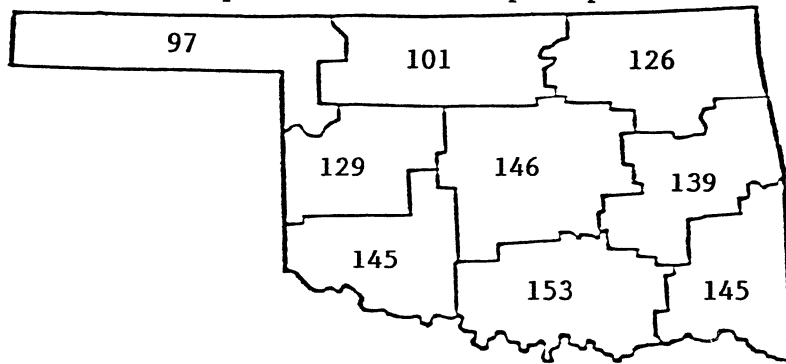
1990 Monthly Precipitation Statewide Average for Oklahoma



1990 Monthly Temperatures Statewide Average for Oklahoma



1990 annual percent of normal precipitation.



THE FLOODS OF 1990

Heavy rains during the first four months of 1990 pushed rivers and lakes beyond capacity, resulting in heavy flooding across central, southern and eastern regions of Oklahoma. A series of slow-moving low pressure systems passed over Oklahoma throughout February and early March, saturating many portions of the state. With rivers still catching up to the heavy runoff from the early spring storms, two heavy rainfall events hit the state in April and early May.

During the third week of April, a very strong low pressure system entrenched itself over the Western United States. For several days, upper level disturbances along and ahead of the low center spawned thunderstorms in the state. On April 18 and 19 storms delivered 2-4 inches of rain to much of the southern one-half of the state. Additional rain followed over the next several days. As the system finally moved through the state on April 25 and 26, southeastern Oklahoma received another 3 to 3.5 inches of rain. During the period April 16-26, the reporting stations of Climate Division 8 (comprising most of south central Oklahoma) received an average of 8.63 inches of precipitation. This represented over twice the normal divisional average for the entire month.

The second major storm system moved slowly through the state during the period of May 1 through 3, producing 2-day rainfall amounts of over 10 inches at Hanna and at Bengal. Rainfall in excess of 8 inches fell at Ashland, Daisy, Hartshorne and Lehigh. A number of other locations received over 7 inches during the passage of this system.

Twelve counties in central, southern and eastern Oklahoma were declared disaster areas on May 18 - Atoka, Bryan, Carter, Johnston, Lincoln, Love, Marshall, McIntosh, Murray, Pittsburgh, Pottawatomie and Sequoyah. Much of the flooding occurred in areas near Lakes Texoma and Eufaula and along streams which feed into the lakes. Many lakes in the area reached new record levels, including Lakes Eufaula, Texoma, Sardis, Wister, McGee, Hugo and Arbuckle.

Roger Mills County in western Oklahoma was also declared a disaster area on May 18, in the wake of localized flash flooding. On April 22, an area of heavy thunderstorms moved from the Texas panhandle into Roger Mills county. Rainfall in excess of 8 inches fell on Cheyenne during the afternoon and evening, causing flash floods which damaged over half the homes and business in the town, and swept away at least three county bridges.

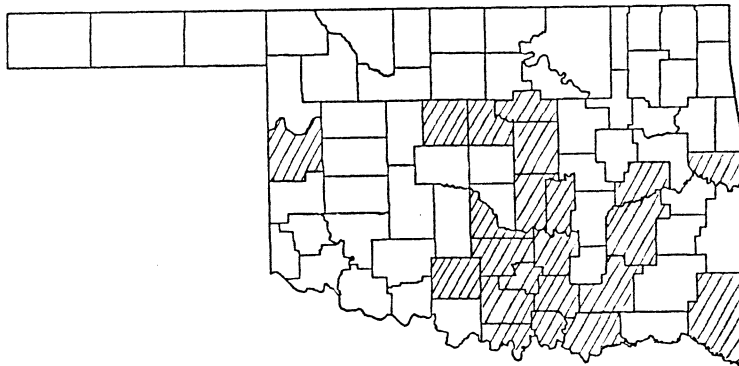
The list of disaster areas was expanded on May 22 to include Payne county, following a damaging tornado on May 18 in Stillwater. Along with the Stillwater storm, heavy rains fell on Kingfisher and Logan counties. Water moved downstream from these rains, pushing rivers out of their banks farther upstream than previously recorded. Kingfisher, Logan, Garvin, McClain, Pontotoc, Seminole and Stephens counties were also declared disaster areas on May 25.

Water flowing over the spillway of Lake Texoma, for the first time since 1957, moved down the Red River, causing flooding in low-lying regions of southeastern Oklahoma late in the month. McCurtain County became the final county added to the list of disaster areas on May 25.

Overall, 22 counties across central, southern, eastern and western Oklahoma were declared disaster areas as a result of the spring rains and storms. It took a long time for waters to drain from swollen reservoirs, and southeastern Oklahoma continued to suffer into June as the lakes dropped toward normal levels.

Mark Shafer

Counties declared disaster areas, May 18-25, 1990



THE TORNADOES OF MARCH 13, 1990

Early March of 1990, an unusually stormy period for Oklahoma and nearby states, culminated in a powerful outbreak of severe thunderstorms and tornadoes on March 13. For three days prior to the outbreak, warm, humid air streamed north across the plains states while a deep upper-level trough of low pressure over the western states periodically ejected small disturbances across Oklahoma. Although thunderstorms erupted on March 11th and 12th in central and eastern Oklahoma, they were small in scale compared to the severe weather outbreak produced by the main body of the western trough as it moved eastward and interacted with the moist unstable airmass on the 13th. A total of 59 tornadoes were spawned across seven states; 10 of these were in Oklahoma.

The potential for severe weather was readily apparent the morning of the 13th when thunderstorms erupted in northwestern Oklahoma along a dryline (a boundary between dry air of the southwestern United States and moist air from the Gulf of Mexico). These storms produced high winds and hail, destroying a mobile home at 8:30 a.m. in May, Oklahoma. The morning storms raced northeastward across Kansas and eventually produced several strong tornadoes in eastern Iowa. By late morning, no further thunderstorms were active in Oklahoma. However, southeasterly winds continued to strengthen across the eastern two thirds of the state, continuing the supply of moisture. At the same time, the dryline began moving eastward toward the region of enhanced moisture, raising dust across western sections of the state in its wake.

Early afternoon sunshine heated the air, producing thunderstorms along the dryline near a Lawton-to-Yukon line and in northwest Oklahoma west of Enid. The first storms to become severe were those in southwest Oklahoma, with the first reports of large hail at 2:38 p.m. in Tillman County. Two hours later, the first tornado touched down west of Bradley and moved northeast 28 miles before dissipating five miles northeast of Noble. The tornado produced F2 damage (on a scale from 0 to 5) in Noble and Washington, including extensive damage to the Noble High School football stadium. A second F2 tornado developed from the same cluster of storms, touching down west of Criner and lifting southeast of Noble. As the storms continued northeastward, a third tornado (F1) touched down in the Little River State Park in east Norman at 5:50 p.m. The last tornado (F1) produced by this group of storms touched down northwest of Stella and lifted west of Meeker by 6:45 p.m. One serious injury occurred from this tornado when a mobile home was destroyed.

Meanwhile, storms in northwest Oklahoma produced two strong tornadoes in Grant County. The first tornado (F3) developed five miles northeast of Nash at 5:15 p.m. and traveled 19 miles, before dissipating northeast of Wakita. Another tornado (F2) formed east of Wakita while the first tornado was still in progress. The second tornado crossed into Kansas before it dissipated. Both tornadoes remained over lightly populated regions and no injuries were reported.

A third cluster of storms developed in northwest Texas and moved into Jefferson County. Three tornadoes were spawned by these thunderstorms. The first tornado (F1) was reported at Waurika at 6 p.m. The strongest of the tornadoes occurred one hour later near Loco, causing damage rated at F3. One person was injured by this tornado. The third tornado (F2) formed near Elmore City and moved northeastward toward Byars before lifting at 8:45 p.m. Damage was considerable in Ratliff City and Pauls Valley. One final tornado (F2) for the day touched down at 8:10 p.m. in Creek County, destroying several barns.

The March 1990 episode was the most significant tornado outbreak for Oklahoma since April 26, 1984, in terms of numbers and intensity of tornadoes. Amazingly, considering the size of the outbreak, very few injuries were reported, largely due to long warning lead times provided by the National Weather Service. Doppler radar proved to be an invaluable tool in the warning process.

James G. LaDue

STORM SUMMARY REPORT

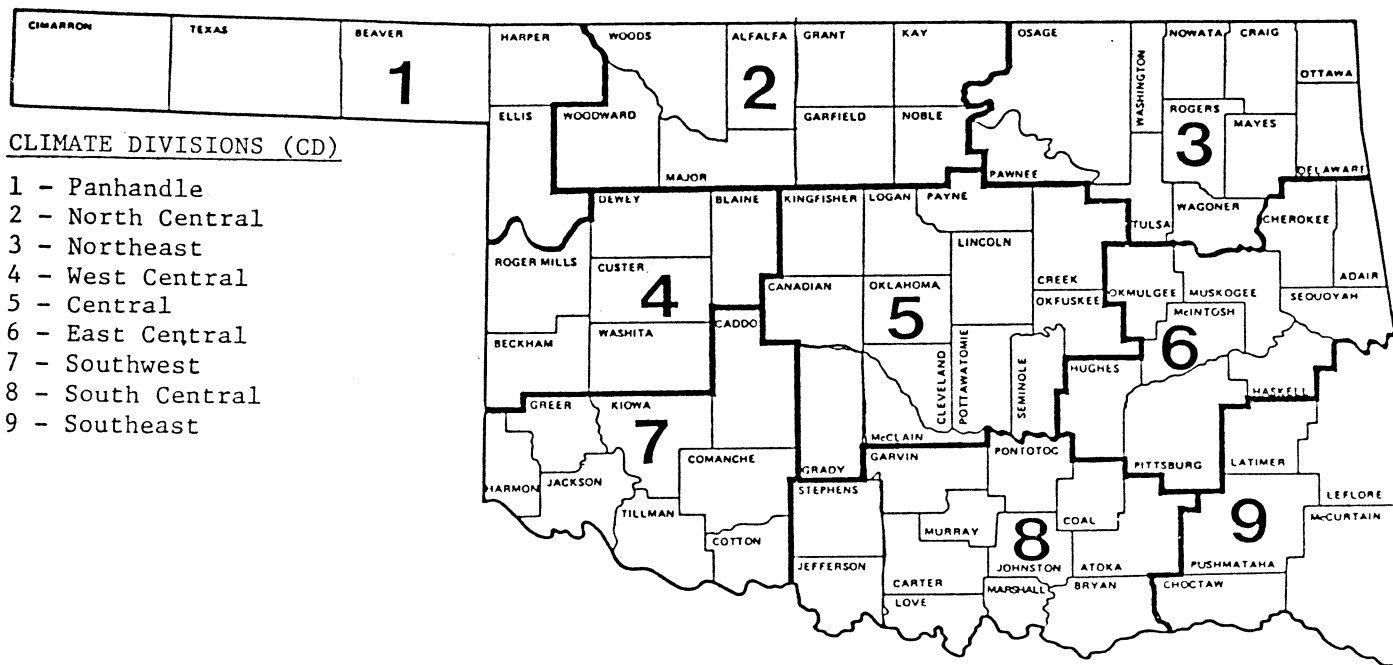
STATE Oklahoma MONTH _____ YEAR 1990

TYPE OF STORM	NUMBER	DAYS	DEATHS	INJURIES	DAMAGE*	
					PROPERTY	CROPS
TORNADOES	30	7	1	31	1.5 - 15.0 Million Dollars	No Estimate
HAIL	 	 	0	0	5.0 - 50.0 Million Dollars	.5 - 5.0 Million Dollars
THUNDERSTORM WINDS	 	 	0	0	.05 - 2.5 Million Dollars	.05 - .5 Million Dollars
HIGH WINDS	 	 	0	0	No Estimate	No Estimate
LIGHTNING	 	 	4	4	.05 - 3.0 Million Dollars	No Estimate
FLASH FLOODS	89	 	1	0	5.0 - 50.0 Million Dollars	No Estimate
FLOODS	72	 	0	0	5.0 - 50.0 Million Dollars	No Estimate
HEAVY SNOWSTORMS AND BLIZZARDS	 	 	0	0	No Estimate	No Estimate
ICE STORMS #	 	 	12	16	No Estimate	No Estimate
HURRICANES & TROPICAL STORMS	 	 	0	0	0	0
ALL OTHERS (Heat)	1	 	1	0	No Estimate	No Estimate

* Total damage for month, by categories.
Freezing drizzle and freezing rain, commonly known as glaze.

SUPERSEDES WS FORM F-2 WHICH SHOULD BE DESTROYED

O K L A H O M A



CLIMATE DIVISIONS (CD)

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

1990 STATION SUMMARY

The following tables contain summaries of the cooperative data received at the OCS during 1990. They represent a preliminary description of climate conditions across the state and have been initially quality controlled for accuracy. Even so, they may not always agree precisely with those final values published by the National Climatic Data Center. Asterisks indicate data are missing within the month or that 30-year "normals" were unavailable. A station is included in the table only if six or more months of complete data are available. Annual averages and totals are computed only if all twelve monthly values are present. Climate division averages and totals are based on complete monthly records.

1990 PRECIPITATION (INCHES) AND DEPARTURES FROM NORMAL

CD	ID	STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
			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
1	332	ARNETT	0.82	0.39	2.65	1.98	1.43	0.13	2.96	1.18	2.59	-1.55	0.68	-2.61	2.83	0.74	3.53	1.12	4.03	2.12	0.86	-0.95	2.12	1.03	0.25	-0.38	24.77	3.20
1	593	BEAVER	0.95	0.57	2.12	1.54	0.74	-0.43	2.59	1.34	1.95	-1.31	0.92	-1.92	3.82	0.95	0.00	-2.81	2.26	0.74	0.52	-0.70	0.74	-0.15	0.30	-0.15	16.92	-2.33
1	908	BOISE CITY	0.66	0.30	1.63	1.14	0.40	-0.41	0.42	-0.93	2.65	0.22	1.20	-0.79	6.29	3.69	0.99	-1.39	1.73	0.17	0.25	-0.58	1.72	1.09	0.36	-0.04	18.32	2.47
1	1243	BUFFALO	0.43	-0.10	1.48	0.56	1.01	-0.70	2.44	0.37	1.49	-2.90	1.82	-1.78	2.07	-1.25	1.07	-2.27	2.07	-0.73	0.30	-1.65	0.73	-0.60	0.61	-0.08	15.52	-11.13
1	3070	FARGO	0.72	0.26	2.59	1.74	1.64	0.35	3.65	1.82	2.29	-1.67	0.75	-2.46	3.23	1.04	1.14	-1.33	4.58	2.76	0.63	-1.04	1.46	0.44	0.38	-0.27	23.07	1.64
1	3407	GAGE	0.49	0.04	1.89	1.08	3.59	2.41	2.47	0.62	2.68	-0.98	1.16	-1.61	0.70	-1.41	1.47	-0.95	2.51	0.91	0.57	-1.02	1.62	0.78	0.25	-0.39	19.43	-0.52
1	3489	GATE	0.85	*	2.14	*	1.44	*	2.61	*	1.81	*	0.96	*	2.65	*	0.88	*	1.44	*	0.63	*	0.44	*	0.60	*	16.47	*
1	3628	GOODWELL	0.94	0.69	0.93	0.62	0.64	-0.14	1.41	0.30	2.61	-0.26	0.55	-1.75	2.46	-0.42	0.26	-2.11	2.78	1.51	0.43	-0.52	1.04	0.40	0.14	-0.13	14.19	-1.81
1	4298	HOOKER	1.73	1.32	2.21	1.75	0.74	-0.49	1.85	0.66	2.83	-0.60	0.29	-2.66	2.67	-0.26	0.56	-2.22	4.36	2.74	0.18	-0.93	0.86	0.10	0.22	-0.17	18.51	-0.76
1	4766	KENTON	0.99	0.69	1.46	1.18	0.65	-0.11	0.56	-0.73	2.92	0.43	0.74	-1.08	4.59	1.70	0.89	-1.61	2.32	0.81	0.17	-0.73	1.11	0.58	0.35	0.05	16.76	1.18
1	5045	LAVERNE	0.73	0.10	2.08	1.20	1.31	-0.23	3.13	1.60	1.32	-2.07	1.17	-1.80	2.67	0.18	1.56	-1.41	1.51	-0.50	0.32	-1.19	0.99	0.00	0.78	0.11	17.59	-4.01
1	7412	RANGE	*	*	*	*	0.87	*	1.97	*	3.81	*	0.65	*	1.39	*	0.77	*	*	*	0.25	*	0.49	*	0.41	*	*	*
1	7534	REGNIER	1.12	0.85	1.36	1.09	0.35	-0.33	0.74	-0.37	2.53	0.61	1.01	-0.79	4.19	1.69	1.98	0.07	1.35	-0.06	0.20	-0.56	0.99	0.48	0.14	-0.14	15.97	2.54
1	9017	TURPIN	1.13	*	1.58	*	0.61	*	3.41	*	2.69	*	0.58	*	3.10	*	0.09	*	2.71	*	*	*	0.44	*	*	*	*	*
2	193	ALVA	1.44	*	2.57	*	*	*	*	*	*	*	*	3.65	*	2.37	*	2.07	*	0.74	*	1.43	*	0.47	*	*	*	
2	302	VANCE AFB	*	*	1.82	*	3.22	*	2.48	*	3.49	*	0.72	*	2.01	*	1.32	*	2.36	*	1.18	*	1.65	*	0.63	*	*	*
2	755	BILLINGS	1.77	0.86	3.44	2.22	4.95	2.88	1.58	-1.34	3.60	-1.00	0.79	-3.32	0.49	-3.03	2.05	-0.84	5.25	1.03	1.61	-0.86	1.90	0.01	0.52	-0.70	27.96	-4.09
2	818	BLACKWELL	1.80	*	2.77	*	4.60	*	1.41	*	2.90	*	0.90	*	0.55	*	3.06	*	5.21	*	1.03	*	1.85	*	0.88	*	26.97	*
2	1075	BRAMAN	1.91	*	2.70	*	3.91	*	1.12	*	2.85	*	0.45	*	*	*	2.05	*	*	*	1.35	*	2.01	*	0.25	*	*	*
2	1724	CHEROKEE	2.45	1.76	*	*	1.92	-0.01	3.35	0.80	5.80	1.95	1.71	-2.28	5.58	2.82	1.03	-1.55	3.33	0.66	0.78	-1.04	1.73	0.45	0.10	-0.77	*	*
2	2912	ENID	1.99	1.08	3.60	2.44	4.07	2.18	2.45	-0.33	3.60	-1.41	0.15	-3.97	2.03	-1.15	*	*	2.71	-0.50	1.65	-1.16	2.54	0.76	0.43	-0.60	*	*
2	3304	FT SUPPLY	0.63	0.13	1.70	0.85	*	*	*	*	1.82	-1.89	0.81	-2.13	*	*	*	*	1.83	-0.14	0.48	-0.95	2.22	1.30	0.30	-0.32	*	*
2	3358	FREEDOM	1.04	*	2.02	*	1.16	*	1.89	*	2.71	*	0.81	*	2.78	*	0.97	*	4.22	*	0.64	*	1.26	*	0.46	*	19.97	*
2	3909	HARDY	1.29	*	3.20	*	5.17	*	*	*	2.32	*	1.52	*	3.60	*	1.86	*	5.99	*	1.66	*	1.76	*	0.74	*	*	*
2	4019	HELENA	1.97	1.26	3.51	2.51	3.37	1.45	2.41	-0.16	*	*	0.72	-3.23	2.03	-1.05	1.22	-1.39	2.25	-0.62	0.98	-1.14	1.93	0.39	0.46	-0.48	*	*
2	4573	JEFFERSON	1.90	1.20	3.52	2.55	3.46	1.53	1.87	-0.90	2.20	-1.72	0.60	-3.38	1.81	-2.11	2.66	-0.59	3.00	-0.13	0.73	-1.82	1.99	0.07	0.45	-0.58	24.20	-5.88
2	5013	LAMONT	1.48	*	3.05	*	3.94	*	1.57	*	2.86	*	0.34	*	1.54	*	1.03	*	3.16	*	1.62	*	1.56	*	0.64	*	22.80	*
2	5768	MEDFORD	2.97	*	3.93	*	3.67	*	1.67	*	2.14	*	0.64	*	1.39	*	1.24	*	4.52	*	0.95	*	1.77	*	0.47	*	25.37	*
2	6065	MORRISON	1.31	*	3.57	*	6.73	*	3.95	*	3.81	*	2.28	*	1.45	*	5.15	*	5.65	*	1.16	*	1.48	*	0.89	*	37.43	*
2	6139	MUTUAL	2.61	2.11	2.22	1.29	1.87	0.29	3.60	1.15	3.71	-0.61	0.48	-2.69	1.54	-1.02	1.79	-0.41	1.97	-0.51	0.77	-0.75	1.39	0.24	0.30	-0.36	22.26	-1.27
2	6278	NEWKIRK	0.62	-0.24	0.99	-0.11	4.18	2.20	2.10	-0.85	2.87	-1.85	1.00	-3.59	1.91	-1.64	1.41	-2.09	7.37	3.83	0.99	-1.78	1.46	-0.48	0.17	-1.05	25.08	-7.65
2	6751	ORIENTA	1.49	*	2.72	*	1.85	*	2.68	*	3.23	*	1.04	*	0.99	*	3.22	*	3.11	*	0.83	*	2.02	*	0.52	*	23.70	*
2	7012	PERRY	1.57	0.70	3.38	2.06	6.04	3.68	4.11	1.41	3.12	-2.16	*	*	*	*	2.12	-1.21	5.25	1.51	1.83	-0.80	1.34	-0.46	*	*	*	*
2	7201	PONCA CITY	2.38	1.47	3.61	2.39	6.52	4.42	1.98	-0.92	2.02	-2.47	1.73	-2.44	2.10	-2.00	4.30	0.94	6.03	2.19	1.25	-1.35	1.96	-0.09	0.93	-0.34	34.84	1.80
2	7505	RED ROCK	1.62	0.75	3.30	1.91	5.58	3.33	2.73	-0.06	3.60	-1.03	2.70	-1.33	0.88	-2.84	1.99	-0.95	3.43	-0.29	1.97	-0.50	1.53	-0.19	0.70	-0.59	30.03	-1.79
2	7556	RENFROW	3.03	2.32	2.66	1.65	3.39	1.48	1.65	-0.91	*	*	*	*	*	*	*	*	*	*	1.39	-0.93	0.43	-1.27	0.51	-0.48	*	*
2	9404	WAYNOKA	1.47	0.87	2.66	1.68	1.32	-0.31	1.86	-0.32	2.97	-1.47	0.43	-3.32	4.54	1.99	1.14	-1.56	1.74	-0.76	0.84	-0.87	1.53	0.25	0.30	-0.47	20.80	-4.29
2	9760	WOODWARD	0.83	*	2.19	*	1.34	*	2.16	*	2.14	*	0.66	*	1.60	*	1.07	*	2.80	*	0.48	*	1.40	*	0.36	*	17.05	*

1990 PRECIPITATION (INCHES) AND DEPARTURES FROM NORMAL

CD	ID	STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL		
			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	
3	535	BARNSDALL	1.89	0.69	4.63	3.20	*	*	4.50	1.22	5.78	0.51	3.32	-1.22	1.78	-1.42	2.65	-0.52	3.50	-1.22	1.65	-1.42	1.94	-0.38	*	*	*	*	
3	548	BARTLESVILLE	*	*	3.57	2.12	7.72	5.00	3.39	0.07	7.11	2.44	3.85	-0.24	2.49	-0.50	1.14	-1.88	3.67	-0.46	1.47	-1.74	2.07	-0.18	1.50	0.02	*	*	
3	782	BIXBY	3.08	1.63	*	*	9.26	6.57	7.62	3.71	5.62	0.97	1.93	-2.81	0.89	-2.32	1.83	-0.96	5.13	0.78	2.07	-1.09	2.27	-0.46	3.06	1.23	*	*	
3	1256	BURBANK	1.87	*	3.79	*	6.60	*	3.89	*	3.48	*	4.05	*	2.63	*	0.84	*	6.01	*	1.68	*	2.10	*	0.60	*	37.55	*	
3	1717	CHELSEA	3.37	*	3.36	*	8.91	*	5.35	*	5.25	*	4.37	*	1.25	*	1.31	*	4.87	*	3.31	*	1.77	*	3.59	*	46.71	*	
3	1828	CLAREMORE	3.85	2.47	4.55	2.93	8.47	5.31	6.03	2.27	4.52	-0.15	2.92	-1.71	1.96	-1.12	2.34	-0.57	3.56	-0.32	2.58	-0.84	*	*	3.77	1.92	*	*	
3	1902	CLEVELAND	*	*	4.48	*	*	*	8.08	*	4.03	*	1.45	*	1.92	*	4.41	*	4.61	*	*	*	2.75	*	1.24	*	*	*	
3	3250	FORAKER	1.00	-0.02	1.77	0.55	6.10	3.71	3.38	0.25	2.72	-2.10	2.91	-1.28	4.86	1.39	2.38	-1.13	7.33	3.25	1.37	-1.73	1.87	-0.50	0.69	-0.65	36.39	1.74	
3	4258	HOLLOW	2.83	1.48	3.52	1.97	7.31	4.17	3.88	0.16	9.58	4.72	6.05	1.47	1.68	-2.07	1.67	-1.63	*	*	*	*	*	*	*	*	*	*	
3	4289	HOMINY	1.69	0.62	4.12	2.73	8.30	5.48	4.46	1.34	5.11	0.47	2.75	-1.40	2.04	-1.38	6.18	3.15	4.69	0.21	1.94	-1.01	2.77	0.71	1.60	0.33	45.67	11.25	
3	4393	HULAH	*	*	3.47	2.30	*	*	4.51	1.35	*	*	1.16	-3.20	1.61	-1.33	2.16	-0.87	3.16	-0.67	*	*	*	*	*	*	*	*	
3	4567	JAY	*	*	*	*	*	*	7.19	*	7.93	*	4.39	*	0.88	*	1.80	*	7.58	*	*	*	2.64	*	*	*	*	*	*
3	4672	KANSAS	6.88	*	4.02	*	8.12	*	7.50	*	8.74	*	*	*	0.65	*	2.35	*	*	*	5.19	*	3.96	*	6.26	*	*	*	*
3	4812	KEYSTONE	*	*	4.55	*	*	*	5.94	*	8.51	*	1.57	*	0.37	*	1.65	*	6.52	*	*	*	*	*	*	*	*	*	*
3	5118	LENAPAH	2.62	*	4.27	*	*	*	5.23	*	9.10	*	6.29	*	1.96	*	1.32	*	6.25	*	1.32	*	*	*	*	*	*	*	*
3	5522	MANNFORD	1.87	0.75	4.47	3.00	*	*	6.04	2.75	*	*	1.21	-2.67	*	*	4.30	1.22	8.93	4.70	*	*	2.50	0.30	2.14	0.72	*	*	
3	5540	MARAMEC	1.63	0.58	4.54	3.14	8.11	5.66	5.91	2.92	4.84	-0.17	2.11	-1.79	2.24	-0.88	2.71	-0.21	6.86	2.94	2.58	-0.58	2.63	0.62	*	*	*	*	
3	5855	MIAMI	3.37	1.84	4.08	2.20	8.63	5.19	5.43	1.71	9.77	4.74	4.51	-0.37	1.17	-2.76	3.84	0.33	4.35	-0.25	*	*	1.55	-1.40	3.02	0.87	*	*	
3	6485	NOWATA	2.38	1.10	3.56	1.92	7.46	4.19	3.97	0.47	9.08	4.46	5.22	0.44	2.24	-0.70	3.41	0.02	6.92	2.61	2.01	-1.29	*	*	*	*	*	*	
3	6713	ONETA	2.88	*	3.47	*	9.78	*	7.95	*	4.72	*	0.75	*	0.76	*	2.33	*	5.29	*	3.12	*	2.39	*	3.62	*	47.07	*	
3	6935	PAWHUSKA	1.91	0.80	5.68	4.37	8.90	6.22	4.79	1.72	6.10	1.34	5.81	1.50	1.89	-1.56	2.39	-0.95	3.10	-1.01	2.79	-0.14	3.31	1.28	1.03	-0.32	47.71	13.25	
3	6940	PAWNEE	1.54	0.53	3.17	1.86	7.02	4.54	5.15	2.18	4.73	-0.11	1.38	-2.64	3.71	0.58	2.52	-0.49	5.14	0.77	1.78	-0.94	1.98	0.10	1.02	-0.23	39.15	6.15	
3	7309	PRYOR	*	*	3.98	2.20	8.66	5.55	6.68	2.78	6.00	1.12	4.31	-0.36	*	*	1.63	-1.77	5.03	0.87	3.28	-0.49	2.25	-0.65	4.51	2.47	*	*	
3	7390	RALSTON	2.00	1.00	3.56	2.26	7.66	5.14	4.40	1.43	7.66	2.94	3.12	-1.27	2.09	-1.40	3.85	0.93	3.13	-0.73	1.33	-1.36	2.02	0.07	0.99	-0.37	41.83	8.64	
3	7394	RAMONA	1.83	*	4.02	*	7.69	*	4.73	*	5.91	*	3.21	*	0.78	*	0.91	*	4.85	*	1.51	*	3.19	*	2.62	*	41.25	*	
3	8258	SKIATOOK	2.40	1.21	3.41	1.78	7.55	4.72	5.87	2.40	4.73	0.06	2.15	-2.16	0.41	-3.00	3.03	0.17	4.74	0.41	1.86	-1.33	3.20	0.85	2.19	0.74	41.54	5.85	
3	8380	SPAVINAW	3.93	2.40	4.35	2.56	7.96	4.83	7.66	3.58	8.79	3.73	3.92	-0.86	0.77	-2.96	3.04	-0.56	7.88	3.50	2.66	-0.99	*	*	*	*	*	*	
3	8992	TULSA	2.93	1.58	3.33	1.59	7.21	4.07	5.31	1.16	5.21	0.07	1.08	-3.49	0.25	-3.26	1.83	-1.18	4.29	-0.08	2.15	-1.26	2.41	-0.15	3.72	1.90	39.75	0.95	
3	9101	UPPR SPAV	5.51	*	4.64	*	8.54	*	6.43	*	7.61	*	*	*	1.27	*	1.95	*	6.79	*	3.15	*	2.67	*	7.08	*	*	*	
3	9203	VINITA	2.93	1.40	4.06	2.25	8.68	5.14	4.51	0.44	5.39	0.04	6.32	1.45	2.47	-0.91	1.32	-2.29	7.05	2.30	3.63	-0.09	*	*	3.73	1.59	*	*	
3	9247	WAGONER	5.80	4.08	4.46	2.57	7.33	3.94	8.77	4.10	4.94	0.11	0.57	-4.52	0.85	-2.65	2.67	-0.18	7.05	2.96	2.00	-1.10	3.60	0.40	3.83	1.77	51.88	11.48	
3	9298	WANN	2.32	*	3.35	*	8.15	*	5.01	*	8.58	*	*	*	*	*	2.40	*	2.27	*	*	*	2.60	*	1.47	*	*	*	
3	9792	WYNONA	2.00	*	4.47	*	7.72	*	4.32	*	6.13	*	4.38	*	1.97	*	2.50	*	3.72	*	1.99	*	2.85	*	2.81	*	44.90	*	

1990 PRECIPITATION (INCHES) AND DEPARTURES FROM NORMAL

CD	ID	STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANANNUAL	
			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
4	1445	CANTON DAM	*	*	*	*	*	*	5.32	3.03	3.07	-1.88	1.65	-2.05	1.30	-1.11	2.18	-0.07	4.78	1.65	*	*	*	*	*	*	*	*
4	1738	CHEYENNE	0.39	*	2.00	*	2.38	*	10.83	*	4.22	*	2.25	*	0.80	*	3.67	*	3.71	*	0.36	*	2.29	*	0.00	*	32.90	*
4	1909	CLINTON	1.59	0.88	2.85	1.81	1.75	0.05	3.55	1.16	6.77	1.77	2.18	-1.17	1.85	-0.67	2.37	-0.42	3.52	0.52	0.81	-1.89	2.82	1.35	0.24	-0.67	30.31	2.72
4	2039	COLONY	*	*	3.68	*	4.73	*	3.34	*	6.41	*	1.41	*	3.21	*	3.73	*	2.85	*	0.71	*	2.71	*	0.49	*	*	*
4	2125	CORDELL	1.48	0.78	3.18	2.15	3.07	1.44	2.80	0.61	5.34	0.66	1.71	-1.36	1.00	-1.52	3.21	0.58	5.13	2.33	0.50	-2.08	2.69	1.30	0.40	-0.51	30.54	4.38
4	2849	ELK CITY	1.90	1.35	2.73	1.78	1.73	0.21	1.62	-0.59	5.30	0.37	1.70	-1.62	2.11	-0.30	4.39	2.06	3.88	1.30	1.08	-0.91	2.06	0.70	*	*	*	*
4	2944	ERICK	1.45	0.97	1.56	0.70	1.99	0.58	2.79	0.59	7.15	2.74	2.19	-0.78	2.10	-0.03	2.86	0.74	3.24	0.43	1.09	-1.11	2.22	1.23	0.52	-0.16	29.17	5.90
4	3497	GEARY	1.50	0.84	3.10	1.98	*	*	1.85	-0.61	5.60	0.80	1.20	-2.61	1.08	-1.39	2.21	0.02	1.87	-1.35	0.60	-1.83	*	*	0.33	-0.69	*	*
4	3871	HAMMON	1.54	1.03	2.21	1.30	2.65	1.09	2.99	0.77	4.52	-0.04	3.93	0.97	1.20	-0.95	5.70	3.26	4.33	1.62	0.90	-1.00	2.20	0.81	0.14	-0.57	32.32	8.29
4	5090	LEEDEY	1.21	0.75	3.41	2.51	2.02	0.68	2.99	0.49	5.19	0.41	1.39	-1.85	0.67	-1.30	4.11	1.53	4.43	2.20	0.88	-0.88	1.81	0.48	0.10	-0.59	28.21	4.43
4	5463	MACKIE	*	*	1.12	*	1.39	*	2.51	*	4.44	*	2.69	*	0.29	*	1.76	*	4.00	*	0.45	*	1.60	*	0.31	*	*	*
4	6035	MORAVIA	2.16	1.66	2.56	1.60	2.13	0.60	3.37	1.28	5.52	0.77	1.57	-1.42	1.12	-1.17	1.25	-0.81	3.51	0.74	0.94	-1.48	2.35	1.30	0.42	-0.38	26.91	2.69
4	6629	OKEENE	1.14	0.55	3.60	2.66	2.86	1.04	4.97	2.64	3.43	-1.56	1.40	-2.57	2.30	-0.04	1.44	-1.13	2.94	0.01	0.85	-1.27	2.07	0.47	0.50	-0.36	27.50	0.44
4	7565	RETROP	1.84	*	2.76	*	2.43	*	3.22	*	5.97	*	1.84	*	2.43	*	2.23	*	3.52	*	0.72	*	2.73	*	0.41	*	30.10	*
4	7579	REYDON	1.13	0.74	2.41	1.62	1.37	-0.03	2.25	-0.02	4.35	0.06	3.24	-0.07	*	*	3.13	0.90	4.62	2.28	0.69	-0.99	1.97	1.01	0.17	-0.44	*	*
4	7952	SAYRE	1.14	0.72	2.09	1.37	1.77	0.49	2.07	0.02	6.48	2.07	0.93	-2.24	0.68	-1.39	2.75	0.70	3.61	1.17	0.99	-1.14	1.85	0.76	0.53	-0.07	24.89	2.46
4	8652	SWEETWATER	1.26	*	2.31	*	1.45	*	1.36	*	5.23	*	1.74	*	3.29	*	5.86	*	5.42	*	0.70	*	2.20	*	*	*	*	*
4	8708	TALOGA	2.00	1.45	2.84	1.90	2.13	0.51	5.13	2.69	3.10	-2.03	0.55	-2.72	3.20	0.58	2.72	0.28	4.15	1.52	1.01	-0.85	2.08	0.61	0.25	-0.38	29.17	3.56
4	8815	THOMAS	1.44	*	3.48	*	4.09	*	3.99	*	3.18	*	3.50	*	2.20	*	3.52	*	2.88	*	0.38	*	2.48	*	0.20	*	31.34	*
4	9172	VICI	1.05	*	2.19	*	2.32	*	4.15	*	5.00	*	0.77	*	0.66	*	1.80	*	3.21	*	0.87	*	1.52	*	0.25	*	23.81	*
4	9364	WATONGA	1.73	0.96	4.18	3.13	3.22	1.44	5.42	3.00	1.45	-3.53	2.15	-1.62	2.31	0.07	1.78	-0.27	3.56	0.61	0.50	-1.72	2.18	0.76	0.22	-0.78	28.71	2.05
4	9422	WEATHERFORD	1.34	0.70	4.19	3.20	3.17	1.58	4.48	2.25	4.24	-0.48	1.65	-1.98	0.91	-1.58	2.97	0.28	4.34	1.06	0.52	-2.21	2.55	1.19	0.31	-0.55	30.69	3.46
5	200	AMBER	1.81	*	4.13	*	5.59	*	4.94	*	4.59	*	1.26	*	3.89	*	2.76	*	4.36	*	1.25	*	1.77	*	1.36	*	37.71	*
5	288	ARCADIA L.	1.71	*	*	*	4.69	*	5.25	*	5.90	*	2.14	*	1.26	*	1.61	*	4.80	*	1.26	*	1.80	*	1.36	*	*	*
5	830	BLANCHARD	1.60	*	3.99	*	6.10	*	6.37	*	5.74	*	0.96	*	2.59	*	4.03	*	3.78	*	2.40	*	2.25	*	1.68	*	41.51	*
5	1144	BRISTOW	3.88	2.73	3.11	1.50	9.73	7.18	*	*	4.69	-1.04	0.60	-3.76	1.02	-2.53	2.22	-0.40	7.71	3.71	2.75	0.21	2.31	-0.02	2.93	1.34	*	*
5	1684	CHANDLER	2.49	1.34	*	*	10.04	7.75	9.73	6.51	4.19	-1.22	0.78	-3.02	1.20	-2.14	2.49	0.24	5.25	1.46	1.89	-0.54	2.75	0.66	1.81	0.42	*	*
5	1750	CHICKASHA	1.92	1.02	4.93	3.72	6.42	4.48	5.21	2.37	5.59	0.47	1.92	-1.17	2.47	-0.05	3.48	0.96	2.76	-0.72	1.90	-0.81	2.50	0.95	1.58	0.50	40.68	11.72
5	2196	COX CITY	*	*	3.25	*	7.35	*	8.00	*	8.20	*	2.85	*	3.96	*	2.80	*	4.40	*	*	*	2.87	*	1.19	*	*	*
5	2242	CRESCENT	*	*	*	*	7.23	*	4.01	*	4.38	*	1.12	*	3.83	*	2.86	*	3.36	*	0.55	*	1.53	*	0.83	*	*	*
5	2318	CUSHING	0.38	-0.66	5.04	3.73	*	*	*	*	5.53	0.18	2.16	-2.13	1.93	-1.79	1.69	-1.00	4.17	0.28	*	*	3.21	1.20	*	*	*	*
5	2818	EL RENO	1.00	0.17	3.79	2.70	8.09	6.24	3.44	0.86	5.36	0.19	0.92	-2.71	0.87	-1.90	2.74	0.44	5.39	1.78	0.68	-2.20	1.86	0.22	0.82	-0.21	34.96	5.58
5	3821	GUTHRIE	2.15	1.24	4.67	3.41	12.48	10.47	*	*	*	*	0.76	-3.20	0.82	-2.02	2.50	0.12	1.69	-2.29	0.83	-1.83	2.25	0.45	2.10	0.90	*	*
5	4055	HENNESSEY	1.56	0.85	3.78	2.62	4.80	2.94	4.13	1.75	4.11	-1.21	1.31	-2.59	2.01	-0.50	2.64	-0.05	2.91	-0.48	*	*	1.55	-0.08	0.56	-0.43	*	*
5	4489	INGALLS	0.72	*	4.36	*	7.17	*	*	*	5.19	*	2.35	*	1.28	*	2.28	*	6.79	*	2.88	*	2.27	*	0.42	*	*	*
5	4861	KINGFISHER	1.71	0.88	4.48	3.35	5.99	4.23	3.99	1.57	5.66	0.72	0.80	-2.96	2.08	-0.49	1.29	-1.10	2.58	-1.02	0.81	-1.63	1.71	0.18	0.53	-0.60	31.63	3.13
5	4915	KONAWA	4.17	2.84	2.93	1.28	6.98	4.09	11.69	7.57	8.58	2.48	2.88	-0.84	4.98	2.45	1.31	-1.15	5.57	1.45	2.14	-1.45	4.29	2.15	2.34	0.48	57.87	21.35
5	5589	MARSHALL	1.52	0.76	3.25	2.09	*	*	3.55	1.17	5.39	0.14	1.05	-2.95	1.84	-0.75	1.19	-1.56	2.18	-1.33	0.98	-1.62	1.50	-0.13	0.65	-0.49	*	*

1990 PRECIPITATION (INCHES) AND DEPARTURES FROM NORMAL

CD	ID	STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
			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
5	5779	MEEKER	2.71	1.64	5.23	3.76	7.38	4.95	7.11	3.55	5.69	0.05	1.03	-2.67	*	*	*	*	7.71	3.85	1.57	-1.21	3.45	1.40	1.34	-0.09	*	*
5	6110	MULHALL	1.37	*	3.58	*	8.17	*	3.24	*	2.52	*	1.07	*	*	*	2.59	*	2.74	*	1.91	*	1.61	*	0.73	*	*	*
5	6386	NORMAN	1.66	0.53	3.36	2.03	8.68	6.35	7.17	3.87	7.10	1.21	1.04	-2.58	3.58	0.35	3.29	0.73	3.37	-0.36	2.23	-0.40	2.52	0.48	2.61	1.26	46.62	13.47
5	6616	OILTON	*	*	*	*	0.57	*	6.83	*	4.25	*	1.05	*	0.98	*	1.98	*	5.60	*	1.38	*	2.55	*	1.43	*	*	*
5	6638	OKEMAH	3.05	1.67	2.91	1.46	8.75	6.05	9.02	4.84	9.32	4.30	0.77	-3.70	3.62	0.24	1.47	-1.13	7.98	4.18	2.22	-0.65	3.86	1.42	3.13	1.30	56.11	19.98
5	6661	OKLA. CITY	1.85	0.89	4.29	3.00	4.76	2.69	5.13	2.22	5.79	0.29	1.25	-2.62	2.44	-0.60	3.34	0.94	7.28	3.87	1.27	-1.44	1.61	0.09	1.51	0.31	40.55	9.64
5	7003	PERKINS	2.04	0.92	3.99	2.73	6.78	4.37	7.34	4.70	3.32	-1.88	*	*	1.73	-1.80	2.22	-0.39	4.42	0.20	1.90	-1.25	1.80	-0.27	1.08	-0.27	*	*
5	7068	PIEDMONT	1.48	*	4.13	*	7.12	*	4.04	*	6.47	*	1.17	*	0.58	*	2.02	*	1.61	*	0.83	*	0.79	*	0.81	*	31.05	*
5	7264	PRAGUE	2.57	1.33	3.45	1.95	8.01	5.50	9.43	5.56	8.17	2.91	1.31	-2.47	1.71	-1.50	2.26	-0.25	9.28	5.49	1.36	-1.51	3.08	0.87	*	*	*	*
5	7327	PURCELL	3.37	2.30	4.50	3.16	8.75	6.38	9.75	6.38	7.11	1.09	0.41	-3.18	3.06	0.06	3.65	1.23	4.80	0.83	1.50	-1.68	3.45	1.39	3.10	1.64	53.46	19.60
5	8042	SEMINOLE	2.45	1.15	4.35	2.80	9.82	7.24	8.88	4.79	8.84	3.49	3.38	-0.42	2.25	-0.70	1.89	-0.99	4.15	0.13	*	*	3.62	1.10	2.13	0.35	*	*
5	8110	SHAWNEE	2.46	1.24	2.62	1.09	7.82	5.31	7.84	3.97	8.27	2.26	1.09	-2.86	1.57	-1.09	2.75	-0.15	4.37	0.63	1.65	-1.55	3.48	1.14	2.44	0.91	46.37	10.90
5	8479	STELLA	2.13	*	4.46	*	8.71	*	7.32	*	5.20	*	0.83	*	3.03	*	3.68	*	3.28	*	1.74	*	3.50	*	2.03	*	45.91	*
5	8501	STILLWATER	1.85	0.95	3.82	2.62	7.17	4.98	5.88	3.30	4.80	-0.28	1.01	-2.91	1.45	-2.34	3.60	0.77	3.83	-0.10	1.24	-1.66	1.75	-0.03	0.99	-0.23	37.40	5.07
5	8563	STROUD	2.94	*	3.59	*	9.14	*	8.52	*	4.24	*	*	*	2.28	*	3.22	*	5.33	*	1.43	*	3.18	*	2.67	*	*	*
5	8751	TECUMSEH	2.68	*	1.95	*	8.01	*	*	*	*	*	0.99	*	2.45	*	*	*	3.20	*	2.06	*	3.24	*	2.35	*	*	*
5	8960	TROUSDALE	3.29	*	3.36	*	8.91	*	10.71	*	2.78	*	1.32	*	3.76	*	2.35	*	3.61	*	*	*	4.00	*	1.86	*	*	*
5	9086	UNION	2.14	1.05	*	*	6.90	4.53	3.93	0.60	4.97	-0.93	0.75	-3.46	1.20	-0.94	3.09	0.54	5.70	1.94	1.21	-1.88	2.22	0.16	1.03	-0.31	*	*
5	9479	WELTY	2.80	*	3.54	*	9.70	*	9.65	*	7.12	*	0.15	*	2.80	*	0.75	*	8.11	*	1.62	*	2.46	*	3.15	*	51.86	*
5	9575	WEWOKA	2.62	1.20	3.69	2.01	8.43	5.71	9.54	5.77	12.08	6.75	2.35	-1.86	1.69	-1.10	2.32	-0.53	2.41	-1.71	2.38	-0.60	3.62	1.39	2.85	1.07	53.99	18.10
6	364	ASHLAND	5.36	*	3.94	*	9.55	*	11.14	*	14.35	*	1.94	*	9.52	*	0.66	*	6.15	*	3.88	*	6.35	*	2.51	*	75.36	*
6	631	BEGGS	1.97	*	3.18	*	8.64	*	10.64	*	5.40	*	*	*	3.16	*	1.35	*	6.45	*	1.65	*	2.19	*	3.50	*	*	*
6	1027	BOYNTON	5.10	*	4.99	*	8.28	*	10.49	*	8.87	*	1.05	*	2.02	*	2.25	*	7.71	*	2.74	*	3.44	*	3.74	*	60.69	*
6	1391	CALVIN	4.74	3.34	3.23	1.33	9.28	5.90	11.68	7.25	13.78	7.96	1.16	-3.37	3.01	-0.54	1.68	-0.90	3.30	-1.02	0.67	-3.04	3.67	0.98	3.27	1.31	59.48	19.20
6	1711	CHECOTAH	5.05	3.56	4.42	2.55	8.77	5.43	9.00	4.41	10.76	5.38	0.77	-3.28	5.12	1.66	1.38	-1.32	5.04	0.58	2.84	-0.60	2.90	0.06	4.42	2.31	60.49	20.74
6	1858	CLAYTON	6.72	*	6.48	*	8.23	*	11.83	*	14.61	*	1.64	*	7.33	*	4.60	*	5.53	*	1.69	*	3.65	*	2.65	*	74.96	*
6	2485	DEWAR	4.76	3.35	3.79	1.98	8.82	5.70	9.18	4.90	10.37	5.26	0.50	-3.57	4.35	0.81	2.85	0.24	6.87	2.56	1.96	-1.30	3.35	0.66	3.05	1.18	59.85	21.77
6	2690	DUSTIN	4.65	*	4.64	*	10.02	*	9.87	*	13.72	*	0.72	*	3.39	*	3.64	*	8.80	*	3.10	*	3.66	*	2.60	*	68.81	*
6	2993	EUFULA	4.87	3.34	5.40	3.33	10.27	6.30	9.95	5.27	*	*	1.24	-2.88	*	*	4.25	1.52	10.52	6.32	2.71	-0.70	3.40	0.44	3.48	1.04	*	*
6	3884	HANNA	5.64	4.18	4.53	2.67	9.96	6.27	10.07	5.63	16.17	10.73	1.98	-2.01	2.03	-1.13	3.05	0.23	7.54	3.38	2.12	-1.15	3.63	0.69	3.57	1.47	70.30	30.96
6	3946	HARTSHORNE	5.41	*	5.34	*	6.99	*	9.07	*	14.70	*	*	*	3.98	*	3.13	*	6.45	*	3.44	*	4.76	*	4.10	*	*	*
6	3956	HASKELL	4.99	3.36	3.85	1.93	8.06	4.89	8.30	4.19	7.22	2.25	1.37	-3.45	2.50	-0.68	1.79	-0.54	5.94	1.97	2.52	-0.55	3.50	0.61	3.85	1.88	53.90	15.86
6	4235	HOLDENVILLE	4.18	2.84	2.80	1.12	7.31	4.33	9.76	5.39	11.34	5.74	1.21	-2.62	*	*	3.36	0.70	4.75	0.75	*	*	4.27	1.87	*	*	*	*
6	4975	L. EUFAULA	5.13	*	5.41	*	8.62	*	10.26	*	11.94	*	*	*	2.51	*	2.96	*	6.30	*	4.32	*	3.03	*	*	*	*	*
6	5437	LYONS	5.69	3.97	6.85	4.90	7.54	3.60	9.15	4.42	13.42	8.11	2.07	-2.39	1.42	-1.80	2.95	0.08	5.27	1.01	3.87	0.79	4.64	1.69	5.71	3.71	68.59	28.09
6	5546	MARBLE MT	6.18	*	6.34	*	9.16	*	12.18	*	15.14	*	0.81	*	2.12	*	2.68	*	3.38	*	4.68	*	4.15	*	5.34	*	72.18	*
6	5664	MCALESTER	4.72	3.10	5.87	3.61	7.40	3.55	10.75	6.21	12.47	6.85	1.79	-1.87	4.10	0.69	2.51	-0.74	5.00	0.04	3.42	-0.48	3.20	0.13	4.26	1.88	65.50	22.97
6	5693	MCCURTAIN	6.34	4.46	9.11	6.58	6.78	2.87	8.40	3.63	13.43	7.76	1.27	-3.01	2.87	-0.94	1.79	-1.22	10.08	5.62	4.05	0.74	3.93	0.35	4.10	1.46	72.16	28.30

1990 PRECIPITATION (INCHES) AND DEPARTURES FROM NORMAL

CD	ID	STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
			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
6	6130	MUSKOGEE	5.00	3.37	4.82	2.71	8.63	5.39	6.61	2.03	9.67	4.64	0.96	-3.64	1.91	-1.19	2.79	-0.24	5.72	1.60	*	*	3.05	0.07	4.10	1.86	*	*
6	6670	OKMULGEE	*	*	3.80	2.01	*	*	*	*	8.15	3.07	1.40	-3.31	4.06	1.01	0.59	-2.04	*	*	*	*	*	*	2.18	0.13	*	*
6	6678	OKTAHA	3.26	*	4.07	*	6.62	*	9.93	*	10.28	*	1.03	*	2.32	*	2.24	*	4.15	*	3.02	*	3.47	*	3.46	*	53.86	*
6	7372	QUINTON	5.03	3.41	6.01	3.91	8.21	4.52	11.35	7.02	12.37	6.80	1.62	-2.41	3.03	-0.77	2.04	-1.06	11.33	6.92	4.26	0.65	3.57	0.33	4.33	1.98	73.18	31.30
6	7862	SALLISAW	6.54	4.76	6.51	4.03	10.86	7.06	13.39	8.92	14.43	8.96	1.15	-3.18	1.00	-2.55	4.99	1.82	4.06	-0.35	3.89	0.03	5.30	1.89	3.89	1.42	76.03	32.81
6	7979	SCIPIO	4.15	*	6.49	*	9.54	*	10.07	*	13.47	*	0.65	*	3.71	*	3.11	*	5.72	*	2.74	*	4.19	*	2.63	*	66.47	*
6	7993	SCRAPER	7.18	*	5.47	*	7.10	*	8.56	*	9.02	*	2.82	*	1.39	*	1.92	*	7.37	*	2.84	*	3.72	*	6.85	*	64.24	*
6	8170	SHORT	7.01	*	7.46	*	8.66	*	9.40	*	12.46	*	0.89	*	1.78	*	3.56	*	2.25	*	4.27	*	4.19	*	5.07	*	67.00	*
6	8506	STILWELL	5.52	3.56	6.20	3.63	7.77	4.07	9.82	5.11	13.77	8.15	2.70	-1.78	0.85	-2.88	3.06	-0.29	7.22	2.91	4.27	0.99	4.26	1.01	5.55	2.84	71.02	27.32
6	8677	TAHLEQUAH	4.92	3.14	4.96	2.54	8.15	4.51	8.14	3.58	9.80	4.33	1.34	-3.29	1.36	-2.03	3.28	0.22	7.30	2.96	*	*	3.66	0.46	6.12	3.66	*	*
6	9445	WBBRS FALLS	4.82	3.19	5.54	3.23	8.71	5.12	10.84	6.24	11.55	6.24	2.49	-1.60	2.70	-0.45	1.41	-1.47	5.72	1.38	3.36	-0.39	2.54	-0.45	4.37	2.08	64.05	23.12
6	9523	WESTVILLE	6.43	*	4.87	*	8.53	*	10.47	*	12.31	*	1.55	*	1.12	*	2.95	*	8.80	*	3.50	*	4.27	*	5.76	*	70.56	*
6	9571	WETUMKA	3.08	1.66	3.34	1.74	10.07	6.95	11.26	6.89	8.55	3.13	0.62	-3.70	1.66	-1.53	3.86	1.44	6.92	2.90	2.86	-0.27	3.83	1.06	2.53	0.64	58.59	20.91
7	179	ALTUS	1.55	0.77	2.86	1.94	4.06	2.78	3.40	1.37	3.12	-1.53	2.61	-0.33	3.94	2.02	5.16	2.92	1.47	-1.38	0.87	-1.68	3.00	1.98	0.85	-0.02	32.89	8.84
7	184	ALTUS DAM	1.83	1.21	3.28	2.34	3.88	2.58	3.02	1.04	3.51	-1.27	1.84	-1.64	2.46	-0.14	2.99	0.86	2.33	-0.41	0.61	-2.09	3.49	2.47	0.51	-0.34	29.75	4.61
7	224	ANADARKO	*	*	*	*	4.51	2.65	*	*	4.51	-0.38	1.72	-1.74	*	*	*	*	3.35	0.01	*	*	1.72	0.14	1.50	0.31	*	*
7	260	APACHE	2.33	*	4.79	*	5.69	*	4.40	*	4.98	*	1.41	*	4.33	*	3.55	*	3.78	*	1.24	*	2.27	*	1.60	*	40.37	*
7	447	ALTUS AFB	1.60	*	1.67	*	3.62	*	3.68	*	*	*	*	*	6.29	*	6.16	*	1.71	*	*	*	2.83	*	*	*	*	*
7	1504	CARNEGIE	1.85	1.07	4.00	2.85	5.13	3.48	*	*	5.65	0.53	0.94	-2.14	2.53	-0.03	*	*	4.39	1.03	*	*	*	*	*	*	*	*
7	1706	CHATTANOOGA	1.54	0.63	*	*	4.44	2.70	*	*	*	*	1.70	-1.10	*	*	1.70	-0.91	2.32	-0.75	1.30	-1.47	2.35	0.98	*	*	*	*
7	2668	DUNCAN 12 W	1.67	*	3.69	*	5.88	*	6.98	*	4.93	*	1.78	*	3.84	*	1.71	*	2.07	*	2.88	*	1.97	*	1.31	*	38.71	*
7	3709	GRANDFIELD	1.42	0.34	3.82	2.64	2.79	1.02	7.18	4.76	3.24	-1.70	2.59	-0.59	3.55	1.49	2.27	-0.12	1.10	-2.35	1.21	-1.63	3.24	1.69	1.13	-0.12	33.54	5.43
7	4204	HOBART	1.65	1.04	2.93	2.02	5.16	3.89	4.49	2.25	4.79	-0.19	2.01	-0.89	2.52	0.03	2.64	0.76	3.06	0.19	0.79	-1.73	3.53	2.45	0.75	-0.06	34.34	9.76
7	4249	HOLLIS	0.76	0.23	2.95	2.18	*	*	*	*	3.38	-0.69	1.50	-1.48	*	*	4.85	2.82	2.49	-0.19	*	*	2.70	1.82	0.49	-0.24	*	*
7	4250	HOLLISTER	3.94	*	4.16	*	3.44	*	5.55	*	3.09	*	1.94	*	*	*	*	*	*	*	0.88	*	*	*	*	*	*	*
7	5063	LAWTON	1.94	0.87	4.61	3.44	4.44	2.61	5.57	3.16	3.41	-2.28	1.16	-2.41	8.41	5.90	1.48	-0.67	*	*	1.10	-1.75	2.25	0.50	2.28	1.06	*	*
7	5068	FORT SILL	2.00	0.93	4.63	3.46	4.44	2.61	5.39	2.98	3.21	-2.48	1.31	-2.26	6.42	3.91	3.39	1.24	1.98	-1.00	1.23	-1.62	2.10	0.35	1.05	-0.17	37.15	7.95
7	5329	LOOKEBA	2.69	*	4.79	*	6.30	*	2.68	*	5.82	*	1.39	*	3.72	*	3.40	*	3.91	*	0.93	*	1.94	*	0.67	*	38.24	*
7	5509	MANGUM	3.03	2.40	2.64	1.78	3.03	1.85	3.14	1.25	3.08	-1.64	3.47	0.62	2.43	-0.26	2.67	0.62	3.05	0.27	0.66	-1.96	3.38	2.47	0.80	0.04	31.38	7.44
7	7403	RANDLETT	2.70	*	4.18	*	4.84	*	10.60	*	4.87	*	2.31	*	5.16	*	1.58	*	*	*	0.32	*	1.03	*	0.85	*	*	*
7	7727	ROOSEVELT	1.58	0.90	3.79	2.83	4.34	3.02	4.05	1.80	4.33	-0.92	2.01	-1.28	6.07	3.70	2.45	0.31	2.25	-0.53	0.97	-1.51	3.30	2.06	0.82	-0.15	35.96	10.23
7	8016	SEDAN	1.25	*	3.97	*	6.17	*	3.27	*	4.49	*	1.10	*	5.10	*	2.74	*	2.15	*	0.72	*	2.63	*	0.96	*	34.56	*
7	9212	VINSON	1.02	0.55	2.67	2.01	1.73	0.45	1.72	-0.35	4.74	0.10	1.99	-0.84	5.85	3.89	2.26	0.00	2.15	-0.72	1.06	-1.21	2.18	1.16	0.44	-0.34	27.81	4.70
7	9278	WALTERS	1.72	0.52	4.37	3.10	*	*	*	*	6.25	0.94	1.53	-2.06	*	*	1.46	-1.11	3.08	-0.18	3.21	0.29	2.15	0.32	1.13	-0.29	*	*
7	9629	WCHTA MTNS	2.65	1.75	4.90	3.73	5.01	3.12	5.94	3.49	2.97	-2.27	1.80	-1.66	8.08	5.59	2.70	0.66	3.45	0.34	0.99	-1.74	2.57	1.03	1.47	0.35	42.53	14.39
7	9668	WILLOW	2.94	*	2.90	*	3.13	*	4.49	*	6.22	*	2.95	*	1.88	*	1.98	*	3.09	*	0.95	*	3.08	*	0.47	*	34.08	*

1990 PRECIPITATION (INCHES) AND DEPARTURES FROM NORMAL

CD	ID	STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
			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
8	17	ADA	4.13	2.77	3.41	1.53	8.59	5.69	11.37	7.60	10.21	4.58	1.73	-2.00	7.98	5.29	1.99	-1.10	6.91	2.90	1.49	-2.43	4.32	1.77	2.44	0.50	64.57	27.10
8	147	ALLEN	6.40	*	3.65	*	9.45	*	12.85	*	12.00	*	2.60	*	3.95	*	0.85	*	5.42	*	1.55	*	3.20	*	2.35	*	64.27	*
8	292	ARDMORE	4.62	3.27	*	*	8.65	5.70	*	*	7.87	3.23	3.35	0.08	2.81	0.51	1.91	-0.62	6.16	2.23	*	*	4.83	2.59	2.22	0.51	*	*
8	394	ATOKA DAM	6.72	*	4.62	*	7.20	*	8.82	*	8.41	*	2.06	*	3.58	*	*	*	4.68	*	3.41	*	2.76	*	2.37	*	*	*
8	917	BOKCHITO	4.95	*	5.40	*	11.80	*	10.60	*	10.53	*	2.55	*	1.92	*	0.52	*	7.25	*	5.00	*	4.25	*	4.20	*	68.97	*
8	1437	CANEY	6.74	*	4.49	*	8.53	*	13.32	*	10.48	*	3.28	*	1.99	*	0.27	*	9.06	*	4.03	*	3.87	*	*	*	*	*
8	1648	CENTRAHOMA	5.95	*	2.13	*	5.50	*	11.05	*	4.00	*	1.45	*	6.40	*	1.65	*	9.95	*	1.00	*	5.15	*	2.00	*	56.23	*
8	1745	CHCKSW NRA	4.43	*	4.02	*	9.36	*	12.34	*	7.59	*	5.40	*	2.37	*	3.53	*	8.88	*	1.72	*	4.38	*	2.52	*	66.54	*
8	2011	COLEMAN	4.53	*	3.96	*	6.76	*	11.96	*	6.53	*	2.19	*	*	*	0.92	*	5.62	*	2.49	*	5.27	*	1.65	*	*	*
8	2054	COMANCHE	2.39	*	3.44	*	5.73	*	9.25	*	6.67	*	2.47	*	2.90	*	2.84	*	3.12	*	0.28	*	3.59	*	1.68	*	44.37	*
8	2354	DAISY	8.28	6.33	6.76	4.07	8.43	4.59	14.20	8.77	16.28	9.98	1.29	-3.19	2.41	-1.91	2.58	-0.93	6.05	0.35	*	*	3.19	-0.17	2.72	0.06	*	*
8	2660	DUNCAN	2.45	1.47	4.04	2.83	*	*	9.59	6.88	6.43	0.81	1.98	-1.48	*	*	2.95	0.60	2.50	-1.15	1.58	-1.37	3.68	1.78	1.88	0.53	*	*
8	2678	DURANT	5.99	4.25	4.32	2.07	9.83	6.56	12.71	8.17	10.61	5.61	2.90	-0.82	3.47	0.93	2.15	-0.32	7.35	1.74	3.01	-0.46	3.30	0.50	2.93	0.75	68.57	28.98
8	2872	ELMORE	*	*	4.13	*	7.78	*	9.59	*	7.03	*	1.60	*	3.64	*	1.93	*	4.36	*	0.40	*	6.03	*	1.65	*	*	*
8	3083	FARRIS	7.81	*	6.88	*	9.29	*	11.29	*	12.40	*	*	*	4.01	*	1.78	*	11.49	*	6.20	*	2.64	*	2.97	*	*	*
8	3688	GRADY	3.51	*	4.21	*	6.49	*	12.99	*	4.32	*	2.09	*	4.48	*	1.87	*	4.57	*	1.10	*	4.55	*	1.75	*	51.94	*
8	4001	HEALDTON	3.58	2.24	3.95	2.60	7.03	4.57	12.02	8.57	4.82	-0.03	1.04	-2.67	2.93	0.56	*	*	8.59	4.50	1.05	-2.07	5.81	3.77	2.07	0.46	*	*
8	4052	HENNEPIN	4.28	*	2.38	*	6.90	*	11.00	*	8.53	*	2.46	*	*	*	0.75	*	3.99	*	1.69	*	1.82	*	1.72	*	*	*
8	4780	KETCHUM	2.33	*	3.90	*	6.34	*	9.65	*	6.81	*	1.23	*	4.68	*	2.59	*	3.04	*	1.91	*	3.09	*	2.26	*	47.83	*
8	4865	KINGSTON	5.92	4.21	3.69	1.43	7.96	4.80	12.02	7.92	8.01	2.97	3.77	0.15	2.05	-0.28	1.27	-1.22	5.07	0.40	2.68	-0.96	4.43	1.90	2.42	0.41	59.30	21.73
8	5108	LEHIGH	5.48	*	5.08	*	7.81	*	11.31	*	11.76	*	2.08	*	4.27	*	2.25	*	4.02	*	3.08	*	5.35	*	2.64	*	65.13	*
8	5216	LINDSAY	2.34	1.21	*	*	6.08	3.82	8.44	5.13	6.03	-0.25	1.54	-1.87	*	*	*	*	5.39	1.59	1.51	-1.56	2.45	0.37	2.13	0.66	*	*
8	5247	LOCO	3.89	*	3.35	*	5.92	*	8.86	*	5.29	*	0.93	*	3.88	*	1.40	*	5.55	*	0.66	*	3.77	*	1.89	*	45.40	*
8	5468	MADILL	2.64	0.95	4.49	2.37	6.28	3.27	7.27	2.76	5.16	0.06	2.56	-1.29	3.06	0.78	1.36	-1.07	6.95	2.35	2.19	-1.38	5.15	2.69	1.85	-0.12	48.96	11.37
8	5563	MARIETTA	3.58	2.10	3.01	1.24	9.28	6.53	13.72	9.92	5.87	1.32	5.32	1.69	3.26	1.12	1.93	-0.65	3.78	-0.21	2.90	-0.13	4.90	2.44	1.62	-0.08	59.18	25.29
8	5581	MARLOW	2.01	1.11	3.85	2.65	6.69	4.69	7.69	5.01	4.96	-1.05	2.15	-1.67	4.53	1.96	3.11	0.69	2.11	-1.55	2.67	-0.28	2.87	0.92	1.53	0.17	44.17	12.65
8	5713	MCGEE CREEK	7.72	*	6.99	*	9.15	*	12.55	*	11.98	*	3.40	*	3.97	*	2.00	*	9.96	*	6.28	*	2.72	*	3.05	*	79.77	*
8	6926	PAULS VLLY	4.32	3.01	2.83	1.34	10.19	7.89	11.21	7.71	*	*	1.25	-2.12	5.87	3.54	1.84	-0.48	*	*	2.19	-1.38	4.85	2.68	1.70	-0.01	*	*
8	7214	PONTOTOC	*	*	6.67	4.74	*	*	*	*	13.15	7.42	*	*	*	*	2.47	-0.24	4.62	0.50	2.14	-1.64	4.53	1.64	2.70	0.83	*	*
8	8884	TISHOMINGO	5.36	3.83	4.29	2.24	9.05	5.88	14.37	9.76	*	*	3.91	0.45	*	*	0.92	-1.60	7.88	3.01	2.85	-0.78	5.86	3.37	2.68	0.60	*	*
8	9032	TUSSY	3.49	*	3.30	*	6.78	*	9.37	*	5.90	*	1.37	*	3.97	*	2.79	*	5.64	*	1.63	*	2.84	*	1.96	*	49.04	*
8	9395	WAURIKA	2.53	1.40	3.45	2.15	5.86	3.92	8.07	5.11	6.98	2.13	1.87	-1.38	3.57	1.29	0.79	-1.76	2.28	-1.12	0.01	-2.68	1.71	-0.22	1.37	-0.11	38.50	*

1990 PRECIPITATION (INCHES) AND DEPARTURES FROM NORMAL

CD	ID	STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
			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
9	256	ANTLERS	5.90	3.70	6.85	4.10	8.29	4.72	7.74	2.63	11.07	5.13	3.14	-0.83	4.25	1.08	1.38	-1.85	7.48	2.21	8.45	4.54	2.41	-0.77	2.36	-0.66	69.32	24.00
9	567	BATTIEST	*	*	6.91	*	8.91	*	7.44	*	16.44	*	2.50	*	*	*	2.24	*	5.21	*	4.61	*	3.93	*	*	*	*	*
9	670	BENGAL	7.85	*	7.87	*	6.86	*	8.87	*	20.49	*	2.19	*	6.32	*	2.88	*	10.19	*	3.54	*	3.55	*	4.66	*	85.27	*
9	980	BOSWELL	5.43	3.33	8.03	5.25	10.63	7.31	8.28	3.72	11.94	6.99	4.00	0.38	3.32	0.67	0.10	-2.58	7.30	2.39	4.43	0.73	*	*	3.71	1.07	*	*
9	1162	BROKEN BOW	3.68	0.65	4.69	1.40	9.22	4.75	6.77	1.44	12.73	7.04	5.99	2.18	3.45	-0.42	0.23	-2.73	5.44	0.72	6.61	2.78	4.04	0.02	5.74	1.92	68.59	19.75
9	1168	BRKN BOW DM	8.38	*	3.66	*	8.91	*	6.77	*	12.81	*	3.67	*	3.61	*	1.29	*	3.28	*	4.34	*	3.58	*	5.22	*	65.52	*
9	1499	CARNASAW	6.76	3.59	4.81	1.48	*	*	*	*	13.10	6.76	4.21	0.18	3.73	-0.41	2.01	-1.09	2.89	-2.10	5.01	0.87	3.60	-0.68	5.58	1.68	*	*
9	1544	CARTER TWR	5.81	3.12	5.04	1.74	6.36	1.79	6.31	1.05	15.63	9.69	2.16	-1.69	3.46	-0.93	1.84	-1.83	4.32	-0.64	5.47	0.89	3.92	0.10	5.26	1.35	65.58	14.64
9	3065	FANSHAWE	8.66	6.78	8.03	5.24	6.61	2.19	8.73	3.73	16.61	10.70	2.53	-1.68	7.02	2.99	4.43	1.36	7.17	2.49	3.37	0.29	3.67	-0.28	4.80	1.86	81.63	35.67
9	3169	FLAGPOLE	6.62	*	6.86	*	8.98	*	10.98	*	*	*	1.75	*	8.54	*	2.20	*	6.16	*	3.97	*	3.56	*	3.86	*	*	*
9	4008	HEAVENER	5.59	3.34	7.33	4.61	5.50	1.35	6.71	1.78	13.64	8.12	2.37	-1.63	3.99	0.43	1.57	-1.78	8.67	4.15	3.96	0.66	3.72	0.03	2.81	-0.41	65.87	20.65
9	4017	HEE MTN TWR	5.75	*	4.38	*	7.84	*	5.79	*	19.16	*	2.51	*	7.73	*	3.08	*	3.85	*	*	*	4.00	*	4.61	*	*	*
9	4384	HUGO	5.13	2.91	6.45	3.68	7.79	3.99	*	*	9.46	3.80	2.65	-1.87	5.10	2.05	0.59	-2.85	5.07	-0.08	3.73	-0.21	2.93	-0.33	4.09	1.01	*	*
9	4451	IDABEL	*	*	4.68	1.26	*	*	*	*	13.23	7.56	6.56	2.87	*	*	0.59	-2.03	3.13	-1.40	4.44	0.60	*	*	*	*	*	*
9	4560	JADIE TWR	7.19	*	4.01	*	10.57	*	5.31	*	9.01	*	*	*	*	*	*	*	3.81	*	0.62	*	4.79	*	7.20	*	*	*
9	7254	POTEAU	9.31	*	*	*	6.39	*	6.88	*	*	*	1.54	*	4.39	*	2.06	*	7.72	*	4.15	*	*	*	4.78	*	*	*
9	8285	SMITHVILLE	8.40	*	3.95	*	7.48	*	8.08	*	22.00	*	*	*	*	*	3.73	*	*	*	*	*	3.52	*	3.93	*	*	*
9	8416	SPIRO	5.19	3.37	6.99	4.29	6.68	2.54	11.35	6.73	14.46	9.10	1.20	-2.35	2.65	-1.14	3.41	0.81	6.03	2.00	3.36	0.05	4.07	0.22	4.35	1.56	69.74	27.18
9	9023	TUSKAHOMA	8.59	*	8.91	*	7.39	*	12.39	*	14.78	*	2.80	*	7.75	*	7.28	*	7.04	*	3.62	*	3.88	*	3.84	*	88.28	*
9	9118	VALLIANT	3.99	1.47	6.13	2.86	9.52	5.31	6.74	1.74	12.83	7.33	3.80	0.10	5.88	2.30	1.85	-0.91	6.63	1.65	7.52	3.90	3.73	0.13	5.05	1.45	73.67	27.33
9	9634	WILBURTON	8.00	6.09	7.85	5.23	5.50	1.42	9.90	4.85	16.45	10.83	1.45	-2.49	5.80	1.47	1.60	-1.73	6.10	1.16	3.05	-0.50	4.80	1.22	3.45	0.58	73.96	28.13

1990 AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (FAHRENHEIT)

CD	ID	STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
			TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP
1	332	ARNETT	39.8	6.5	40.7	2.5	47.1	1.7	55.9	-1.5	64.2	-2.1	79.2	3.5	77.1	-3.7	77.2	-2.1	72.9	2.0	56.0	-3.8	49.3	3.6	30.2	-7.0	57.5	-0.1
1	593	BEAVER	36.7	3.9	37.4	-0.7	45.1	-0.2	55.4	-1.7	62.3	-4.0	78.9	2.7	78.4	-3.1	79.5	-0.1	73.8	2.8	56.5	-2.7	48.9	4.3	29.3	-6.9	56.8	-0.5
1	908	BOISE CITY	36.0	1.9	36.8	-1.5	44.7	0.6	55.2	0.8	61.1	-2.1	78.0	4.5	74.8	-3.2	75.1	-0.6	70.8	2.7	57.4	0.0	48.0	4.1	30.3	-6.5	55.7	0.0
1	1243	BUFFALO	42.3	7.6	43.7	3.3	50.6	2.6	59.0	-0.7	66.9	-1.6	82.2	3.8	81.3	-2.1	82.1	0.3	77.8	4.6	62.6	0.5	52.3	5.3	34.4	-4.1	61.3	1.6
1	3407	GAGE	41.7	8.4	42.6	4.3	49.6	3.7	57.3	-0.3	65.7	-0.8	80.8	4.2	78.7	-2.8	79.8	-0.3	73.6	2.3	59.6	-0.1	51.8	6.5	32.3	-4.5	59.5	1.7
1	3489	GATE	40.1	*	39.4	*	47.7	*	56.3	*	64.0	*	81.6	*	80.8	*	81.0	*	74.8	*	58.3	*	50.4	*	31.7	*	58.8	*
1	3628	GOODWELL	35.3	1.8	36.0	-2.6	44.2	-0.6	53.8	-2.1	61.7	-3.0	78.6	4.0	77.5	-1.9	77.4	0.0	72.2	2.7	56.0	-2.4	48.5	4.2	30.0	-6.7	55.9	-0.6
1	4298	HOOKEE	35.1	1.9	36.3	-2.2	44.9	-0.3	55.7	-0.6	61.6	-3.8	*	*	78.3	-2.0	78.2	0.0	73.2	3.3	56.5	-2.3	49.3	5.2	29.8	-6.6	*	*
1	4766	KENTON	33.1	-1.3	35.1	-3.5	42.7	-1.3	53.8	-0.7	59.1	-4.4	76.8	3.1	75.3	-3.3	73.6	-2.9	70.5	1.6	55.1	-2.4	46.4	2.5	29.0	-7.9	54.2	-1.7
1	6740	OPTIMA LAKE	35.3	*	36.4	*	45.1	*	*	*	62.3	*	78.9	*	78.6	*	78.6	*	73.1	*	*	*	49.1	*	*	*	*	*
1	9017	TURPIN	34.6	*	36.4	*	44.7	*	54.9	*	62.0	*	*	*	*	*	78.3	*	72.7	*	56.0	*	48.1	*	*	*	*	*
2	193	ALVA	43.2	*	43.4	*	*	*	*	*	*	*	*	*	81.9	*	81.4	*	76.8	*	60.7	*	51.8	*	34.4	*	*	*
2	755	BILLINGS	42.1	*	42.5	*	48.9	*	56.3	*	65.0	*	82.0	*	81.4	*	81.5	*	75.5	*	59.4	*	52.5	*	33.5	*	60.0	*
2	818	BLACKWELL	42.3	*	42.6	*	49.0	*	56.8	*	65.1	*	82.4	*	81.5	*	81.6	*	76.3	*	60.1	*	52.3	*	33.8	*	60.3	*
2	1724	CHEROKEE	43.5	9.0	43.8	3.8	50.6	2.4	58.2	-1.6	67.4	-1.3	84.3	5.3	82.1	-1.6	82.7	0.5	77.6	4.1	61.8	-0.4	52.3	5.0	32.6	-5.7	61.4	1.6
2	2912	ENID	44.2	8.8	43.9	3.2	51.0	1.9	58.5	-1.9	67.2	-1.8	83.1	4.6	81.6	-1.9	*	*	77.7	3.9	61.2	-1.7	53.2	4.7	34.1	-5.2	*	*
2	3304	FT SUPPLY	40.0	5.4	39.3	-0.5	*	*	*	*	63.4	-4.1	79.5	2.6	*	*	*	*	73.3	1.1	57.3	-4.0	49.2	2.1	32.0	-6.1	*	*
2	3358	FREEDOM	40.5	*	40.9	*	50.0	*	58.3	*	66.8	*	82.0	*	80.3	*	80.5	*	74.9	*	59.8	*	51.2	*	32.3	*	59.8	*
2	3740	GRT SLT PLNS	42.8	*	43.3	*	49.5	*	58.2	*	66.9	*	84.6	*	83.4	*	82.8	*	78.4	*	60.1	*	52.7	*	33.3	*	61.3	*
2	4019	HELENA	40.3	*	40.7	*	47.1	*	55.3	*	*	*	81.3	*	79.9	*	80.7	*	75.1	*	57.5	*	50.3	*	30.5	*	*	*
2	4573	JEFFERSON	42.0	7.6	43.1	3.5	50.2	2.1	58.7	-0.9	66.3	-2.4	82.7	4.0	81.2	-2.4	80.9	-1.2	76.0	2.4	59.7	-2.7	52.0	4.2	33.7	-4.6	60.5	*
2	6139	MUTUAL	40.1	6.0	40.9	1.7	46.5	-0.3	54.8	-3.4	63.9	-3.2	80.5	3.3	79.4	-3.2	79.9	-1.1	74.6	2.3	57.8	-3.1	51.2	4.6	31.4	-6.4	58.4	-0.3
2	6278	NEWKIRK	43.0	9.6	43.1	4.2	50.0	2.5	58.0	-1.5	65.4	-2.8	81.3	3.8	81.3	-1.2	81.1	0.0	76.6	3.8	61.4	-0.5	53.6	6.2	34.2	-3.4	60.7	1.7
2	7012	PERRY	38.5	2.2	39.4	-2.1	40.1	-9.8	43.7	-17.8	67.9	-1.4	*	*	*	*	82.6	0.5	77.4	3.2	61.5	-2.0	56.3	6.7	*	*	*	*
2	7201	PONCA CITY	43.4	11.0	45.2	7.5	50.9	4.4	58.4	-0.2	67.0	-0.7	82.8	5.6	81.6	-0.9	82.1	1.2	76.3	4.0	61.7	0.8	55.2	8.6	35.0	-1.7	61.6	3.3
2	9404	WAYNOKA	42.1	6.9	42.5	1.9	49.7	0.9	57.8	-2.5	66.7	-2.4	82.6	4.1	80.7	-2.8	81.0	-1.1	75.3	1.9	59.7	-2.5	51.6	3.7	32.3	-6.3	60.2	0.1
3	535	BARNSDALL	42.3	*	44.8	*	50.6	*	58.3	*	66.0	*	79.2	*	79.7	*	80.0	*	75.3	*	58.7	*	53.5	*	35.2	*	60.3	*
3	548	BARTLESVILLE	*	*	44.9	4.6	51.2	2.4	58.8	-2.0	67.0	-1.7	81.2	4.2	80.6	-1.4	80.5	-0.1	76.2	3.4	59.5	-2.1	54.8	6.5	36.0	-3.0	*	*
3	782	BIXBY	42.5	7.1	*	*	50.4	1.6	57.3	-3.3	64.5	-4.1	79.6	2.7	80.4	-1.4	80.3	0.0	75.2	2.5	57.8	-3.9	54.3	5.6	36.7	-3.6	*	*
3	1828	CLAREMORE	42.5	8.0	43.3	3.5	50.7	2.6	56.9	-3.0	64.9	-3.0	79.0	2.7	79.7	-1.9	80.6	0.3	75.8	3.1	58.1	-3.3	55.2	6.8	36.3	-2.7	60.2	1.1
3	4567	JAY	*	*	*	*	*	*	59.4	*	65.3	*	*	*	79.5	*	80.2	*	77.1	*	*	*	55.8	*	*	*	*	*
3	4672	KANSAS	44.9	*	*	*	51.7	*	58.0	*	64.6	*	*	*	79.0	*	79.7	*	75.6	*	59.0	*	54.5	*	37.2	*	*	*
3	4812	KEYSTONE DAM	*	*	44.8	*	50.5	*	56.8	*	64.9	*	79.6	*	80.7	*	80.9	*	75.1	*	58.3	*	53.8	*	36.2	*	*	*
3	5522	MANNFORD	45.7	*	46.4	*	52.2	*	60.2	*	67.3	*	81.5	*	*	*	82.3	*	76.6	*	60.0	*	56.0	*	37.6	*	*	*
3	5855	MIAMI	44.5	9.8	45.4	5.6	51.7	3.5	58.4	-1.7	64.0	-3.9	76.8	0.6	78.0	-3.1	79.7	-0.2	76.5	3.9	58.6	-2.8	55.4	7.0	*	*	*	*
3	6485	NOWATA	43.0	8.3	43.7	3.7	50.3	1.9	57.4	-2.5	65.3	-2.9	78.8	2.3	80.0	-2.1	80.4	-0.4	75.8	2.9	59.1	-2.7	54.3	5.7	35.4	-3.6	60.3	0.8
3	6935	PAWHUSKA	42.6	8.1	44.0	4.0	50.8	2.2	58.0	-2.5	65.9	-2.3	79.8	3.3	79.8	-2.0	80.0	-0.5	75.6	3.0	59.5	-2.0	54.2	6.2	35.2	-3.5	60.4	1.1

1990 AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (FAHRENHEIT)

CD	ID	STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
			TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP
3	7309	PRYOR	41.3	6.4	42.2	2.2	49.8	1.3	56.3	-3.7	64.0	-4.1	*	*	*	*	79.1	-1.2	74.8	2.2	57.2	-4.2	*	*	35.2	-4.2	*	*
3	7390	RALSTON	43.9	*	45.8	*	52.2	*	59.3	*	67.9	*	81.9	*	81.4	*	81.0	*	77.0	*	61.3	*	55.0	*	36.4	*	61.9	*
3	8380	SPAVINAW	45.9	*	46.5	*	53.3	*	59.5	*	65.7	*	78.9	*	80.5	*	*	*	77.7	*	61.7	*	*	*	40.5	*	*	*
3	8992	TULSA	47.1	11.9	47.7	7.0	53.8	4.5	60.3	-0.6	68.0	-1.1	82.6	4.9	83.5	0.3	83.9	2.2	78.6	4.8	61.8	-0.8	57.8	8.6	39.3	-0.5	63.7	3.4
3	9203	VINITA	42.9	8.4	44.1	4.3	51.1	3.0	57.9	-1.8	*	*	*	*	79.6	-1.5	79.4	-0.4	75.7	3.4	58.5	-2.7	54.4	6.5	36.6	-2.3	*	*
3	9247	WAGONER	47.5	10.6	47.5	5.3	54.0	3.5	60.4	-1.2	67.1	-2.1	80.3	3.1	81.1	-1.3	81.4	0.3	77.6	3.7	60.7	-2.4	56.7	6.6	39.3	-2.1	62.8	2.0
3	9792	WYMONA	46.5	*	46.4	*	54.6	*	60.8	*	70.4	*	83.2	*	83.3	*	84.1	*	79.1	*	60.5	*	58.2	*	37.0	*	63.7	*
4	1909	CLINTON	45.0	8.6	47.3	5.9	52.5	3.0	59.8	-0.8	69.7	0.7	83.9	5.5	80.9	-2.4	82.8	0.8	77.3	3.7	61.5	-0.7	53.5	5.0	36.0	-3.9	62.5	2.1
4	2849	ELK CITY	44.7	*	44.2	*	51.0	*	58.7	*	68.0	*	81.7	*	79.4	*	79.5	*	75.7	*	60.4	*	52.7	*	*	*	*	*
4	2944	ERICK	44.6	7.6	*	*	*	*	59.0	-1.4	*	*	80.9	3.2	78.6	-3.3	79.1	-1.5	74.7	1.6	59.9	-1.9	53.6	5.2	34.5	-5.8	*	*
4	3871	HAMMON	40.7	5.0	43.4	2.5	46.3	-2.6	55.7	-4.6	64.9	-3.4	80.0	1.9	78.3	-4.7	80.0	-1.1	73.8	1.3	56.4	-4.9	49.7	2.2	31.4	-7.6	58.4	-1.4
4	6629	OKEENE	44.4	8.0	44.1	2.5	50.5	0.6	57.7	-3.3	66.9	-2.6	82.8	3.8	80.4	-3.5	81.2	-1.3	76.5	2.2	60.9	-2.5	53.0	3.9	34.6	-5.7	61.1	0.1
4	7579	REYDON	*	*	43.8	*	51.4	*	59.3	*	67.3	*	80.6	*	*	*	79.3	*	74.7	*	59.8	*	*	*	34.5	*	*	*
4	8708	TALOGA	42.1	7.0	43.0	2.9	49.9	1.6	56.9	-2.4	66.4	-1.5	81.4	3.9	79.5	-2.7	*	*	75.0	2.4	58.6	-2.4	50.1	3.1	32.2	-6.5	*	*
4	9364	WATONGA	43.6	*	43.3	*	50.5	*	57.9	*	66.6	*	81.9	*	79.9	*	81.1	*	75.8	*	61.1	*	52.3	*	35.5	*	60.8	*
4	9422	WEATHERFORD	43.3	6.7	43.8	2.1	49.6	-0.3	56.9	-3.9	67.4	-1.9	82.2	3.9	80.8	-2.2	81.0	-0.6	76.4	2.7	59.5	-3.2	52.8	3.9	33.3	-6.9	60.6	0.0
5	830	BLANCHARD	47.0	*	47.3	*	53.2	*	59.9	*	*	*	81.2	*	80.6	*	80.9	*	76.2	*	*	*	55.5	*	37.3	*	*	*
5	1144	BRISTOW	44.4	7.7	46.5	4.1	52.4	1.9	60.4	-1.5	67.6	-1.5	80.8	3.6	80.7	-1.5	81.5	0.3	76.7	3.0	60.5	-2.8	55.9	6.2	37.5	-3.3	62.1	1.3
5	1684	CHANDLER	46.7	9.3	*	*	52.6	1.9	60.2	-1.8	*	*	80.9	3.4	80.3	-2.5	81.5	-0.3	77.0	2.9	61.2	-2.1	56.1	5.7	37.5	-4.0	*	*
5	1750	CHICKASHA	45.2	7.4	46.1	3.0	51.6	0.0	59.6	-2.7	70.2	0.0	82.2	3.4	80.7	-2.3	81.0	-0.2	76.1	2.2	62.4	-0.8	54.4	4.4	36.3	-5.3	62.1	0.7
5	2318	CUSHING	44.5	9.7	44.7	4.7	*	*	*	*	66.1	-2.4	*	*	80.3	-2.1	*	*	77.3	3.7	*	*	55.9	7.0	35.8	-3.7	*	*
5	2818	EL RENO	45.2	9.0	45.0	3.7	51.8	2.3	58.9	-1.6	68.5	-0.2	81.9	4.5	80.6	-1.9	81.2	-0.1	76.4	3.0	61.4	-1.0	53.5	5.0	35.5	-4.6	61.7	*
5	3821	GUTHRIE	46.2	10.0	46.8	5.5	53.5	3.7	61.1	-0.1	69.7	0.4	83.6	5.7	82.5	-0.6	83.4	1.3	78.7	4.6	62.5	-0.5	55.8	6.5	37.7	-2.3	63.5	2.8
5	4055	HENNESSEY	43.6	8.1	43.4	2.8	50.5	1.6	57.7	-2.5	66.8	-2.4	*	*	81.2	-2.5	81.7	-0.6	76.6	2.7	61.1	-1.7	51.7	3.2	34.1	-5.2	*	*
5	4861	KINGFISHER	44.3	8.3	44.3	3.1	51.4	1.8	59.3	-1.5	67.5	-1.9	82.1	3.5	80.3	-3.4	81.9	-0.5	76.6	2.4	60.8	-2.1	53.8	4.9	35.2	-4.7	61.5	0.8
5	5779	MEEKER	46.1	9.6	*	*	52.1	2.0	59.7	-1.6	67.1	-1.9	80.2	3.0	79.8	-2.5	80.5	-0.8	76.2	2.5	60.7	-1.8	55.6	6.3	37.3	-3.5	*	*
5	6386	NORMAN	45.9	*	46.7	*	52.7	*	59.9	*	69.6	*	82.7	*	81.2	*	81.5	*	76.5	*	61.5	*	55.0	*	37.3	*	62.5	*
5	6638	OKEMAH	46.9	9.0	47.8	4.7	53.3	2.2	60.9	-0.9	68.2	-0.9	80.8	3.7	80.6	-1.5	81.6	0.4	77.6	3.5	61.8	-1.7	56.7	6.0	38.3	-3.7	62.9	1.7
5	6661	OKLAHOMA CTY	46.9	11.0	47.5	6.7	53.2	4.1	59.9	-0.3	69.5	1.1	82.1	5.1	80.8	-1.3	81.8	0.7	77.2	3.9	61.3	-1.0	56.5	7.7	37.1	-2.8	62.8	2.9
5	7327	PURCELL	45.2	8.3	47.2	5.0	53.1	2.7	60.3	-1.4	68.8	-0.7	80.7	2.7	80.1	-2.7	80.6	-1.3	76.5	2.3	60.3	-2.6	54.9	5.3	37.0	-4.0	62.1	1.1
5	8042	SEMINOLE	47.7	8.6	48.9	4.4	54.3	1.9	61.6	-1.6	69.1	-1.3	81.7	3.2	80.6	-3.1	82.3	-0.3	78.2	3.0	62.0	-2.5	57.2	5.5	39.3	-3.7	63.6	1.1
5	8501	STILLWATER	41.7	6.4	43.7	3.2	49.8	1.0	56.9	-3.5	66.1	-2.3	81.1	4.1	80.2	-1.9	80.9	-0.1	77.4	4.3	60.0	-1.9	56.0	7.1	36.1	-3.7	60.8	1.0

1990 AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (FAHRENHEIT)

CD	ID	STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
			TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP
6	2993	EUFULA	47.5	*	48.1	*	54.8	*	61.7	*	*	*	82.5	*	81.7	*	82.7	*	78.4	*	62.7	*	57.4	*	41.0	*	*	*
6	3884	HANNA	46.6	*	47.9	*	53.1	*	61.0	*	67.8	*	80.0	*	79.8	*	80.6	*	76.5	*	60.7	*	55.5	*	38.7	*	62.3	*
6	4235	HOLDENVILLE	46.4	7.6	48.0	3.9	53.4	1.7	60.7	-1.5	68.4	-1.3	79.4	1.9	*	*	80.6	-1.3	76.3	1.8	*	*	56.3	4.9	*	*	*	*
6	4975	LAKE EUFAULA	46.2	*	47.5	*	53.2	*	59.8	*	67.1	*	80.1	*	81.9	*	81.4	*	77.6	*	61.2	*	57.9	*	40.4	*	62.9	*
6	5664	MCALESTER	48.1	10.0	50.1	7.0	54.9	3.6	61.0	-0.9	67.8	-1.7	80.4	2.6	80.1	-2.6	81.7	0.0	77.3	3.1	61.9	-1.3	57.5	6.7	40.8	-1.2	63.5	2.1
6	5693	MCCURTAIN	48.9	*	50.2	*	54.9	*	62.7	*	67.7	*	81.0	*	82.4	*	81.7	*	77.3	*	62.0	*	57.3	*	41.5	*	64.0	*
6	6130	MUSKOGEE	*	*	*	*	53.6	2.5	60.8	-1.2	67.6	-1.9	80.4	2.9	80.2	-2.4	82.1	0.6	77.3	3.1	59.9	-3.0	55.8	5.7	37.7	-4.0	*	*
6	7862	SALLISAW	44.8	6.4	48.0	4.6	53.8	2.5	60.5	-1.8	67.6	-2.1	79.1	1.7	80.4	-1.7	80.3	-0.7	76.5	2.3	59.9	-3.5	54.4	3.7	39.0	-3.2	62.0	0.6
6	8506	STILWELL	45.5	*	47.3	*	52.8	*	58.8	*	65.1	*	77.1	*	78.9	*	79.7	*	75.0	*	59.4	*	54.9	*	39.2	*	61.1	*
6	8677	TAHLEQUAH	45.0	8.0	46.5	4.4	52.8	2.8	59.9	-1.2	66.2	-2.0	78.8	2.8	80.2	-0.5	80.8	0.9	76.8	3.8	59.4	-2.5	55.1	8.8	38.5	-2.3	61.7	1.9
6	9445	WEBBERS FLLS	43.9	8.0	45.8	5.0	52.5	3.3	*	*	65.1	-3.9	78.9	1.8	80.0	-2.1	*	*	76.3	2.8	59.0	-3.0	55.1	5.8	38.8	-1.6	*	*
7	179	ALTUS	46.5	7.2	48.2	3.8	53.6	1.1	61.0	-2.3	70.3	-1.3	84.2	3.7	81.5	-3.1	81.0	-2.1	77.2	1.8	62.7	-1.9	54.5	3.3	36.8	-6.0	63.1	0.3
7	184	ALTUS DAM	44.7	*	46.6	*	51.3	*	59.0	*	68.9	*	84.4	*	81.5	*	81.8	*	77.2	*	60.9	*	53.5	*	35.4	*	62.1	*
7	1504	CARNEGIE	44.6	7.3	46.0	3.4	52.2	1.4	59.9	-1.9	69.0	-1.0	82.8	3.6	81.1	-2.6	81.2	-1.1	76.4	2.0	*	*	*	*	35.6	-5.5	*	*
7	1706	CHATTANOOGA	46.1	7.1	*	*	53.5	1.2	*	*	*	*	84.3	4.4	*	*	82.4	-0.9	78.0	2.3	63.4	-0.9	54.2	3.3	36.6	-5.8	*	*
7	4204	HOBART	45.3	9.1	46.1	4.9	52.2	2.9	59.0	-1.3	68.8	-0.3	83.3	4.4	80.7	-2.8	81.2	-0.9	76.0	2.2	62.0	-0.4	54.2	5.7	36.4	-3.5	62.1	1.6
7	4249	HOLLIS	44.5	5.6	46.7	2.4	52.8	0.5	61.4	-1.8	69.7	-2.1	84.0	3.0	*	*	80.9	-2.5	76.6	1.3	*	*	53.7	3.3	36.1	-6.1	*	*
7	5063	LAWTON	44.5	5.7	47.0	3.3	52.9	0.9	58.7	-4.0	69.8	-0.8	83.8	4.8	80.9	-2.8	81.9	-0.8	76.8	1.7	60.8	-3.2	54.4	3.5	35.6	-6.6	62.3	0.1
7	5068	FORT SILL	46.5	*	47.5	*	54.0	*	59.6	*	69.4	*	82.3	*	80.4	*	81.5	*	76.6	*	61.6	*	54.2	*	37.3	*	62.6	*
7	5509	MANGUM	45.0	6.4	48.6	4.7	53.8	1.9	62.8	0.1	70.2	-0.8	83.3	3.4	79.7	-4.2	79.7	-2.9	75.5	0.6	61.4	-2.4	54.2	4.0	35.6	-6.3	62.5	0.3
7	9278	WALTERS	47.1	7.2	49.6	4.6	*	*	*	*	70.3	-1.2	83.0	3.0	*	*	82.3	-1.4	77.6	1.4	63.2	-1.6	55.3	3.6	38.2	-5.3	*	*
7	9629	WICHITA MT	43.5	5.7	45.5	2.7	49.7	-1.2	56.7	-5.1	66.6	-2.6	80.8	3.2	79.5	-3.1	79.0	-2.5	75.6	1.9	59.2	-3.5	51.3	1.8	34.7	-6.5	60.2	-0.8

1990 AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (FAHRENHEIT)

CD	ID	STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
			TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP	TEMP	DEP
8	17	ADA	46.9	7.3	48.0	3.3	52.1	-0.3	59.6	-2.9	67.9	-1.8	79.9	2.2	79.9	-2.8	81.1	-0.6	77.2	2.6	60.4	-4.0	56.7	4.9	38.0	-5.5	62.3	0.2
8	292	ARDMORE	49.1	7.1	*	*	55.1	0.0	61.5	-3.7	70.5	-1.9	81.3	1.0	80.7	-4.1	82.5	-1.5	78.2	1.0	*	*	58.4	4.1	40.1	-6.1	*	*
8	394	ATOKA DAM	47.2	*	48.2	*	53.7	*	61.0	*	68.0	*	81.0	*	81.3	*	*	*	79.3	*	62.2	*	57.2	*	40.9	*	*	*
8	1437	CANEY	*	*	49.7	*	55.4	*	61.6	*	70.2	*	82.6	*	80.8	*	82.9	*	77.8	*	62.4	*	58.0	*	*	*	*	*
8	1745	CHICKASAW NR	44.5	*	47.2	*	51.7	*	59.1	*	67.5	*	79.8	*	79.2	*	80.9	*	76.3	*	60.1	*	55.8	*	38.8	*	61.7	*
8	2660	DUNCAN 12 W	45.3	5.4	47.3	2.4	52.1	-0.9	59.5	-4.3	68.6	-2.3	81.6	2.6	*	*	80.8	-2.2	76.9	1.2	61.3	-3.5	56.6	4.6	37.3	-6.4	*	*
8	2678	DURANT	46.8	*	48.9	*	53.9	*	60.5	*	68.0	*	80.0	*	80.3	*	81.7	*	77.5	*	61.7	*	57.3	*	40.8	*	63.1	*
8	4001	HEALDTON	47.0	*	49.2	*	54.4	*	61.6	*	70.3	*	81.8	*	80.6	*	*	*	*	*	62.3	*	56.8	*	39.0	*	*	*
8	5216	LINDSAY	*	*	*	*	53.2	*	*	*	69.3	*	81.1	*	*	*	*	*	75.4	*	60.8	*	54.8	*	37.0	*	*	*
8	5468	MADILL	*	*	50.4	4.5	54.7	1.1	61.2	-2.3	70.7	-0.2	81.6	2.7	81.4	-2.3	82.2	-0.9	77.3	1.4	62.9	-2.4	58.2	5.2	40.8	-4.0	*	*
8	5563	MARIETTA	49.3	8.1	51.2	5.1	55.6	1.8	62.7	-0.8	71.3	0.5	81.7	3.0	81.0	-2.6	83.0	0.1	78.4	2.5	64.5	-0.9	58.5	5.6	40.8	-4.0	64.8	1.5
8	5581	MARLOW	47.0	*	49.0	*	53.5	*	60.9	*	69.4	*	82.0	*	81.0	*	81.2	*	77.0	*	62.5	*	56.3	*	37.9	*	63.1	*
8	5713	MCGEE CREEK	47.1	*	49.9	*	54.3	*	60.9	*	67.7	*	80.3	*	80.6	*	82.5	*	77.9	*	61.3	*	56.9	*	40.6	*	63.3	*
8	6926	PAULS VALLEY	46.9	7.7	48.7	4.2	53.5	0.9	60.9	-2.4	69.9	-1.2	81.3	1.8	80.1	-4.0	81.0	-2.1	76.7	1.1	61.8	-2.5	56.7	5.3	38.0	-4.8	63.0	0.3
8	8884	TISHOMINGO	46.5	*	48.8	*	*	*	60.9	*	*	*	81.8	*	*	*	*	*	*	*	63.0	*	*	*	39.7	*	*	*
8	9395	WAURIKA	48.6	7.6	50.0	3.8	55.8	1.6	62.9	-1.6	72.1	0.2	83.7	3.6	81.9	-2.8	82.7	-1.1	78.4	1.9	64.8	-0.7	57.3	4.7	39.6	-5.0	64.8	1.0
9	256	ANTLERS	47.6	7.4	50.7	5.8	55.8	3.0	62.8	0.2	69.0	-0.8	80.2	2.7	79.9	-2.1	81.8	0.7	77.3	2.8	62.4	-1.1	56.4	4.6	42.1	-1.6	63.8	1.8
9	567	BATTIEST	*	*	50.2	*	54.5	*	60.5	*	67.3	*	78.1	*	*	*	77.4	*	74.6	*	59.2	*	53.2	*	39.5	*	*	*
9	980	BOSWELL	49.9	*	52.2	*	57.7	*	64.6	*	71.1	*	81.5	*	80.8	*	83.0	*	78.1	*	64.7	*	59.5	*	43.7	*	65.6	*
9	1168	BRKN BOW DAM	46.4	*	49.8	*	55.2	*	59.4	*	66.6	*	78.4	*	79.7	*	80.8	*	76.1	*	60.5	*	56.1	*	41.0	*	62.5	*
9	4384	HUGO	49.9	7.6	51.9	5.0	56.1	1.5	62.8	-1.3	69.4	-1.9	80.8	2.1	80.9	-2.1	82.4	0.2	78.6	2.8	62.7	-2.5	58.5	5.1	42.5	-3.2	64.7	1.1
9	4451	IDABEL	47.5	5.5	50.3	4.0	55.4	1.5	*	*	67.5	-3.0	79.1	1.2	*	*	81.2	-0.1	77.6	2.7	61.7	-2.4	*	*	*	*	*	*
9	7254	POTEAU	45.4	*	*	*	54.0	*	59.5	*	*	*	79.9	*	80.2	*	80.0	*	76.8	*	59.1	*	*	*	39.7	*	*	*
9	8285	SMITHVILLE	44.0	*	47.7	*	53.4	*	59.0	*	64.1	*	*	*	*	*	86.3	*	*	*	59.1	*	54.5	*	39.0	*	*	*
9	9023	TUSKAHOMA	48.0	*	50.1	*	55.8	*	61.8	*	68.9	*	80.5	*	80.6	*	80.3	*	76.3	*	61.9	*	56.8	*	41.9	*	63.6	*
9	9634	WILBURTON	47.0	7.7	49.1	5.1	55.0	3.2	61.3	-0.8	67.5	-1.7	79.6	2.6	80.2	-1.8	80.6	-0.3	76.8	3.2	60.5	-2.3	55.2	4.3	40.3	-2.6	62.8	1.3

1990 HEATING DEGREE DAYS AND DEPARTURES FROM NORMAL

BASE = 65 DEGREES FAHRENHEIT

CD	ID	STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL			
			HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP
1	332	ARNETT	781	-202	680	-70	554	-60	290	42	142	55	0	-7	0	0	0	0	25	-6	291	84	475	-105	1079	217	4316	-52		
1	593	BEAVER	877	-122	773	20	618	1	303	49	166	72	4	-6	4	4	0	0	22	-9	286	67	489	-124	1106	213	4646	165		
1	908	BOISE	900	-59	790	42	630	-18	302	-25	166	36	0	-10	0	0	0	0	15	-22	242	-8	509	-125	1076	202	4627	13		
1	1243	BUFFALO	705	-235	596	-93	459	-82	205	11	88	25	0	-6	0	0	0	0	5	-15	136	-19	396	-145	948	126	3536	-433		
1	3407	GAGE	721	-262	627	-121	484	-115	262	19	108	21	0	0	1	1	0	0	18	-9	203	1	406	-185	1014	140	3843	-510		
1	3489	GATE	771	*	718	*	538	*	282	*	133	*	0	*	1	*	0	*	22	*	242	*	450	*	1034	*	4188	*		
1	3628	GOODWELL	921	-57	813	74	645	13	343	53	165	46	3	-8	6	6	0	0	28	-11	292	61	497	-124	1084	207	4796	260		
1	4298	HOOKER	928	-58	805	60	623	2	295	21	165	68	*	*	3	3	0	0	22	-8	277	51	473	-154	1091	204	*	*		
1	4766	KENTON	988	39	836	97	693	42	338	10	211	95	0	-14	5	5	8	8	26	-7	310	60	558	-76	1117	246	5088	505		
1	6740	OPTIMA LAKE	922	*	801	*	617	*	*	*	163	*	0	*	4	*	0	*	20	*	*	*	480	*	*	*	*	*	*	
1	9017	TURPIN	942	*	801	*	628	*	303	*	163	*	*	*	*	*	0	*	22	*	288	*	510	*	*	*	*	*	*	
2	193	ALVA	675	*	604	*	*	*	*	*	*	*	*	*	0	*	0	*	13	*	184	*	406	*	950	*	*	*	*	
2	755	BILLINGS	709	*	631	*	503	*	275	*	108	*	0	*	0	*	0	*	16	*	206	*	387	*	975	*	3808	*		
2	818	BLACKWELL	703	*	629	*	500	*	265	*	97	*	0	*	0	*	0	*	11	*	196	*	391	*	937	*	3727	*		
2	1724	CHEROKEE	667	-279	595	-108	457	-77	224	28	82	37	0	0	0	0	0	0	6	-9	164	13	397	-134	1003	175	3594	-354		
2	2912	ENID	645	-273	592	-89	444	-64	229	51	81	41	0	0	0	0	*	*	9	-6	174	40	365	-131	959	162	*	*		
2	3304	FT SUPPLY	775	-168	721	15	*	*	*	*	144	75	0	-6	*	*	*	*	26	1	262	98	485	-52	1022	188	*	*		
2	3358	FREEDOM	759	*	674	*	472	*	233	*	96	*	0	*	1	*	0	*	8	*	203	*	430	*	1015	*	3889	*		
2	3740	GRT SLT PLNS	688	*	607	*	492	*	243	*	83	*	0	*	0	*	0	*	7	*	201	*	381	*	982	*	3683	*		
2	4019	HELENA	767	*	680	*	555	*	311	*	*	*	0	*	1	*	0	*	15	*	255	*	448	*	1070	*	*	*	*	
2	4573	JEFFERSON	713	-237	615	-97	467	-67	227	29	85	38	0	0	0	0	0	0	13	-3	210	66	402	-114	969	141	3698	-244		
2	6139	MUTUAL	771	-188	674	-49	575	1	318	88	133	54	0	-6	2	2	0	0	18	0	248	73	424	-128	1042	199	4203	46		
2	6278	NEWKIRK	681	-299	613	-119	475	-80	245	41	89	38	0	0	0	0	0	0	8	-15	169	12	348	-180	954	105	3580	-497		
2	7012	PERRY	821	-70	716	58	772	289	639	482	64	26	*	*	*	*	0	0	2	-13	158	33	279	-184	*	*	*	*	*	
2	7201	PONCA CITY	669	-342	556	-209	444	-136	235	12	72	7	0	0	0	0	0	0	11	-18	162	-17	319	-233	931	54	3398	-882		
2	9404	WAYNOKA	709	-215	631	-53	480	-38	250	73	94	46	0	0	0	0	0	0	15	-2	202	44	414	-100	1014	196	3807	-49		
3	535	BARNSDALL	703	*	566	*	458	*	233	*	65	*	0	*	0	*	0	*	13	*	231	*	342	*	925	*	3536	*		
3	548	BARTLESVILLE	*	*	564	-129	445	-72	227	56	60	24	0	0	0	0	0	0	11	-7	216	56	320	-182	901	95	*	*		
3	782	BIXBY	697	-221	*	*	468	-47	258	90	100	57	0	0	0	0	0	0	19	-3	254	82	338	-151	877	111	*	*		
3	1828	CLAREMORE	698	-248	607	-100	462	-72	266	79	90	27	0	0	1	1	0	0	20	-6	249	69	307	-192	889	83	3587	-359		
3	4567	JAY TOWER	*	*	*	*	*	*	213	*	71	*	*	*	0	*	0	*	11	*	*	*	284	*	*	*	*	*	*	*
3	4672	KANSAS	624	*	*	*	420	*	240	*	84	*	*	*	0	*	0	*	15	*	220	*	319	*	862	*	*	*	*	
3	4812	KEYSTONE DAM	*	*	567	*	468	*	266	*	91	*	0	*	1	*	0	*	16	*	233	*	346	*	894	*	*	*	*	
3	5522	MANNFORD	599	*	520	*	395	*	184	*	53	*	0	*	*	*	0	*	10	*	195	*	286	*	851	*	*	*	*	
3	5855	MIAMI	637	-303	550	-157	422	-110	223	37	91	33	0	-7	0	0	0	0	5	-23	225	51	296	-203	*	*	*	*	*	
3	6485	NOWATA	681	-259	596	-104	463	-62	259	65	81	35	0	0	0	0	0	0	11	-10	215	58	321	-172	919	113	3544	-336		

1990 HEATING DEGREE DAYS AND DEPARTURES FROM NORMAL
 BASE = 65 DEGREES FAHRENHEIT

CD	ID	STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
			HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP
3	6935	PAWHUSKA	695	-251	589	-112	454	-67	241	63	74	26	0	0	0	0	0	0	10	-15	213	52	336	-174	924	109	3534	-369
3	7309	PRYOR	712	-221	638	-63	488	-39	285	89	104	49	*	*	*	*	0	0	22	-2	261	94	*	*	923	129	*	*
3	7390	RALSTON	656	*	539	*	411	*	208	*	53	*	0	*	0	*	0	*	8	*	176	*	313	*	886	*	3247	*
3	8380	SPAVINAW	573	*	518	*	381	*	201	*	74	*	0	*	0	*	*	*	9	*	168	*	*	*	734	*	*	*
3	8992	TULSA	556	-369	484	-196	366	-135	184	16	54	14	0	0	0	0	0	0	9	-9	169	23	247	-227	796	15	2863	-868
3	9203	VINITA	684	-262	587	-120	444	-91	248	59	*	*	*	*	0	0	0	0	15	-13	239	63	314	-199	880	71	*	*
3	9247	WAGONER	544	-327	491	-147	362	-105	181	31	58	28	0	0	0	0	0	0	9	-9	189	48	265	-182	796	64	2893	-599
3	9792	WYMONA	575	*	522	*	351	*	175	*	30	*	0	*	0	*	0	*	8	*	198	*	230	*	868	*	2954	*
4	1909	CLINTON	620	-267	495	-167	399	-95	188	9	55	14	0	0	0	0	0	0	5	-12	156	11	359	-137	899	121	3172	-523
4	2849	ELK CITY	628	*	584	*	441	*	206	*	78	*	0	*	0	*	0	*	7	*	177	*	375	*	*	*	*	*
4	2944	ERICK	631	-237	*	*	*	*	206	28	*	*	0	0	0	0	0	0	9	-4	185	40	351	-147	945	179	*	*
4	3871	HAMMON	753	-156	606	-70	579	64	295	112	119	56	0	-6	6	6	0	0	13	-9	284	114	466	-60	1042	236	4159	287
4	6629	OKEENE	638	-250	586	-70	452	-31	243	75	79	43	0	0	0	0	0	0	10	-7	176	54	369	-109	943	177	3494	-118
4	7579	REYDON	*	*	595	*	430	*	200	*	90	*	0	*	*	*	0	*	7	*	196	*	*	*	945	*	*	*
4	8708	TALOGA	710	-218	616	-82	475	-53	258	57	98	42	0	0	0	0	*	*	13	-6	217	49	450	-90	1018	203	*	*
4	9364	WATONGA	663	*	609	*	452	*	243	*	88	*	0	*	3	*	0	*	15	*	170	*	389	*	915	*	3546	*
4	9422	WEATHERFORD	674	-206	594	-58	468	-15	264	96	78	45	0	0	0	0	0	0	18	3	197	63	377	-106	983	214	3651	36
5	830	BLANCHARD	557	*	496	*	366	*	181	*	*	*	0	*	0	*	0	*	7	*	*	*	296	*	858	*	*	*
5	1144	BRISTOW	618	-259	518	-116	411	-56	178	22	48	16	0	0	0	0	0	0	9	-14	187	51	295	-169	852	102	3114	-423
5	1684	CHANDLER	550	-306	*	*	389	-72	181	40	*	*	0	0	0	0	0	0	9	-10	172	43	284	-159	854	125	*	*
5	1750	CHICKASHA	613	-231	529	-85	422	-14	195	53	55	31	0	0	0	0	0	0	7	-6	153	25	329	-121	890	165	3191	-183
5	2318	CUSHING	635	-302	569	-132	*	*	*	*	80	31	*	*	0	0	*	*	1	-19	*	*	295	-189	905	114	*	*
5	2818	EL RENO	614	-279	560	-104	419	-75	215	37	66	29	0	0	0	0	0	0	11	-5	169	29	351	-145	914	142	3317	-371
5	3821	GUTHRIE	582	-311	510	-154	377	-108	162	-2	46	12	0	0	0	0	0	0	5	-11	152	13	296	-176	846	71	2974	-666
5	4055	HENNESSEY	664	-252	606	-77	455	-57	239	55	81	40	*	*	0	0	0	0	9	-5	165	24	407	-88	959	162	*	*
5	4861	KINGFISHER	641	-259	580	-87	432	-58	208	34	70	35	0	0	0	0	0	0	12	-3	176	47	344	-140	923	145	3383	-286
5	5779	MEEKER	566	-318	*	*	408	-68	192	34	61	26	0	0	0	0	0	0	9	-8	186	36	299	-173	858	108	*	*
5	6386	NORMAN	592	*	513	*	391	*	194	*	50	*	0	*	0	*	0	*	11	*	163	*	320	*	832	*	3064	*
5	6638	OKEMAH	560	-280	481	-132	378	-73	166	30	47	20	0	0	0	0	0	0	7	-10	161	36	264	-165	828	115	2890	-459
5	6661	OKLAHOMA CITY	561	-341	489	-189	376	-130	189	5	46	5	0	0	0	0	0	0	10	-5	169	24	277	-210	866	88	2982	-753
5	7327	PURCELL	615	-257	498	-140	383	-92	174	20	53	18	0	0	0	0	0	0	9	-4	192	57	317	-150	868	124	3108	-424
5	8042	SEMINOLE	537	-266	451	-123	358	-54	149	17	40	17	0	0	0	0	0	0	7	-3	155	55	256	-149	798	116	2748	-390
5	8501	STILLWATER	722	-199	596	-90	478	-38	268	85	90	42	0	0	0	0	0	0	10	-9	203	45	295	-189	897	116	3556	-237

1990 HEATING DEGREE DAYS AND DEPARTURES FROM NORMAL
 BASE = 65 DEGREES FAHRENHEIT

CD	ID	STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
			HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP
6	2993	EUFAULA	544	*	473	*	338	*	147	*	*	*	0	*	0	*	0	*	5	*	148	*	250	*	745	*	*	*
6	3884	HANNA	572	*	478	*	383	*	156	*	57	*	0	*	0	*	0	*	10	*	190	*	302	*	816	*	2963	*
6	4235	HOLDENVILLE	576	-237	475	-118	375	-56	168	37	50	27	0	0	*	*	0	0	10	-1	*	*	278	-136	*	*	*	*
6	4975	L. EUFAULA	584	*	492	*	388	*	190	*	60	*	0	*	0	*	0	*	6	*	184	*	247	*	762	*	2910	*
6	5664	MCALESTER	528	-307	418	-195	341	-101	167	23	61	27	0	0	0	0	0	0	10	-6	183	50	258	-176	751	38	2715	-647
6	5693	MCCURTAIN	498	*	416	*	345	*	125	*	50	*	0	*	0	*	0	*	8	*	170	*	253	*	730	*	2594	*
6	6130	MUSKOGEE	*	*	*	*	370	-79	176	38	52	20	0	0	0	0	0	0	8	-9	196	56	292	-155	847	125	*	*
6	7862	SALLISAW	625	-200	476	-130	367	-75	177	47	52	27	0	0	0	0	0	0	6	-5	205	79	324	-110	807	100	3038	-267
6	8506	STILWELL	605	*	495	*	391	*	223	*	76	*	0	*	0	*	0	*	16	*	211	*	315	*	801	*	3131	*
6	8677	TAHLEQUAH	620	-248	517	-124	397	-83	198	35	63	7	0	0	0	0	0	0	14	-11	209	40	311	-166	823	73	3151	-477
6	9445	WEBBERS FALLS	654	-248	538	-141	406	-96	*	*	81	45	0	0	0	0	*	*	17	2	227	75	312	-159	814	51	*	*
7	179	ALTUS	574	-223	471	-106	365	-42	154	30	56	38	0	0	0	0	0	0	2	-6	134	27	326	-89	875	187	2955	-184
7	184	ALTUS DAM	629	*	518	*	438	*	213	*	82	*	0	*	0	*	0	*	5	*	183	*	363	*	917	*	3347	*
7	1504	CARNEGIE	634	-226	532	-96	402	-54	177	27	68	44	0	0	0	0	0	0	4	-10	*	*	*	*	912	171	*	*
7	1706	CHATTANOOGA	587	-219	*	*	369	-43	*	*	*	*	0	0	*	*	0	0	5	-3	130	29	333	-91	852	151	*	*
7	4204	HOBART	610	-284	529	-137	403	-94	206	26	66	27	0	0	0	0	0	0	13	-4	158	16	336	-160	858	80	3176	-530
7	4249	HOLLIS	635	-174	513	-67	370	-44	139	17	71	52	0	0	*	*	0	0	3	-4	*	*	345	-94	897	190	*	*
7	5063	LAWTON	635	-177	504	-93	373	-51	209	82	52	30	0	0	0	0	0	0	9	3	180	65	330	-99	911	204	3201	-36
7	5068	FORT SILL	575	*	489	*	360	*	191	*	55	*	0	*	0	*	0	*	7	*	159	*	331	*	860	*	3023	*
7	5509	MANGUM	600	-219	461	-130	351	-76	125	-16	56	32	0	0	0	0	0	0	4	-2	151	33	329	-116	912	196	2987	-298
7	9278	WALTERS	555	-224	432	-129	*	*	*	*	55	38	0	0	*	*	0	0	10	-3	133	17	299	-116	832	165	*	*
7	9629	WICHITA MTNS	665	-178	546	-76	478	21	261	113	84	54	1	1	0	0	0	0	5	-8	208	69	417	-49	938	200	3602	147

1990 HEATING DEGREE DAYS AND DEPARTURES FROM NORMAL
 BASE = 65 DEGREES FAHRENHEIT

CD	ID	STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
			HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP	HDD	DEP
8	17	ADA	561	-227	475	-93	410	-3	194	63	64	41	0	0	0	0	0	0	8	-5	190	71	259	-146	838	171	2997	-128
8	292	ARDMORE	492	-207	*	*	324	-16	146	65	42	35	0	0	0	0	0	0	6	6	*	*	225	-105	771	188	*	*
8	394	ATOKA DAM	551	*	472	*	374	*	163	*	65	*	0	*	0	*	*	*	13	*	166	*	257	*	748	*	*	*
8	1437	CANEY	*	*	428	*	327	*	162	*	41	*	0	*	0	*	0	*	8	*	164	*	241	*	*	*	*	*
8	1745	CHICKASAW NRA	634	*	498	*	424	*	211	*	77	*	0	*	0	*	0	*	17	*	210	*	296	*	812	*	3177	*
8	2660	DUNCAN 12 W	610	-169	496	-75	412	16	196	84	69	52	0	0	*	*	0	0	11	3	171	66	260	-137	860	200	*	*
8	2678	DURANT	564	*	452	*	364	*	179	*	58	*	0	*	0	*	0	*	17	*	184	*	258	*	750	*	2823	*
8	4001	HEALDTON	559	*	443	*	347	*	148	*	52	*	0	*	0	*	*	*	*	*	160	*	269	*	807	*	*	*
8	5216	LINDSAY	*	*	*	*	382	*	*	*	53	*	0	*	*	*	*	*	9	*	183	*	313	*	867	*	*	*
8	5468	MADILL	*	*	409	-132	340	-39	158	51	43	30	0	0	0	0	0	0	11	4	147	54	227	-140	750	124	*	*
8	5563	MARIETTA	488	-251	389	-147	309	-62	125	15	42	27	0	0	0	0	0	0	6	-4	120	28	227	-145	750	124	2454	-415
8	5581	MARLOW	557	*	449	*	372	*	160	*	61	*	0	*	0	*	0	*	14	*	150	*	278	*	842	*	2882	*
8	5713	MCGEE CREEK	555	*	424	*	357	*	172	*	62	*	0	*	0	*	0	*	15	*	186	*	263	*	757	*	2789	*
8	6926	PAULS VALLEY	563	-238	457	-117	374	-31	163	45	44	26	0	0	0	0	0	0	10	1	161	56	274	-139	837	149	2882	-248
8	8884	TISHOMINGO	574	*	455	*	*	*	167	*	*	*	0	*	*	*	*	*	*	*	152	*	*	*	760	*	*	*
8	9395	WAURIKA	510	-235	421	-111	309	-55	119	15	43	30	0	0	0	0	0	0	5	-1	104	10	253	-126	788	156	2550	-317
9	256	ANTLERS	539	-230	402	-162	305	-94	130	9	44	18	0	0	0	0	0	0	8	-2	160	36	273	-127	710	50	2569	-502
9	567	BATTIEST	*	*	414	*	337	*	170	*	44	*	0	*	*	*	0	*	17	*	229	*	356	*	764	*	*	*
9	980	BOSWELL	469	*	359	*	262	*	95	*	29	*	0	*	0	*	0	*	7	*	121	*	189	*	660	*	2190	*
9	1168	BRKN BOW DAM	577	*	425	*	321	*	215	*	46	*	0	*	0	*	0	*	11	*	195	*	277	*	743	*	2810	*
9	4384	HUGO	469	-235	366	-148	292	-55	123	29	39	30	0	0	0	0	0	0	6	6	153	59	212	-146	697	99	2355	-361
9	4451	IDABEL	526	-188	414	-110	312	-53	*	*	41	26	1	1	*	*	0	0	14	8	189	74	*	*	*	*	*	*
9	7254	POTEAU	608	*	*	*	363	*	203	*	*	*	0	*	0	*	0	*	17	*	223	*	*	*	785	*	*	*
9	8285	SMITHVILLE	652	*	485	*	368	*	202	*	87	*	*	*	*	*	0	*	*	*	225	*	327	*	807	*	*	*
9	9023	TUSKAHOMA	529	*	418	*	312	*	145	*	47	*	0	*	0	*	0	*	10	*	174	*	276	*	718	*	2628	*
9	9634	WILBURTON	560	-238	445	-143	334	-94	146	6	59	21	0	0	0	0	0	0	10	-6	198	57	304	-124	765	80	2820	-441

1990 COOLING DEGREE DAYS AND DEPARTURES FROM NORMAL
BASE = 65 DEGREES FAHRENHEIT

CD	ID	STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL		
			CDD	DEP	CDD	DEP	CDD	DEP	CDD	DEP	CDD	DEP	CDD	DEP	CDD	DEP	CDD	DEP	CDD	DEP	CDD	DEP	CDD	DEP	CDD	DEP	CDD	DEP	CDD
1	332	ARNETT	0	0	0	0	0	-6	18	-2	116	-13	426	98	375	-115	378	-66	263	55	13	-33	4	4	0	0	1592	-78	
1	593	BEAVER	0	0	0	0	0	-6	15	-3	81	-53	421	75	418	-94	449	-5	285	77	22	-19	5	5	0	0	1693	-23	
1	908	BOISE CITY	0	0	0	0	0	0	8	0	44	-30	391	126	304	-100	315	-18	188	58	7	-7	0	0	0	0	1256	29	
1	1243	BUFFALO	0	0	0	0	13	-1	26	-9	148	-24	517	109	507	-64	531	10	387	122	62	-4	16	16	0	0	2205	155	
1	3407	GAGE	0	0	0	0	7	0	29	11	131	-3	475	122	426	-87	460	-9	275	60	35	-3	9	9	0	0	1846	100	
1	3489	GATE	0	*	0	*	1	*	22	*	102	*	499	*	474	*	480	*	315	*	34	*	12	*	0	*	1938	*	
1	3628	GOODWELL	0	0	0	0	0	-6	6	-12	63	-47	411	112	392	-54	384	-1	245	71	12	-16	2	2	0	0	1513	49	
1	4298	HOOKEE	0	0	0	0	0	-7	16	3	60	-50	*	*	416	-59	410	1	268	92	14	-21	2	2	0	0	*	*	
1	4766	KENTON	0	0	0	0	0	0	1	-10	29	-40	354	79	323	-99	274	-84	190	41	3	-15	0	0	0	0	1173	-128	
1	6740	OPTIMA LAKE	0	*	0	*	0	*	*	*	79	*	418	*	425	*	421	*	264	*	*	*	3	*	*	*	*	*	*
1	9017	TURPIN	0	*	0	*	0	*	11	*	69	*	*	*	*	*	400	*	252	*	19	*	3	*	*	*	*	*	*
2	193	ALVA	0	*	0	*	*	*	*	*	*	*	*	524	*	509	*	366	*	51	*	11	*	0	*	*	*	*	*
2	755	BILLINGS	0	*	0	*	3	*	24	*	110	*	510	*	508	*	511	*	330	*	33	*	13	*	0	*	2039	*	
2	818	BLACKWELL	0	*	0	*	3	*	20	*	101	*	522	*	511	*	516	*	350	*	44	*	8	*	0	*	2074	*	
2	1724	CHEROKEE	0	0	0	0	10	-2	28	-12	156	-5	578	161	514	-67	548	15	383	113	64	0	15	15	0	0	2293	218	
2	2912	ENID	0	0	0	0	9	-6	34	-6	149	-16	542	137	515	-60	*	*	391	112	56	-14	9	9	0	0	*	*	
2	3304	FT SUPPLY DAM	0	0	0	0	*	*	*	*	95	-53	436	73	*	*	*	*	274	33	24	-25	10	10	0	0	*	*	
2	3358	FREEDOM	0	*	0	*	8	*	33	*	152	*	510	*	475	*	482	*	304	*	41	*	15	*	0	*	2019	*	
2	3740	GREAT SALT PLNS	0	*	0	*	11	*	38	*	142	*	587	*	571	*	552	*	408	*	48	*	13	*	0	*	2368	*	
2	4019	HELENA	0	*	0	*	1	*	21	*	*	*	488	*	462	*	487	*	319	*	24	*	8	*	0	*	*	*	*
2	4573	JEFFERSON	0	0	0	0	8	-1	37	1	125	-38	531	120	501	-76	492	-38	342	69	44	-19	13	13	0	0	2091	31	
2	6139	MUTUAL	0	0	0	0	2	-8	13	-14	100	-46	466	94	449	-97	463	-33	306	69	24	-24	9	9	0	0	1830	-50	
2	6278	NEWKIRK	0	0	0	0	11	-1	35	-5	100	-51	491	116	505	-38	498	-1	356	100	56	-6	7	7	0	0	2057	121	
2	7012	PERRY	0	0	0	0	0	-15	0	-52	155	-17	*	*	*	*	547	17	374	83	50	-30	17	17	*	*	*	*	
2	7201	PONCA CITY	0	0	0	0	6	-2	37	6	134	-15	534	168	514	-33	531	38	349	102	62	11	25	25	0	0	2189	300	
2	9404	WAYNOKA	0	0	0	0	7	-9	33	-3	148	-27	528	123	488	-86	496	-34	324	56	38	-33	13	13	0	0	2074	0	
3	535	BARNSDALL	0	*	0	*	13	*	32	*	95	*	425	*	441	*	465	*	322	*	37	*	9	*	0	*	1836	*	
3	548	BARTLESVILLE	*	*	0	0	17	3	39	-6	121	-29	486	126	485	-43	480	-4	348	96	44	-10	13	13	0	0	*	*	
3	782	BIXBY	0	0	*	*	15	3	29	-8	85	-71	438	77	479	-43	474	0	326	74	30	-41	18	18	0	0	*	*	
3	1828	CLAREMORE	0	0	0	0	20	10	24	-10	87	-65	420	81	458	-58	484	10	343	86	34	-34	22	22	0	0	1890	42	
3	4567	JAY	*	*	*	*	*	*	46	*	81	*	*	*	436	*	471	*	373	*	*	*	6	*	*	*	*	*	*
3	4672	KANSAS	0	*	*	*	9	*	32	*	72	*	*	*	420	*	457	*	334	*	33	*	3	*	0	*	*	*	*
3	4812	KEYSTONE	*	*	0	*	20	*	21	*	89	*	437	*	489	*	492	*	319	*	34	*	9	*	0	*	*	*	*
3	5522	MANNFORD	0	*	0	*	11	*	39	*	121	*	496	*	*	*	537	*	358	*	44	*	15	*	0	*	*	*	*
3	5855	MIAMI	0	0	0	0	9	-2	26	-14	59	-90	355	12	404	-95	457	-6	349	94	28	-36	7	7	*	*	*	*	*
3	6485	NOWATA	0	0	0	0	6	-4	32	-10	89	-56	400	51	465	-66	478	-13	335	77	33	-25	12	12	0	0	1847	-34	

1990 COOLING DEGREE DAYS AND DEPARTURES FROM NORMAL
 BASE = 65 DEGREES FAHRENHEIT

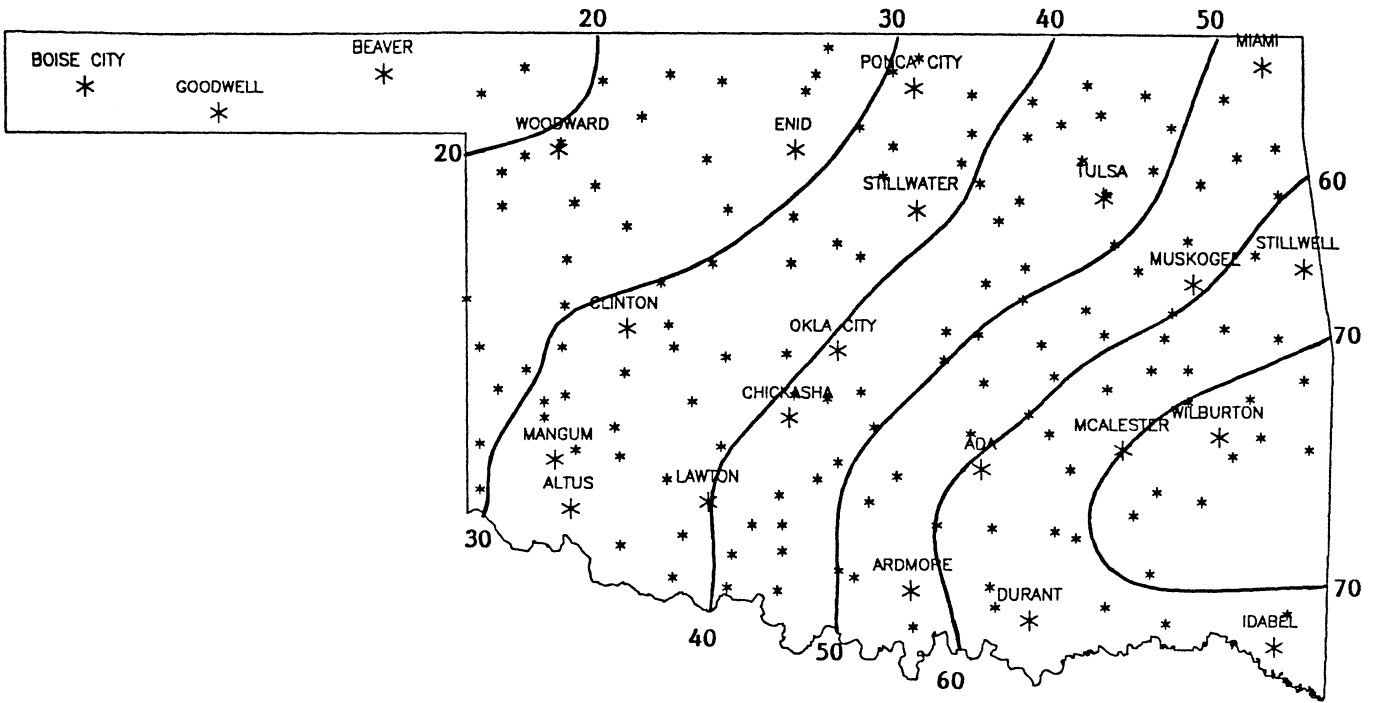
CD	ID	STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
			CDD	DEP	CDD	DEP	CDD	DEP	CDD	DEP	CDD	DEP	CDD	DEP	CDD	DEP	CDD	DEP	CDD	DEP	CDD	DEP	CDD	DEP	CDD	DEP	CDD	DEP
3	6935	PAWHUSKA	0	0	0	0	14	2	32	-12	101	-46	446	98	459	-62	465	-17	327	75	42	-12	11	11	0	0	1894	37
3	7309	PRYOR	0	0	0	0	17	2	24	-22	72	-79	*	*	*	*	437	-37	317	65	18	-38	*	*	0	0	*	*
3	7390	RALSTON	0	*	0	*	14	*	38	*	142	*	509	*	509	*	495	*	369	*	62	*	14	*	0	*	2148	*
3	8380	SPAVINAW	0	*	0	*	17	*	37	*	97	*	418	*	481	*	*	*	391	*	65	*	*	*	0	*	*	*
3	8992	TULSA	0	0	0	0	18	4	42	-4	147	-20	527	146	573	9	585	67	417	135	70	-2	31	31	0	0	2409	366
3	9203	VINITA	0	0	0	0	14	4	35	5	*	*	*	*	453	-47	434	-26	335	89	37	-22	7	7	0	0	*	*
3	9247	WAGONER	0	0	0	0	21	5	42	-6	122	-39	460	94	499	-41	508	9	385	101	56	-26	17	17	0	0	2109	114
3	9792	WYMONA	0	*	0	*	27	*	49	*	197	*	547	*	567	*	593	*	432	*	58	*	32	*	0	*	2499	*
4	1909	CLINTON	0	0	0	0	13	-1	33	-14	199	34	566	164	494	-73	551	24	372	98	47	-12	13	13	0	0	2287	233
4	2849	ELK CITY	0	*	0	*	6	*	16	*	171	*	501	*	447	*	449	*	329	*	34	*	5	*	*	*	*	*
4	2944	ERICK	0	0	*	*	*	*	27	-13	*	*	462	77	421	-104	438	-46	301	45	26	-19	9	9	0	0	*	*
4	3871	HAMMON	0	0	0	0	0	-16	15	-28	115	-51	449	50	419	-140	466	-33	276	29	16	-40	8	8	0	0	1762	-221
4	6629	OKEENE	0	0	0	0	3	-11	25	-23	139	-37	533	113	476	-110	503	-40	355	59	49	-25	8	8	0	0	2090	-66
4	7579	REYDON	*	*	0	*	9	*	28	*	163	*	467	*	*	*	444	*	299	*	33	*	*	*	0	*	*	*
4	8708	TALOGA	0	0	0	0	6	-5	16	-14	141	-6	492	117	449	-85	*	*	312	65	20	-25	4	4	0	0	*	*
4	9364	WATONGA	0	*	0	*	4	*	31	*	138	*	507	*	466	*	500	*	338	*	48	*	10	*	0	*	2038	*
4	9422	WEATHERFORD	0	0	0	0	5	-10	20	-22	152	-15	516	117	491	-68	496	-19	359	83	27	-36	12	12	0	0	2076	42
5	830	BLANCHARD	0	*	0	*	13	*	33	*	*	*	486	*	484	*	492	*	332	*	*	*	12	*	0	*	*	*
5	1144	BRISTOW	0	0	0	0	21	4	44	-19	126	-34	473	107	488	-45	511	9	361	78	49	-36	21	16	0	0	2092	80
5	1684	CHANDLER	0	0	*	*	16	-1	37	-14	*	*	461	86	474	-78	510	-11	369	78	55	-23	17	17	0	0	*	*
5	1750	CHICKASHA	0	0	0	0	7	-13	34	-27	215	29	517	103	487	-71	497	-5	339	59	73	1	11	11	0	0	2178	87
5	2318	CUSHING	0	0	0	0	*	*	*	*	114	-44	*	*	473	-66	*	*	359	81	*	*	21	21	0	0	*	*
5	2818	EL RENO	0	0	0	0	9	-4	32	-12	173	21	509	137	484	-60	504	-2	352	85	57	-2	7	7	0	0	2125	170
5	3821	GUTHRIE	0	0	0	0	20	7	50	0	187	20	559	172	542	-19	569	39	415	127	76	-2	18	18	0	0	2436	362
5	4055	HENNESSEY	0	0	0	0	4	-9	19	-21	138	-35	*	*	504	-77	519	-17	358	77	48	-26	8	8	0	0	*	*
5	4861	KINGFISHER	0	0	0	0	10	-3	37	-11	146	-26	513	105	476	-105	524	-15	361	71	47	-18	9	9	0	0	2120	7
5	5779	MEEKER	0	0	*	*	9	-5	34	-13	126	-33	455	89	443	-93	466	-40	345	67	52	-21	16	16	0	0	*	*
5	6386	NORMAN	0	*	0	*	9	*	41	*	193	*	532	*	501	*	513	*	356	*	56	*	18	*	0	*	2217	*
5	6638	OKEMAH	0	0	0	0	15	-4	43	3	147	-7	473	110	483	-48	514	12	385	95	63	-17	16	16	0	0	2137	160
5	6661	OKLAHOMA CITY	0	0	0	0	11	-3	37	-3	185	38	513	153	490	-41	520	21	376	112	55	-6	23	23	0	0	2208	294
5	7327	PURCELL	0	0	0	0	13	-10	35	-21	172	-4	472	82	469	-84	483	-42	354	66	47	-24	14	14	0	0	2056	-23
5	8042	SEMINOLE	0	0	0	0	27	6	48	-31	168	-23	500	95	485	-96	537	-9	402	86	66	-22	22	17	0	0	2254	23
5	8501	STILLWATER	0	0	0	0	6	-6	24	-22	124	-31	482	122	472	-59	492	-5	381	120	48	-14	25	25	0	0	2052	130

1990 COOLING DEGREE DAYS AND DEPARTURES FROM NORMAL
 BASE = 65 DEGREES FAHRENHEIT

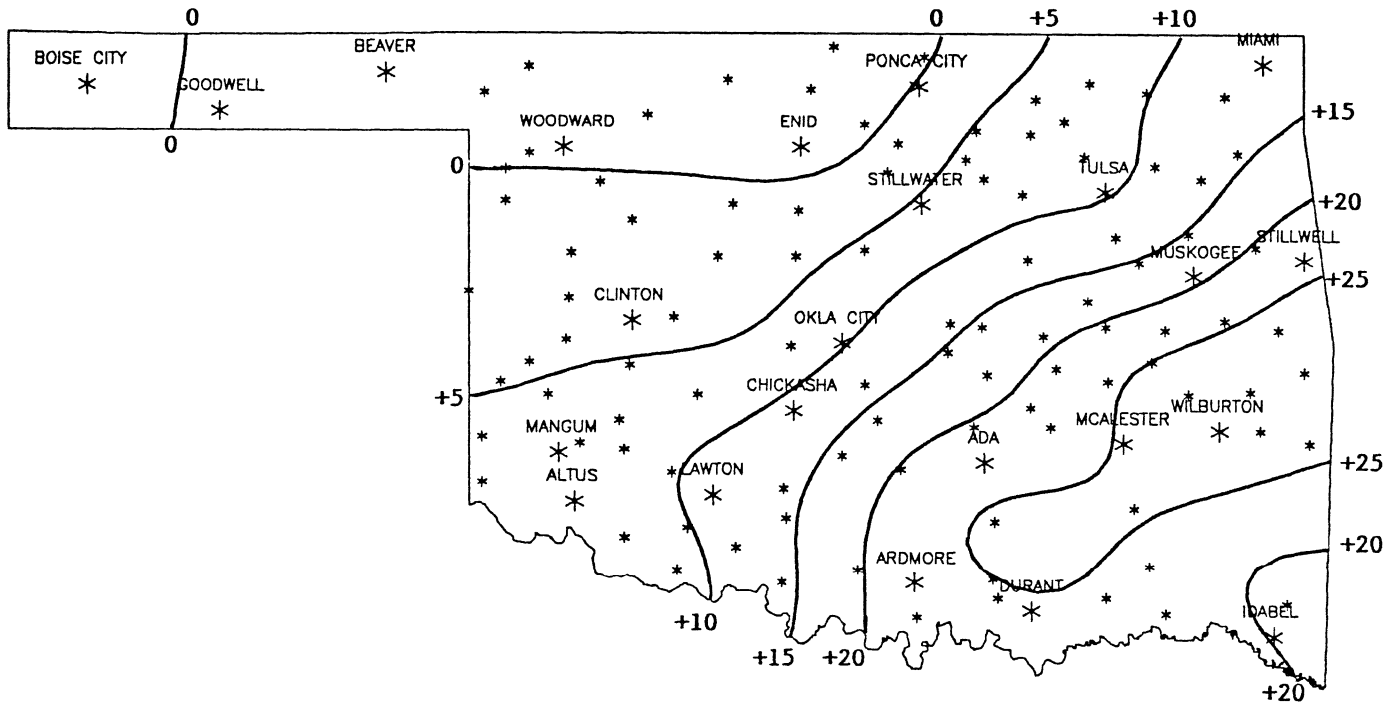
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6	2993	EUFAULA	0	*	0	*	23	*	47	*	*	*	524	*	500	*	550	*	406	*	78	*	22	*	0	*	*	*
6	3884	HANNA	0	*	0	*	15	*	35	*	143	*	451	*	459	*	484	*	356	*	57	*	18	*	0	*	2016	*
6	4235	HOLDENVILLE	0	0	0	-8	16	-2	39	-9	154	-16	431	56	*	*	484	-40	351	52	*	*	18	18	*	*	*	*
6	4975	LAKE EUFAULA	0	*	2	*	21	*	33	*	124	*	438	*	524	*	508	*	383	*	65	*	34	*	0	*	2131	*
6	5664	MCALESTER	3	3	0	0	29	12	46	-6	147	-27	464	80	469	-105	517	-1	378	86	86	8	33	26	0	0	2170	76
6	5693	MCCURTAIN	0	*	2	*	33	*	57	*	134	*	480	*	540	*	519	*	377	*	78	*	24	*	0	*	2242	*
6	6130	MUSKOGEE	*	*	*	*	17	-1	49	1	133	-39	463	88	457	-89	513	1	378	85	42	-34	17	17	0	0	*	*
6	7862	SALLISAW	0	0	1	1	19	1	41	-6	132	-38	422	50	478	-52	473	-23	352	66	46	-30	6	1	0	0	1968	-30
6	8506	STILWELL	0	*	0	*	13	*	35	*	79	*	362	*	430	*	455	*	315	*	37	*	11	*	0	*	1736	*
6	8677	TAHLEQUAH	0	0	0	0	18	3	44	-2	101	-54	416	83	473	-15	489	27	366	105	41	-33	13	8	0	0	1960	122
6	9445	WEBBERS FALLS	0	0	0	0	19	8	*	*	84	-77	416	53	467	-64	*	*	356	86	43	-17	16	16	0	0	*	*
7	179	ALTUS	0	0	0	0	11	-9	35	-38	220	-3	577	112	513	-96	496	-65	369	50	64	-32	12	12	0	0	2294	-69
7	184	ALTUS DAM	0	*	3	*	15	*	34	*	204	*	581	*	513	*	522	*	371	*	55	*	19	*	0	*	2314	*
7	1504	CARNEGIE	0	0	0	0	6	-9	28	-26	192	13	534	108	498	-82	487	-49	346	50	*	*	*	*	0	0	*	*
7	1706	CHATTANOOGA	0	0	*	*	11	-8	*	*	*	*	579	132	*	*	538	-29	396	67	80	1	8	8	0	0	*	*
7	4204	HOBART	0	0	0	0	7	-3	25	-14	184	18	548	131	487	-87	504	-27	342	62	64	3	13	13	0	0	2172	96
7	4249	HOLLIS	0	0	0	0	5	-15	36	-32	218	-13	570	90	*	*	493	-78	340	25	*	*	7	7	0	0	*	*
7	5063	LAWTON	0	0	0	0	10	-11	18	-40	201	6	564	144	492	-89	507	-43	363	54	50	-34	12	12	0	0	2216	-1
7	5068	FORT SILL	0	*	0	*	18	*	28	*	191	*	521	*	477	*	513	*	356	*	55	*	8	*	0	*	2164	*
7	5509	MANGUM	0	0	1	1	4	-16	59	-12	217	7	548	104	456	-131	455	-91	318	15	40	-42	5	5	0	0	2101	-160
7	9278	WALTERS	0	0	0	0	*	*	*	*	219	0	523	73	*	*	538	-43	388	39	76	-35	10	4	0	0	*	*
7	9629	WICHITA MT WLR	0	0	0	0	5	-15	11	-41	135	-26	476	95	450	-97	436	-77	324	50	29	-39	5	5	0	0	1869	-145

1990 COOLING DEGREE DAYS AND DEPARTURES FROM NORMAL
 BASE = 65 DEGREES FAHRENHEIT

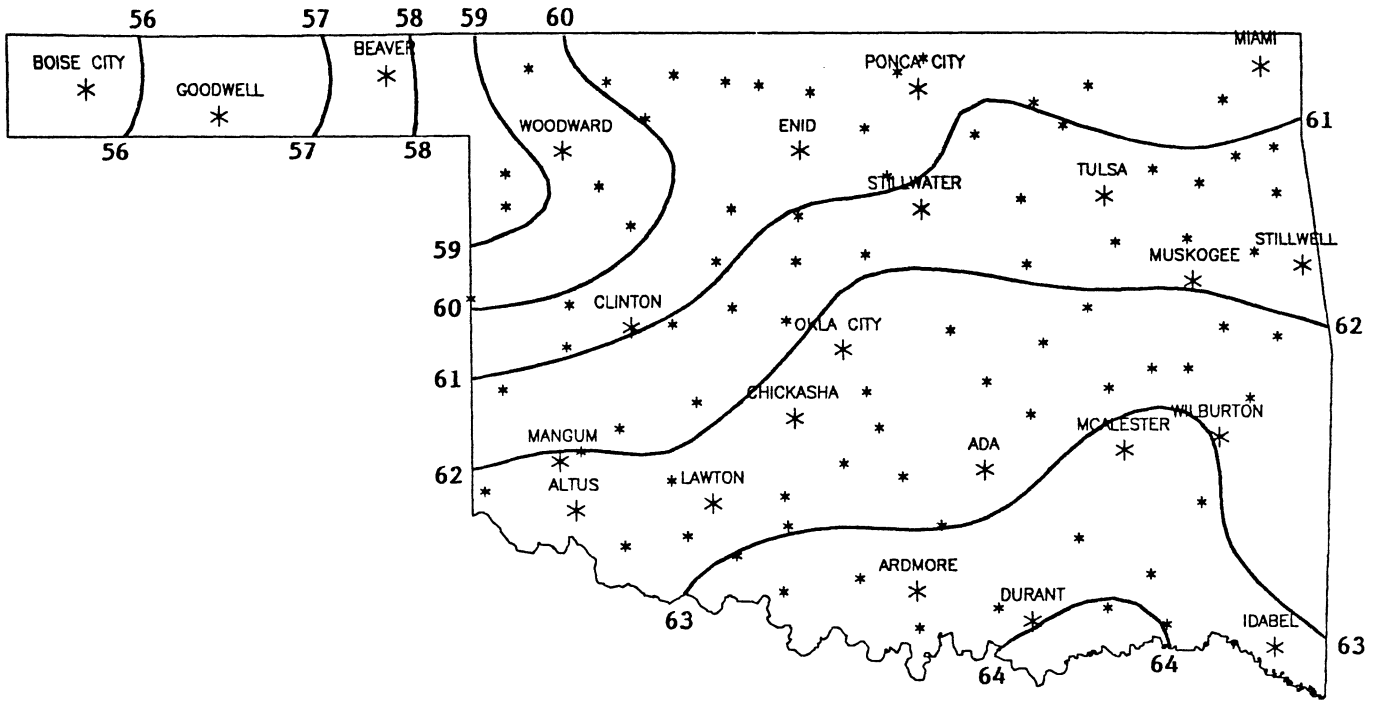
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8	17	ADA	0	0	0	0	11	-12	32	-25	153	-15	448	67	462	-87	499	-20	373	73	47	-53	11	3	0	0	2034	-69
8	292	ARDMORE	0	0	*	*	18	-15	44	-43	211	-25	490	31	487	-128	543	-46	401	30	*	*	28	19	0	0	*	*
8	394	ATOKA DAM	0	*	0	*	24	*	42	*	159	*	465	*	504	*	*	*	442	*	79	*	23	*	0	*	*	*
8	1437	CANEY	*	*	0	*	30	*	59	*	203	*	527	*	490	*	555	*	391	*	83	*	30	*	*	*	*	*
8	1745	CHICKASAW NRA	0	*	0	*	11	*	35	*	156	*	443	*	442	*	493	*	357	*	57	*	20	*	0	*	2011	*
8	2660	DUNCAN 12 W	0	0	0	-8	11	-13	30	-44	182	-19	497	77	*	*	491	-68	369	40	55	-44	16	9	0	0	*	*
8	2678	DURANT	0	*	2	*	19	*	44	*	150	*	451	*	476	*	517	*	393	*	80	*	25	*	0	*	2155	*
8	4001	HEALDTON	0	*	1	*	20	*	45	*	217	*	505	*	485	*	*	*	*	*	75	*	22	*	0	*	*	*
8	5216	LINDSAY	*	*	*	*	15	*	*	*	187	*	482	*	*	*	*	*	322	*	53	*	7	*	0	*	*	*
8	5468	MADILL	*	*	1	-4	21	-4	43	-19	221	25	498	81	508	-72	534	-27	380	46	81	-22	22	16	0	0	*	*
8	5563	MARIETTA	0	0	2	-5	19	-5	56	-9	238	43	501	90	497	-80	557	2	408	71	104	-2	31	23	0	0	2410	128
8	5581	MARLOW	0	*	0	*	17	*	38	*	197	*	510	*	497	*	504	*	374	*	73	*	16	*	0	*	2223	*
8	5713	MCGEE CREEK DAM	0	*	0	*	25	*	50	*	146	*	460	*	484	*	544	*	403	*	70	*	19	*	0	*	2200	*
8	6926	PAULS VALLEY	0	0	0	0	19	-3	40	-28	191	-16	489	54	469	-123	495	-67	360	33	61	-22	24	24	0	0	2146	-148
8	8884	TISHOMINGO	0	*	0	*	*	*	43	*	*	*	487	*	*	*	*	*	*	*	92	*	*	*	0	*	*	*
8	9395	WAURIKA	0	0	0	-5	25	-6	55	-34	263	36	562	109	525	-86	549	-35	406	55	98	-12	23	16	0	0	2503	38
9	256	ANTLERS	0	0	1	1	19	-2	63	14	168	-7	456	81	462	-66	520	21	375	84	80	2	16	16	0	0	2157	144
9	567	BATTIEST	*	*	0	*	12	*	36	*	114	*	392	*	*	*	373	*	304	*	48	*	2	*	0	*	*	*
9	980	BOSWELL	0	*	1	*	35	*	84	*	219	*	496	*	489	*	541	*	400	*	112	*	30	*	1	*	2406	*
9	1168	BROKEN BOW DAM	0	*	0	*	18	*	48	*	97	*	402	*	455	*	491	*	344	*	57	*	11	*	0	*	1921	*
9	4384	HUGO	0	0	0	-6	17	-8	59	-9	175	-30	473	62	494	-64	541	8	413	85	82	-19	17	8	0	0	2268	27
9	4451	IDABEL	0	0	1	1	24	4	*	*	117	-69	425	38	*	*	502	-4	393	90	86	-1	*	*	*	*	*	*
9	7254	POTEAU	0	*	*	*	21	*	37	*	*	*	448	*	470	*	467	*	372	*	40	*	*	*	0	*	*	*
9	8285	SMITHVILLE	0	*	0	*	7	*	22	*	59	*	*	*	*	*	640	*	*	*	49	*	10	*	0	*	*	*
9	9023	TUSKAHOMA	0	*	1	*	27	*	51	*	167	*	465	*	483	*	475	*	348	*	79	*	30	*	1	*	2125	*
9	9634	WILBURTON	0	0	0	0	24	6	40	-14	137	-31	439	79	472	-56	484	-10	366	89	60	-13	11	11	0	0	2030	61



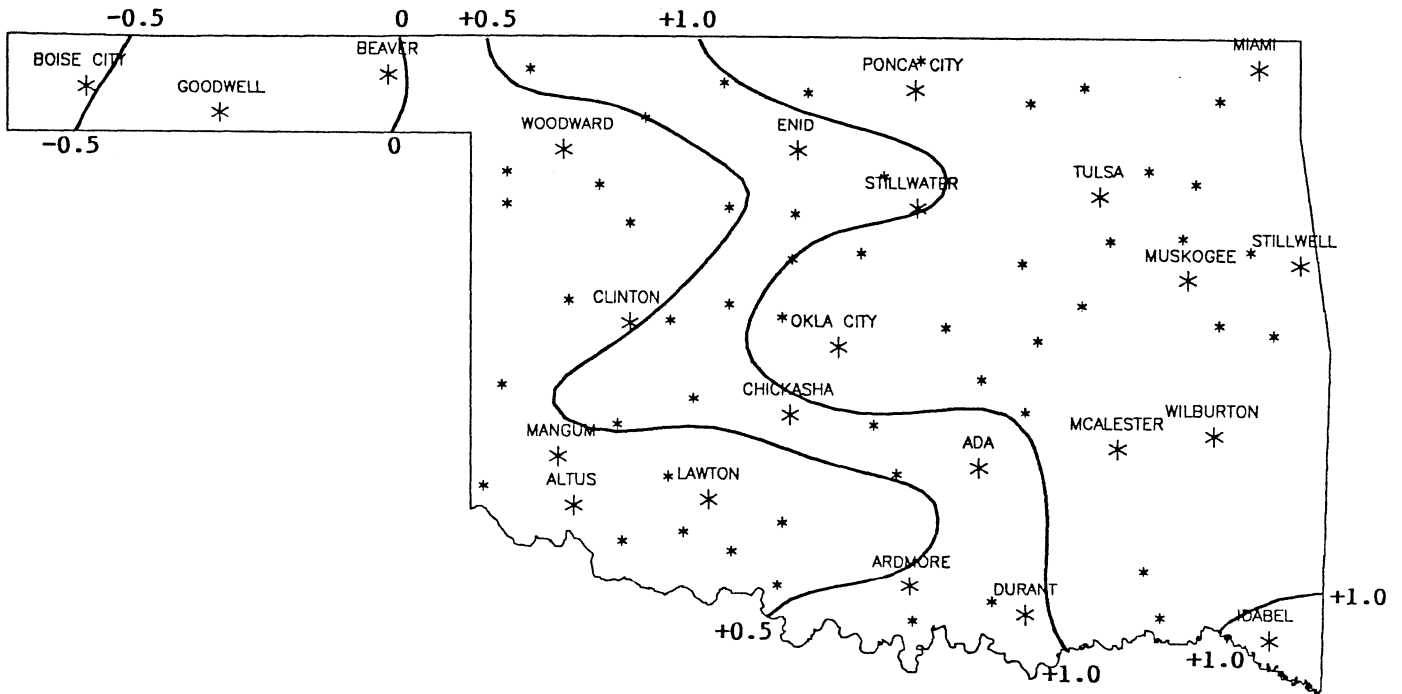
1990 ANNUAL PRECIPITATION
(Inches)



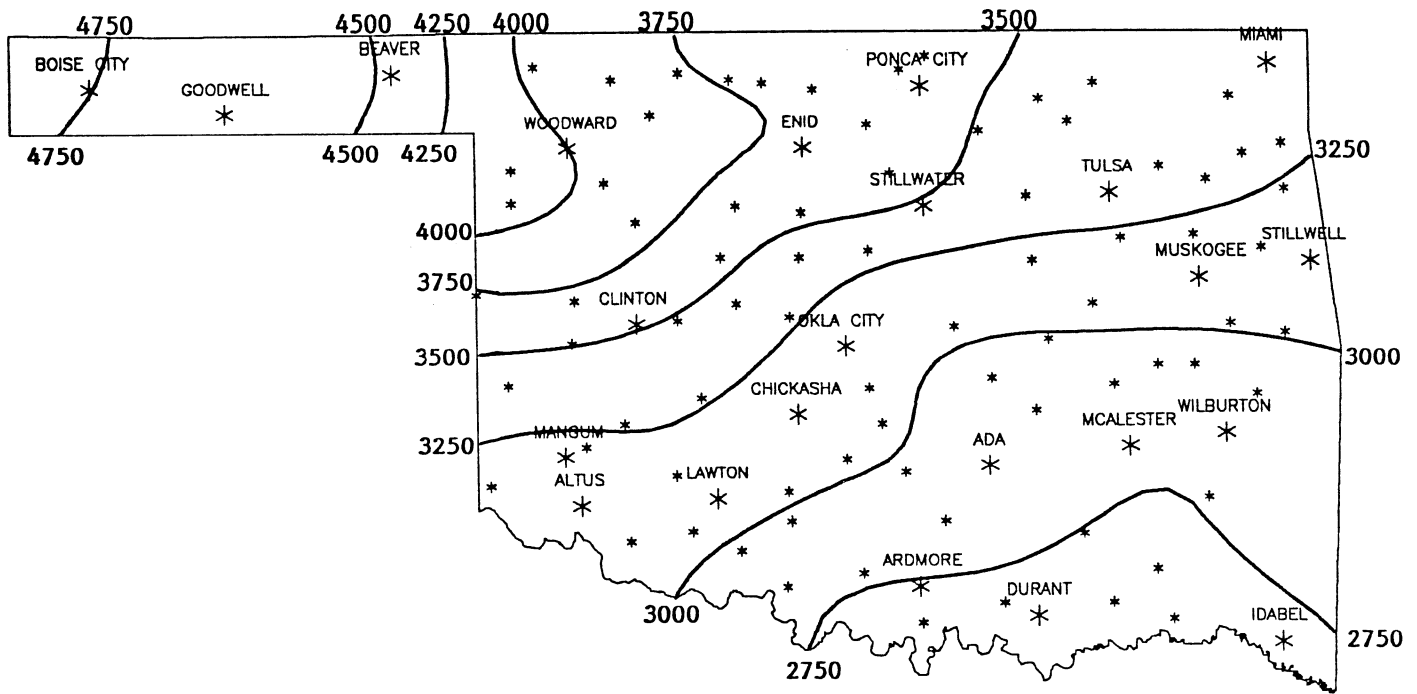
1990 ANNUAL PRECIPITATION DEPARTURE FROM NORMAL
(Inches)



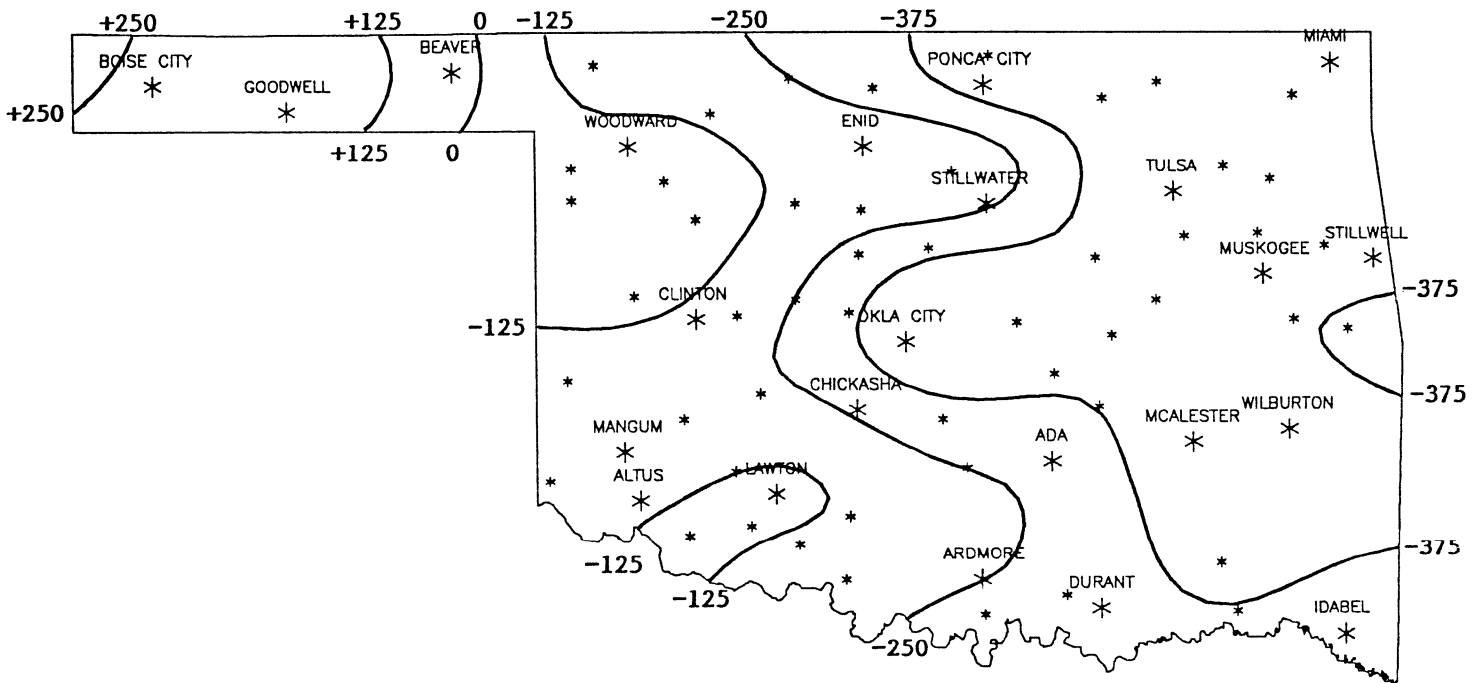
1990 AVERAGE ANNUAL TEMPERATURE
(Degrees F)



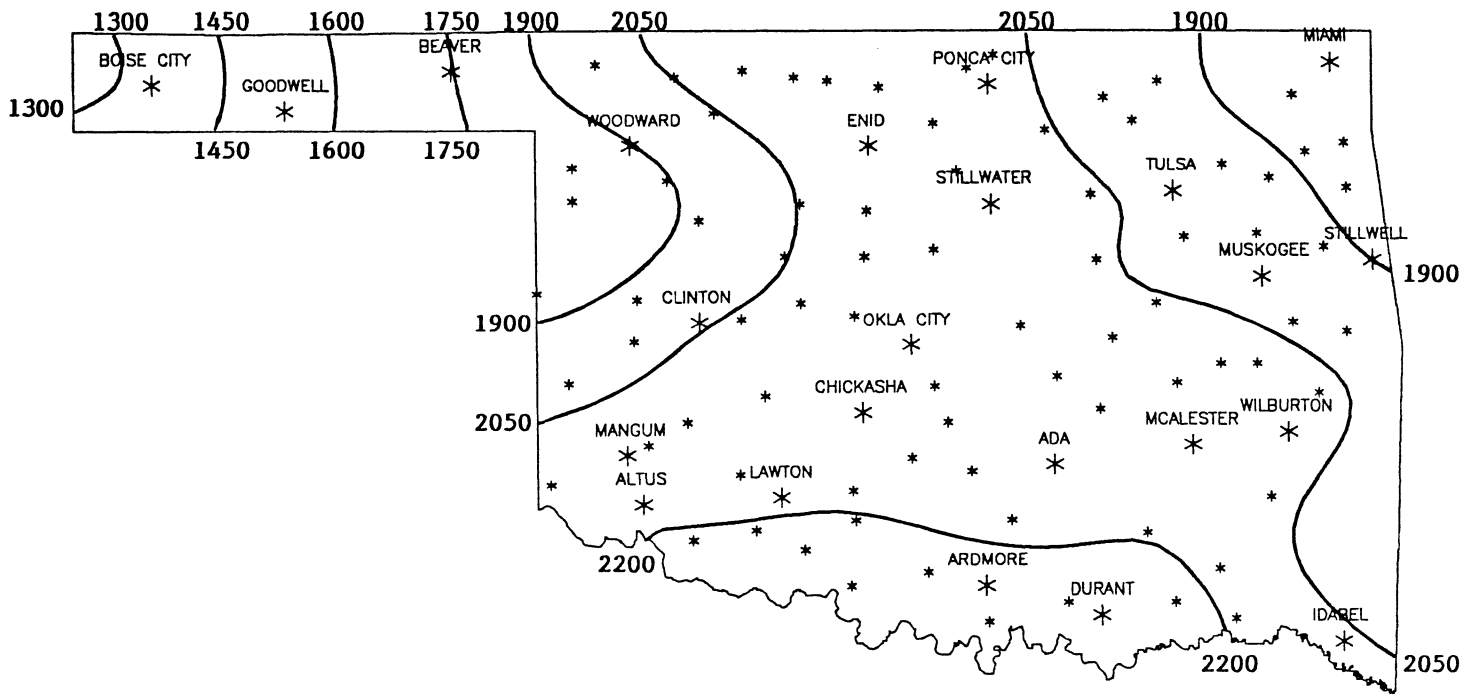
1990 ANNUAL TEMPERATURE DEPARTURE FROM NORMAL
(Degrees F)



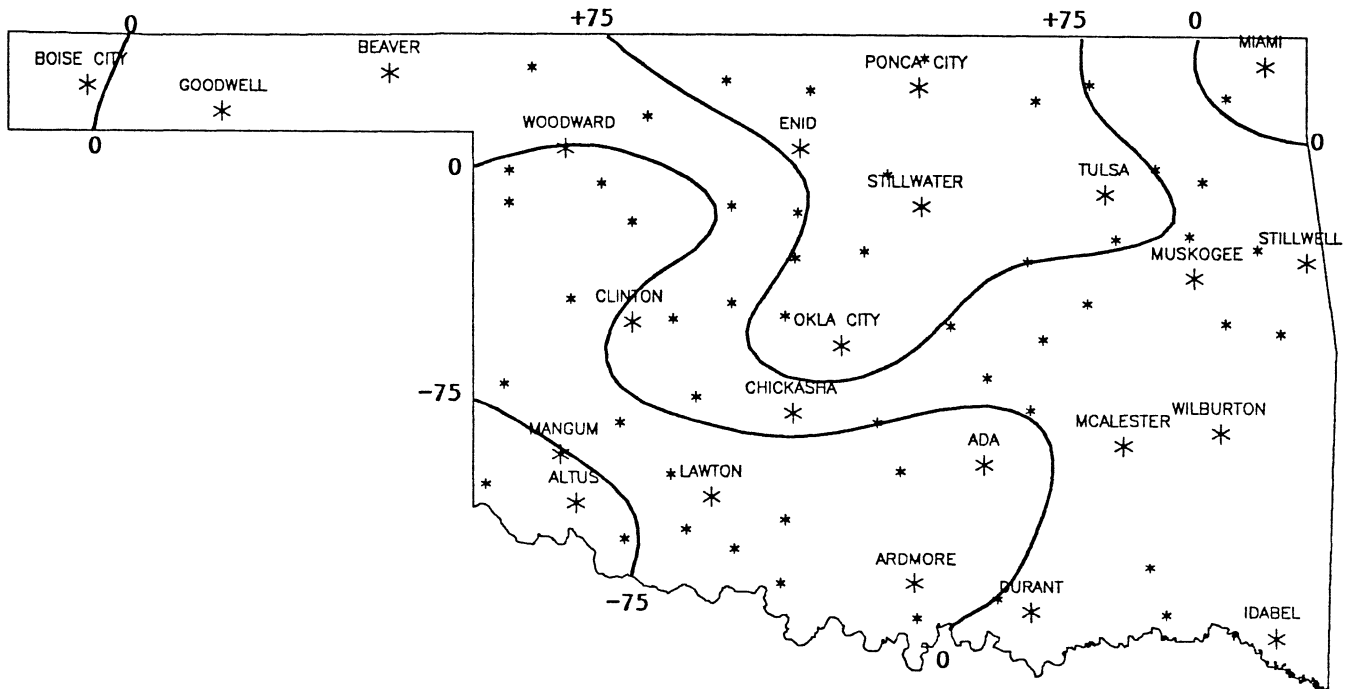
1990 ANNUAL HEATING DEGREE DAYS



1990 ANNUAL HEATING DEGREE DAYS DEPARTURE FROM NORMAL



1990 ANNUAL COOLING DEGREE DAYS



1990 ANNUAL COOLING DEGREE DAYS DEPARTURE FROM NORMAL

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